OAKLAND COURT REDEVELOPMENT

Murfreesboro Housing Authority

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE

BID SET

Last updated:

04 JUNE 2020

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BINDING EDGE

ABBREVIATIONS

A
- A/C Air Conditioning
- ACOUST Acoustical
- ACT Acoustical Ceiling Tile
- ADJ Adjust(able)
- AFF Above Finished Floor
- AL, ALUM Aluminum
- ALT Alternate
- ARCH Architectural
- ASPH Asphalt
- ATT Attach(ed)

B
- BD Board
- BLDG Building
- BLKG Blocking
- BM Benchmark
- BRG Bearing
- BUR Built-Up Roof
- BOC Bottom of Curb
- BOS Bottom of Steel
- BOT Bottom
- BOW Bottom of Wall

C
- CAB Cabinet
- CB Catch Basin
- CEM Cement
- CIP Cast-in-Place
- CJ Contraction Joint
- CLG Ceiling
- CLR Clear / Clearance
- CMU Concrete Masonry Unit
- COL Column
- CONC Concrete
- CONST Construction
- CONT Continous / Continued
- COORD Coordinate
- CORR Corrugates, (ed)
- CRS Course(s)
- CT Ceramic Tile
- CTSK Countersunk
- CU Cubic
- CU FT Cubic Foot/Feet
- CU YD Cubic Yard(s)
- CW Curtain Wall

D
- D Depth
- DBL Double
- DF Drinking Fountain
- DIM Dimension
- DN Down
- DR Door
- DS Down Spout
- DTL Detail
- DW Dishwasher
- DWG Drawing

E
- EFEC Existing Fire Extinguisher Cabinet
- EF Each Face
- EIFS Exterior Insulation Finishing System
- EJ Expansion Joint
- ELEC Electric(al)
- ELEV Elevation / Elevator
- EOS Edge of Slab
- ES Each Side
- EQ Equal
- EQUIP Equipment
- EW Each Way
- EXH Exhaust
- EXIST Existing
- EXP Expansion / Exposed
- EXT Exterior

F
- F Face of
- FD Floor Drain
- FE Fire Extinguisher
- FEC Fire Extinguisher Cabinet
- FF Finish(ed) Floor
- FH Flat Head
- FHC Fire Hose Cabinet
- FIN Finish(ed)
- FLMS Flat Head Machine Screw
- FLR Floor
- FNR Feminine Napkin Receptacle
- FNTD Feminine Napkin Tampon Dispenser
- FOM Face of Masonry
- FOS Face of Stud
- FRMG Framing
- FRT Fire Retardant Treated
- FRP Fiberglass Reinforced Playmer
- FSTN Fasten(ed), (er), (ing)
- FT Foot / Feet
- FTG Footing

G
- GA Gauge / Gage
- GALV Galvanize(d)
- GL Glass / Glazing
- GYP Gypsum
- GYP BD Gypsum Board

H
- HB Hose Bib
- HC Hollow Core
- HD Hand Dryer
- HDR Header
- HDW Hardware
- HM Hollow Metal
- HORIZ Horizontal
- HP High Point
- HR Hour
- HGT Height
- HVAC Heating, Ventilation & Air Conditioning

I
- ID Inside Diameter
- IN Inch(es)
- INSUL Insulate(d), (ing), (ion)
- INT Interior
- INV Invert
- IPS Iron Pipe Size

J
- JST Joist
- JT Joint

K
- KIT Kitchen

L
- L Length
- LAM Laminate(d)
- LL Live Load
- LLH Long Leg Horizontal
- LLV Long Leg Vertical
- LP Low Point
- LWR Lower
- LVR Louver

M
- MAS Masonry
- MATL Material
- MAX Maximum
- MB Machine Bolt
- MECH Mechanical
- MFR Manufacturer
- MH Manhole
- MIN Minimum
- MISC Miscellaneous
- MO Masonry Opening
- MS Machine Screw
- MT Metal Threshold
- MTL Metal
- MULL Mullion

N
- NEO Neoprene
- NIC Not In Contract
- NO. Number
- NTS Not To Scale

O
- OC On Center
- OD Outside Diameter
- OH Opposite Hand
- OPNG Opening
- OPP Opposite

P
- PL Property Line or Plate
- PLAM Plastic Laminate
- PLYWD Plywood
- PREFAB Prefabricate(d), (tion)
- PNT Paint
- POB Point Of Beginning
- PT Pressure Treated
- PTD Painted and/or Paper Towel Dispenser
- PTR Paper Towel Receptacle
- PVC Polyvinyl Chloride

Q
- QT Quarry Tile
- QTZ Quartz

R
- R Riser / Radius
- RA Return Air
- RAD Radius
- RAG Return Air Grill
- RAR Return Air Register
- RB Rubber Base
- RCP Reflected Ceiling Plan
- RD Roof Drain
- REF Refrigerator
- REINF Reinforce(d), (ing), (ment)
- RET Retain(ing), Retention
- RH Round Head
- RL Rain Leader
- RM Room
- RO Rough Opening
- ROW Right of Way
- RS Rough Sawn
- RVL Reveal

S
- S&R Shelf & Rod
- SA Supply Air
- SAFB Sound Attenuation Fire Barrier
- SAG Supply Air Grill
- SAN Sanitary
- SCD Sanitary Cloth Dispenser
- SCH Schedule
- SCWD Solid Core Wood Door
- SDF Soap Dispenser (Foam)
- SDL Soap Dispenser (Liquid)
- SEC Secure(d)
- SECT Section
- SHT Sheet
- SIM Similar
- SPEC Specification(s)
- SQ Square
- SQ IN Square Inch(es)
- SQ FT Square Feet / Foot / Footage
- SQ YD Square Yard(s)
- SS Service Sink
- SST Stainless Steel
- STC Sound Transmission Coefficient
- STD Standard
- ST Steel Tube
- STL Steel
- STOR Storage
- STRUCT Structural
- SUSP Suspend(ed), (sion)
- SW Solid Wood

T
- T Tread(s)/Tempered
- T&G Tongue and Groove
- TEMP Temporary
- THK Thick(ness)
- THOLD Threshold
- THR Thread(s)
- TLT Toilet
- TOC Top of Curb
- TOP Top of Parapet
- TOW Top of Wall
- TRTD Treated
- TPD Toilet Paper Dispenser
- TYP Typical

U
- UNO Unless Noted Otherwise
- UR Urinal

V
- VB Vapor Barrier, Vinyl Base
- VCT Vinyl Composite Tile
- VERT Vertical
- VIF Verify in Field
- VOL Volume
- VT Vinyl Tile

W
- W Wide / Width
- w/ With (included)
- w/o Without
- WC Water Closet
- WD Wood
- WDW Window
- WH Water Heater
- WR Water Resistant
- WWM Welded Wire Mesh

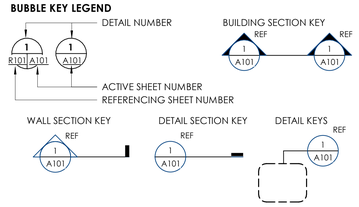
X
- XRAY XRAY

Y
- YD YARD

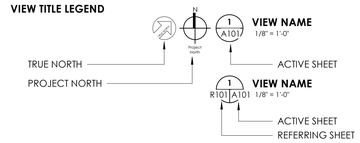
Z

SYMBOLS & MATERIALS LEGEND

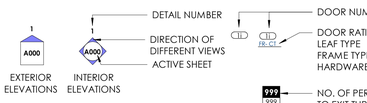
BUBBLE KEY LEGEND



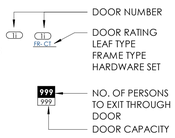
VIEW TITLE LEGEND



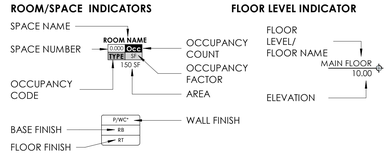
EXTERIOR & INTERIOR ELEVATION



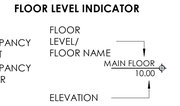
DOOR IDENTIFICATION



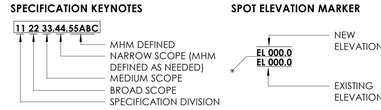
ROOM/SPACE INDICATORS



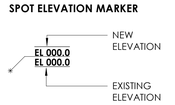
FLOOR LEVEL INDICATOR



SPECIFICATION KEYNOTES



SPOT ELEVATION MARKER



MISCELLANEOUS SYMBOLS

- WINDOW TYPE
- WALL TYPE
- ANGLE
- CENTERLINE
- CHANNEL
- DIAMETER
- FLOOR LINE
- PLUS / MINUS
- PROPERTY LINE / PLATE
- STRUCTURAL LINE
- SQUARE FEET / FOOT

COLUMN INDICATION

- NEW COLUMN GRID
- EXISTING COLUMN GRID

REVISION INDICATION

- REVISION INDICATOR
- REVISION CLOUD
- RA-0000000 REVISION NOTATION

MATERIALS LEGEND

- ALUMINUM
- BRICK MASONRY UNIT
- BRASS or BRONZE
- CONCRETE
- CONCRETE - LIGHT WEIGHT
- CONCRETE MASONRY UNIT
- EARTH
- GRAVEL
- GYPSUM PLASTER
- INSULATION - RIGID
- INSULATION - SPRAYED
- MARBLE OR GRANITE
- PLYWOOD
- STONE - CUT
- STEEL - LARGE SCALE
- STEEL & OTHER METALS AT SMALL SCALE
- WOOD - FINISH GRADE
- WOOD - ROUGH CUT

GENERAL NOTES

1. DO NOT SCALE DRAWINGS. IF DRAWING INFORMATION IS IN QUESTION, THE CONTRACTOR SHALL OBTAIN WRITTEN CLARIFICATION FROM THE ARCHITECT, PRIOR TO CONTINUING WITH CONSTRUCTION.
2. DIMENSIONS ARE TO FACE OF STUD, FACE OF EXISTING WALL, AND FACE OF CONCRETE OR MASONRY, UNLESS NOTED OTHERWISE. DIMENSIONS NOTED AS CLEAR (CLR), ARE FROM FINISH FACE TO FINISH FACE.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, SPOT ELEVATIONS, AND LOCATIONS OF EXISTING CONDITIONS AFFECTING THE AREA OF WORK, PRIOR TO FABRICATION OR INSTALLATION OF NEW WORK. CONTRACTOR TO RECEIVE WRITTEN NOTIFICATION OF ANY DISCREPANCIES FROM DIMENSIONS SHOWN, NOTED OR REQUIRED. ADJUST DIMENSIONS OF NEW CONSTRUCTION AT THE DIRECTION OF THE ARCHITECT TO ALLOW FOR ACTUAL FIELD DIMENSIONS.
4. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ANY MILLWORK.
5. REFER TO PARTITION NOTES AND LEGEND FOR TYPICAL WALL TYPES AND FIRE RATINGS. ALL WALL TYPES SHALL CONFORM TO THE PARTITION LEGEND UNLESS INDICATED OTHERWISE ON FLOOR PLANS, ENLARGED PLANS, WALL SECTIONS OR ELEVATIONS.
6. WHERE A DETAIL IS SHOWN OR NOTE IS DESCRIBED FOR ONE CONDITION, IT SHALL BE ASSUMED TO APPLY TO ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY NOTED AS SUCH ON THE DRAWINGS.
7. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING BACK UP (2 X 6 NOMINAL UNLESS NOTED OTHERWISE), OR 14 GAUGE GALVANIZED STEEL PLATE CONTINUOUS BETWEEN STUDS, FOR ALL WALL MOUNTED MILLWORK, SHELVES, EQUIPMENT, COAT RODS, ETC. AND GROUNDS FOR ALL ACCESSORIES, EQUIPMENT AND DEVICES SPECIFIED OR AS INDICATED FOR INSTALLATION OF EQUIPMENT BY OTHERS OR DEFINED AS TO BE PROVIDED BY THE OWNER. CMU WALL FASTENERS SHALL EXTEND INTO THE CMU CELLS WHICH SHALL BE GROUTED SOLID WITH 3,000PSI CONCRETE.
8. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
9. THE CONTRACTOR SHALL MAINTAIN CLEAR ACCESS TO ALL EXITS, AND/OR ACCESS STAIRS SERVING THE BUILDING AT ALL TIMES.
10. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY PLANS TO DISRUPT BUILDING SERVICE THAT MAY AFFECT BUILDING TENANTS.
11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY, AND TO CONFIRM THAT ALL WORK IS CONSTRUCTIBLE AS SHOWN, BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY DISCREPANCIES OR OMISSIONS WHICH WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK, THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION.
12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN ACCORDANCE WITH ALL CODES, ORDINANCES, AND REGULATIONS APPLICABLE AT THE PROJECT LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR FILING AND SECURING ALL NECESSARY PERMITS, APPROVALS, ETC., FOR ALL TRADES, INCLUDING APPLICABLE FEES.
13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL WORK AND MATERIALS IN ACCORDANCE WITH ALL CODES, ORDINANCES, AND REGULATIONS APPLICABLE AT THE PROJECT LOCATION. THE CONTRACTOR IS RESPONSIBLE FOR FILING AND SECURING ALL NECESSARY PERMITS, APPROVALS, ETC., FOR ALL TRADES, INCLUDING APPLICABLE FEES.
14. THE GENERAL CONTRACTOR, SUB-CONTRACTORS SHALL COORDINATE WITH THE OWNERS' REPRESENTATIVE ALL WORK RELATED TO THE FOLLOWING: SCHEDULING, STAGING OF MATERIALS, PHASING, MOVEMENT OF MATERIALS CLEAN-UP, PROTECTION OF EXISTING CONSTRUCTION, SALVAGE MATERIALS, CONSTRUCTION MATERIALS & CONSTRUCTION UTILITIES.
15. THE GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL BUILDING SYSTEMS AND VERIFY THAT ALL REQUIRED CLEARANCES FOR CONSTRUCTION SHOWN IS PROVIDED. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING SYSTEMS; MECHANICAL, ELECTRICAL, LIGHTING AND SPRINKLER EQUIPMENT.
16. THE CONTRACTOR AND SUB-CONTRACTORS SHALL PURCHASE AND MAINTAIN CERTIFICATES OF INSURANCE WITH RESPECT TO WORKMAN'S COMPENSATION, PUBLIC LIABILITY, AND PROPERTY DAMAGE FOR THE UNITS AS REQUIRED BY LAW OR OWNER.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
18. THE CONTRACTOR SHALL PROTECT EXISTING UTILITY LINES, DUCT WORK, LIGHTING FIXTURES, ETC, WHICH ARE TO REMAIN AS PART OF THE FINAL SYSTEMS. CONTRACTOR SHALL CLEAN, REPAIR, RE-LAMP, ETC. THESE ITEMS FOR PROPER FUNCTIONING OF THE FINAL SYSTEM, AS REQUIRED BY THE CONTRACT.
19. THE GENERAL CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR CEILING, CASEWORK AND EXISTING FINISHES IN AREAS NOT AFFECTED BY DEMOLITION AND CONSTRUCTION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGES CAUSED BY THE WORK OF THE GENERAL CONTRACTOR OR ANY SUB-CONTRACTOR.
20. THE DESIGNER IS SOLELY RESPONSIBLE FOR THE DESIGN INTERPRETATION OF THE CONSTRUCTION DOCUMENTS.
21. THE CONTRACTOR SHALL MEET WITH THE OWNER'S AUTHORIZED REPRESENTATIVE WELL IN ADVANCE OF CONSTRUCTION COMMENCEMENT TO:
    - A. AGREE TO A SCHEDULE, SEQUENCE AND COORDINATION OF ALL WORK.
    - B. MAINTAIN EXITS AND EGRESS WIDTHS REQUIRED BY CODE, DURING ALL PHASES OF CONSTRUCTION.
    - C. KEEP DISRUPTIONS OF THE FACILITIES FUNCTIONS TO A MINIMUM DURING CONSTRUCTION.

CODE SYNOPSIS

Applicable Codes:
- 2018 International Residential Code (IRC)
- 2018 International Building Code (IBC)
- 2018 International Plumbing Code (IPC)
- 2018 International Mechanical Code (IMC)
- 2018 International Fuel Gas Code (IFGC)
- 2018 International Property Maintenance Code (IPMC)
- 2018 International Fire Code (IFC)
- 2018 International Energy Conservation Code (IECC)
- 2017 National Electrical Code (NEC)
- 2018 International Swimming Pool and Spa Code (ISPSC)
- 2018 Existing Building Code (IEBC)
- 2009 ICC A117.1 Accessible and Usable Buildings & Facilities (ICC/ANSI)
- Uniform Federal Accessibility Standards (UFAS)

Local Regulations:

ZONE:		**PRD**
PARCEL:		**note**
BUILDING SETBACKS:	FRONT:	**North : 10'-0"**
	SIDE1:	**East : 5'-0"**
	SIDE2:	**West : 5'-0"**
	REAR:	**South : 5'-0"**
LOT COVERAGE:		**N/A**
MAXIMUM HEIGHT ALLOWABLE:		**35'-0"**
ALLOWABLE NUMBER OF STORIES:		**2**
EASEMENTS:		**See Civil**
ADJACENT PROPERTY USE:		**RD / CM**
PARKING:		
Parking Spaces Required:		1.8 / UNIT
Handicap Spaces Required:		SEE CIVIL
Parking Space Size Required:		**9'-0" W x 18'-0" D**
LANDSCAPING / SCREENING:		**SEE LANDSCAPE DWGS**
SITE DRAINAGE / RUN-OFF & RETENTION REQUIREMENTS:		**SEE CIVIL DWGS**

Building Description:
New Construction

Construction Classification:
V-B

Occupancy Classification: (IBC Ch. 3, LSC Ch. 4)
- Occupancy Type (IBC 302.1): R-2
- Hazard Type (LSC 6-2): ---
- Fire District: -----

PHASE 1 & PHASE 2 % MASONRY

PHASE #1	MASONRY SF PER PHASE	TOTAL WALL SF PER PHASE	MASONRY % PHASE 1		PHASE #2	MASONRY SF PER PHASE	TOTAL WALL SF PER PHASE	MASONRY % PHASE 2
4	802	7971.6			9	1804.5	17936.1	
3	4273.8	4817.7			0	0	0	
6	846.6	8033.4			9	1269.9	12050.1	
4	6494.8	6494.8			9	14613.3	14613.3	
0	0	0			0	0	0	
11	3404.5	22864.6			5	1547.5	10393	
2	3052.2	3300.4			0	0	0	
2	452	5695.4			4	904	11390.8	
5	13222	13422			2	5288.8	5368.8	
2	1229.2	9195.6			2	1229.2	9195.6	
2	855	9252.4			2	855	9252.4	
1	4626.2	4626.6			2	9252.4	9253.2	
2	6399	6399			2	6399	6399	
44	45657.3	102073.5	0.4472983		46	43163.6	105852.3	0.40777196
			+/- 45%					**+/- 41%**

TOTAL PROJECT % MASONRY

UNIT DESIG.	TOTAL WALL SF PER 1 UNIT	MASONRY SF PER 1 UNIT	MASONRY % PER 1 UNIT	# UNITS IN PROJECT	TOTAL SF MASONRY	MASONRY % TOTAL ALL UNITS	MASONRY % TOTAL IN PROJECT
1.2.C + (u)	1992.9	200.5	10%	13	2606.5	25907.7	
1.2.F	1605.9	1424.6	89%	3	4273.8	4817.7	
2.1.V	1338.9	141.1	11%	15	2116.5	20083.5	
2.1.T	1623.7	1623.7	100%	13	21108.1	21108.1	
2.1.C	1508.6	158.1	10%	0	0	0	
2.2.C + (u)	2078.6	309.5	15%	16	4952	33257.6	
3.1.CO	1650.2	1526.1	92%	2	3052.2	3300.4	
3.2.Fa	2847.7	226	8%	6	1356	17086.2	
3.2.Fb	2684.4	2644.4	99%	7	18510.8	18790.8	
3.3.V	4597.8	614.6	13%	4	2458.4	18391.2	
4.2.V	4626.2	427.5	9%	4	1710	18504.8	
4.2.CO	4626.6	4626.2	100%	3	13878.6	13879.8	
5.1.T	3199.5	3199.5	100%	4	12798	12798	
	34381	17121.8	50%	90	88820.9	207925.8	0.42718
							+/- 43%

BLDG & UNIT CALCULATIONS

PHASE 1:

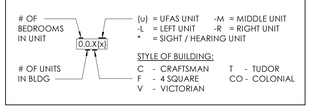
UNIT DESIGNATION	STORIES	BEDROOM COUNT	UNIT NSF 1st FLOOR	UNIT NSF 2nd FLOOR	**UNIT NSF TOTAL**	UNIT GSF 1st FLOOR	UNIT GSF 2nd FLOOR	**UNIT GSF TOTAL**	BLDGS IN PHASE 1	UNITS IN PHASE 1	**TOTAL NSF PHASE 1**	**TOTAL GSF PHASE 1**	DRAWING NUMBERS
SINGLE													
2 BED VICTORIAN	2.1.V	1	1	800	-	**800**	872	-	**872**	6	6	**4800**	**5232**	**20's**
2 BED TUDOR	2.1.T	1	1	800	-	**800**	872	-	**872**	4	4	**3200**	**3488**	**21's**
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	1	1398	-	**1398**	1492	-	**1492**	2	2	**2796**	**2984**	**45's**
5 BED TUDOR	5.1.T	2	3	978	1013	**1991**	1056	1092	**2148**	2	2	**3982**	**4296**	**80's**
DUPLEX													
1 BED CRAFTSMAN 'LEFT' UNIT	1.2.C-L	1	1	608	-	**608**	670	-	**670**	3	3	**1824**	**2010**	**10's**
'RIGHT' UNIT	1.2.C-R	1	1	608	-	**608**	670	-	**670**	-	3	**1824**	**2010**	
1 BED CRAFTSMAN (UFAS) 'LEFT' UNIT	1.2.C(u)-L	1	1	608	-	**608**	670	-	**670**	1	1	**608**	**670**	**15's**
'RIGHT' UNIT	1.2.C(u)-R	1	1	608	-	**608**	670	-	**670**	-	1	**608**	**670**	
1 BED 4 SQUARE 'LEFT' UNIT	1.2.F-L	1	1	775	-	**775**	837	-	**837**	3	3	**2325**	**2511**	**11's**
'RIGHT' UNIT	1.2.F-R	1	1	775	-	**775**	837	-	**837**	-	3	**2325**	**2511**	
2 BED CRAFTSMAN 'LEFT' UNIT	2.2.C-L	1	1	880	-	**880**	954	-	**954**	10	10	**8800**	**9540**	**30's**
'RIGHT' UNIT	2.2.C-R	1	1	880	-	**880**	954	-	**954**	-	10	**8800**	**9540**	
2 BED CRAFTSMAN (UFAS) 'LEFT' UNIT	2.2.C(u)-L	1	1	880	-	**880**	954	-	**954**	1	1	**880**	**954**	**35's**
'RIGHT' UNIT	2.2.C(u)-R	1	1	880		**880**	954		**954**	-	1	**880**	**954**	
3 BED 4 SQUARE 'LEFT' UNIT	3.2.Fa-L	2	2	790	581	**1371**	867	640	**1507**	2	2	**2742**	**3014**	**50's**
'RIGHT' UNIT	3.2.Fa-R	2	2	790	581	**1371**	867	640	**1507**	-	2	**2742**	**3014**	
3 BED 4 SQUARE (BRICK) 'LEFT' UNIT	3.2.Fb-L	2	2	790	581	**1371**	867	640	**1507**	5	5	**6855**	**7535**	**51's**
'RIGHT' UNIT	3.2.Fb-R	2	2	790	581	**1371**	867	640	**1507**	-	5	**6855**	**7535**	
4 BED VICTORIAN 'LEFT' UNIT	4.2.V-L	2	3	846	757	**1603**	919	817	**1736**	2	2	**3206**	**3472**	**70's**
'RIGHT' UNIT	4.2.V-R	2	3	877	787	**1664**	951	849	**1600**	-	2	**3328**	**3600**	
4 BED COLONIAL 'LEFT' UNIT	4.2.CO-L	2	3	846	757	**1603**	919	817	**1736**	1	1	**1603**	**1736**	**71's**
'RIGHT' UNIT	4.2.CO-R	2	3	877	787	**1664**	951	849	**1800**	-	1	**1664**	**1800**	
TRIPLEX													
3 BED VICTORIAN 'LEFT' UNIT	3.3.V-L	2	2	818	611	**1429**	891	668	**1559**	2	2	**2858**	**3118**	**60's**
'MIDDLE' UNIT	3.3.V-M	2	2	802	594	**1396**	872	649	**1521**	-	2	**2792**	**3042**	
'RIGHT' UNIT	3.3.V-R	2	2	818	611	**1429**	891	668	**1559**	-	2	**2858**	**3118**	
								TOTAL		44	76	**81155**	**88354**	

UNIT SUFFIX:
- (u) = UFAS UNIT -M = MIDDLE UNIT
- -L = LEFT UNIT -R = RIGHT UNIT

NOTE: 'LEFT' & 'RIGHT' REFERS TO ORIENTATION ON A100 SHEETS - SEE ARCHITECTURAL SITE PLAN / CIVIL DWGS FOR BUILDING ORIENTATION ON SITE

76 UNITS TOTAL
5% (UFAS) = 3.8 (4) BLDGS #11, #40, #41 (5 UNITS)
2% (S&H) = 1.52 (2) BLDGS 1/2 OF #25, 26 (3 UNITS)

UNIT DESIGNATION IDENTIFICATION:



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TIME / DATE: 6/3/2020 9:17:57 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS

19035

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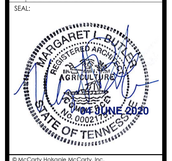
PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION
- SCALE: As indicated
- SCALE GUIDE:
- DWG ISSUED: 04 JUNE 2020
- PRJ MGR: Margaret Butler
- PA / PC: Jake Thomas / -
- DRAWN BY: Author
- CHECKED BY: Project.Checked By
- DRAWING TITLE:

COVERSHEET

DRAWING NO:

G000

BINDING EDGE

BINDING EDGE

BINDING EDGE

DWG NO.	DRAWING DESCRIPTION	REV NO.	REV DATE
GENERAL FRONT END			
G000	COVERSHEET		
G001	SHEET INDEX		
CIVIL			
CP - 1/12	MASTER PLAN		
CP - 2/12	EXISTING CONDITIONS		
CP - 3/12	DEMOLITION PLAN		
CP - 4/12	GRADING & DRAINAGE PLAN		
CP - 5/12	PARTIAL SANITARY SEWER & WATER LINES PLAN		
CP - 6/12	PARTIAL SANITARY SEWER & WATER LINES PLAN		
CP - 7/12	PARTIAL ELECTRIC, TELEPHONE & CABLE TV PLAN		
CP - 8/12	PARTIAL ELECTRIC, TELEPHONE & CABLE TV PLAN		
CP - 9/12	ROADWAY & STORMWATER PROFILES		
CP - 10/12	SEWER PROFILES		
CP - 11/12	TRAFFIC CONTROL PLAN		
CP - 12/12	DETAILS		
E - 1/5	EROSION PREVENTION/SEDIMENT CONTROL PLAN (INITIAL MEASURES)		
E - 2/5	EROSION PREVENTION/SEDIMENT CONTROL PLAN (INTERMEDIATE MEASURES)		
E - 3/5	EROSION PREVENTION/SEDIMENT CONTROL PLAN FINAL MEASURES)		
E - 4/5	EROSION PREVENTION/SEDIMENT CONTROL PLAN (SEDIMENT BASIN DETAILS)		
E - 5/5	EROSION PREVENTION/SEDIMENT CONTROL PLAN DETAILS		
SP - 1/9	MASTER PLAN		
SP - 2/9	EXISTING CONDITIONS		
SP - 3/9	PARTIAL SITE PLAN		
SP - 4/9	PARTIAL SITE PLAN		
SP - 5/9	PARTIAL GRADING & DRAINAGE PLAN		
SP - 6/9	PARTIAL GRADING & DRAINAGE PLAN		
SP - 7/9	CONSTRUCTION FACILITIES PLAN		
SP - 8/9	OPEN SPACE PLAN		
SP - 9a/9	DETAILS		
SP - 9b/9	DETAILS		
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L1.2	LANDSCAPE NOTES & DETAILS		
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L2.3	BIORETENTION PLAN 2		
L2.4	BIORETENTION PLAN 3		
L2.5	BIORETENTION PLAN 4		
L2.6	BIORETENTION PLAN 5		
L2.7	BIORETENTION PLAN 6		
L2.8	BIORETENTION PLANS & DETAILS		
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A111	1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE		
A115	1.2.C(u) - 1 BED DUPLEX PLAN & NORTH ELEVATION- CRAFTSMAN (UFAS)		
A120	2.1.V - 2 BED SINGLE PLAN - VICTORIAN		
A121	2.1.T - 2 BED SINGLE PLAN - TUDOR		
A130	2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN		
A135	2.2.C(u) - 2 BED DUPLEX PLAN - CRAFTSMAN (UFAS)		
A145	3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS)		
A150	3.2.Fa - 3 BED DUPLEX PLAN - 4 SQUARE		
A151	3.2.Fb - 3 BED DUPLEX PLAN - 4 SQUARE (BRICK)		
A160	3.3.V - 3 BED TRIPLEX PLAN - VICTORIAN		
A161	3.3.Vb - ALTERNATE PORCH PLANS, ELEVATIONS, & RCP		
A170	4.2.V - 4 BED DUPLEX PLAN - VICTORIAN		
A171	4.2.CO - 4 BED DUPLEX PLAN - COLONIAL		
A180	5.1.T - 5 BED SINGLE PLAN - TUDOR		
A210	1.2.C - 1 BED DUPLEX RCP - CRAFTSMAN		
A211	1.2.F - 1 BED DUPLEX RCP - 4 SQUARE		
A215	1.2.C(u) - 1 BED DUPLEX RCP- CRAFTSMAN (UFAS)		
A220	2.1.V - 2 BED SINGLE RCP - VICTORIAN		
A221	2.1.T - 2 BED SINGLE RCP - TUDOR		
A230	2.2.C - 2 BED DUPLEX RCP - CRAFTSMAN		
A235	2.2.C(u) - 2 BED DUPLEX RCP - CRAFTSMAN (UFAS)		
A245	3.1.CO(u) - 4 BED SINGLE RCP - COLONIAL		
A250	3.2.Fa/b - 3 BED DUPLEX RCP - 4 SQUARE		
A260	3.3.V - 3 BED TRIPLEX RCP - VICTORIAN		
A270	4.2.V - 4 BED DUPLEX RCP - VICTORIAN		
A271	4.2.CO - 4 BED DUPLEX RCP - COLONIAL		
A280	5.1.T - 5 BED SINGLE RCP - TUDOR		
A310	1.2.C - 1 BED DUPLEX ELEVATIONS - CRAFTSMAN		
A311	1.2.F - 1 BED DUPLEX ELEVATIONS - 4 SQUARE		
A320	2.1.V - 2 BED SINGLE ELEVATIONS - VICTORIAN		
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A330	2.2.C & 2.2.C(u) - 2 BED DUPLEX ELEVATIONS - CRAFTSMAN		
A345	3.1.CO - 3 BED SINGLE ELEVATIONS - COLONIAL		
A350	3.2.Fa - 3 BED DUPLEX ELEVATIONS - 4 SQUARE		
A351	3.2.Fb - 3 BED DUPLEX ELEVATIONS - 4 SQUARE (BRICK)		
A360	3.3.V - 3 BED TRIPLEX ELEVATIONS - VICTORIAN		
A370	4.2.V - 4 BED DUPLEX ELEVATIONS - VICTORIAN		
A371	4.2.CO - 4 BED DUPLEX ELEVATIONS - COLONIAL		
A380	5.1.T - 5 BED SINGLE ELEVATIONS - TUDOR		
A410	1.2.C & 1.2.C(u) - 1 BED DUPLEX DETAILS - CRAFTSMAN		
A411	1.2.F - 1 BED DUPLEX DETAILS - 4 SQUARE		
A420	2.1.V - 2 BED SINGLE DETAILS - VICTORIAN		
A421	2.1.T - 2 BED SINGLE DETAILS - TUDOR		
A430	2.2.C - 2 BED DUPLEX DETAILS - CRAFTSMAN		
A445	3.1.CO - 3 BED SINGLE DETAILS - COLONIAL		
A450	3.2.Fa - 3 BED DUPLEX DETAILS - 4 SQUARE (FIBER CEMENT)		
A451	3.2.Fb - 3 BED DUPLEX DETAILS - 4 SQUARE (BRICK)		
A460	3.3.V - 3 BED TRIPLEX DETAILS - VICTORIAN		
A470	4.2.V - 4 BED DUPLEX DETAILS - VICTORIAN		
A471	4.2.CO - 4 BED DUPLEX DETAILS - COLONIAL		
A480	5.1.T - 5 BED SINGLE DETAILS - TUDOR		
A490	WALL TYPES, TYPICAL SECTIONS / DETAILS		
A492	TYPICAL WALL SECTIONS & DETAILS		
A690	STAIR SECTIONS & DETAILS		

DWG NO.	DRAWING DESCRIPTION	REV NO.	REV DATE
A790	DOOR & WINDOW TYPES		
A791	DOOR DETAILS		
A792	WINDOW DETAILS		
A810	1.2.C - ENLARGED PLANS & INTERIOR ELEVATIONS		
A811	1.2.F - ENLARGED PLANS & INTERIOR ELEVATIONS		
A815	1.2.C(u) - ENLARGED PLANS & INTERIOR ELEVATIONS		
A820	2.1.V - ENLARGED PLANS & INTERIOR ELEVATIONS		
A821	2.1.T - ENLARGED PLANS & INTERIOR ELEVATIONS		
A830	2.2.C - ENLARGED PLANS & INTERIOR ELEVATIONS		
A835	2.2.C(u) - ENLARGED PLANS & INTERIOR ELEVATIONS		
A845	3.1.CO(u) - ENLARGED PLANS & INTERIOR ELEVATIONS		
A850	3.2.F(a/b) - ENLARGED PLANS & INTERIOR ELEVATIONS		
A860	3.3.V - ENLARGED PLANS & INTERIOR ELEVATIONS		
A870	4.2.V/CO - ENLARGED PLANS & INTERIOR ELEVATIONS		
A880	5.1.T - ENLARGED PLANS & INTERIOR ELEVATIONS		
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S005	WOOD TYPICAL DETAILS		
S006	WOOD TYPICAL DETAILS		
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S111	1 BED DUPLEX - 4 SQUARE FOUNDATION & ROOF FRAMING PLAN		
S115	1 BED DUPLEX CRAFTSMAN (UFAS) FOUNDATION & ROOF FRAMING PLAN		
S120	2 BED SINGLE - VICTORIAN FOUNDATION & ROOF FRAMING PLAN		
S121	2 BED SINGLE - TUDOR FOUNDATION & ROOF FRAMING PLAN		
S130	2 BED DUPLEX - CRAFTSMAN FOUNDATION & ROOF FRAMING PLAN		
S135	2 BED DUPLEX - CRAFTSMAN (UFAS) FOUNDATION & ROOF FRAMING PLAN		
S145	3 BED SINGLE - COLONIAL FOUNDATION & ROOF FRAMING PLAN		
S150	3 BED DUPLEX - 4 SQUARE FOUNDATION & SECOND FRAMING PLAN		
S151	3 BED DUPLEX - 4 SQAURE ROOF FRAMING PLAN		
S152	3 BED DUPLEX - 4 SQUARE (BRICK) FOUNDATION & FRAMIING PLAN		
S153	3 BED DUPLEX - 4 SQUARE (BRICK) ROOF FRAMING PLAN		
S159	3 BED TRIPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN		
S160	3 BED TRIPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN		
S161	3 BED TRIPLEX - VICTORIAN ROOF FRAMING PLAN		
S170	4 BED DUPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN		
S171	4 BED DUPLEX - VICTORIAN ROOF FRAMING PLAN		
S172	4 BED DUPLEX - COLONIAL FOUNDATION & SECOND FLOOR FRAMING PLAN		
S173	4 BED DUPLEX - COLONIAL ROOF FRAMING PLAN		
S180	5 BED SINGLE - FOUNDATION & SECOND FLOOR FRAMING PLAN		
S181	5 BED SINGLE - ROOF FRAMING PLAN		
S201	SECTIONS & DETAILS		
S202	SECTIONS & DETAILS		
S203	SECTIONS & DETAILS		
S204	SECTION & DETAILS		
S205	SECTION & DETAILS		
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M001	MECHANICAL NOTES, LEGENDS, SCHEDULES, AND DETAILS		
M002	MECHANICAL DETAILS		
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M111	1.2.F - 1 BED DUPLEX MECHANICALPLAN - 4 SQUARE		
M115	1.2.C(u) - 1 BED DUPLE MECHANICAL PLAN - CRAFTSMAN (UFAS)		
M120	2.1.V - 2 BED SINGLE MECHANICAL PLAN - VICTORIAN		
M121	2.1.T - 2 BED SINGLE MECHANICAL PLAN - TUDOR		
M130	2.2.C - 2 BED DUPLEX MECHANICAL PLAN - CRAFTSMAN		
M135	2.2.C(u) - 2 BED DUPLEX MECHANICAL PLAN - CRAFTSMAN (UFAS)		
M145	3.1.CO(u) - 3 BED SINGLE MECHANICAL PLAN - COLONIAL (UFAS)		
M150	3.2.Fa - 3 BED DUPLEX MECHANICAL PLAN - 4 SQUARE		
M151	3.2.Fb - 3 BED DUPLEX MECHANICAL PLAN - 4 SQUARE (BRICK)		
M160	3.3.V - 3 BED TRIPLEX MECHANICAL PLAN - VICTORIAN		
M170	4.2.V - 4 BED DUPLEX MECHANICAL PLAN - VICTORIAN		
M171	4.2.CO - 4 BED DUPLEX MECHANICAL PLAN - COLONIAL		
M180	5.1.T - 5 BED SINGLE MECHANICAL PLAN - TUDOR		
PLUMBING			
P001	PLUMBING SCHEDULES, NOTES AND DETAILS		
P110	1.2.C - 1 BED DUPLEX PLAN - CRAFTSMAN SANITARY		
P111	1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE SANITARY		
P115	1.2.C(u) - 1 BED DUPLE PLAN - CRAFTSMAN (UFAS) SANITARY		
P120	2.1.V - 2 BED SINGLE PLAN - VICTORIAN SANITARY		
P121	2.1.T - 2 BED SINGL PLAN - TUDOR SANITARY		
P130	2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN SANITARY		
P135	2.2.C(u) - 2 BED DUPLEXL PLAN - CRAFTSMAN (UFAS) SANITARY		
P145	3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS) SANITARY		
P150	3.2.Fa - 3 BED DUPLEX PLAN - 4 SQUARE SANITARY		
P151	3.2.Fb - 3 BED DUPLEXL PLAN - 4 SQUARE (BRICK) SANITARY		
P160	3.3.V - 3 BED TRIPLEX PLAN - VICTORIAN SANITARY		
P170	4.2.V - 4 BED DUPLEX PLAN - VICTORIAN SANITARY		
P171	4.2.CO - 4 BED DUPLEX PLAN - COLONIAL SANITARY		
P180	5.1.T - 5 BED SINGLE PLAN - TUDOR SANITARY		
P210	1.2.C - 1 BED DUPLEX PLAN - CRAFTSMAN DOMESTIC WATER		
P211	1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE DOMESTIC WATER		
P215	1.2.C(u) - 1 BED DUPLE PLAN - CRAFTSMAN (UFAS) DOMESTIC WATER		
P220	2.1.V - 2 BED SINGLE PLAN - VICTORIAN DOMESTIC WATER		
P221	2.1.T - 2 BED SINGL PLAN - TUDOR DOMESTIC WATER		
P230	2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN DOMESTIC WATER		
P235	2.2.C(u) - 2 BED DUPLEXL PLAN - CRAFTSMAN (UFAS) DOMESTIC WATER		
P245	3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS) DOMESTIC WATER		
P250	3.2.Fa - 3 BED DUPLEX PLAN - 4 SQUARE DOMESTIC WATER		
P251	3.2.Fb - 3 BED DUPLEXL PLAN - 4 SQUARE (BRICK) DOMESTIC WATER		
P260	3.3.V - 3 BED TRIPLEX PLAN - VICTORIAN DOMESTIC WATER		
P270	4.2.V - 4 BED DUPLEX PLAN - VICTORIAN DOMESTIC WATER		
P271	4.2.CO - 4 BED DUPLEX PLAN - COLONIAL DOMESTIC WATER		
P280	5.1.T - 5 BED SINGLE PLAN - TUDOR DOMESTIC WATER		
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E001	ELECTRICAL LEGEND AND SCHEDULE		
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E111	1.2.F - 1 BED DUPLEX ELECTRICAL PLAN - 4 SQUARE		
E115	1.2.C(u) - 1 BED DUPLEX ELECTRICAL PLAN - CRAFTSMAN (UFAS)		
E120	2.1.V - 2 BED SINGLE ELECTRICAL PLAN - VICTORIAN		
E121	2.1.T - 2 BED SINGLE ELECTRICAL PLAN - TUDOR		
E130	2.2.C - 2 BED DUPLEX ELECTRICAL PLAN - CRAFTSMAN		
E135	2.2.C(u) - 2 BED DUPLEX ELECTRICAL PLAN - CRAFTSMAN (UFAS)		
E145	3.1.CO(u) - 3 BED SINGLE ELECTRICAL PLAN - COLONIAL (UFAS)		
E150	3.1.Fa - 3 BED DUPLEX ELECTRICAL PLAN - 4 SQUARE		
E151	3.1.Fb - 3 BED DUPLEX ELECTRICAL PLAN - 4 SQUARE (BRICK)		
E160	3.3.V - 3 BED TRIPLEX ELECTRICAL PLAN - VICTORIAN		
E170	4.2.V - 4 BED DUPLEX ELECTRICAL PLAN - VICTORIAN		
E171	4.2.CO - 4 BED DUPLEX ELECTRICAL PLAN - COLONIAL		
E180	5.1.T - 5 BED SINGLE ELECTRICAL PLAN - TUDOR		
ES100	SITE LIGHTING		
ES110	SITE LIGHTING PLAN		
ES111	SITE LIGHTING PLAN CONTINUED		

Grand total: 222

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

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KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	
SCALE GUIDE:	
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PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

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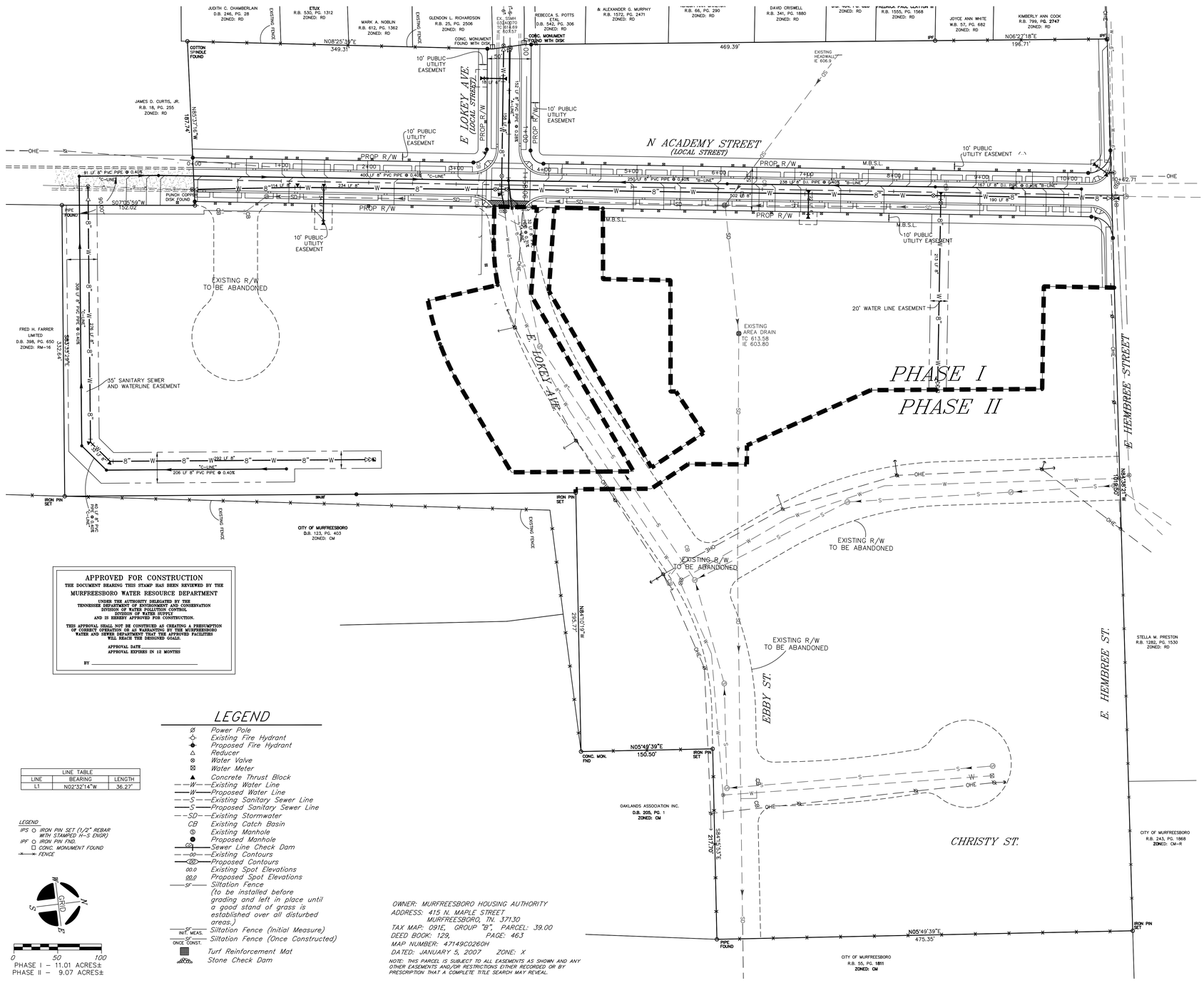
BINDING EDGE

BINDING EDGE



LEGEND

- Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- —SD— Existing Stormwater
- CB Existing Catch Basin
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- —00— Existing Contours
- Proposed Contours
- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- SF INIT. MEAS. Siltation Fence (Initial Measure)
- SF ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

LINE TABLE

LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND

IPS IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)

IPF IRON PIN FND.

CONC. MONUMENT FOUND

FENCE

0 50 100

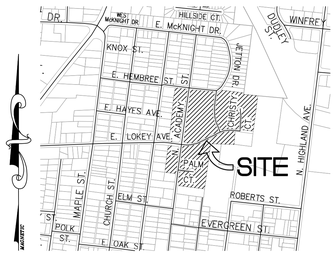
PHASE I – 11.01 ACRES±

PHASE II – 9.07 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

APPROVED FOR CONSTRUCTION
THE DOCUMENT BEARING THIS STAMP HAS BEEN REVIEWED BY THE
MURFREESBORO WATER RESOURCE DEPARTMENT
UNDER THE AUTHORITY DELEGATED BY THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER POLLUTION CONTROL DIVISION OF WATER SUPPLY AND IS HEREBY APPROVED FOR CONSTRUCTION.
THIS APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION OF CORRECT OPERATION OR AS WARRANTING BY THE MURFREESBORO WATER AND SEWER DEPARTMENT THAT THE APPROVED FACILITIES WILL REACH THE DESIGNED GOALS.
APPROVAL DATE _____
APPROVAL EXPIRES IN 12 MONTHS
BY _____



LOCATION MAP

N.T.S.

NOTES

1. In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in Excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
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3. This property may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.

1. The contractor shall immediately notify the engineer of any descrepencies between these plans (or anything associated with these plans, E.G. Cut Sheets) and the field conditions found prior to or during construction.
2. Apparent errors, discrepancies, or omissions on the construction plans (or anything associated with these plans, E.G. Cut Sheets) shall be brought to the attention of the engineer immediately after being discovered. The contractor may not use apparent error, discrepancies, or omissions for additional charges. The engineer shall be permitted to make corrections and interpretations as may be deemed necessary for the fulfillment of the intent of the construction plans. Any proposed remediations shall first be reviewed by the engineer.

APPROVED FOR CONSTRUCTION
THE PLANS BEARING THIS STAMP HAS BEEN REVIEWED BY THE
MURFREESBORO ENGINEERING DEPARTMENT
AND ARE HEREBY APPROVED FOR CONSTRUCTION
THIS REVIEW AND APPROVAL IS FOR GENERAL COMPLIANCE WITH THE APPLICABLE POLICIES AND REGULATIONS OF THE MURFREESBORO ENGINEERING DEPARTMENT AND ASSUMES THAT THE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AS EVIDENCED BY THE SIGNED SEAL OF THE ENGINEER OF RECORD. THIS APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION OF CORRECT OPERATION OR AS WARRANTING BY THE MURFREESBORO ENGINEERING DEPARTMENT THAT THE APPROVED FACILITIES WILL REACH THE DESIGNED GOALS.
APPROVAL DATE _____
APPROVAL EXPIRES IN 12 MONTHS
BY _____

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

MASTER PLAN
OAKLAND COURT
PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

TIME / DATE: 1/28/2020 11:49:39 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: S8C-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions of job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

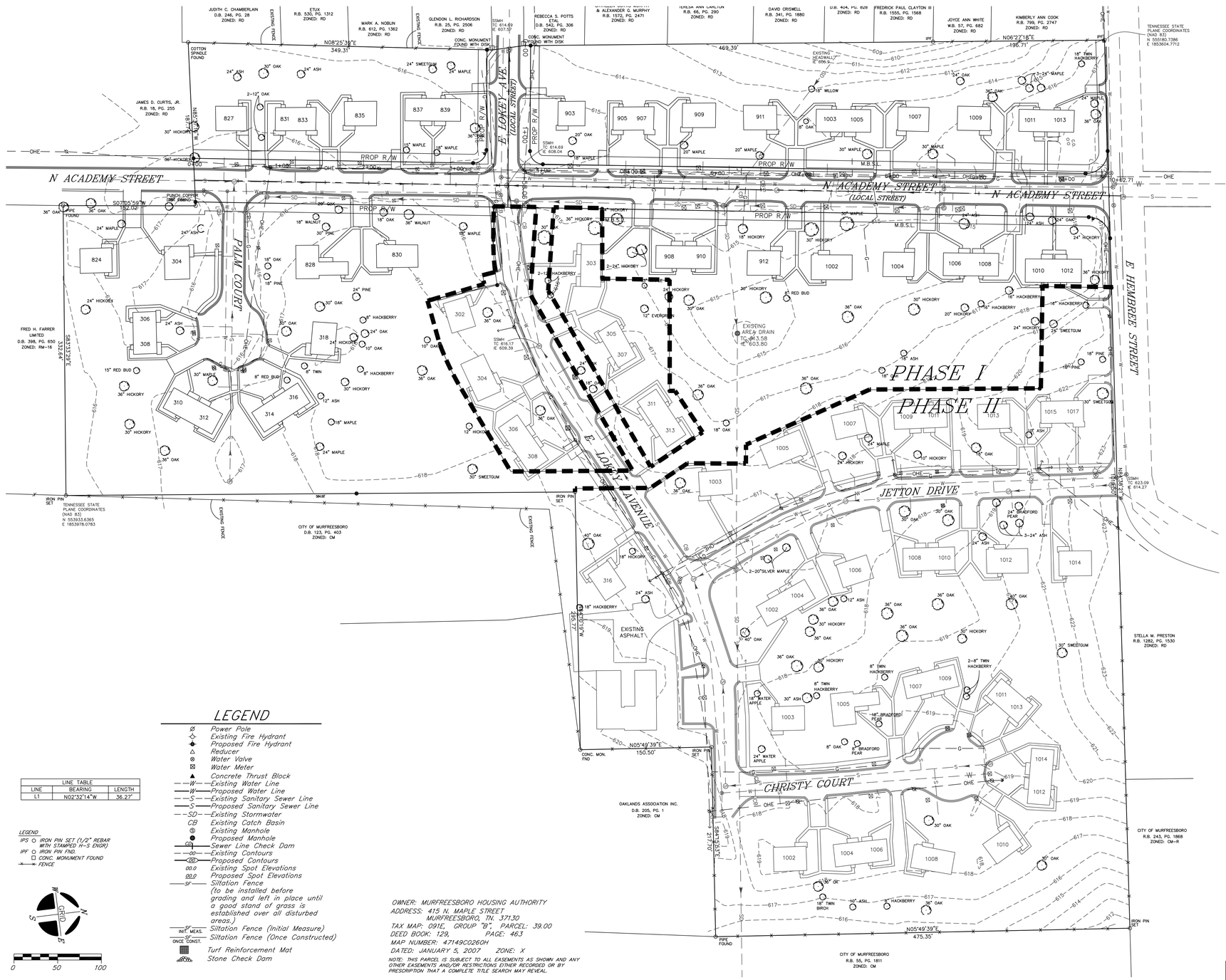
DRAWING TITLE:

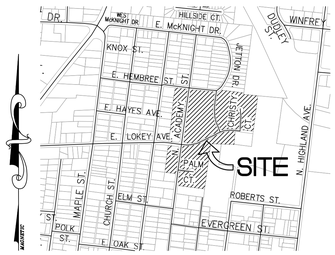
DRAWING NO:
SH. CP1 OF CP12

BINDING EDGE

BINDING EDGE

BINDING EDGE





LOCATION MAP

N.T.S.

NOTES

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LEGEND

- Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- Existing Water Line
- Proposed Water Line
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- Existing Contours
- Proposed Contours
- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
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- Turf Reinforcement Mat
- Stone Check Dam

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND

- IPS IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
- IPF IRON PIN FND.
- CONC. MONUMENT FOUND
- FENCE

GRID N, E, S, W

0 50 100

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

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WILLIAM H. HUDDLESTON IV REGISTERED LAND SURVEYOR TENNESSEE No. 1630

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

EXISTING CONDITIONS

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	Margaret Butler
EMAIL:	mbutler@mhminc.com
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: 38C-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

© McCarty Holsaple McCarty, Inc.
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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:

SH. CP2 OF CP12

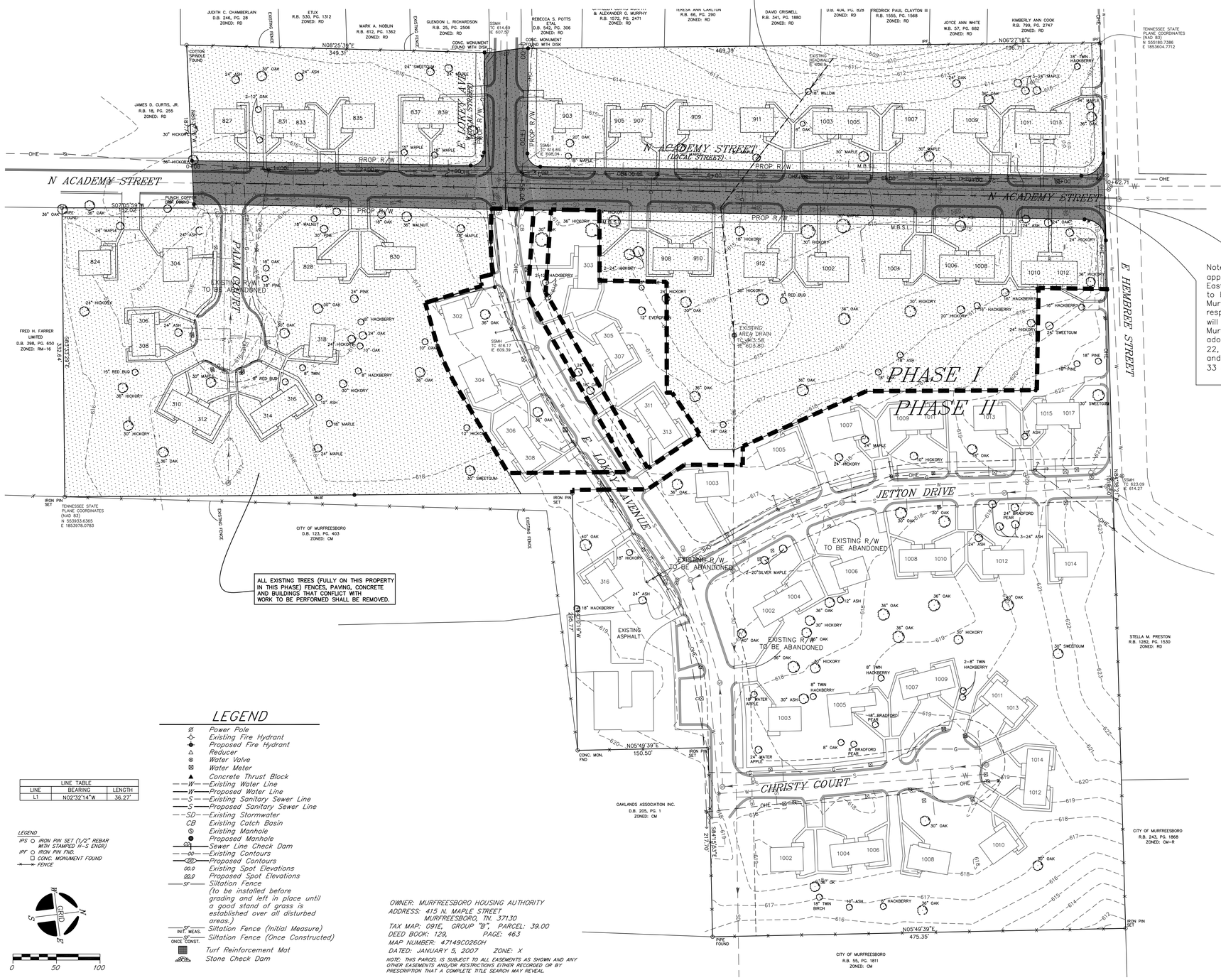
TIME / DATE: 1/29/2020 11:49:59 AM

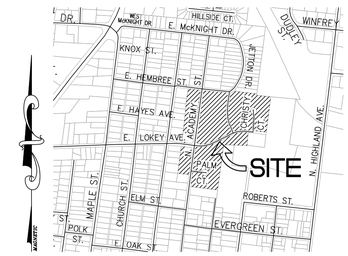
BINDING EDGE

BINDING EDGE

BINDING EDGE

NOTE: EXISTING STORM DRAIN OUTLINED HERE WITH BOLD DASHED LINE IS TO REMAIN UNTIL PROPOSED STORM DRAIN ALONG WEST PROPERTY LINE AND ON THE NORTH SIDE OF EAST LOKEY AVENUE IS INSTALLED.





LOCATION MAP

N.T.S.

Note: All roadways and utilities (including appurtenances) within North Academy Street and East Lokey Avenue rights-of-way shaded here are to be removed. Coordinate with the City of Murfreesboro Engineering Department and the respective utility companies. All backfill requirments will need to be coordinated with the "City of Murfreesboro, Street Design Specifications, As adopted by Murfreesboro Planning Commission July 22, 2009" under Section 3 "Technical Specifications," and the respective utility companies listed in Section 33 80 00 of the "Civil Design Specifications".

NOTES

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SPECIAL NOTE

EXISTING BUILDINGS, SIDEWALKS, AND DRIVEWAYS NOT IN PUBLIC RIGHT-OF-WAY TO BE REMOVED BY OTHERS. ALSO PALM COURT PAVEMENT, CURBS AND SIDEWALKS REMOVED BY OTHERS.

LEGEND

- Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- Existing Water Line
- Proposed Water Line
- Existing Sanitary Sewer Line
- Proposed Sanitary Sewer Line
- Existing Stormwater
- CB Existing Catch Basin
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- Existing Contours
- Proposed Contours
- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- INIT. MEAS. Siltation Fence (Initial Measure)
- ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND
- IPS IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
- IPF IRON PIN FND.
- CONC. MONUMENT FOUND
- FENCE

0 50 100

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

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WILLIAM H. HUDDLESTON IV REGISTERED ENGINEER No. 16381 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

DEMOLITION PLAN

OAKLAND COURT

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: 38C-000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

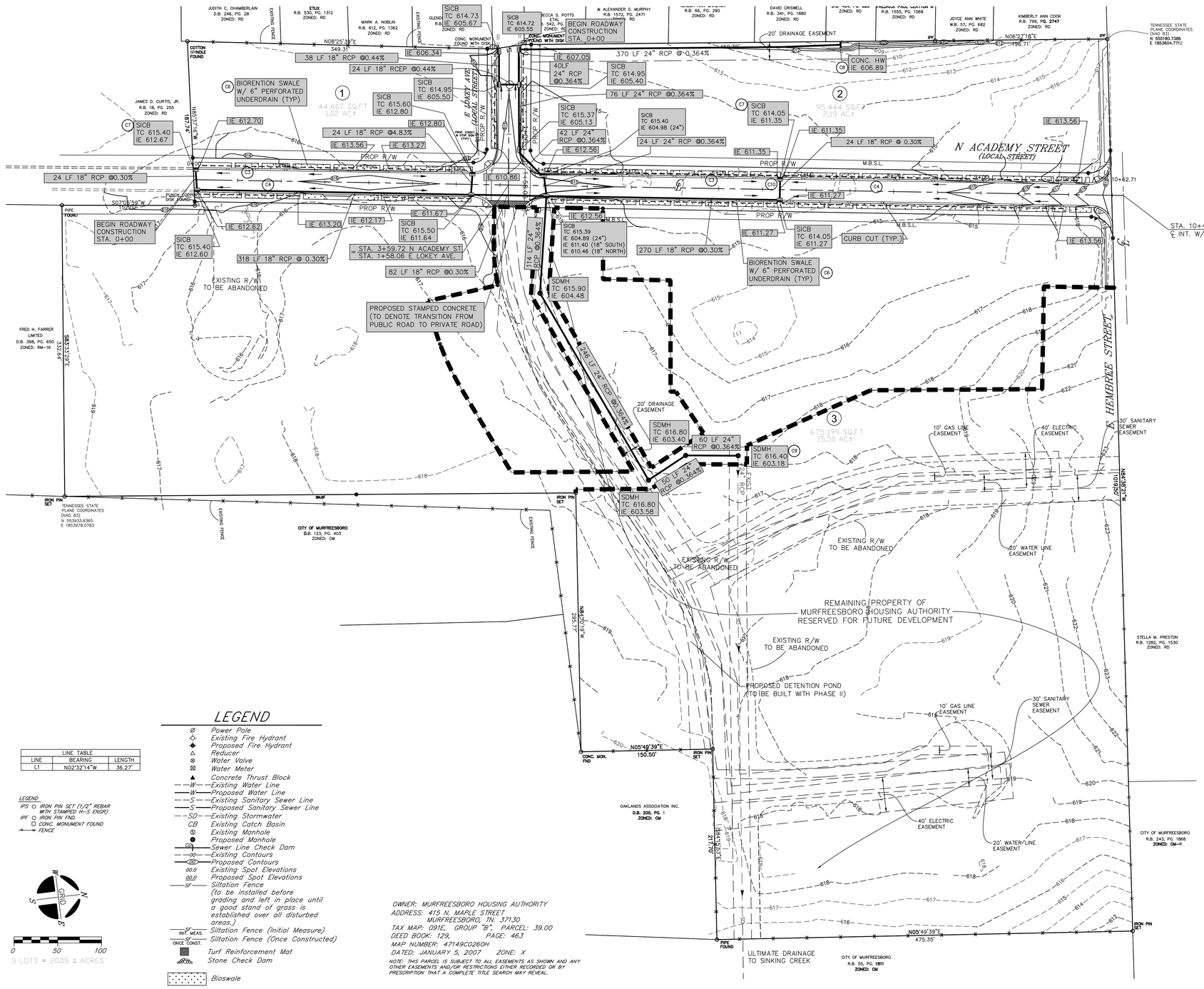
DRAWING NO:
SH. CP3 OF CP12

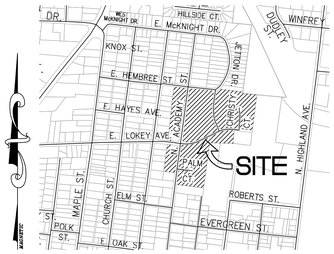
TIME / DATE: 1/29/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE





LOCATION MAP

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Under the current adopted plumbing code, the City of Murfreesboro requires the minimum floor elevation (M.F.E.) to be set at or above the top of casting elevation of the nearest manhole that is upstream of the sewer service connection. As an alternative, the homeowner shall install a backwater valve per the plumbing code and execute and record a release of indemnification against the City of Murfreesboro with regards to the sanitary sewer connection. The builder and/or homeowner shall be responsible for compliance with this requirement.

LINE TABLE

LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND

IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
IPF ○ IRON PIN FND.
☐ CONC. MONUMENT FOUND
FENCE

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
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- —S— Proposed Sanitary Sewer Line
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- —SF— INIT. MEAS. Siltation Fence (Initial Measure)
- —SF— ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam
- Bioswale

GRID N, E, S, W

0 50 100

3 LOTS = 20.08 ± ACRES

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
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WILLIAM H. HUDDLESTON IV REGISTERED LAND SURVEYOR AGRICULTURE TENNESSEE No. 1630 DATE 1-28-2020

WILLIAM H. HUDDLESTON IV REGISTERED ENGINEER AGRICULTURE TENNESSEE No. 102 DATE 1-28-2020 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

GRADING & DRAINAGE PLAN

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: S8C-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

DRAWING NO:

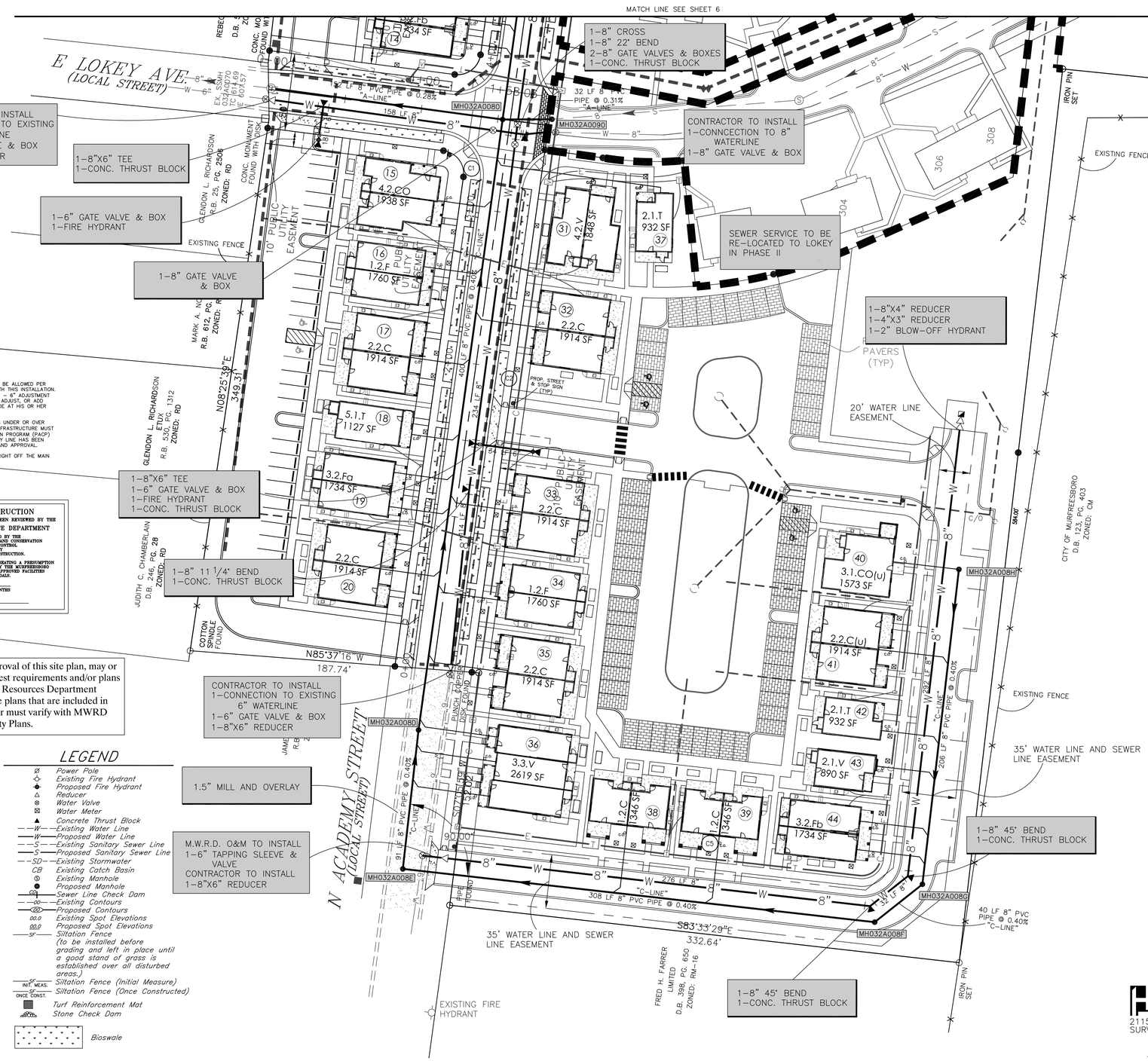
SH. CP4 OF CP12

TIME / DATE: 1/28/2020 11:49:39 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE



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1. Complete specifications for the water lines, "Water Line Specifications and Drawings", February 2019 Ed., are on file at the Murfreesboro Water & Sewer Department Engineering Annex and can also be found online at http://www.murfreesboroтn.gov/index.aspx?NID=286.

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3. Water & Sewer construction must be in accordance with all MWSD specifications and drawings.

4. Concerning water line construction, restraints such as rods or kickers shall be installed at any change in direction where fittings are required, at all dead–ends, and at any location as directed by the Water & Sewer Department.

5. Contractor must have a State of Tennessee license, Municipal Utility (MU) classification, to perform work.

6. All main line water taps will be made by the Murfreesboro Water & Sewer Department.

7. Under the current adopted plumbing code, the City of Murfreesboro requires the minimum floor elevation (M.F.E.) to be set at or above the top of casting elevation of the nearest manhole that is upstream of the sewer service connection. As an alternative, the homeowner shall install a backwater valve per the plumbing code and execute and record a release of indemnification against the City of Murfreesboro with regards to the sanitary sewer connection. The builder and/or homeowner shall be responsible for compliance with this requirement.

8. Trench check dams, as called out in the MWSD Specifications, are to be installed at the discretion of the Water & Sewer Department.

9. The existing sewer mains and/or manholes must be (tested / televised) before and after construction. Should the sewer not be (tested / televised) prior to construction any defects found after construction will be the responsibility of the contractor to repair at his or her expense.

10. All proposed manholes must be wrapped in a Conseal, or an approved equal, 12" minimum water and soil barrier wrap at each manhole section joint and at any other manhole component as directed by MWSD.

11. No more than 25 percent of the dollar amount of the Contract may be awarded to subcontractors

12. A maximum of 2 – 6" (6 in.) adjustment rings will be allowed per any existing or proposed manholes associated with this installation. If any manhole requires adjustment beyond the 2 – 6" adjustment rings allowed then the contractor must remove, adjust, or add barrel sections to the manhole to get it to grade at his or her own expense.

13. All newly constructed sanitary sewer mains, rehabilitated sanitary sewer laterals and mains, existing sanitary sewer mains that intersect under or over a newly constructed or removed utility, or any sewer main that has been physically altered in any way must be fully televised via an in–line Closed Circuit Television (CCTV) post construction survey fully compliant with the guidelines set forth by the North American Sanitary Sewer Companies' (NASSCO) Pipeline Assessment Certification Program (PACP) at the expense of the contactor.

A MAXIMUM OF 2 – 6" (6 IN.) ADJUSTMENT RINGS WILL BE ALLOWED PER ANY EXISTING OR PROPOSED MANHOLES ASSOCIATED WITH THIS INSTALLATION. IF ANY MANHOLE REQUIRES ADJUSTMENT BEYOND THE 2 – 6" ADJUSTMENT RINGS ALLOWED THEN THE CONTRACTOR MUST REMOVE, ADJUST, OR ADD BARREL SECTIONS TO THE MANHOLE TO GET IT TO GRADE AT HIS OR HER OWN EXPENSE.

THE EXISTING SANITARY SEWER MAINS THAT WILL CROSS UNDER OR OVER THE NEWLY CONSTRUCTED UTILITY MAIN(S) OR OTHER INFRASTRUCTURE MUST UNDERGO AN INLINE PIPELINE ASSESSMENT CERTIFICATION PROGRAM (PACP) CCTV SURVEY AFTER CONSTRUCTION OF THE NEW UTILITY LINE HAS BEEN COMPLETED AND BE SUBMITTED TO MWRD FOR REVIEW AND APPROVAL.

SEWER SERVICES WILL BE PRIVATE PAST THE 45°BEND RIGHT OFF THE MAIN ALONG PRIVATE STREETS.

Under the current adopted plumbing code, the City of Murfreesboro requires the minimum floor elevation (M.F.E.) to be set at or above the top of casting elevation of the nearest manhole that is upstream of the sewer service connection. As an alternative, the homeowner shall install a backwater valve per the plumbing code and execute and record a release of indemnification against the City of Murfreesboro with regards to the sanitary sewer connection. The builder and/or homeowner shall be responsible for compliance with this requirement.

HUDDLESTON–STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

SANITARY SEWER & WATER LINES PLAN

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=30'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:
SH. CP5 OF CP12

TIME / DATE: 1/29/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE

A MAXIMUM OF 2 – 6" (6 IN.) ADJUSTMENT RINGS WILL BE ALLOWED PER ANY EXISTING OR PROPOSED MANHOLES ASSOCIATED WITH THIS INSTALLATION. IF ANY MANHOLE REQUIRES ADJUSTMENT BEYOND THE 2 – 6" ADJUSTMENT RINGS ALLOWED THEN THE CONTRACTOR MUST REMOVE, ADJUST, OR ADD BARREL SECTIONS TO THE MANHOLE TO GET IT TO GRADE AT HIS OR HER OWN EXPENSE.

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NOTE: Planning department approval of this site plan, may or may not adequately reflect the latest requirements and/or plans approved by Murfreesboro Water Resources Department (MWRD). This also applies to site plans that are included in the building permit set. Contractor must varify with MWRD that they are using approved Utility Plans.

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- △ Reducer
- ⊗ Water Valve
- Water Meter
- ▲ Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- —SD— Existing Stormwater
- CB Existing Catch Basin
- Ⓢ Existing Manhole
- ● Proposed Manhole
- CD Sewer Line Check Dam
- 00 Existing Contours
- 00 Proposed Contours
- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- SF Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- SF INIT. MEAS. Siltation Fence (Initial Measure)
- SF ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam
- Bioswale

NOTE:
BIO-SWALES ALONG LOKEY AND ACADEMY ONLY (SEE DETAIL SHEET FOR BIO-SWALE DEPTH)

NOTE:
CONTRACTOR IS TO COORDINATE WATER AND SEWER SERVICES WITH ARCHITECT AND M.W.R.D.

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND
- IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
- IPF ○ IRON PIN FND.
- □ CONC. MONUMENT FOUND
- —x— FENCE

N / GRID / W E / S

0 30 60

PHASE I – 11.01 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

TIME / DATE: 1/28/2020 11:49:59 AM

NOTES

1. In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in Excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
2. Underground utilities shown were located using available aboveground evidence, as well as from information obtained from the respective utility companies. The existence or nonexistence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
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APPROVED FOR CONSTRUCTION
THE DOCUMENT BEARING THIS STAMP HAS BEEN REVIEWED BY THE
MURFREESBORO WATER RESOURCE DEPARTMENT
UNDER THE AUTHORITY DELEGATED BY THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER POLLUTION CONTROL DIVISION OF WATER SUPPLY AND IS HEREBY APPROVED FOR CONSTRUCTION.
THIS APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION OF CORRECT OPERATION OR AS WARRANTING BY THE MURFREESBORO WATER AND SEWER DEPARTMENT THAT THE APPROVED FACILITIES WILL REACH THE DESIGNED GOALS.
APPROVAL DATE__________
APPROVAL EXPIRES IN 12 MONTHS
BY ______________________

WILLIAM H. HUDDLESTON IV · REGISTERED ENGINEER · AGRICULTURE · COMMERCE · CERTIFICATE NO. 20745 · STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

SANITARY SEWER & WATER LINES PLAN

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	Margaret Butler
EMAIL:	mbutler@mhminc.com
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	
SCALE GUIDE:	SCALE: 1"=30'
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:
SH. CP6 OF CP12

BINDING EDGE

BINDING EDGE

BINDING EDGE

NOTES

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3. This property may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.

UTILITY TRENCH

(NOT TO SCALE)

NOTES:
1. ELECTRIC, TELEPHONE, & CABLE CONDUITS ARE TO BE INSTALLED BY THE CONTRACTOR.
2. TELEPHONE & CABLE PEDESTALS/VAULTS WILL BE INSTALLED BY THE RESPECTIVE UTILITY COMPANIES AT THE ELECTRIC VAULT LOCATIONS.

PROPOSED Power Pole
PROPOSED REGULAR SECONDARY VAULT
PROPOSED LARGE SECONDARY VAULT
PROPOSED PAD MOUNTED TRANSFORMER
PROPOSED 1PH PRIMARY VAULT
PROPOSED 3PH PRIMARY VAULT
PROPOSED TRENCH

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND
IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
IPF ○ IRON PIN FND.
□ CONC. MONUMENT FOUND
FENCE

LEGEND

Power Pole
Existing Fire Hydrant
Proposed Fire Hydrant
Reducer
Water Valve
Water Meter
Concrete Thrust Block
Existing Water Line
Proposed Water Line
Existing Sanitary Sewer Line
Proposed Sanitary Sewer Line
Existing Stormwater
Existing Catch Basin
Existing Manhole
Proposed Manhole
Sewer Line Check Dam
Existing Contours
Proposed Contours
Existing Spot Elevations
Proposed Spot Elevations
Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
INIT. MEAS. *Siltation Fence (Initial Measure)*
ONCE CONST. *Siltation Fence (Once Constructed)*
Turf Reinforcement Mat
Stone Check Dam

N
W GRID E
S

0 30 60
PHASE I - 11.01 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X
NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

WILLIAM H. HUDDLESTON III
REGISTERED ENGINEER
AND LAND SURVEYOR
NO. 101319
STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

ELECTRIC, TELEPHONE, & CABLE TV PLAN

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

TIME / DATE: 1/28/2020 11:49:59 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	*SCALE: 1"=30'*
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By.
DRAWING TITLE:	

DRAWING NO:
SH. CP7 OF CP12

BINDING EDGE

BINDING EDGE

BINDING EDGE

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
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- —W— Existing Water Line
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- —00— Existing Contours
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- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- SF INIT. MEAS. Siltation Fence (Initial Measure)
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L1	N02°32'14"W	36.27'

LEGEND
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- IPF ○ IRON PIN FND.
- ☐ CONC. MONUMENT FOUND
- x FENCE

N GRID W E S

0 30 60

PHASE I – 11.01 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
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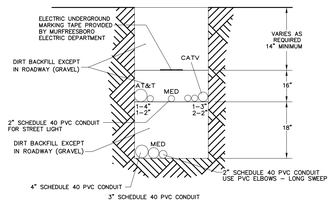

UTILITY TRENCH

(NOT TO SCALE)

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2. TELEPHONE & CABLE PEDESTALS/VAULTS WILL BE INSTALLED BY THE RESPECTIVE UTILITY COMPANIES AT THE ELECTRIC VAULT LOCATIONS.

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- PROPOSED PAD MOUNTED TRANSFORMER
- PROPOSED 1PH PRIMARY VAULT
- PROPOSED 3PH PRIMARY VAULT
- —T—E—C— PROPOSED TRENCH

WILLIAM B. HUDDLESTON II REGISTERED ENGINEER NO. 102370 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

ELECTRIC, TELEPHONE, & CABLE TV PLAN

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

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ARCHITECTS & INTERIOR DESIGNERS
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PROJECT INFORMATION
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OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

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DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
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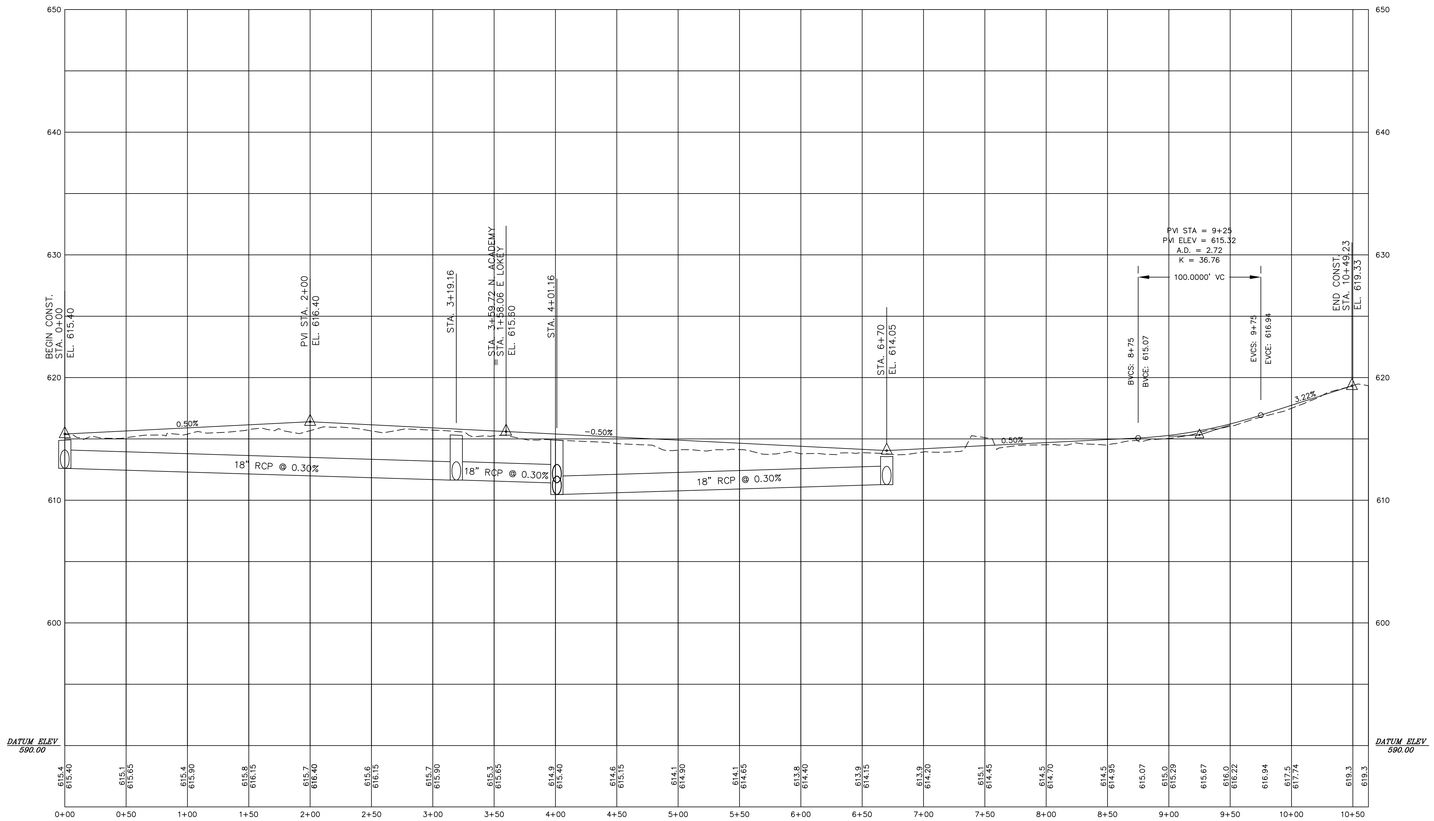
DRAWING NO:	SH. CP8 OF CP12

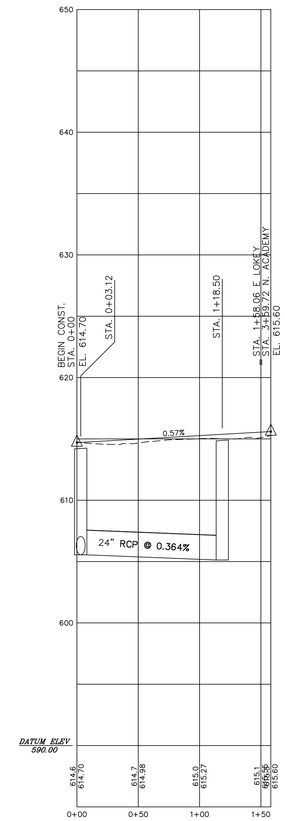
TIME / DATE: 1/28/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE





McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	Margaret Buffer
EMAIL:	mbuffer@mhminc.com
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINSTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

WILLIAM H. HUDDLESTON III
REGISTERED ENGINEER
AGRICULTURE
No. 104 04
DATE OF SEALING
STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

ROADWAY & STORMWATER PROFILES

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

DRAWING INFORMATION

SCALE:	*SCALE: 1"=50' (HOR.) 1"=5' (VERT.)*
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Buffer
PA / PC:	Jake Thornton PE
DRAWN BY:	
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:

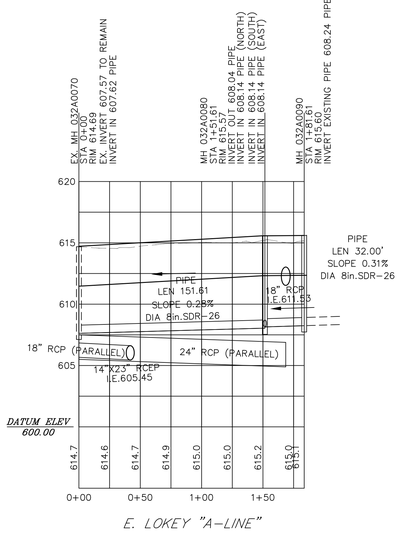
SH. CP9 OF CP12

TIME / DATE: 1/29/2020 11:49:59 AM

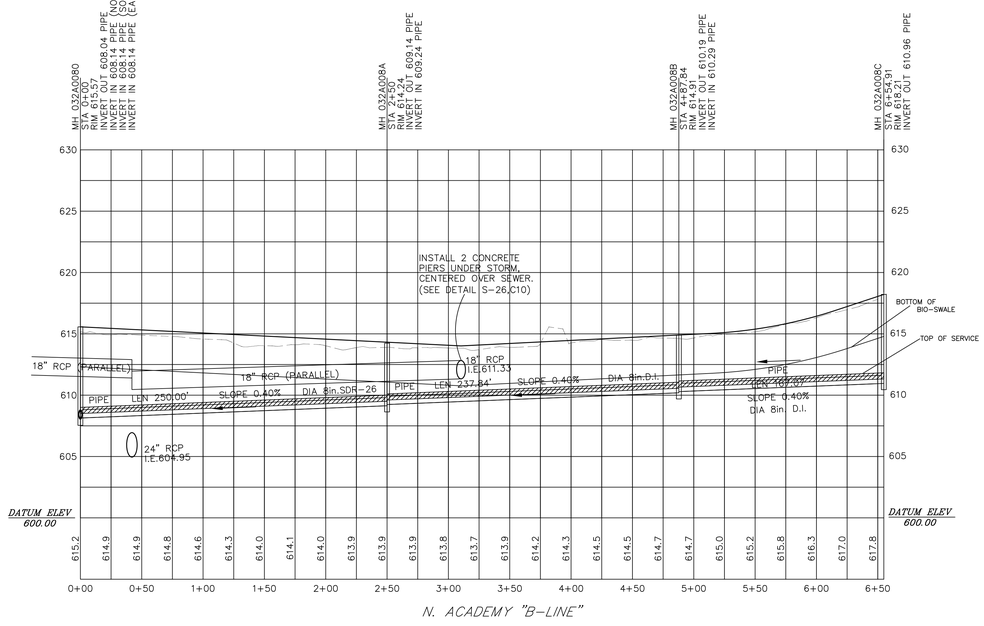
BINDING EDGE

BINDING EDGE

BINDING EDGE



E. LOKEY "A-LINE"



N. ACADEMY "B-LINE"

APPROVED FOR CONSTRUCTION

THE DOCUMENT BEARING THIS STAMP HAS BEEN REVIEWED BY THE

MURFREESBORO WATER RESOURCE DEPARTMENT

UNDER THE AUTHORITY DELEGATED BY THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER POLLUTION CONTROL DIVISION OF WATER SUPPLY AND IS HEREBY APPROVED FOR CONSTRUCTION.

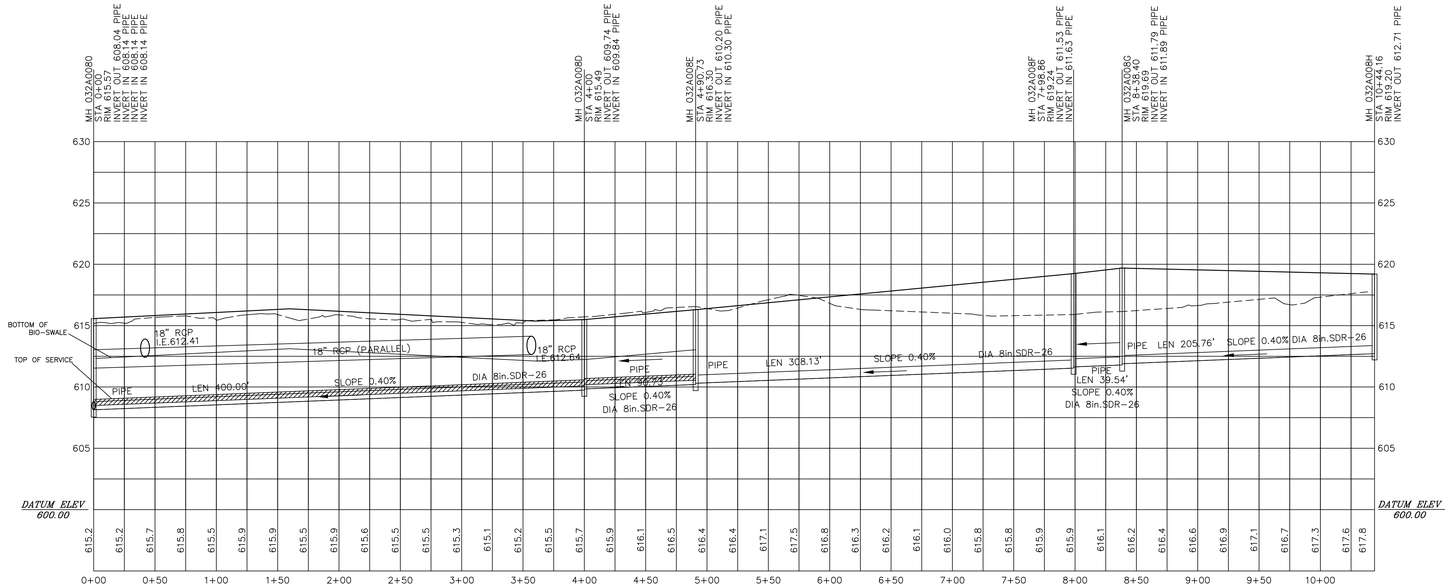
THIS APPROVAL SHALL NOT BE CONSTRUED AS CREATING A PRESUMPTION OF CORRECT OPERATION OR AS WARRANTING BY THE MURFREESBORO WATER AND SEWER DEPARTMENT THAT THE APPROVED FACILITIES WILL REACH THE DESIGNED GOALS.

APPROVAL DATE
APPROVAL EXPIRES IN 12 MONTHS

BY _____

NOTES

1. In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in Excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
2. Underground utilities shown were located using available aboveground evidence, as well as from information obtained from the respective utility companies. The existence or nonexistence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
3. This property may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.



N. ACADEMY "C-LINE"

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

WILLIAM H. HUDDLESTON IV
REGISTERED ENGINEER
AUTHORIZED
NO. 101 DATE 1-20-20
STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

SEWER PROFILES

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

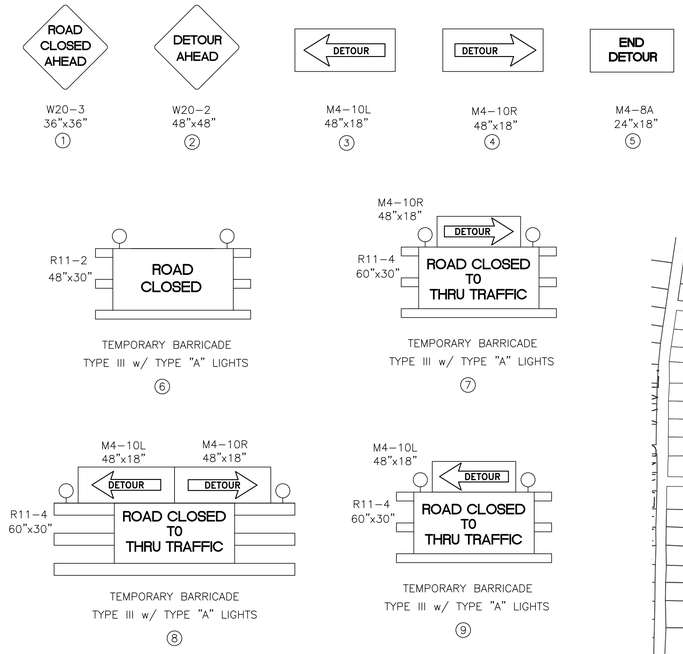
DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

DRAWING NO:
SH. CP10 OF CP12

TIME / DATE: 1/29/2020 11:49:59 AM



TRAFFIC CONTROL PLAN
(SCALE: 1"=400')

N GRID W E S

TRAFFIC CONTROL NOTES

1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE CONSTRUCTION AREA. NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES.

2. THE TRAFFIC CONTROL DEVICES SHOWN ON THE TRAFFIC CONTROL PLAN SHALL BE CONSIDERED AS A MINIMUM. OTHER DEVICES MAY BE REQUIRED AS DEEMED NECESSARY FOR THE SAFETY AND CONVENIENCE ALONG THE CONSTRUCTION AREA.

3. ALL SIGNS, BARRICADES, AND WARNING LIGHTS SHALL CONFORM WITH SECTION 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE CONTRACTOR SHALL MAINTAIN ALL TRAFFIC CONTROL DEVICES IN PROPER CONDITION THROUGHOUT THE LENGTH OF THE PROJECT.

4. THE CONTRACTOR IS DIRECTLY RESPONSIBLE FOR THE PROVISION OF ANY AND ALL TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH MUTCD AND SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

5. TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING. TRAFFIC CONTROL DEVICES SHALL BE COVERED OR REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THEY ARE NO LONGER NEEDED.

6. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED IMMEDIATELY UPON COMPLETION OF THE PROJECT.

7. THE CONTRACTOR SHALL COMPLY WITH SECTION 712 REGARDING "TEMPORARY TRAFFIC CONTROL" OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN THE IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN.

8. INGRESS AND EGRESS FOR LOCAL TRAFFIC AND DRIVEWAYS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION OF THIS PROJECT.

9. PORTABLE BARRIER RAIL WILL BE ERECTED AT OPEN TRENCHES FOR THE SAFETY OF WORKERS AND THE GENERAL PUBLIC AND WILL BE REMOVED PRIOR TO OPENING ROAD TO TRAFFIC.

10. NO CONSTRUCTION EQUIPMENT OR TRAFFIC CONTROL DEVICES WILL BE STORED WITHIN 30' OF TRAVEL LANES DURING HOURS OF INACTIVITY.

11. PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION AND CIRCUMSTANCES OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, (6) LOCAL ROAD SUPERINTENDENT, AND (7) CITY OF MURFREESBORO TRANSPORTATION DEPARTMENT.

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

WILLIAM H. HUDDLESTON III REGISTERED ENGINEER AGRICULTURE NO. 24224 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

TRAFFIC CONTROL PLAN

OAKLAND COURT

PHASE I CONSTRUCTION PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
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CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINSTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N.T.S.
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:
SH. CP11 OF CP12

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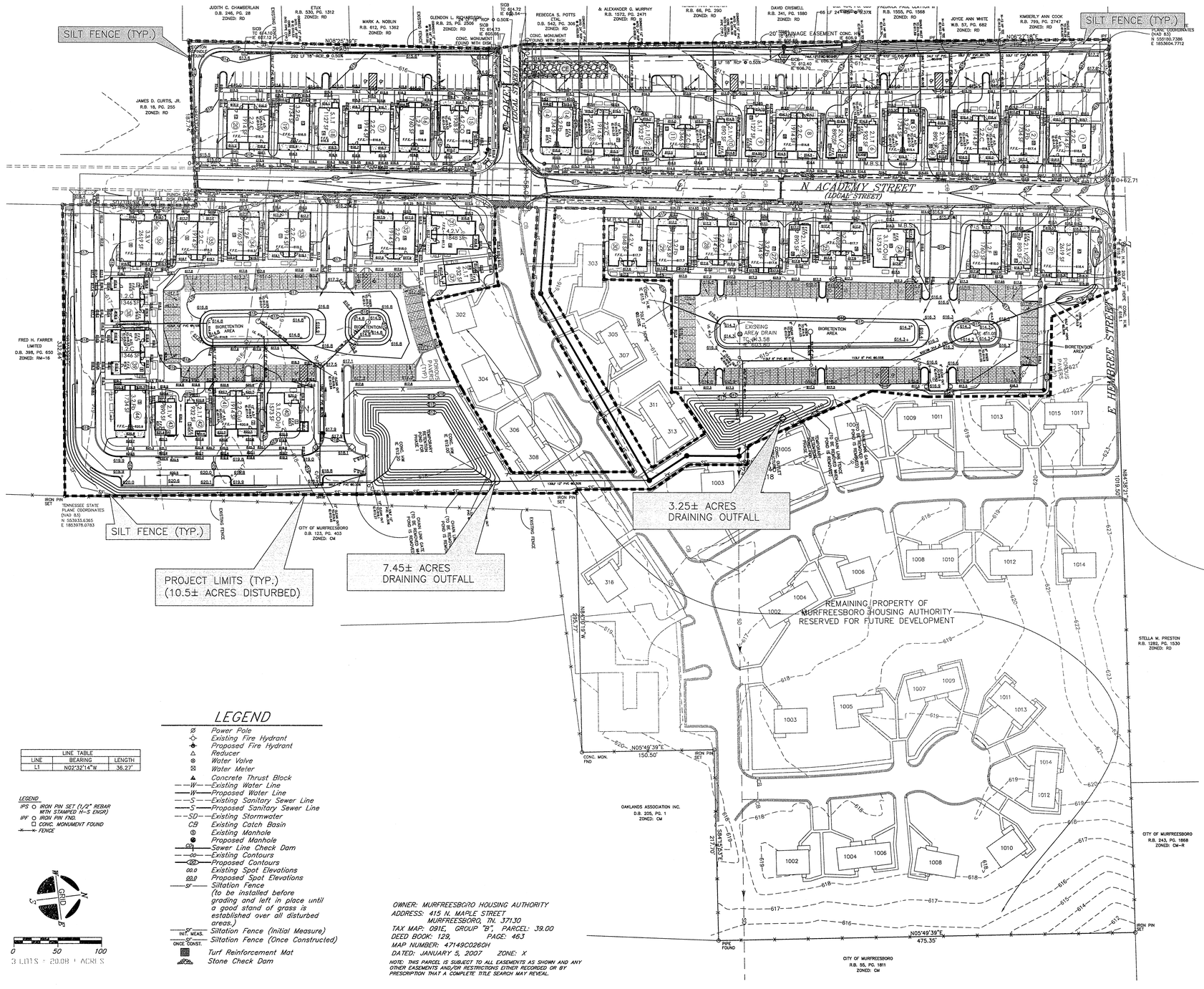
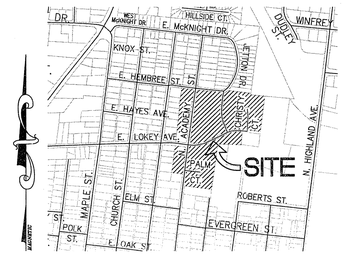
BINDING EDGE
BINDING EDGE

TIME / DATE: 1/28/2020 11:49:59 AM





LOCATION MAP

N.T.S.

EROSION CONTROL SEQUENCING

EROSION CONTROL INITIAL MEASURES:
1. TEMPORARY CONSTRUCTION EXIT TO BE INSTALLED AND MAINTAINED.
2. SILTATION FENCE TO BE INSTALLED AS SHOWN.

EROSION CONTROL INTERMEDIATE MEASURES:
1. INLET AND OUTLET PROTECTION TO BE PROVIDED AS SHOWN ON PLAN.
2. DISTURBED AREAS TO BE TEMPORARILY SEEDED AND/OR MULCHED AS WORK PROGRESSES.
3. INSTALL FILTER FABRIC TEMPORARILY.
4. INSTALL SEDIMENT BASIN.
5. INSTALL DIVERSION BERM.

EROSION CONTROL FINAL MEASURES:
1. SEDIMENT TRAPS, SILT FENCE, INLET PROTECTION, ETC., TO BE REMOVED.
2. ALL DISTURBED AREAS TO BE SEEDED AND STRAW.

EPSC LEGEND

- (CE) CONSTRUCTION EXIT
- (IP) INLET PROTECTION
- (SS) SEED & STRAW
- (TS) TEMPORARY SEED & STRAW
- (FB) FILTER FABRIC

EROSION AND SEDIMENT CONTROL MEASURES ARE DESIGNED FOR A 5-YEAR, 24-HOUR RAIN EVENT.

NOTES

1. Underground utilities shown were located using available aboveground evidence, as well as from information obtained from the respective utility companies. The existence or nonexistence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
2. This property may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- —SD— Existing Stormwater
- CB Existing Catch Basin
- Existing Manhole
- Proposed Manhole
- CD Sewer Line Check Dam
- —60— Existing Contours
- —62— Proposed Contours
- 60.0 Existing Spot Elevations
- 62.0 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- —SF— INIT. MEAS. Siltation Fence (Initial Measure)
- —SF— ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°39'21"W	36.27'

LEGEND
- IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
- IPF ○ IRON PIN FND.
- ☐ CONC. MONUMENT FOUND
- FENCE

0 50 100
3 LOTS = 20.08 ± ACRES

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X
NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

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WILLIAM H. HUDDLESTON IV
REGISTERED LAND SURVEYOR
AGRICULTURE
TENNESSEE No. 1630
WILLIAM H. HUDDLESTON IV
REGISTERED ENGINEER
AGRICULTURE
TENNESSEE No. 112422
STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

EROSION PREVENTION/SEDIMENT CONTROL PLAN (INITIAL MEASURES)

OAKLAND COURT
PHASE I

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mmminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- CD CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION
No. Date Description

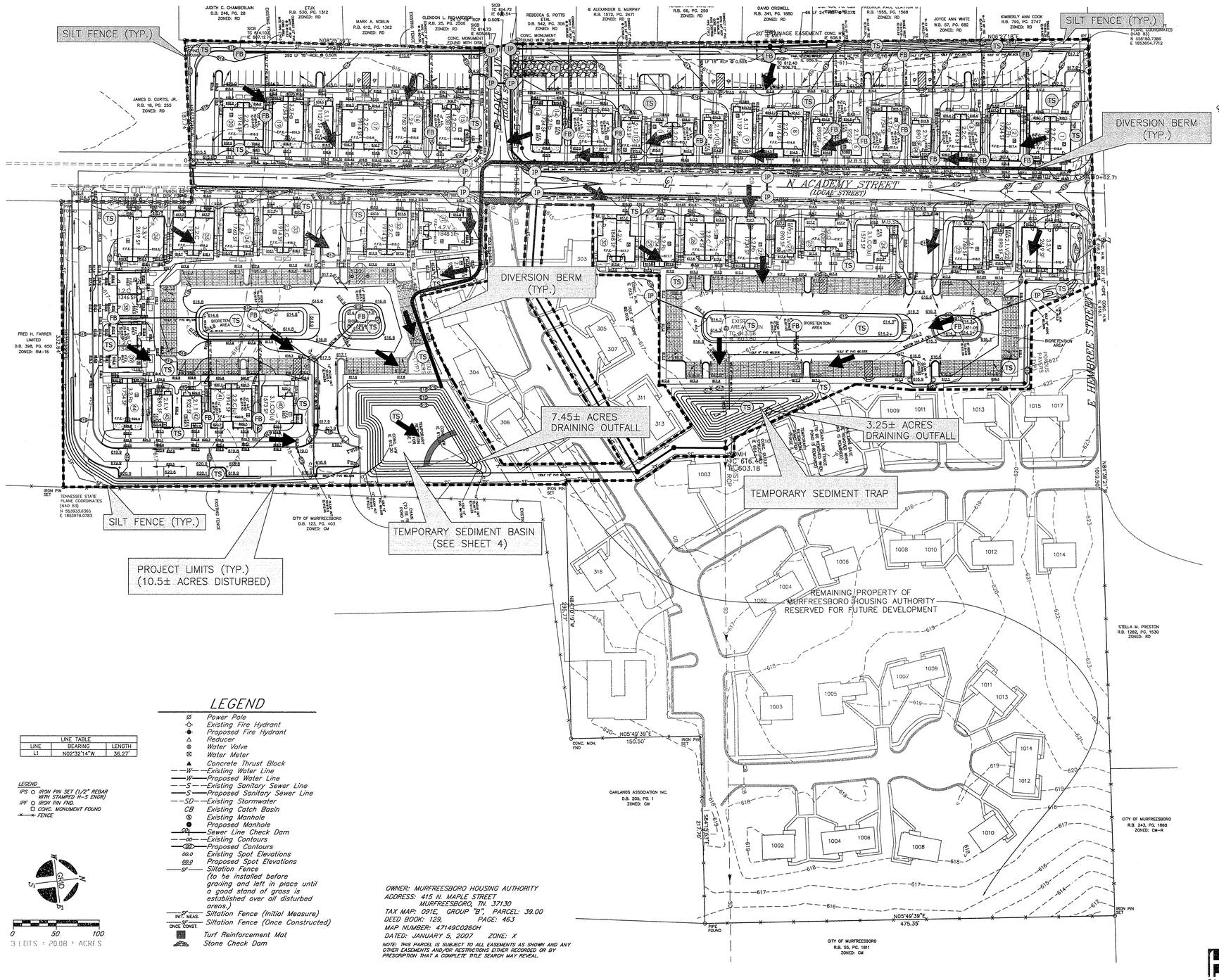
DRAWING INFORMATION

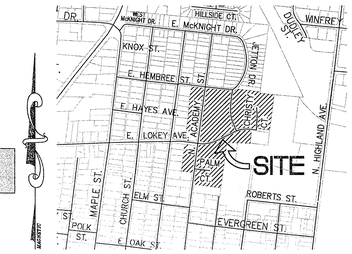
SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:
SH. E1 OF E5

BINDING EDGE
BINDING EDGE
BINDING EDGE

TIME / DATE: 1/28/2020 11:49:59 AM





LOCATION MAP

N.T.S.

EROSION CONTROL SEQUENCING

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1. TEMPORARY CONSTRUCTION EXIT TO BE INSTALLED AND MAINTAINED.
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- (CE) CONSTRUCTION EXIT
- (IP) INLET PROTECTION
- (SS) SEED & STRAW
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EROSION AND SEDIMENT CONTROL MEASURES ARE DESIGNED FOR A 5-YEAR, 24-HOUR RAIN EVENT.

NOTES

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- Ø Power Pole
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- Existing Manhole
- Proposed Manhole
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- SF INIT. MEAS. Siltation Fence (Initial Measure)
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LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND
IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
IPF ○ IRON PIN FND.
□ CONC. MONUMENT FOUND
—x— FENCE

GRID N
0 50 100
3 LOTS = 20.08 ± ACRES

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET MURFREESBORO, TN. 37130
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WILLIAM H. HUDDLESTON IV REGISTERED ENGINEER AGRICULTURE TENNESSEE No. 16306

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

EROSION PREVENTION/SEDIMENT CONTROL PLAN (INTERMEDIATE MEASURES)

OAKLAND COURT
PHASE I

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

BINDING EDGE

TIME / DATE: 1/28/2020 11:49:39 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
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KEY PLAN:

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No. Date Description

DRAWING INFORMATION
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SCALE GUIDE:
DWG ISSUED: 20 JAN 2020
PRJ.MGR: Margaret Butler
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DRAWN BY: Author
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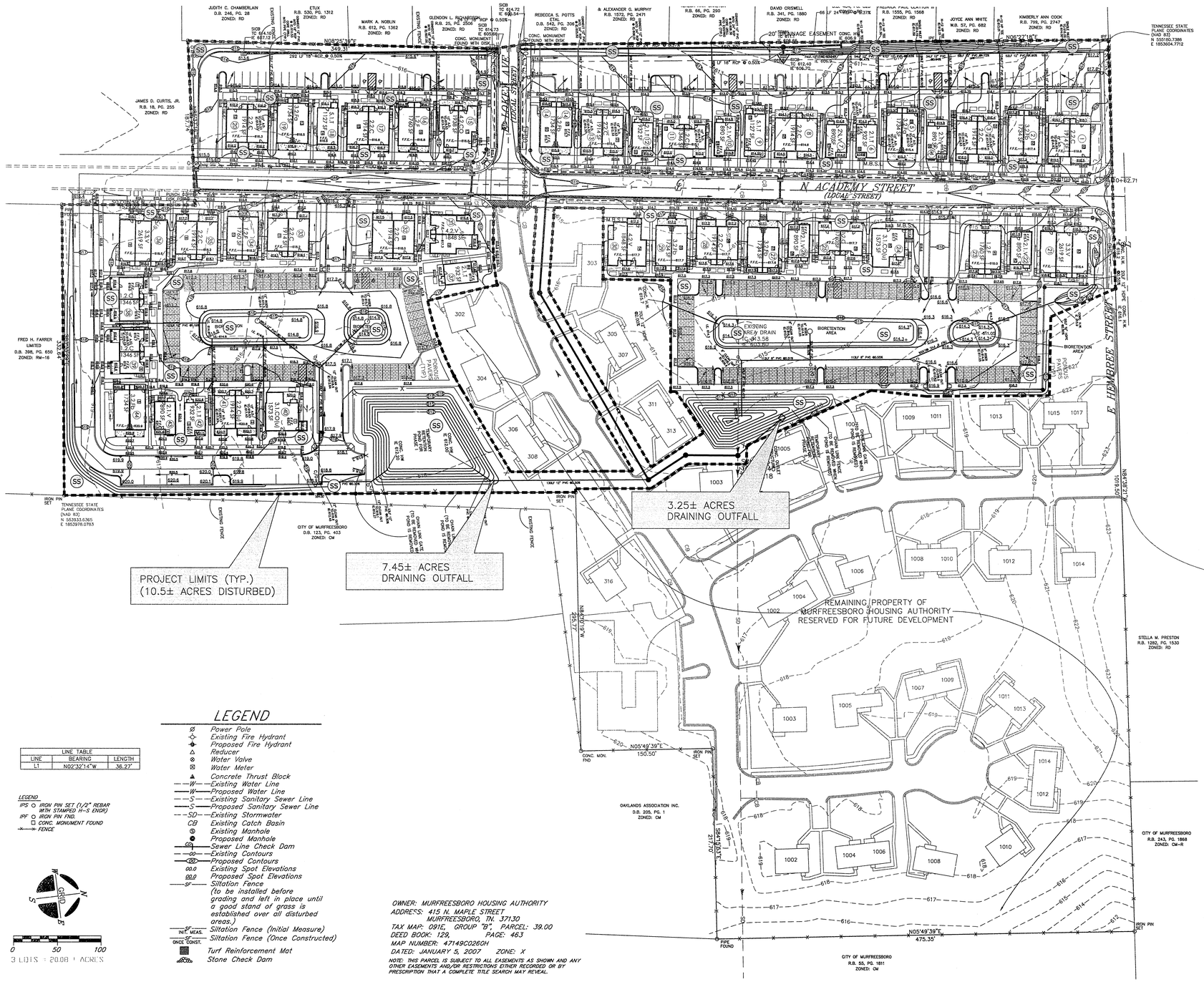
DRAWING TITLE:

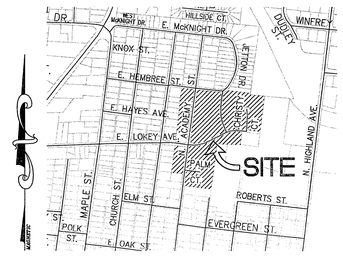
DRAWING NO:
SH. E2 OF E5

BINDING EDGE

BINDING EDGE

BINDING EDGE





LOCATION MAP

N.T.S.

EROSION CONTROL SEQUENCING

EROSION CONTROL INITIAL MEASURES:
1. TEMPORARY CONSTRUCTION EXIT TO BE INSTALLED AND MAINTAINED.
2. SILTATION FENCE TO BE INSTALLED AS SHOWN.

EROSION CONTROL INTERMEDIATE MEASURES:
1. INLET AND OUTLET PROTECTION TO BE PROVIDED AS SHOWN ON PLAN.
2. DISTURBED AREAS TO BE TEMPORARILY SEEDED AND/OR MULCHED AS WORK PROGRESSES.
3. INSTALL FILTER FABRIC TEMPORARILY.
4. INSTALL SEDIMENT BASIN.
5. INSTALL DIVERSION BERM.

EROSION CONTROL FINAL MEASURES:
1. SEDIMENT TRAPS, SILT FENCE, INLET PROTECTION, ETC., TO BE REMOVED.
2. ALL DISTURBED AREAS TO BE SEEDED AND STRAW.

EPSC LEGEND

- (CE) CONSTRUCTION EXIT
- (IP) INLET PROTECTION
- (SS) SEED & STRAW
- (TS) TEMPORARY SEED & STRAW
- (FB) FILTER FABRIC

EROSION AND SEDIMENT CONTROL MEASURES ARE DESIGNED FOR A 5-YEAR, 24-HOUR RAIN EVENT.

NOTES

1. Underground utilities shown were located using available aboveground evidence, as well as from information obtained from the respective utility companies. The existence or nonexistence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
2. This property may be subject to additional easements, and/or restrictions, by record or prescription, that a complete title search may reveal.

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
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- CB Existing Catch Basin
- Existing Manhole
- Proposed Manhole
- CD Sewer Line Check Dam
- —00— Existing Contours
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- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- —SF— Siltation Fence (Initial Measure)
- INIT. MEAS. —SF— Siltation Fence (Once Constructed)
- ONCE CONST.
- Turf Reinforcement Mat
- Stone Check Dam

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND
IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
IPF ○ IRON PIN FND.
□ CONC. MONUMENT FOUND
—x— FENCE

GRID N, S, E, W

0 50 100
3 LOTS = 20.08 ± ACRES

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

THIS SURVEY IS A TOPOGRAPHIC SURVEY FOR INFORMATION ONLY AND IS NOT A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-.07.

WILLIAM H. HUDDLESTON IV — REGISTERED LAND SURVEYOR — AGENCY — TENNESSEE No. 1830

WILLIAM H. HUDDLESTON IV — REGISTERED ENGINEER — STATE OF TENNESSEE — No. 110.00

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

EROSION PREVENTION/SEDIMENT CONTROL PLAN (FINAL MEASURES)

OAKLAND COURT
PHASE I

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- D **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

© McCarty Holsaple McCarty, Inc.
Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

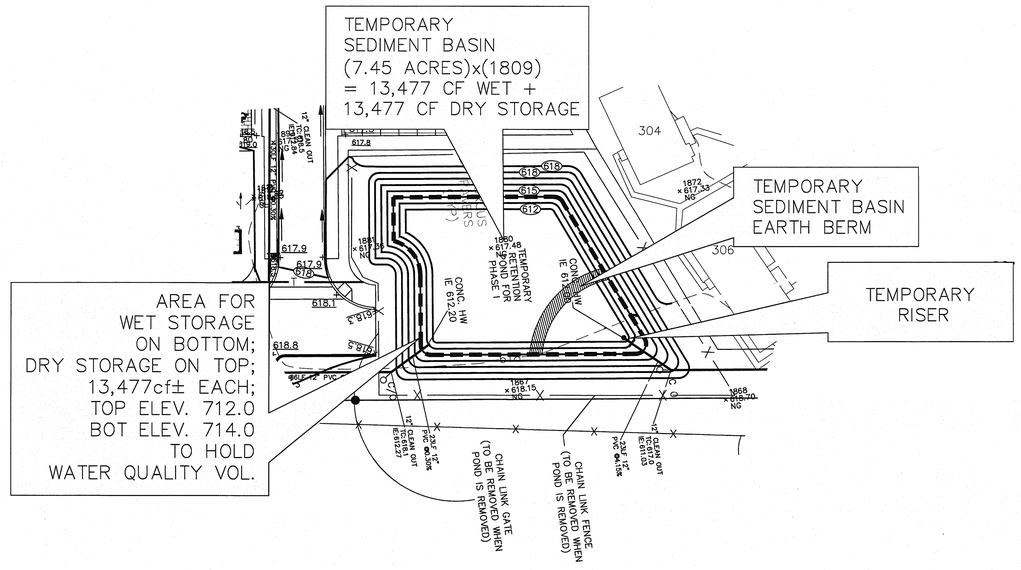
No.	Date	Description

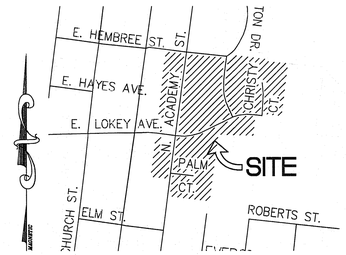
DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:
SH. E3 OF E5

TIME / DATE: 1/28/2020 11:49:59 AM





LOCATION MAP

N.T.S.

EROSION CONTROL SEQUENCING

EROSION CONTROL INITIAL MEASURES:
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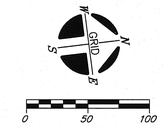

EPSC LEGEND

- (CE) CONSTRUCTION EXIT
- (IP) INLET PROTECTION
- (SS) SEED & STRAW
- (TS) TEMPORARY SEED & STRAW
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TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

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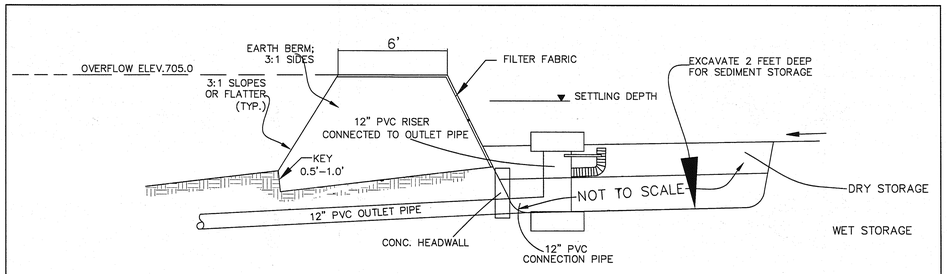
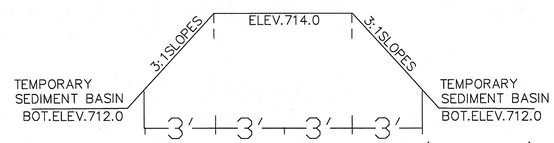


CROSS SECTION

NOTE: TEMPORARY SEDIMENT BASIN SHALL NOT BE REMOVED UNTIL CONSTRUCTION IS COMPLETE AND SITE HAS BEEN STABILIZED AND SWALE SIDE SLOPES HAVE BEEN STABILIZED. CONTRACTOR SHALL REPAIR AND MAINTAIN EARTH BERM AS NECESSARY DURING CONSTRUCTION. PAYMENT TO INCLUDE EARTH BERM, FILTER FABRIC AND ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TEMPORARY SEDIMENT BASIN. ITEM NO. 209-10.20

TEMPORARY SEDIMENT BASIN DETAIL

(NOT TO SCALE)



FOREBAY BERM DETAIL (SOUTH)

N.T.S.

THIS SURVEY IS A TOPOGRAPHIC SURVEY FOR INFORMATION ONLY AND IS NOT A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-.07.

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

EROSION PREVENTION/SEDIMENT CONTROL PLAN (SEDIMENT BASIN DETAILS)

OAKLAND COURT
PHASE I

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

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- D CONSTRUCTION DOCUMENTS
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SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

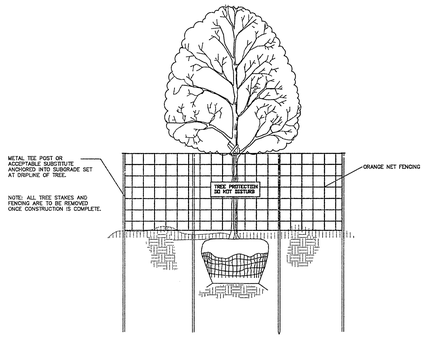
REVISION INFORMATION
No. Date Description

DRAWING INFORMATION
SCALE: *SCALE: 1"=50'*
SCALE GUIDE:
DWG ISSUED: 20 JAN 2020
PRJ MGR: Margaret Butler
PA / PC: Jake Thomas / -
DRAWN BY: Author
CHECKED BY: Project.Checked By
DRAWING TITLE:

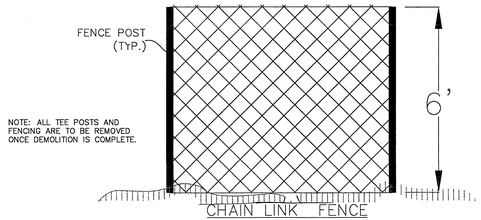
DRAWING NO:
SH. E4 OF E5

BINDING EDGE
BINDING EDGE
BINDING EDGE

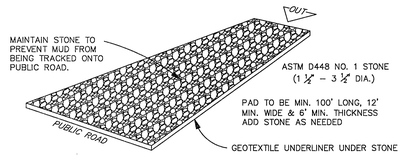
TIME / DATE: 1/28/2020 11:49:59 AM



TREE PRESERVATION FENCING DETAIL
NTS



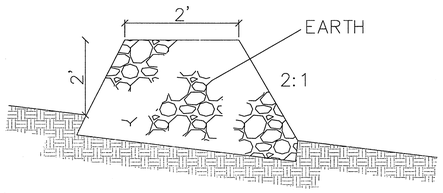
CHAIN LINK FENCE DETAIL
N.T.S.



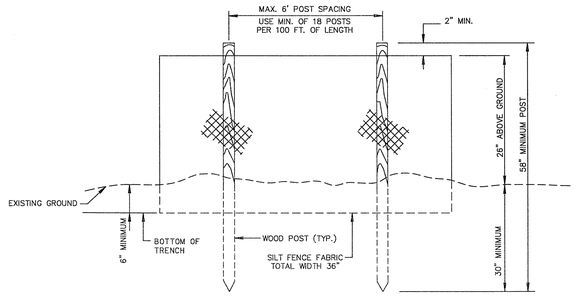
TEMPORARY CONSTRUCTION EXIT DETAIL
(NOT TO SCALE)

T.D.O.T. REFERENCE DRAWINGS

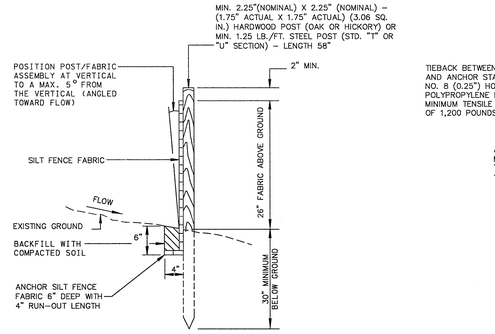
SILT FENCE	EC–STR–3B
SILT FENCE FABRIC JOINING DETAILS	EC–STR–3E
FILTER SOCK	EC–STR–8
CATCH BASIN PROTECTION	EC–STR–19
CURB INLET PROTECTION TYPE 3 & 4	EC–STR–39A



DIVERSION BERM
SCALE: NONE



ELEVATION VIEW

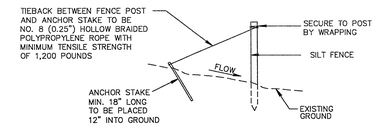


SECTION VIEW

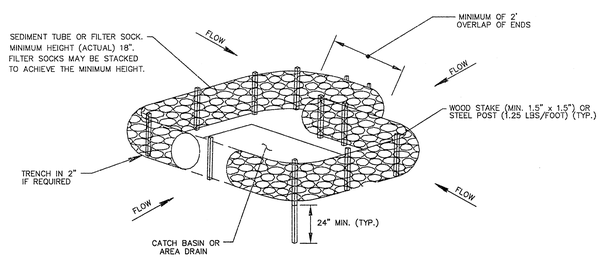
NOTE:
PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR, ITEM NO. 209–08.03

FOR ADDITIONAL DETAILS AND NOTES SEE TDOT STD EC–STR–3B AND EC–STR–3E

SILT FENCE (WITHOUT BACKING) DETAIL
(NOT TO SCALE)

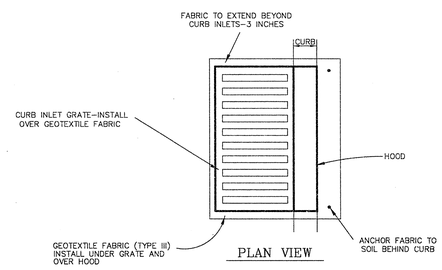


TYPICAL SILT FENCE TIEBACK FOR STEEL POSTS OR WOOD POSTS
(WHEN REQUIRED BY THE ENGINEER OR NOTED IN THE PLANS. COST TO BE INCLUDED IN THE ITEMS FOR SILT FENCE)

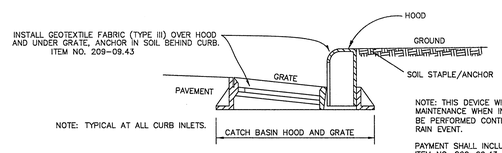


NOTE:
PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR, ITEM NO. 209–40.33
FOR ADDITIONAL DETAILS AND NOTES SEE TDOT STD EC–STR–19

CATCH BASIN PROTECTION (TYPE D)
(NOT TO SCALE)



PLAN VIEW



NOTE: TYPICAL AT ALL CURB INLETS.

SECTION VIEW

NOTE: THIS DEVICE WILL REQUIRE FREQUENT MAINTENANCE WHEN IN USE. SEDIMENT REMOVAL SHALL BE PERFORMED CONTINUOUSLY AND/OR AFTER EVERY RAIN EVENT.

PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR, ITEM NO. 209–09.43

FOR ADDITIONAL DETAILS AND NOTES SEE TDOT STD EC–STR–39A

CURB INLET PROTECTION (TYPE 4)
(NOT TO SCALE)

HUDDLESTON–STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

EROSION PREVENTION/SEDIMENT CONTROL PLAN DETAILS

OAKLAND COURT
PHASE I

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mmmInc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mmminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- D CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION
No. Date Description

DRAWING INFORMATION

SCALE:	N.T.S.
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

DRAWING NO:
SH. E5 OF E5

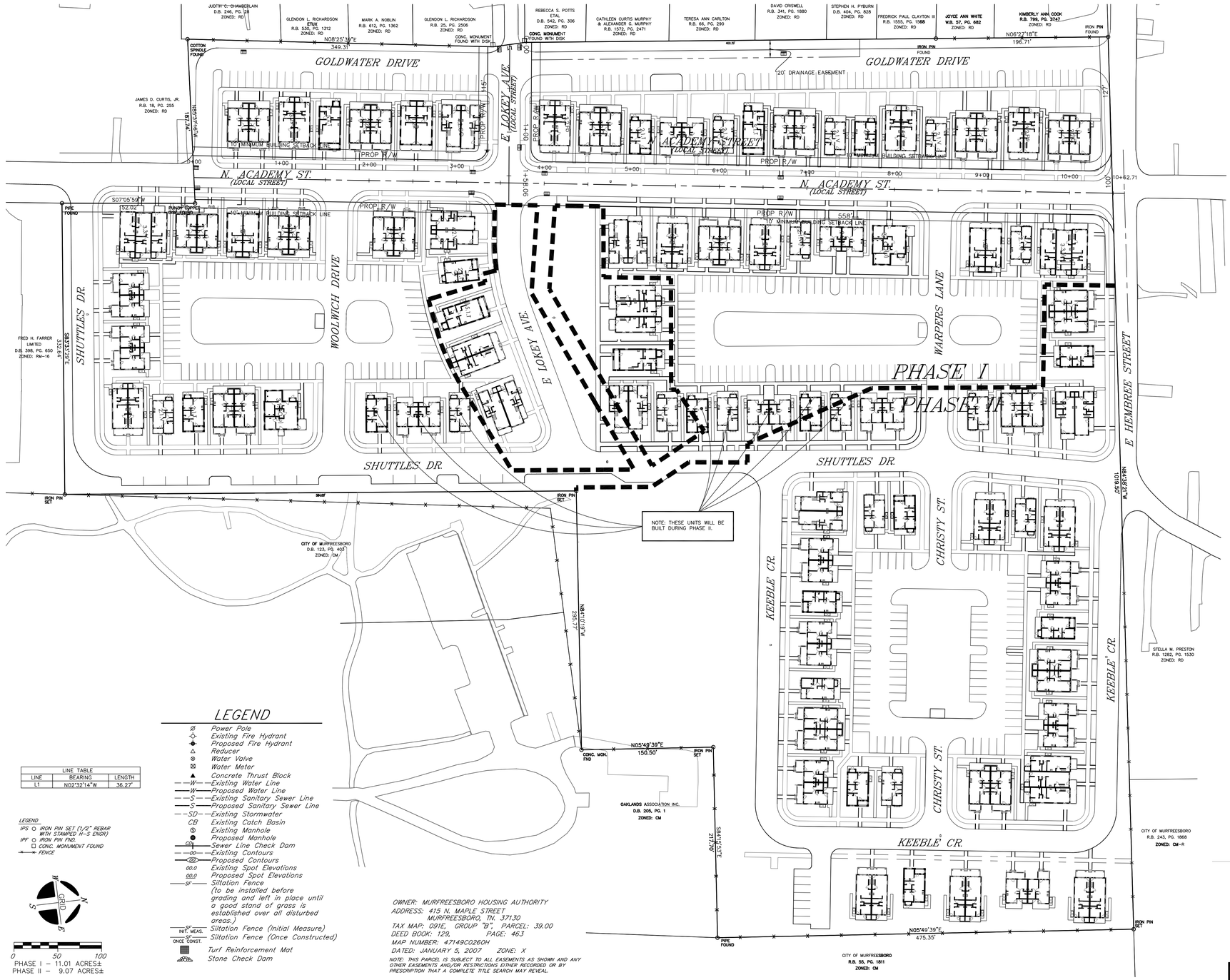
BINDING EDGE
BINDING EDGE
BINDING EDGE

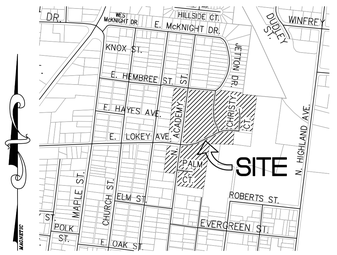
TIME / DATE: 1/28/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE





LOCATION MAP

N.T.S.

NOTES

1. In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in Excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
2. Underground utilities shown were located using available aboveground evidence, as well as from information obtained from the respective utility companies. The existence or nonexistence of the utilities shown and any other utilities which may be present on this site or adjacent sites should be confirmed with the utility owner prior to commencing any work.
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LEGEND

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- INIT. MEAS. Siltation Fence (Initial Measure)
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- Turf Reinforcement Mat
- STONE Stone Check Dam

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND

- IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
- IPF ○ IRON PIN FND.
- ☐ CONC. MONUMENT FOUND
- —×— FENCE

GRID N, S, E, W

0 50 100

PHASE I – 11.01 ACRES±
PHASE II – 9.07 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
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HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

MASTER PLAN

OAKLAND COURT

PHASE I SITE PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
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CONTACT: Margaret Butler
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=50'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:
DRAWING TITLE:	

DRAWING NO:

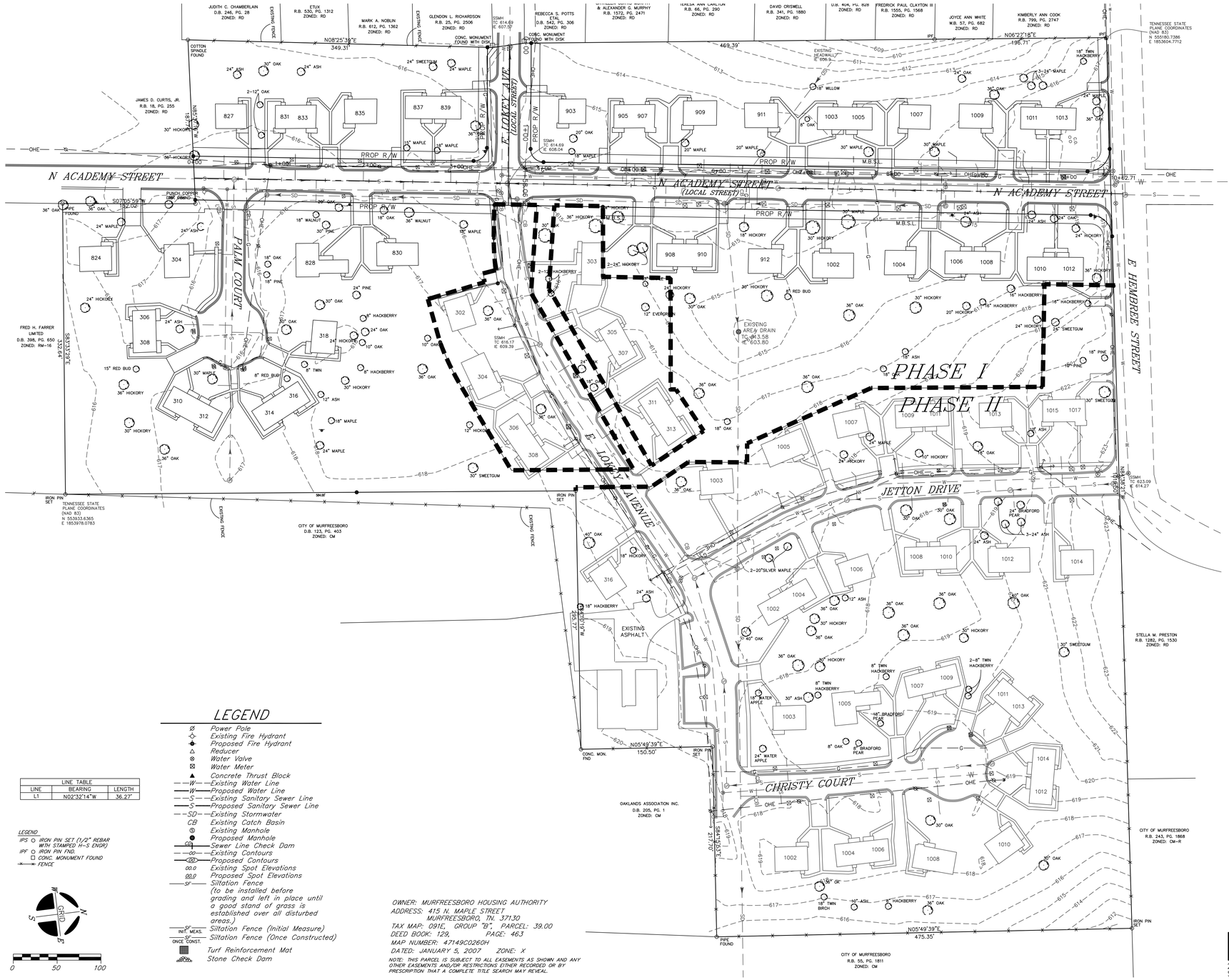
SH. SP1 OF SP10

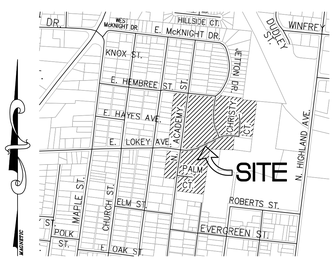
TIME / DATE: 1/28/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE





LOCATION MAP

N.T.S.

NOTES

1. In Tennessee, it is a requirement per "The Underground Utility Damage Prevention Act" that anyone who engages in Excavation must notify all known underground utility owners, no less than three nor more than ten working days of their intent to excavate. A list of these utilities may be obtained from the County Register of Deeds. Those utilities that participate in the Tennessee One Call system can be notified by calling toll free 1-800-351-1111.
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LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- —SD— Existing Stormwater
- CB Existing Catch Basin
- Existing Manhole
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- Sewer Line Check Dam
- —00— Existing Contours
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- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- —SF— INIT. MEAS. Siltation Fence (Initial Measure)
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- Stone Check Dam

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND

- IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
- IPF ○ IRON PIN FND.
- ☐ CONC. MONUMENT FOUND
- FENCE

0 50 100

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

THIS SURVEY IS A TOPOGRAPHIC SURVEY FOR INFORMATION ONLY AND IS NOT A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-.07.

WILLIAM B. HUDDLESTON III REGISTERED LAND SURVEYOR TENNESSEE No. 1639

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

EXISTING CONDITIONS

OAKLAND COURT

PHASE I SITE PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: 38C-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

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SH. SP2 OF SP9

TIME / DATE: 1/29/2020 11:49:59 AM

BINDING EDGE

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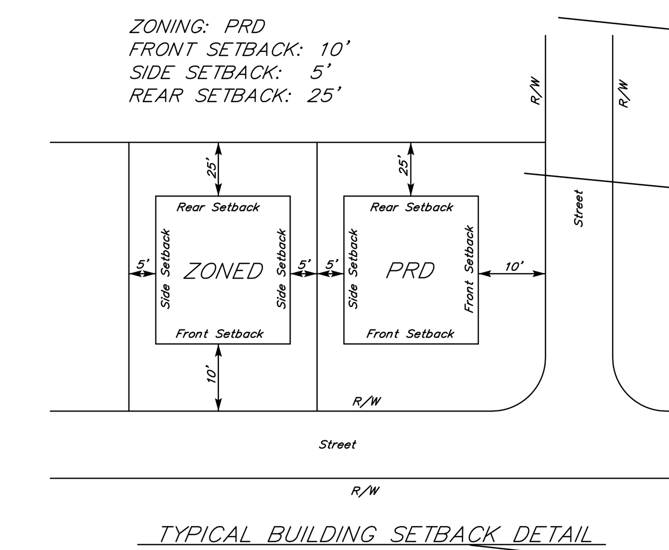


TYPICAL BUILDING SETBACK DETAIL
N.T.S.

SITE DATA

PROPOSED USE: NEW PUBLIC HOUSING DEVELOPMENT CONSISTING OF 76 UNITS IN PHASE I AND 74 UNITS IN PHASE II.

ZONING: PRD

TOTAL # UNITS: 150 UNITS

TOTAL UNITS PER ACRE: (150 UNITS)/(20.08 AC.) = 7.4 UNITS/AC.

GROSS FLOOR AREA: 180,242 S.F.±

TOTAL LAND AREA: 20.08 AC., 874,685 S.F.±

FLOOR AREA RATIO: 180,242 / 874,685 = 0.21

TOTAL PARKING SPACES REQUIRED FOR PHASE I (PER PATTERN BOOK):
1.8 SPACES PER UNIT: 76 UNITSx1.8 SPACES = 137 SPACES
30% ADDITIONAL FOR VISITORS: 42 SPACES

TOTAL SPACES REQUIRED: 137 + 80 = 217 SPACES

TOTAL PARKING SPACES PROVIDED: 229 PLUS 16 H.C.

MAXIMUM BUILDING HEIGHT: 35' (2 STORIES)

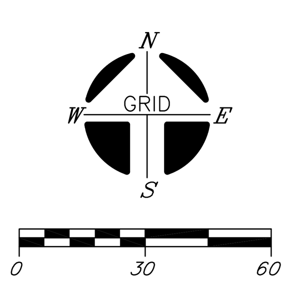
Physical Properties (IBC Ch. 5):

	UNIT DESIG.	STORIES	GSF 1ST FLOOR	GSF 2ND FLOOR	BLDG. GSF	FRONT/SIDE PORCH SF	BLDG # PHASE 1	BLDG # PHASE 2	UNIT # PHASE 1	UNIT # PHASE 2
SINGLE										
2 BED VICTORIAN	2.1.V	1	890	-	890	71	6	9	6	9
2 BED TUDOR	2.1.T	1	932	-	932	72	4	9	4	9
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	1573	-	1573	118	2	0	2	0
5 BED TUDOR	5.1.T	2	1127	1165	2292	177	2	2	2	2
DUPLEX										
1 BED CRAFTSMAN	1.2.C	1	673	-	673	157	3	8	6	16
1 BED CRAFTSMAN (UFAS)	1.2.C(u)	1	880	-	1760	114	1	1	2	2
1 BED 4 SQUARE	1.2.F	1	880	-	1553	114	3	0	6	0
2 BED CRAFTSMAN	2.2.C-L	1	957	-	957	113	10	4	20	8
	2.2.C-L	1	-	-	-	170	-	-		
2 BED CRAFTSMAN (UFAS)	2.2.C(u)-L	1	957	-	957	113	1	1	2	2
	2.2.C(u)-R	1	-	-	-	170	-	-		
3 BED 4 SQUARE	3.2.Fa	2	867	650	1517	132	2	4	4	8
3 BED 4 SQUARE (BRICK)	3.2.Fb	2	867	650	1517	132	5	2	10	4
4 BED VICTORIAN	4.2.V-L	2	924	820	1744	103	2	2	4	4
	4.2.V-R	2	954	850	1804	96	-	-		
4 BED COLONIAL	4.2.CO-L	2	969	858	1827	96	1	2	2	4
	4.2.CO-R	2	1002	891	1893	85	-	-		
TRIPLEX										
3 BED VICTORIAN	3.3.V	2	873	668	1541	209/92	2	2	6	6
						TOTAL	44	46	76	74

-L = PLAN LEFT UNIT, WHEN DWELLING UNITS/PORCHES NOT EQUAL SF
-R = PLAN RIGHT UNIT, WHEN DWELLING UNITS/PORCHES NOT EQUAL SF

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND
IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
IPF ○ IRON PIN FND.
□ CONC. MONUMENT FOUND
—x— FENCE



PHASE I – 11.01 ACRES±

LEGEND

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- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
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- —S— Proposed Sanitary Sewer Line
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OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X
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1. IN ACCORDANCE WITH TCA SECTION 7–59–310(b)(1), COMPETITIVE CABLE AND VIDEO SERVICES ACT, IN CASES OF NEW CONSTRUCTION OR PROPERTY DEVELOPMENT WHERE UTILITIES ARE TO BE PLACED UNDERGROUND, THE DEVELOPER OR PROPERTY OWNER SHALL GIVE ALL PROVIDERS OF CABLE OR VIDEO SERVING THE CITY OF MURFREESBORO DATES ON WHICH OPEN TRENCHING WILL BE AVAILABLE FOR THE PROVIDERS' INSTALLATION OF CONDUIT, PEDESTALS OR VAULTS, AND LATERALS, REFERRED TO AS "EQUIPMENT," TO BE PROVIDED AT EACH SUCH PROVIDERS' EXPENSE.
2. ALL SIGNAGE, INCLUDING FLAGS AND FLAGPOLES, IS SUBJECT TO INDEPENDENT REVIEW BY THE BUILDING AND CODES DEPARTMENT. ALL SIGNAGE MUST CONFORM TO THEIR REQUIREMENTS AND REQUIRE SEPARATE SIGN PERMITS.
3. A LAND DISTURBANCE PERMIT MAY BE REQUIRED. DETERMINATION WHETHER A LAND DISTURBANCE PERMIT IS REQUIRED SHALL BE MADE BY THE CITY ENGINEER. A SEPARATE LAND DISTURBANCE PERMIT SHALL BE MADE WITH THE OFFICE OF THE CITY ENGINEER FOR REVIEW AND UPON APPROVAL FOR ISSUANCE OF A LAND DISTURBANCE PERMIT.
4. FOR ALL DEVELOPMENTS OF MORE THAN ONE ACRE, A STATE OF TENNESSEE CONSTRUCTION GENERAL PERMIT IS REQUIRED. EVIDENCE OF THIS PERMIT MUST BE PROVIDED TO THE OFFICE OF THE CITY ENGINEER PRIOR TO CONSTRUCTION COMMENCEMENT.
5. A STORMWATER MANAGEMENT PLAN DEMONSTRATING THAT THE SITE PROVIDES FOR TREATMENT OF THE WATER QUALITY VOLUME AND PROVIDES FOR MANAGEMENT OF THE STREAMBANK PROTECTION VOLUME MUST BE PROVIDED.
6. AN ENGINEERS CERTIFICATION OF THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITIES MUST BE PROVIDED TO THE CITY ENGINEER PRIOR TO CERTIFICATE OF OCCUPANCY.
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4. Prior to blasting, seismographic equipment shall be place at the Oaklands Mansion.
5. Solid waste services will be provided by the City of Murfreesboro Solid Waste Department.

NOTE: PRIOR TO BLASTING, SEISMOGRAPH EQUIPMENT MUST BE PLACED AT THE OAKLAND MANSION.

WILLIAM H. HUDDLESTON IV
REGISTERED ENGINEER
AGRICULTURE COMMERCE
CERTIFICATE No. 20745
STATE OF TENNESSEE

HUDDLESTON–STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

SITE PLAN

OAKLAND COURT
PHASE I SITE PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
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DRAWING NO:
SH. SP3 OF SP9

TIME / DATE: 1/28/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE

	UNIT PLAN(S)	BEDRMS	FLOR AT BLDG. FOOT.	FLOR PND. FOOT.	BLDG. FOOT	TECHTUCK CONDO SF	BLDG. # SHOWN	UNIT # SHOWN
SINGLE								
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3 BED COLONIAL (LIFAS)	3.1.CO(u)	1	1573	-	1573	118	2	0
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SITE PLAN

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20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

TIME / DATE: 1/28/2020 11:49:39 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Buffer
EMAIL: mbuffer@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- b CONSTRUCTION DOCUMENTS
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINISTRATION

SEAL:

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Do NOT scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	SCALE: 1"=30'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Buffer
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

DRAWING NO:
SH. SP4 OF SP9

BINDING EDGE

BINDING EDGE

BINDING EDGE

LINE TABLE		
LINE	BEARING	LENGTH
L1	N02°32'14"W	36.27'

LEGEND

IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)

IPF ○ IRON PIN FND.

□ CONC. MONUMENT FOUND

FENCE

LEGEND

- Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
- —W— Proposed Water Line
- —S— Existing Sanitary Sewer Line
- —S— Proposed Sanitary Sewer Line
- —SD— Existing Stormwater
- CB Existing Catch Basin
- Existing Manhole
- Proposed Manhole
- Sewer Line Check Dam
- —00— Existing Contours
- —00— Proposed Contours
- 00.0 Existing Spot Elevations
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- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- SF INIT. MEAS. Siltation Fence (Initial Measure)
- SF ONCE CONST. Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

N GRID W E S

0 30 60

PHASE I – 11.01 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

NOTE: THIS PARCEL IS SUBJECT TO ALL EASEMENTS AS SHOWN AND ANY OTHER EASEMENTS AND/OR RESTRICTIONS EITHER RECORDED OR BY PRESCRIPTION THAT A COMPLETE TITLE SEARCH MAY REVEAL.

NOTES

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BUILDING	NUMBER OF STEPS	NUMBER OF RISERS	BUILDING	NUMBER OF STEPS	NUMBER OF RISERS
40	NA	NA	11	NA	NA
41	NA	NA	10	NA	NA
42	NA	NA	9	NA	NA
43	NA	NA	8	NA	NA
44	NA	NA	7	NA	NA
39	0	1	6	NA	NA
38	0	1	5	NA	NA
36	3	4	4	0	1
35	2	3	3	****	****
34	2	3	2	0	1
33	2	3	1	*	*
33	2	3	1	*	*
20	NA	NA	30	3	4
19	NA	NA	29	3	4
18	NA	NA	28	4	5
17	NA	NA	27	4	5
16	NA	NA	26	4	5
15	***	***	25	4	5
32	1	2	24	NA	NA
31	0	1	23	2	3
14	NA	NA	22	1	2
13	NA	NA	21	**	**
12	NA	NA	37	2	3

NOTE: ALL STEPS AND 6" RISERS ARE AT EACH BUILDINGS FRONT PORCH EXCEPT FOR THE FOLLOWING:

* NO RISER OR STEP AT RIGHT FRONT PORCH AND ONE 7" RISER AT LEFT FRONT PORCH.

** TWO RISERS AND ONE STEP AT RIGHT FRONT PORCH AND NO RISER OR STEP AT LEFT FRONT PORCH.

*** ONE RISER AT FRONT PORCH AND BACK PORCH AND ONE STEP AND TWO RISERS AT RIGHT FRONT PORCH AND RIGHT BACK PORCH.

**** NO RISER AT RIGHT FRONT PORCH AND ONE RISER AT LEFT FRONT PORCH AND LEFT BACK PORCH.

THIS SURVEY IS A TOPOGRAPHIC SURVEY FOR INFORMATION ONLY AND IS NOT A GENERAL PROPERTY SURVEY AS DEFINED UNDER RULE 0820-3-.07.

WILLIAM H. HUDDLESTON IV REGISTERED ENGINEER No. 1630 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

GRADING & DRAINAGE PLAN

OAKLAND COURT
PHASE I SITE PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

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DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	
DRAWING NO:	SH. SP5 OF SP9

TIME / DATE: 1/29/2020 11:49:59 AM

BUILDING	NUMBER OF STEPS	NUMBER OF RISERS	BUILDING	NUMBER OF STEPS	NUMBER OF RISERS
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41	NA	NA	10	NA	NA
42	NA	NA	9	NA	NA
43	NA	NA	8	NA	NA
44	NA	NA	7	NA	NA
39	0	1	6	NA	NA
38	0	1	5	NA	NA
36	3	4	4	0	1
35	2	3	3	****	****
34	2	3	2	0	1
33	2	3	1	*	*
20	NA	NA	30	3	4
19	NA	NA	29	3	4
18	NA	NA	28	4	5
17	NA	NA	27	4	5
16	NA	NA	26	4	5
15	***	***	25	4	5
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LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
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- —S— Proposed Sanitary Sewer Line
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- —00— Proposed Contours
- 00.0 Existing Spot Elevations
- 00.0 Proposed Spot Elevations
- —SF— Siltation Fence (to be installed before grading and left in place until a good stand of grass is established over all disturbed areas.)
- SF INIT. MEAS. / SF ONCE CONST. — Siltation Fence (Initial Measure) / Siltation Fence (Once Constructed)
- Turf Reinforcement Mat
- Stone Check Dam

LINE TABLE		
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L1	N02°32'14"W	36.27'

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IPF ○ IRON PIN FND.
□ CONC. MONUMENT FOUND
FENCE

N GRID W E S

0 30 60
PHASE I – 11.01 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X
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WILLIAM H. HUDDLESTON IV REGISTERED LAND SURVEYOR NO. 1638 STATE OF TENNESSEE

WILLIAM H. HUDDLESTON REGISTERED ENGINEER NO. 14243 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

GRADING & DRAINAGE PLAN

OAKLAND COURT
PHASE I SITE PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

BINDING EDGE

TIME / DATE: 1/28/2020 11:49:59 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
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TELEPHONE: (865) 544-2000
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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
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SEAL:

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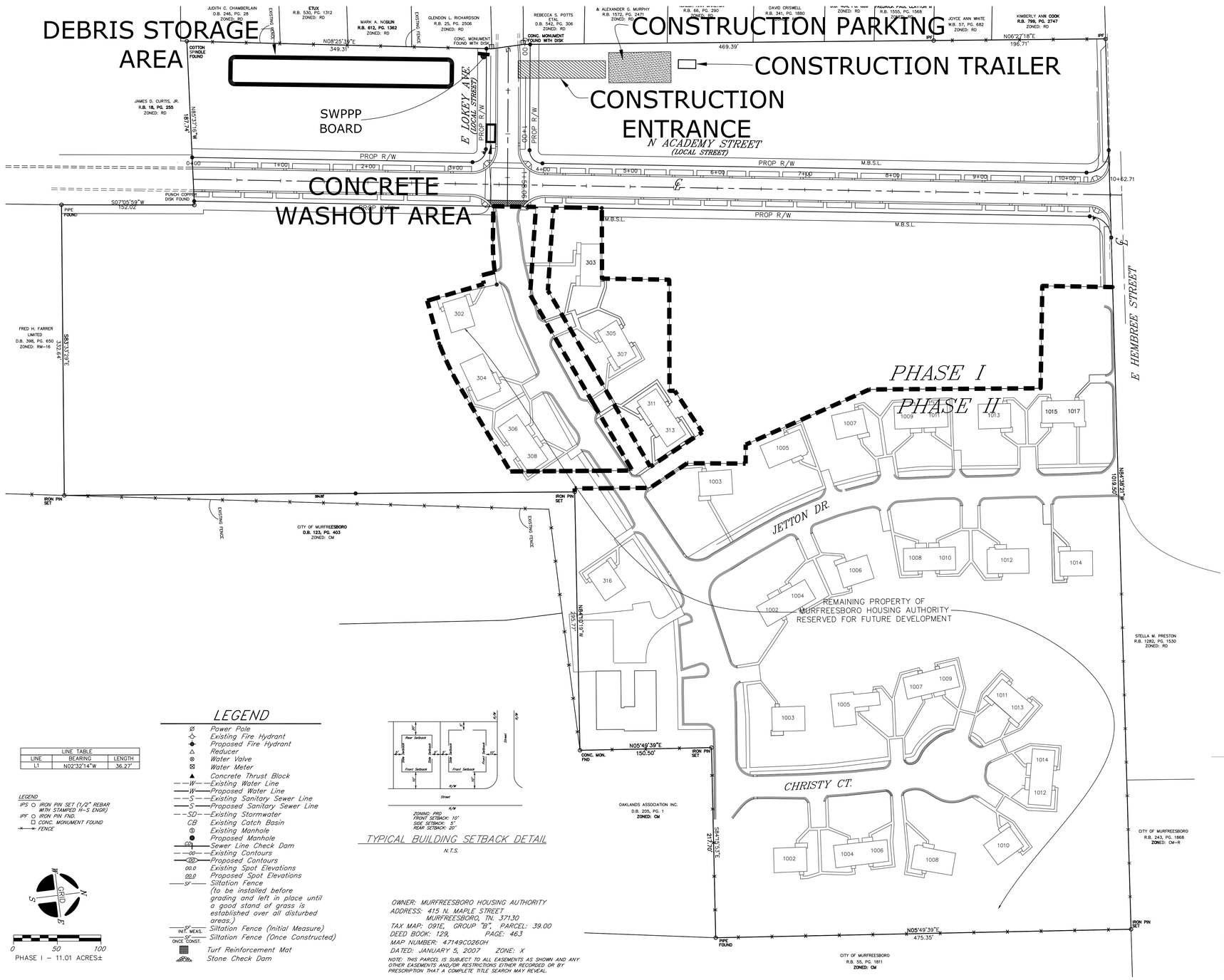
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas / :
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

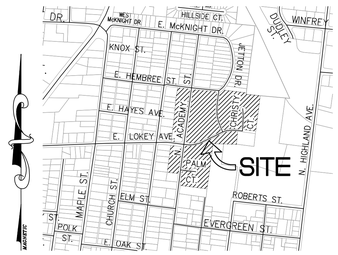
DRAWING NO:
SH. SP6 OF SP9

BINDING EDGE

BINDING EDGE

BINDING EDGE





LOCATION MAP

N.T.S.

NOTES

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LINE TABLE		
LINE	BEARING	LENGTH
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LEGEND

IPS ○ IRON PIN SET (1/2" REBAR WITH STAMPED H-S ENGR)
IPF ○ IRON PIN FND.
☐ CONC. MONUMENT FOUND
FENCE

LEGEND

- Ø Power Pole
- Existing Fire Hydrant
- Proposed Fire Hydrant
- Reducer
- Water Valve
- Water Meter
- Concrete Thrust Block
- —W— Existing Water Line
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- —S— Proposed Sanitary Sewer Line
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- —SF— ONCE CONST. Siltation Fence (Once Constructed)
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TYPICAL BUILDING SETBACK DETAIL

N.T.S.

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
TAX MAP: 091E, GROUP "B", PARCEL: 39.00
DEED BOOK: 129, PAGE: 463
MAP NUMBER: 47149C0260H
DATED: JANUARY 5, 2007 ZONE: X

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0 50 100

PHASE I – 11.01 ACRES±

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

CONSTRUCTION FACILITIES PLAN

OAKLAND COURT

PHASE I SITE PLAN

20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
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CONTACT:	Margaret Butler
EMAIL:	mbutler@mhminc.com
TELEPHONE:	(865) 544-2000
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

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DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
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DRAWING NO:

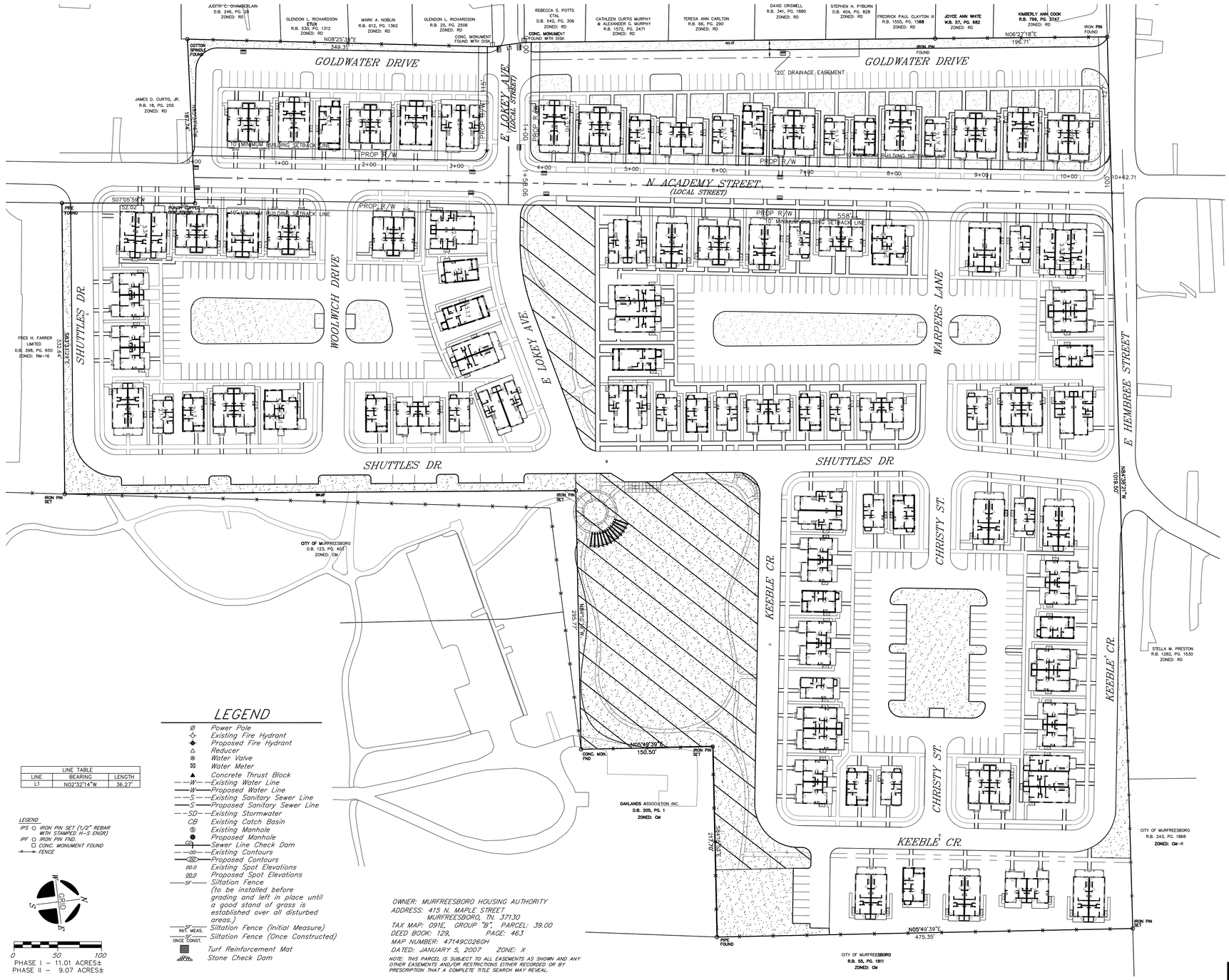
SH. SP7 OF SP9

TIME / DATE: 1/29/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE



LEGEND

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- IPF ○ IRON PIN FND.
- ☐ CONC. MONUMENT FOUND
- FENCE

GRID N

0 50 100

PHASE I – 11.01 ACRES±
PHASE II – 9.07 ACRES±

OWNER: MURFREESBORO HOUSING AUTHORITY
ADDRESS: 415 N. MAPLE STREET
MURFREESBORO, TN. 37130
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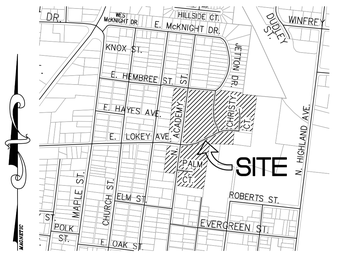

LOCATION MAP

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OPEN SPACE
TOTAL SITE AREA: 20.08±ACRES
OPEN SPACE REQUIRED 20%: 20.08*0.20=4.016 ACRES
=174,937 SQ FT

OPEN SPACE PROVIDED: 175,760 SQ FT

OPEN SPACE

FORMAL OPEN SPACE
TOTAL SITE AREA: 20.08±ACRES
FORMAL OPEN SPACE REQUIRED 5%: 20.08*0.05=1.004 ACRES
=43,734 SQ FT

FORMAL OPEN SPACE PROVIDED: 88,972 SQ FT

FORMAL OPEN SPACE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

OPEN SPACE PLAN

OAKLAND COURT

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20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

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PROJECT INFORMATION

CONTRACT: S8C-000000000000000

OAKLAND COURT REDEVELOPMENT

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MURFREESBORO , TENNESSEE 37130

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SH. SP8 OF SP10

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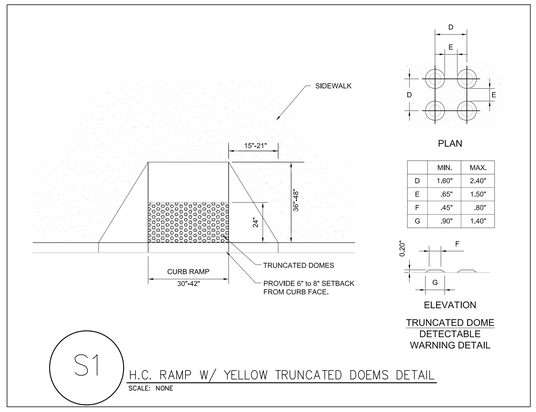
BINDING EDGE

BINDING EDGE

BINDING EDGE

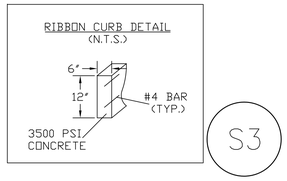


	MIN.	MAX.
D	1.60"	2.40"
E	.65"	1.50"
F	.45"	.80"
G	.90"	1.40"

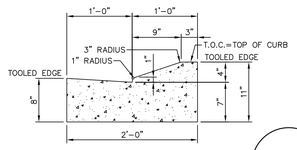
TRUNCATED DOME DETECTABLE WARNING DETAIL

S1 H.C. RAMP W/ YELLOW TRUNCATED DOEMS DETAIL

SCALE: NONE



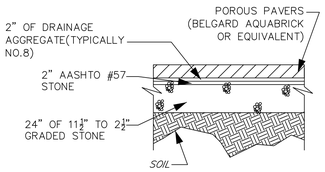
S3



ROLLOVER CURB WITH GUTTER

N.T.S.

S4



POROUS PAVERS DETAIL

N.T.S.

NOTE: POROUS PAVER PATTERN TO BE APPROVED BY OWNER PRIOR TO CONSTRUCTION

S7

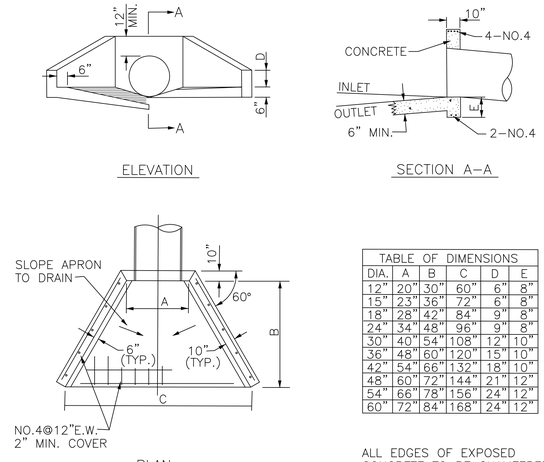


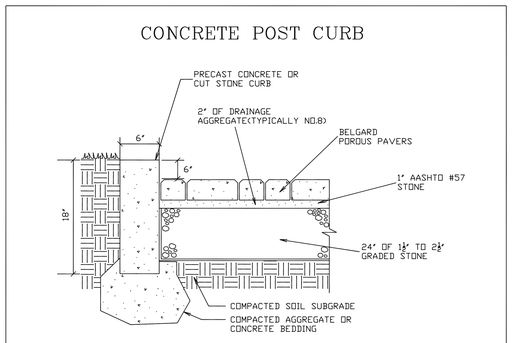
TABLE OF DIMENSIONS					
DIA.	A	B	C	D	E
12"	20"	30"	60"	6"	8"
15"	23"	36"	72"	6"	8"
18"	28"	42"	84"	9"	8"
24"	34"	48"	96"	9"	8"
30"	40"	54"	108"	12"	10"
36"	48"	60"	120"	15"	10"
42"	54"	66"	132"	18"	10"
48"	60"	72"	144"	21"	12"
54"	66"	78"	156"	24"	12"
60"	72"	84"	168"	24"	12"

ALL EDGES OF EXPOSED CONCRETE TO BE CHAMFERED ONE INCH.

CONCRETE HEADWALL DETAIL

SCALE: NOT TO SCALE

S10

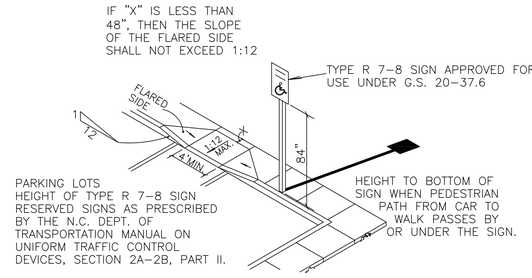


NOTE:
1. THICKNESS OF AGGREGATE BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.

CONCRETE CURB WITH PERVIOUS PAVERS

N.T.S.

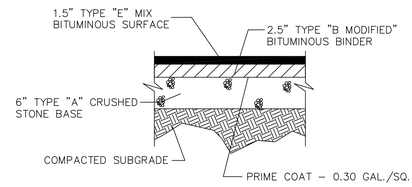
S18



H.C. SIGN AND RAMP DETAILS

N.T.S.

S5



LIGHT DUTY PAVING SECTION

N.T.S.

S8

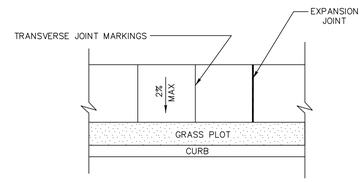
EXPANSION JOINTS ARE TO BE PLACED 25 TO 30 FEET APART DEPENDING ON TRANSVERSE JOINT MARKINGS.

SIDEWALKS SHALL BE 4" MIN. THICKNESS.

TRANSVERSE JOINT MARKINGS ARE TO BE MADE TO FORM BLOCKS AS NEARLY TO SQUARE AS PRACTICAL

HANDICAP RAMPS TO CONFORM TO TDOT STD. RP-H-SERIES

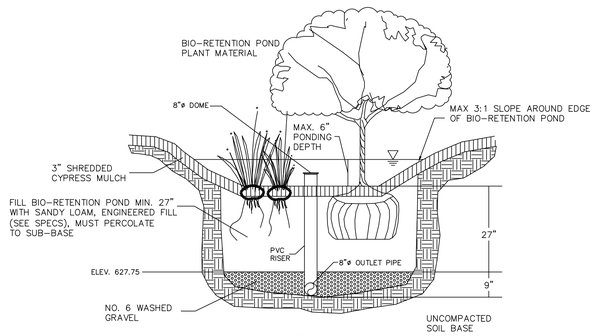
FOR ADDITIONAL SIDEWALK DETAILS SEE TDOT STD. RP-S-7



CONCRETE SIDEWALK DETAIL

(NOT TO SCALE)

S9



SUB-BASE MUST NOT BE OVER-COMPACTED. EXCAVATE BIO-RETENTION POND FROM PERIMETER. DO NOT RUN CONSTRUCTION EQUIPMENT OVER BIO-RETENTION POND SUBSOIL.

RUNOFF MUST INFILTRATE THROUGH UNDISTURBED SUBSOILS AT A MINIMUM RATE OF 1" PER HOUR.

BIO-RETENTION AREAS DETAIL

SCALE: NONE

S6

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINSTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions of job site.

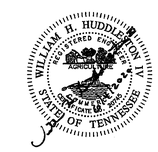
CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description



HUDDLESTON-STEELE ENGINEERING, INC.

2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 - 4084, FAX: 893 - 0080

DRAWING INFORMATION

SCALE:	N.T.S.
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

DETAILS

OAKLAND COURT

PHASE I SITE PLAN

20th CIVIL DISTRICT - RUTHERFORD COUNTY - TN.

DRAWING NO:

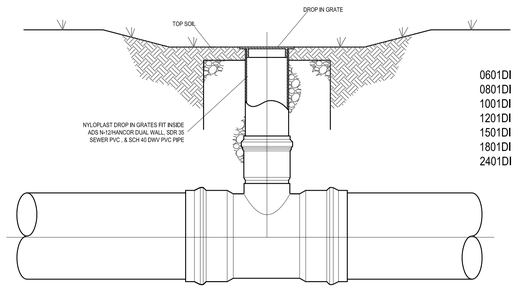
SH. SP9A OF SP9

TIME / DATE: 1/28/2020 11:49:59 AM

BINDING EDGE

BINDING EDGE

BINDING EDGE



S11

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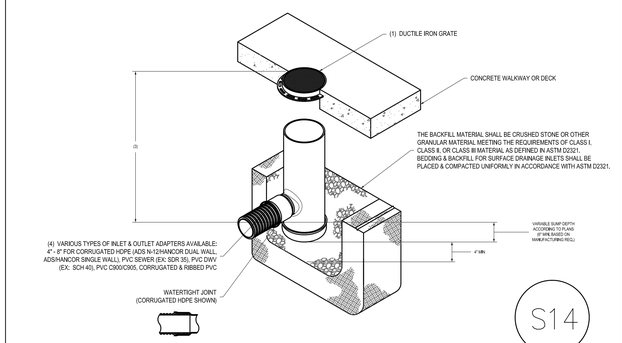
NYLOPLAST 8" DRAIN BASIN: 2808AG _ _ X



S14

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - CUSTOM DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
3 - STANDARD DRAIN BASINS HAS FIXED ADAPTER LOCATIONS OF 0° & 180°. CUSTOM DRAIN BASIN ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL) & PVC SEWER (4" - 24").

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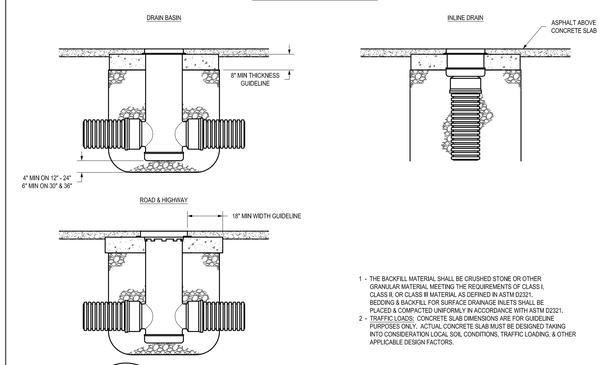
ASPHALT INSTALLATION



1 - THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.
2 - TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

S16

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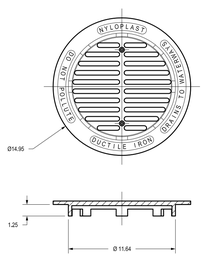
1201DI

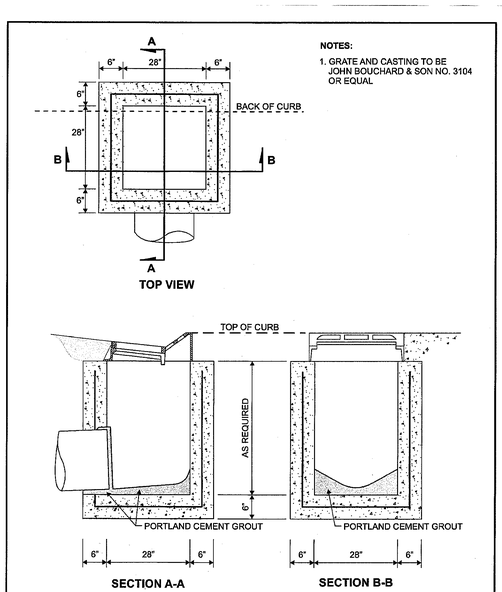
APPROX. DRAIN AREA = 39.75 SQ IN
APPROX. WEIGHT = 15 LBS



S12

DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE HAS LIGHT DUTY RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART 36, DEPARTMENT OF JUSTICE, 28 CFR PART 36.

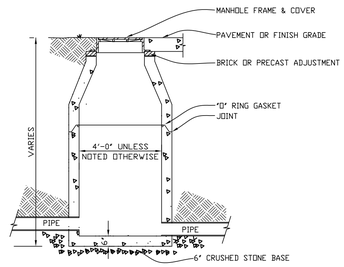
THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. 02201-NYLOPLAST	DRAWN BY AWA DATE 3-5-00 REVISED BY EBC DATE 4-13-11 DWG SIZE A	MATERIAL PROJECT NO./NAME SCALE 1:6 SHEET 1 OF 1	Nyloplast 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplastus.com TITLE 12 IN DROP IN DWG NO. 7001-110-021 REV D



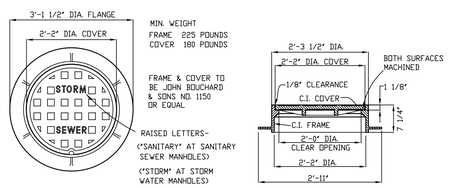
NOTES:
1. GRATE AND CASTING TO BE JOHN BOUCHARD & SON NO. 3104 OR EQUAL

REVISIONS	DATE	CONC. SINGLE INLET DETAIL FOR ROLLOVER CURB AND GUTTER	City of MURFREESBORO TENNESSEE
		REVISION NO. DR-6	DATE July 2009

S15



SECTION

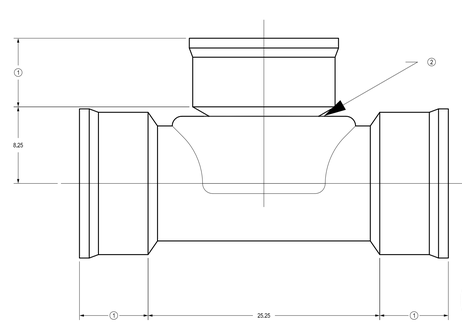


PLAN

SECTIONAL ELEVATION

STORM DRAIN MANHOLE (SDMH)
DETAIL
SCALE: NOT TO SCALE

S17



S13

1 - SEE DRAWING NO. 7001-110-364 FOR ADS/HANCOR N-12 HP BELL INFORMATION
2 - SEE DRAWING NO. 7003-110-031 FOR WATER TIGHT SHAGE JOINT DETAIL
3 - DIMENSIONS ARE FOR REFERENCE ONLY ACTUAL DIMENSIONS MAY VARY
4 - DIMENSIONS ARE IN INCHES

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TIME / DATE: 1/28/2020 11:49:59 AM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- SCHEMATIC DESIGN
- DESIGN DEVELOPMENT
- REDI-CHECK
- **CONSTRUCTION DOCUMENTS**
- CONSTRUCTION BIDDING PHASE
- CONSTRUCTION ADMINSTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

WILLIAM H. HUDDLESTON III REGISTERED ENGINEER AGRICULTURE NO. 102-0-5 STATE OF TENNESSEE

HUDDLESTON-STEELE ENGINEERING, INC.
2115 N.W. BROAD STREET, MURFREESBORO, TN 37129
SURVEYING : 893 – 4084, FAX: 893 – 0080

DRAWING INFORMATION

SCALE:	N.T.S.
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

DETAILS

OAKLAND COURT
PHASE I SITE PLAN

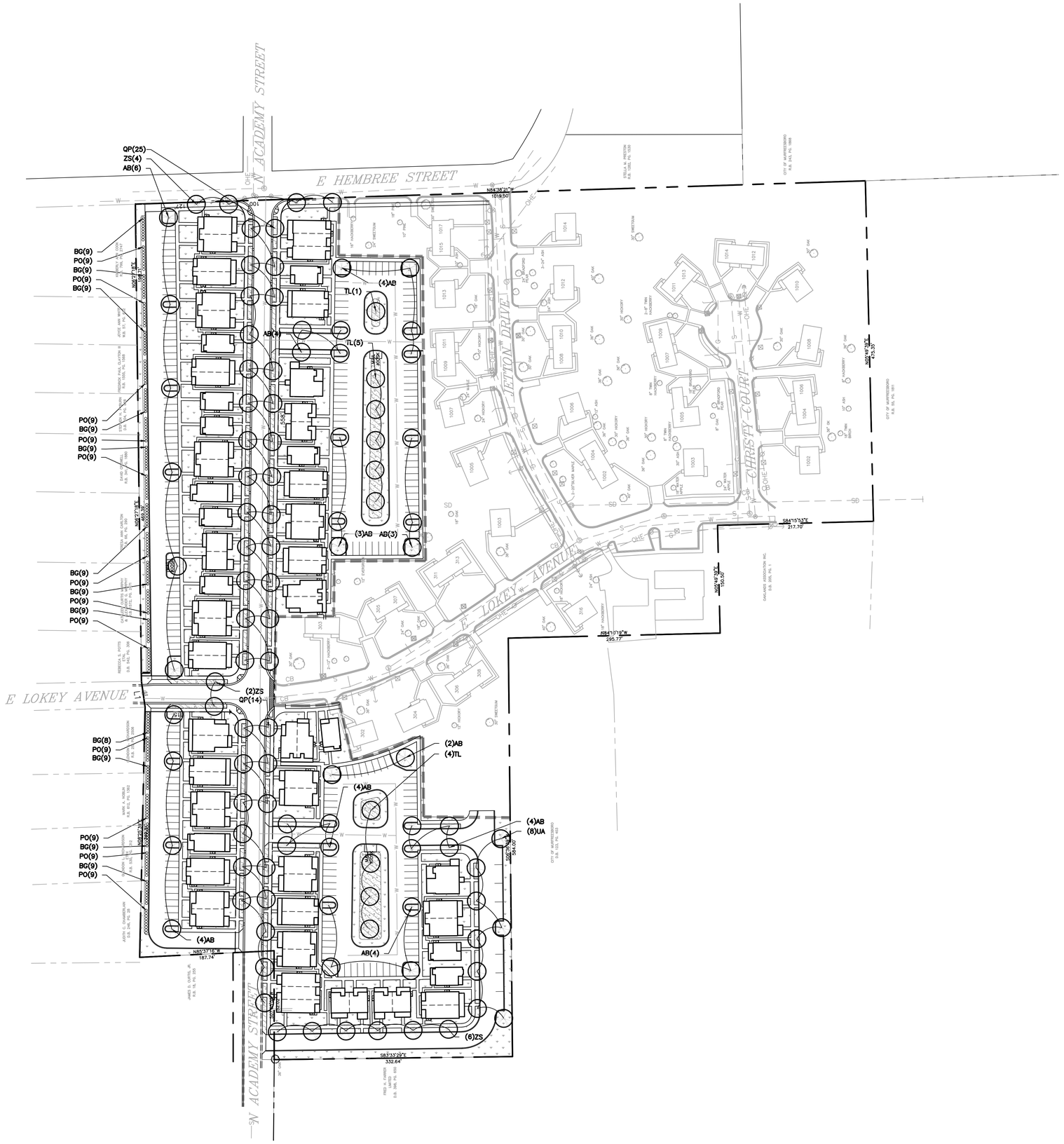
20th CIVIL DISTRICT – RUTHERFORD COUNTY – TN.

DRAWING NO:
SH. SP9B OF SP9

BINDING EDGE

BINDING EDGE

BINDING EDGE



SITE DATA:

PROPERTY INFORMATION:

STREET ADDRESS:	N. ACADEMY ST. & E. LOCKEY AVE
CIVIL DISTRICT:	20
TOTAL LOT SIZE:	20.08±AC. (874,684.8 S.F.)
PHASE ONE:	9.67±AC. (421,225.2 S.F.)
PHASE TWO:	10.41±AC. (453,459.6 S.F.)

ZONING INFORMATION:

ZONING CLASSIFICATION:	PRD

OWNER/DEVELOPER:
MURFREESBORO HOUSING AUTHORITY
THOMAS ROWE
415 N. MAPLE STREET
MURFREESBORO, TN 37130
(615) 225-9477
trowe@mha-tn.org

ARCHITECT:
MCCARTY HOLSAPLE MCCARTY
MARGARET BUTLER
550 W. MAIN STREET, SUITE 402
KNOXVILLE, TN 37902
(865) 544-2000
mbutler@mhminc.com

CIVIL
HUDDLESTON-STEELE ENGINEERING
BILL HUDDLESTON
2115 NW BROAD STREET
MURFREESBORO, TN 37129
(615) 893-4084
bhudd@hsengr.com

LANDSCAPE ARCHITECT:
RAGAN-SMITH & ASSOCIATES, INC.
MATT HAMILTON
100 E. VINE STREET, SUITE 402
MURFREESBORO, TN 37130
(615) 546-6050
mhamilton@ragansmith.com

LEGEND

BIORETENTION PLANTINGS

FESCUE SOD

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	Margaret Butler
EMAIL:	mbutler@mhminc.com
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

RAGAN•SMITH
LAND PLANNERS • CIVIL ENGINEERS
LANDSCAPE ARCHITECTS • SURVEYORS
Chattanooga 423-490-9600 | Nashville 615-244-6591 | Murfreesboro 615-546-6050
ragansmith.com

100 East Vine Street, Suite 402
Murfreesboro, TN 37130

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1" = 60'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Matt Hamilton
CHECKED BY:	Kevin Guenther

DRAWING TITLE:

LANDSCAPE PLAN

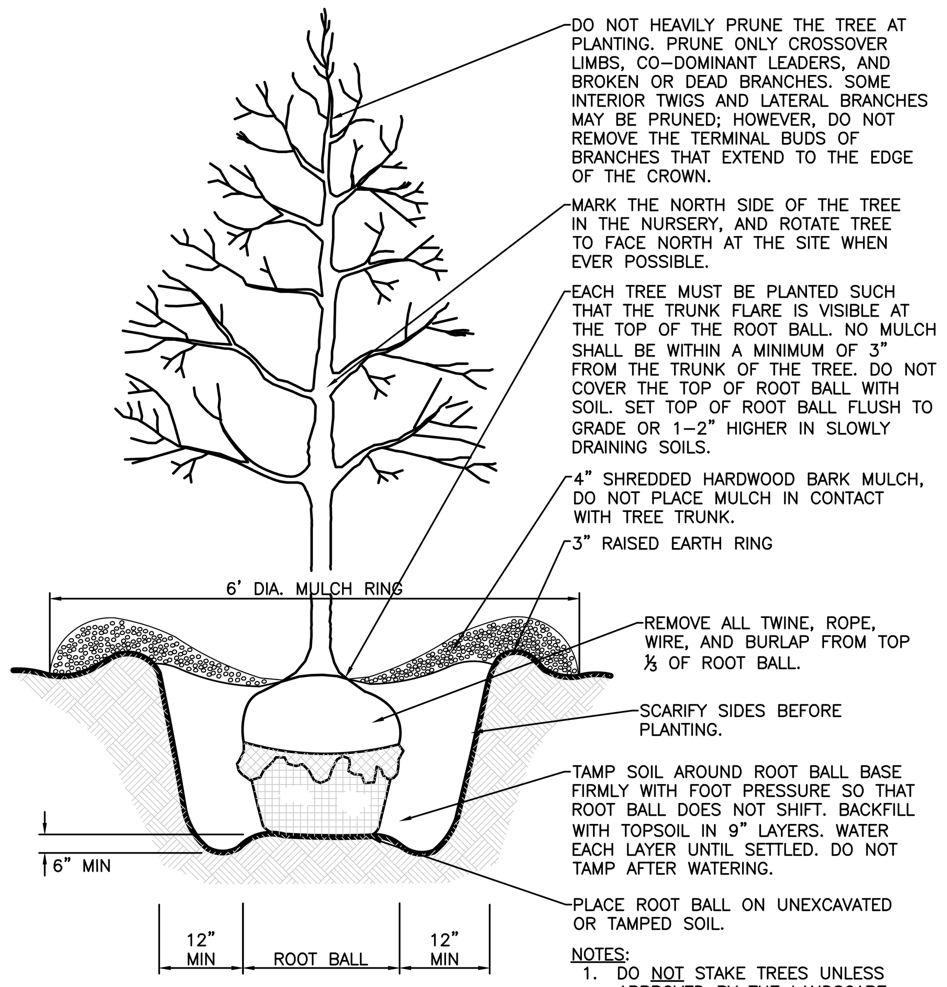
DRAWING NO:

L1.1

811 Know what's below. Call before you dig.

0 60 120

TIME / DATE: 1/28/2020 11:49:59 AM

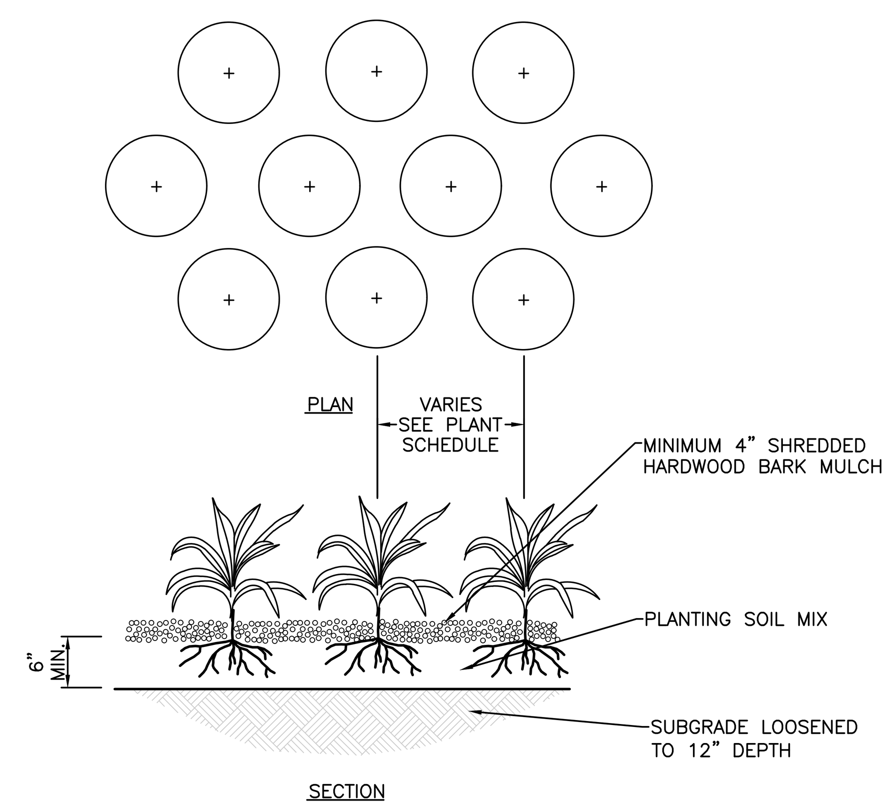


NOTES:

1. DO NOT STAKE TREES UNLESS APPROVED BY THE LANDSCAPE ARCHITECT. IF STAKED, REMOVE AFTER ONE GROWING SEASON.
2. DO NOT WRAP TREE TRUNKS UNLESS APPROVED BY THE LANDSCAPE ARCHITECT. REMOVE WRAP AFTER PLANTING.
3. NON-BIODEGRADABLE BURLAP TO BE REMOVED OR ROLLED UNDER ROOT BALL AFTER PLANT IS PLACED IN HOLE.

TREE PLANTING

NOT TO SCALE



GROUNDCOVER PLANTING

NOT TO SCALE

TYPICAL PLANT NOTES:

CANOPY TREES:

(WITH CENTRAL LEADER) B&B 5' CLEAR TRUNK, SINGLE/STRAIGHT CENTRAL LEADER, EVENLY BRANCHED, FULL CANOPY, SYMMETRICAL CROWN, MATCHED*
(WITHOUT CENTRAL LEADER) B&B 5' CLEAR TRUNK, EVENLY BRANCHED, FULL SYMMETRICAL CROWN, MATCHED*

EVERGREEN TREES:

B&B, FULL TO BASE, MATCHED*

UNDERSTORY TREES:

(MULIT-TRUNK) - B&B, 4' CLEAR CANE, MULTI-TRUNK, FULL SYMMETRICAL CROWN, MATCHED*, MIN. 3 CANES, MAX. 5 CANES, ½" MIN. CANE SIZE.
(SINGLE TRUNK) - B&B, 4' CLEAR TRUNK, FULL SYMMETRICAL CROWN, MATCHED*.

* MATCH- HEIGHT, WIDTH, CANOPY, FOLIAGE, SPECIES, & VARIETY OF PLANT MATERIAL SHALL CORRESPOND WITH THE PROPOSED AND EXISTING PLANT MATERIAL ALIKE.

PLANT SCHEDULE PHASE 1

TREES	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE	HEIGHT	SPACING	REMARKS
AB	38	ACER BUERGERIANUM / TRIDENT MAPLE	CANOPY	3" CAL.	14-16' HT	AS SHOWN	7FT CLEAR TRUNK, SINGLE-STRAIGHT CENTRAL LEADER, EVENLY BRANCHED, FULL SYMMETRICAL CROWN, STREET TREE QUALITY, MATCHED.
QP	39	QUERCUS PHELLOS / WILLOW OAK	CANOPY	3" CAL.	14-16' HT	AS SHOWN	7FT CLEAR TRUNK, SINGLE-STRAIGHT CENTRAL LEADER, EVENLY BRANCHED, FULL SYMMETRICAL CROWN, STREET TREE QUALITY, MATCHED.
TL	10	TILIA AMERICANA / AMERICAN LINDEN	CANOPY	3" CAL.	14-16' HT	AS SHOWN	7FT CLEAR TRUNK, SINGLE-STRAIGHT CENTRAL LEADER, EVENLY BRANCHED, FULL SYMMETRICAL CROWN, STREET TREE QUALITY, MATCHED.
UA	8	ULMUS PARVIFOLIA 'ALLEE' / ALLEE LACEBARK ELM	CANOPY	3" CAL.	14-16' HT	AS SHOWN	7FT CLEAR TRUNK, EVENLY BRANCHED, FULL SYMMETRICAL CROWN, STREET TREE QUALITY, MATCHED.
ZS	12	ZELKOVA SERRATA / SAWLEAF ZELKOVA	CANOPY	4" CAL.	16-18' HT	AS SHOWN	7FT CLEAR TRUNK, EVENLY BRANCHED, FULL SYMMETRICAL CROWN, STREET TREE QUALITY, MATCHED.
SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
BG	107	BUXUS X 'GREEN MOUNTAIN' / BOXWOOD	EVERGREEN	36" HT.	30-32"	AS SHOWN	FULL CONTAINER
PO	108	PRUNUS LAUROCERASUS 'OTTO LUYKEN' / LUYKENS LAUREL	EVERGREEN	36" HT.	36"	AS SHOWN	B&B OR FULL CONTAINER
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	TYPE	CONT	SPREAD	SPACING	REMARKS
FB	108,266 SF	FESTUCA ARUNDINACEA BLEND / TURF-TYPE TALL FESCUE BLEND	SOD	--	--	--	LOCALLY GROWN HEAT TOLERANT

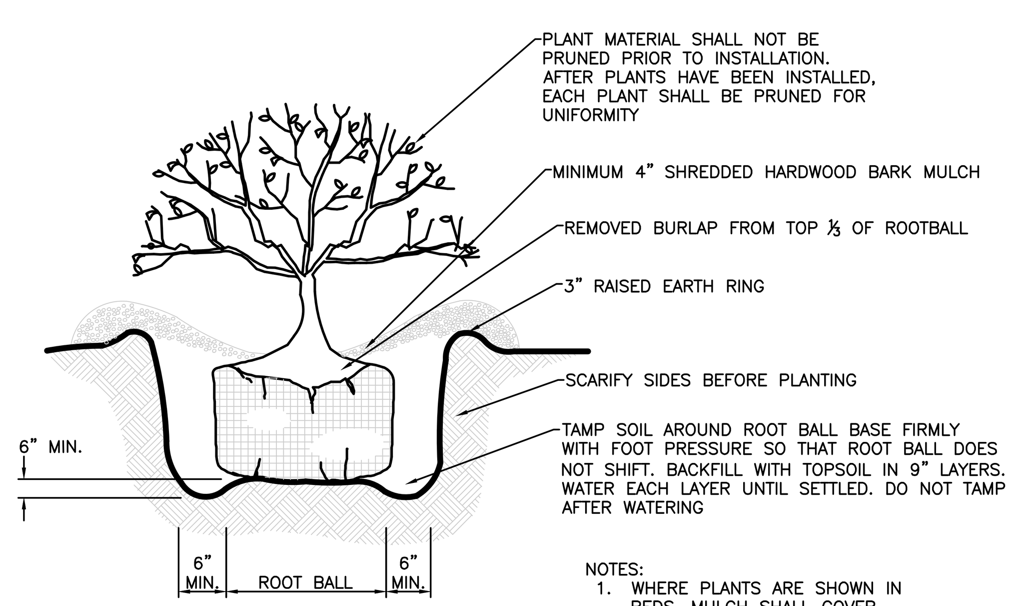
NOTES:

- ALL DISTURBED LAND NOT OTHERWISE PLANTED SHALL BE SODDED PER SODDING NOTES ON THIS SHEET.
- PARKING SCREENING SHRUBS SHALL BE 36" HEIGHT AT INSTALL TO MEET ORDINANCE REQUIREMENTS. SHRUBS INSTALLED BELOW PLANT SIZES SPECIFIED WILL REQUIRE REPLACEMENT.
- ADDITIONAL PLANT MATERIAL MAY BE REQUIRED PER TYPICAL SCREENING FOR ABOVE GROUND UTILITIES DETAIL THIS SHEET. THIS MATERIAL WOULD BE IN ADDITION TO MATERIAL SHOWN IN THE SCHEDULE.
- FOUNDATION PLANTINGS & PARKING LOT LANDSCAPE SHALL BE IRRIGATED VIA UNDERGROUND SYSTEM.

SODDING NOTES

1. AREAS INDICATED FOR SOD SHALL BE A LOCALLY GROWN FESCUE BLEND. MINIMUM AGE SHALL BE 18 MONTHS, WITH ROOT DEVELOPMENT THAT WILL SUPPORT ITS OWN WEIGHT WITHOUT TEARING WHEN SUSPENDED VERTICALLY BY HOLDING THE UPPER TWO CORNERS.
2. SUBMIT SOD CERTIFICATION FOR GRASS SPECIES AND LOCATION OF SOD SOURCE. INCLUDE CERTIFICATION THAT SOD IS FREE OF DISEASE, NEMATODES, UNDESIRABLE INSECTS, AND QUARANTINE RESTRICTIONS.
3. SOD SHALL BE DELIVERED ON PALLETS. STORE SOD AT A LOCATION PROTECTED FROM DAMAGING WINDS.
4. APPLY 18-24-12 PROFESSIONAL TURF FERTILIZER, WITH 50% OF THE ELEMENT DERIVED FROM ORGANIC SOURCES AT A RATE RECOMMENDED BY THE MANUFACTURER. APPLY AFTER SMOOTH RAKING OF TOPSOIL AND NO MORE THAN 48 HOURS BEFORE LAYING SOD. MIX THOROUGHLY IN THE UPPER 2 INCHES OF TOPSOIL AND LIGHTLY WATER TO AID BREAKDOWN.
5. LIGHTLY MOISTEN AREA TO RECEIVE SOD IMMEDIATELY PRIOR TO LAYING SOD.
6. LAY SOD TIGHTLY WITH NO OPEN JOINTS VISIBLE AND NOT OVERLAPPING. STAGGER END JOINTS A MINIMUM OF 12 INCHES AND DO NOT STRETCH SOD PIECES.
7. ON SLOPES 6 INCHES PER FOOT AND STEEPER, LAY SOD PERPENDICULAR TO SLOPE AND SECURE EVERY ROW WITH WOODEN PEGS AT AN MAXIMUM 2 FEET O.C. DRIVE PEGS FLUSH WITH SOD PORTION OF SOD.
8. PRIOR TO PLACING SOD ON SLOPES OF 8 INCHES PER FOOT AND STEEPER, PLACE JUTE EROSION CONTROL MESH OVER TOPSOIL. SECURELY ANCHOR IN PLACE WITH PEGS SUNK FIRMLY INTO THE GROUND. CONTRACTOR SHALL SUBMIT 12" X 12" SAMPLES OF JUTE MESH FOR REVIEW TO LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
9. IMMEDIATELY AFTER INSTALLATION, WATER SODDED AREAS TO A DEPTH OF 4 INCHES.
10. AFTER SOD AND SOIL HAVE DRIED, ROLL SODDED AREAS TO ENSURE A GOOD BOND BETWEEN SOIL AND SOD. ROLLER SHALL NOT EXCEED 150 POUNDS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING (MOWING, TRIMMING, WATERING) THE SOD UNTIL THE INSTALLATION IS INSPECTED AND ACCEPTED BY THE OWNER'S REPRESENTATIVE.
12. THE CONTRACTOR SHALL REPLACE SOD AREAS THAT SHOW DETERIORATION FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE OF THE INSTALLATION. REPLACE DETERIORATED MATERIAL WITH SOD OF EQUAL QUALITY ORIGINALLY SPECIFIED.

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL LANDSCAPING MATERIALS, INCLUDING TURF, AND IRRIGATION BOTH ON THE PROPERTY AND INSIDE OF THE R.O.W.

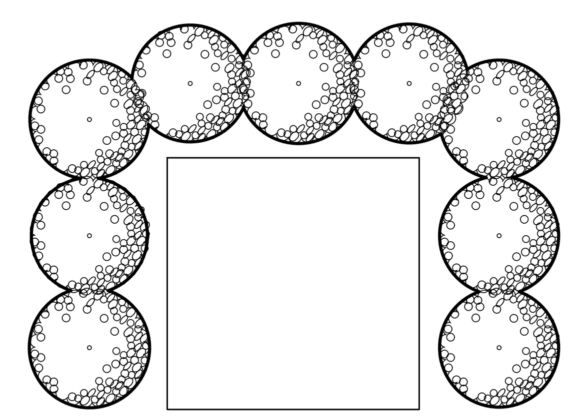


NOTES:

1. WHERE PLANTS ARE SHOWN IN BEDS, MULCH SHALL COVER ENTIRE BED AS DENOTED ON THE PLANS.
2. CONTAINER GROWN PLANT MATERIAL MAY BE SUBSTITUTED FOR BURLAP MATERIAL

SHRUB PLANTING

NOT TO SCALE



DOOR ACCESS

TYPICAL SCREENING FOR ABOVE GROUND UTILITIES

ALL SERVICE AREAS, MECHANICAL EQUIPMENT, TRASH CONTAINERS, AND FIELD SET ABOVE-GROUND UTILITY BOXES MUST BE SCREENED FROM THE PUBLIC R.O.W. ON THREE SIDES (LEAVING DOOR ACCESS FREE FROM PLANTINGS) WITH REQUIRED EVERGREEN PLANT MATERIAL. SCREENING MATERIAL MUST MEET OR EXCEED THE HEIGHT OF THE STRUCTURE THAT IS TO BE SCREENED. PRAGUE VIBURNUM OR APPROVED EQUAL SHOULD BE UTILIZED TO MEET THE SCREENING REQUIREMENT.

PLANTING NOTES

1. ANY SERIES OF TREES TO BE PLACED IN A PARTICULAR ARRANGEMENT WILL BE FIELD CHECKED FOR ACCURACY. ANY PLANTS MISARRANGED WILL BE RELOCATED.
2. SOIL USED IN BACKFILLING PLANTING PITS SHALL BE TOPSOIL AND MIXED WITH 25% PEAT BY VOLUME. EXCEPT FOR ERICACEOUS PLANTS, VERY ACID OR SOUR SOIL (SOIL HAVING A pH less than 6) SHALL BE MIXED WITH SUFFICIENT LIME TO PRODUCE A SLIGHTLY ACID REACTION (A pH of 6.0 to 6.5). ADD 10-10-10 COMMERCIAL FERTILIZER AT THE RATE OF 2 POUNDS PER CUBIC YARD. MIX BOTH FERTILIZER AND PEAT THOROUGHLY BY HAND OR ROTARY TILLER.
3. SOIL USED IN BACKFILLING ERICACEOUS PLANTS SHALL BE TOPSOIL MIXED WITH 50% PEAT BY VOLUME. ADD 5-10-5 COMMERCIAL FERTILIZER AT THE RATE OF 5 POUNDS PER CUBIC YARD. MIX BOTH FERTILIZER AND PEAT THOROUGHLY BY HAND OR ROTARY TILLER.
4. UPON SECURING PLANT MATERIAL AND BEFORE INSTALLATION, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE FOR A PRE-INSTALLATION INSPECTION TO VERIFY ALL PLANT MATERIAL MEETS SPECIFICATION. MATCH TREES OF SAME SPECIES IN GROWTH CHARACTER AND UNIFORMITY.
5. APPLY HERBICIDE (TREFLAN OR EQUIVALENT) TO ALL PLANT BEDS PRIOR TO PLANTING FOR NOXIOUS WEED CONTROL AT A RATE OF 2 POUNDS PER 1,000 SQUARE FEET.
6. CONTRACTOR SHALL SUBMIT A 10 OUNCE SAMPLE OF THE TOPSOIL PROPOSED TO A TESTING LABORATORY FOR ANALYSIS. SUBMIT TEST RESULTS WITH RECOMMENDATIONS FOR SUITABILITY TO THE OWNER'S REPRESENTATIVE FOR APPROVAL.
7. PLANTS SHALL BE ORIENTED FOR BEST APPEARANCE AND VERTICAL. ALL NON-BIODEGRADABLE ROOT CONTAINERS SHALL BE REMOVED.
8. SELECTIVELY TRIM TREE BRANCHES BY 25%, MAINTAINING NATURAL SHAPE. PRUNE ALL DEAD AND BROKEN BRANCHES IN TREES AND SHRUBS. REMOVE TAGS, TWINE OR OTHER NON-BIODEGRADABLE MATERIAL.
9. SCARIFY SUBSOIL IN PLANTING BEDS TO A DEPTH OF 3 INCHES. ALL PLANTING BEDS SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL.
10. CONTRACTOR SHALL PROVIDE SMOOTH, NEATLY TRENCHED (3 INCH DEEP) BED EDGES.
11. ALL PLANTING BEDS TO HAVE A MINIMUM 4 INCH DEEP PINE BARK MULCH, PINE STRAW MULCH OR OTHER MULCH AS SPECIFIED.
12. DIMENSIONS FOR TRUNK CALIPER, HEIGHTS, AND SPREAD SPECIFIED ON THE MATERIAL SCHEDULE ARE A GENERAL GUIDE FOR THE MINIMUM REQUIRED SIZE OF EACH PLANT. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH A.N.S.I. Z60 "AMERICAN STANDARD FOR NURSERY STOCK" (CURRENT EDITION) AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
13. THE QUANTITIES INDICATED ON THE MATERIAL SCHEDULE ARE PROVIDED FOR THE BENEFIT OF THE CONTRACTOR, BUT SHOULD NOT BE ASSUMED TO ALWAYS BE CORRECT. IN THE EVENT OF A DISCREPANCY, THE PLANTING PLAN (PLANT SYMBOLS) WILL TAKE PRECEDENCE OVER THE MATERIAL SCHEDULE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER OWN QUANTITY CALCULATIONS AND THE LIABILITY PERTAINING TO THOSE QUANTITIES AND ANY RELATED CONTRACT DOCUMENTS AND/OR PRICE QUOTATIONS.
14. CONTRACTOR TO WARRANTY ALL MATERIAL FOR ONE YEAR AFTER DATE OF FINAL ACCEPTANCE.

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PROJECT INFORMATION

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OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

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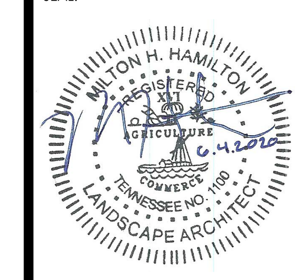

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PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Matt Hamilton
CHECKED BY:	Kevin Guenther

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LANDSCAPE NOTES & DETAILS

DRAWING NO:

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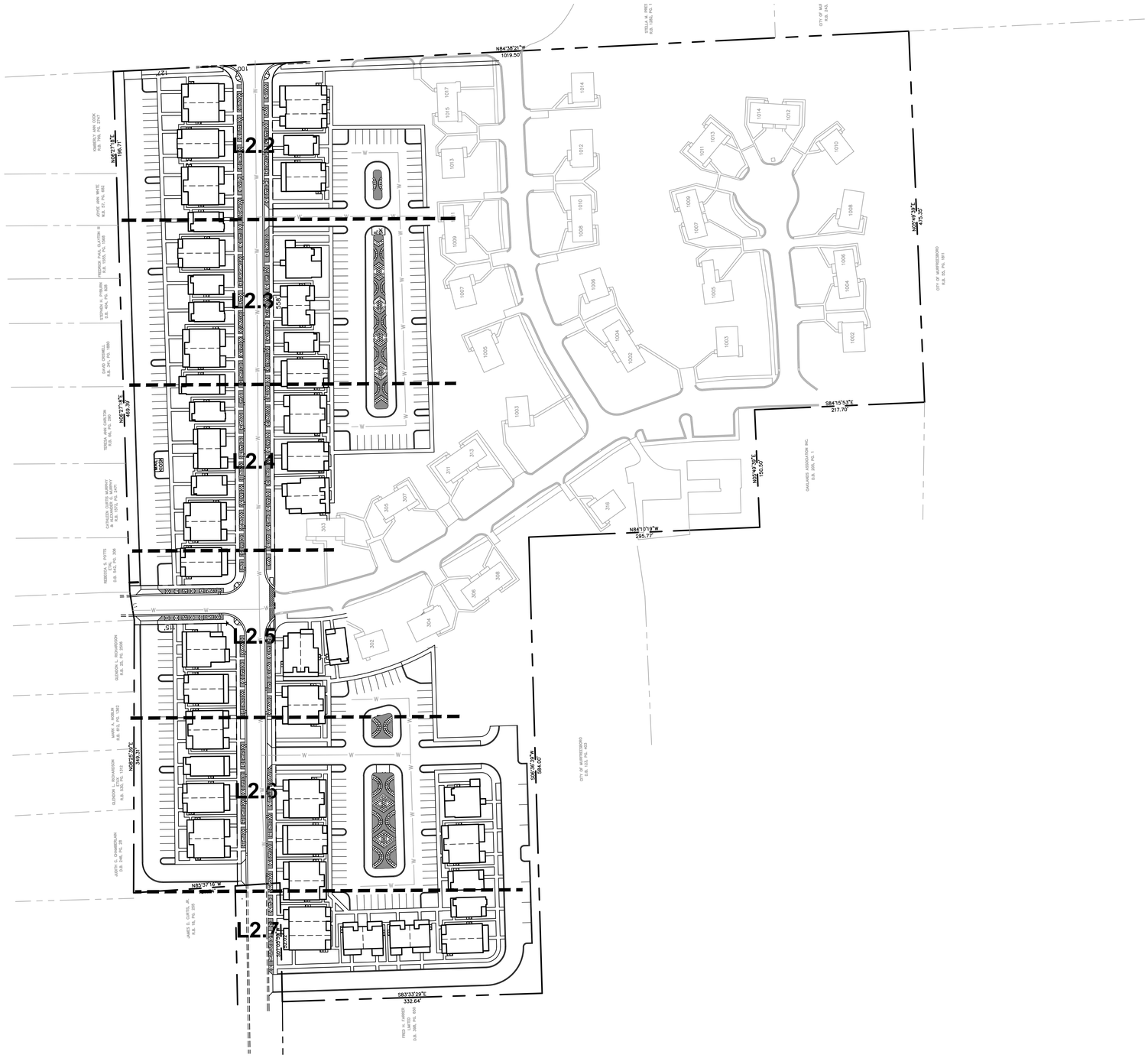

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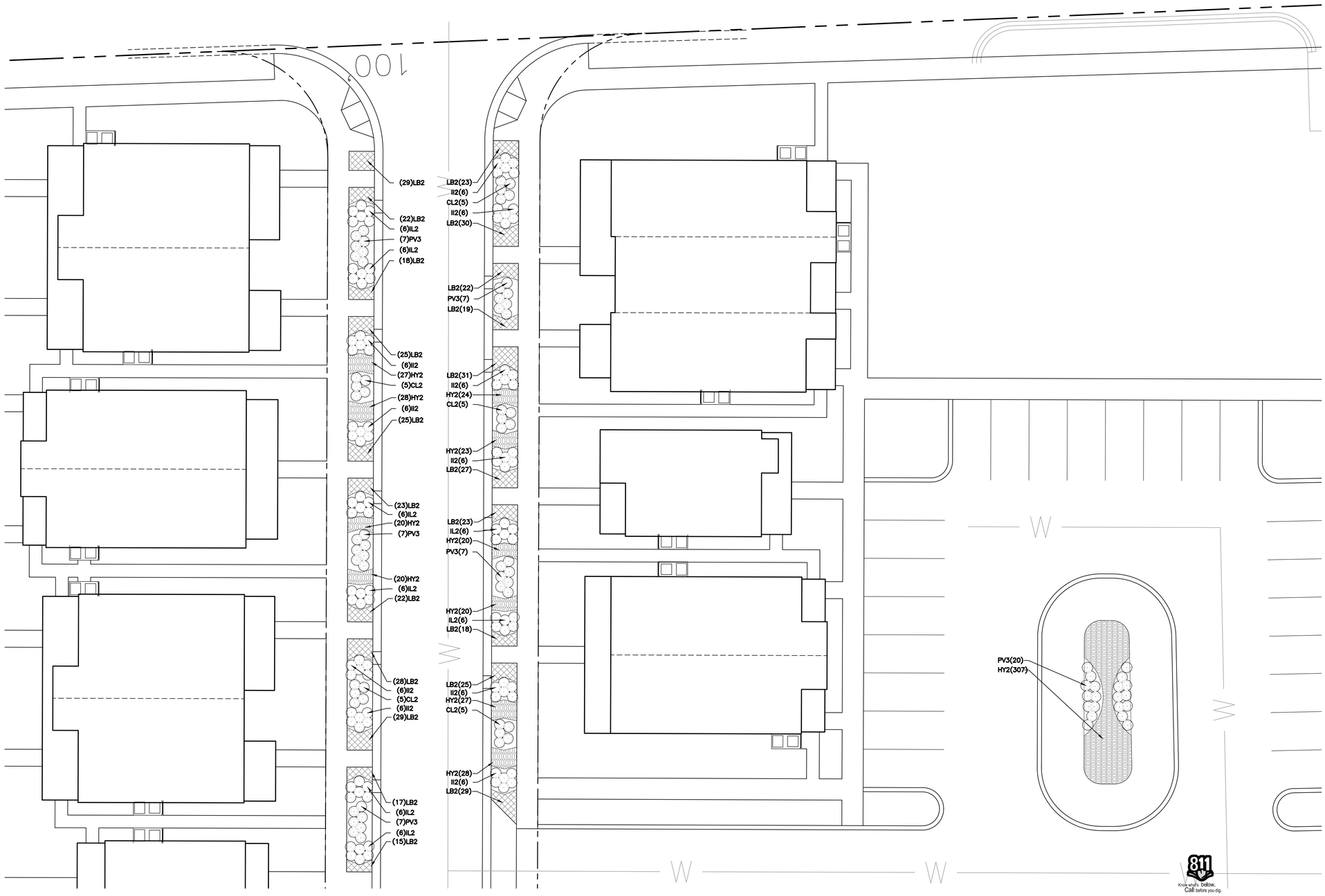

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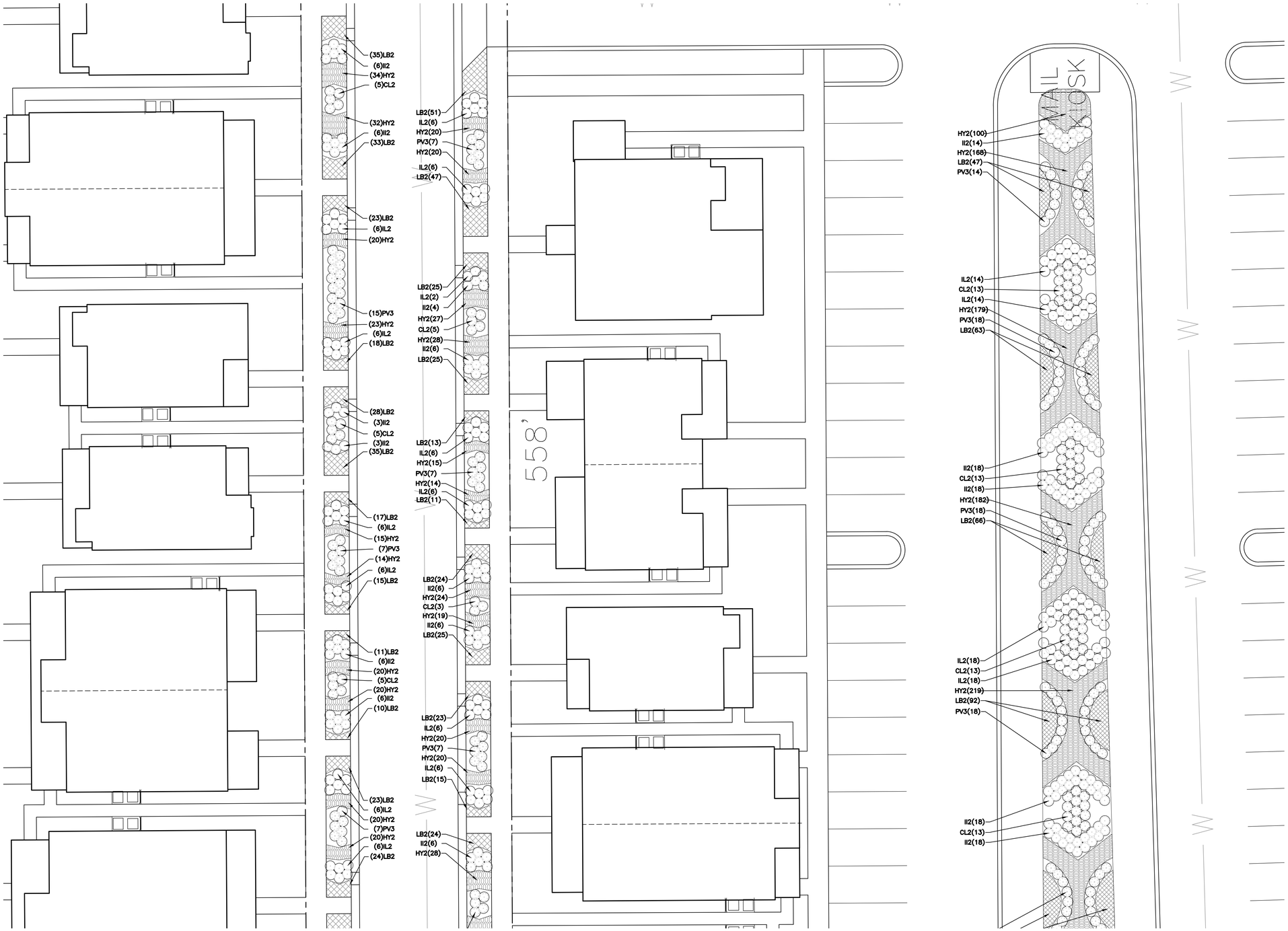

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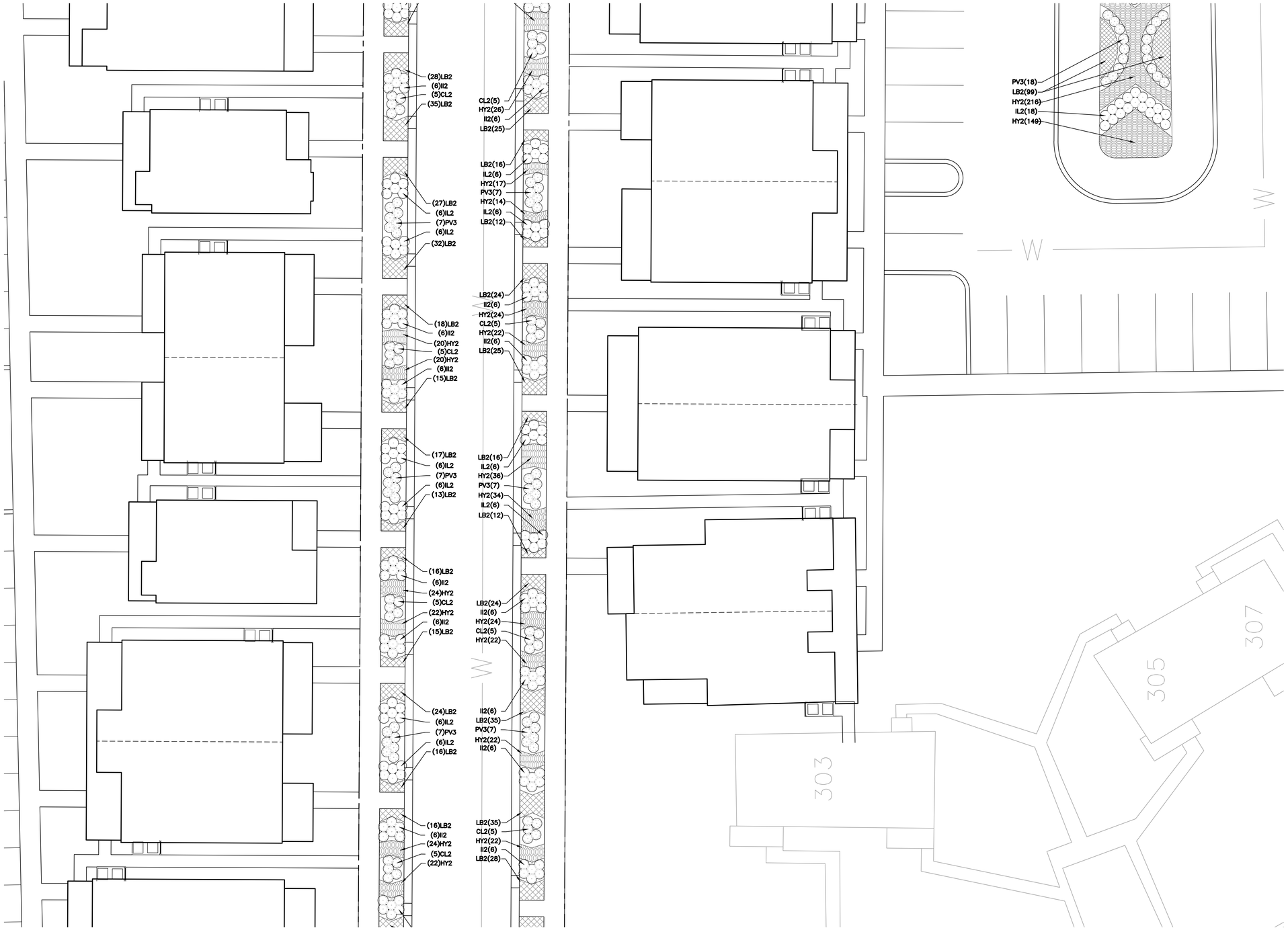

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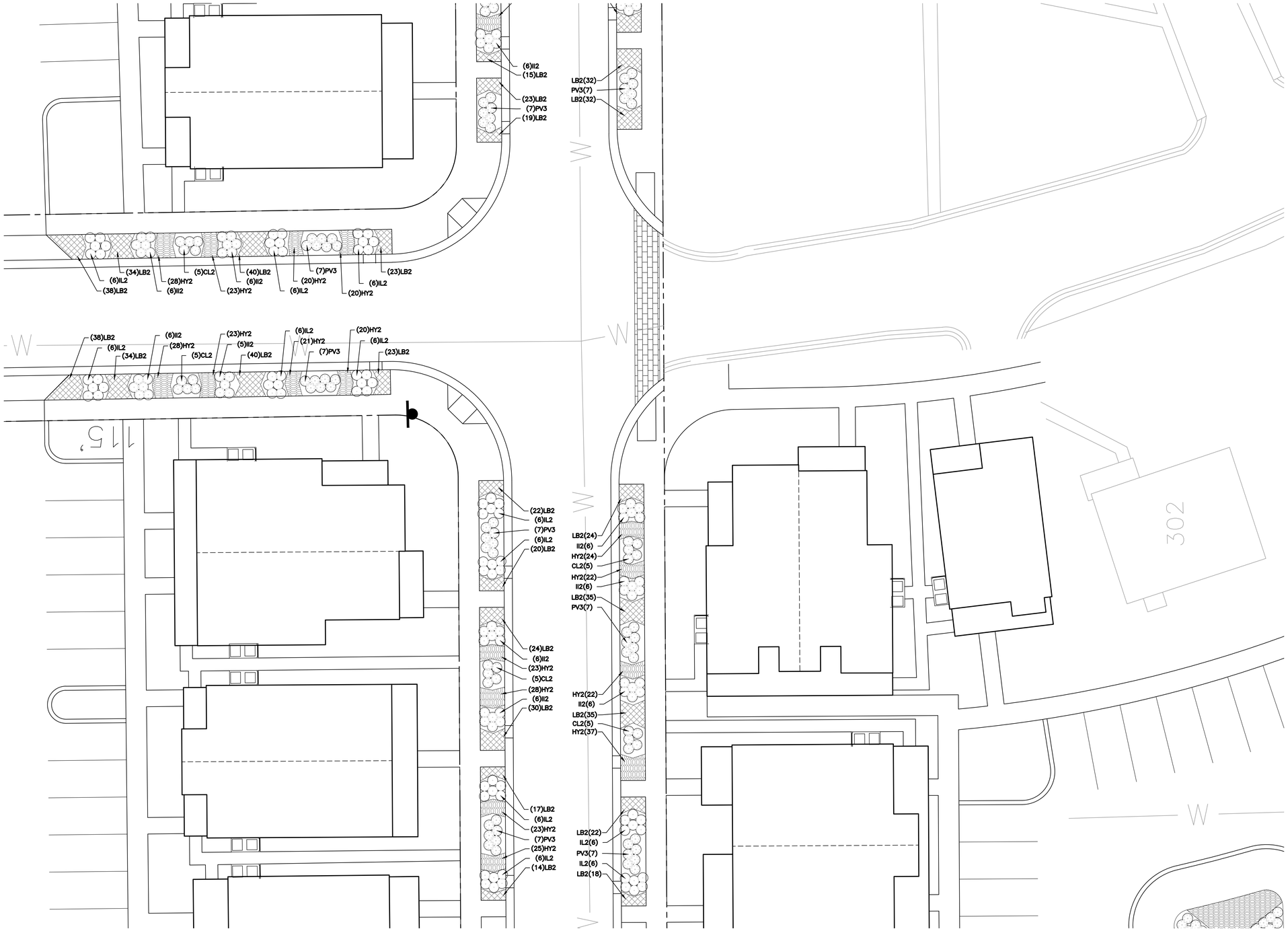

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ragansmith.com

100 East Vine Street, Suite 402
Murfreesboro, TN 37130

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1" = 10'
SCALE GUIDE:	
DWG ISSUED:	20 JAN 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Matt Hamilton
CHECKED BY:	Kevin Guenther

DRAWING TITLE:

BIORETENTION PLAN 4

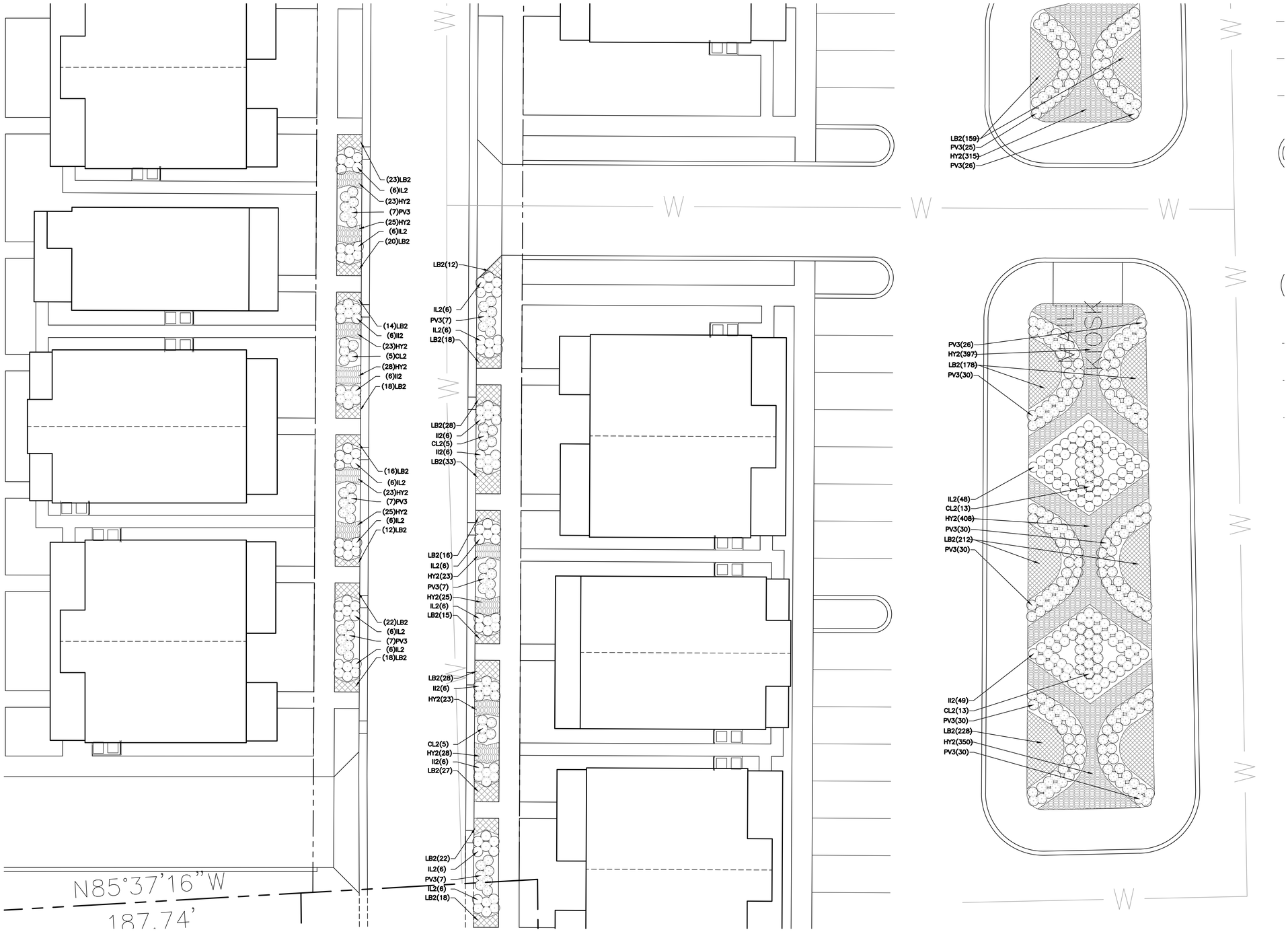
DRAWING NO:

L2.5

BINDING EDGE

BINDING EDGE

BINDING EDGE



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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

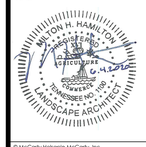
415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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PA / PC:	Jake Thomas / -
DRAWN BY:	Matt Hamilton
CHECKED BY:	Kevin Guenther

DRAWING TITLE:

BIORETENTION PLAN 5

DRAWING NO:

L2.6

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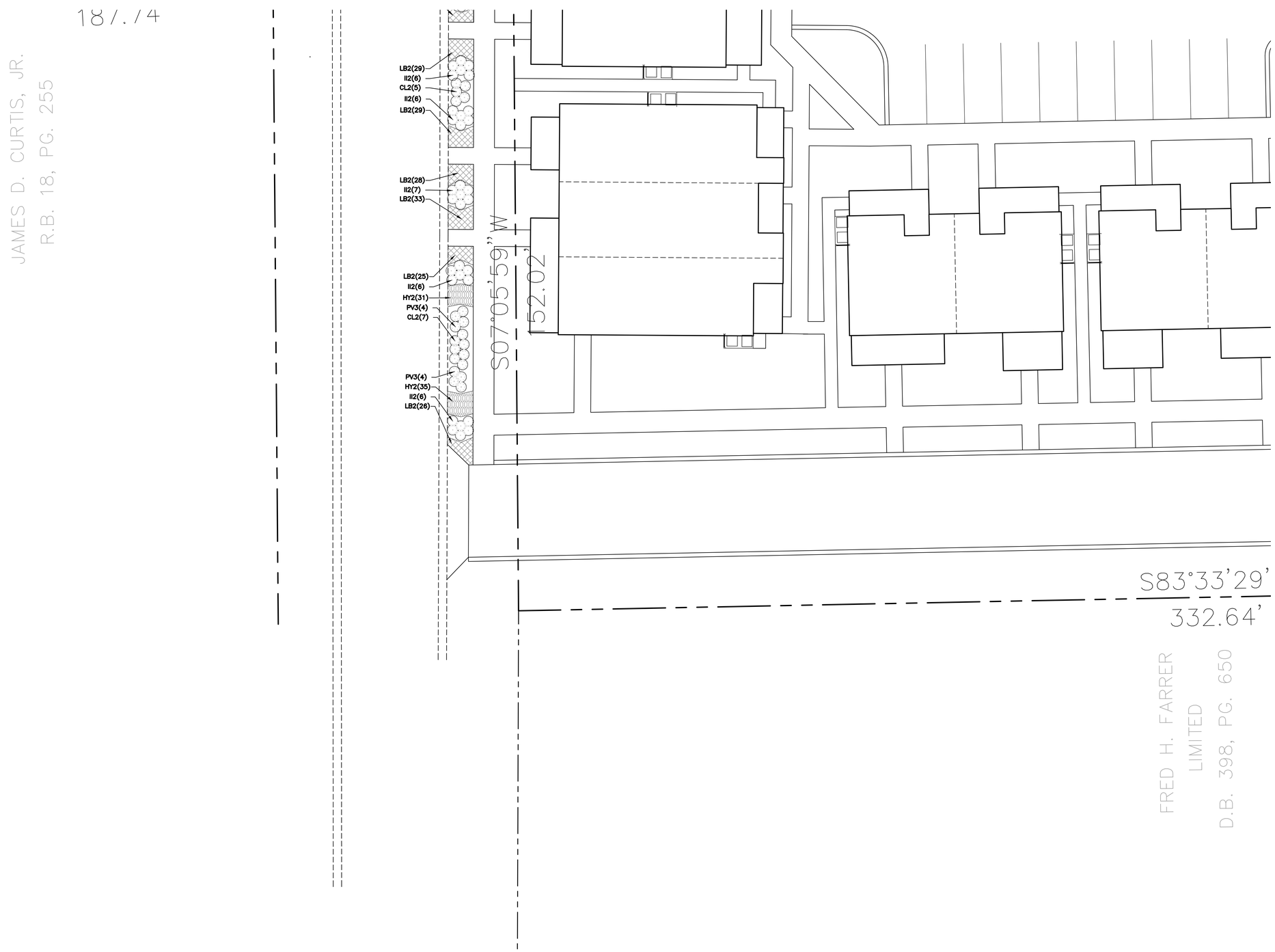

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OAKLAND COURT REDEVELOPMENT

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DRAWN BY:	Matt Hamilton
CHECKED BY:	Kevin Guenther

DRAWING TITLE:

BIORETENTION PLAN 6

DRAWING NO:

L2.7

TIME / DATE: 1/28/2020 11:49:59 AM

BINDING EDGE

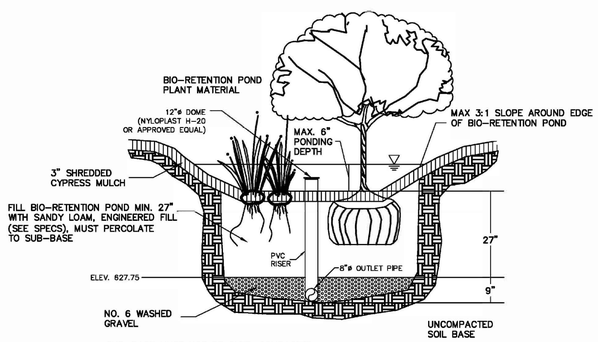
BINDING EDGE

BINDING EDGE

PLANT SCHEDULE BIORETENTION

BIORETENTION SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
CL2	218	CHASMANTHIUM LATIFOLIUM / WOOD OATS	ORNAMENTAL GRASSES	18" HT	18"	2' O.C.	TRIANGULATE SPACING
II2	457	ILEX GLABRA 'COMPACTA' / COMPACT INKBERRY	EVERGREEN	18"	24"	3' O.C.	FULL CONTAINER
IL2	456	ITEA VIRGINICA 'LITTLE HENRY' TM / VIRGINIA SWEETSPIRE	EVERGREEN	18" HT	20"	3' O.C.	FULL CONTAINER
PV3	566	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASSES	18" HT	12"	2' O.C.	TRIANGULATE SPACING
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	TYPE	CONT	SPREAD	SPACING	REMARKS
HY2	4,774	HEMEROCALLIS X / HYBRID DAYLILY	GROUND COVER	4" POT	--	12"O.C.	TRIANGULATE SPACING
LB2	3,905	LIRIOPE MUSCARI 'BIG BLUE' / BIG BLUE LILYTURF	GROUND COVER	4" POT	--	12"O.C.	TRIANGULATE SPACING

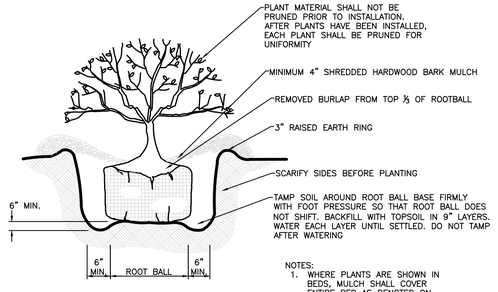
THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL LANDSCAPING MATERIALS, INCLUDING TURF, AND IRRIGATION BOTH ON THE PROPERTY AND INSIDE OF THE R.O.W.



SUB-BASE MUST NOT BE OVER-COMPACTED. EXCAVATE BIO-RETENTION POND FROM PERIMETER. DO NOT RUN CONSTRUCTION EQUIPMENT OVER BIO-RETENTION POND SUBSOIL.

RUNOFF MUST INFILTRATE THROUGH UNDISTURBED SUBSOILS AT A MINIMUM RATE OF 1" PER HOUR.

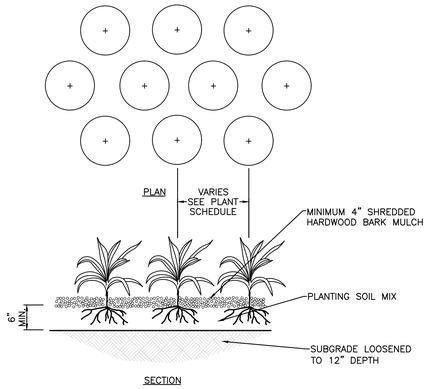
BIO-RETENTION AREAS



NOTES:
1. WHERE PLANTS ARE SHOWN IN BEDS, MULCH SHALL COVER ENTIRE BED AS DENOTED ON THE PLANS.
2. CONTAINER GROWN PLANT MATERIAL MAY BE SUBSTITUTED FOR BURLAP MATERIAL

SHRUB PLANTING

NOT TO SCALE



GROUNDCOVER PLANTING

NOT TO SCALE

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OAKLAND COURT REDEVELOPMENT

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CHECKED BY:	Kevin Guenther

DRAWING TITLE:

BIORETENTION NOTES & DETAILS

DRAWING NO:

L2.8

TIME / DATE: 1/29/2020 11:49:59 AM

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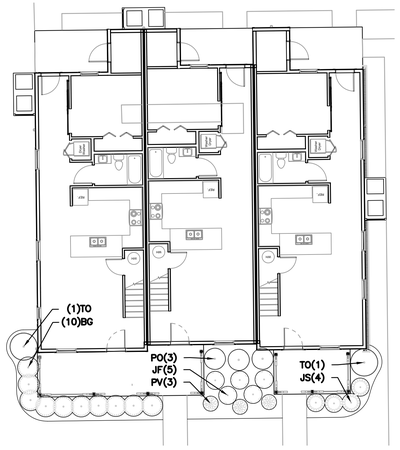
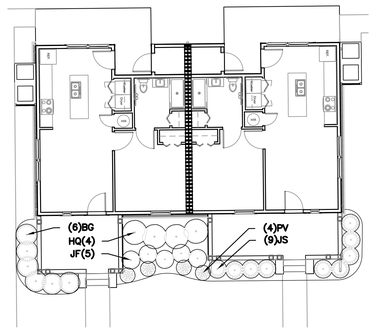
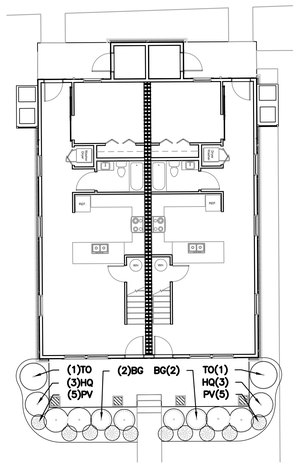
BINDING EDGE



3 BEDROOM TRIPLEX
SCALE: 1" = 10'



1 BEDROOM DUPLEX
SCALE: 1" = 10'



3 BEDROOM DUPLEX
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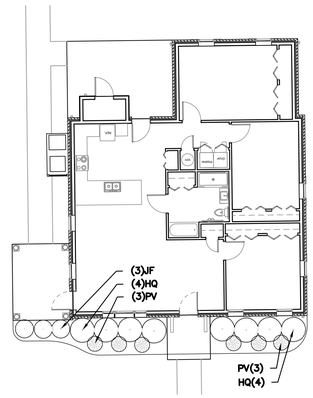
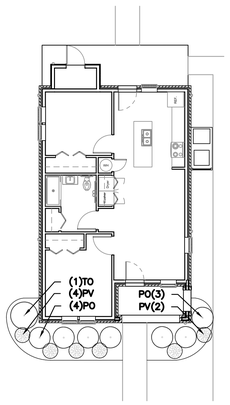
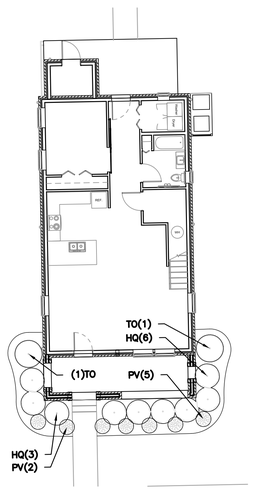


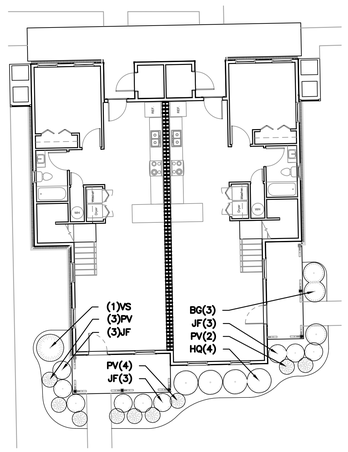
3 BEDROOM UNIT
SCALE: 1" = 10'



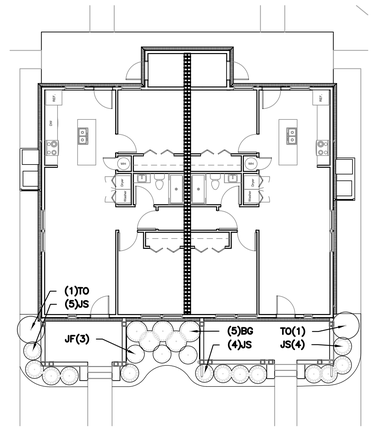
2 BEDROOM UNIT
SCALE: 1" = 10'



5 BEDROOM UNIT
SCALE: 1" = 10'



4 BEDROOM DUPLEX
SCALE: 1" = 10'



2 BEDROOM DUPLEX
SCALE: 1" = 10'

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PROJECT INFORMATION

CONTRACT:	SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REGULATORY
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MILTON H. HAMILTON JR. REGISTERED ARCHITECT 102000 TENNESSEE U.S.A. 6-19-2020 TENNESSEE NO. 1081 LANDSCAPE ARCHITECT

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DRAWING TITLE:

RESIDENTAIL PLANTING PLAN

DRAWING NO:

L3.1

PLANT SCHEDULE 3 BEDROOM TRIPLEX

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
BG	10	BUXUS X 'GREEN MOUNTAIN' / BOXWOOD	EVERGREEN	36" HT.	30–32"	AS SHOWN	FULL CONTAINER
JS	4	JUNIPERUS CHINENSIS 'SARGENTII' / SARGANT JUNIPER	EVERGREEN	12" HT.	20"	AS SHOWN	FULL CONTAINER
JF	5	JUNIPERUS CHINENSIS 'SEA GREEN' / SEA GREEN JUNIPER	EVERGREEN	18" HT	20"	AS SHOWN	FULL CONTAINER
PV	3	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING
PO	3	PRUNUS LAUROCERASUS 'OTTO LUYKEN' / LUYKENS LAUREL	EVERGREEN	36" HT.	36"	AS SHOWN	B&B OR FULL CONTAINER
TO	2	THUJA OCCIDENTALIS / AMERICAN ARBORVITAE	EVERGREEN	6'		AS SHOWN	B&B OR FULL CONTAINER

PLANT SCHEDULE 1 BEDROOM DUPLEX

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
BG	6	BUXUS X 'GREEN MOUNTAIN' / BOXWOOD	EVERGREEN	36" HT.	30–32"	AS SHOWN	FULL CONTAINER
HQ	4	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	DECIDUOUS	24" HT	30"	AS SHOWN	FULL CONTAINER
JS	9	JUNIPERUS CHINENSIS 'SARGENTII' / SARGANT JUNIPER	EVERGREEN	12" HT.	20"	AS SHOWN	FULL CONTAINER
JF	5	JUNIPERUS CHINENSIS 'SEA GREEN' / SEA GREEN JUNIPER	EVERGREEN	18" HT	20"	AS SHOWN	FULL CONTAINER
PV	4	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING

PLANT SCHEDULE 3 BEDROOM DUPLEX

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
BG	4	BUXUS X 'GREEN MOUNTAIN' / BOXWOOD	EVERGREEN	36" HT.	30–32"	AS SHOWN	FULL CONTAINER
HQ	6	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	DECIDUOUS	24" HT	30"	AS SHOWN	FULL CONTAINER
PV	10	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING
TO	2	THUJA OCCIDENTALIS / AMERICAN ARBORVITAE	EVERGREEN	6'		AS SHOWN	B&B OR FULL CONTAINER

PLANT SCHEDULE 3 BEDROOM UNIT

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
HQ	8	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	DECIDUOUS	24" HT	30"	AS SHOWN	FULL CONTAINER
JF	3	JUNIPERUS CHINENSIS 'SEA GREEN' / SEA GREEN JUNIPER	EVERGREEN	18" HT	20"	AS SHOWN	FULL CONTAINER
PV	6	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING

PLANT SCHEDULE 2 BEDROOM UNIT

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
PV	6	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING
PO	7	PRUNUS LAUROCERASUS 'OTTO LUYKEN' / LUYKENS LAUREL	EVERGREEN	36" HT.	36"	AS SHOWN	B&B OR FULL CONTAINER
TO	1	THUJA OCCIDENTALIS / AMERICAN ARBORVITAE	EVERGREEN	6'		AS SHOWN	B&B OR FULL CONTAINER

PLANT SCHEDULE 5 BEDROOM UNIT

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
HQ	9	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	DECIDUOUS	24" HT	30"	AS SHOWN	FULL CONTAINER
PV	7	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING
TO	2	THUJA OCCIDENTALIS / AMERICAN ARBORVITAE	EVERGREEN	6'		AS SHOWN	B&B OR FULL CONTAINER

PLANT SCHEDULE 4 BEDROOM DUPLEX

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
BG	3	BUXUS X 'GREEN MOUNTAIN' / BOXWOOD	EVERGREEN	36" HT.	30–32"	AS SHOWN	FULL CONTAINER
HQ	4	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	DECIDUOUS	24" HT	30"	AS SHOWN	FULL CONTAINER
JF	9	JUNIPERUS CHINENSIS 'SEA GREEN' / SEA GREEN JUNIPER	EVERGREEN	18" HT	20"	AS SHOWN	FULL CONTAINER
PV	9	PANICUM VIRGATUM / SWITCH GRASS	ORNAMENTAL GRASS	18" HT	12"	AS SHOWN	TRIANGULATE SPACING
VS	1	VIBURNUM OPULUS 'STERILE' / EASTERN SNOWBALL	DECIDUOUS	24" HT	24"	AS SHOWN	FULL CONTAINER

PLANT SCHEDULE 2 BEDROOM DUPLEX

SHRUBS	QTY	BOTANICAL / COMMON NAME	TYPE	SIZE/HT	SPREAD	SPACING	REMARKS
BG	5	BUXUS X 'GREEN MOUNTAIN' / BOXWOOD	EVERGREEN	36" HT.	30–32"	AS SHOWN	FULL CONTAINER
JS	13	JUNIPERUS CHINENSIS 'SARGENTII' / SARGANT JUNIPER	EVERGREEN	12" HT.	20"	AS SHOWN	FULL CONTAINER
JF	3	JUNIPERUS CHINENSIS 'SEA GREEN' / SEA GREEN JUNIPER	EVERGREEN	18" HT	20"	AS SHOWN	FULL CONTAINER
TO	2	THUJA OCCIDENTALIS / AMERICAN ARBORVITAE	EVERGREEN	6'		AS SHOWN	B&B OR FULL CONTAINER

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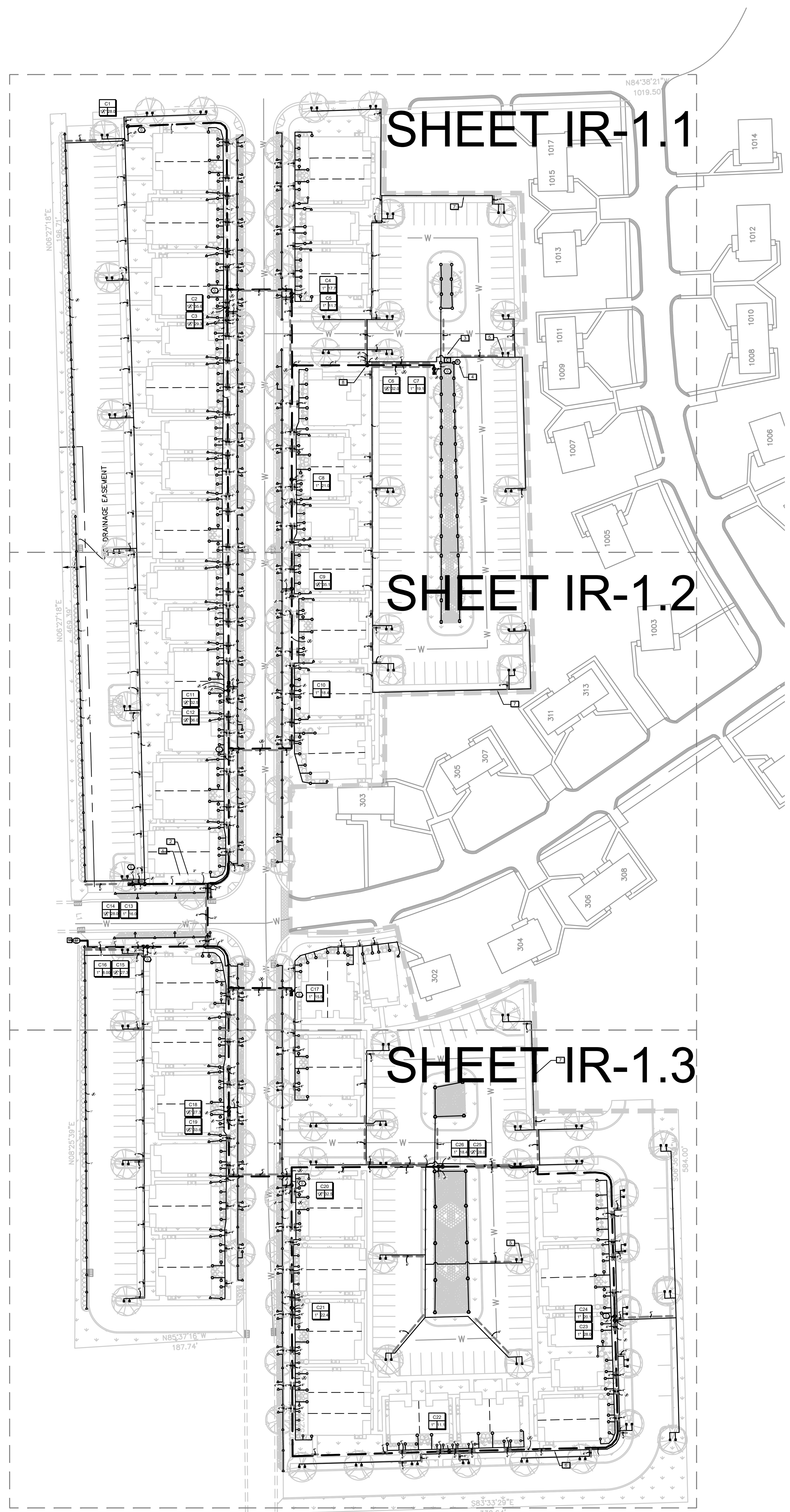
CHECKED BY:	Kevin Guenther

DRAWING TITLE:

RESIDENTIAL NOTES & DETAILS

DRAWING NO:

L3.2



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
ES LCS RCS CS SS	Hunter PROS-06-PRS30-CV 5` strip spray Turf Spray, 30 psi regulated 6.0" Pop-Up. With factory installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.
4 6 8 10 12 15 17	Hunter PROS-06-PRS30-CV adjustable arc Turf Spray, 30 psi regulated 6.0" Pop-Up. With factory installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.
ES LCS RCS CS SS	Hunter PROS-12-PRS30-CV 5` strip spray Shrub Spray, 30 psi regulated 12.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.
4 6 8 10 12 15 17	Hunter PROS-12-PRS30-CV Adjustable Arc Shrub Spray, 30 psi regulated 12.0" Pop-Up. With Factory Installed Drain Check Valve. Co-molded wiper seal with UV Resistant Material.
T	Hunter MP Corner PROS-12-PRS40-CV Shrub Rotator, 12" pop-up with factory installed check valve, pressure regulated to 40 psi, MP Rotator nozzle. T=Turquoise adj arc 45-105 on PRS40 body.
M L O	Hunter MP1000 PROS-12-PRS40-CV Shrub Rotator, 12" pop-up with check valve, pressure regulated to 40 psi, MP Rotator nozzle. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc on PRS40 body.
K G R	Hunter MP2000 PROS-12-PRS40-CV Shrub Rotator, 12" pop-up with check valve, pressure regulated to 40 psi, MP Rotator nozzle. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc on PRS40 body.
B Y A	Hunter MP3000 PROS-12-PRS40-CV Shrub Rotator, 12" pop-up with check valve, pressure regulated to 40 psi, MP rotary nozzle. B=Blue adj arc 90-210, Y=Yellow adj arc 210-270, A=Gray 360 arc on PRS40 body.
25Q 50Q 50H 10H 10F 20F	Hunter PROS-PRS30-06-CV-MSBN Multi-Stream Bubbler, 6" pop-up, factory installed drain check valve, 25=.25gpm, 50=0.5gpm, 10=1.0gpm, 20=2.0gpm.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird PEB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.
	Hunter HQ-44LRC-AW Quick coupler valve, yellow rubber locking cover, red brass and stainless steel, with 1" NPT inlet, 2-piece body. Acme Key with Anti-Rotation Wings.
	Nibco T-113 Class 125 bronze gate shut off valve with wheel handle, same size as mainline pipe diameter at valve location. Size Range - 1/4" - 3"
BF	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer
C	Rain Bird ESP-LXD-LXMMPED Flow sensing Two-Wire Decoder Commercial Controller. 50 Stations. UV-Resistant, Outdoor-Rated, Powder-Coated Metal Pedestal Case. Available in the US market, International, European, or Australian Markets.
R	Rain Bird WR2-RFS Wireless Rain/Freeze Sensor.
G	2-Wire Grounding Point Install as per plan detail.
M	Water Meter 1-1/2"
	Irrigation Lateral Line: PVC Class 200 SDR 21
	Irrigation Mainline: PVC Class 200 SDR 21
	Pipe Sleeve: PVC Schedule 40

Valve Callout

— Valve Number
#" # — Valve Flow
Valve Size

REFERENCE NOTES SCHEDULE

SYMBOL	DESCRIPTION
1	Irrigation system water source to be a 2" service line to a 1-1/2" meter and 1-1/2" RPZ backflow preventer. System requirements are 36 gpm at a static pressure of 65 psi. Verify flow and pressure prior to construction.
2	Provide and install a fiberglass "Hot Box" insulated enclosure with side opening door over the RPZ. Install enclosure on a concrete base as per manufacturers instructions.
3	Coordinate controller location with owners representative. Provide 120v 20amp power to the controller from a dedicated circuit. Install controller as per plan notes, details and manufacturers instructions.
4	Coordinate the exact location of the Rain Freeze sensor with the owners representative. Install as per plan detail and manufacturers instructions.
5	Install sprinkler with bubbler nozzle on the outside edge of the tree root ball with sprinkler top 1" above finished soil grade. Typical for all bubblers for trees.
6	Pipe location is diagrammatic. Install all pipe and control wire as per plan notes and details.
7	Install pipe within the property line.
8	All valve boxes to have bolt down lids. After installation secure valve box lid and bolt into place. Typical for all valve boxes.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
C1	Rain Bird PEB	1-1/2"	Shrub Spray	27.95	39.10	56.83	1.61 in/h
C2	Rain Bird PEB	1-1/2"	Shrub Spray	35.57	36.86	55.83	1.09 in/h
C3	Rain Bird PEB	1-1/2"	Shrub Spray	29.28	37.03	53.81	1.67 in/h
C4	Rain Bird PEB	1"	Shrub Spray	17.74	35.81	49.94	0.94 in/h
C5	Rain Bird PEB	1"	Shrub Spray	11.70	34.82	47.90	1.37 in/h
C6	Rain Bird PEB	1-1/2"	Bubbler	32.00	38.29	56.60	30.64 in/h
C7	Rain Bird PEB	1"	Shrub Rotary	19.14	46.05	61.42	0.43 in/h
C8	Rain Bird PEB	1"	Shrub Spray	20.98	34.76	49.53	1.04 in/h
C9	Rain Bird PEB	1-1/2"	Shrub Spray	35.10	38.25	56.70	1.46 in/h
C10	Rain Bird PEB	1"	Shrub Spray	18.37	34.34	48.18	0.99 in/h
C11	Rain Bird PEB	1-1/2"	Shrub Spray	32.50	39.21	55.30	1.52 in/h
C12	Rain Bird PEB	1-1/2"	Shrub Spray	36.04	37.24	54.23	1.06 in/h
C13	Rain Bird PEB	1"	Bubbler	16.00	43.85	56.79	30.64 in/h
C14	Rain Bird PEB	1-1/2"	Shrub Spray	27.95	38.44	52.58	1.61 in/h
C15	Rain Bird PEB	1-1/2"	Shrub Spray	27.30	39.30	53.67	1.64 in/h
C16	Rain Bird PEB	1"	Bubbler	8.00	34.41	46.91	30.64 in/h
C17	Rain Bird PEB	1"	Shrub Spray	15.48	35.23	48.54	0.90 in/h
C18	Rain Bird PEB	1-1/2"	Shrub Spray	27.30	38.78	53.65	1.37 in/h
C19	Rain Bird PEB	1-1/2"	Shrub Spray	33.55	37.28	53.52	1.05 in/h
C20	Rain Bird PEB	1-1/2"	Shrub Spray	32.50	38.52	56.40	1.46 in/h
C21	Rain Bird PEB	1"	Shrub Spray	22.36	36.33	51.63	1.09 in/h
C22	Rain Bird PEB	1"	Shrub Spray	11.13	32.58	45.79	0.96 in/h
C23	Rain Bird PEB	1"	Bubbler	28.00	41.05	58.90	30.64 in/h
C24	Rain Bird PEB	1"	Shrub Spray	20.11	35.18	50.46	0.92 in/h
C25	Rain Bird PEB	1-1/2"	Bubbler	28.00	38.21	55.15	30.64 in/h
C26	Rain Bird PEB	1"	Shrub Rotary	18.35	44.49	58.90	0.39 in/h

CRITICAL ANALYSIS

Generated:	2020-01-15 07:08
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	1-1/2"
Flow Available:	70.55 gpm
PRESSURE AVAILABLE	
Static Pressure at POC:	70.00 psi
Elevation Change:	5.00 ft
Service Line Size:	2"
Length of Service Line:	20.00 ft
Pressure Available:	66.00 psi
DESIGN ANALYSIS	
Maximum Station Flow:	36.04 gpm
Flow Available at POC:	70.55 gpm
Residual Flow Available:	34.51 gpm
Pressure Req. at Critical Station:	46.04 psi
Loss for Fittings:	0.22 psi
Loss for Main Line:	2.16 psi
Loss for POC to Valve Elevation:	0.00 psi
Loss for Backflow:	12.26 psi
Loss for Water Meter:	0.74 psi
Critical Station Pressure at POC:	61.42 psi
Pressure Available:	66.00 psi
Residual Pressure Available:	4.58 psi

GENERAL NOTES

1. ALL TRENCHING TO BE OUTSIDE OF TREE DRIP LINE
2. MAINLINE TO HAVE MINIMUM OF 18" OF COVER AND A MINIMUM OF 18" OFF OF THE HARDSCAPE
3. LATERALS TO HAVE MINIMUM OF 12" OF COVER AND A MINIMUM OF 12" OFF OF THE HARDSCAPE
4. NO ROCKS, BOULDERS OR SHARP OBJECTS TO BE IN TRENCH BACKFILL
5. ALL PIPE TO BE INSTALLED AS PER MANUFACTURES SPECIFICATIONS
6. SPRINKLERS AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS
7. TWO WIRE CONTROL WIRE TO BE 14 GA UL 2 CONDUCTOR, JACKETED AND APPROVED BY 2-WIRE CONTROLLER MANUFACTURER
9. WIRE SPLICES TO BE DONE AS PER DETAILS
10. ALL WIRE SPLICES OUTSIDE OF CONTROL VALVE BOX TO BE IN 10" VALVE BOX
11. TWO WIRE CONDUCTORS TO BE COLOR CODED
12. CONTRACTOR SHALL INSTALL MANUFACTURES GROUNDING EQUIPMENT ON BOTH THE POWER AND OUTPUT SIDES OF CONTROLLER, ALL GROUNDING POINTS TO BE INSTALLED AS PER PLANS AND DETAILS
13. AT EACH VALVE AND CHANGE IN MAINLINE DIRECTION CONTRACTOR TO INSTALL A 30" LOOP OF EXTRA WIRE
14. SPRINKLERS ARE TO BE ADJUSTED TO AVOID OVER-SPRAY INTO NON-IRRIGATED AREAS
15. ELECTRIC CONTROL VALVES ARE TO BE INSTALLED IN VALVE BOXES AS FOLLOWS
    14" RECTANGULAR MINIMUM FOR EACH ELECTRIC CONTROL VALVE
    JUMBO VALVE BOX FOR DRIP ZONE KITS
16. SPRINKLERS TO BE INSTALLED 12" FROM FOUNDATIONS AND 2" FROM HARDSCAPE
17. CONTRACTOR TO ADD RISER EXTENSIONS TO SPRINKLERS IF REQUIRED TO MAINTAIN PROPER COVERAGE
18. ALL PIPING TO BE FLUSHED PRIOR TO INSTALLATION OF SPRINKLERS
19. ALL VALVES, QUICK COUPLER VALVES, WIRE SPLICES TO BE IN LANDSCAPED BEDS WHEREVER POSSIBLE
20. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PROPER COVERAGE OF AREA TO BE IRRIGATED, MAKE ADJUSTMENTS AS NECESSARY
21. CONTRACTOR SHALL EXERCISE CARE NOT TO DAMAGE EXISTING UTILITIES REPAIRING ANY DAMAGES AT HIS OWN COST
22. PLAN IS DIAGRAMMATIC TO IMPROVE CLARITY ALL IRRIGATION EQUIPMENT TO BE INSTALLED WITHIN PROPERTY LINES AND LANDSCAPED AREAS
23. ANY DISCREPANCIES BETWEEN THE PLAN AND THE SITE TO BE REFERRED TO THE OWNERS REPRESENTATIVE PRIOR TO CONSTRUCTION
24. CONTRACTOR TO PROVIDE 1 YEAR WARRANTEE OF ALL PRODUCTS AND WORKMANSHIP TO INCLUDE WINTERIZATION AND SPRING START-UP
25. CONTRACTOR TO PROVIDE OWNER AND OR LANDSCAPE ARCHITECT RECORD DRAWING PRIOR TO SUBSTANTIAL COMPLETION.
26. INSTALLATION OF IRRIGATION SLEEVES IS THE IRRIGATION CONTRACTORS RESPONSIBILITY IRRIGATION CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR SLEEVE INSTALLATION PRIOR TO PAVEMENT INSTALLATION
27. CLEANUP AND DISPOSE OF ALL DEBRIS, WASTE AND EXCESS CONSTRUCTION MATERIALS LEAVE AREA NEAT, CLEAN AND READY FOR OWNERS USE PROVIDE CLEAN PAVEMENT SURFACES INCLUDING AREAS OF PUBLIC R.O.W.

811 Know what's below. Call before you dig.

0 60 120 180 240 feet
1" = 60'

NORTH

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MICHAEL CLARK
COMMERCIAL

04 JUNE 2020

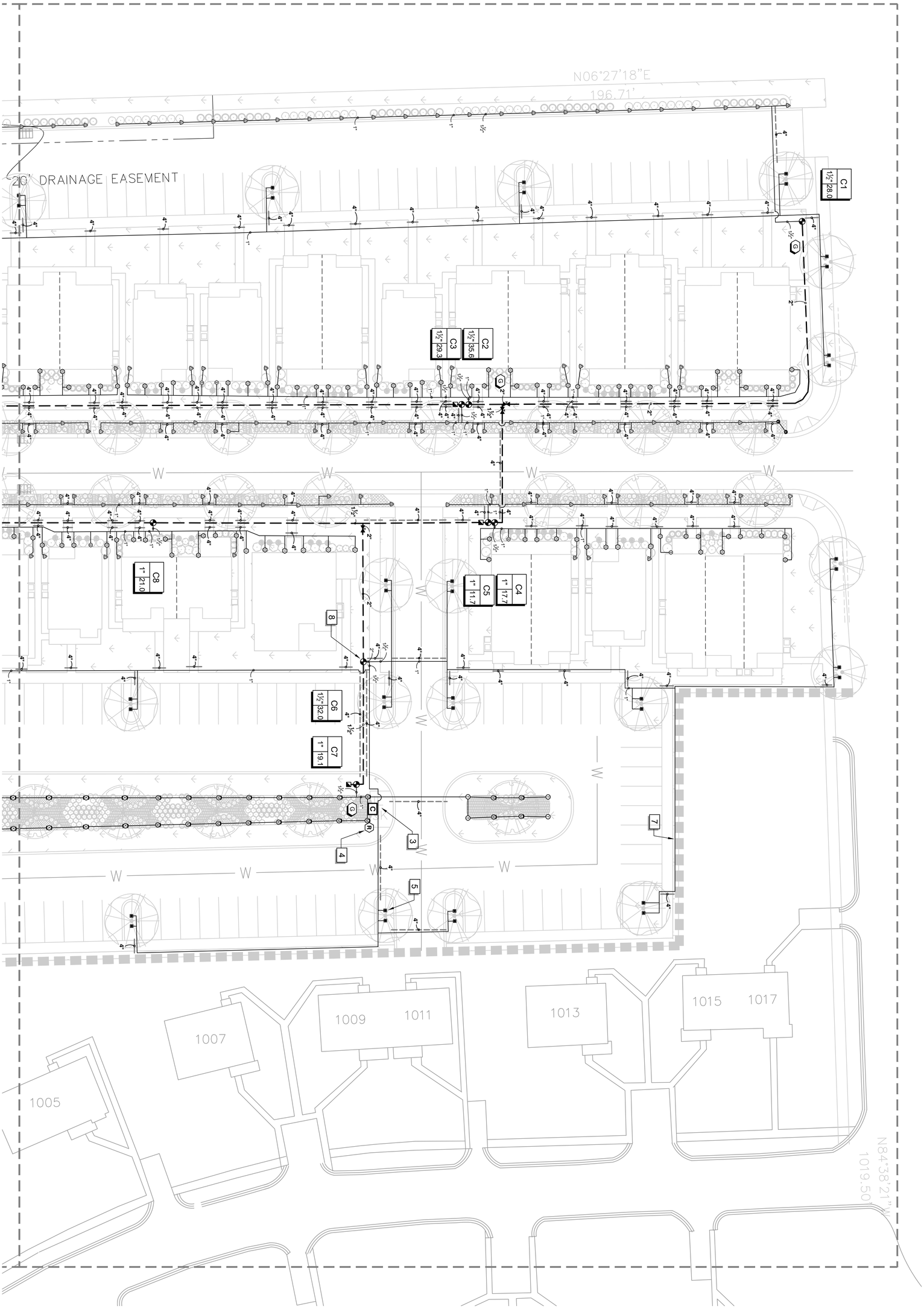
OAKLAND COURT
MURFREESBORO HOUSING AUTHORITY

REV. #	DATE:	DESCRIPTION:
	-	-
	-	-
	-	-
	-	-
	-	-

JOB NO. 19023	WK. ORDER 1453
DESIGNED:	M. CLARK
DRAWN:	M. CLARK
SCALE:	1" = 60'
DATE:	2020.01.15

IRRIGATION PLAN

IR1.0



Know what's below.
Call before you dig.

811

1" = 20'

0 20 40 60 80 feet

NORTH

IR1.1

IRRIGATION PLAN

JOB NO.	WK. ORDER
19023	1453
DESIGNED:	M. CLARK
DRAWN:	M. CLARK
SCALE:	1" = 20'
DATE:	2020.01.15

REV. #	DATE:	DESCRIPTION:
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OAKLAND COURT

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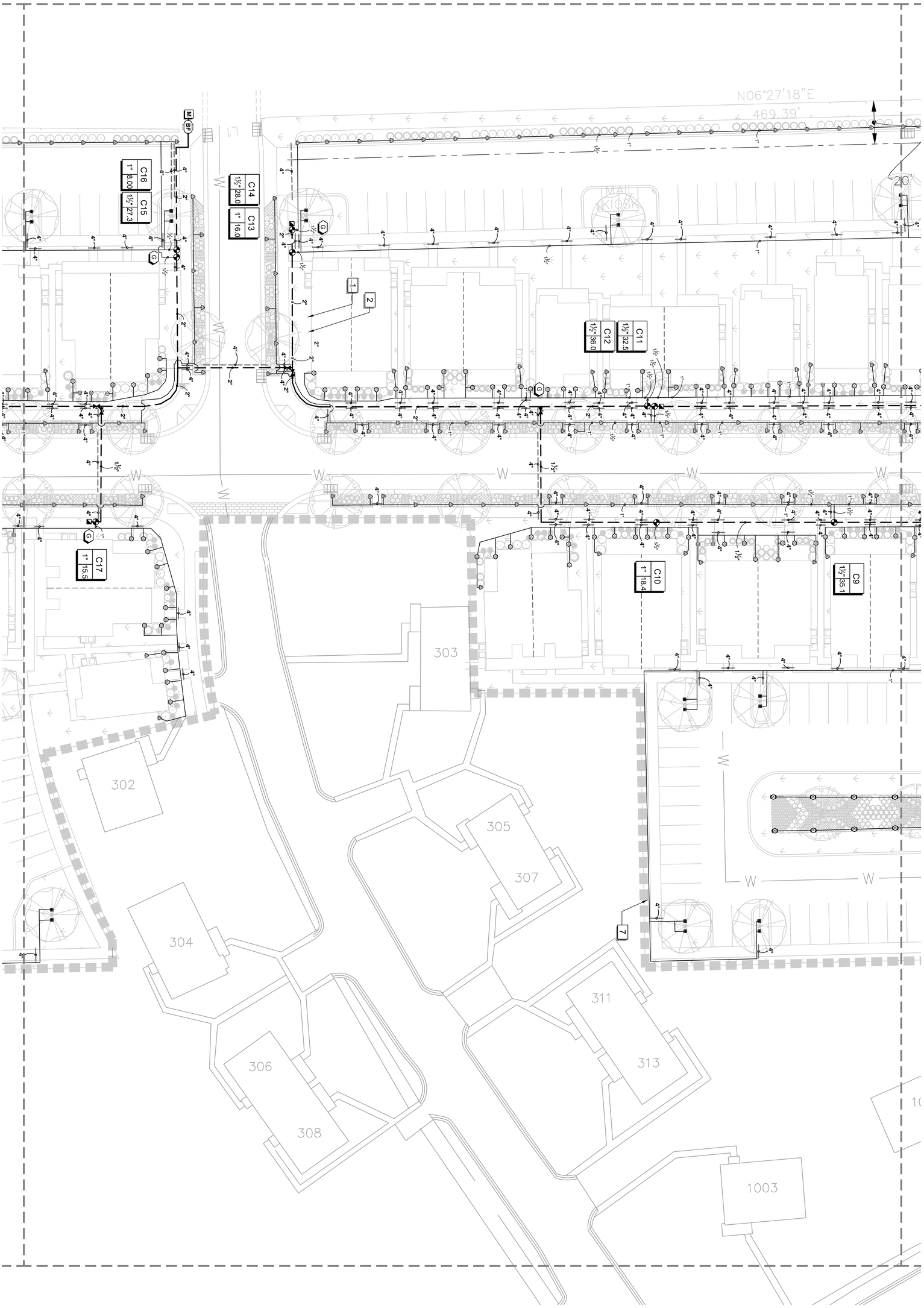

Knox County 811
Call before you dig.

1" = 20'

0 20 40 60 80 feet

NORTH

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			–	–
DESIGNED:	M. CLARK		–	–
DRAWN:	M. CLARK		–	–
SCALE:	1" = 20'		–	–
DATE:	2020.01.15	REV. #	DATE:	DESCRIPTION:

IR1.2

IRRIGATION PLAN

OAKLAND COURT

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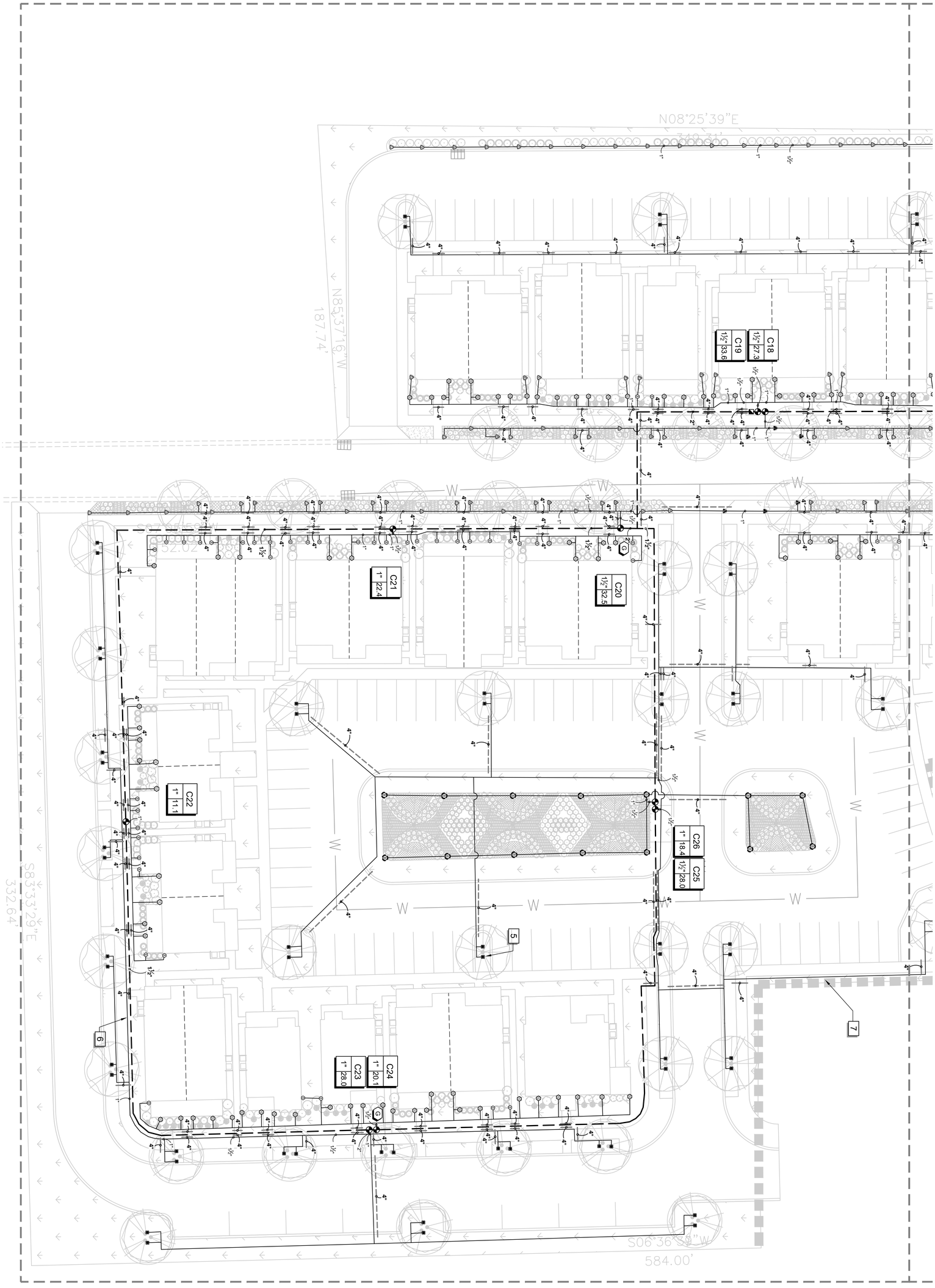

IR1.3

IRRIGATION PLAN

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DRAWN:	M. CLARK
SCALE:	1" = 20'
DATE:	2020.01.15

REV. #	DATE:	DESCRIPTION:
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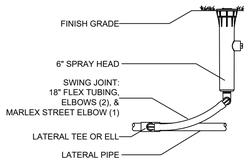

1 6" SPRAY BODY
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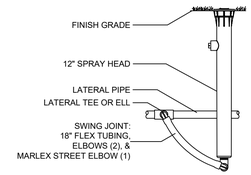

2 12" SPRAY BODY
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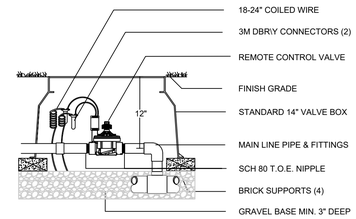
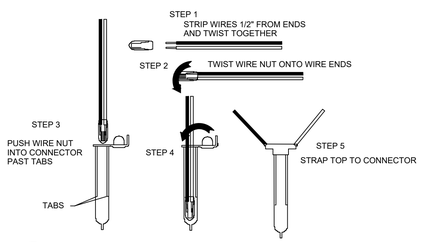
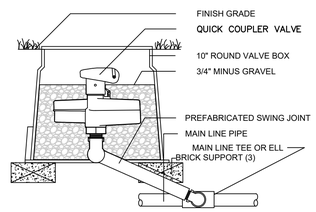


3 ELECTRIC CONTROL VALVE
NTS



4 WIRE CONNECTION 3M-DBR6-Y
NTS



5 QUICK COUPLER VALVE
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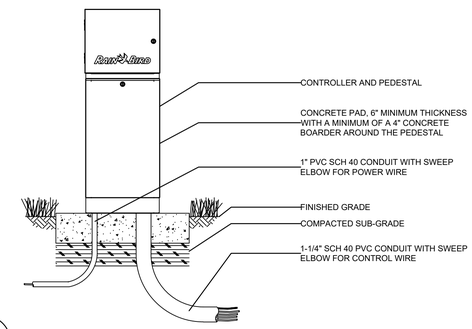


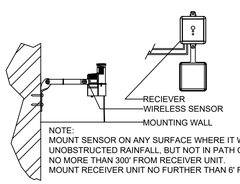
6 PEDESTAL MOUNT CONTROLLER
NTS

TWO WIRE CONTROL SYSTEM NOTES

1. ALL DECODER WIRE SPLICE CONNECTORS TO BE 3M DBY-6 OR BETTER.
2. ALL DECODER TO VALVE SOLENOID SPLICE CONNECTORS TO BE 3M DBY-6 OR BETTER
3. ALL GROUNDING POINTS TO HAVE LSP-01 LIGHTNING ARRESTOR INSTALLED INLINE AS PER MANUFACTURER'S REQUIREMENTS AND INSTALLED AS PER DETAIL.
5. ALL 2-WIRE CONTROL PRODUCTS TO BE INSTALLED AND OPERATED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND OR REQUIREMENTS.
6. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY RAIN BIRD 2-WIRE INSTALLATION TRAINING PRIOR TO PROJECT START, NOTIFY LANDSCAPE ARCHITECT WHEN TRAINING HAS BEEN COMPLETED.
7. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR TRAINING OWNERS STAFF, AS NEEDED, ON THE OPERATION AND MAINTENANCE OF THE CONTROL SYSTEM.
8. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR COMPLETE PROGRAMMING AND OPERATION OF THE CONTROL SYSTEM FOR 6 MONTHS FROM THE DAY OF FINAL ACCEPTANCE. CONTRACTOR TO PROVIDE THE OWNERS REPRESENTATIVE A COMPUTER SPREAD SHEET THAT SHOWS EACH PROGRAM, OPERATIONAL DAYS AND RUN TIMES PER ZONE.
.

CONTROLLER INSTALLATION NOTES

1. IRRIGATION CONTRACTOR TO COORDINATE EXACT LOCATION OF CONTROLLER WITH OWNER'S REPRESENTATIVE.
2. PROVIDE 120VAC 20 AMP POWER TO JUNCTION BOX IN THE CONTROLLER PEDESTAL.
3. IRRIGATION CONTRACTOR TO HARD WIRE CONTROLLER TO POWER SUPPLY AS PER PREVAILING CODE.
4. CONTROLLER TO BE SECURELY ATTACHED TO THE CONCRETE PEDESTAL BASE USING METALLIC FASTENERS MADE FOR CONCRETE.
5. ALL IRRIGATION CONTROL WIRE ABOVE GRADE TO BE ENCASED IN PVC ELECTRICAL CONDUIT.
6. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL POTENTIAL PENETRATIONS AND THE SEALING OF THOSE PENETRATIONS.
7. CONTROLLER TO BE GROUNDED AS PER MANUFACTURERS RECOMMENDATIONS.



7 WIRELESS RAIN SENSOR
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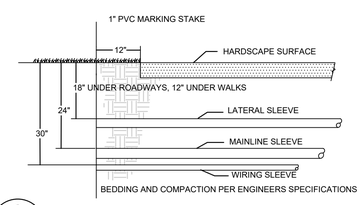
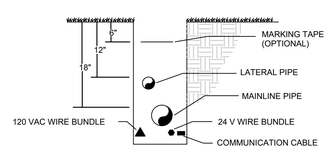
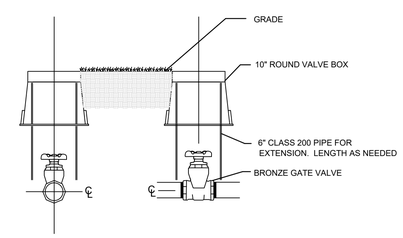


8 SLEEVING
NTS



9 TRENCH, PIPE AND WIRE
NTS



10 ISOLATION VALVE DETAIL
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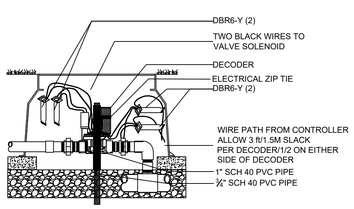
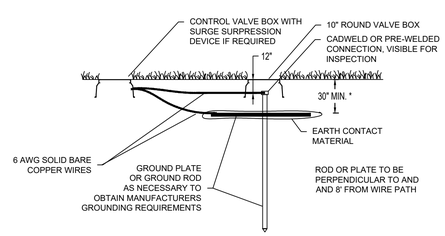
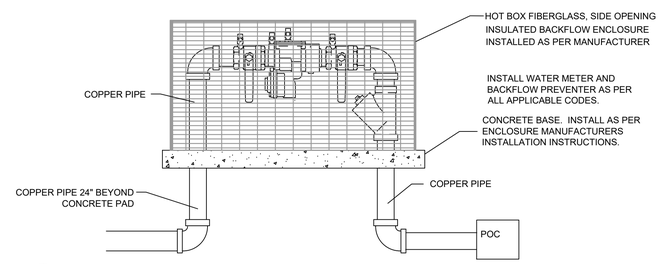


11 DECODER VALVE BOX INSTALLATION
NTS

SIDE VIEW



12 TWO WIRE GROUNDING POINT DETAIL
NTS



13 RPZ BACKFLOW PREVENTER WITH ENCLOSURE
NTS

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04 JUNE 2020

OAKLAND COURT
MURFREESBORO HOUSING AUTHORITY

REV #	DATE:	DESCRIPTION:
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

JOB NO.	19023
WK. ORDER	1453
DESIGNED:	M. CLARK
DRAWN:	M. CLARK
SCALE:	1" = 20'
DATE:	2020.01.15

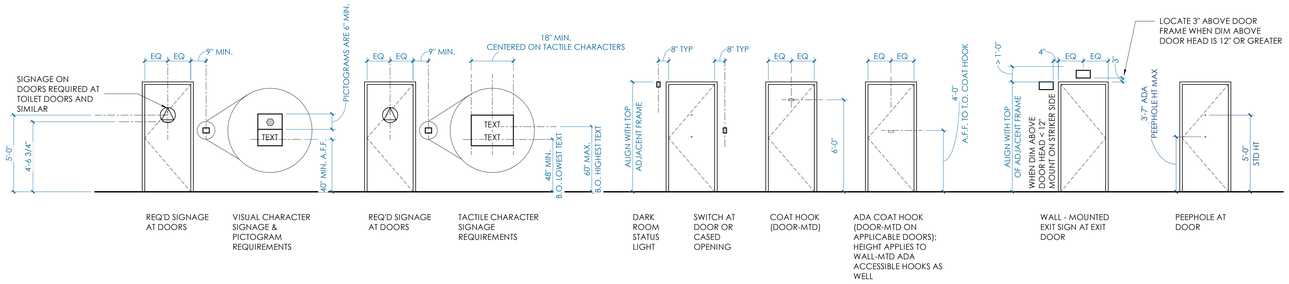
IRRIGATION PLAN

IR1.4

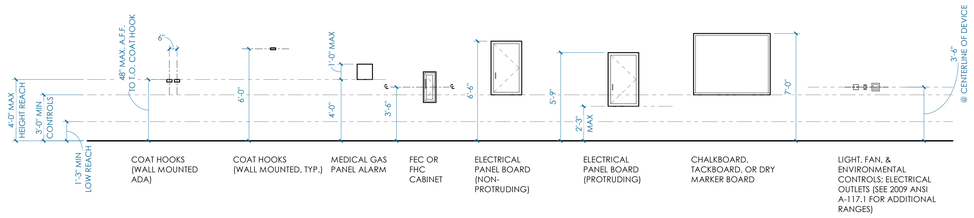
BINDING EDGE

BINDING EDGE

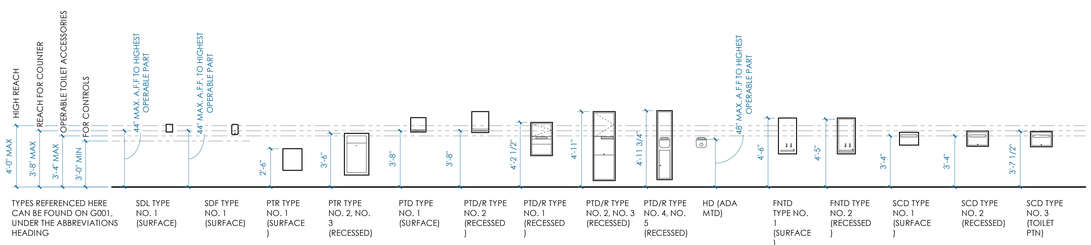
BINDING EDGE



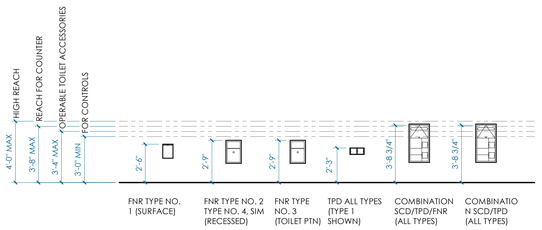
1 AG010 **MOUNTING HEIGHTS - EGRESS SIGNAGE & VIEW WINDOWS** 1/4" = 1'-0"

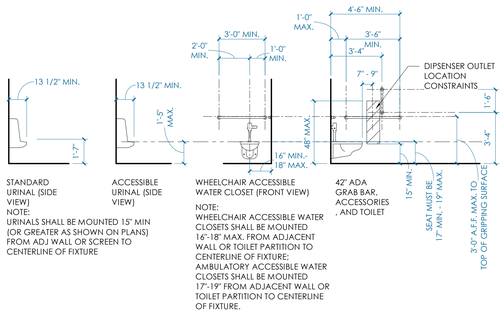


2 AG010 **MOUNTING HEIGHTS - WALL-MOUNTED ACCESSORIES** 1/4" = 1'-0"



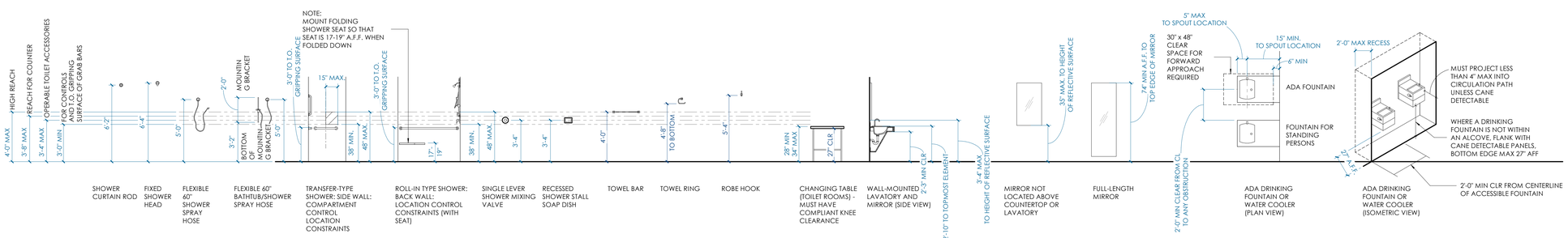
3 AG010 **MOUNTING HEIGHTS - TOILET ACCESSORIES** 1/4" = 1'-0"





NOTE:
WATER CLOSET CENTERLINES, TOILET SEAT HEIGHTS, GRAB BAR HEIGHTS, AND DISPENSER HEIGHTS DIFFER FOR CHILDREN AGES 3 & 4, AGES 5-8, AND AGES 9-12. PLEASE REFERENCE SECTION 604.9 OF THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN FOR SPECIFIC PARAMETERS.

4 AG010 **MOUNTING HEIGHTS - TOILET ACCESSORIES (CONTINUED)** 1/4" = 1'-0"



5 AG010 **MOUNTING HEIGHTS - SHOWER ACCESSORIES, LAVATORIES, & DRINKING FOUNTAINS** 1/4" = 1'-0"

TIME / DATE: 6/3/2020 9:07:04 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

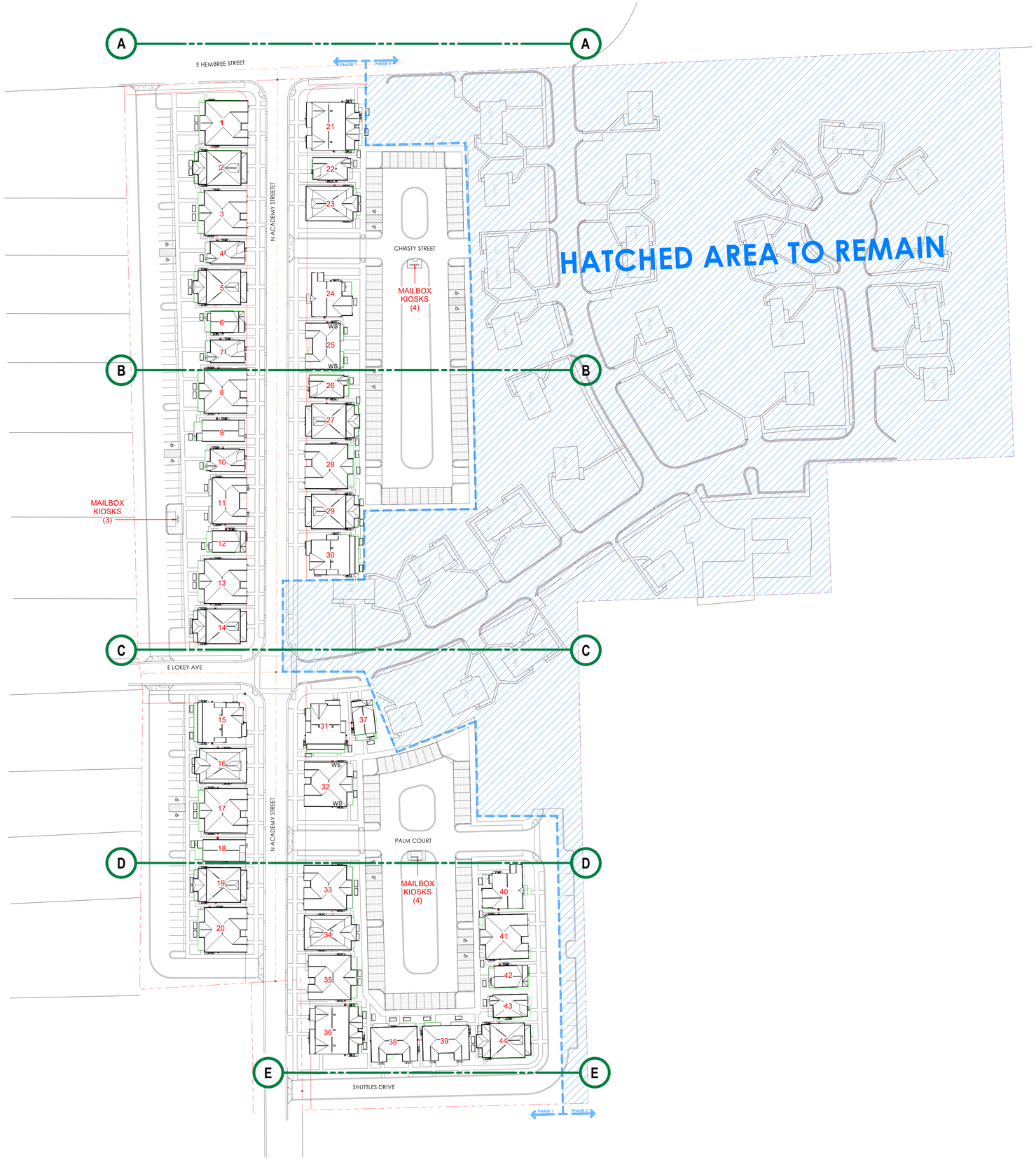
SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:

STANDARD MOUNTING HEIGHTS

DRAWING NO:

AG010



UNIT DESIGNATION IDENTIFICATION:

OF BEDROOMS IN UNIT — 0.0.X(x) — # OF UNITS IN BLDG

(u) = UFAS UNIT
-L = LEFT UNIT
* = SIGHT / HEARING UNIT
-M = MIDDLE UNIT
-R = RIGHT UNIT

STYLE OF BUILDING:
C - CRAFTSMAN
F - 4 SQUARE
V - VICTORIAN
T - TUDOR
CO - COLONIAL

BUILDING TYPES:

	UNIT DESIG.	STORIES	BLDG # PHASE 1	BLDG # PHASE 2	SHEET NUMBERS
SINGLE					
2 BED VICTORIAN	2.1.V	1	6	9	_20
2 BED TUDOR	2.1.T	1	4	9	_21
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	2	0	_45
5 BED TUDOR	5.1.T	2	2	2	_80
DUPLEX					
1 BED CRAFTSMAN	1.2.C	1	3	8	_10
1 BED CRAFTSMAN (UFAS)	1.2.C(u)	1	1	1	_15
1 BED 4 SQUARE	1.2.F	1	3	0	_11
2 BED CRAFTSMAN	2.2.C	1	10	4	_30
2 BED CRAFTSMAN (UFAS)	2.2.C(u)	1	1	1	_35
3 BED 4 SQUARE	3.2.Fa	2	2	4	_50
3 BED 4 SQUARE (BRICK)	3.2.Fb	2	5	2	_51
4 BED VICTORIAN	4.2.V	2	2	2	_70
4 BED COLONIAL	4.2.CO	2	1	2	_71
TRIPLEX					
3 BED VICTORIAN	3.3.V	2	2	2	#60
		TOTAL	44	46	

BUILDING SCHEDULE

ADDRESS #	ADDRESS ROAD NAME	HOUSE # (ON PLAN)	BUILDING DESIGNATION	UFAS RESIDENCE	S & H RESIDENCE	INTERIOR SCHEME	# FRONT PORCH RISERS	PORCH HANDRAIL (Y/N)	SIDE EAVE DETAIL LOCATION	SIDE EAVE DEPTH
1031	N ACADEMY ST	1	2.2.C			B	-	Y	2/A430	20"
1027	N ACADEMY ST	2	3.2.Fb			E	1	N	5/A451	21"
1023	N ACADEMY ST	3	2.2.C			B	-	Y	2/A430	20"
1019	N ACADEMY ST	4	2.1.V			D	1	Y	2/A420	12"
1015	N ACADEMY ST	5	3.2.Fa			F	-	N	6/A450	24"
1011	N ACADEMY ST	6	2.1.T			H	-	Y	2/A421	0"
1007	N ACADEMY ST	7	2.1.V			D	-	Y	2/A420	12"
1003	N ACADEMY ST	8	2.2.C			B	-	Y	2/A430	20"
923	N ACADEMY ST	9	5.1.T			C	-	N	3/A480	0"
919	N ACADEMY ST	10	2.1.V			D	-	Y	2/A420	12"
915	N ACADEMY ST	11	1.2.C*	X		A	-	Y	3/A410	20"
911	N ACADEMY ST	12	2.1.T			H	-	Y	2/A421	0"
907	N ACADEMY ST	13	2.2.C			B	-	Y	2/A430	20"
903	N ACADEMY ST	14	3.2.Fb			E	-	N	5/A451	21"
841	N ACADEMY ST	15	4.2.CO			D	-	N	2/A471	12"
837	N ACADEMY ST	16	1.2.F			G	-	Y	2/A411	21"
833	N ACADEMY ST	17	2.2.C			B	-	Y	2/A430	20"
829	N ACADEMY ST	18	5.1.T			C	-	N	3/A480	0"
825	N ACADEMY ST	19	3.2.Fa			F	-	N	6/A450	24"
821	N ACADEMY ST	20	2.2.C			B	-	Y	2/A430	20"
1028	N ACADEMY ST	21	3.3.V			C	-	N	10/A460	12"
1024	N ACADEMY ST	22	2.1.V			D	2	Y	2/A420	12"
1020	N ACADEMY ST	23	1.2.F			G	3	Y	2/A411	21"
1012	N ACADEMY ST	24	3.1.CO(u)			D	-	N	2/A445	12"
1008	N ACADEMY ST	25	1.2.C(u)	X		A	5	N	3/A410	20"
1004	N ACADEMY ST	26	2.1.V*	X		D	5	Y	2/A420	12"
924	N ACADEMY ST	27	3.2.Fb			E	5	N	5/A451	21"
920	N ACADEMY ST	28	2.2.C			B	5	Y	2/A430	20"
916	N ACADEMY ST	29	3.2.Fb			E	4	N	5/A451	21"
912	N ACADEMY ST	30	4.2.V			C	4	N	10/A470	16"
848	E LOKEY AVE	31	4.2.V			C	1	N	10/A470	16"
844	N ACADEMY ST	32	2.2.C(u)			B	2	N	2/A430	20"
836	N ACADEMY ST	33	2.2.C			B	3	Y	2/A430	20"
832	N ACADEMY ST	34	1.2.F			G	3	Y	2/A411	21"
828	N ACADEMY ST	35	2.2.C			B	3	Y	2/A430	20"
824	N ACADEMY ST	36	3.3.V			C	4	N	10/A460	12"
300	E LOKEY AVE	37	2.1.T			H	3	Y	2/A421	0"
805	SHUTTLES DRIVE	38	1.2.C			A	1	Y	3/A410	20"
809	SHUTTLES DRIVE	39	1.2.C			A	1	Y	3/A410	20"
829	SHUTTLES DRIVE	40	3.1.CO(u)	X		D	-	N	2/A445	12"
825	SHUTTLES DRIVE	41	2.2.C	X		B	-	Y	2/A430	20"
821	SHUTTLES DRIVE	42	2.1.T			H	-	Y	2/A421	0"
817	SHUTTLES DRIVE	43	2.1.V			D	-	Y	2/A420	12"
813	SHUTTLES DRIVE	44	3.2.Fb			E	-	N	5/A451	21"

SITE NOTES:

1. REFER TO CIVIL PLANS FOR EXACT # OF FRONT STEPS - ARCHITECTURAL SITE PLAN SHOWS STEPS DIAGRAMMATICALLY
2. BUILDINGS DIMENSIONED FROM CL OF ROW & PERIMETER PROPERTY LINES TO EDGE OF SLAB/FOUNDATION WALL, TYP.
3. ALL UNITS TO HAVE 'FLUSH' ENTRANCE AT REAR, UNITS LABELED (U)- UFAS TO HAVE FLUSH FRONT, SIDE (WHERE APPLICABLE) AND REAR ENTRANCES, TYP.
4. SEE CIVIL DWGS FOR DIMS FOR ALL DRIVES, SIDEWALKS, CURBS ETC.

SITE PLAN LEGEND:

RAISED BED PLANTER (1:UNIT) N.I.C.
APPROX ELECTRICAL PANEL LOCATION - COORD. w/ ENG DWGS & LOCAL PROVIDER
HVAC / TRASH PAD - SEE SHEET AS400 FOR DTLS

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

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EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

ARCHITECTURAL SITE PLAN

DRAWING NO:

AS100

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BINDING EDGE
BINDING EDGE

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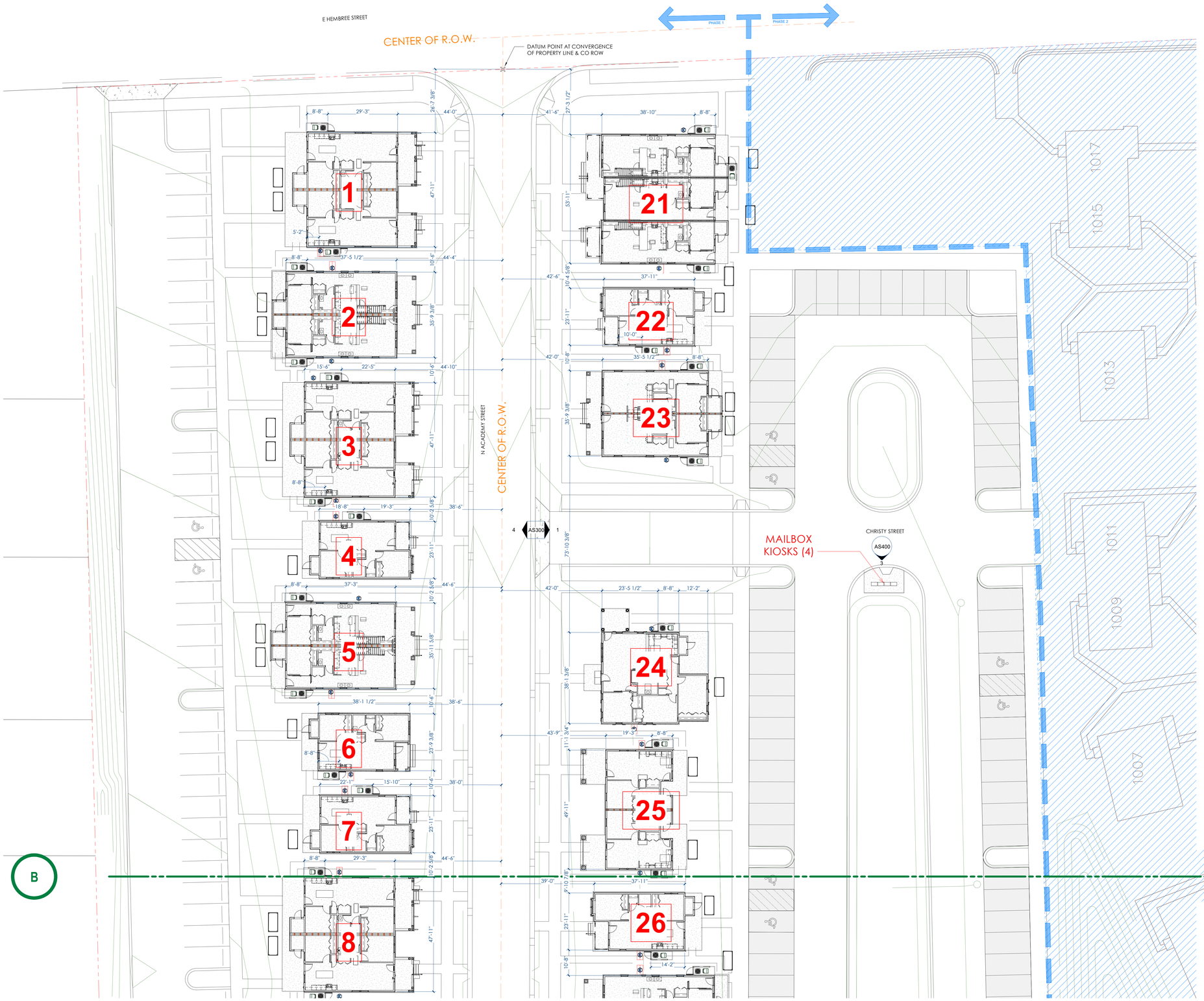

BINDING EDGE

BINDING EDGE

BINDING EDGE

UNIT DESIGNATION IDENTIFICATION:

OF BEDROOMS IN UNIT — 0.0.X(u)

OF UNITS IN BLDG

(u) = UFAS UNIT
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* = SIGHT / HEARING UNIT
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F - 4 SQUARE
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2 BED TUDOR	2.1.T	1	4	9	_21
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	2	0	_45
5 BED TUDOR	5.1.T	2	2	2	_80
DUPLEX					
1 BED CRAFTSMAN	1.2.C	1	3	8	_10
1 BED CRAFTSMAN (UFAS)	1.2.C(u)	1	1	1	_15
1 BED 4 SQUARE	1.2.F	1	3	0	_11
2 BED CRAFTSMAN	2.2.C	1	10	4	_30
2 BED CRAFTSMAN (UFAS)	2.2.C(u)	1	1	1	_35
3 BED 4 SQUARE	3.2.Fa	2	2	4	_50
3 BED 4 SQUARE (BRICK)	3.2.Fb	2	5	2	_51
4 BED VICTORIAN	4.2.V	2	2	2	_70
4 BED COLONIAL	4.2.CO	2	1	2	_71
TRIPLEX					
3 BED VICTORIAN	3.3.V	2	2	2	#60
		TOTAL	44	46	

BUILDING SCHEDULE

ADDRESS #	ROAD NAME	HOUSE # (ON PLAN)	BUILDING DESIGNATION	UFAS RESIDENCE	S & H RESIDENCE	INTERIOR SCHEME	# FRONT PORCH RISERS	PORCH HANDRAIL (Y/N)	SIDE EAVE DETAIL LOCATION	SIDE EAVE DEPTH
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1027	N ACADEMY ST	2	3.2.Fb			E	1	N	5/A451	21"
1023	N ACADEMY ST	3	2.2.C			B	-	Y	2/A430	20"
1019	N ACADEMY ST	4	2.1.V			D	1	Y	2/A420	12"
1015	N ACADEMY ST	5	3.2.Fa			F	-	N	6/A450	24"
1011	N ACADEMY ST	6	2.1.T			H	-	Y	2/A421	0"
1007	N ACADEMY ST	7	2.1.V			D	-	Y	2/A420	12"
1003	N ACADEMY ST	8	2.2.C			B	-	Y	2/A430	20"
923	N ACADEMY ST	9	5.1.T			C	-	N	3/A480	0"
919	N ACADEMY ST	10	2.1.V			D	-	Y	2/A420	12"
915	N ACADEMY ST	11	1.2.C*	X		A	-	Y	3/A410	20"
911	N ACADEMY ST	12	2.1.T			H	-	Y	2/A421	0"
907	N ACADEMY ST	13	2.2.C			B	-	Y	2/A430	20"
903	N ACADEMY ST	14	3.2.Fb			E	-	N	5/A451	21"
841	N ACADEMY ST	15	4.2.CO			D	-	N	2/A471	12"
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829	N ACADEMY ST	18	5.1.T			C	-	N	3/A480	0"
825	N ACADEMY ST	19	3.2.Fa			F	-	N	6/A450	24"
821	N ACADEMY ST	20	2.2.C			B	-	Y	2/A430	20"
1028	N ACADEMY ST	21	3.3.V			C	-	N	10/A460	12"
1024	N ACADEMY ST	22	2.1.V			D	2	Y	2/A420	12"
1020	N ACADEMY ST	23	1.2.F			G	3	Y	2/A411	21"
1012	N ACADEMY ST	24	3.1.CO(u)			D	-	N	2/A445	12"
1008	N ACADEMY ST	25	1.2.C(u)	X		A	5	N	3/A410	20"
1004	N ACADEMY ST	26	2.1.V*	X		D	5	Y	2/A420	12"
924	N ACADEMY ST	27	3.2.Fb			E	5	N	5/A451	21"
920	N ACADEMY ST	28	2.2.C			B	5	Y	2/A430	20"
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912	N ACADEMY ST	30	4.2.V			C	4	N	10/A470	16"
848	E LOKEY AVE	31	4.2.V			C	1	N	10/A470	16"
844	N ACADEMY ST	32	2.2.C(u)			B	2	N	2/A430	20"
836	N ACADEMY ST	33	2.2.C			B	3	Y	2/A430	20"
832	N ACADEMY ST	34	1.2.F			G	3	Y	2/A411	21"
828	N ACADEMY ST	35	2.2.C			B	3	Y	2/A430	20"
824	N ACADEMY ST	36	3.3.V			C	4	N	10/A460	12"
300	E LOKEY AVE	37	2.1.T			H	3	Y	2/A421	0"
805	SHUTTLES DRIVE	38	1.2.C			A	1	Y	3/A410	20"
809	SHUTTLES DRIVE	39	1.2.C			A	1	Y	3/A410	20"
829	SHUTTLES DRIVE	40	3.1.CO(u)	X		D	-	N	2/A445	12"
825	SHUTTLES DRIVE	41	2.2.C	X		B	-	Y	2/A430	20"
821	SHUTTLES DRIVE	42	2.1.T			H	-	Y	2/A421	0"
817	SHUTTLES DRIVE	43	2.1.V			D	-	Y	2/A420	12"
813	SHUTTLES DRIVE	44	3.2.Fb			E	-	N	5/A451	21"

SITE NOTES:

1. REFER TO CIVIL PLANS FOR EXACT # OF FRONT STEPS - ARCHITECTURAL SITE PLAN SHOWS STEPS DIAGRAMMATICALLY
2. BUILDINGS DIMENSIONED FROM CL OF ROW & PERIMETER PROPERTY LINES TO EDGE OF SLAB/FOUNDATION WALL, TYP.
3. ALL UNITS TO HAVE 'FLUSH' ENTRANCE AT REAR. UNITS LABELED (U)- UFAS TO HAVE FLUSH FRONT, SIDE (WHERE APPLICABLE) AND REAR ENTRANCES, TYP.
4. SEE CIVIL DWGS FOR DIMS FOR ALL DRIVES, SIDEWALKS, CURBS ETC.

SITE PLAN LEGEND:

- RAISED BED PLANTER (1:UNIT) N.I.C.
- APPROX ELECTRICAL PANEL LOCATION - COORD. w/ ENG DWGS & LOCAL PROVIDER
- HVAC / TRASH PAD - SEE SHEET AS400 FOR DTLS

1 AS110 PHASE 1 ENLARGED SITE PLAN A-B
1 : 200

TIME / DATE: 6/3/2020 9:08:18 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
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- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT No. 102021 STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

PHASE I - ENLARGED SITE PLAN A-B

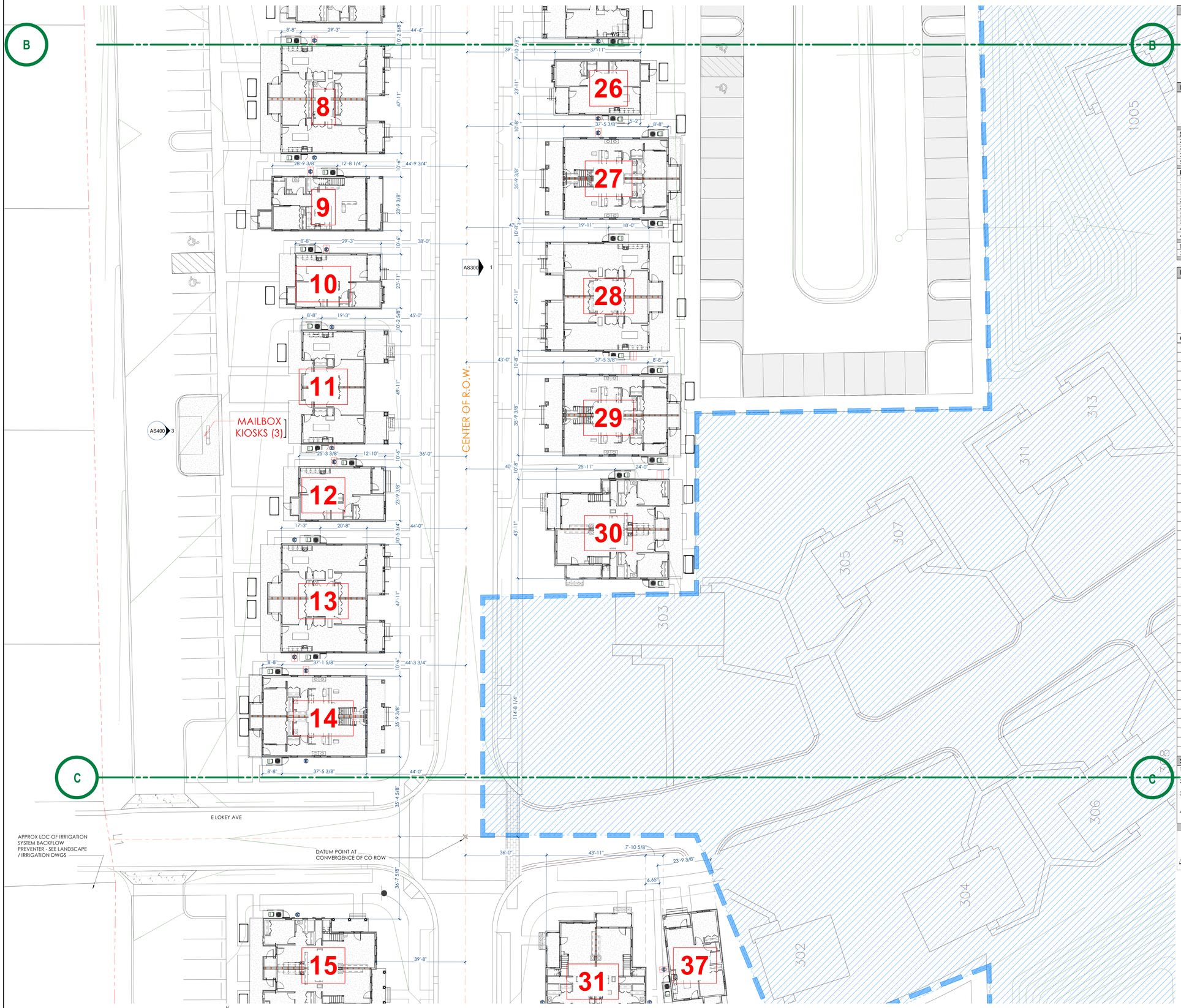
DRAWING NO:

AS110

BINDING EDGE

BINDING EDGE

BINDING EDGE



1 AS111 PHASE 1 ENLARGED SITE PLAN B-C
1 : 200

UNIT DESIGNATION IDENTIFICATION:

OF BEDROOMS IN UNIT — 0.0.X(x) — # OF UNITS IN BLDG

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V - VICTORIAN

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	UNIT DESIG.	STORIES	BLDG # PHASE 1	BLDG # PHASE 2	SHEET NUMBERS
SINGLE					
2 BED VICTORIAN	2.1.V	1	6	9	_20
2 BED TUDOR	2.1.T	1	4	9	_21
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	2	0	_45
5 BED TUDOR	5.1.T	2	2	2	_80
DUPLEX					
1 BED CRAFTSMAN	1.2.C	1	3	8	_10
1 BED CRAFTSMAN (UFAS)	1.2.C(u)	1	1	1	_15
1 BED 4 SQUARE	1.2.F	1	3	0	_11
2 BED CRAFTSMAN	2.2.C	1	10	4	_30
2 BED CRAFTSMAN (UFAS)	2.2.C(u)	1	1	1	_35
3 BED 4 SQUARE	3.2.Fa	2	2	4	_50
3 BED 4 SQUARE (BRICK)	3.2.Fb	2	5	2	_51
4 BED VICTORIAN	4.2.V	2	2	2	_70
4 BED COLONIAL	4.2.CO	2	1	2	_71
TRIPLEX					
3 BED VICTORIAN	3.3.V	2	2	2	#60
		TOTAL	44	46	

BUILDING SCHEDULE

ADDRESS #	ADDRESS ROAD NAME	HOUSE # (ON PLAN)	BUILDING DESIGNATION	UFAS RESIDENCE	S & H RESIDENCE	INTERIOR SCHEME	# FRONT PORCH RISERS	PORCH HANDRAIL (Y/N)	SIDE EAVE DETAIL LOCATION	SIDE EAVE DEPTH
1031	N ACADEMY ST	1	2.2.C			B	-	Y	2/A430	20"
1027	N ACADEMY ST	2	3.2.Fb			E	1	N	5/A451	21"
1023	N ACADEMY ST	3	2.2.C			B	-	Y	2/A430	20"
1019	N ACADEMY ST	4	2.1.V			D	1	Y	2/A420	12"
1015	N ACADEMY ST	5	3.2.Fa			F	-	N	6/A450	24"
1011	N ACADEMY ST	6	2.1.T			H	-	Y	2/A421	0"
1007	N ACADEMY ST	7	2.1.V			D	-	Y	2/A420	12"
1003	N ACADEMY ST	8	2.2.C			B	-	Y	2/A430	20"
923	N ACADEMY ST	9	5.1.T			C	-	N	3/A480	0"
919	N ACADEMY ST	10	2.1.V			D	-	Y	2/A420	12"
915	N ACADEMY ST	11	1.2.C*	X		A	-	Y	3/A410	20"
911	N ACADEMY ST	12	2.1.T			H	-	Y	2/A421	0"
907	N ACADEMY ST	13	2.2.C			B	-	Y	2/A430	20"
903	N ACADEMY ST	14	3.2.Fb			E	-	N	5/A451	21"
841	N ACADEMY ST	15	4.2.CO			D	-	N	2/A471	12"
837	N ACADEMY ST	16	1.2.F			G	-	Y	2/A411	21"
833	N ACADEMY ST	17	2.2.C			B	-	Y	2/A430	20"
829	N ACADEMY ST	18	5.1.T			C	-	N	3/A480	0"
825	N ACADEMY ST	19	3.2.Fa			F	-	N	6/A450	24"
821	N ACADEMY ST	20	2.2.C			B	-	Y	2/A430	20"
1028	N ACADEMY ST	21	3.3.V			C	-	N	10/A460	12"
1024	N ACADEMY ST	22	2.1.V			D	2	Y	2/A420	12"
1020	N ACADEMY ST	23	1.2.F			G	3	Y	2/A411	21"
1012	N ACADEMY ST	24	3.1.CO(u)			D	-	N	2/A445	12"
1008	N ACADEMY ST	25	1.2.C(u)		X	A	5	N	3/A410	20"
1004	N ACADEMY ST	26	2.1.V*		X	D	5	Y	2/A420	12"
924	N ACADEMY ST	27	3.2.Fb			E	5	N	5/A451	21"
920	N ACADEMY ST	28	2.2.C			B	5	Y	2/A430	20"
916	N ACADEMY ST	29	3.2.Fb			E	4	N	5/A451	21"
912	N ACADEMY ST	30	4.2.V			C	4	N	10/A470	16"
848	E LOKEY AVE	31	4.2.V			C	1	N	10/A470	16"
844	N ACADEMY ST	32	2.2.C(u)			B	2	N	2/A430	20"
836	N ACADEMY ST	33	2.2.C			B	3	Y	2/A430	20"
832	N ACADEMY ST	34	1.2.F			G	3	Y	2/A411	21"
828	N ACADEMY ST	35	2.2.C			B	3	Y	2/A430	20"
824	N ACADEMY ST	36	3.3.V			C	4	N	10/A460	12"
300	E LOKEY AVE	37	2.1.T			H	3	Y	2/A421	0"
805	SHUTTLES DRIVE	38	1.2.C			A	1	Y	3/A410	20"
809	SHUTTLES DRIVE	39	1.2.C			A	1	Y	3/A410	20"
829	SHUTTLES DRIVE	40	3.1.CO(u)	X		D	-	N	2/A445	12"
825	SHUTTLES DRIVE	41	2.2.C	X		B	-	Y	2/A430	20"
821	SHUTTLES DRIVE	42	2.1.T			H	-	Y	2/A421	0"
817	SHUTTLES DRIVE	43	2.1.V			D	-	Y	2/A420	12"
813	SHUTTLES DRIVE	44	3.2.Fb			E	-	N	5/A451	21"

SITE NOTES:

1. REFER TO CIVIL PLANS FOR EXACT # OF FRONT STEPS - ARCHITECTURAL SITE PLAN SHOWS STEPS DIAGRAMMATICALLY
2. BUILDINGS DIMENSIONED FROM CL OF ROW & PERIMETER PROPERTY LINES TO EDGE OF SLAB/FOUNDATION WALL, TYP.
3. ALL UNITS TO HAVE 'FLUSH' ENTRANCE AT REAR, UNITS LABELED (U)- UFAS TO HAVE FLUSH FRONT, SIDE (WHERE APPLICABLE) AND REAR ENTRANCES, TYP.
4. SEE CIVIL DWGS FOR DIMS FOR ALL DRIVES, SIDEWALKS, CURBS ETC.

SITE PLAN LEGEND:

- RAISED BED PLANTER (1:UNIT) N.I.C.
- APPROX ELECTRICAL PANEL LOCATION - COORD. W/ ENG DWGS & LOCAL PROVIDER
- HVAC / TRASH PAD - SEE SHEET AS400 FOR DTLS

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET BUTLER REGISTERED ARCHITECT AGRICULTURE No. 00021 STATE OF TENNESSEE
04 JUNE 2020

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Do NOT scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As Indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / .
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

PHASE I - ENLARGED SITE PLAN B-C

DRAWING NO:

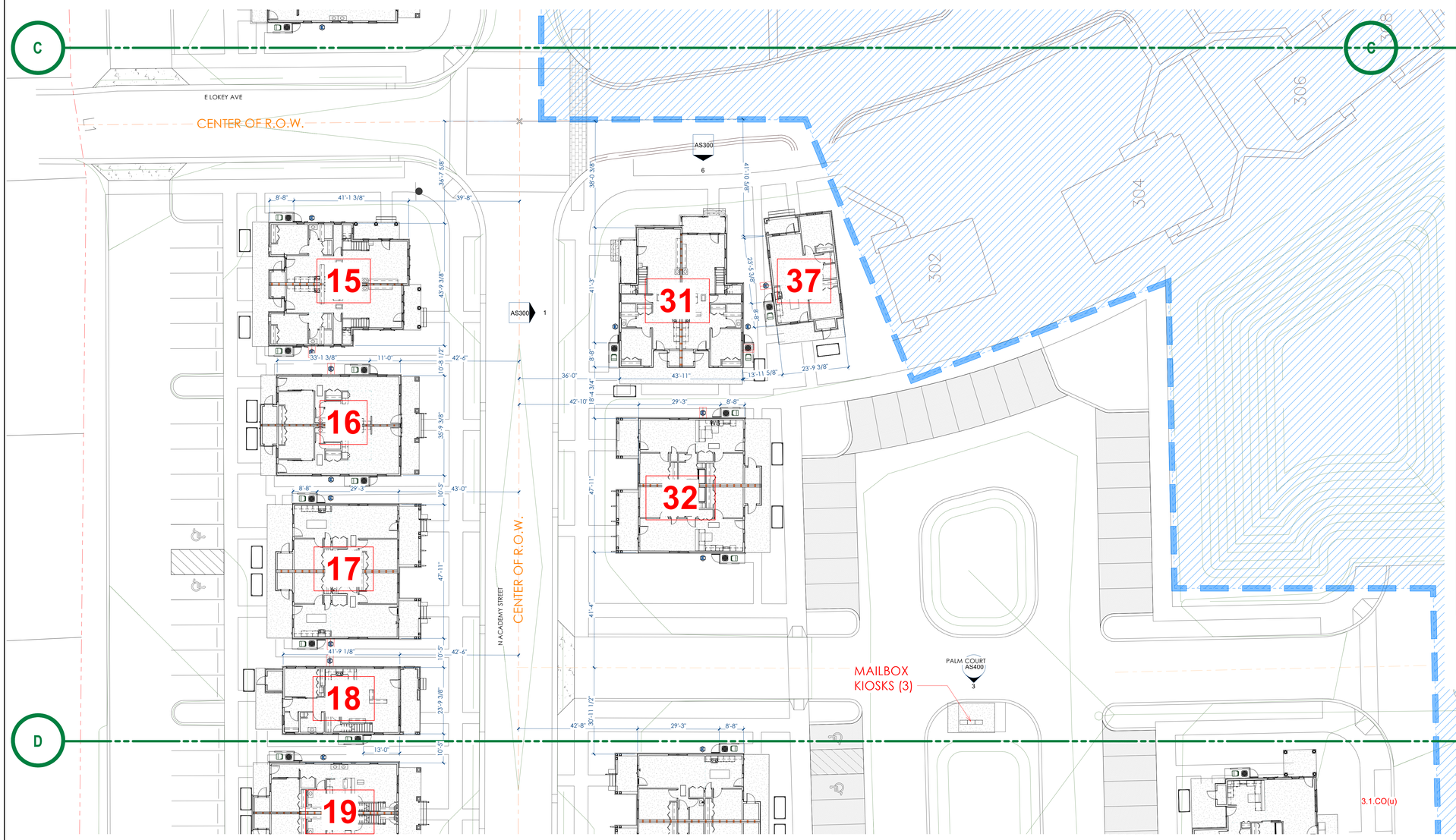
AS111

TIME / DATE: 6/3/2020 9:28:48 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE



UNIT DESIGNATION IDENTIFICATION:

OF BEDROOMS IN UNIT — 0.0.X(x) — # OF UNITS IN BLDG

(u) = UFAS UNIT
-L = LEFT UNIT
* = SIGHT / HEARING UNIT
-M = MIDDLE UNIT
-R = RIGHT UNIT

STYLE OF BUILDING:

C - CRAFTSMAN
F - 4 SQUARE
V - VICTORIAN
T - TUDOR
CO - COLONIAL

BUILDING TYPES:

	UNIT DESIG.	STORIES	BLDG # PHASE 1	BLDG # PHASE 2	SHEET NUMBERS
SINGLE					
2 BED VICTORIAN	2.1.V	1	6	9	_20
2 BED TUDOR	2.1.T	1	4	9	_21
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	2	0	_45
5 BED TUDOR	5.1.T	2	2	2	_80
DUPLEX					
1 BED CRAFTSMAN	1.2.C	1	3	8	_10
1 BED CRAFTSMAN (UFAS)	1.2.C(u)	1	1	1	_15
1 BED 4 SQUARE	1.2.F	1	3	0	_11
2 BED CRAFTSMAN	2.2.C	1	10	4	_30
2 BED CRAFTSMAN (UFAS)	2.2.C(u)	1	1	1	_35
3 BED 4 SQUARE	3.2.Fa	2	2	4	_50
3 BED 4 SQUARE (BRICK)	3.2.Fb	2	5	2	_51
4 BED VICTORIAN	4.2.V	2	2	2	_70
4 BED COLONIAL	4.2.CO	2	1	2	_71
TRIPLEX					
3 BED VICTORIAN	3.3.V	2	2	2	#60
		TOTAL	44	46	

BUILDING SCHEDULE

ADDRESS #	ADDRESS ROAD NAME	HOUSE # (ON PLAN)	BUILDING DESIGNATION	UFAS RESIDENCE	S & H RESIDENCE	INTERIOR SCHEME	# FRONT PORCH RISERS	PORCH HANDRAIL (Y/N)	SIDE EAVE DETAIL LOCATION	SIDE EAVE DEPTH
1031	N ACADEMY ST	1	2.2.C			B	-	Y	2/A430	20"
1027	N ACADEMY ST	2	3.2.Fb			E	1	N	5/A451	21"
1023	N ACADEMY ST	3	2.2.C			B	-	Y	2/A430	20"
1019	N ACADEMY ST	4	2.1.V			D	1	Y	2/A420	12"
1015	N ACADEMY ST	5	3.2.Fa			F	-	N	6/A450	24"
1011	N ACADEMY ST	6	2.1.T			H	-	Y	2/A421	0"
1007	N ACADEMY ST	7	2.1.V			D	-	Y	2/A420	12"
1003	N ACADEMY ST	8	2.2.C			B	-	Y	2/A430	20"
923	N ACADEMY ST	9	5.1.T			C	-	N	3/A480	0"
919	N ACADEMY ST	10	2.1.V			D	-	Y	2/A420	12"
915	N ACADEMY ST	11	1.2.C*	X		A	-	Y	3/A410	20"
911	N ACADEMY ST	12	2.1.T			H	-	Y	2/A421	0"
907	N ACADEMY ST	13	2.2.C			B	-	Y	2/A430	20"
903	N ACADEMY ST	14	3.2.Fb			E	-	N	5/A451	21"
841	N ACADEMY ST	15	4.2.CO			D	-	N	2/A471	12"
837	N ACADEMY ST	16	1.2.F			G	-	Y	2/A411	21"
833	N ACADEMY ST	17	2.2.C			B	-	Y	2/A430	20"
829	N ACADEMY ST	18	5.1.T			C	-	N	3/A480	0"
825	N ACADEMY ST	19	3.2.Fa			F	-	N	6/A450	24"
821	N ACADEMY ST	20	2.2.C			B	-	Y	2/A430	20"
1028	N ACADEMY ST	21	3.3.V			C	-	N	10/A460	12"
1024	N ACADEMY ST	22	2.1.V			D	2	Y	2/A420	12"
1020	N ACADEMY ST	23	1.2.F			G	3	Y	2/A411	21"
1012	N ACADEMY ST	24	3.1.CO(u)			D	-	N	2/A445	12"
1008	N ACADEMY ST	25	1.2.C(u)	X		A	5	N	3/A410	20"
1004	N ACADEMY ST	26	2.1.V*	X		D	5	Y	2/A420	12"
924	N ACADEMY ST	27	3.2.Fb			E	5	N	5/A451	21"
920	N ACADEMY ST	28	2.2.C			B	5	Y	2/A430	20"
916	N ACADEMY ST	29	3.2.Fb			E	4	N	5/A451	21"
912	N ACADEMY ST	30	4.2.V			C	4	N	10/A470	16"
848	E LOKEY AVE	31	4.2.V			C	1	N	10/A470	16"
844	N ACADEMY ST	32	2.2.C(u)			B	2	N	2/A430	20"
836	N ACADEMY ST	33	2.2.C			B	3	Y	2/A430	20"
832	N ACADEMY ST	34	1.2.F			G	3	Y	2/A411	21"
828	N ACADEMY ST	35	2.2.C			B	3	Y	2/A430	20"
824	N ACADEMY ST	36	3.3.V			C	4	N	10/A460	12"
300	E LOKEY AVE	37	2.1.T			H	3	Y	2/A421	0"
805	SHUTTLES DRIVE	38	1.2.C			A	1	Y	3/A410	20"
809	SHUTTLES DRIVE	39	1.2.C			A	1	Y	3/A410	20"
829	SHUTTLES DRIVE	40	3.1.CO(u)	X		D	-	N	2/A445	12"
825	SHUTTLES DRIVE	41	2.2.C	X		B	-	Y	2/A430	20"
821	SHUTTLES DRIVE	42	2.1.T			H	-	Y	2/A421	0"
817	SHUTTLES DRIVE	43	2.1.V			D	-	Y	2/A420	12"
813	SHUTTLES DRIVE	44	3.2.Fb			E	-	N	5/A451	21"

SITE NOTES:

1. REFER TO CIVIL PLANS FOR EXACT # OF FRONT STEPS - ARCHITECTURAL SITE PLAN SHOWS STEPS DIAGRAMMATICALLY
2. BUILDINGS DIMENSIONED FROM CL OF ROW & PERIMETER PROPERTY LINES TO EDGE OF SLAB/FOUNDATION WALL, TYP.
3. ALL UNITS TO HAVE 'FLUSH' ENTRANCE AT REAR, UNITS LABELED [U]- UFAS TO HAVE FLUSH FRONT, SIDE [WHERE APPLICABLE] AND REAR ENTRANCES, TYP.
4. SEE CIVIL DWGS FOR DIMS FOR ALL DRIVES, SIDEWALKS, CURBS ETC.

SITE PLAN LEGEND:

- RAISED BED PLANTER (1:UNIT) N.I.C.
- APPROX ELECTRICAL PANEL LOCATION - COORD. w/ ENG DWGS & LOCAL PROVIDER
- HVAC / TRASH PAD - SEE SHEET AS400 FOR DTLS

1 / AS112 **PHASE 1 ENLARGED SITE PLAN C-D**
1 : 200

TIME / DATE: 6/3/2020 9:09:17 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET BUTLER REGISTERED ARCHITECT AGRICULTURE BUILDING ARCHITECT No. 00021 STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

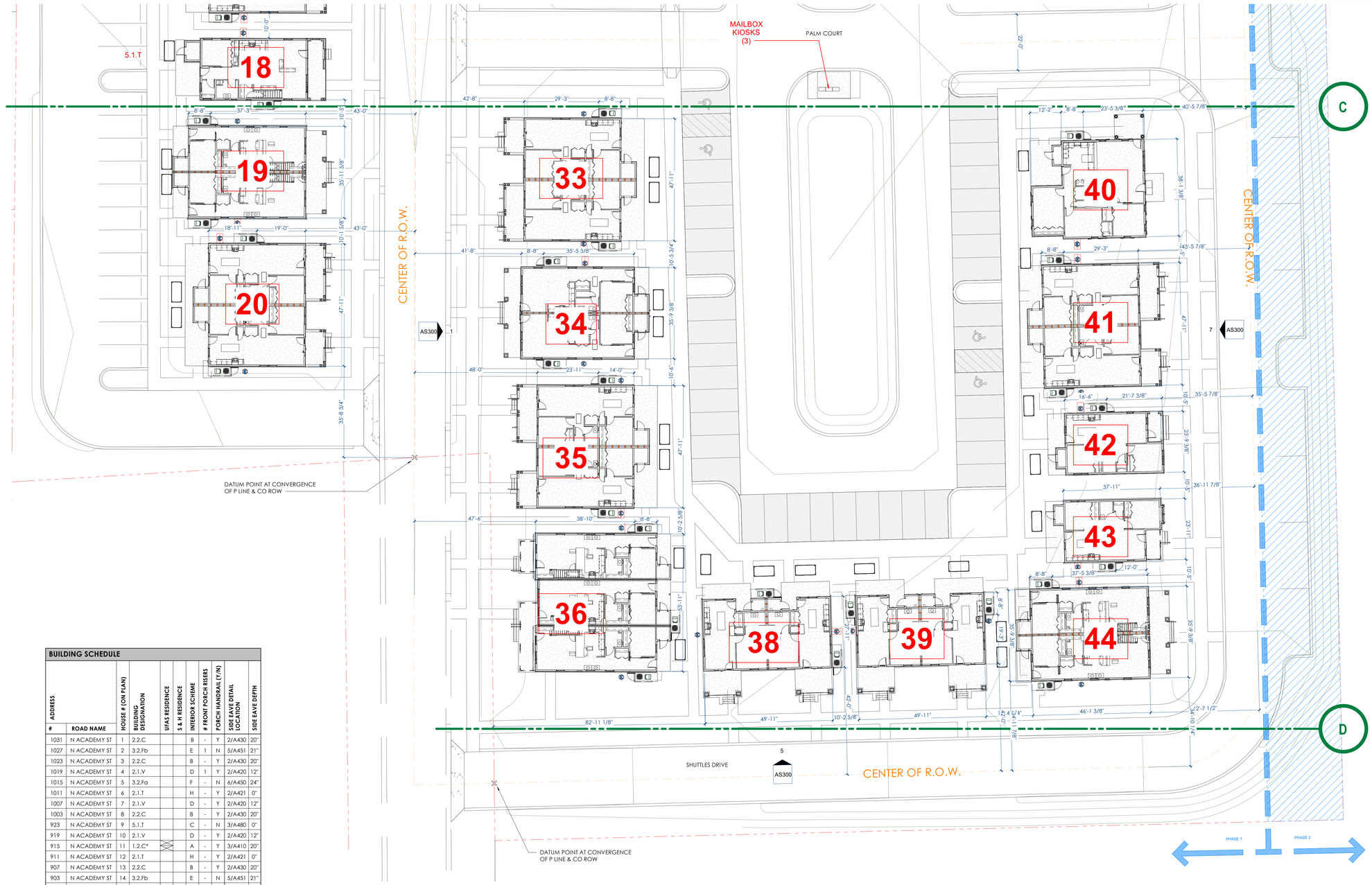
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:

PHASE I - ENLARGED SITE PLAN C-D

DRAWING NO:

AS112



1 AS113 PHASE 1 ENLARGED SITE PLAN D-E
1 : 200

BUILDING SCHEDULE

ADDRESS #	ADDRESS ROAD NAME	HOUSE # (ON PLAN)	BUILDING DESIGNATION	UFAS RESIDENCE	S & H RESIDENCE	INTERIOR SCHEME	# FRONT PORCH RISERS	PORCH HANDRAIL (Y/N)	SIDE EAVE DETAIL LOCATION	SIDE EAVE DEPTH
1031	N ACADEMY ST	1	2.2.C			B	-	Y	2/A430	20"
1027	N ACADEMY ST	2	3.2.Fb			E	1	N	5/A451	21"
1023	N ACADEMY ST	3	2.2.C			B	-	Y	2/A430	20"
1019	N ACADEMY ST	4	2.1.V			D	1	Y	2/A420	12"
1015	N ACADEMY ST	5	3.2.Fa			F	-	N	6/A450	24"
1011	N ACADEMY ST	6	2.1.T			H	-	Y	2/A421	0"
1007	N ACADEMY ST	7	2.1.V			D	-	Y	2/A420	12"
1003	N ACADEMY ST	8	2.2.C			B	-	Y	2/A430	20"
923	N ACADEMY ST	9	5.1.T			C	-	N	3/A480	0"
919	N ACADEMY ST	10	2.1.V			D	-	Y	2/A420	12"
915	N ACADEMY ST	11	1.2.C*	X		A	-	Y	3/A410	20"
911	N ACADEMY ST	12	2.1.T			H	-	Y	2/A421	0"
907	N ACADEMY ST	13	2.2.C			B	-	Y	2/A430	20"
903	N ACADEMY ST	14	3.2.Fb			E	-	N	5/A451	21"
841	N ACADEMY ST	15	4.2.CO			D	-	N	2/A471	12"
837	N ACADEMY ST	16	1.2.F			G	-	Y	2/A411	21"
833	N ACADEMY ST	17	2.2.C			B	-	Y	2/A430	20"
829	N ACADEMY ST	18	5.1.T			C	-	N	3/A480	0"
825	N ACADEMY ST	19	3.2.Fa			F	-	N	6/A450	24"
821	N ACADEMY ST	20	2.2.C			B	-	Y	2/A430	20"
1028	N ACADEMY ST	21	3.3.V			C	-	N	10/A460	12"
1024	N ACADEMY ST	22	2.1.V			D	2	Y	2/A420	12"
1020	N ACADEMY ST	23	1.2.F			G	3	Y	2/A411	21"
1012	N ACADEMY ST	24	3.1.CO(u)			D	-	N	2/A445	12"
1008	N ACADEMY ST	25	1.2.C(u)		X	A	5	N	3/A410	20"
1004	N ACADEMY ST	26	2.1.V*		X	D	5	Y	2/A420	12"
924	N ACADEMY ST	27	3.2.Fb			E	5	N	5/A451	21"
920	N ACADEMY ST	28	2.2.C			B	5	Y	2/A430	20"
916	N ACADEMY ST	29	3.2.Fb			E	4	N	5/A451	21"
912	N ACADEMY ST	30	4.2.V			C	4	N	10/A470	16"
848	E LOKEY AVE	31	4.2.V			C	1	N	10/A470	16"
844	N ACADEMY ST	32	2.2.C(u)			B	2	N	2/A430	20"
836	N ACADEMY ST	33	2.2.C			B	3	Y	2/A430	20"
832	N ACADEMY ST	34	1.2.F			G	3	Y	2/A411	21"
828	N ACADEMY ST	35	2.2.C			B	3	Y	2/A430	20"
824	N ACADEMY ST	36	3.3.V			C	4	N	10/A460	12"
300	E LOKEY AVE	37	2.1.T			H	3	Y	2/A421	0"
805	SHUTTLES DRIVE	38	1.2.C			A	1	Y	3/A410	20"
809	SHUTTLES DRIVE	39	1.2.C			A	1	Y	3/A410	20"
829	SHUTTLES DRIVE	40	3.1.CO(u)	X		D	-	N	2/A445	12"
825	SHUTTLES DRIVE	41	2.2.C	X		B	-	Y	2/A430	20"
821	SHUTTLES DRIVE	42	2.1.T			H	-	Y	2/A421	0"
817	SHUTTLES DRIVE	43	2.1.V			D	-	Y	2/A420	12"
813	SHUTTLES DRIVE	44	3.2.Fb			E	-	N	5/A451	21"

UNIT DESIGNATION IDENTIFICATION:

0.0 X (M)

- # OF BEDROOMS IN UNIT
- # OF UNITS IN BLDG
- (u) = UFAS UNIT
- -L = LEFT UNIT
- * = SIGHT / HEARING UNIT
- -M = MIDDLE UNIT
- -R = RIGHT UNIT

STYLE OF BUILDING:

- C - CRAFTSMAN
- F - 4 SQUARE
- V - VICTORIAN
- T - TUDOR
- CO - COLONIAL

BUILDING TYPES:

	UNIT DESIG.	STORIES	BLDG # PHASE 1	BLDG # PHASE 2	SHEET NUMBERS
SINGLE					
2 BED VICTORIAN	2.1.V	1	6	9	_20
2 BED TUDOR	2.1.T	1	4	9	_21
3 BED COLONIAL (UFAS)	3.1.CO(u)	1	2	0	_45
5 BED TUDOR	5.1.T	2	2	2	_80
DUPLEX					
1 BED CRAFTSMAN	1.2.C	1	3	8	_10
1 BED CRAFTSMAN (UFAS)	1.2.C(u)	1	1	1	_15
1 BED 4 SQUARE	1.2.F	1	3	0	_11
2 BED CRAFTSMAN	2.2.C	1	10	4	_30
2 BED CRAFTSMAN (UFAS)	2.2.C(u)	1	1	1	_35
3 BED 4 SQUARE	3.2.Fa	2	2	4	_50
3 BED 4 SQUARE (BRICK)	3.2.Fb	2	5	2	_51
4 BED VICTORIAN	4.2.V	2	2	2	_70
4 BED COLONIAL	4.2.CO	2	1	2	_71
TRIPLEX					
3 BED VICTORIAN	3.3.V	2	2	2	#60
		TOTAL	44	46	

SITE NOTES:

1. REFER TO CIVIL PLANS FOR EXACT # OF FRONT STEPS - ARCHITECTURAL SITE PLAN SHOWS STEPS DIAGRAMMATICALLY
2. BUILDINGS DIMENSIONED FROM CL OF ROW & PERIMETER PROPERTY LINES TO EDGE OF SLAB/FOUNDATION WALL, TYP.
3. ALL UNITS TO HAVE 'FLUSH' ENTRANCE AT REAR, UNITS LABELED (U)- UFAS TO HAVE FLUSH FRONT, SIDE (WHERE APPLICABLE) AND REAR ENTRANCES, TYP.
4. SEE CIVIL DWGS FOR DIMS FOR ALL DRIVES, SIDEWALKS, CURBS ETC.

SITE PLAN LEGEND:

- RAISED BED PLANTER (1:UNIT) N.I.C.
- APPROX ELECTRICAL PANEL LOCATION - COORD. w/ ENG DWGS & LOCAL PROVIDER
- HVAC / TRASH PAD - SEE SHEET AS400 FOR DTLS

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 9:29:52 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE 101 No. 00021 STATE OF TENNESSEE
04 JUNE 2020

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SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

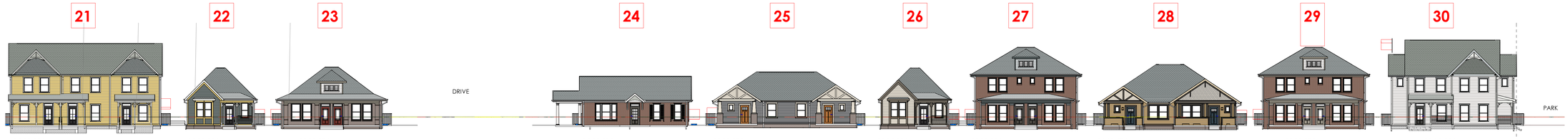
DRAWING TITLE:

PHASE I - ENLARGED SITE PLAN D-E

DRAWING NO:

AS113

BINDING EDGE



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ROOF: RF-1 BODY: 10 ACCENT: 8 TRIM: 8 DOOR: J BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: 3 TRIM:1 DOOR: E BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: 5 TRIM: 1 DOOR: H BRICK: BR-2

ROOF: RF-1 BODY: 19 ACCENT: 3 TRIM: 8 DOOR: C BRICK: BR-1

ROOF: RF-1 BODY: 3 ACCENT: 3 TRIM: C DOOR: J BRICK: BR-1

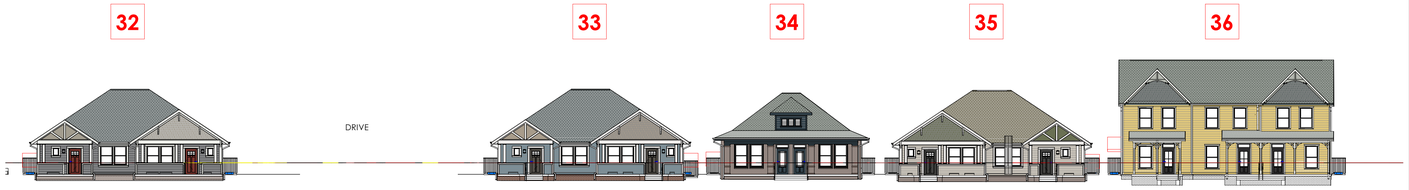
ROOF: RF-1 BODY: - ACCENT: F TRIM: F DOOR: H BRICK: BR-2

ROOF: RF-1 BODY:16 ACCENT: 3 TRIM: H DOOR: K BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: L TRIM: M DOOR: M BRICK: BR-2

ROOF: RF-2 BODY: 1 ACCENT: 6 TRIM: D DOOR: G BRICK:

1 AS300 **N. Academy Looking East 1 - North of Lokey**
1/16" = 1'-0"



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ROOF: RF-2 BODY: - ACCENT: PTD, K TRIM: K DOOR: K BRICK: BR-1

ROOF: RF-3 BODY: 2 ACCENT:11 TRIM: L DOOR: G BRICK: BR-1

ROOF: RF-2 BODY: 8 ACCENT:10 TRIM: D DOOR: J BRICK:

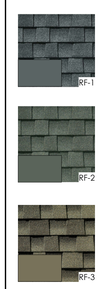
2 AS300 **N. Academy Looking East 2 - South of Lokey**
1/16" = 1'-0"

PROPOSED COLOR PALETE TO BE REVIEWED BY CITY OF MURFREESBORO AND MURFREESBORO HOUSING AUTHORITY

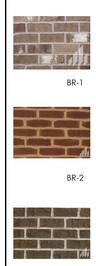
SIDING BODY & ACCENT COLORS
STATEMENT & DESIGN COLLECTION BY JAMES HARDIE

PAINT - TRIM, DOOR, STUCCO & BRICK
REFERENCE SHERWIN WILLIAMS AND/OR JAMES HARDIE

ROOF SHINGLE



BRICK



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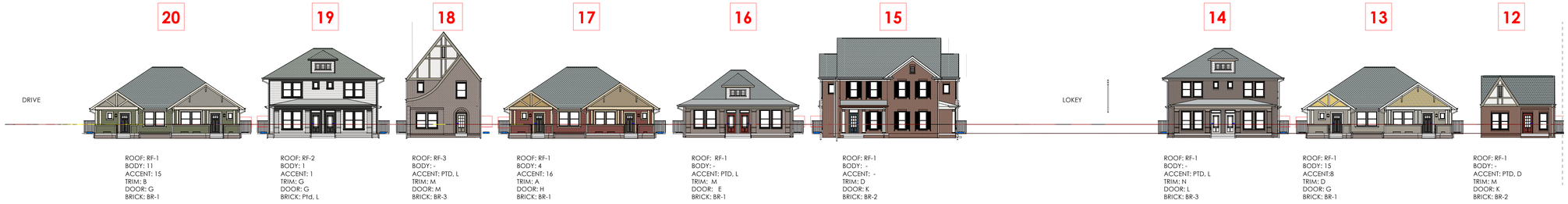

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ROOF: RF-3 BODY: - ACCENT: PTD, L TRIM: M DOOR: M BRICK: BR-3

ROOF: RF-1 BODY: 4 ACCENT: 16 TRIM: A DOOR: H BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: PTD, L TRIM: M DOOR: E BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: - TRIM: D DOOR: K BRICK: BR-2

ROOF: RF-1 BODY: - ACCENT: N TRIM: N DOOR: L BRICK: BR-3

ROOF: RF-1 BODY: 15 ACCENT:8 TRIM: D DOOR: G BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: PTD, D TRIM: M DOOR: K BRICK: BR-2

3 AS300 **N. Academy Looking West 1 - South of ML**
1/16" = 1'-0"

ROOF: RF-1 BODY: 18 ACCENT: 13 TRIM: 1 DOOR: Q BRICK: BR-1

ROOF: RF-1 BODY: 15 ACCENT: - TRIM: D DOOR: G BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: 1 TRIM: H DOOR: H BRICK: BR-1

ROOF: RF-3 BODY: 14 ACCENT: 11 TRIM: A FASCIA: B DOOR: P BRICK: BR-1

ROOF: RF-1 BODY: 12 ACCENT: 15 TRIM: 15 FASCIA: D DOOR: G BRICK: BR-2

ROOF: RF-1 BODY: - ACCENT: PDT, I TRIM: 15 DOOR: E BRICK: BR-3

ROOF: RF-2 BODY: 1 ACCENT: - TRIM: G DOOR: G BRICK: PTD, L

ROOF: RF-1 BODY: 18 ACCENT: 18 TRIM: O DOOR: G BRICK: BR-3

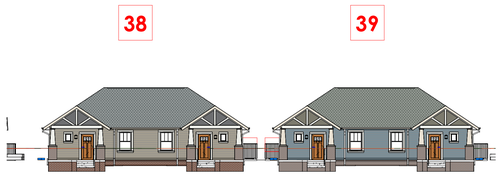
ROOF: RF-3 BODY: 11 ACCENT: 3 TRIM: 8 DOOR: P BRICK: BR-2

ROOF: RF-1 BODY: - ACCENT: PTD, L TRIM: N DOOR: K BRICK: BR-2

ROOF: RF-1 BODY: 16 ACCENT: 4 TRIM: A DOOR: H BRICK: BR-2

4 AS300 **N. Academy Looking West 2 - North of ML**
1/16" = 1'-0"

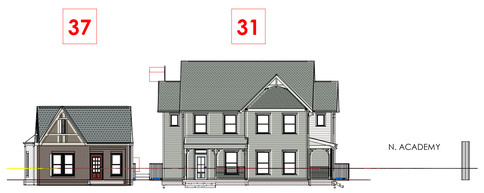
BINDING EDGE



ROOF: RF-1 BODY: 15 ACCENT: 19 TRIM: D DOOR: E BRICK: BR-2

ROOF: RF-2 BODY: 18 ACCENT: 13 TRIM: D DOOR: Q BRICK: BR-1

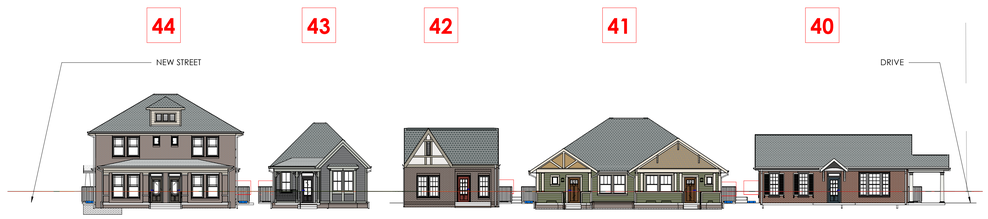
5 AS300 **Palm Court Looking North**
1/16" = 1'-0"



ROOF: RF-1 BODY: - ACCENT: C TRIM: 3 DOOR: E BRICK: BR-1

ROOF: RF-2 BODY: 12 ACCENT: 15 TRIM: D DOOR: F BRICK: BR-1

6 AS300 **Lokey Looking South**
1/16" = 1'-0"



ROOF: RF-1 BODY: - ACCENT: 3 TRIM: 3 DOOR: H BRICK: BR-1

ROOF: RF-1 BODY: 19 ACCENT: 5 TRIM: 5 FASCIA: D DOOR: J BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: PTD, 1 TRIM: 15 DOOR: E BRICK: BR-3

ROOF: RF-1 BODY: 11 ACCENT: 16 TRIM: B DOOR: P BRICK: BR-1

ROOF: RF-1 BODY: - ACCENT: D TRIM: D, G DOOR: K BRICK: BR-2

7 AS300 **Jetton Extension Looking West**
1/16" = 1'-0"

TIME / DATE: 6/3/2020 9:13:55 PM

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ARCHITECTS & INTERIOR DESIGNERS
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT
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ACTIVE DESIGN PHASE
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SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

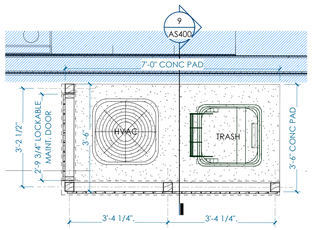
DRAWING TITLE:

SITE ELEVS

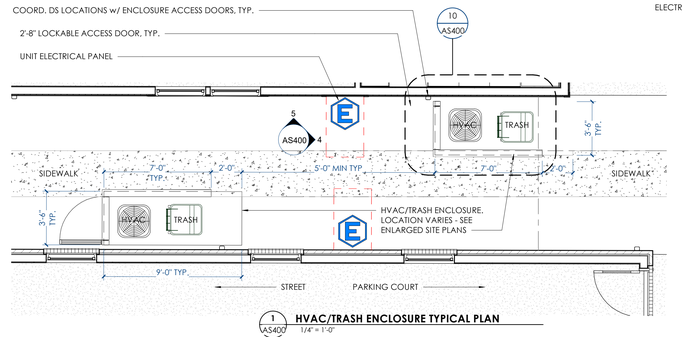
DRAWING NO:

AS300

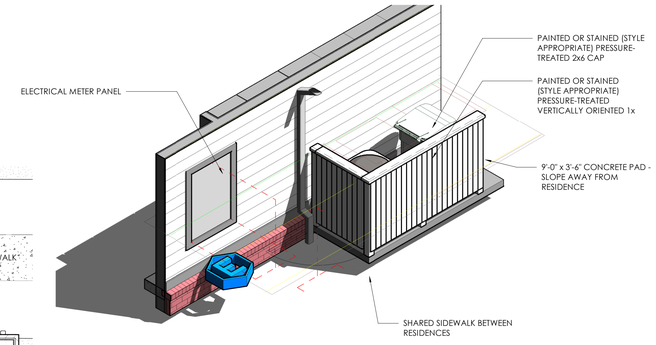
BINDING EDGE



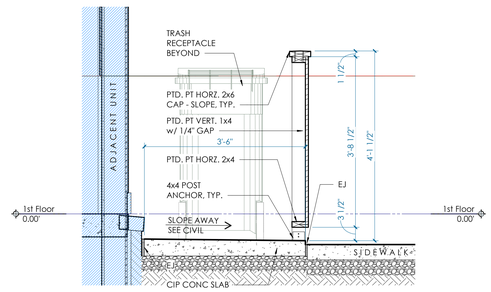
10 AS400 **ENLARGED HVAC / TRASH ENCLOSURE PLAN**
1/2" = 1'-0"



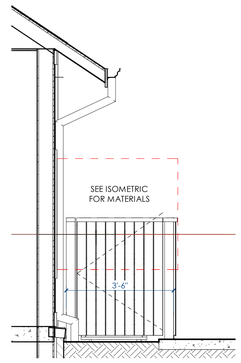
1 AS400 **HVAC/TRASH ENCLOSURE TYPICAL PLAN**
1/4" = 1'-0"



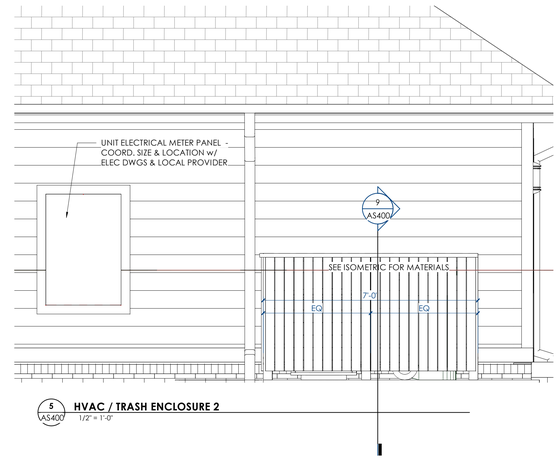
6 AS400 **HVAC / TRASH ENCLOSURE ISOMETRIC**



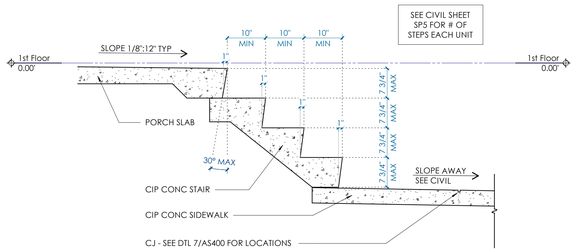
9 AS400 **HVAC / TRASH ENCLOSURE DETAIL**
3/4" = 1'-0"



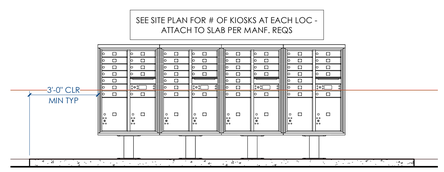
4 AS400 **HVAC / TRASH ENCLOSURE 1**
1/2" = 1'-0"



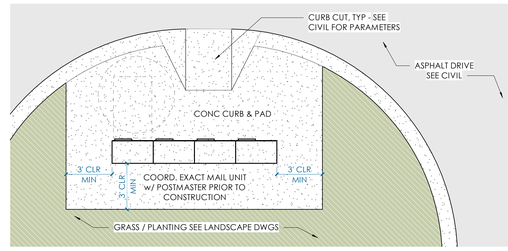
5 AS400 **HVAC / TRASH ENCLOSURE 2**
1/2" = 1'-0"



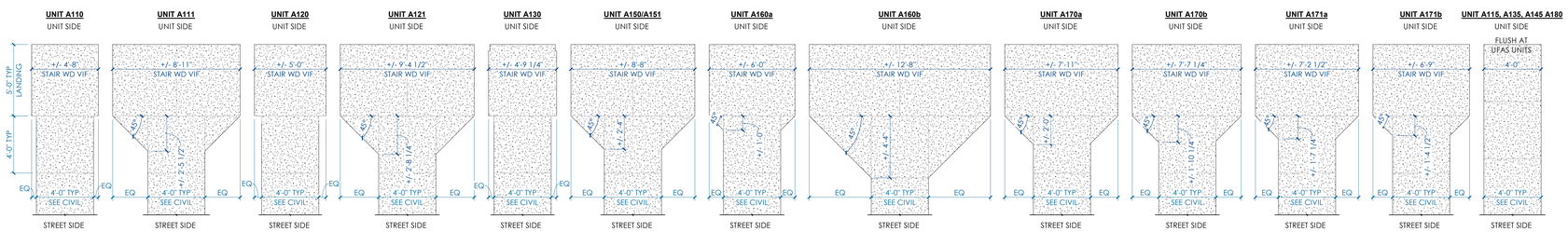
8 AS400 **PORCH STAIR PERFORMANCE CRITERIA**
3/4" = 1'-0"



3 AS400 **TYPICAL MAIL KIOSK ELEVATION**
3/8" = 1'-0"



2 AS400 **MAIL KIOSK ENLARGED PLAN**
1/4" = 1'-0"



7 AS400 **SIDEWALK TRANSITION**
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 9:17:35 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

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KNOXVILLE, TENNESSEE 37902
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EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

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PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

ARCHITECTURAL SITE DETAILS

DRAWING NO:
AS400

BINDING EDGE

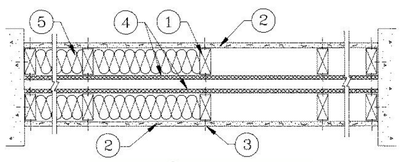
BINDING EDGE

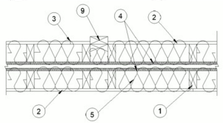
BINDING EDGE

TYPICAL UNIT SEPARATION PARTITION

Design No. U341
October 02, 2019
Bearing Wall Rating — 1 Hr.
Finish Rating — Min 20 min.
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.





HORIZONTAL SECTION

1. Wood Studs — Nom 2 by 4 in., spaced 24 in. OC max. Cross braced at mid-height and effectively firestopped at top and bottom of wall. No min. air space between stud rows except to accommodate attachment of sheathing, where required. See Items 4 and 5.
2. Gypsum Board* — Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L501, G512 or U305. Nom 5/8 in. thick 4 ft wide. Gypsum board applied horizontally or vertically, unless specified below, and nailed to studs and bearing plates 7 in. OC with 6d cement coated nails, 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam head. As an alternate, No. 6 bugle head drywall screws, 1-7/8 in. long, may be substituted for the 6d cement coated nails. When Steel Framing Members* (Item 6-6C) are used, wallboard attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC.

When used in widths other than 48 in., gypsum board to be installed horizontally.
3. Joints and Nailheads — Gypsum board joints of outer layer covered with tape and joint compound. Nail heads of outer layer covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with joints reinforced with paper tape.
4. Sheathing — (Optional) — Septum may be sheathed with min 7/16 in. thick wood structural panels min grade "C-D" or "Sheathing" or min 1/2 in. thick Mineral and Fiber Boards*.
5. Batts and Blankets* — 3-1/2 in. max thickness glass or mineral fiber batt insulation. Optional when sheathing (Item 4) is used on both halves of wall.
See Batts and Blankets (BZJZ) category for list of Classified companies.

5A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft3. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft3, in accordance with the application instructions supplied with the product.
U S GREENFIBER L L C — INS735, INS745 and INS750LD for use with wet or dry application. INS515LD, INS541LD, INS735, INS765LD, and INS773LD are to be used for dry application only.

5B. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) when Sheathing (Item 4) is used on both halves of wall - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.
NU-WOOL CO INC — Cellulose Insulation

5C. Batts and Blankets* — (Required for use with Wall and Partition Facings and Accessories, Item 2A. Use of Sheathing, Item 4, does not nullify requirement of Item 5C for use with Item 2A) — Glass fiber insulation, nom 3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacturers.
5D. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) and Item 5A when Sheathing (Item 4) is used on both halves of wall - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft3.
INTERNATIONAL CELLULOSE CORP — Celbar-RL

5E. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) - Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft3.
APPLEGATE HOLDINGS L L C — Applegate Advanced Stabilized Cellulose Insulation
7. Wall and Partition Facings and Accessories* — (Optional, Not shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recommendations. When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

8. Mineral and Fiber Board* — ((Optional, Not Shown) — For optional use as an additional layer on one or both sides of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing as described in Item 2. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

9. Non-Bearing Wall Partition Intersection — (Optional) — Two nominal 2 by 4 in. stud or nominal 2 by 6 in. stud nailed together with two 3in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.
(Optional, Not Shown) Alternate Construction For Use On One Side Of The Wall.

10. Mineral and Fiber Board* — For use with Items 10A-10D) —Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.
HOMASOTE CO — Homasote Type 440-32

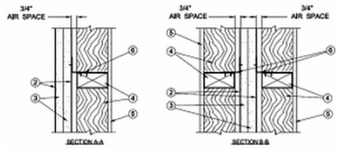
10A. Glass Fiber Insulation — (For use with Item 10) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies.
10B. Batts and Blankets* — (As an alternate to Item 10B. For use with Item 10), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.
THERMAFIBER INC — Type SAFB, SAFB FF

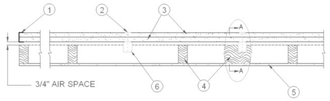
10C. Adhesive — (For use with Item 10) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in. wide beads down the length of both vertical edges of Mineral and Fiber Board (Item 14A).
10D. Gypsum Board* — (For use with Item 10) — 5/8 in. thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 14A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 10). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

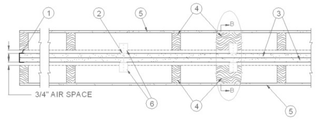
UNIT SEPARATION PARTITION AT TRIPLEX

Design No. U373
July 30, 2019
Nonbearing Wall Rating - 2 Hr (Area Separation Wall, See items 1, 2 and 3)
Bearing Wall Rating 2 Hr (Protected Wall, See Items 4, 4A and 4B)
Nonbearing Wall Rating 2 Hr (Protected Wall, See Item 4B)
Finish Rating - 120 Min (See Item 4)
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.





CONFIGURATION A
EXPOSED TO FIRE FROM AREA SEPARATION WALL SIDE ONLY



CONFIGURATION B
EXPOSED TO FIRE FROM EITHER SIDE

AREA SEPARATION WALL: — (Nonbearing, Max Height - 44 ft)
1. Floor, Intermediate or Top Wall — 2-3/16 in. wide channel shaped with 1 in. long legs formed from No. 25 MSG galv steel, secured with suitable fasteners spaced 24 in. OC.
2. Steel Studs — Steel members formed from No. 25 MSG galv steel having "H" - shaped flanges spaced 24 in. OC; overall depth 2-1/8 in. and flange width 1-1/2 in.
3. Gypsum Board* — Two layers of 1 in. thick gypsum wallboard liner panels, supplied in nom 24 in. widths. Vertical edges of panels friction fitted into "H" - shaped studs.
GEORGIA-PACIFIC GYPSUM L L C — Types TRSL, DGUSL

PROTECTED WALL: (Bearing or Nonbearing Wall, as indicated in Items 4, 4A and 4B. When Bearing, Load Restricted for Canadian Applications — See Guide BXUV7.)

4. Wood Studs — For 2 Hr. Bearing or Nonbearing Wall Rating - Nom 2 by 4 in., max spacing 24 in. OC. Studs cross-braced at midheight where necessary for clip attachment. Min 3/4 in. separation between wood framing and area separation wall. Finish rating evaluated for wood studs only.
4A. Steel Studs — (As an alternate to Item 4, not shown) — For 2 Hr. Bearing Wall Rating - Corrosion protected steel studs, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min 3- 1/2 in. wide, min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, cold formed, shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC. Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI specifications. Top and bottom tracks shall consist of steel members, min No. 20 MSG (0.0329 in., min bare metal thickness) steel or min No. 20 GSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall. Finish rating has not been evaluated for Steel Studs.
4B. Steel Studs — (As an alternate to Items 4 and 4A, for use in Configuration B only, not shown) — For 2 Hr. Nonbearing Wall Rating - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min 3-1/2 in. wide, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. Top and bottom tracks shall be channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max. Studs cross-braced with stud framing at midheight where necessary for clip attachment. Min 3/4 in. separation between steel framing and area separation wall. Finish rating has not been evaluated for Steel Studs.
5. Gypsum Board — Classified or Unclassified - Min 1/2 in thick, 4 ft wide, applied either horizontally or vertically. Wallboard attached to wood studs (Item 4) with 1-1/4 in. long steel drywall nails spaced 12 in. OC. Wallboard attached to steel studs (Item 4A or 4B) with 1 in. long Type S steel screws spaced 12 in. OC. Vertical joints located over studs. (Optional) Joints covered with paper tape and joint compound. Nail or screw heads covered with joint compound.
5A. Plywood Sheathing or OSB — (Not shown) — As an alternate to Item 5, Nominal 1/2 in. thick or greater plywood or OSB applied horizontally or vertically to wood or steel studs. Vertical joints located over studs. Horizontal joints shall be butted tight to form a closed joint. Fastened to studs with nails or screws of sufficient length, spaced 12 in. OC. Joints and fastener heads are not required to be treated. Aluminum clips shall be spaced as described in Item 6.
6. Attachment Clips — Aluminum angle, 0.062 in. thick, min 2 in. wide with min 2 in. and 2-1/2 in. legs. Clips secured with minimum one Type S screw 3/8 in. long to "H" studs and with minimum one Type W screw 1-1/4 in. long to wood framing or steel framing through holes provided in clip. Clips spaced a max of 10 ft OC vertically between wood or steel framing and "H" studs for separation walls up to 23 ft high. For separation walls up to 44 ft high, clips spaced as described above for the upper 24 ft. and the remaining wall area below requires clips spaced a max 5 ft OC vertically between wood or steel framing and "H" studs.
7. Batts and Blankets* — (Optional, not shown) — Placed in stud cavities, any glass fiber or mineral wool insulation, max 3.0 pcf density, bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies. Min 3/4 in. separation between insulation and area separation wall.
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.
Last Updated on 2019-07-30

SEE SHEET A490 FOR ALL
RATED/UNRATED INTERIOR PARTITIONS

* USED WITH PERMISSION OF UL LABORATORIES

TIME / DATE: 6/3/2020 9:18:11 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

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KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **not** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	M. Cox
CHECKED BY:	Project.Checked By
DRAWING TITLE:	*

UL PARTITIONS & FLOOR/CEILING ASSEMBLIES

DRAWING NO: **LS400**

BINDING EDGE

BINDING EDGE

BINDING EDGE

SCHEME A - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: ARROWHEAD CREEK, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

1.2.C - DOOR SCHEDULE

Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	FRAME MAT'L	HDWR Set No.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	CL	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	2	5'-0"	6'-8"	1 1/2"	WD	B4P	WD - Wood	5	
104	1	2'-0"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
105	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
106	2	3'-0"	6'-8"	1 1/2"	WD	B4P	WD - Wood	5	
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
108	1	2'-0"	6'-8"	1 1/2"	WD	B2P	WD - Wood	7	
109	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

DOOR NOTES:

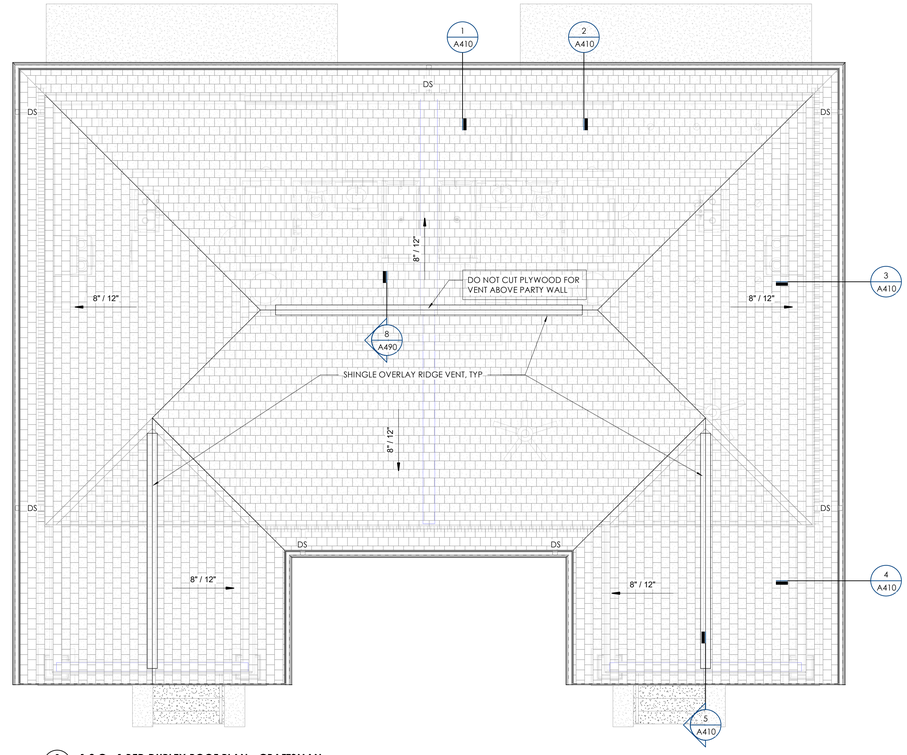
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN NOTES

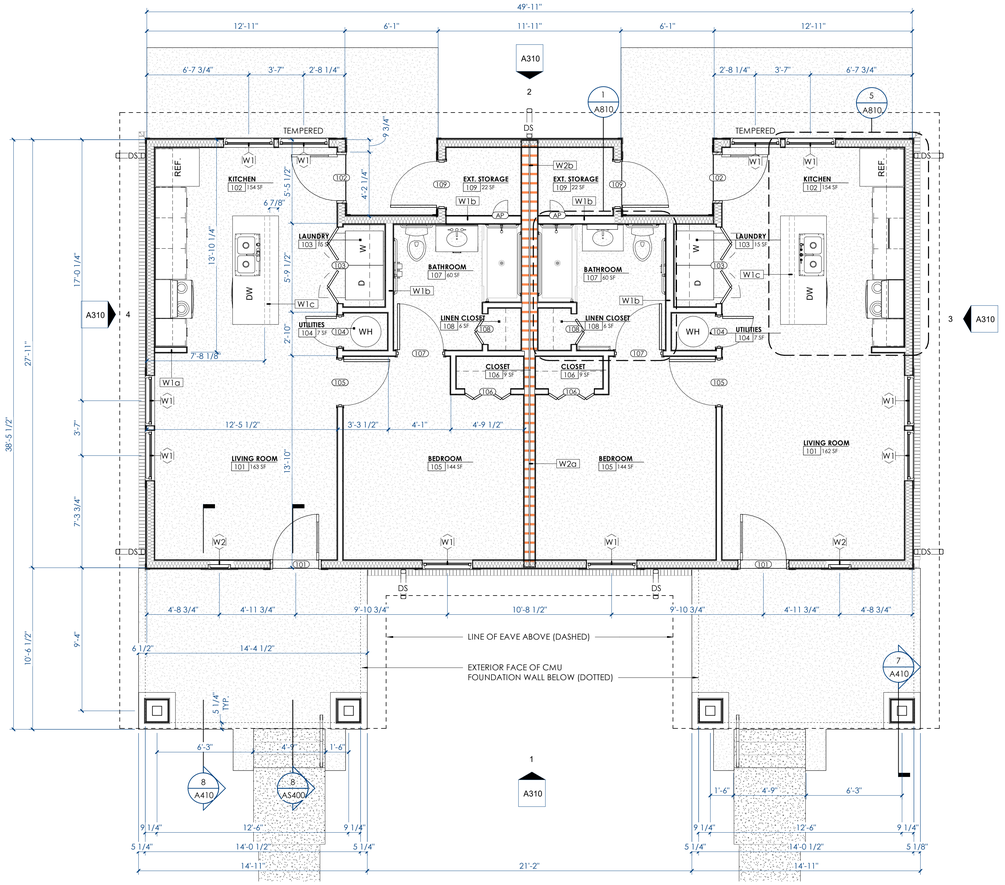
1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS, SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

PLAN LEGEND:

W1a, W1b, W1c, W2a, W2b, W3



2 A110 **1.2.C - 1 BED DUPLEX ROOF PLAN - CRAFTSMAN**
1/4" = 1'-0"



1 A110 **1.2.C - 1 BED DUPLEX PLAN - CRAFTSMAN**
1/4" = 1'-0"

Number	Name	Area
101	LIVING ROOM	162.5 SF
102	KITCHEN	154.2 SF
103	LAUNDRY	14.7 SF
104	UTILITIES	7.1 SF
105	BEDROOM	144.2 SF
106	CLOSET	9.2 SF
107	BATHROOM	60.4 SF
108	LINEN CLOSET	5.9 SF
109	EXT. STORAGE	21.7 SF

TIME / DATE: 6/3/2020 8:22:34 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT No. 102021 STATE OF TENNESSEE
PE No. 110777 REGISTERED AGRICULTURAL ENGINEER STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.C - 1 BED DUPLEX PLAN - CRAFTSMAN

DRAWING NO:

A110

BINDING EDGE

BINDING EDGE

BINDING EDGE

SCHEME G - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	ARBORITE, STD. LAMINATE P-1015 UL CARRARA VENATO
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD

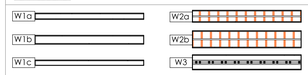
DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (s)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

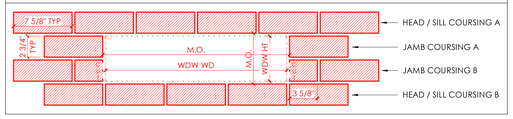
PLAN LEGEND:

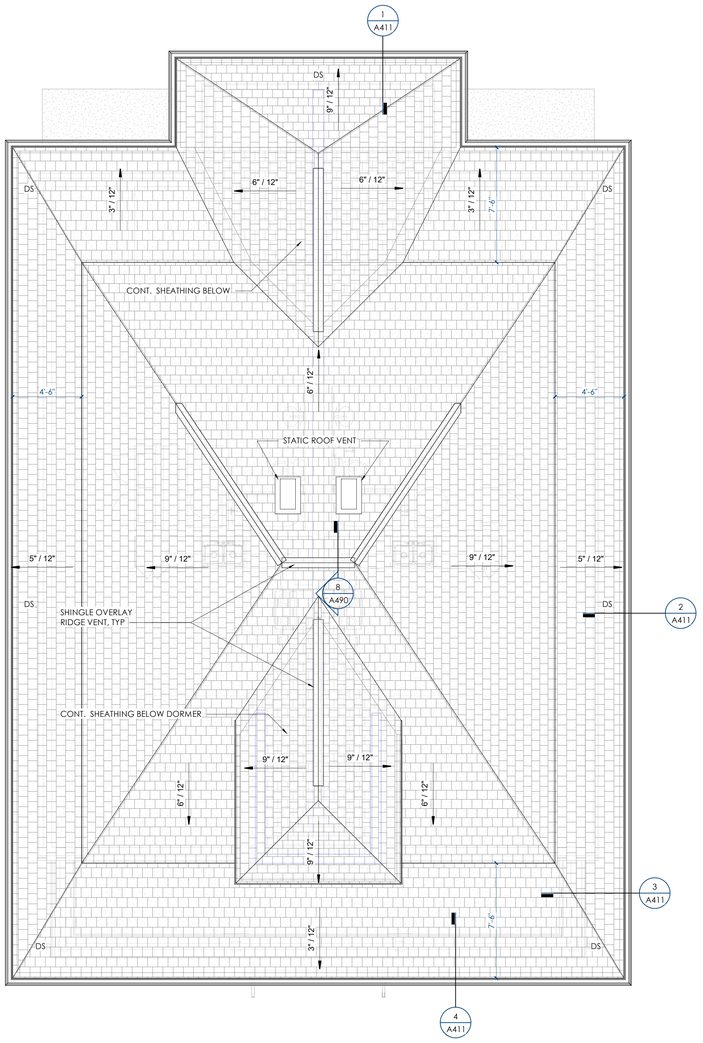


1.2.F - DOOR SCHEDULE

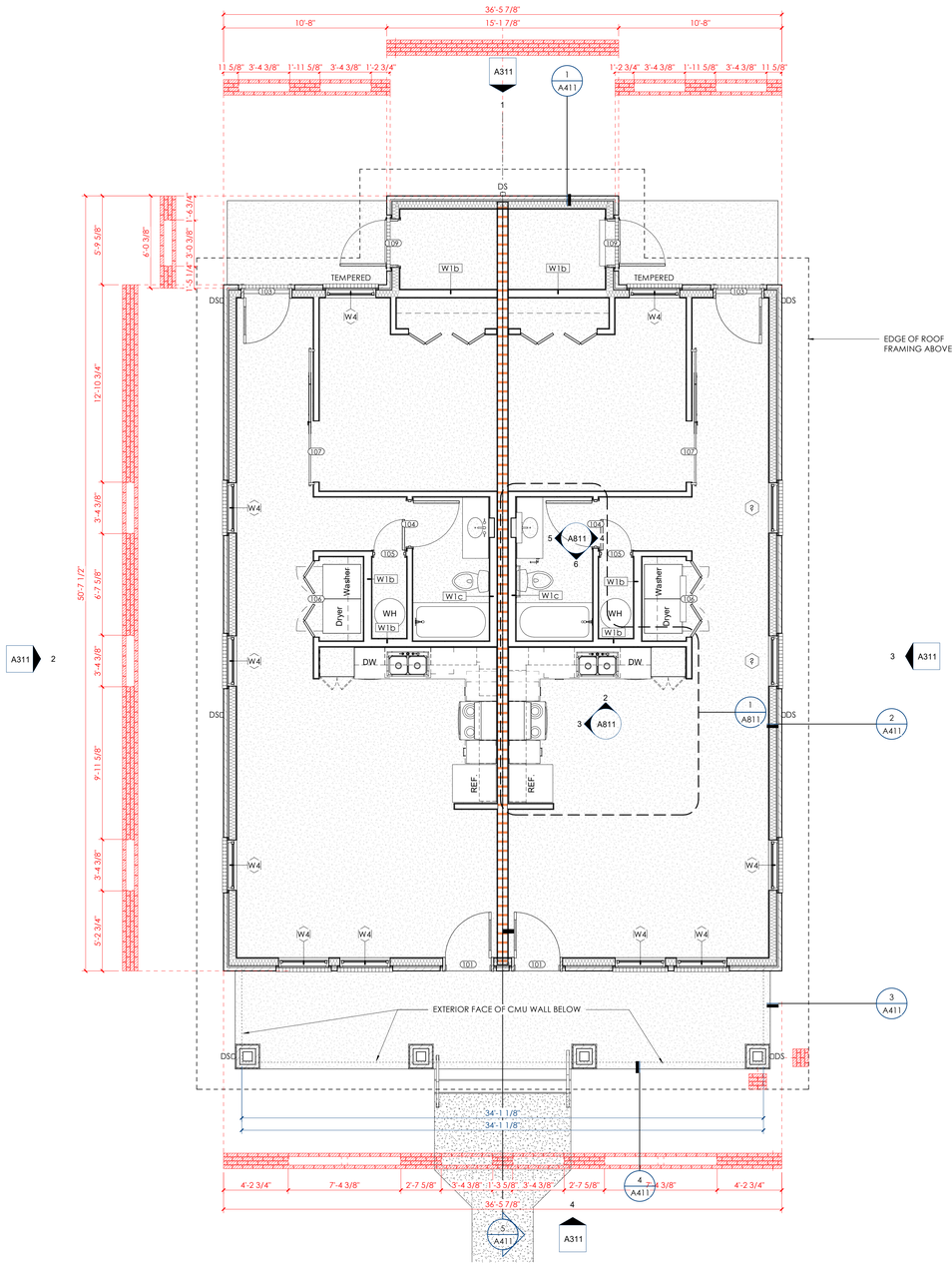
Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	FRAME MAT'L	HDWR SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	1	
103	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
105	1	2'-0"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
106	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
107	1	4'-0"	6'-8"	1 3/4"	SCWD	S2P	WD - Wood	6	
108	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
109	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
111		3'-11 3/4"	1'-11 3/4"					9	
AAD		3'-11 3/4"	1'-11 3/4"					9	

QUEEN BRICK COURSING LEGEND:





2 A111 **1.2.F - 1 BED DUPLEX ROOF PLAN - 4 SQUARE**
1/4" = 1'-0"



1 A111 **1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	
KITCHEN	102	
HALL	103	145.8 SF
BATHROOM	104	47 SF
UTILITIES	105	12.1 SF
LAUNDRY	106	15.8 SF
BEDROOM	107	129.9 SF
CLOSET	108	13.2 SF
EXT. STORAGE	109	33.3 SF

TIME / DATE: 6/3/2020 8:22:52 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / .
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE

DRAWING NO:
A111

BINDING EDGE

BINDING EDGE

BINDING EDGE

SCHEME A - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: ARROWHEAD CREEK, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

1.2.C(u) - DOOR SCHEDULE

Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	FRAME MAT'L	HDWR SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	CL	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
104	1	2'-0"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
105	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
106	2	3'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
108	1	2'-0"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
109	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

PLAN NOTES

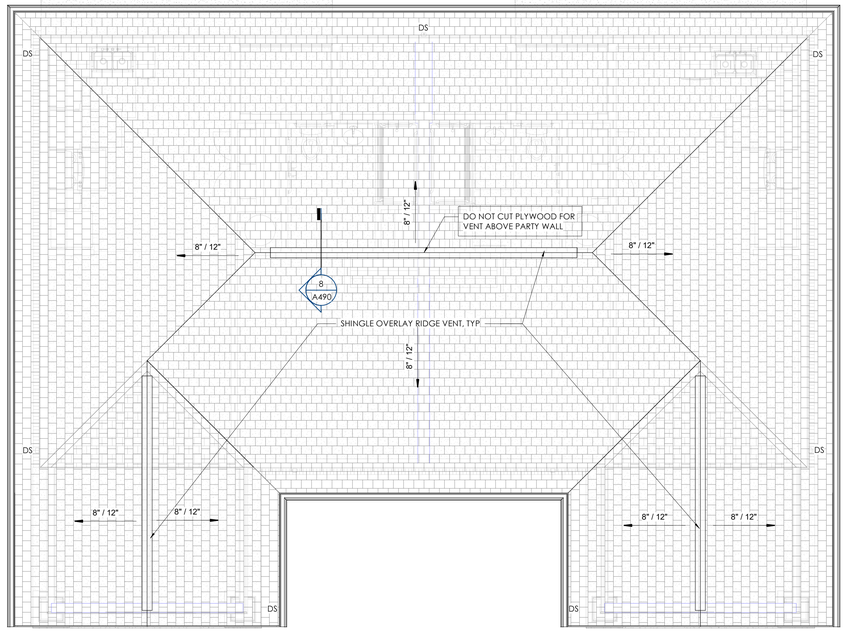
1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

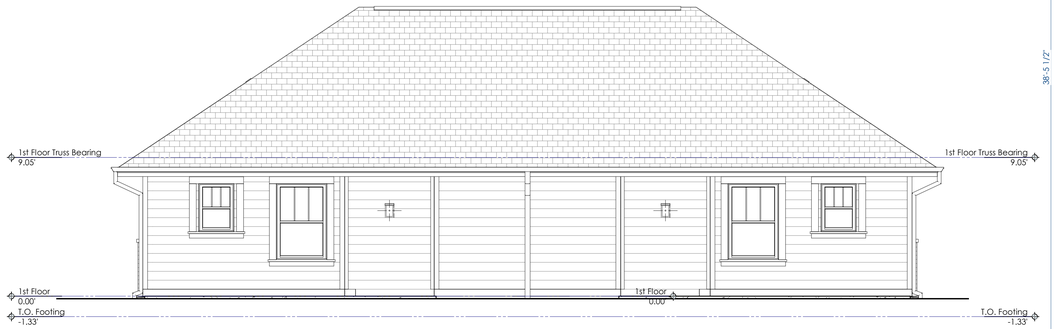
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN LEGEND:

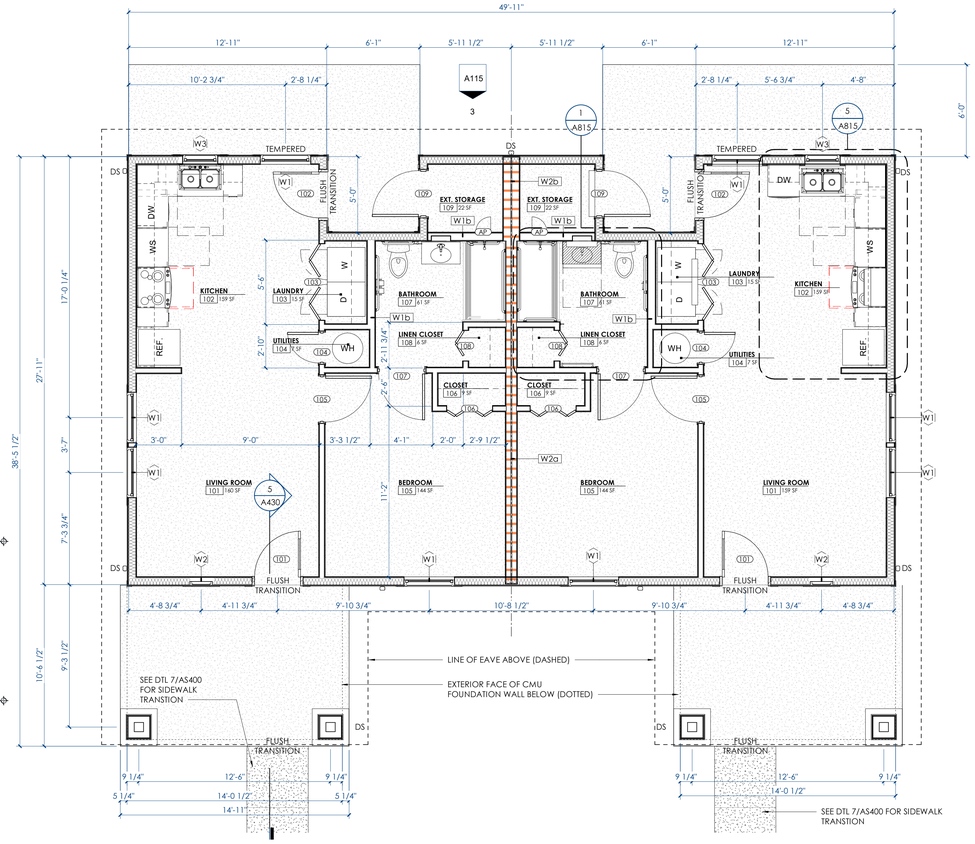
W1a W1b W1c W2a W2b W3



2 A115 **1.2.C(u) - 1 BED DUPLEX ROOF PLAN - CRAFTSMAN (UFAS)**
1/4" = 1'-0"



3 A115 **'NORTH' ELEVATION - SEE A310 FOR SIM. S/W/E ELEVATIONS**
1/4" = 1'-0"



1 A115 **1.2.C(u) - 1 BED DUPLEX 1st FLOOR PLAN - CRAFTSMAN (UFAS)**
1/4" = 1'-0"

VG	Number	Area
LIVING ROOM	101	
KITCHEN	102	
LAUNDRY	103	14.7 SF
UTILITIES	104	7.1 SF
BEDROOM	105	144.2 SF
CLOSET	106	9.2 SF
BATHROOM	107	61.5 SF
LINEN CLOSET	108	6.2 SF
EXT. STORAGE	109	21.7 SF

TIME / DATE: 6/3/2020 8:23:10 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE 37902 No. 00021 STATE OF TENNESSEE
04 JUNE 2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE: **1.2.C(u) - 1 BED DUPLEX PLAN & NORTH ELEVATION- CRAFTSMAN (UFAS)**

DRAWING NO: **A115**

BINDING EDGE

BINDING EDGE

BINDING EDGE

2.1.V - DOOR SCHEDULE

Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	FRAME MAT'L	HDWR SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	4L2P	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
105	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106	1	2'-0"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
108	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
109	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
110	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
111	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (s)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

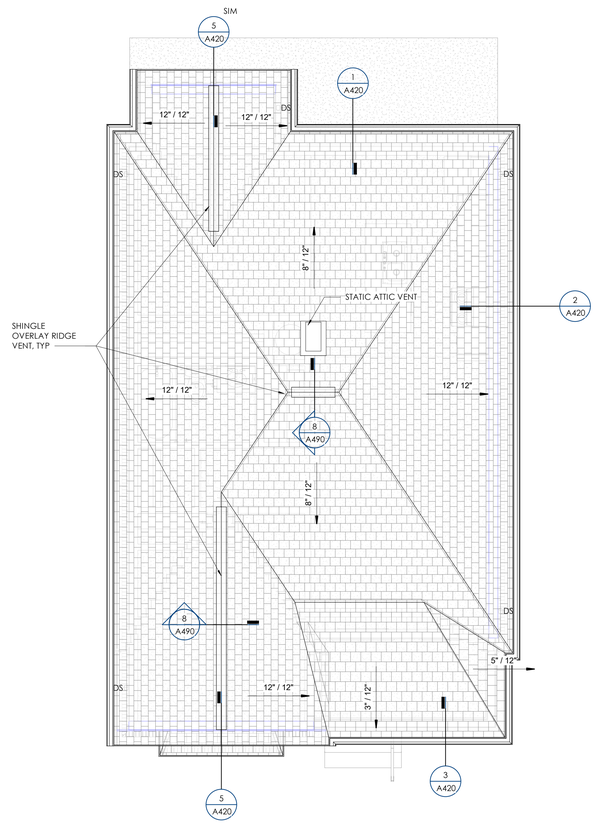
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN LEGEND:

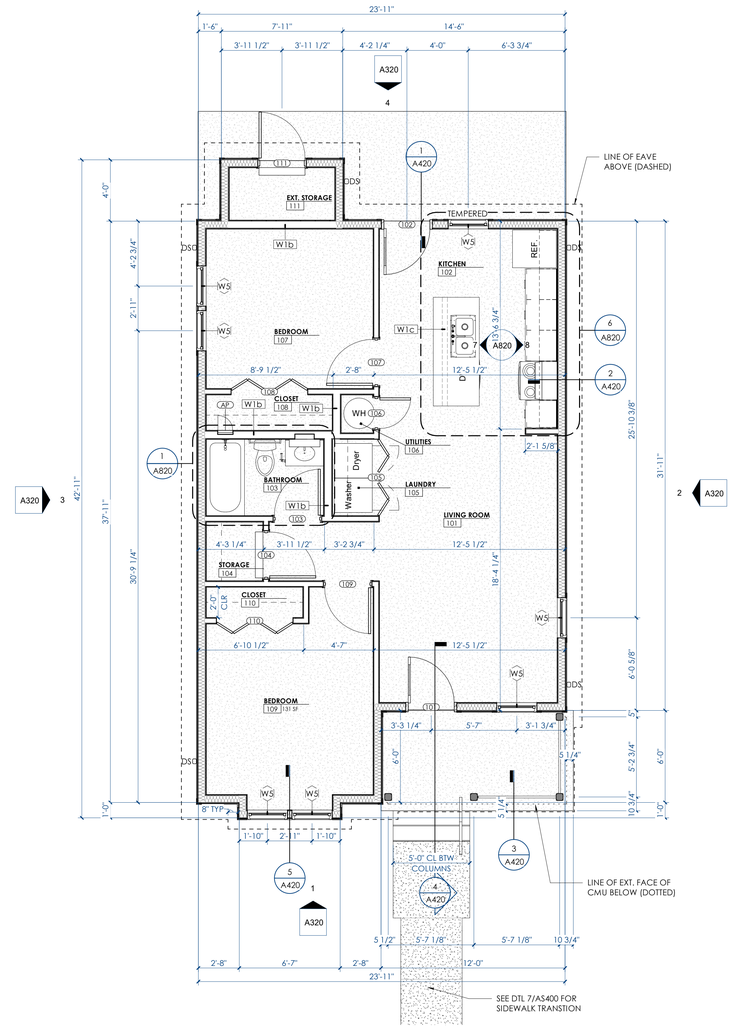
W1a, W1b, W1c, W2a, W2b, W3

SCHEME D - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD, LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 4.2.CO ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3



2 A120 **2.1.V - 2 BED SINGLE ROOF PLAN - VICTORIAN**
1/4" = 1'-0"



1 A120 **2.1.V - 2 BED SINGLE PLAN - VICTORIAN**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	233.2 SF
KITCHEN	102	149.7 SF
BATHROOM	103	38.3 SF
STORAGE	104	14.3 SF
LAUNDRY	105	13.3 SF
UTILITIES	106	5.3 SF
BEDROOM	107	113.5 SF
CLOSET	108	19.2 SF
BEDROOM	109	131.5 SF
CLOSET	110	12.6 SF
EXT. STORAGE	111	23.7 SF

TIME / DATE: 6/3/2020 8:23:29 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE 27777 STATE OF TENNESSEE
04 JUNE 2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As Indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.1.V - 2 BED SINGLE PLAN - VICTORIAN

DRAWING NO:

A120

BINDING EDGE

BINDING EDGE

BINDING EDGE

SCHEME H - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

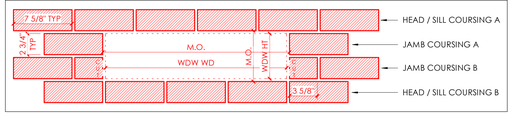
PLAN LEGEND:

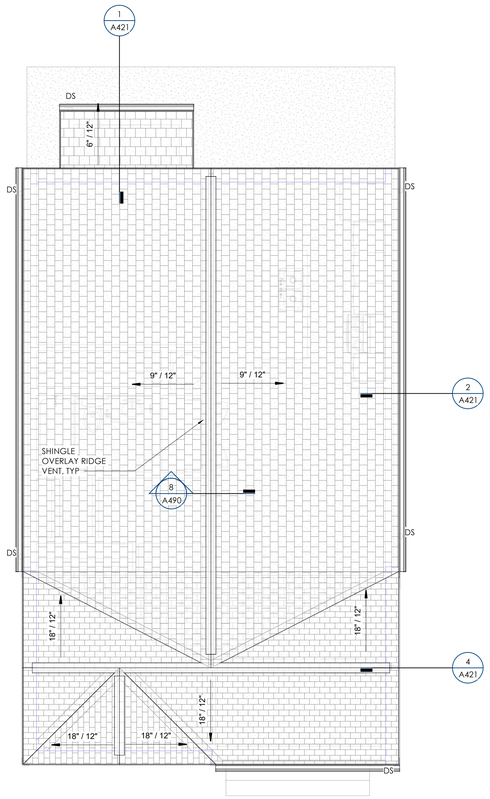
W1a, W1b, W1c, W2a, W2b, W3

2.1.T - DOOR SCHEDULE

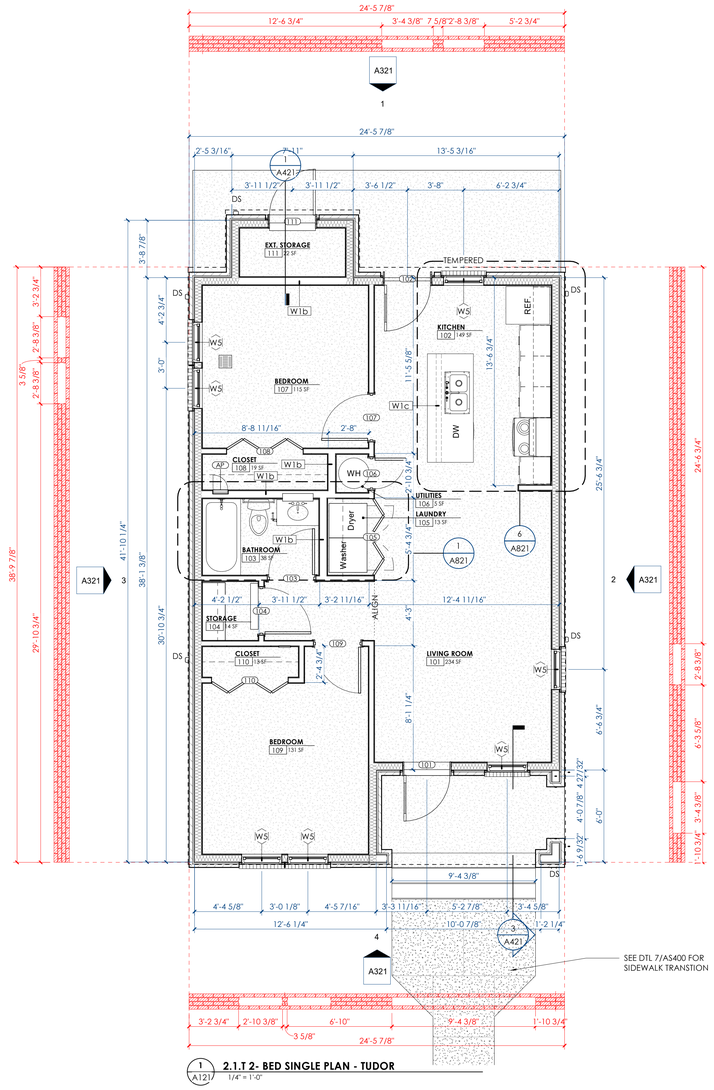
Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	FRAME MAT'L	HDWR SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	12L2P	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
105	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106	1	2'-0"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
108	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
109	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
110	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
111	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	2	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

QUEEN BRICK COURSING LEGEND:





2 A121 **2.1.T - 2 BED SINGLE ROOF PLAN - TUDOR**
1/4" = 1'-0"



1 A121 **2.1.T 2- BED SINGLE PLAN - TUDOR**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	233.7 SF
KITCHEN	102	149.4 SF
BATHROOM	103	38 SF
STORAGE	104	14.1 SF
LAUNDRY	105	13.3 SF
UTILITIES	106	5.3 SF
BEDROOM	107	114.9 SF
CLOSET	108	19 SF
BEDROOM	109	130.9 SF
CLOSET	110	12.5 SF
EXT. STORAGE	111	21.9 SF

TIME / DATE: 6/3/2020 8:22:49 PM

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE 27777 STATE OF TENNESSEE
04 JUNE 2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.1.T - 2 BED SINGLE PLAN - TUDOR

DRAWING NO:

A121

BINDING EDGE

BINDING EDGE

BINDING EDGE

2.2.C - DOOR SCHEDULE									
	DOOR LEAF INFORMATION						FRAME	HDWR	
Mark (Door Number)	QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	MAT'L	SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	CL	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
105	2	5'-0"	6'-8"	1 1/2"	WD	B4P	WD - Wood	5	
106	1	2'-0"	6'-8"	1 3/4"	L	L	WD - Wood	2	LOUVERED
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
108	2	5'-0"	6'-8"	1 1/2"	WD	B4P	WD - Wood	5	
109	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
110	2	5'-0"	6'-8"	1 1/2"	WD	B4P	WD - Wood	5	
111	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

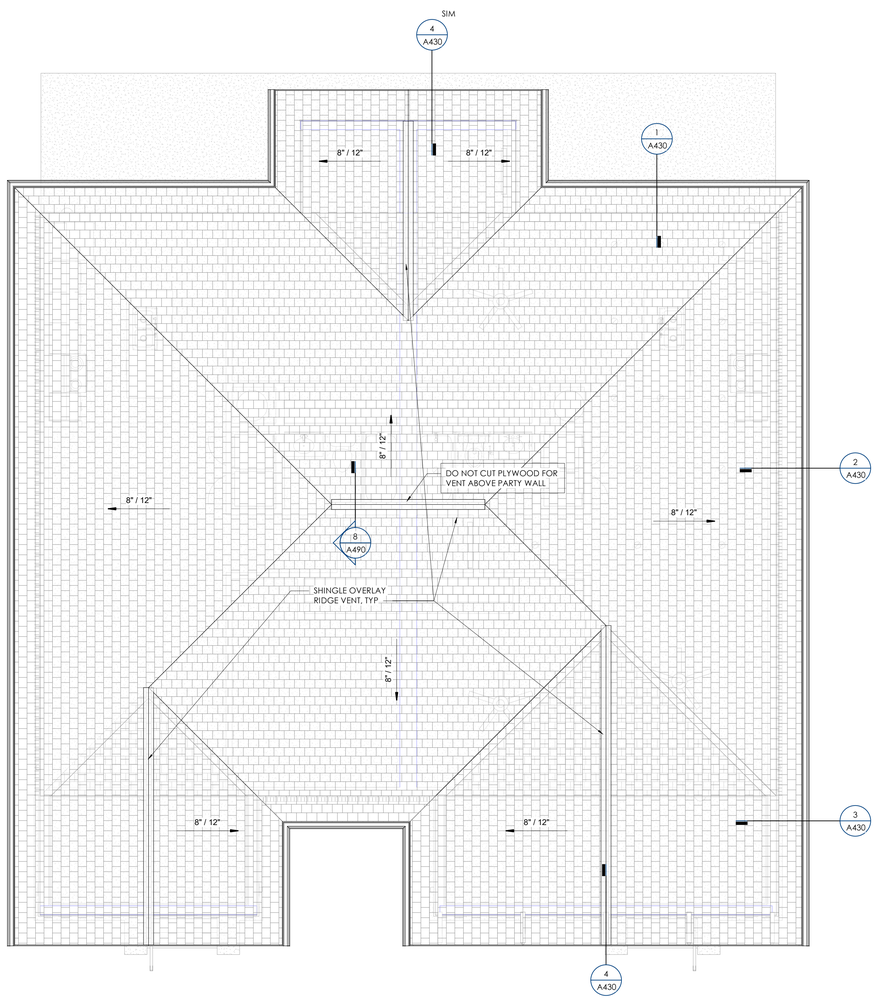
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN LEGEND:

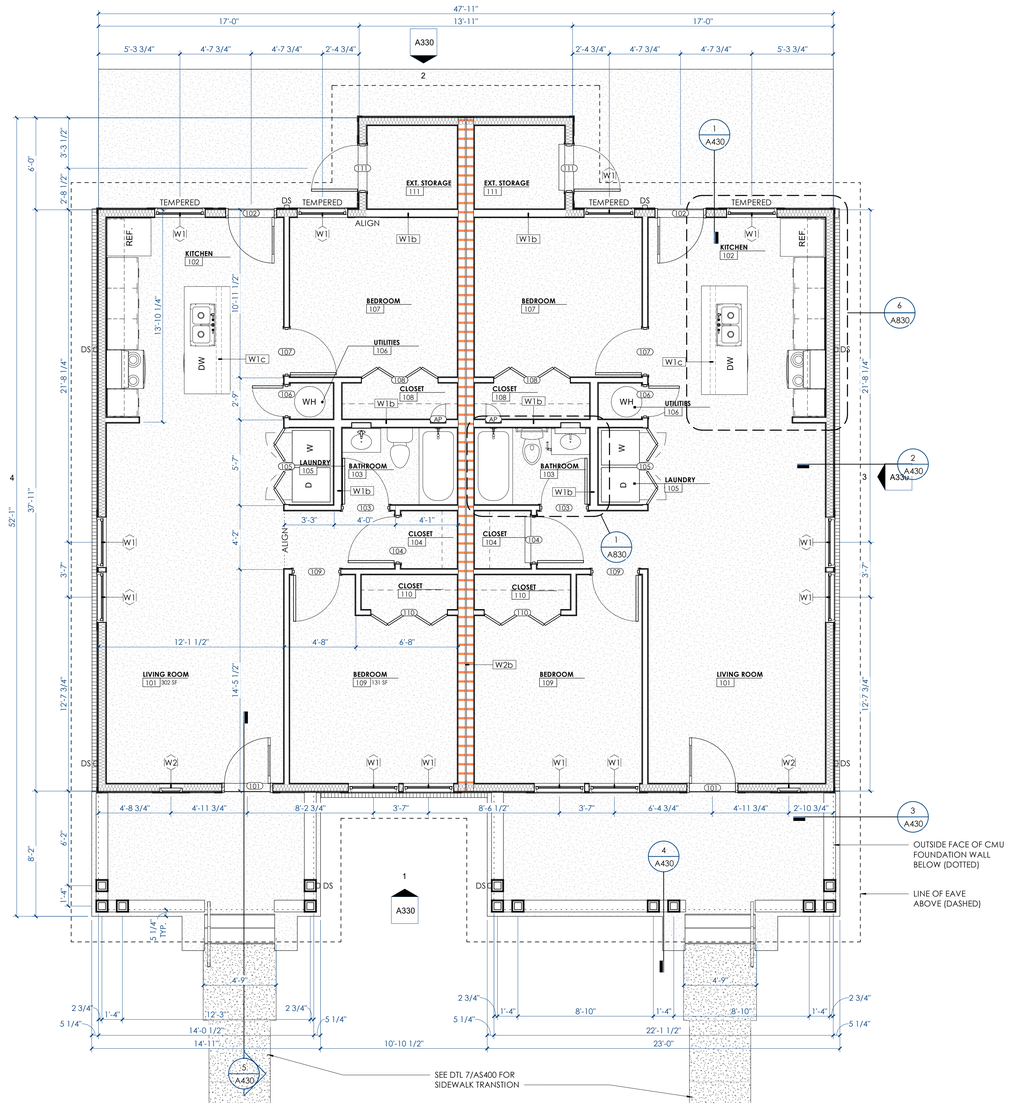
W1a W2a
W1b W2b
W1c W3

SCHEME B - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	ARBORITE, STD, LAMINATE P-1015 UL CARRARA VENATO
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG



2 A130 **2.2.C - 2 BED DUPLEX ROOF PLAN - CRAFTSMAN**
1/4" = 1'-0"



1 A130 **2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	
KITCHEN	102	
BATHROOM	103	37.8 SF
CLOSET	104	13.9 SF
LAUNDRY	105	14.3 SF
UTILITIES	106	6.7 SF
BEDROOM	107	113.7 SF
CLOSET	108	17.7 SF
BEDROOM	109	131 SF
CLOSET	110	14.2 SF
EXT. STORAGE	111	32.1 SF

TIME / DATE: 6/3/2020 8:24:11 PM

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PROJECT INFORMATION
CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

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MURFREESBORO , TENNESSEE 37130

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- ☑ **CONSTRUCTION BIDDING PHASE**
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SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN

DRAWING NO:

A130

BINDING EDGE

BINDING EDGE

BINDING EDGE

2.2.C(u) - DOOR SCHEDULE

Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	FRAME INFORMATION MATERIAL	HDWR SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	CL	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
104	1	1'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
105	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106a	1	2'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	
106b	1	2'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	LOUVERED
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
108	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
109	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
110	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
111	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AAD		3-11 3/4"	1'-11 3/4"					9	

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS, SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (s)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
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7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

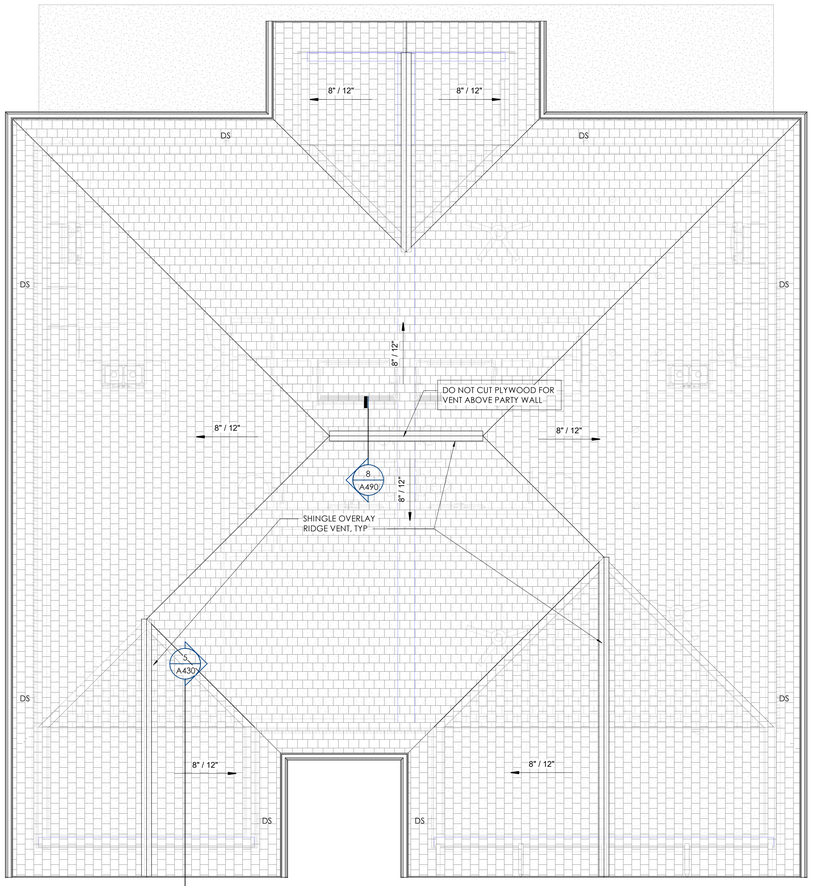
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN LEGEND:

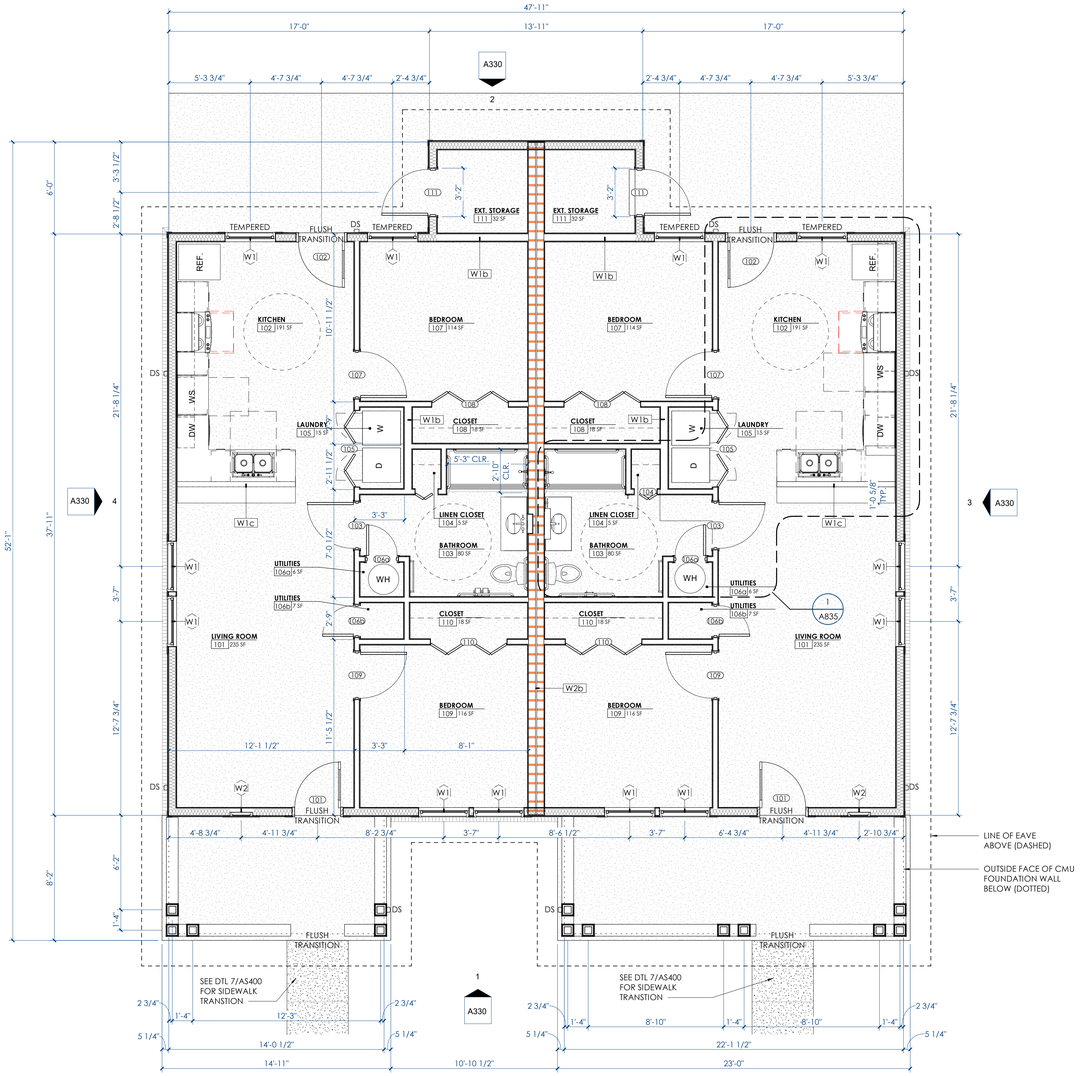
W1a, W1b, W1c, W2a, W2b, W3

SCHEME B - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	ARBORITE, STD. LAMINATE P-1015 UL CARRARA VENATO
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG



2 A135 **2.2.C(u) - 2 BED DUPLEX ROOF PLAN - CRAFTSMAN (UFAS)**
1/4" = 1'-0"



1 A135 **2.2.C(u) - 2 BED DUPLEX PLAN - CRAFTSMAN (UFAS)**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	235.1 SF
KITCHEN	102	191.5 SF
BATHROOM	103	79.7 SF
LINEN CLOSET	104	4.8 SF
LAUNDRY	105	15.2 SF
UTILITIES	106a	6.4 SF
UTILITIES	106b	6.7 SF
BEDROOM	107	113.7 SF
CLOSET	108	17.7 SF
BEDROOM	109	116 SF
CLOSET	110	18.1 SF
EXT. STORAGE	111	32.1 SF

TIME / DATE: 6/3/2020 8:24:26 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS
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KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
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- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE No. 00021 STATE OF TENNESSEE
04 JUNE 2020

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SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.2.C(u) - 2 BED DUPLEX PLAN - CRAFTSMAN (UFAS)

DRAWING NO:

A135

BINDING EDGE

BINDING EDGE

BINDING EDGE

SCHEME D - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 4.2.CO ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (s)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

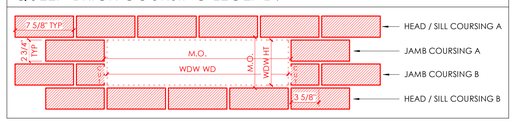
PLAN LEGEND:

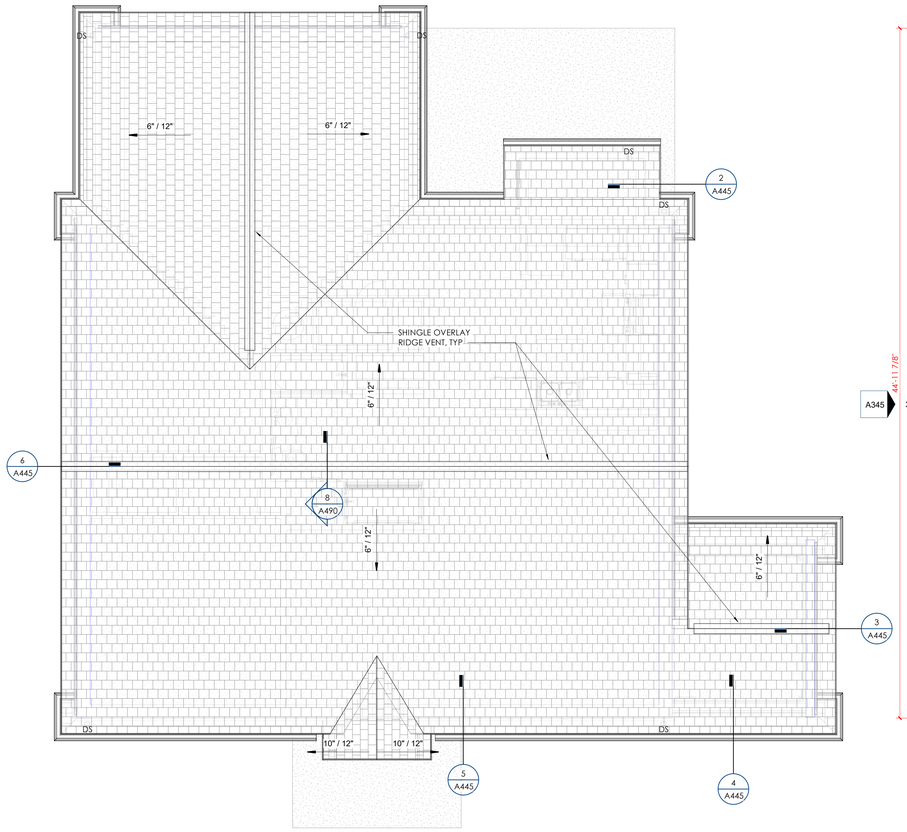
W1a, W1b, W1c, W2a, W2b, W3

3.1.CO(u) - DOOR SCHEDULE

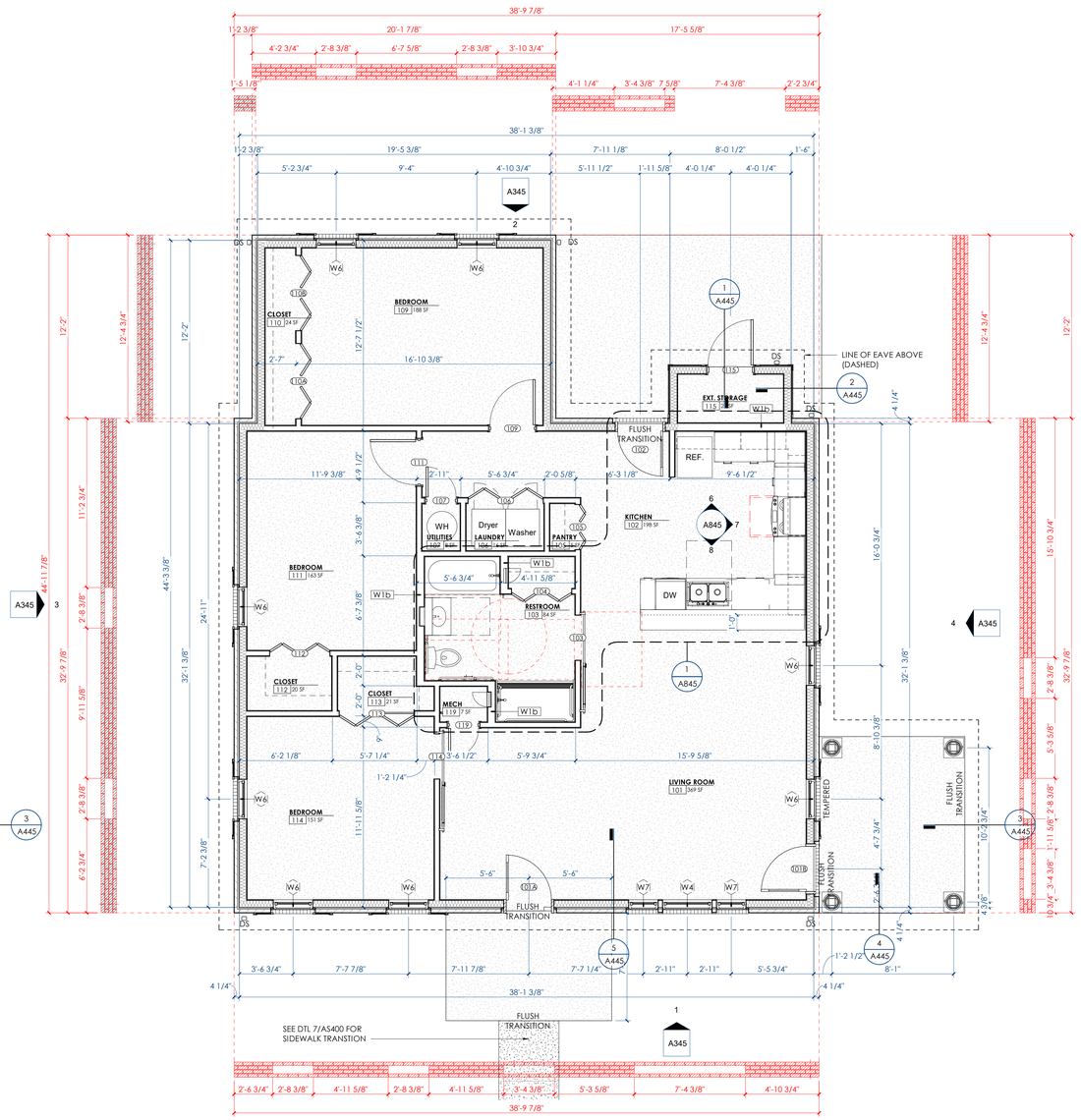
Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	FRAME MATERIAL	HDWR SET NO.	COMMENTS
1st Floor									
101A	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	1	
101B	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
103	1	3'-0"	6'-8"		SCWD	S2P	WD - Wood	8	
104	2	4'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
105	2	3'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
107	1	2'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	
109	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
110A	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
110B	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
111	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
112	2	4'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
113	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
114	1	3'-0"	6'-8"		SCWD	S2P	WD - Wood	8	
115	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
119	1	2'-0"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
AP		1'-0"	1'-0"					9	

QUEEN BRICK COURSING LEGEND:





2 A145 3.1.CO(u) - 3 BED SINGLE ROOF PLAN - COLONIAL (UFAS)
1/4" = 1'-0"



1 A145 3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS)
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	368.7 SF
KITCHEN	102	197.7 SF
RESTROOM	103	84 SF
LINEN CLOSET	104	9.3 SF
PANTRY	105	5.2 SF
LAUNDRY	106	16.2 SF
UTILITIES	107	7.9 SF
CORRIDOR	108	46.3 SF
BEDROOM	109	188.5 SF
CLOSET	110	23.8 SF
BEDROOM	111	163.1 SF
CLOSET	112	20.2 SF
CLOSET	113	20.7 SF
BEDROOM	114	150.7 SF
EXT. STORAGE	115	22.7 SF
MECH	119	7.4 SF

TIME / DATE: 6/3/2020 8:24:44 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE No. 102021 STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

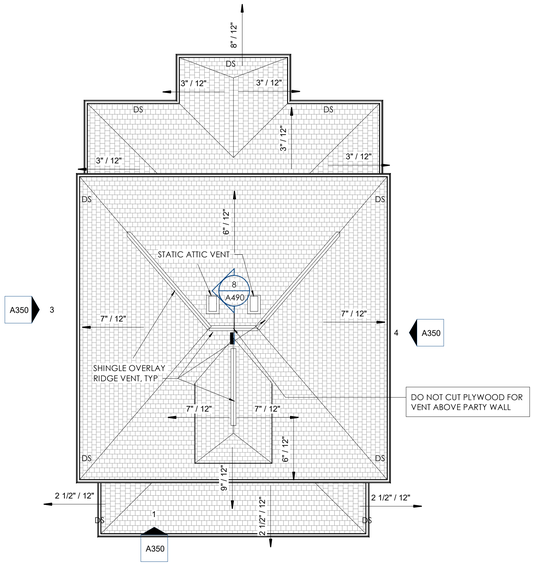
No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS)

DRAWING NO:
A145



3 / A150 **3.2.Fa - 3 BED DUPLEX ROOF PLAN - 4 SQUARE**
1/8" = 1'-0"

3.2.F(a/b) - DOOR SCHEDULE

Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	FRAME INFORMATION MATERIAL	HDWR SET NO.	COMMENTS
AP		1'-0"	1'-0"					9	
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	1	
103	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
105	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
107	1	4'-0"	6'-8"		SCWD	S2P	WD - Wood	6	
108	1	2'-4"	5'-2"	1 3/4"	SCWD	2P	WD - Wood	2	
109	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AP		1'-0"	1'-0"					9	
Second Floor									
203	1	1'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
204	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
205	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
206	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
207	1	2'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
208	1	2'-0"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	5	
209	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
210	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
211	1	2'-4"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
AAD		3'-11 3/4"	1'-11 3/4"					9	

DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

SCHEME F - FINISH LEGEND

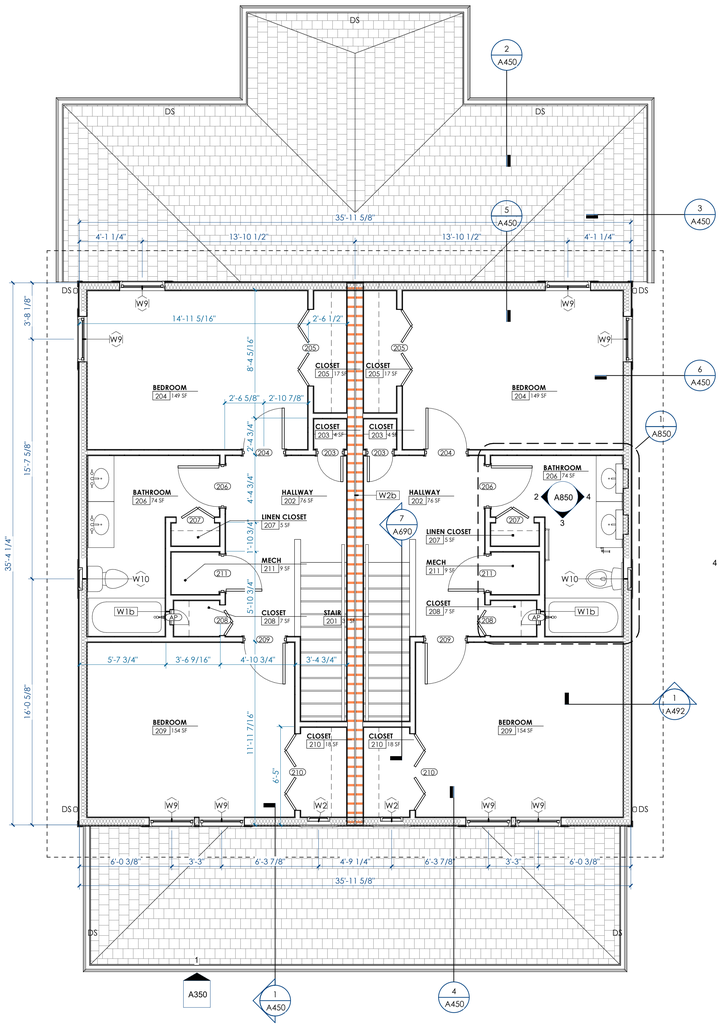
ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: ARROWHEAD CREEK, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4925K-07 CALCUTTA MARBLE, TEXTURED GLOSS
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 3.2.Fa ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

PLAN NOTES

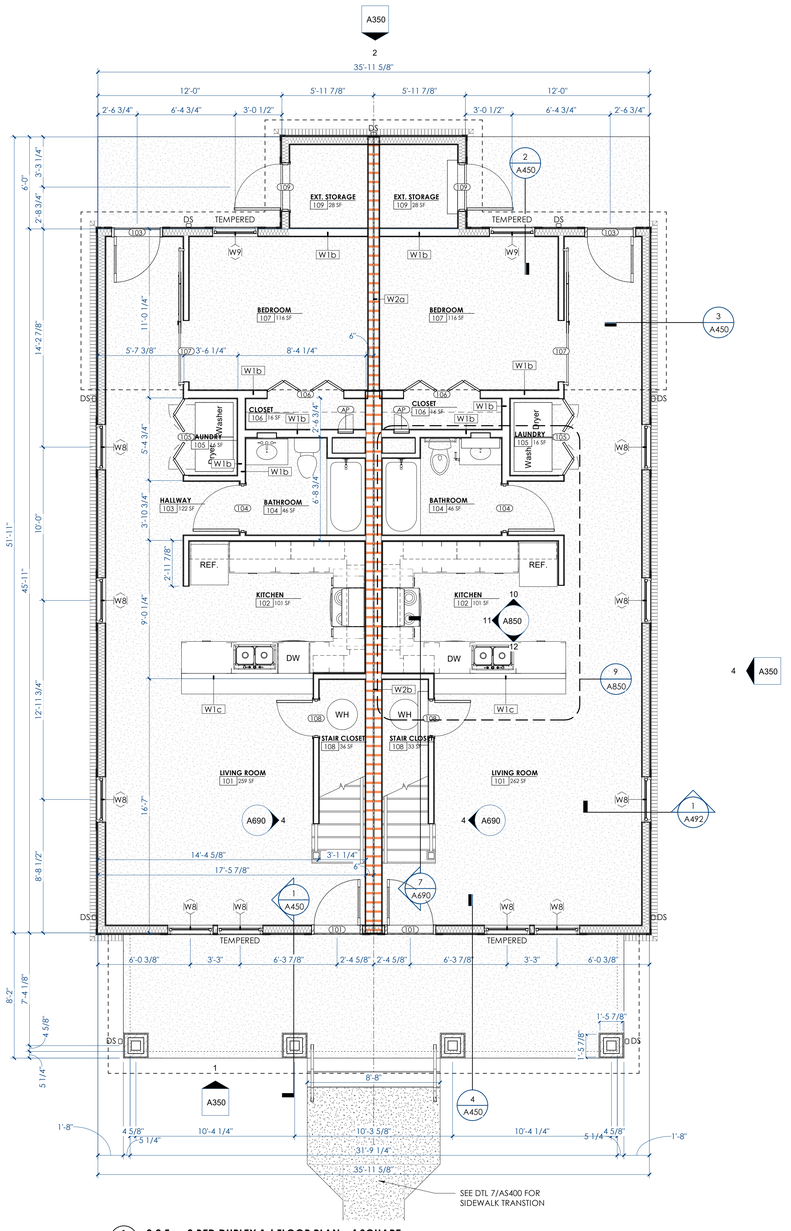
1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

PLAN LEGEND:

W1a, W1b, W1c, W2a, W2b, W3



2 / A150 **3.2.Fa - 3 BED DUPLEX 2nd FLOOR PLAN - 4 SQUARE**
1/4" = 1'-0"



1 / A150 **3.2.Fa - 3 BED DUPLEX 1st FLOOR PLAN - 4 SQUARE**
1/4" = 1'-0"

SEE DTL 7/AS400 FOR SIDEWALK TRANSITION

Name	Number	Area
LIVING ROOM	101	368.7 SF
KITCHEN	102	197.7 SF
RESTROOM	103	84 SF
LINEN CLOSET	104	9.3 SF
PANTRY	105	5.2 SF
LAUNDRY	106	16.2 SF
UTILITIES	107	7.9 SF
CORRIDOR	108	46.3 SF
BEDROOM	109	188.5 SF
CLOSET	110	23.8 SF
BEDROOM	111	163.1 SF
CLOSET	112	20.2 SF
CLOSET	113	20.7 SF
BEDROOM	114	150.7 SF
EXT. STORAGE	115	22.7 SF
MECH	119	7.4 SF

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:25:03 PM

McCARTY HOLSAPLE McCARTY
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE 4270 04 JUNE 2020 STATE OF TENNESSEE

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

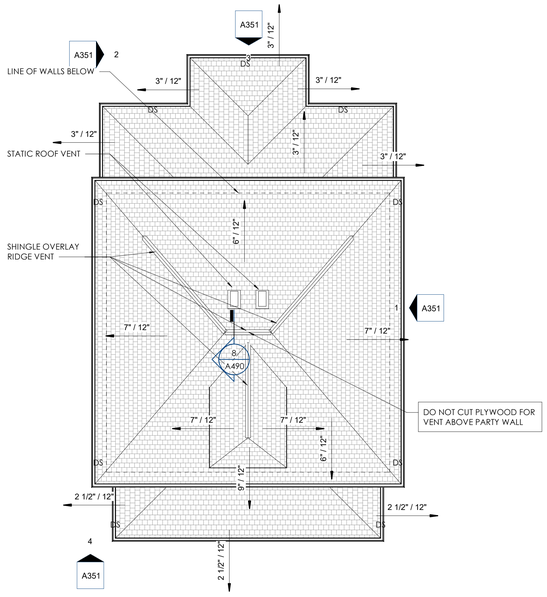
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / .
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

3.2.Fa - 3 BED DUPLEX PLAN - 4 SQUARE

DRAWING NO:

A150



3 A151 **3.2.Fb - 3 BED DUPLEX ROOF PLAN - 4 SQUARE (BRICK)**
1/8" = 1'-0"

3.2.F(a/b) - DOOR SCHEDULE									
	DOOR LEAF INFORMATION						FRAME INFORMATION	HDWR	
Mark (Door Number)	QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL	SET NO.	COMMENTS
AP		1'-0"	1'-0"					9	
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	1	
103	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
105	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
107	1	4'-0"	6'-8"		SCWD	S2P	WD - Wood	6	
108	1	2'-4"	5'-2"	1 3/4"	SCWD	2P	WD - Wood	2	
109	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AP		1'-0"	1'-0"					9	
Second Floor									
203	1	1'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
204	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
205	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
206	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
207	1	2'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
208	1	2'-0"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	5	
209	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
210	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
211	1	2'-4"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
AAD		3'-11 3/4"	1'-11 3/4"					9	

SCHEME E - FINISH LEGEND				
ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	FORMICA, STD, LAMINATE 6314-AN NEO CLOUD, INFINITI FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG
	STR	INTERIOR STAIR	HOUSE 3.2.Fb ONLY	TREADS, HANDRAIL, NEWEL, BALUSTERS, RISERS, & STRINGERS: PTD TO MATCH MW-2 (SLATE)

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (±)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

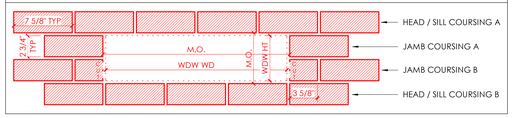
DOOR NOTES:

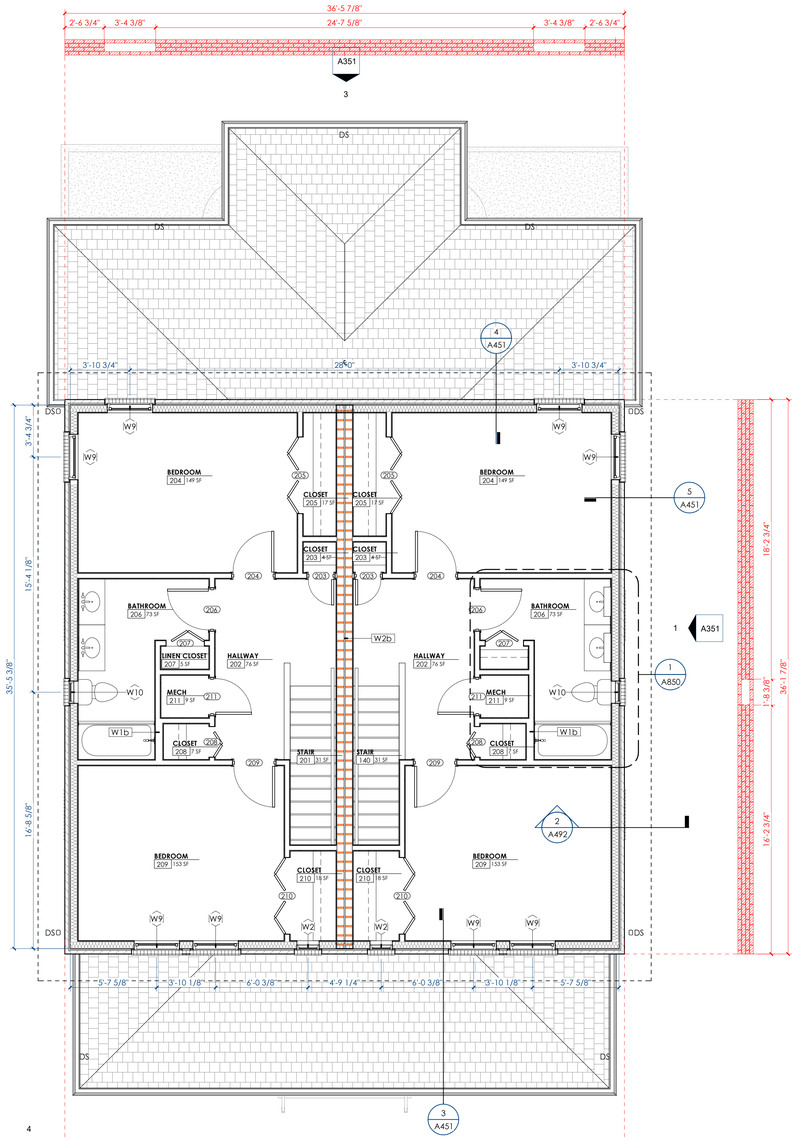
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN LEGEND:

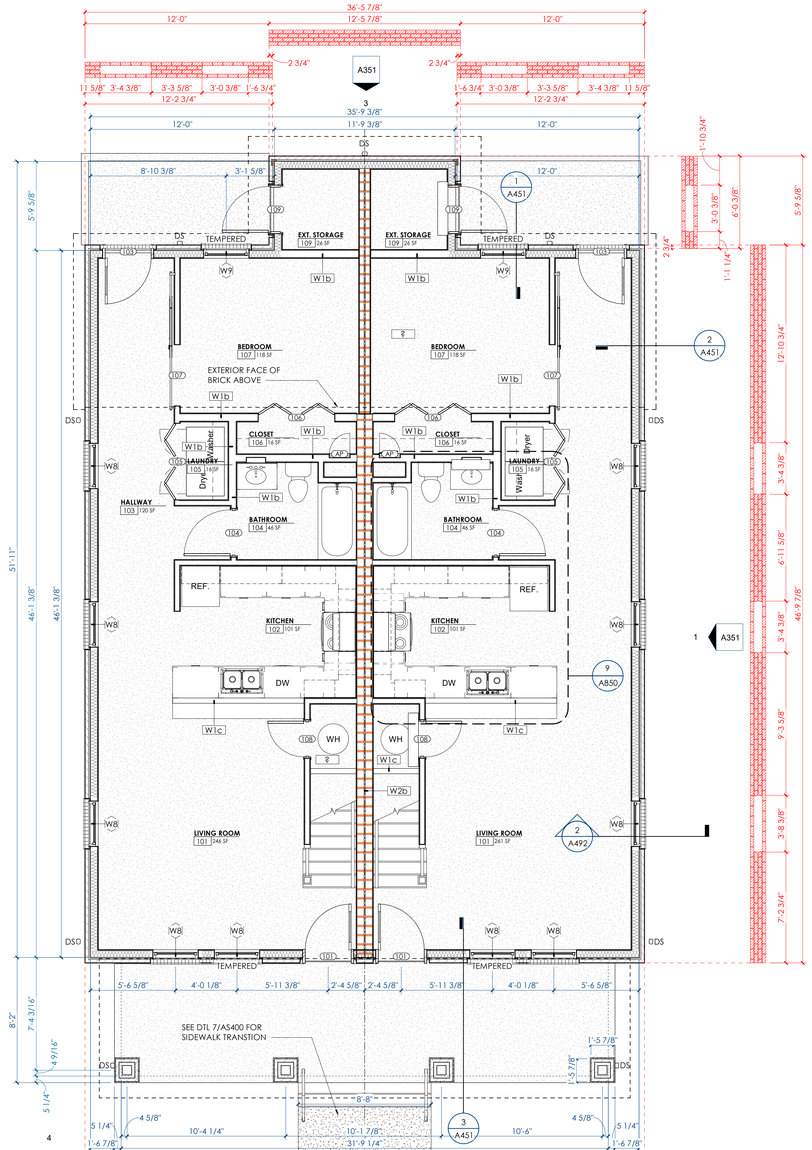
W1a W1b W1c W2a W2b W3

QUEEN BRICK COURSING LEGEND:





2 A151 **3.2.Fb - 3 BED DUPLEX 2nd FLOOR PLAN - 4 SQUARE (BRICK)**
1/4" = 1'-0"



1 A151 **3.2.Fb - 3 BED DUPLEX 1st FLOOR PLAN - 4 SQUARE (BRICK)**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	368.7 SF
KITCHEN	102	197.7 SF
RESTROOM	103	84 SF
LINEN CLOSET	104	9.3 SF
PANTRY	105	5.2 SF
LAUNDRY	106	16.2 SF
UTILITIES	107	7.9 SF
CORRIDOR	108	46.3 SF
BEDROOM	109	188.5 SF
CLOSET	110	23.8 SF
BEDROOM	111	163.1 SF
CLOSET	112	20.2 SF
CLOSET	113	20.7 SF
BEDROOM	114	150.7 SF
EXT. STORAGE	115	22.7 SF
MECH	119	7.4 SF

TIME / DATE: 6/3/2020 8:25:25 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS
19035
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PROJECT INFORMATION
CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

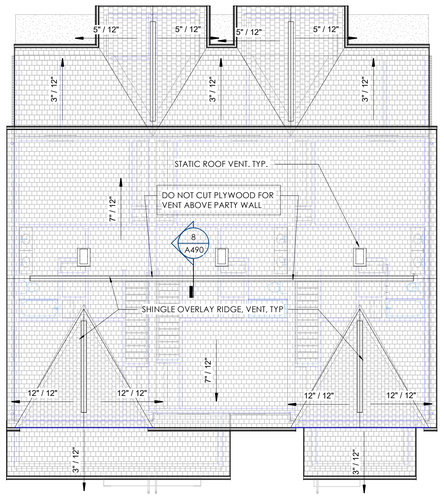
No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
3.2.Fb - 3 BED DUPLEX PLAN - 4 SQUARE (BRICK)

DRAWING NO:
A151



3 A160 **3.3.V - ROOF PLAN**
1/8" = 1'-0"

3.3.V - DOOR SCHEDULE									
Mark (Door Number)	DOOR LEAF INFORMATION						FRAME	HDWR	COMMENTS
	QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL	SET NO.	
AP		1'-0"	1'-0"						
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	4L2P	WD - Wood	1	
103	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
104	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
105	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
106	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
107	1	4'-0"	6'-8"		SCWD	S2P	WD - Wood	6	
108	1	2'-4"	5'-2"	1 3/4"	SCWD	2P	WD - Wood	2	
109	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AP		1'-0"	1'-0"					9	
Second Floor									
203	1	1'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
204	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
205	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
206	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
207	1	2'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
208	1	2'-0"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood		
209	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
210	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
211	1	2'-4"	6'-8"	1 3/4"	SCWD	L	WD - Wood	2	LOUVERED
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS, SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (ϵ)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

DOOR NOTES:

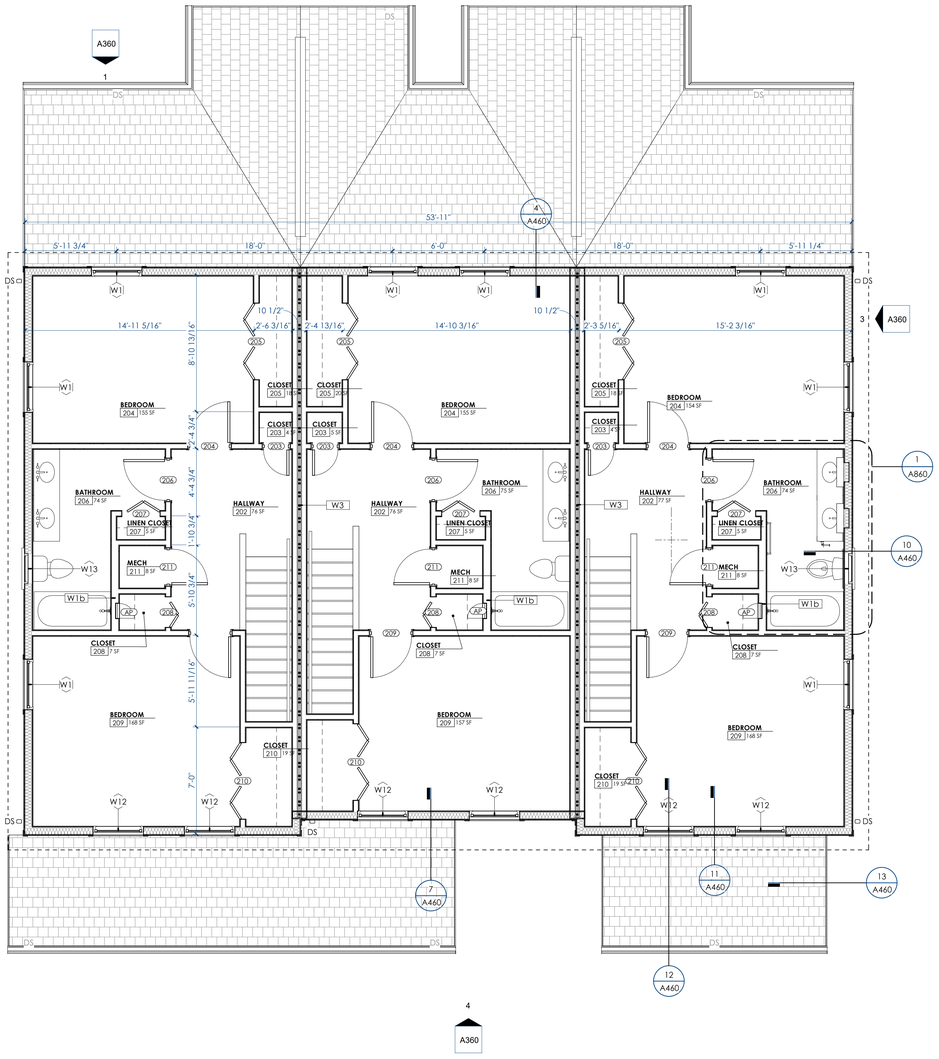
1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM.. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

PLAN LEGEND:

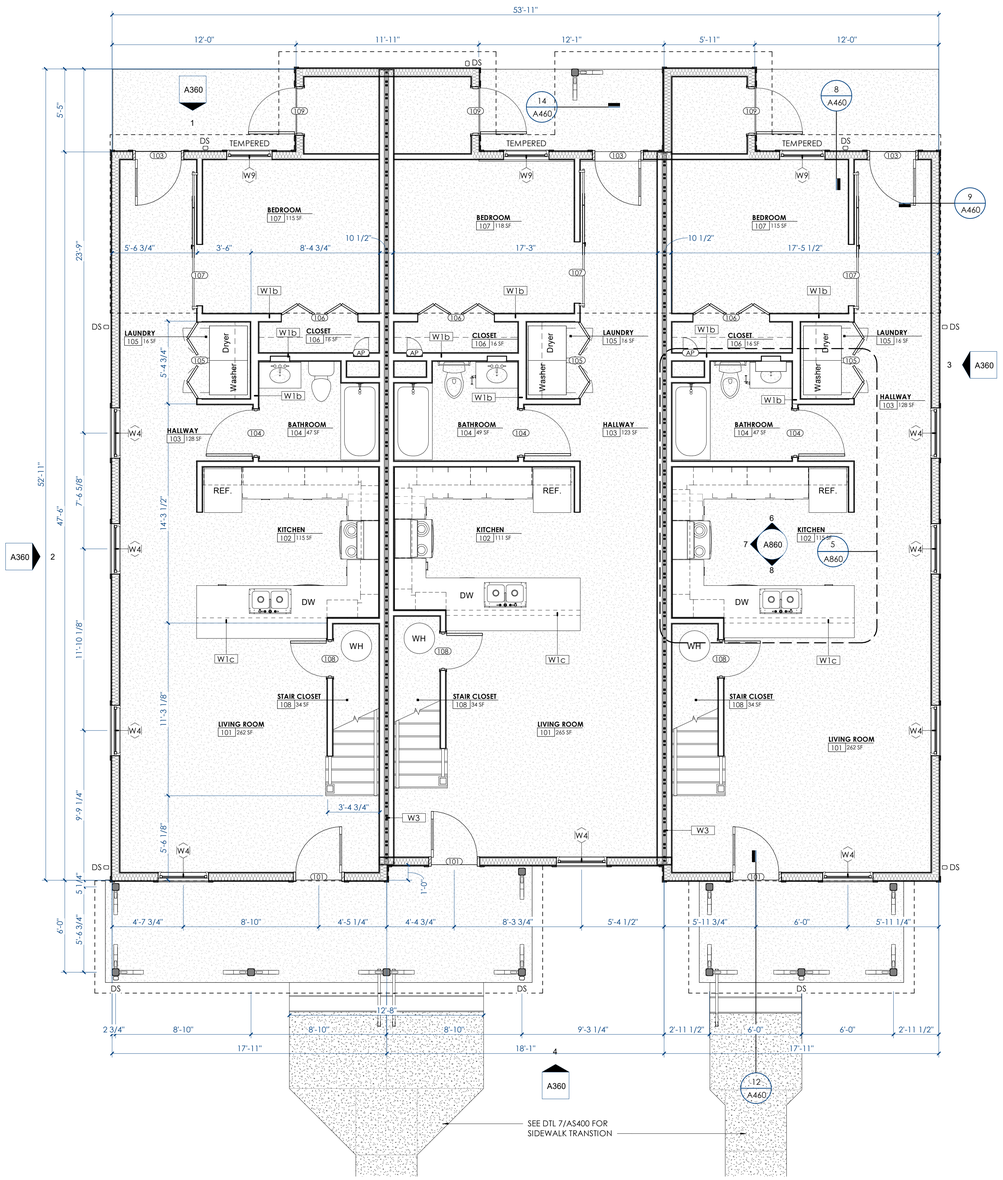
W1a, W1b, W1c, W2a, W2b, W3

SCHEME C - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE TYPES 3.3.V, 4.2.V, & 5.1.T ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3



2 A160 **3 BED TRIPLEX - 2nd FLOOR PLAN - VICTORIAN**
1/4" = 1'-0"



1 A160 **3 BED TRIPLEX - 1st FLOOR PLAN - VICTORIAN**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	
KITCHEN	102	
HALLWAY	103	
BATHROOM	104	
LAUNDRY	105	15.5 SF
CLOSET	106	
BEDROOM	107	
STAIR CLOSET	108	33.6 SF
EXT. STORAGE	109	
STAIR	201	32.3 SF
HALLWAY	202	
CLOSET	203	
BEDROOM	204	
CLOSET	205	
BATHROOM	206	
LINEN CLOSET	207	
CLOSET	208	7 SF
BEDROOM	209	
CLOSET	210	
MECH	211	

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:25:49 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
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INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT No. 102021 STATE OF TENNESSEE
04 JUNE 2020

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KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

3.3.V - 3 BED TRIPLEX PLAN - VICTORIAN

DRAWING NO: **A160**

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

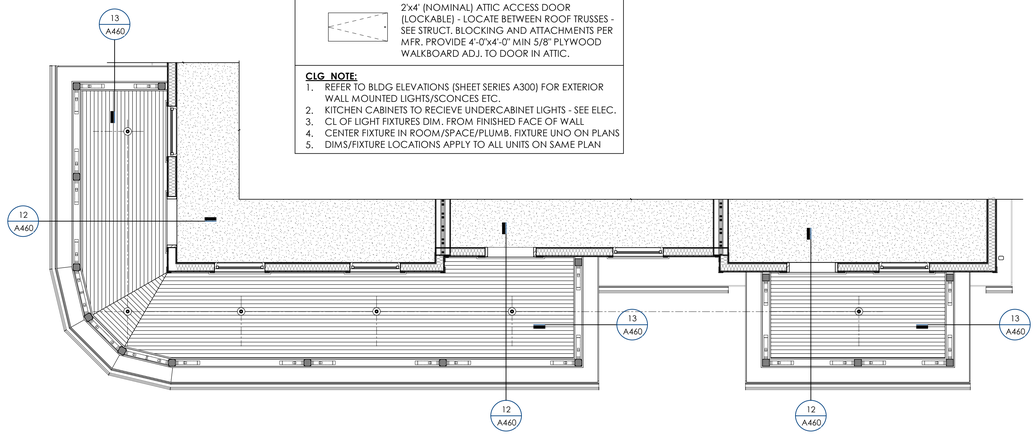
2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0'x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

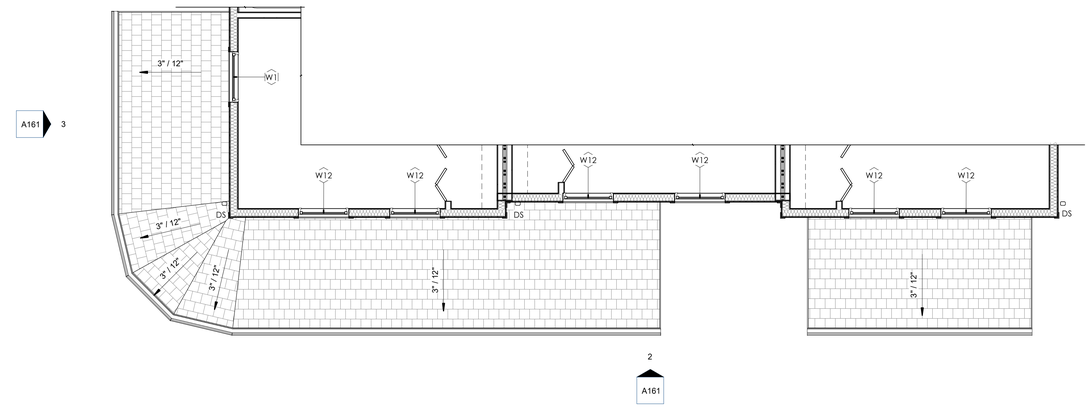
1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN

PLAN NOTES

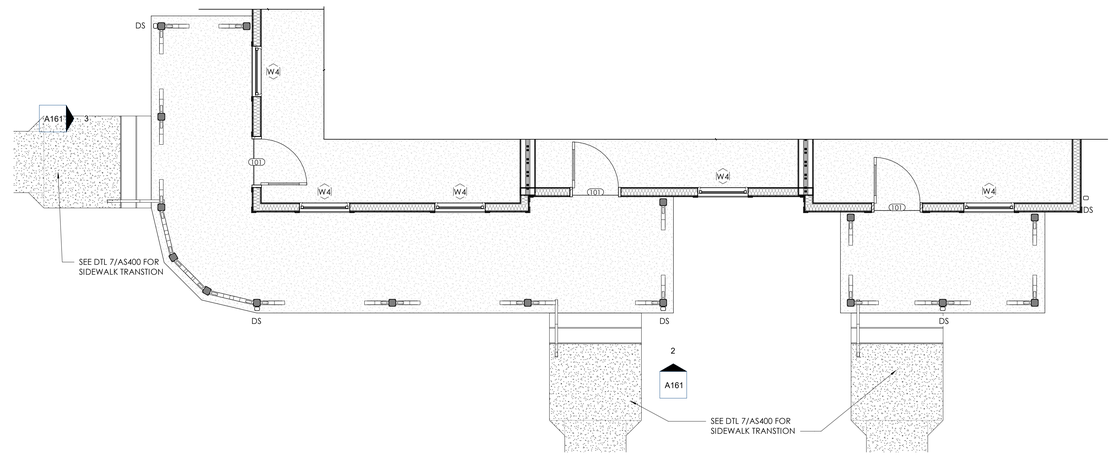
1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (6)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE



4 A161 **3.3.V - 3 BED TRIPLEX 1st FLOOR RCP - VICTORIAN - ALTERNATE PORCH**
1/4" = 1'-0"



5 A161 **3 BED TRIPLEX - 2nd FLOOR PLAN - VICTORIAN Copy 1**
1/4" = 1'-0"



1 A161 **3 BED TRIPLEX - 1st FLOOR PLAN - VICTORIAN ALTERNATE PORCH**
1/4" = 1'-0"

2 A161 **3.3.V - ALT. SOUTH ELEVATION**
1/4" = 1'-0"

3 A161 **3.3.V - ALT. WEST ELEVATION**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:26:04 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

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KEY PLAN:

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SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

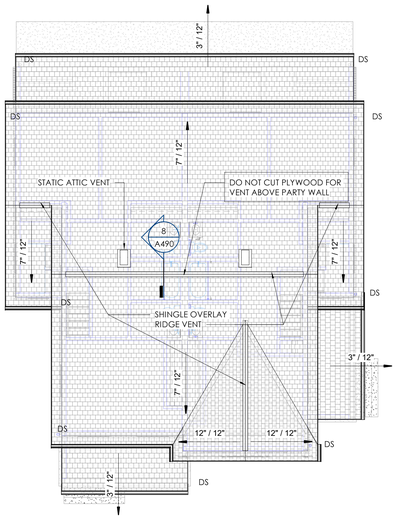
DRAWING TITLE:

3.3.Vb - ALTERNATE PORCH PLANS, ELEVATIONS, & RCP

DRAWING NO:

A161

BINDING EDGE



3 A170 **4.2.V - 4 BED DUPLEX ROOF PLAN - VICTORIAN**
1/8" = 1'-0"

4.2.V - DOOR SCHEDULE									
Mark (Door Number)	DOOR LEAF INFORMATION						FRAME	HDWR	COMMENTS
	QTY	WIDTH	HEIGHT	THICKNESS	MATERIAL	TYPE	MATERIAL	SET NO.	
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"		PL2P	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
104	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
105	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
106	1	2'-8"	6'-8"	1 3/4"	SCWD	F	WD - Wood	2	
108	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
109	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
110	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AP		1'-0"	1'-0"					9	
Second Floor									
202	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
203A	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
203B	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
204	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
205	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
206	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
206a	2	4'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
207	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
208	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	8	
209	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
210	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
211	1	2'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	
212	1	1'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (s)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

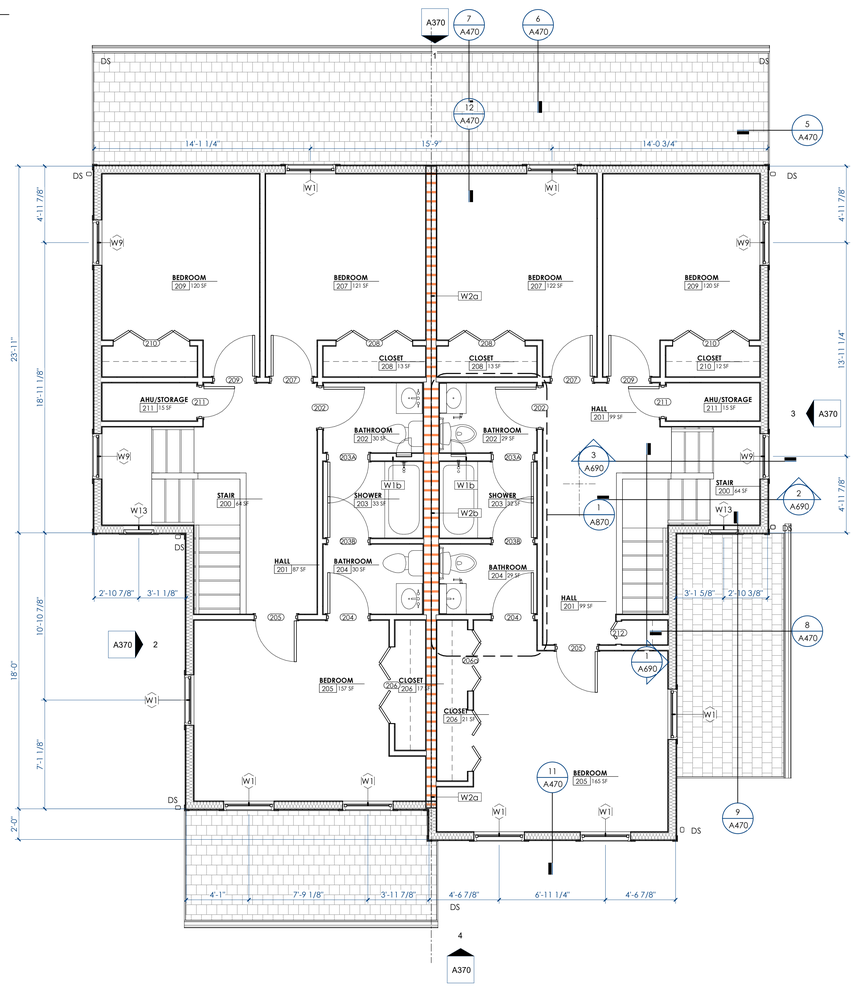
DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

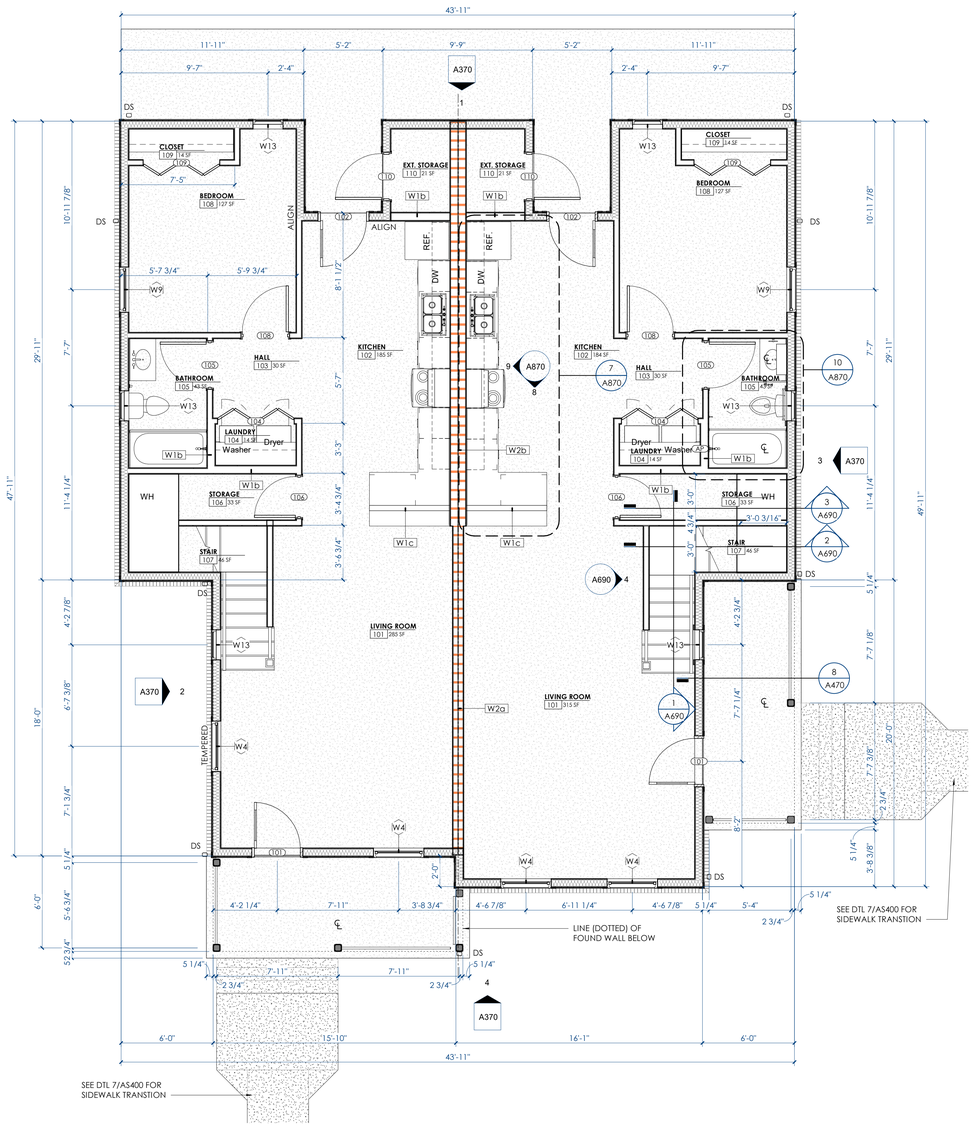
PLAN LEGEND:

W1a, W1b, W1c, W2a, W2b, W3

SCHEME C - FINISH LEGEND				
ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD, LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE TYPES 3.3.V, 4.2.V, & 5.1.T ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3



2 A170 **4.2.V - 4 BED DUPLEX 2nd FLOOR PLAN - VICTORIAN**
1/4" = 1'-0"



1 A170 **4.2.V - 4 BED DUPLEX 1st FLOOR PLAN - VICTORIAN**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	
KITCHEN	102	
HALL	103	30 SF
LAUNDRY	104	13.9 SF
BATHROOM	105	42.2 SF
STORAGE	106	32.3 SF
STAIR	107	
BEDROOM	108	124.9 SF
	109	
EXT. STORAGE	110	19.6 SF
STAIR	200	
HALL	201	
BATHROOM	202	
SHOWER	203	
BATHROOM	204	
BEDROOM	205	
CLOSET	206	
BEDROOM	207	
CLOSET	208	
BEDROOM	209	
CLOSET	210	12.2 SF
AHU/STORAGE	211	
CLOSET	212	4.7 SF

TIME / DATE: 6/3/2020 8:24:28 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS
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INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGREEMENT NO. 102021 STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

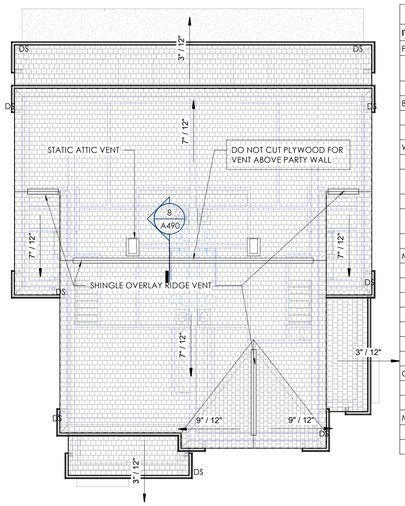
DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
4.2.V - 4 BED DUPLEX PLAN - VICTORIAN

DRAWING NO:
A170

BINDING EDGE

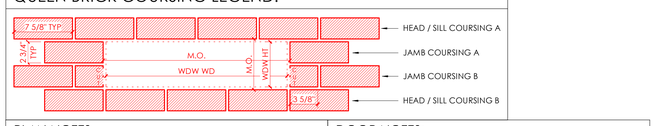


3 A171 **4.2.CO - 4 BED DUPLEX ROOF PLAN - COLONIAL**
1/8" = 1'-0"

SCHEME D - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 4.2.CO ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

QUEEN BRICK COURSING LEGEND:



PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

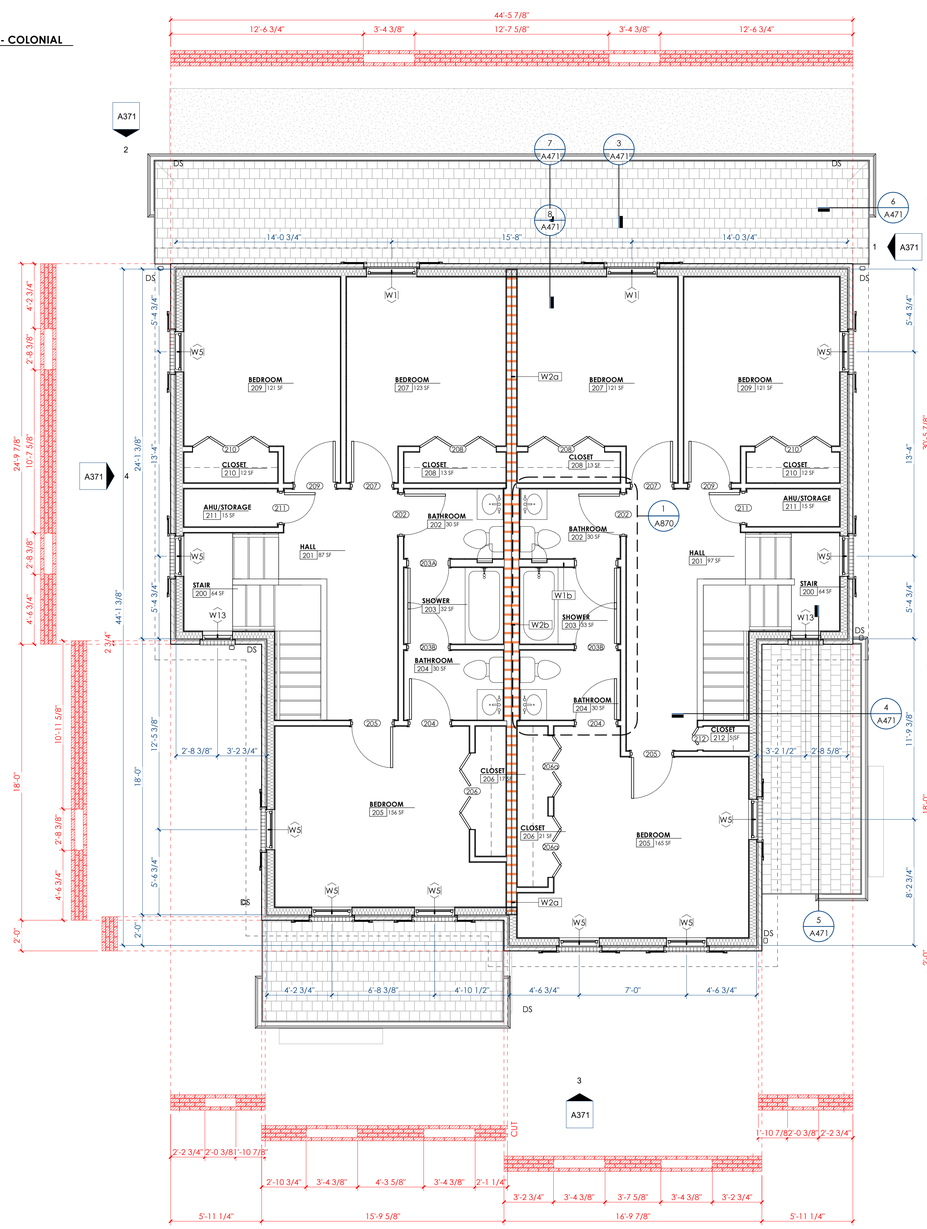
DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

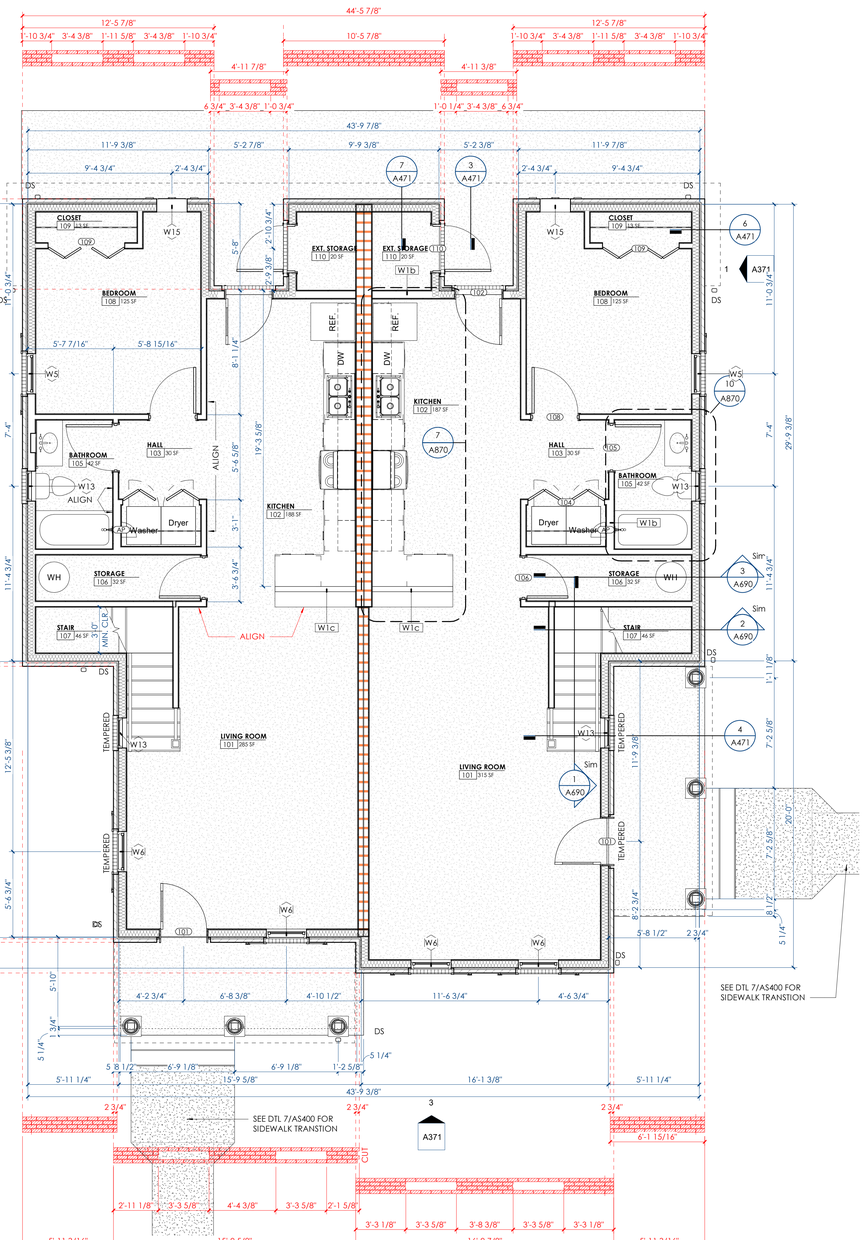
PLAN LEGEND:

4.2.CO - DOOR SCHEDULE

Mark (Door Number)	DOOR LEAF INFORMATION QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	FRAME MAT'L	HDWR SET NO.	COMMENTS
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	12L2P	WD - Wood	1	
102	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
104	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
105	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
106	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	
108	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
109	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
110	1	3'-0"	6'-8"	1 3/4"	STL	F	WD - Wood	2	
AP		1'-0"	1'-0"					9	
Second Floor									
202	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
203A	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
203B	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
204	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
205	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
206	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
206a	2	4'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
207	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
208	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
209	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
210	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
211	1	2'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	
212	1	1'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	



2 A171 **4.2.CO - 4 BED DUPLEX 2nd FLOOR PLAN - COLONIAL**
1/4" = 1'-0"



1 A171 **4.2.CO - 4 BED DUPLEX 1sT FLOOR PLAN - COLONIAL**
1/4" = 1'-0"

Name	Number	Area
LIVING ROOM	101	
KITCHEN	102	
HALL	103	30.5F
LAUNDRY	104	13.9 SF
BATHROOM	105	42.2 SF
STORAGE	106	32.3 SF
STAIR	107	
BEDROOM	108	124.9 SF
	109	
EXT. STORAGE	110	19.6 SF
STAIR	200	
HALL	201	
BATHROOM	202	
SHOWER	203	
BATHROOM	204	
BEDROOM	205	
CLOSET	206	
BEDROOM	207	
CLOSET	208	
BEDROOM	209	
CLOSET	210	12.2 SF
AHU/STORAGE	211	
CLOSET	212	4.7 SF

TIME / DATE: 6/3/2020 8:26:49 PM

BINDING EDGE

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

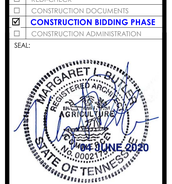
PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

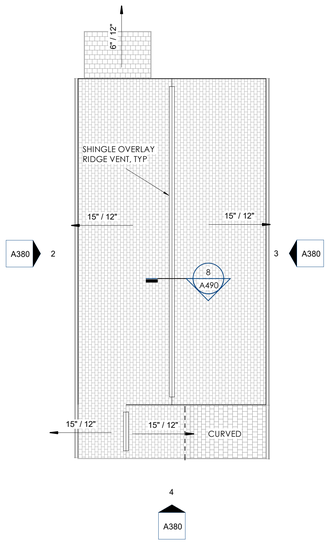
No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:
4.2.CO - 4 BED DUPLEX PLAN - COLONIAL

DRAWING NO: **A171**



3 A180 **5.1.T - ROOF PLAN**
1/8" = 1'-0"

5.1.T - DOOR SCHEDULE									
Mark (Door Number)	DOOR LEAF INFORMATION						FRAME	HDWR	COMMENTS
	QTY	WIDTH	HEIGHT	THICKNESS	MAT'L	TYPE	MAT'L	SET NO.	
1st Floor									
101	1	3'-0"	6'-8"	1 3/4"	STL	12L2P	WD - Wood	1	
103	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
104	1	2'-6"	6'-0"	1 3/4"	SCWD	2P	WD - Wood	2	
105	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
106	1	1'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
107	1	3'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	4	
108	1	3'-0"	6'-8"	1 3/4"	STL	FG	WD - Wood	2	
109	1	4'-0"	6'-8"		SCWD	S2P	WD - Wood	6	
110A	2	4'-0"	7'-0"	1 1/2"	SCWD		WD - Wood	5	
110B	2	4'-0"	7'-0"	1 1/2"	SCWD		WD - Wood	5	
111	1	3'-0"	6'-8"	1 3/4"	STL	PL2P	WD - Wood	2	
MO		4'-0 3/8"	6'-0"		-		-	-	
Second Floor									
202	1	2'-0"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	2	
203	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
204	1	1'-6"	6'-8"	1 1/2"	SCWD	B2P	WD - Wood	7	
205	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
206	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
207	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
208	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
209	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
210	2	5'-0"	6'-8"	1 1/2"	SCWD	B4P	WD - Wood	5	
211	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
212	1	2'-8"	6'-8"	1 3/4"	SCWD	2P	WD - Wood	3	
213		2'-10"	6'-8"	1 1/2"	SCWD		WD - Wood	8	
AAD		3'-11 3/4"	1'-11 3/4"					9	
AP		1'-0"	1'-0"					9	

SCHEME C - FINISH LEGEND				
ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE TYPES 3.3.V, 4.2.V, & 5.1.T ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

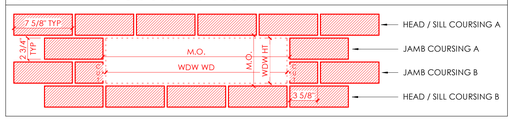
DOOR NOTES:

1. ALL INTERIOR DOORS HEAD/JAMB/SILL DETAILS SIM. - SEE SHEET A791 - REFER TO A400 SHEETS FOR INDIVIDUAL BLDGS ENTRY DOOR H/J/S DTLS
2. ALL INTERIOR DOOR FRAMES TO BE PREHUNG

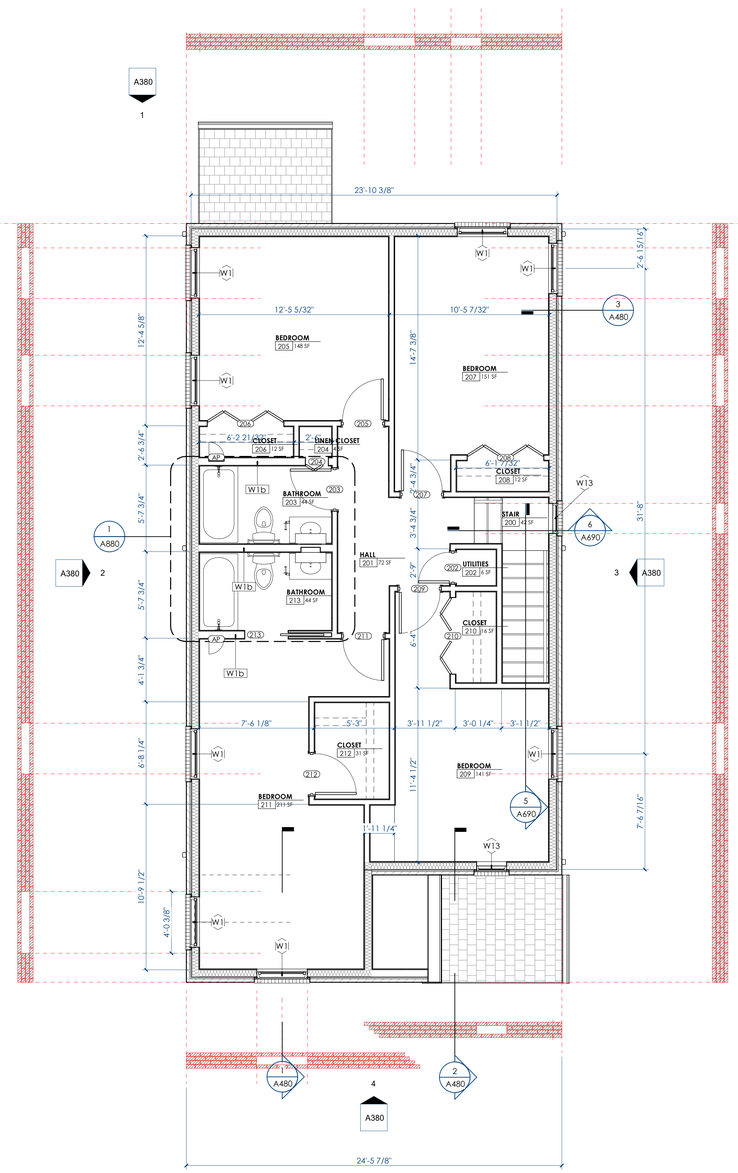
PLAN LEGEND:

W1a W2a
W1b W2b
W1c W3

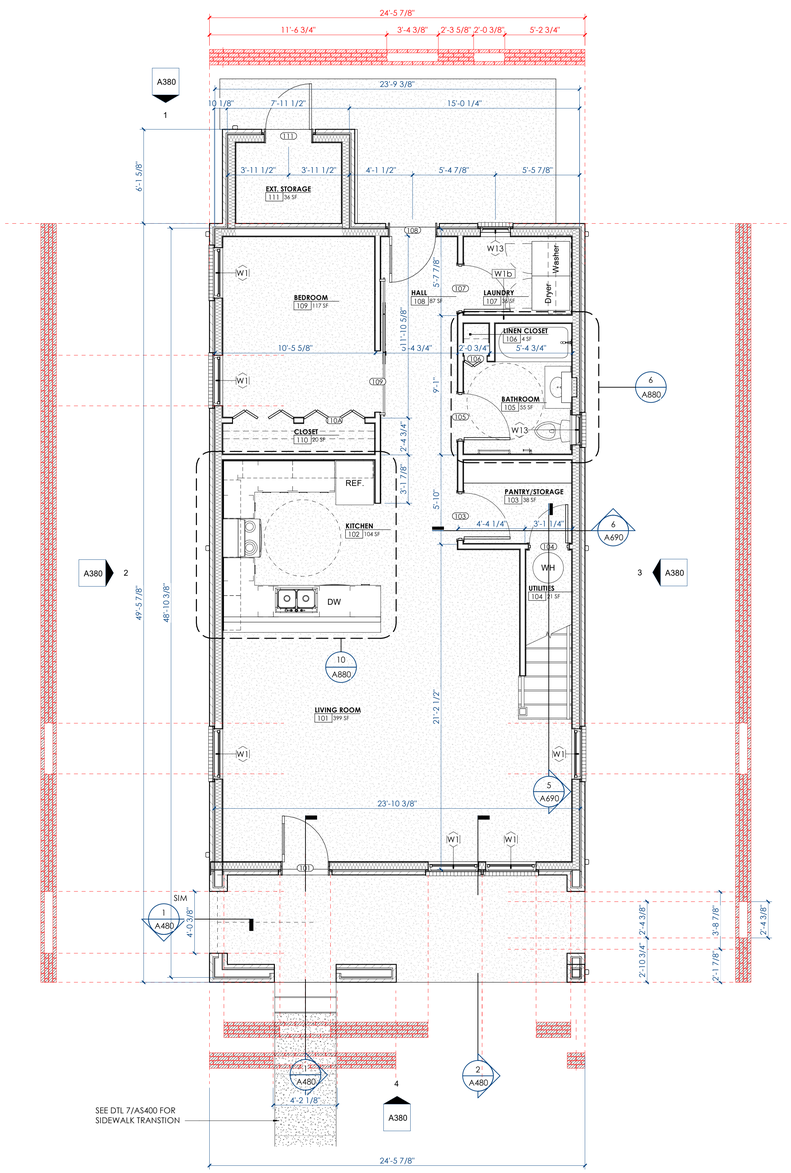
QUEEN BRICK COURSING LEGEND:



NAME	Number	Area
LIVING ROOM	101	399.3 SF
KITCHEN	102	104.2 SF
PANTRY/STORAGE	103	38.4 SF
UTILITIES	104	20.6 SF
BATHROOM	105	55 SF
LINEN CLOSET	106	3.5 SF
LAUNDRY	107	36 SF
HALL	108	86.9 SF
BEDROOM	109	116.7 SF
CLOSET	110	19.8 SF
EXT. STORAGE	111	36.3 SF
STAIR	200	42 SF
HALL	201	72.4 SF
UTILITIES	202	6.2 SF
BATHROOM	203	43.8 SF
LINEN CLOSET	204	4.2 SF
BEDROOM	205	147.8 SF
CLOSET	206	12.2 SF
BEDROOM	207	151.5 SF
CLOSET	208	12 SF
BEDROOM	209	141.3 SF
CLOSET	210	15.6 SF
BEDROOM	211	211.4 SF
CLOSET	212	30.5 SF
BATHROOM	213	43.8 SF



2 A180 **5.1.T - 5 BED SINGLE 2nd FLOOR PLAN - TUDOR**
1/4" = 1'-0"



1 A180 **5.1.T - 5 BED SINGLE 1st FLOOR PLAN - TUDOR**
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:27:09 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	

5.1.T - 5 BED SINGLE PLAN - TUDOR

DRAWING NO: **A180**

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"

CLG TAG

CLG HT AFF

CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

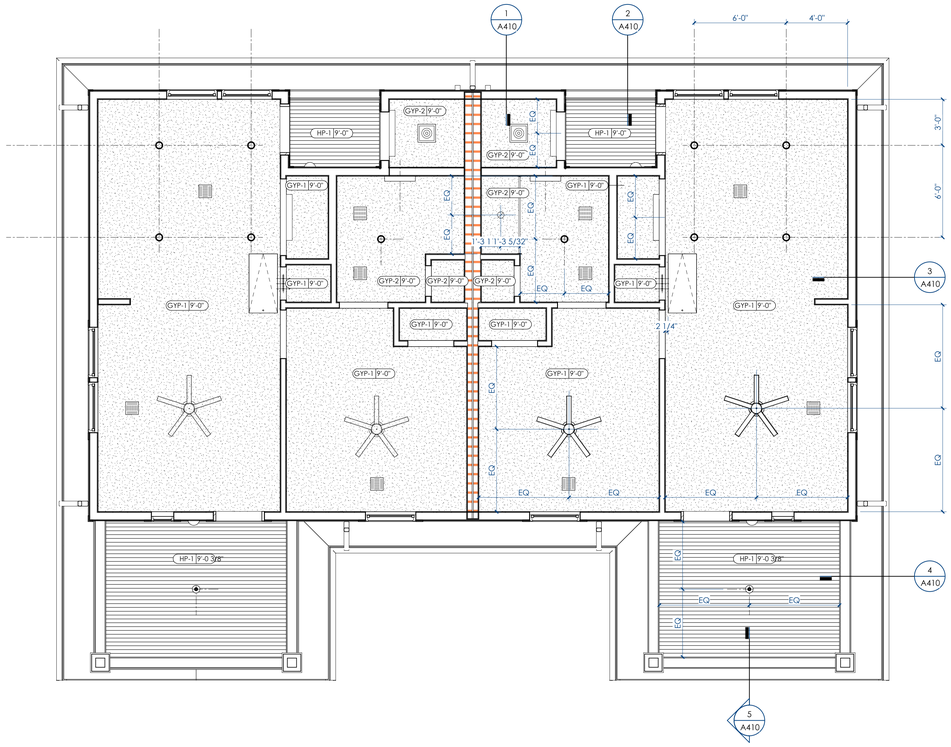
CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 A210 **1.2.C - 1 BED DUPLEX RCP - CRAFTSMAN**
1/4" = 1'-0"

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.C - 1 BED DUPLEX RCP - CRAFTSMAN

DRAWING NO:

A210

TIME / DATE: 6/3/2020 8:29:17 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"

CLG TAG

CLG HT AFF

CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

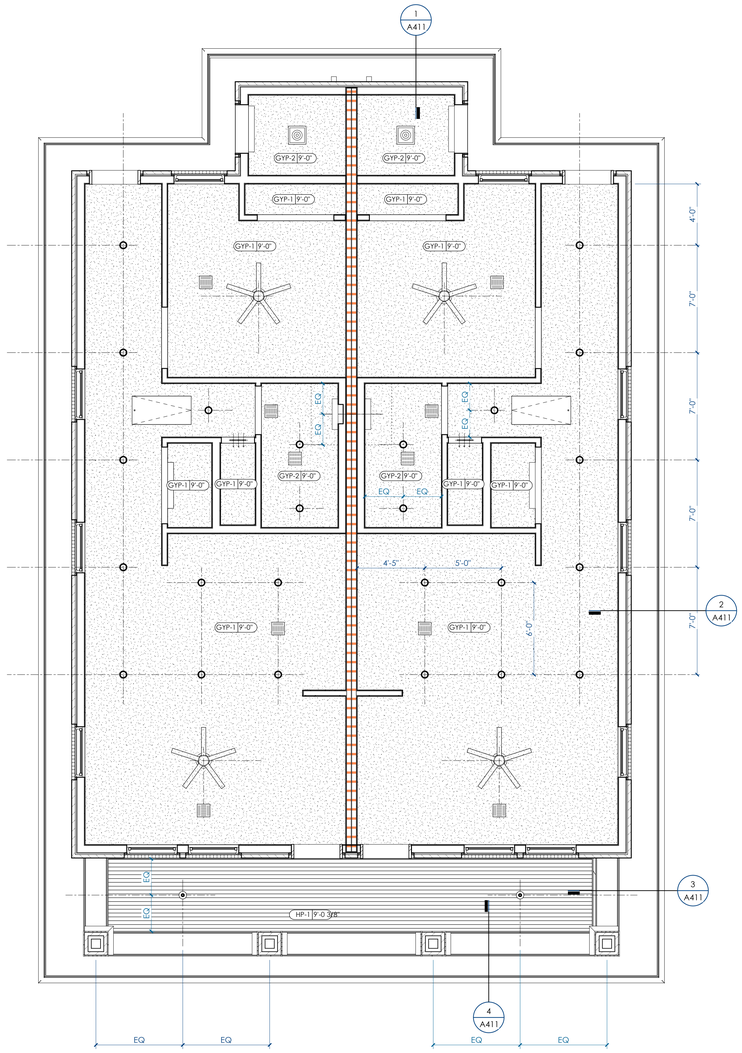
CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 A211 **1.2.F - 1 BED DUPLEX RCP - 4 SQUARE**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:27:23 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

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PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.F - 1 BED DUPLEX RCP - 4 SQUARE

DRAWING NO:

A211

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"

CLG TAG

CLG HT AFF

CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

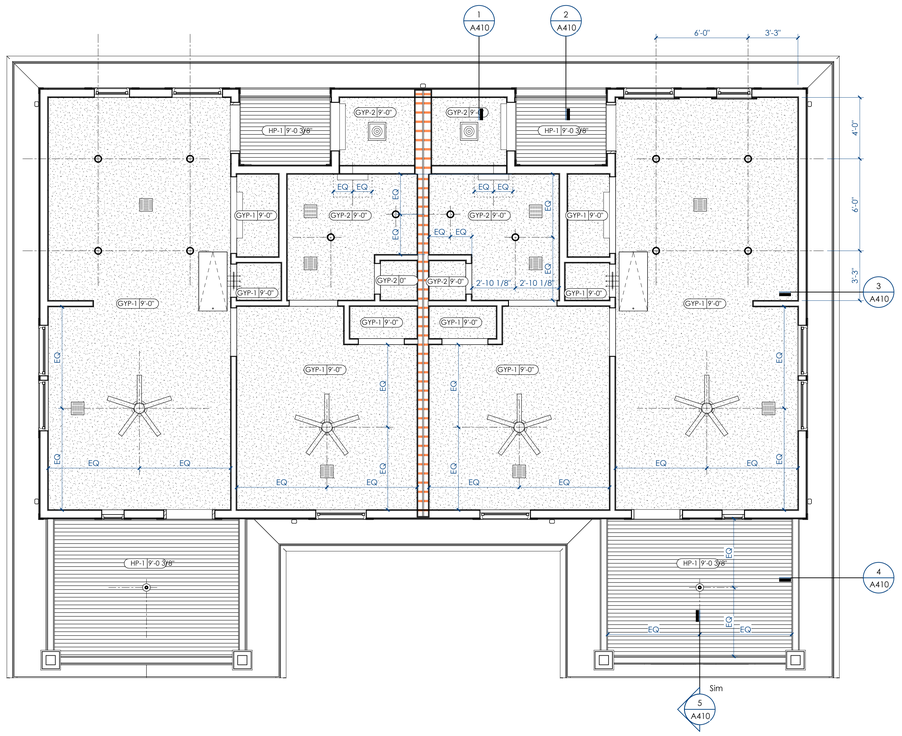
CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 A215 **1.2.C(u) - 1 BED DUPLEX RCP - CRAFTSMAN (UFAS)**
1/4" = 1'-0"

McCARTY HOLSAPLE McCARTY

MHM

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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.C(u) - 1 BED DUPLEX RCP-CRAFTSMAN (UFAS)

DRAWING NO:

A215

TIME / DATE: 6/3/2020 8:29:27 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

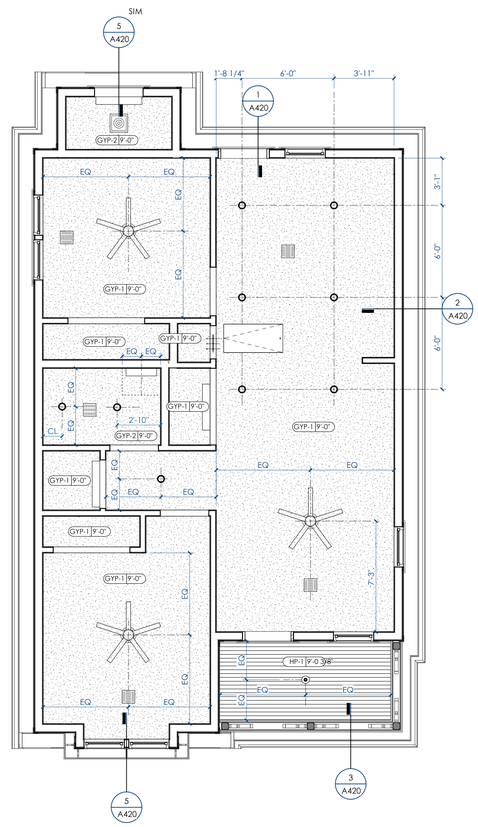
GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

- GYPSUM BOARD CEILING
- FIBER CEMENT BEAD BOARD SOFFIT PANEL
- 4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.
- 2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC
- CEILING FAN / LIGHT COMBO - SEE ELEC
- SUPPLY DIFFUSER - SEE MECH
- EXHAUST FAN - SEE MECH
- SIDEWALL SUPPLY DIFFUSER - SEE MECH
- LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH
- CEILING HEATER - SEE MECH
- CEILING RETURN GRILLE - SEE MECH
- 2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 / A220 **2.1.V - 2 BED SINGLE RCP - VICTORIAN**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:27:52 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:

2.1.V - 2 BED SINGLE RCP - VICTORIAN

DRAWING NO:

A220

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

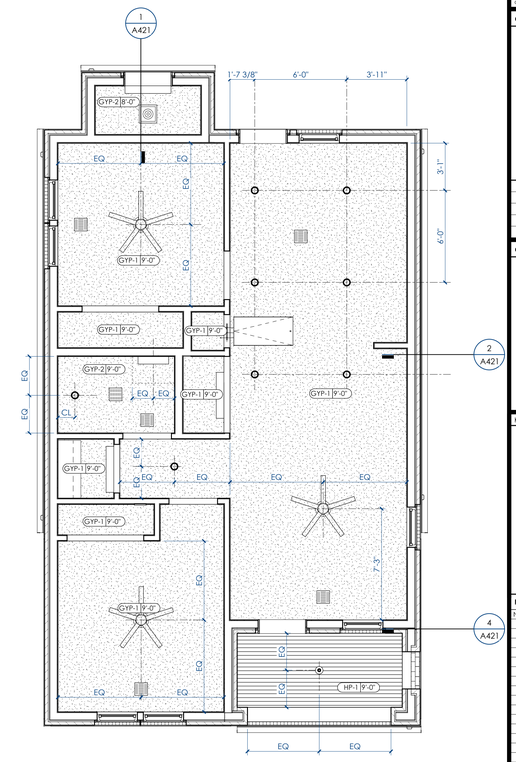
GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

- GYPSUM BOARD CEILING
- FIBER CEMENT BEAD BOARD SOFFIT PANEL
- 4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.
- 2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC
- CEILING FAN / LIGHT COMBO - SEE ELEC
- SUPPLY DIFFUSER - SEE MECH
- EXHAUST FAN - SEE MECH
- SIDEWALL SUPPLY DIFFUSER - SEE MECH
- LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH
- CEILING HEATER - SEE MECH
- CEILING RETURN GRILLE - SEE MECH
- 2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0'x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 A221 **2.1.T - 2 BED SINGLE RCP - TUDOR**
1/4" = 1'-0"

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:

2.1.T - 2 BED SINGLE RCP - TUDOR

DRAWING NO:

A221

TIME / DATE: 6/3/2020 8:27:37 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
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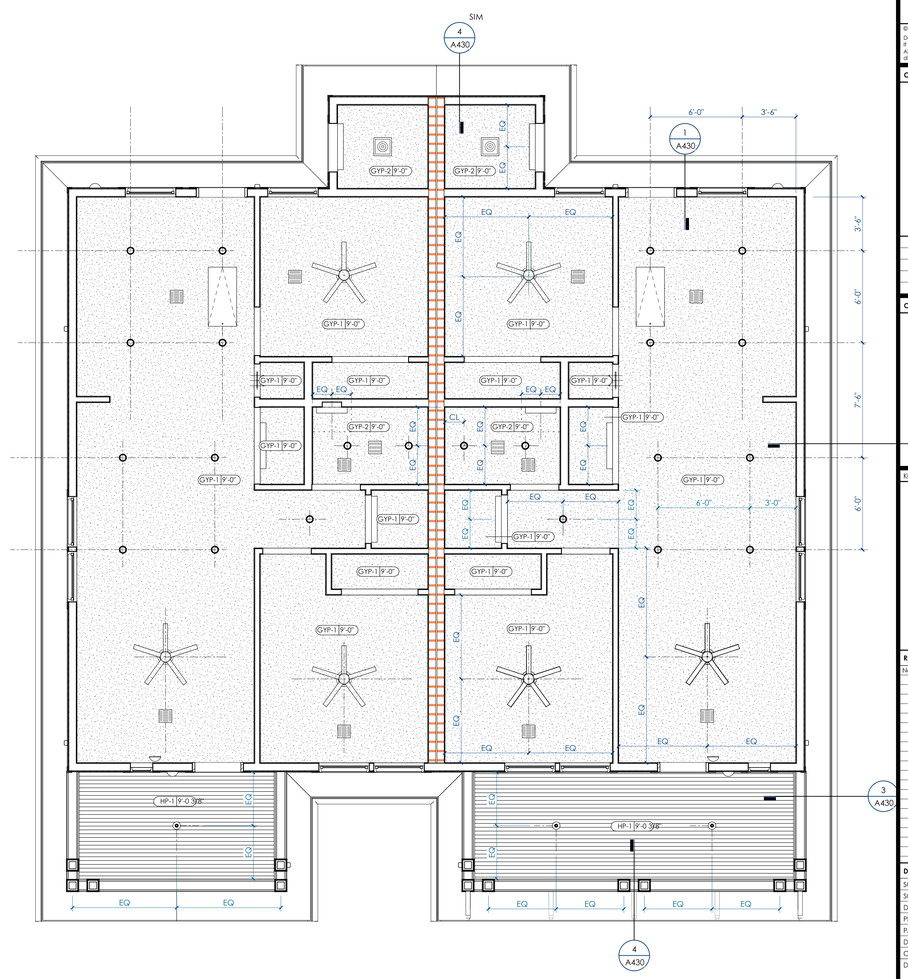
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 A230 **2.2.C - 2 BED DUPLEX RCP - CRAFTSMAN**
1/4" = 1'-0"

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.2.C - 2 BED DUPLEX RCP - CRAFTSMAN

DRAWING NO:

A230

TIME / DATE: 6/3/2020 8:27:44 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

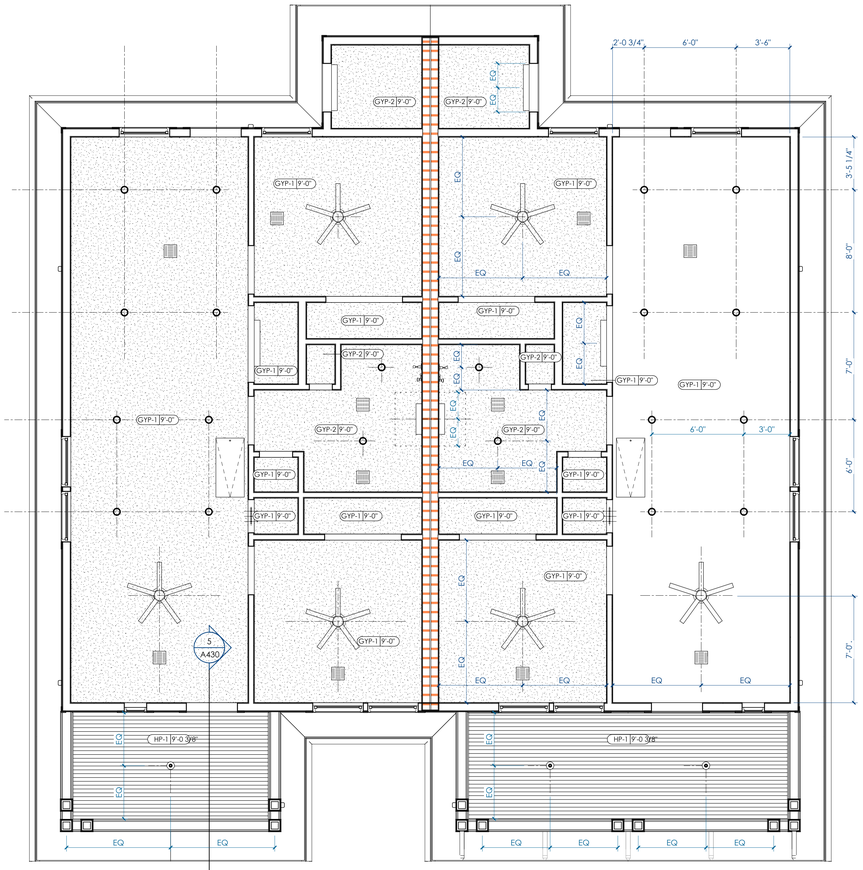
CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



1 / A235 **2.2.C(u) - 2 BED DUPLEX RCP - CRAFTSMAN (UFAS)**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:27:48 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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DWG ISSUED:	04 JUNE 2020
PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.2.C(u) - 2 BED DUPLEX RCP - CRAFTSMAN (UFAS)

DRAWING NO:

A235

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE 10'-0" — CLG TAG; CLG HT AFF; CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

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2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
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4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
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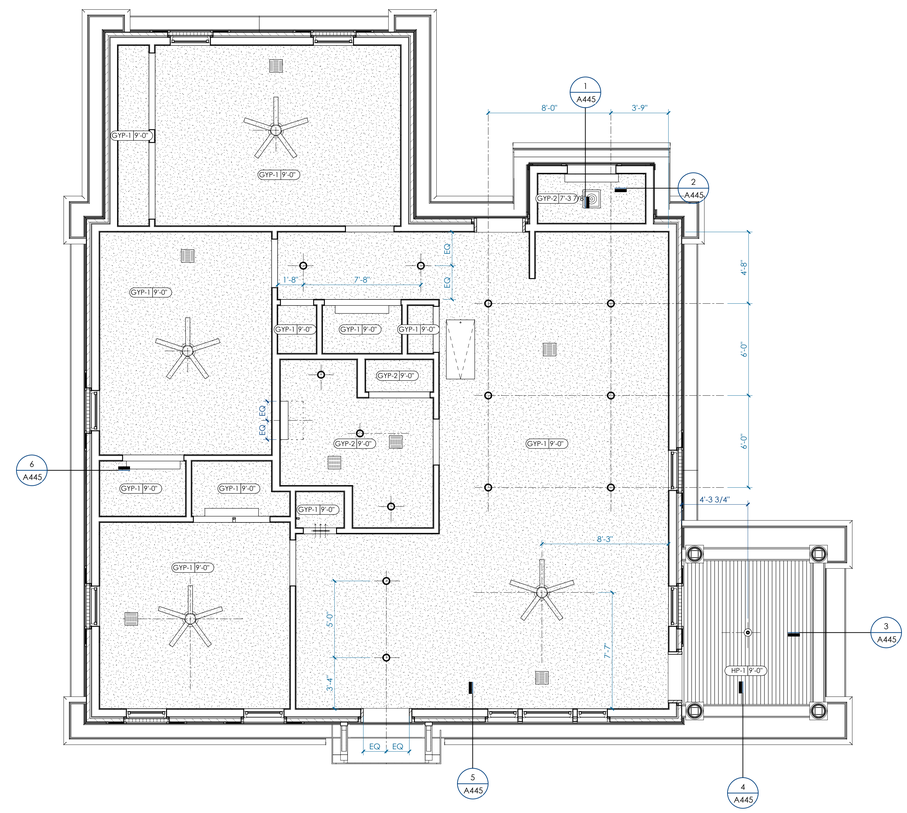

1 A245 **3.1.CO(u) - 4 BED SINGLE RCP - COLONIAL**
1/4" = 1'-0"

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE No. 0002115 STATE OF TENNESSEE

04 JUNE 2020

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

3.1.CO(u) - 4 BED SINGLE RCP - COLONIAL

DRAWING NO:

A245

TIME / DATE: 6/3/2020 8:27:53 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

- GYPSUM BOARD CEILING
- FIBER CEMENT BEAD BOARD SOFFIT PANEL
- 4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.
- 2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC
- CEILING FAN / LIGHT COMBO - SEE ELEC
- SUPPLY DIFFUSER - SEE MECH
- EXHAUST FAN - SEE MECH
- SIDEWALL SUPPLY DIFFUSER - SEE MECH
- LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH
- CEILING HEATER - SEE MECH
- CEILING RETURN GRILLE - SEE MECH
- 2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

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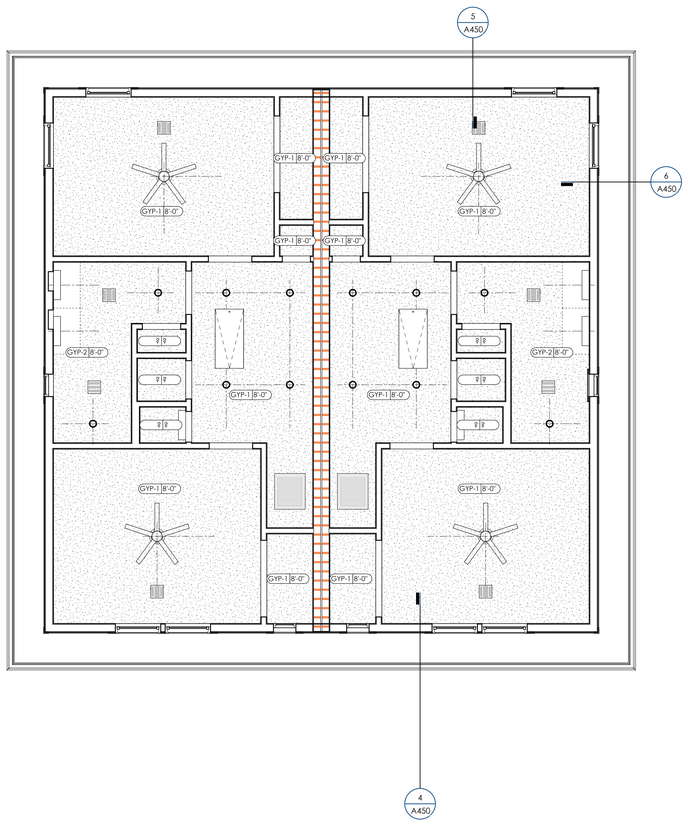
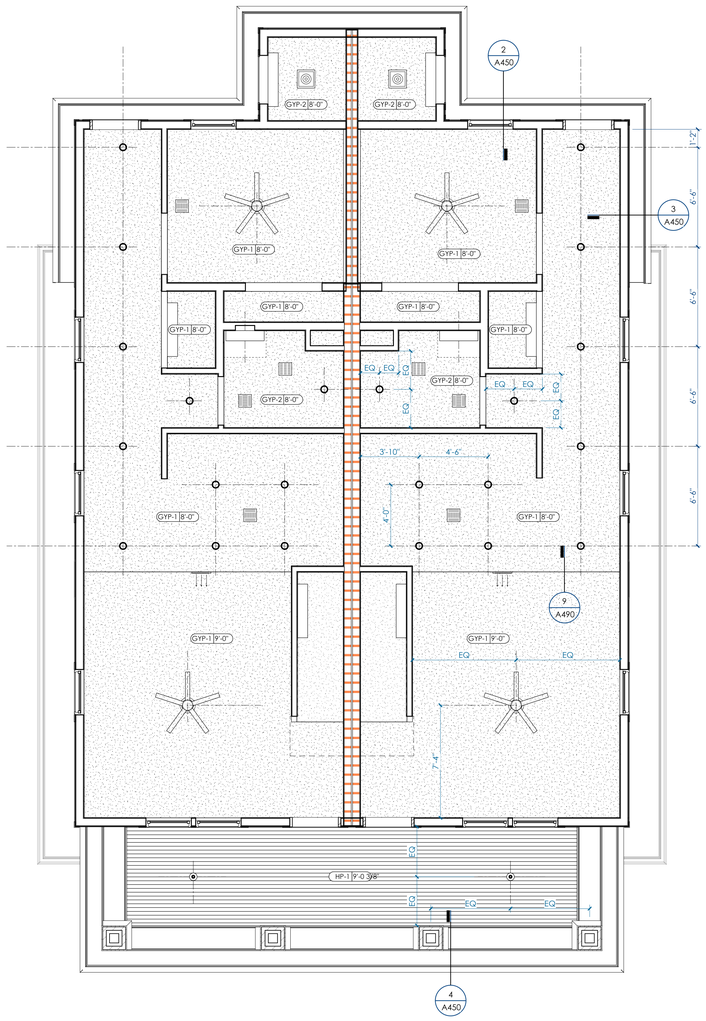


2 A250 **3.2.Fa/b - 3 BED DUPLEX 2nd FLOOR RCP - 4 SQUARE**
1/4" = 1'-0"



1 A250 **3.2.Fa/b - 3 BED DUPLEX 1st FLOOR RCP - 4 SQUARE**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:28:01 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:

3.2.Fa/b - 3 BED DUPLEX RCP - 4 SQUARE

DRAWING NO:

A250

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE 10'-0" — CLG TAG
CLG HT AFF
CLG MATERIAL

CEILING TYPES:
GYP-1 : GYPSUM BOARD CEILING PT-# PER FINISH LEGEND
GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING PT-# PER FINISH LEGEND
HP-1 : FIBER CEMENT BEAD BOARD PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

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SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

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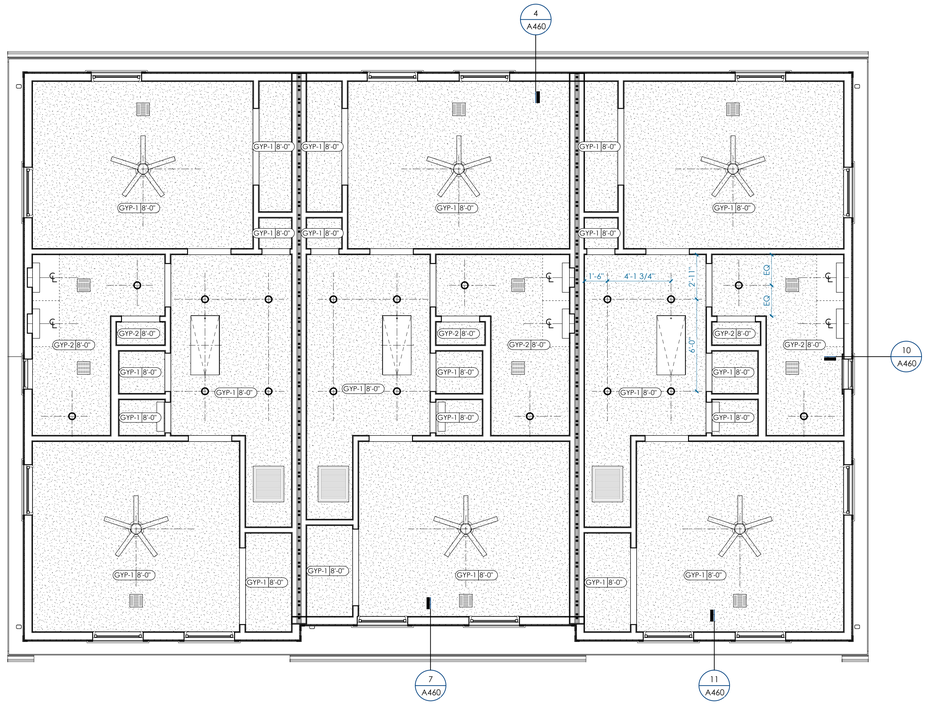
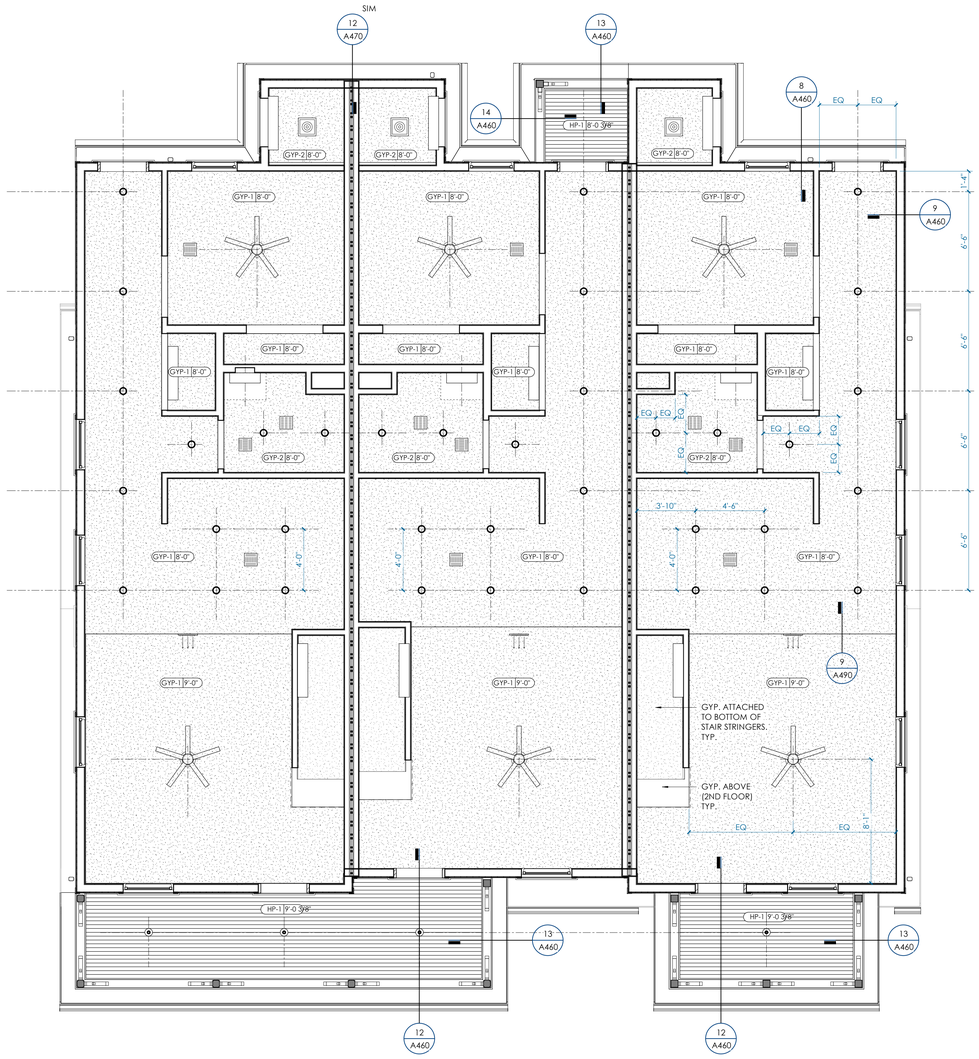


2 A260 **3.3.V - 3 BED TRIPLEX 2nd FLOOR RCP - VICTORIAN**
1/4" = 1'-0"



1 A260 **3.3.V - 3 BED TRIPLEX 1st FLOOR RCP - VICTORIAN**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:28:11 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
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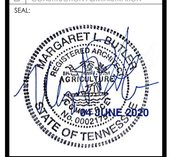
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-00000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
3.3.V - 3 BED TRIPLEX RCP - VICTORIAN

DRAWING NO:
A260

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0" — CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

- GYPSUM BOARD CEILING
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- 4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.
- 2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC
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- 2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0"x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

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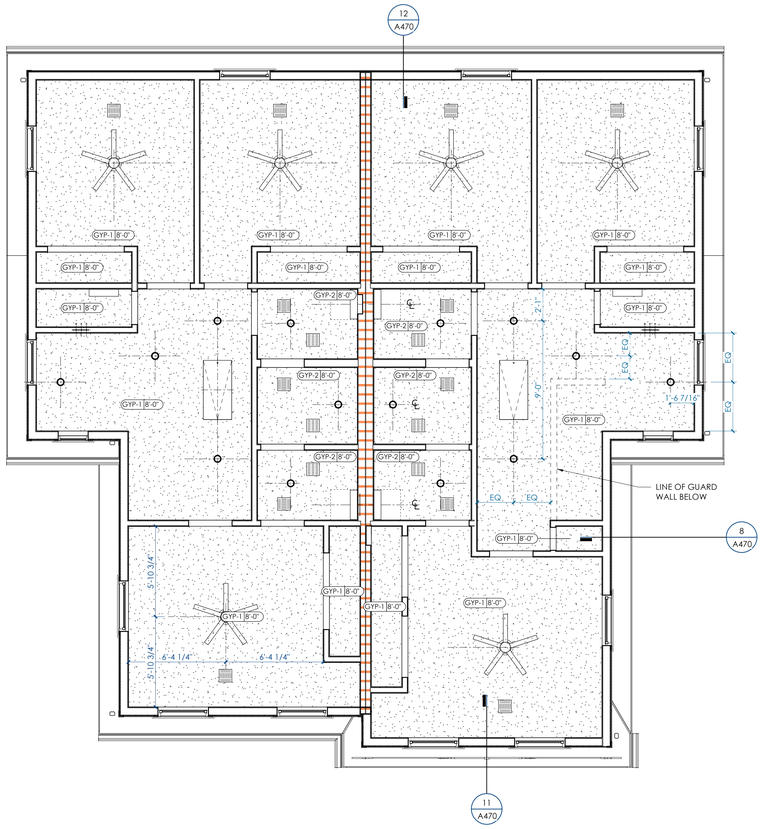
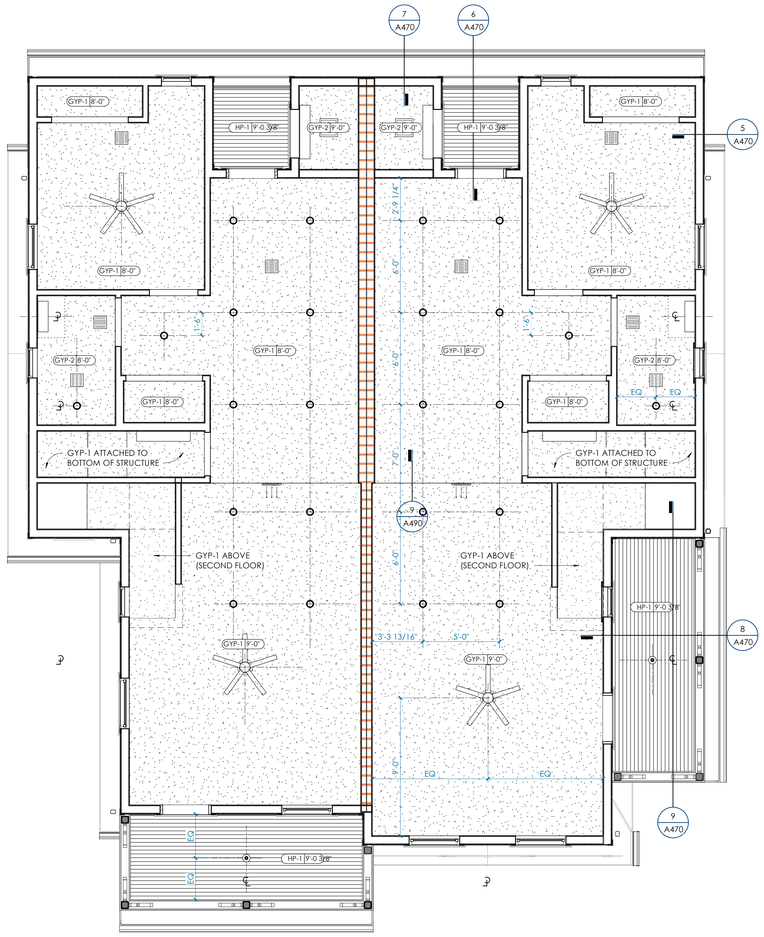


2 A270 **4.2.V - 4 BED DUPLEX RCP - VICTORIAN - 2nd FLOOR**
1/4" = 1'-0"



1 A270 **4.2.V - 4 BED DUPLEX RCP - VICTORIAN - 1st FLOOR**
1/4" = 1'-0"

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

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- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE BUILDING 2770 PROFESSIONAL NO. 00021 STATE OF TENNESSEE
04 JUNE 2020

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CHECKED BY:	Project.Checked By

DRAWING TITLE:

4.2.V - 4 BED DUPLEX RCP - VICTORIAN

DRAWING NO:

A270

TIME / DATE: 6/3/2020 8:28:19 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE | 10'-0"
- CLG TAG
- CLG HT AFF
- CLG MATERIAL

CEILING TYPES:

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PT-# PER FINISH LEGEND

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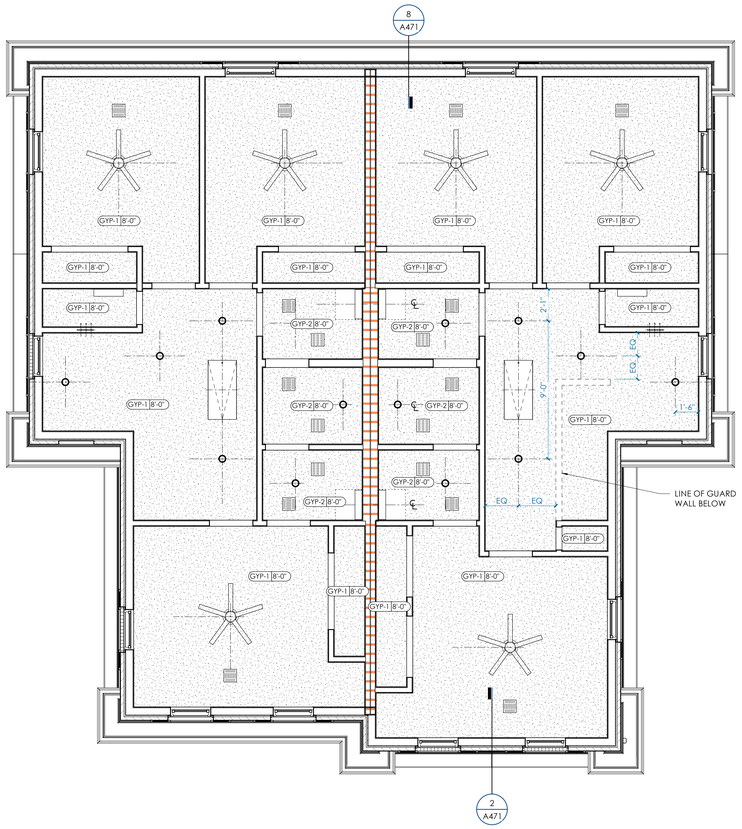
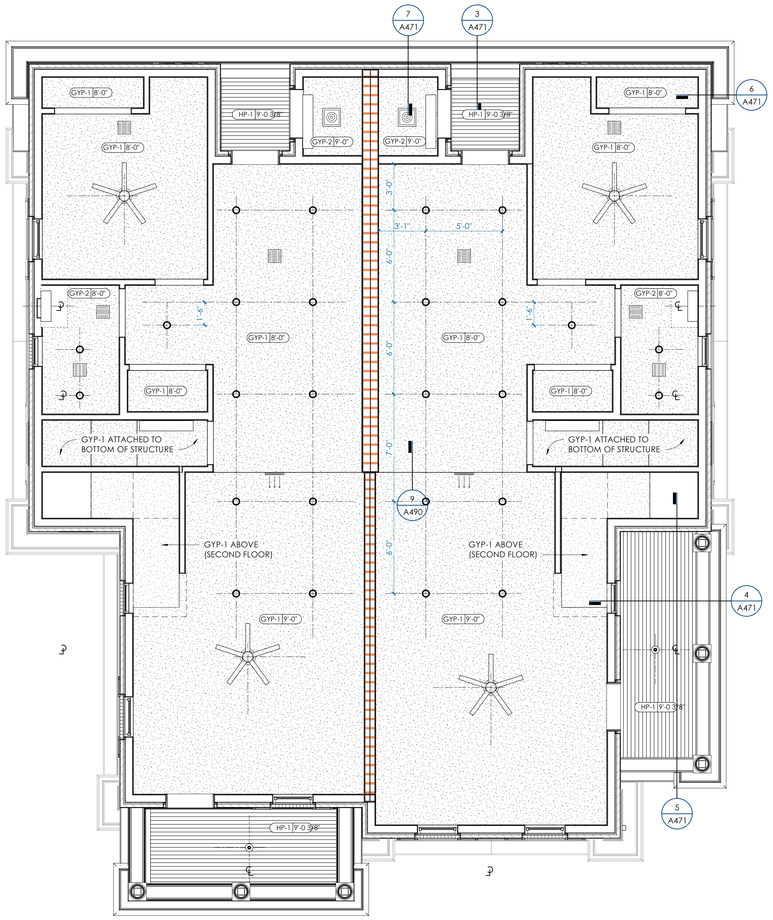
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



2 A271 **4.2.CO - 4 BED DUPLEX RCP -COLONIAL - 2nd FLOOR**
1/4" = 1'-0"



1 A271 **4.2.CO - 4 BED DUPLEX RCP -COLONIAL - 1st FLOOR**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:28:33 PM

McCARTY
HOLSAPLE
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

4.2.CO - 4 BED DUPLEX RCP - COLONIAL

DRAWING NO:

A271

BINDING EDGE

BINDING EDGE

BINDING EDGE

REFLECTED CEILING PLAN LEGEND

TYPE 10'-0" — CLG TAG; CLG HT AFF; CLG MATERIAL

CEILING TYPES:

GYP-1 : GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

GYP-2 : MOISTURE RESISTANT GYPSUM BOARD CEILING
PT-# PER FINISH LEGEND

HP-1 : FIBER CEMENT BEAD BOARD
PT-# PER FINISH LEGEND

GYPSUM BOARD CEILING

FIBER CEMENT BEAD BOARD SOFFIT PANEL

4" DIA. RECESSED CAN LIGHT (INTERIOR) - SEE ELEC.

2" DIA. RECESSED CAN LIGHT (EXTERIOR) - SEE ELEC

CEILING FAN / LIGHT COMBO - SEE ELEC

SUPPLY DIFFUSER - SEE MECH

EXHAUST FAN - SEE MECH

SIDEWALL SUPPLY DIFFUSER - SEE MECH

LOUVERED DOOR / LOW WALL RETURN GRILLE - SEE MECH

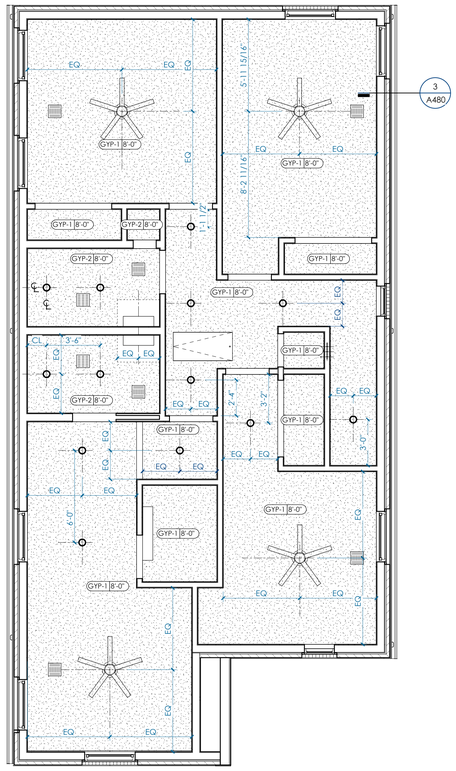
CEILING HEATER - SEE MECH

CEILING RETURN GRILLE - SEE MECH

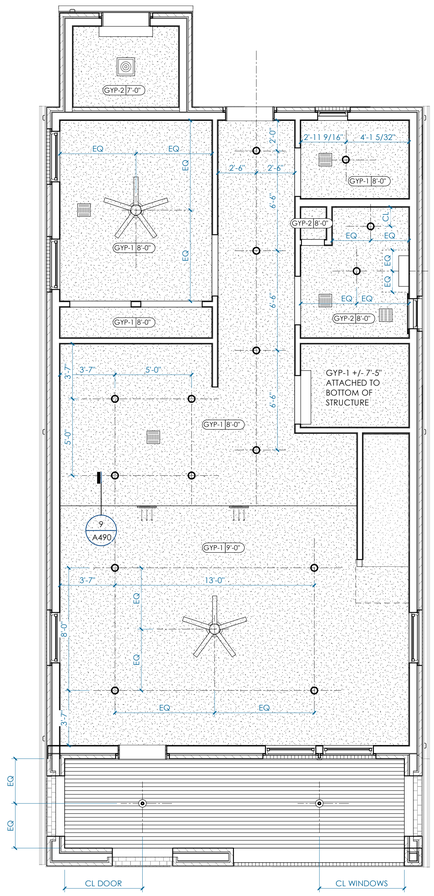
2'x4' (NOMINAL) ATTIC ACCESS DOOR (LOCKABLE) - LOCATE BETWEEN ROOF TRUSSES - SEE STRUCT. BLOCKING AND ATTACHMENTS PER MFR. PROVIDE 4'-0'x4'-0" MIN 5/8" PLYWOOD WALKBOARD ADJ. TO DOOR IN ATTIC.

CLG NOTE:

1. REFER TO BLDG ELEVATIONS (SHEET SERIES A300) FOR EXTERIOR WALL MOUNTED LIGHTS/SCONCES ETC.
2. KITCHEN CABINETS TO RECIEVE UNDERCABINET LIGHTS - SEE ELEC.
3. CL OF LIGHT FIXTURES DIM. FROM FINISHED FACE OF WALL
4. CENTER FIXTURE IN ROOM/SPACE/PLUMB. FIXTURE UNO ON PLANS
5. DIMS/FIXTURE LOCATIONS APPLY TO ALL UNITS ON SAME PLAN



2 A280 **5.1.T - 5 BED SINGLE RCP - TUDOR - 2nd FLOOR**
1/4" = 1'-0"



1 A280 **5.1.T - 5 BED SINGLE RCP - TUDOR - 1st FLOOR**
1/4" = 1'-0"

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OAKLAND COURT REDEVELOPMENT

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- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT AGRICULTURE 2470 PROFESSIONAL ENGINEER No. 0002131 STATE OF TENNESSEE
04 JUNE 2020

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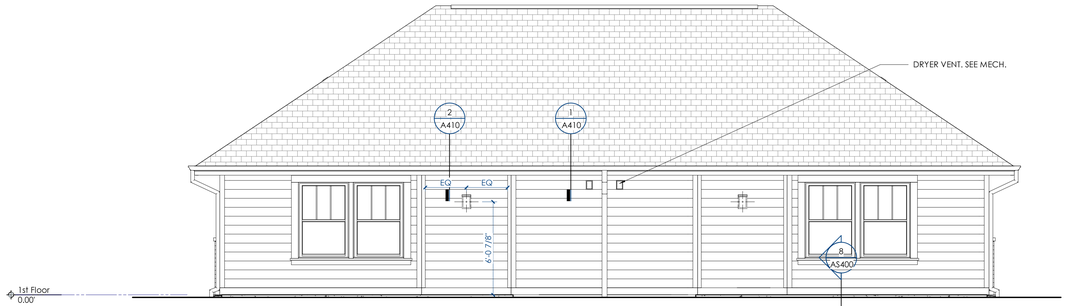
CHECKED BY:	Project.Checked By

DRAWING TITLE:

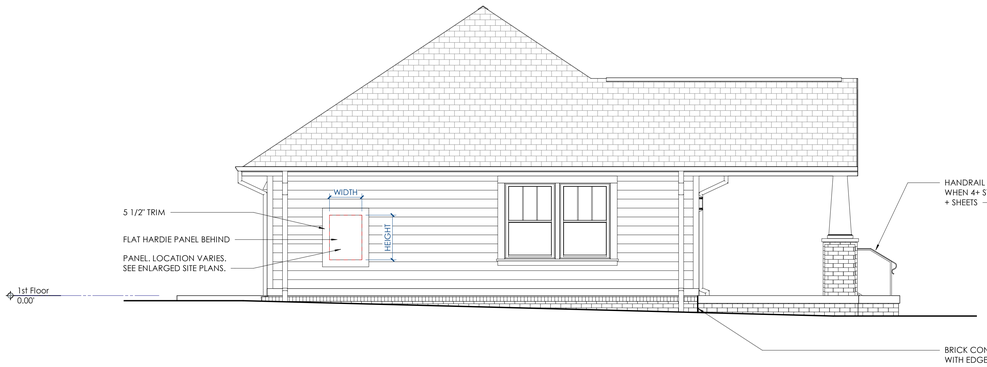
5.1.T - 5 BED SINGLE RCP - TUDOR

DRAWING NO:

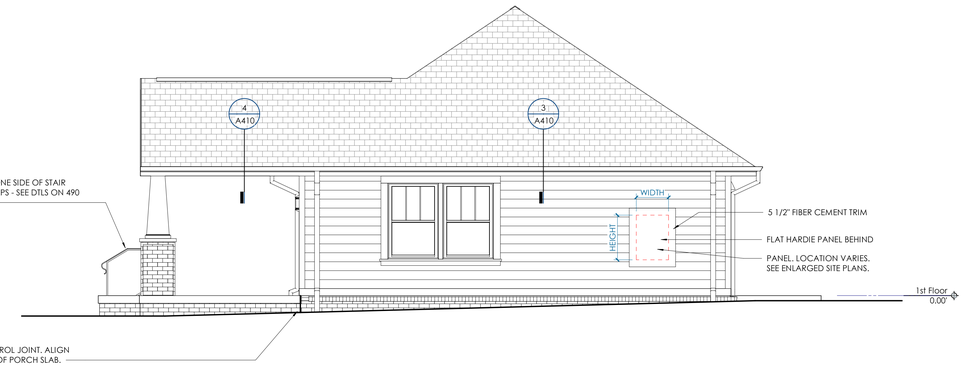
A280



2 A310 **1 BED DUPLEX NORTH ELEVATION – CRAFTSMAN**
1/4" = 1'-0"



4 A310 **1 BED DUPLEX WEST ELEVATION - CRAFTSMAN**
1/4" = 1'-0"



3 A310 **1 BED DUPLEX EAST ELEVATION - CRAFTSMAN**
1/4" = 1'-0"

1 A310 **1 BED DUPLEX SOUTH ELEVATION - CRAFTSMAN**
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:28:48 PM

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DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.C - 1 BED DUPLEX ELEVATIONS - CRAFTSMAN

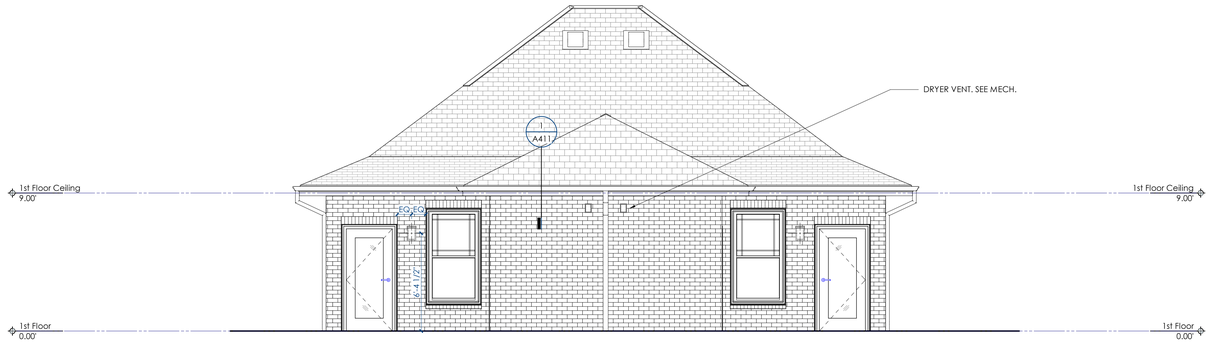
DRAWING NO:

A310

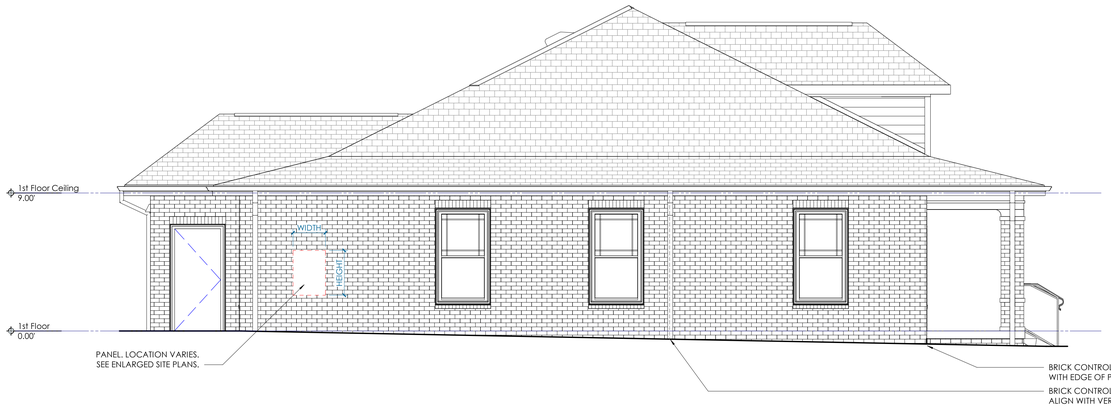
BINDING EDGE

BINDING EDGE

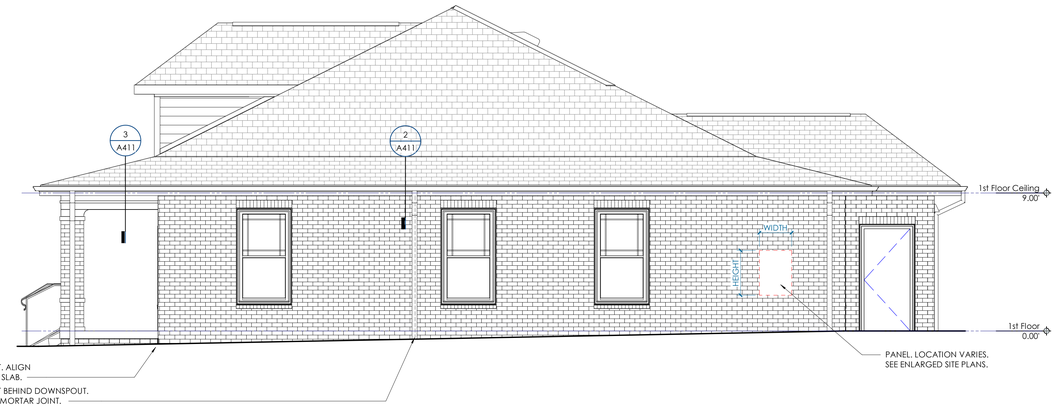
BINDING EDGE



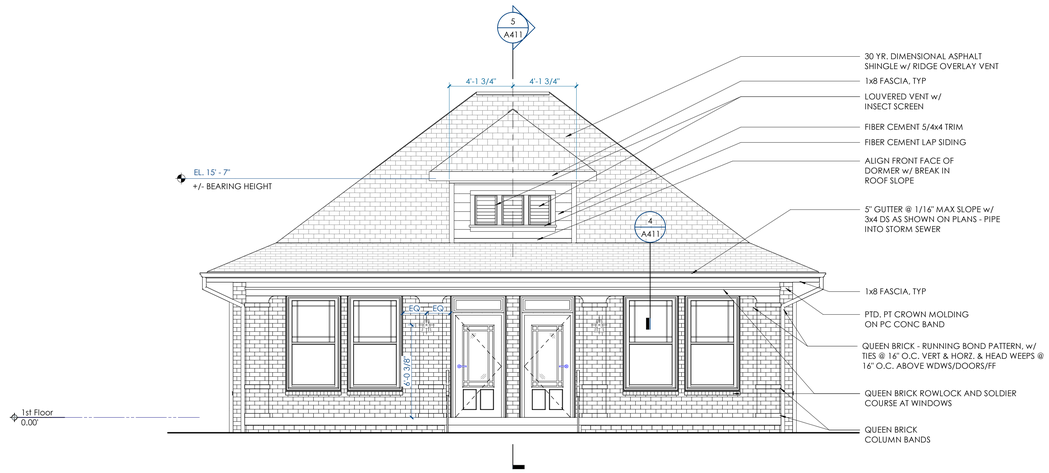
1 A311 **1 BED DUPLEX NORTH ELEVATION - 4 SQUARE**
1/4" = 1'-0"



2 A311 **1 BED DUPLEX WEST ELEVATION - 4 SQUARE**
1/4" = 1'-0"



3 A311 **1 BED DUPLEX EAST ELEVATION - 4 SQUARE**
1/4" = 1'-0"



4 A311 **1 BED DUPLEX SOUTH ELEVATION - 4 SQUARE**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:28:56 PM

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CONTRACT:	SBC-000000000000000

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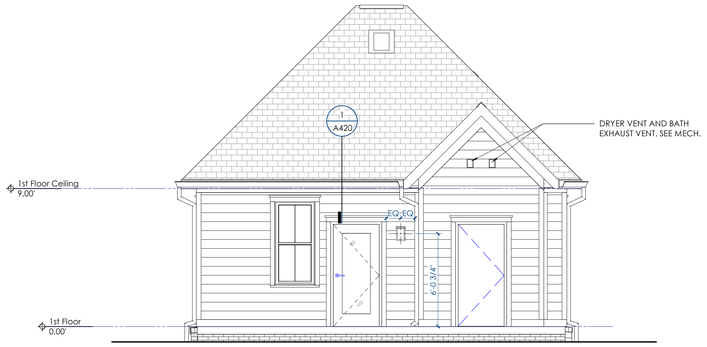
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.F - 1 BED DUPLEX ELEVATIONS - 4 SQUARE

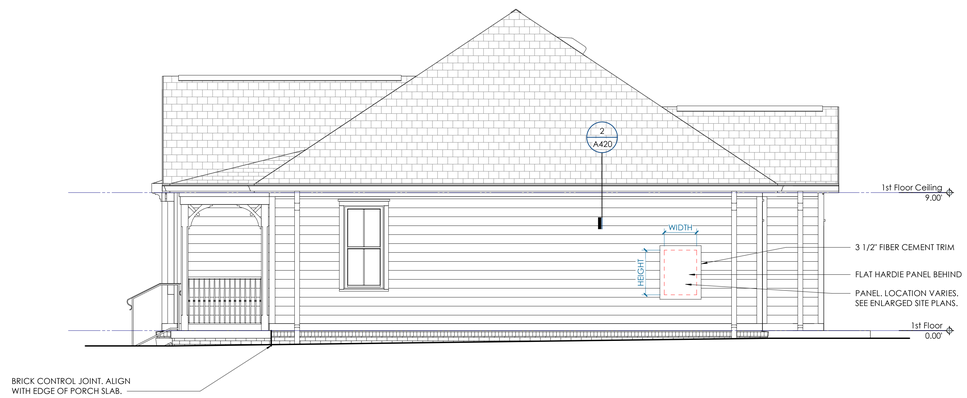
DRAWING NO:

A311

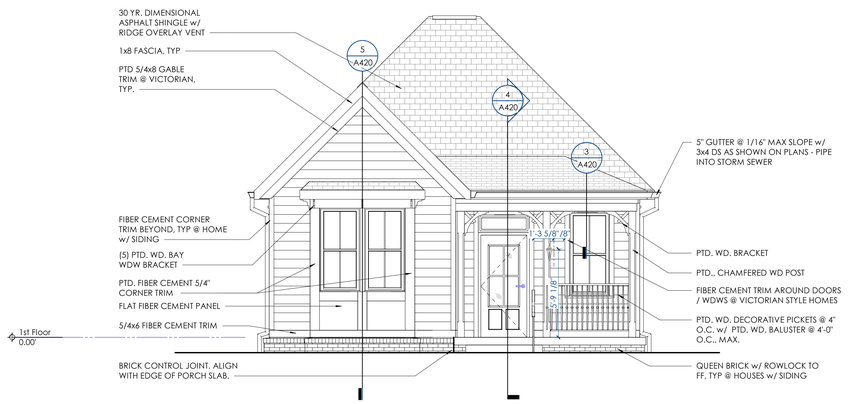


4 A320 **2 BED SINGLE NORTH ELEVATION - VICTORIAN**
1/4" = 1'-0"

3 A320 **2 BED SINGLE WEST ELEVATION - VICTORIAN**
1/4" = 1'-0"



2 A320 **2 BED SINGLE EAST ELEVATION - VICTORIAN**
1/4" = 1'-0"



1 A320 **2 BED SINGLE SOUTH ELEVATION - VICTORIAN**
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:29:06 PM

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PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

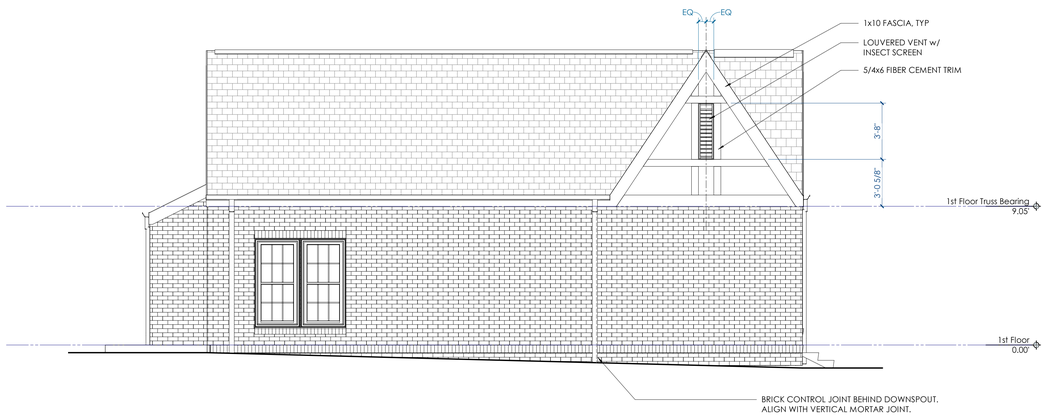
DRAWING TITLE:

2.1.V - 2 BED SINGLE ELEVATIONS - VICTORIAN

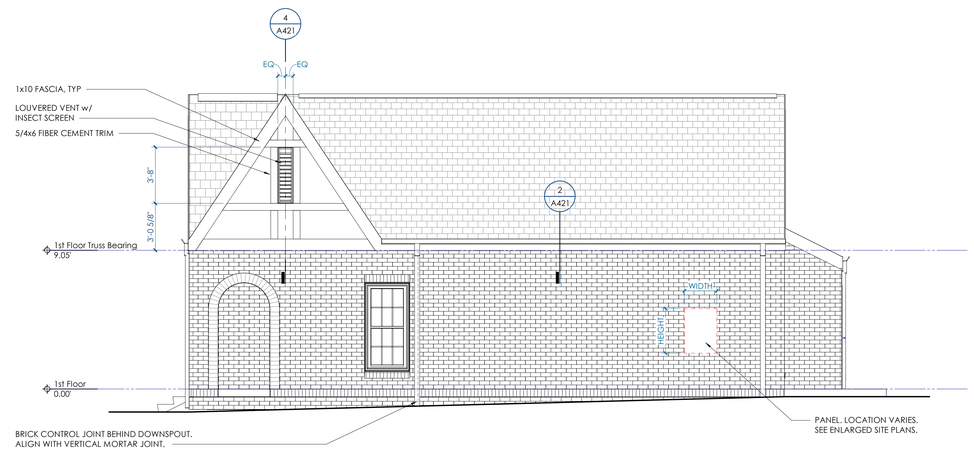
DRAWING NO:

A320

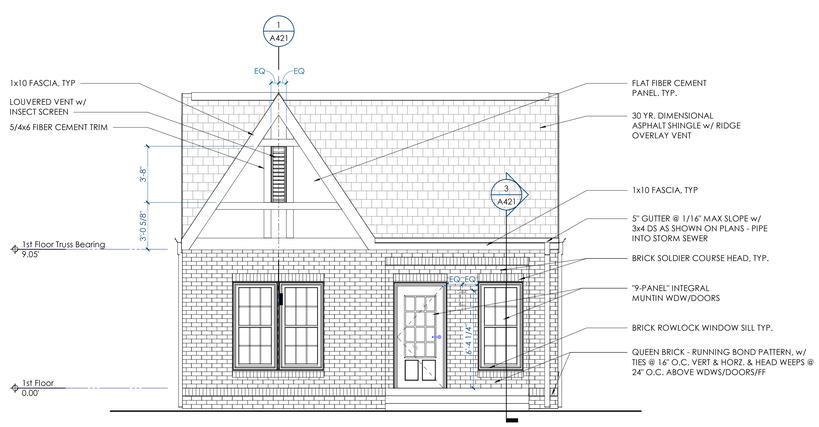
1 A321 **2 BED SINGLE NORTH ELEVATION - TUDOR**
1/4" = 1'-0"



3 A321 **2 BED SINGLE WEST ELEVATION - TUDOR**
1/4" = 1'-0"



2 A321 **2 BED SINGLE EAST ELEVATION - TUDOR**
1/4" = 1'-0"



4 A321 **2 BED SINGLE SOUTH ELEVATION - TUDOR**
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

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CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.1.T - 2 BED SINGLE ELEVATIONS - TUDOR

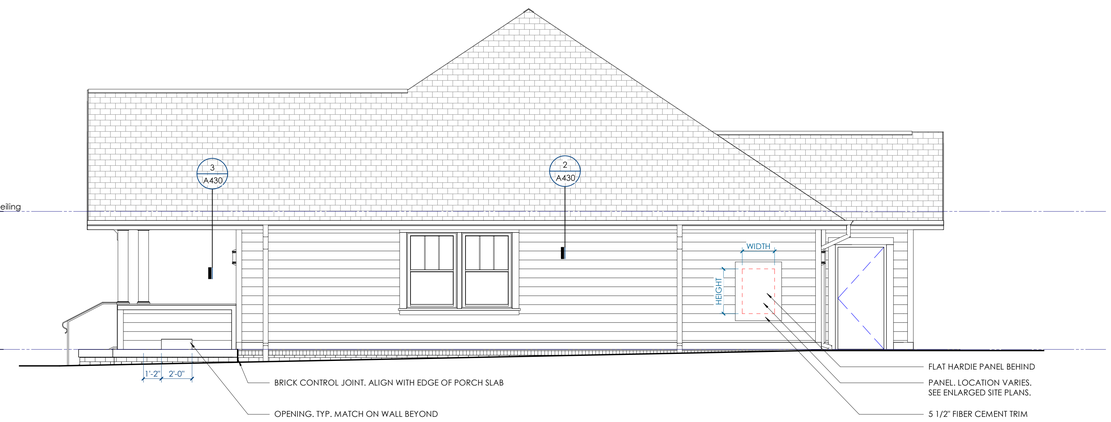
DRAWING NO:

A321

BINDING EDGE

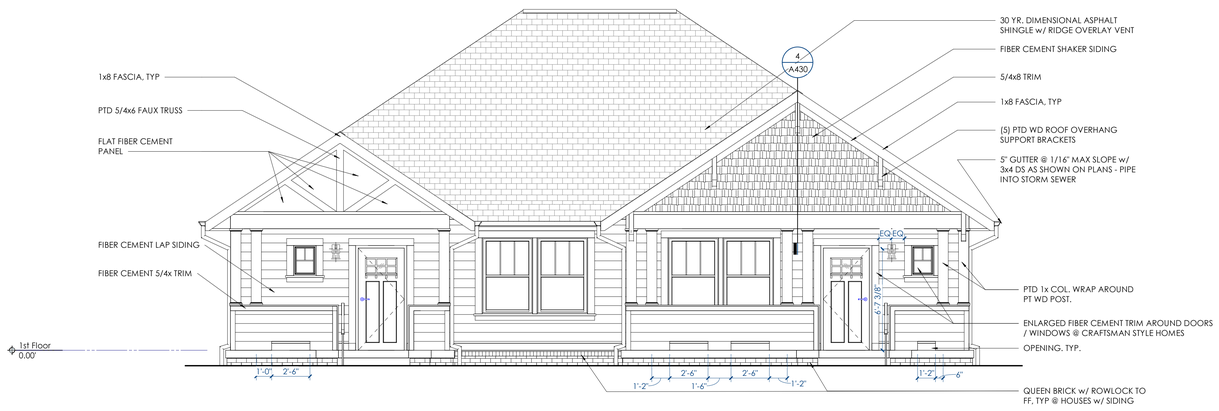
2 A330 **2 BED DUPLEX NORTH ELEVATION**
1/4" = 1'-0"

4 A330 **2 BED DUPLEX WEST ELEVATION**
1/4" = 1'-0"



3 A330 **2 BED DUPLEX EAST ELEVATION**
1/4" = 1'-0"

BINDING EDGE



1 A330 **2 BED DUPLEX SOUTH ELEVATION**
1/4" = 1'-0"

TIME / DATE: 6/3/2020 8:29:22 PM

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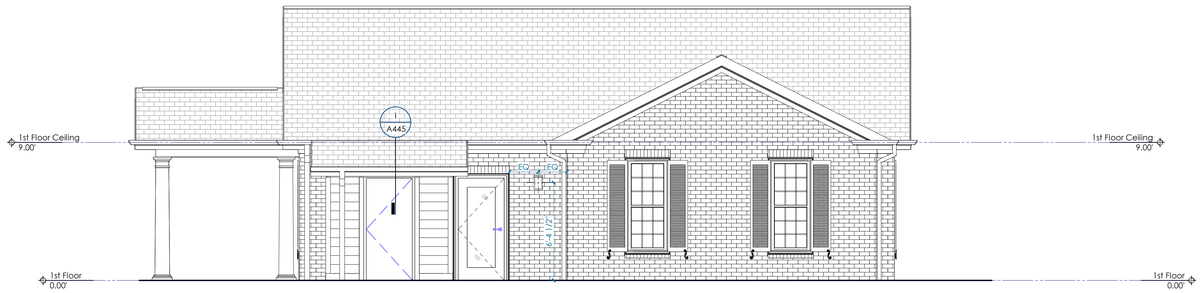
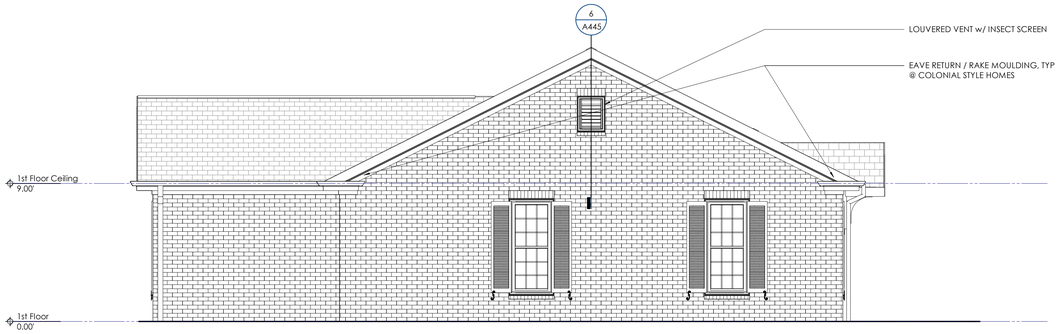
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
2.2.C & 2.2.C(u) - 2 BED DUPLEX ELEVATIONS - CRAFTSMAN

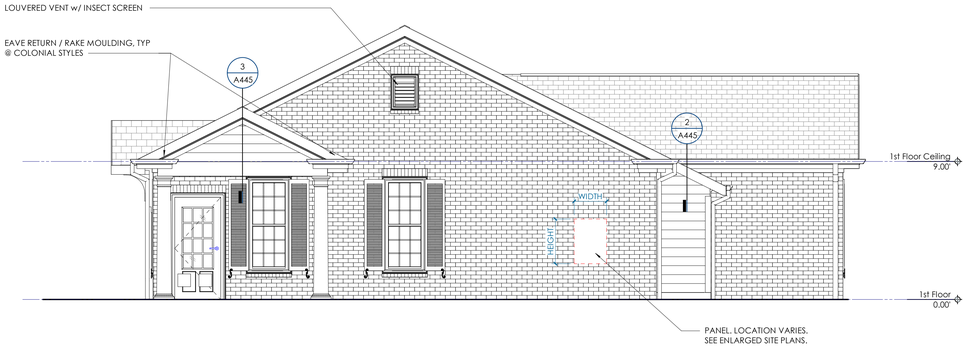
DRAWING NO:
A330



2 A345 **3 BED SINGLE NORTH ELEVATION**
1/4" = 1'-0"



3 A345 **3 BED SINGLE WEST ELEVATION**
1/4" = 1'-0"



4 A345 **3 BED SINGLE EAST ELEVATION**
1/4" = 1'-0"

1 A345 **3 BED SINGLE SOUTH ELEVATION**
1/4" = 1'-0"

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BINDING EDGE

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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KEY PLAN:

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No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

3.1.CO - 3 BED SINGLE ELEVATIONS - COLONIAL

DRAWING NO:

A345

2 A350 **3 BED DUPLEX NORTH ELEVATION**
1/4" = 1'-0"

3 A350 **3 BED DUPLEX WEST ELEVATION**
1/4" = 1'-0"

4 A350 **3 BED DUPLEX EAST ELEVATION**
1/4" = 1'-0"

1 A350 **3 BED DUPLEX SOUTH ELEVATION**
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

3.2.Fa - 3 BED DUPLEX ELEVATIONS - 4 SQUARE

DRAWING NO:

A350

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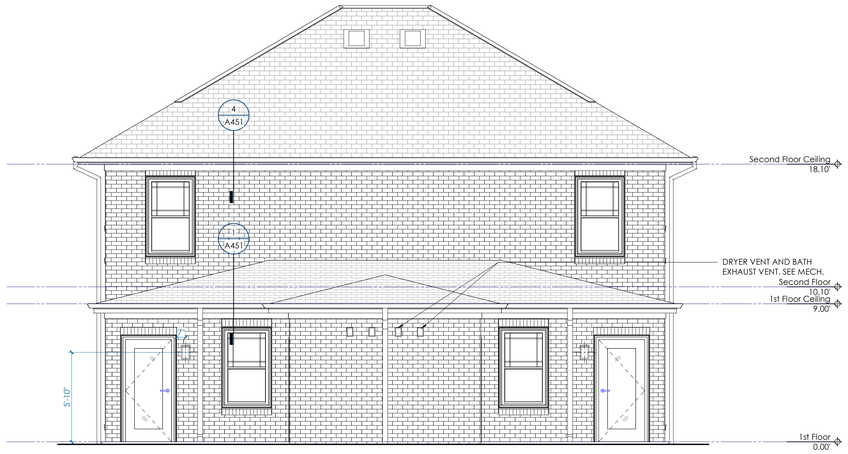
BINDING EDGE

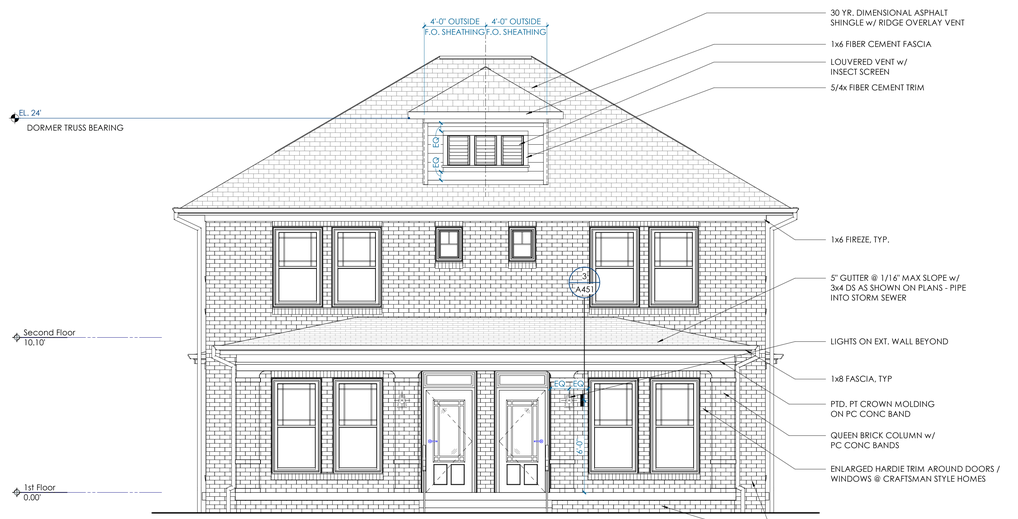
BINDING EDGE



3 A351 **3 BED DUPLEX NORTH ELEVATION (BRICK)**
1/4" = 1'-0"

2 A351 **3 BED DUPLEX WEST ELEVATION (BRICK)**
1/4" = 1'-0"

1 A351 **3 BED DUPLEX EAST ELEVATION (BRICK)**
1/4" = 1'-0"



4 A351 **3 BED DUPLEX SOUTH ELEVATION (BRICK)**
1/4" = 1'-0"

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OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

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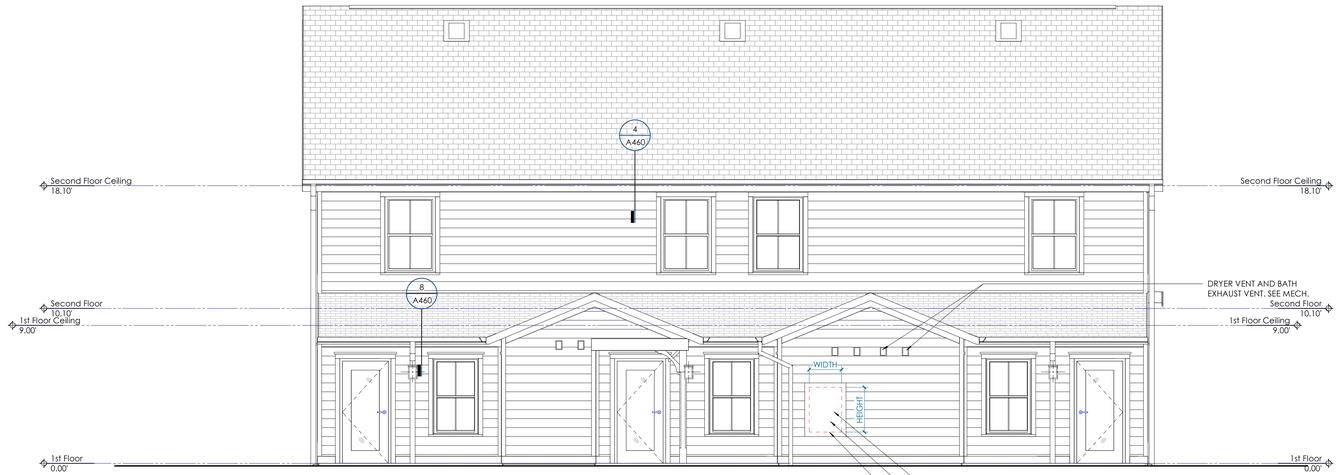
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

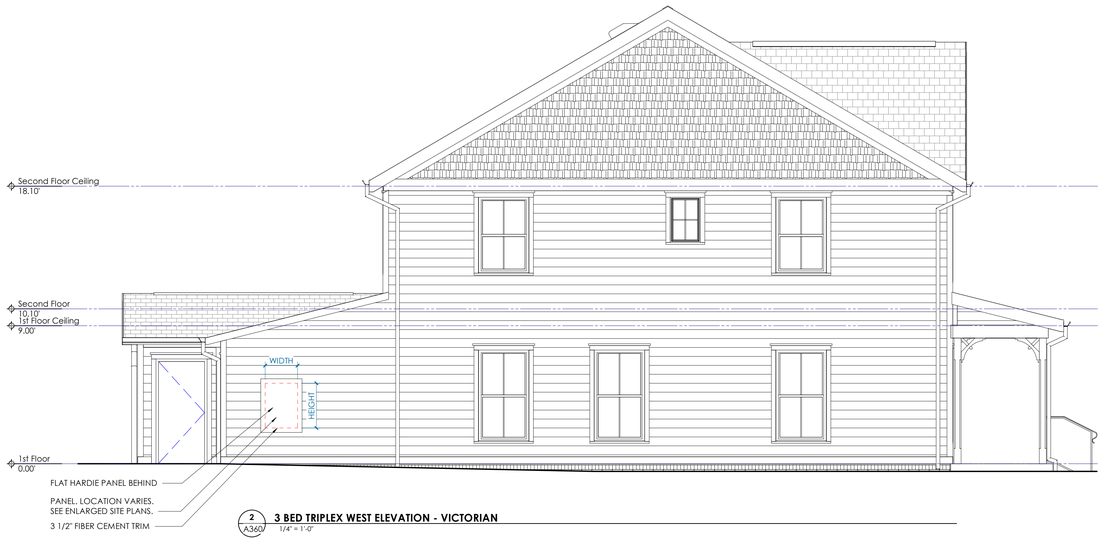
3.2.Fb - 3 BED DUPLEX ELEVATIONS - 4 SQUARE (BRICK)

DRAWING NO:

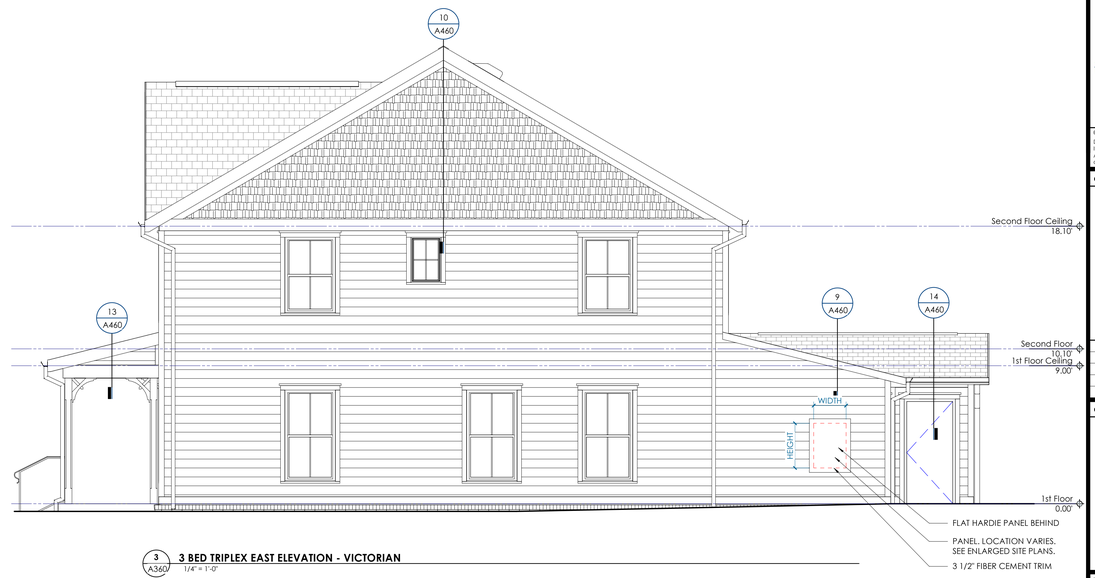
A351



1 A360 **3 BED TRIPLEX NORTH ELEVATION - VICTORIAN**
1/4" = 1'-0"



2 A360 **3 BED TRIPLEX WEST ELEVATION - VICTORIAN**
1/4" = 1'-0"



3 A360 **3 BED TRIPLEX EAST ELEVATION - VICTORIAN**
1/4" = 1'-0"

4 A360 **3 BED TRIPLEX SOUTH ELEVATION**
1/4" = 1'-0"

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OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

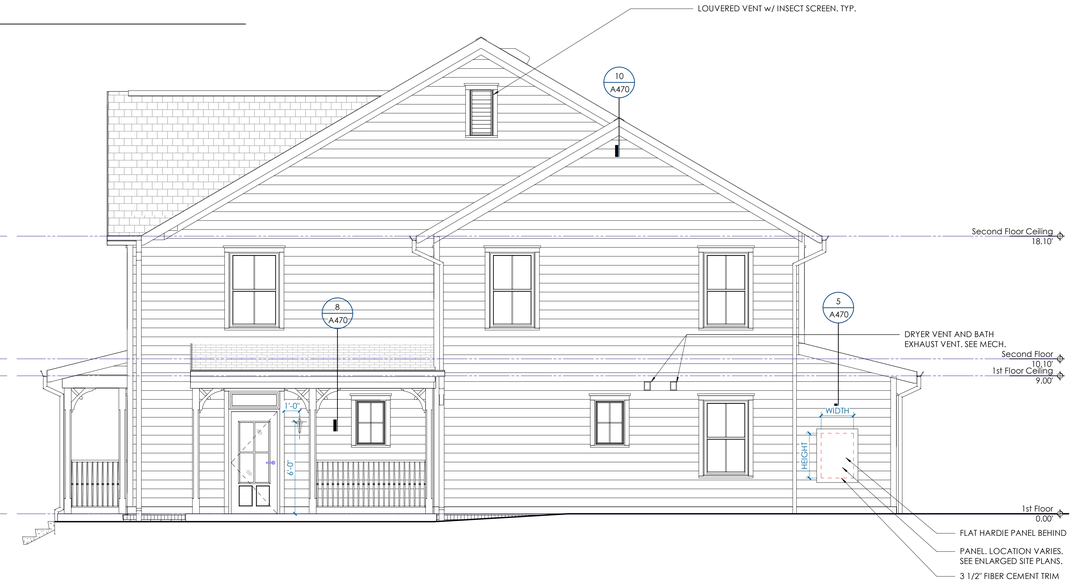
3.3.V - 3 BED TRIPLEX ELEVATIONS - VICTORIAN

DRAWING NO:

A360

1 A370 **4 BED DUPLEX NORTH ELEVATION - VICTORIAN**
1/4" = 1'-0"

2 A370 **4 BED DUPLEX WEST ELEVATION - VICTORIAN**
1/4" = 1'-0"



3 A370 **4 BED DUPLEX EAST ELEVATION - VICTORIAN**
1/4" = 1'-0"

4 A370 **4 BED DUPLEX SOUTH ELEVATION - VICTORIAN**
1/4" = 1'-0"

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OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

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- ☑ **CONSTRUCTION BIDDING PHASE**
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SCALE GUIDE:	
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4.2.V - 4 BED DUPLEX ELEVATIONS - VICTORIAN

DRAWING NO:

A370

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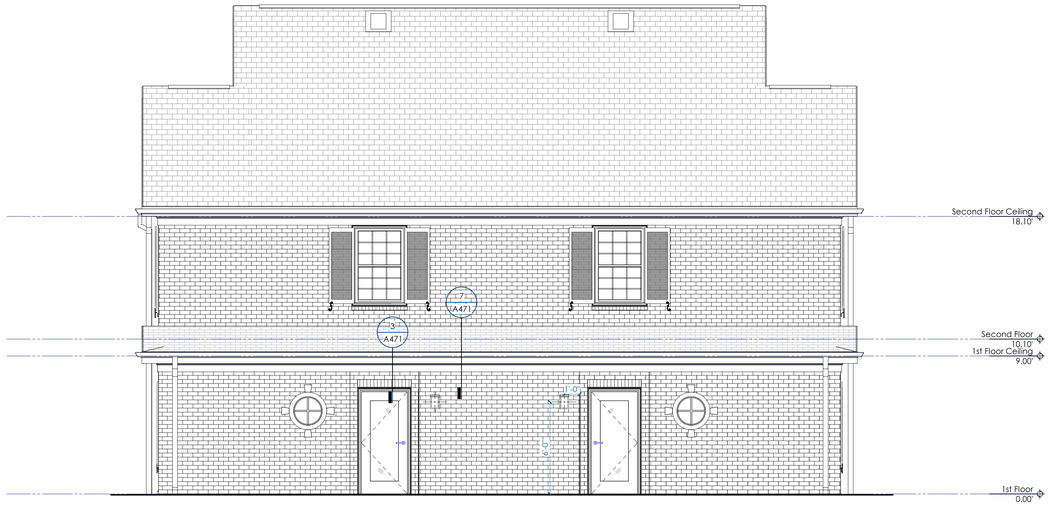

2 A371 **4 BED DUPLEX NORTH ELEVATION - COLONIAL**
1/4" = 1'-0"

4 A371 **4 BED DUPLEX WEST ELEVATION - COLONIAL**
1/4" = 1'-0"

1 A371 **4 BED DUPLEX EAST ELEVATION - COLONIAL**
1/4" = 1'-0"

3 A371 **4 BED DUPLEX SOUTH ELEVATION - COLONIAL**
1/4" = 1'-0"

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PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
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SCALE GUIDE:	
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PA / PC:	Jake Thomas / -
DRAWN BY:	Author
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DRAWING TITLE:

4.2.CO - 4 BED DUPLEX ELEVATIONS - COLONIAL

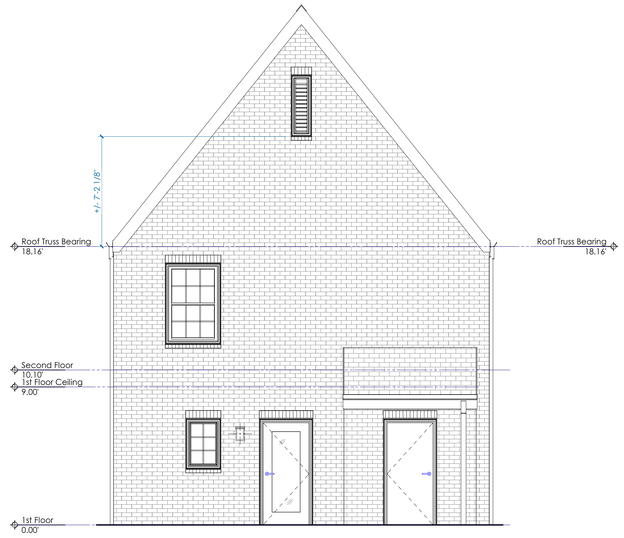
DRAWING NO:

A371

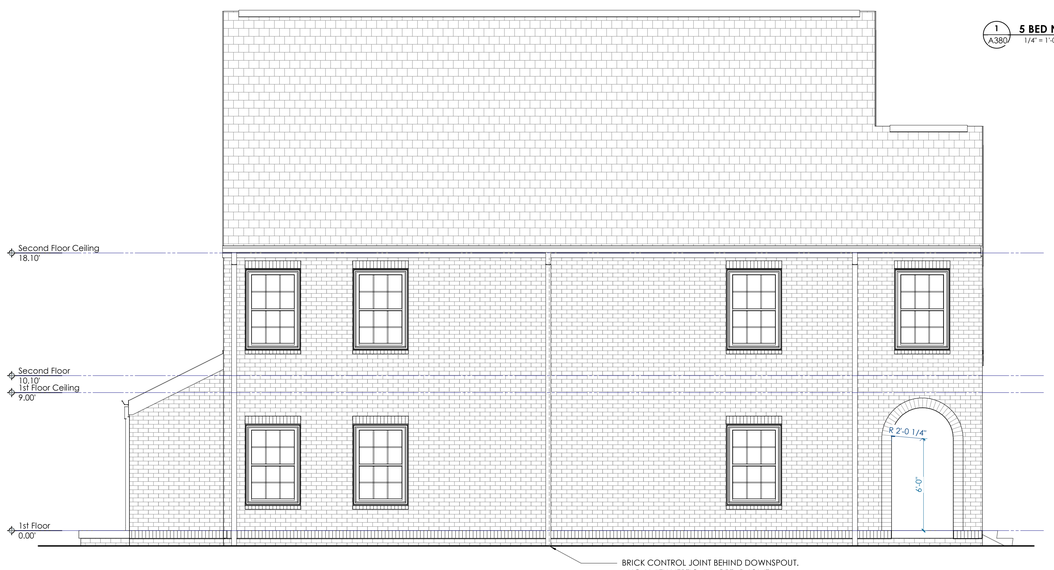
BINDING EDGE

BINDING EDGE

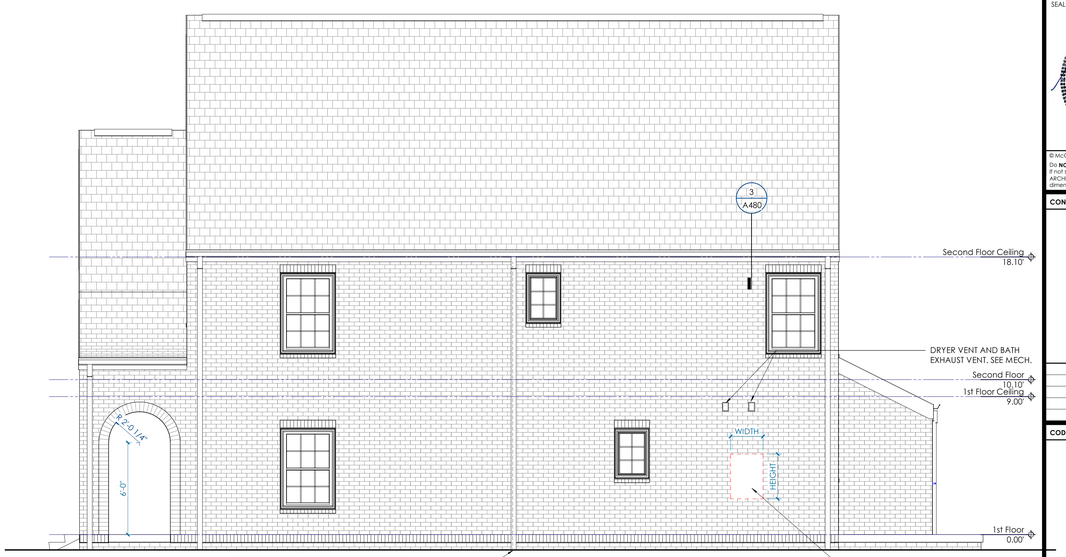
BINDING EDGE



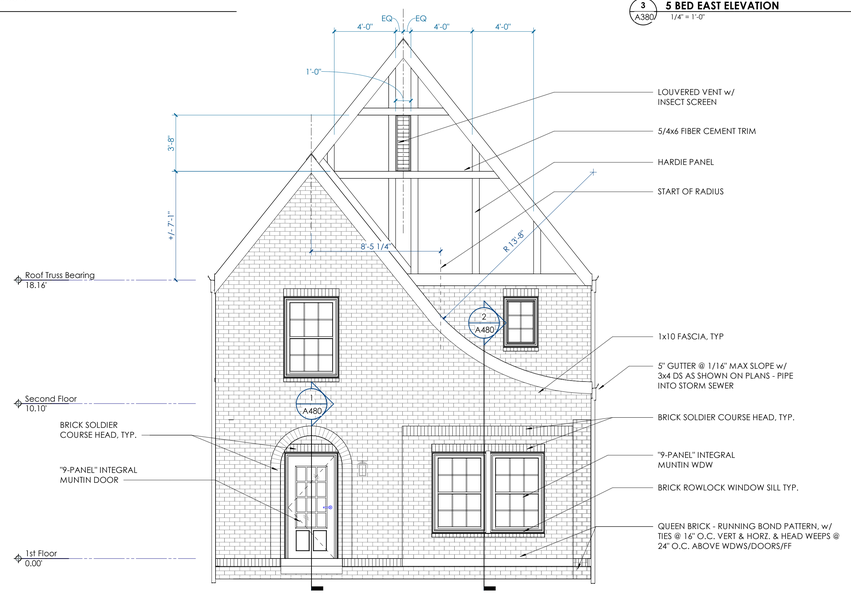
1 A380 **5 BED NORTH ELEVATION**
1/4" = 1'-0"



2 A380 **5 BED WEST ELEVATION**
1/4" = 1'-0"



3 A380 **5 BED EAST ELEVATION**
1/4" = 1'-0"



4 A380 **5 BED SOUTH ELEVATION**
1/4" = 1'-0"

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OAKLAND COURT REDEVELOPMENT

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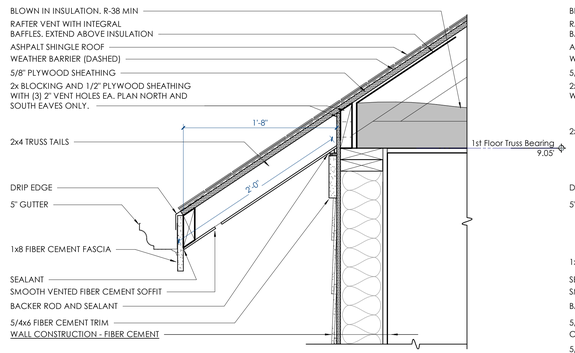
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

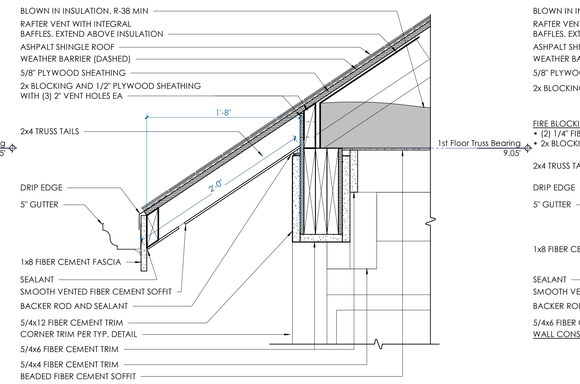
5.1.T - 5 BED SINGLE ELEVATIONS - TUDOR

DRAWING NO:

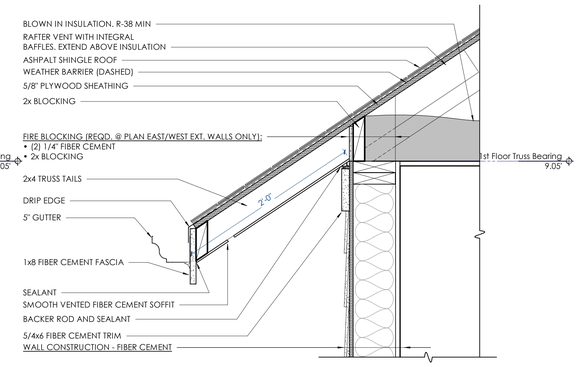
A380



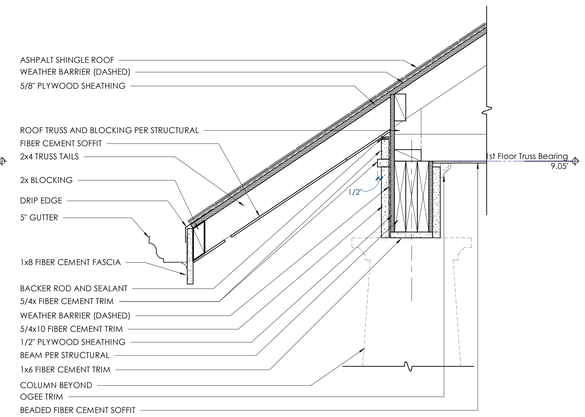
1 A410 **1.2.C/(u)- NORTH/SOUTH EAVE**
1 1/2" = 1'-0"



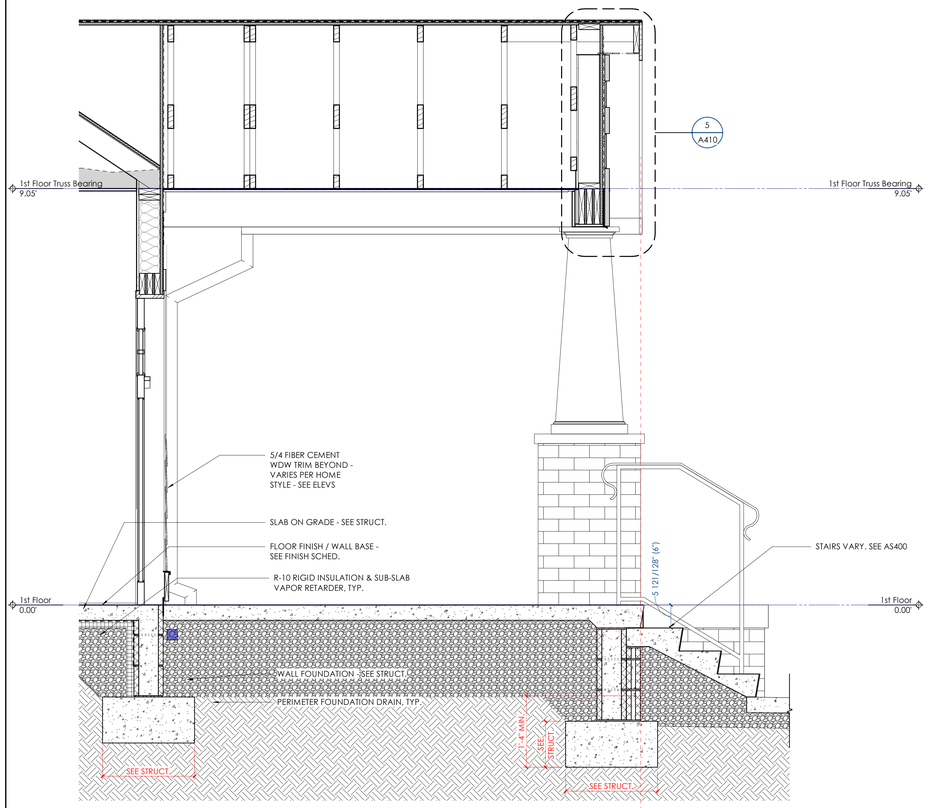
2 A410 **1.2.C/(u) EAVE @ REAR ENTRY**
1 1/2" = 1'-0"



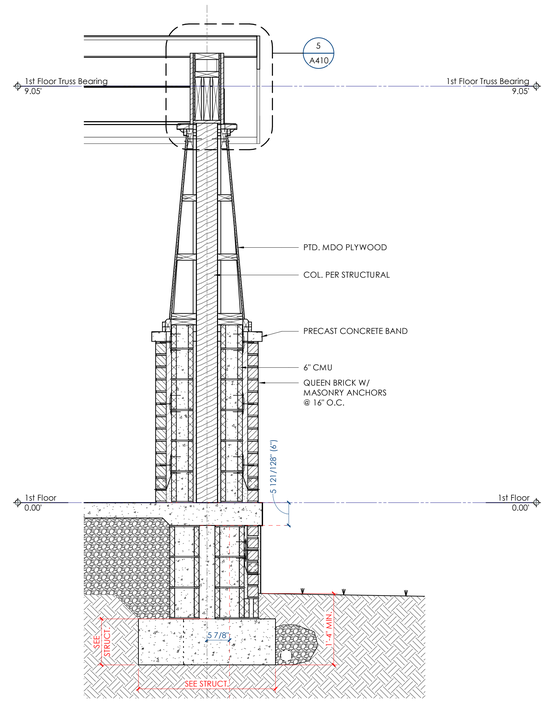
3 A410 **1.2.C/(u) EAST/WEST EAVE**
1 1/2" = 1'-0"



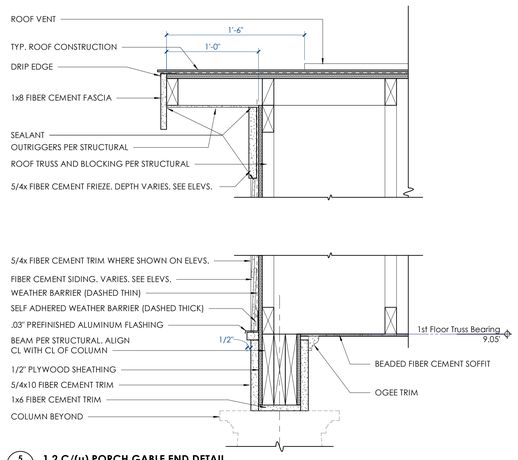
4 A410 **1.2.C/(u) TYP. PORCH EAVE**
1 1/2" = 1'-0"



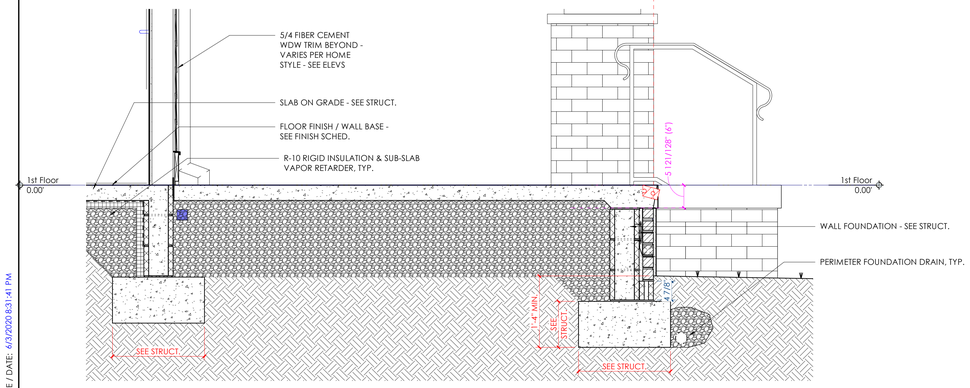
6 A410 **1.2.C - PORCH SECTION**
3/4" = 1'-0"



7 A410 **1.2.C - PORCH SECTION THROUGH TAPERED COLUMN**
3/4" = 1'-0"



5 A410 **1.2.C/(u) PORCH GABLE END DETAIL**
1 1/2" = 1'-0"



8 A410 **1.2.C - PORCH EDGE DETAIL**
3/4" = 1'-0"

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

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CHECKED BY:	Project.Checked By

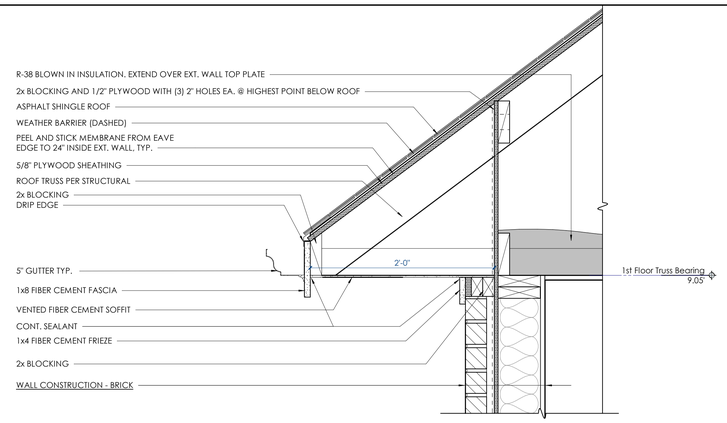
DRAWING TITLE:

1.2.C & 1.2.C(u) - 1 BED DUPLEX DETAILS - CRAFTSMAN

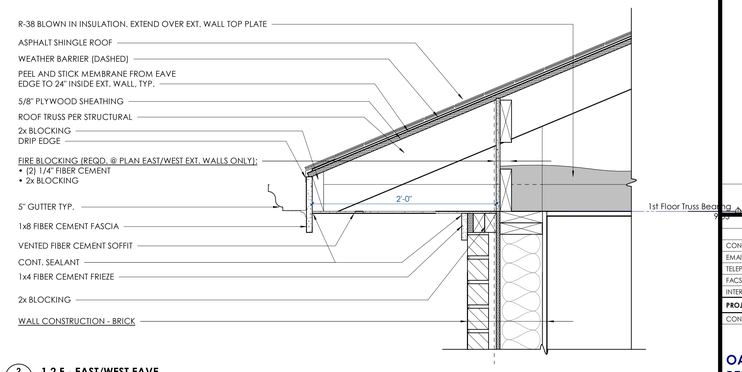
DRAWING NO:

A410

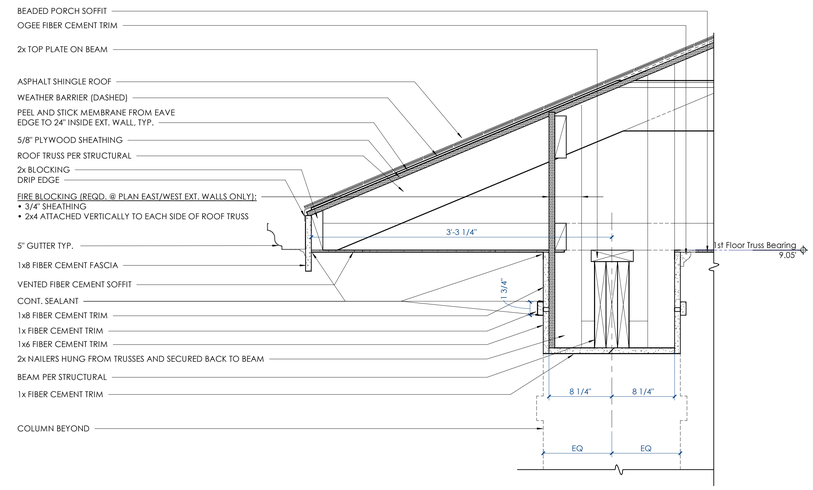
BINDING EDGE



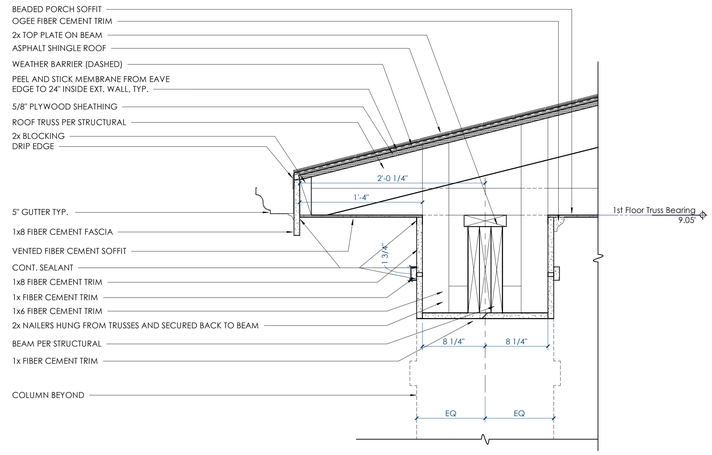
1 A411 **1.2.F - NORTH/SOUTH EAVE**
1 1/2" = 1'-0"



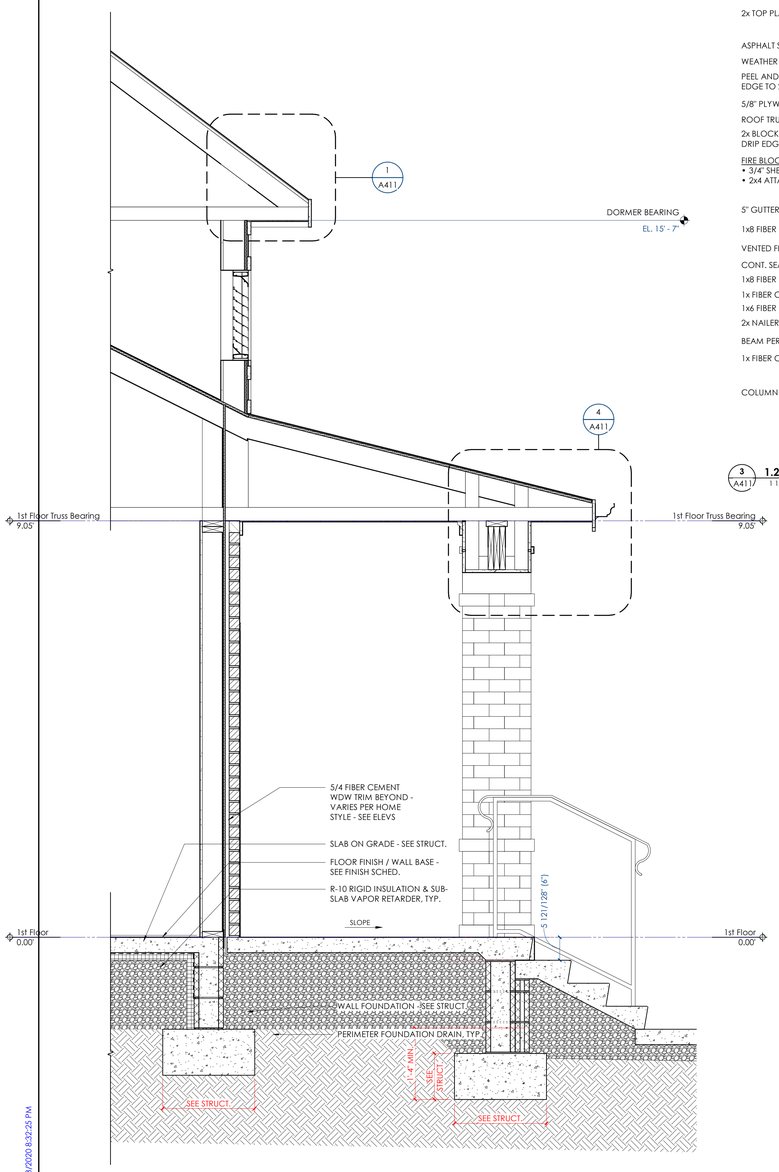
2 A411 **1.2.F - EAST/WEST EAVE**
1 1/2" = 1'-0"



3 A411 **1.2.F - EAST/WEST PORCH EAVE**
1 1/2" = 1'-0"



4 A411 **1.2.F - SOUTH PORCH EAVE**
1 1/2" = 1'-0"



5 A411 **1.2.F - PORCH SECTION**
3/4" = 1'-0"

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:32:25 PM

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ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

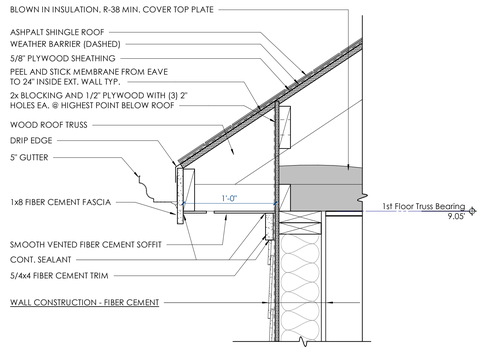
DRAWING TITLE:

1.2.F - 1 BED DUPLEX DETAILS - 4 SQUARE

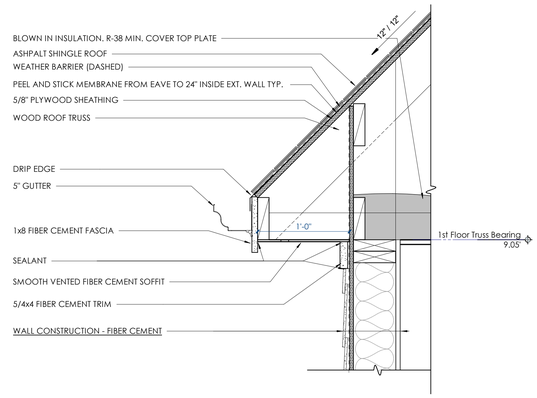
DRAWING NO:

A411

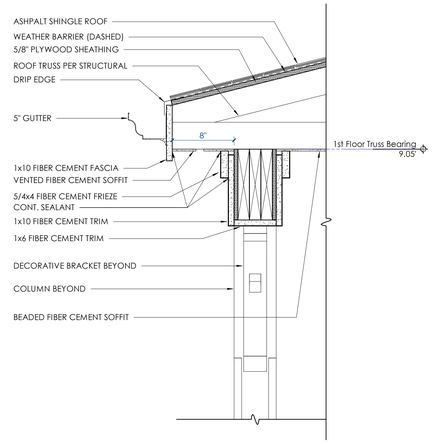
BINDING EDGE



1 A420 **2.1.V - NORTH/SOUTH EAVE DETAIL**
1 1/2" = 1'-0"

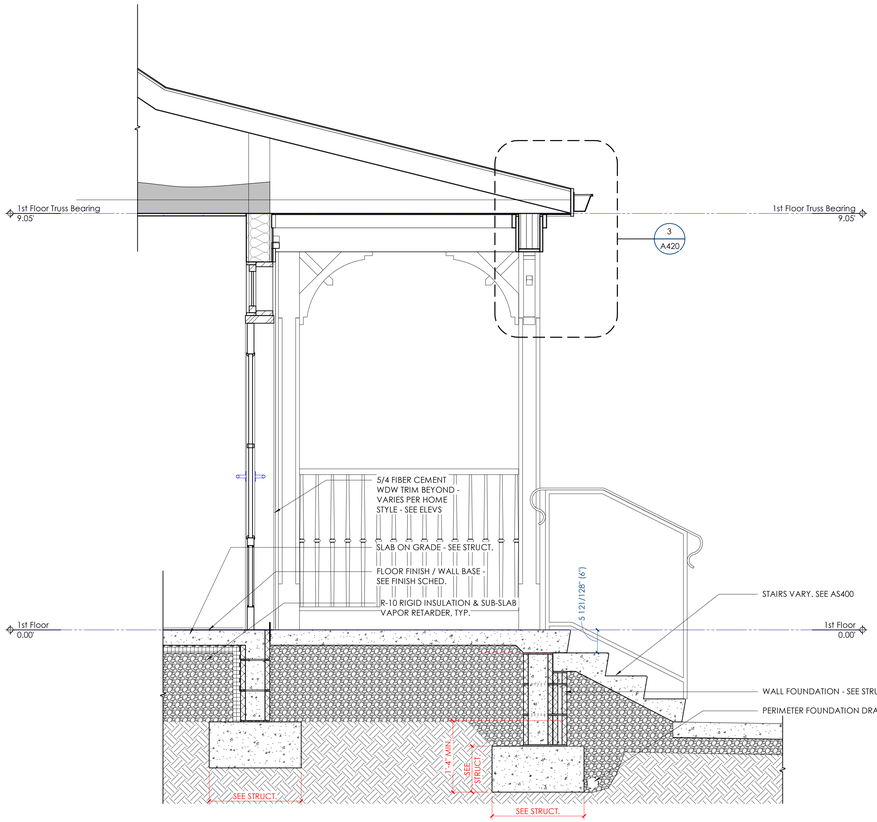


2 A420 **2.1.V - EAST/WEST EAVE DETAIL**
1 1/2" = 1'-0"

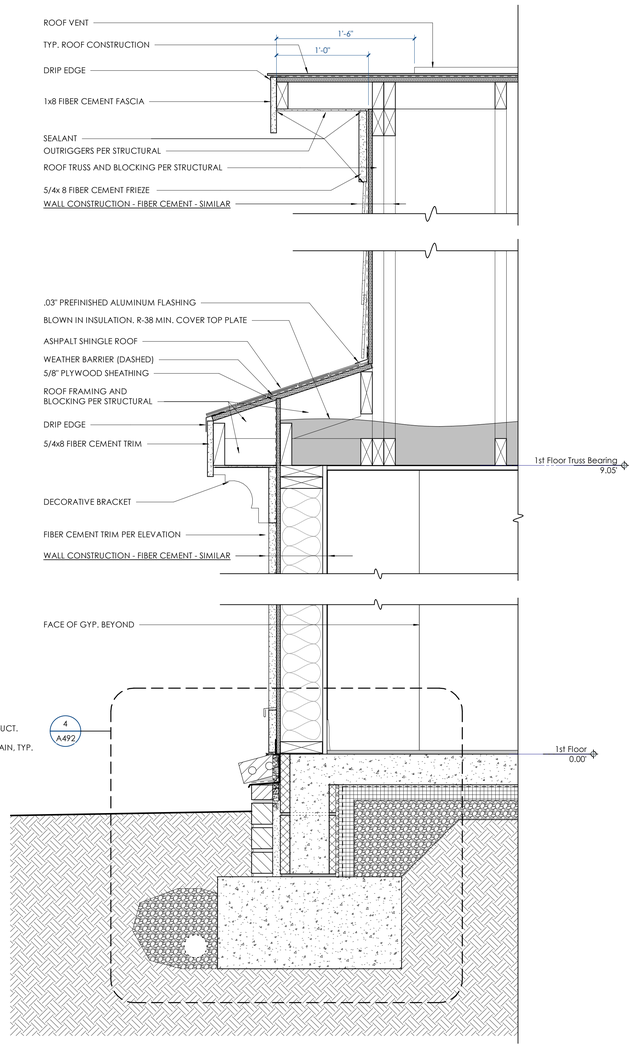


3 A420 **2.1.V - TYP PORCH EAVE**
1 1/2" = 1'-0"

BINDING EDGE



4 A420 **2.1.V - PORCH SECTION**
3/4" = 1'-0"



5 A420 **2.1.V - SECTION THROUGH BAY WINDOW**
1 1/2" = 1'-0"

BINDING EDGE

TIME / DATE: 6/3/2020 8:33:12 PM

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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
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- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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KEY PLAN:

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DRAWING INFORMATION

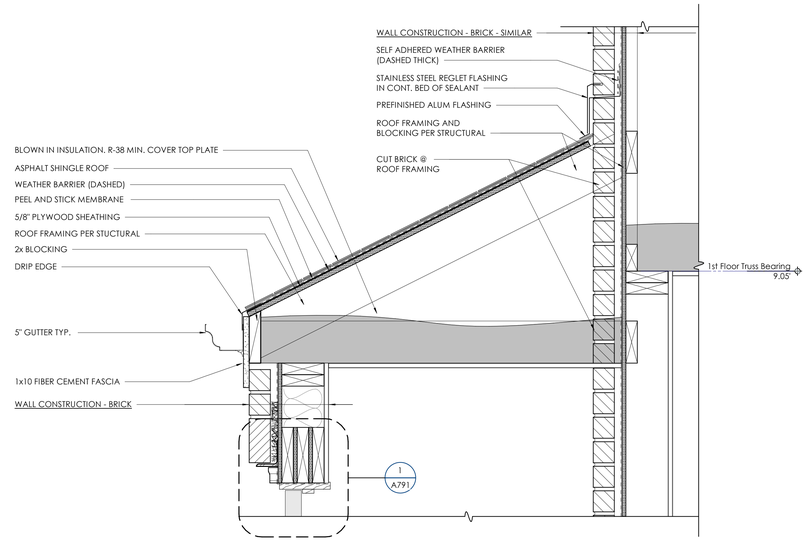
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

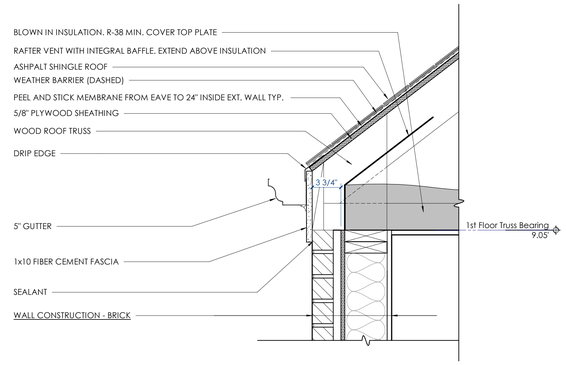
2.1.V - 2 BED SINGLE DETAILS - VICTORIAN

DRAWING NO:

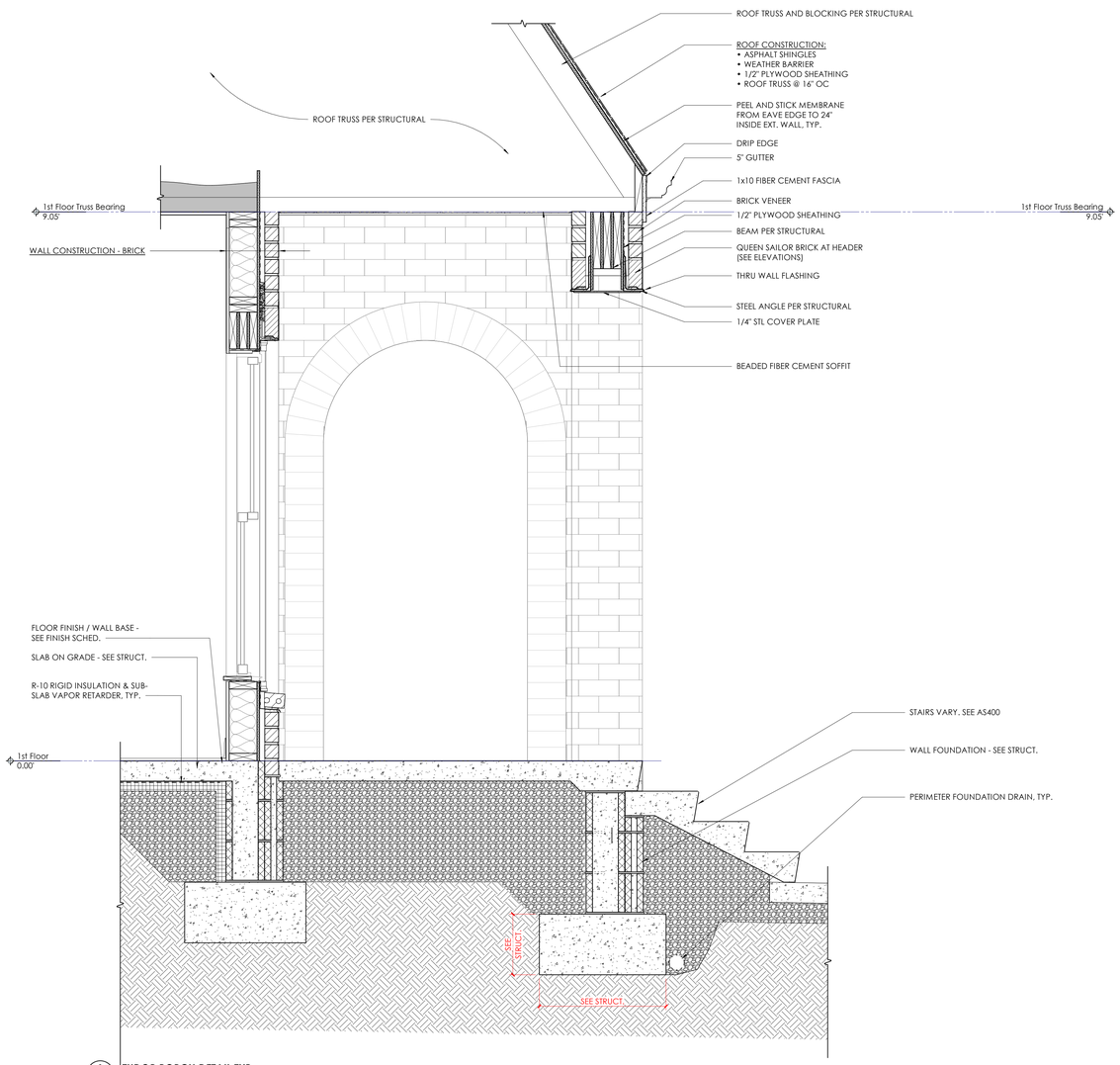
A420



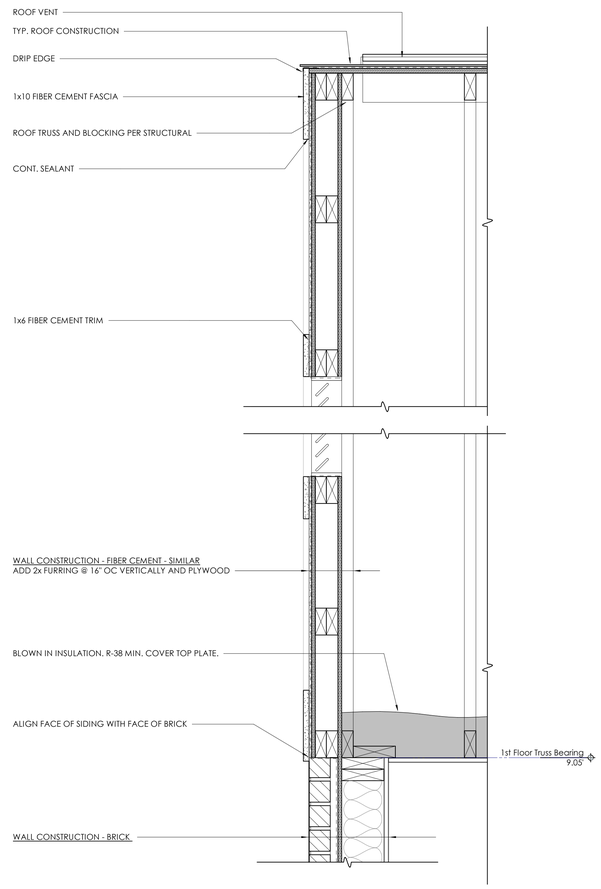
1 A421 **2.1.T - REAR STORAGE ROOF SECTION**
1 1/2" = 1'-0"



2 A421 **2.1.T - EAST/WEST FASCIA DETAIL**
1 1/2" = 1'-0"



3 A421 **TUDOR PORCH DETAIL TYP.**
1" = 1'-0"



4 A421 **2.1.T - GABLE ENDS WITH FIBER CEMENT**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:33:50 PM

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PROJECT INFORMATION
CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
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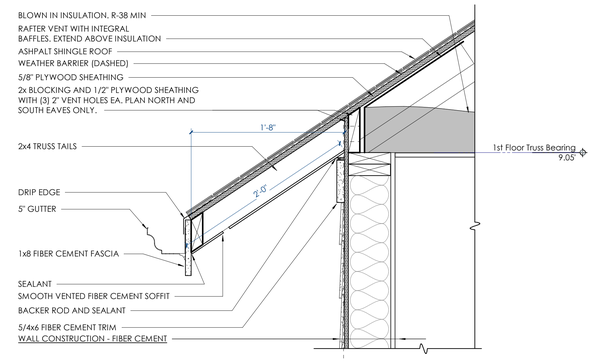
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

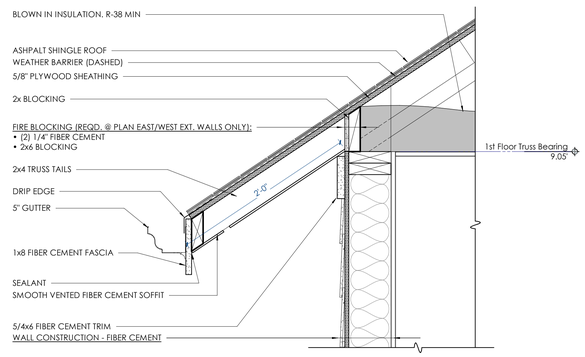
2.1.T - 2 BED SINGLE DETAILS - TUDOR

DRAWING NO:

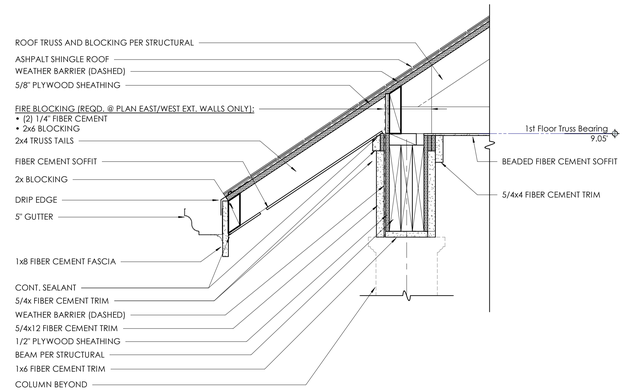
A421



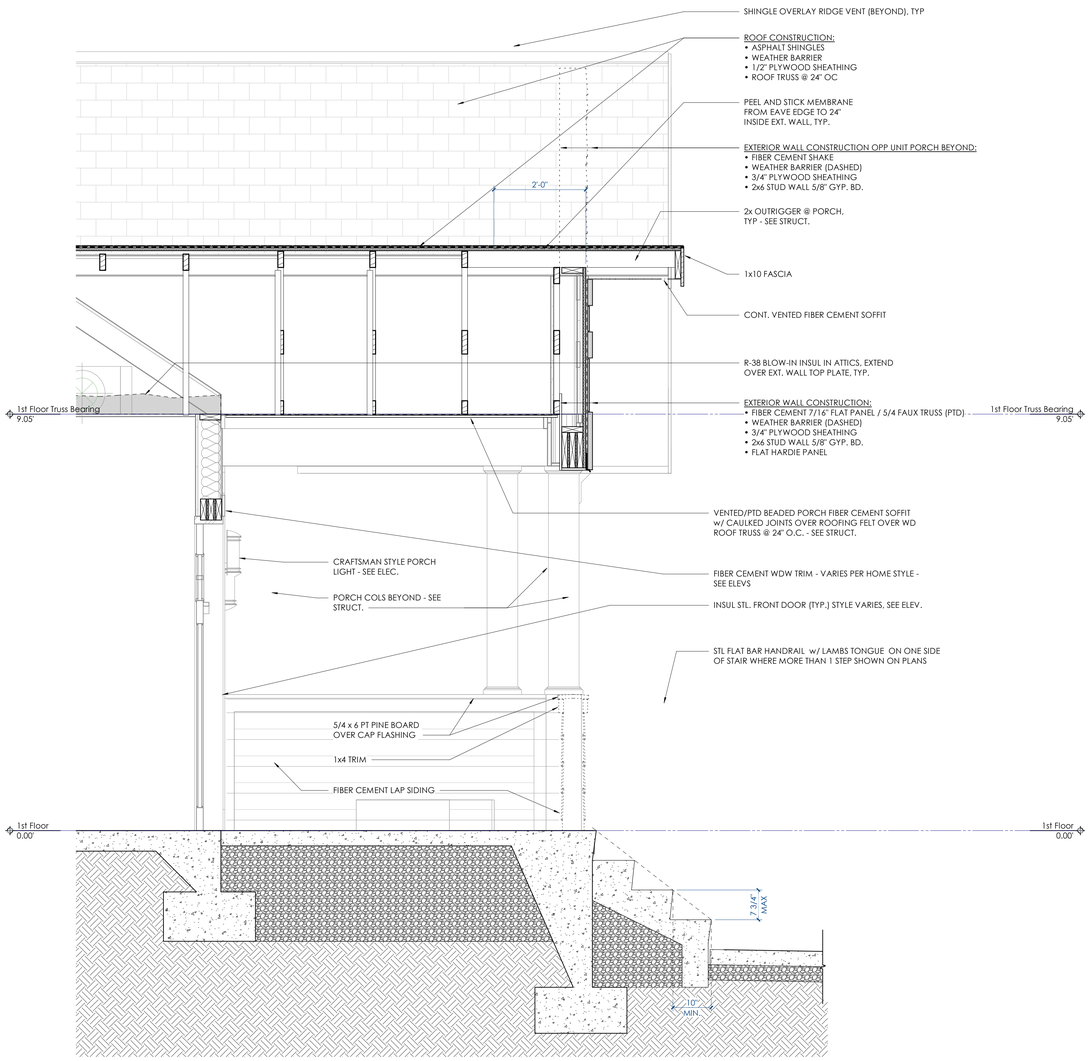
1 A430 **2.2.C(u) - NORTH/SOUTH EAVE DETAIL**
1 1/2" = 1'-0"



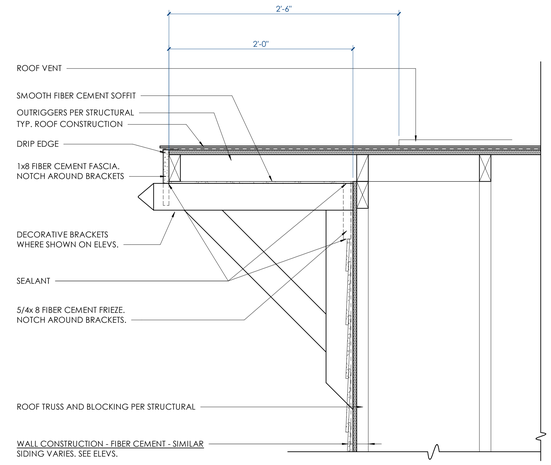
2 A430 **2.2.C(u) - EAST/WEST EAVE**
1 1/2" = 1'-0"

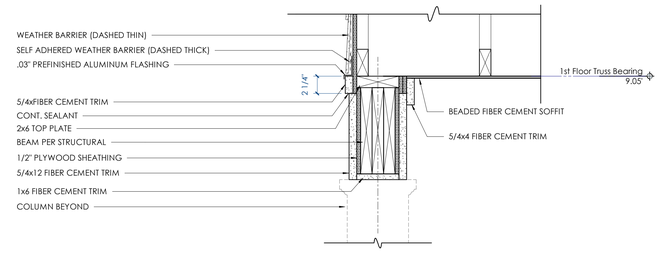


3 A430 **2.2.C(u) - EAST/WEST PORCH EAVE**
1 1/2" = 1'-0"



5 A430 **2.2.C PORCH SECTION**
3/4" = 1'-0"





4 A430 **2.2.C/(u) - PORCH GABLE END DETAIL**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:34:42 PM

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PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
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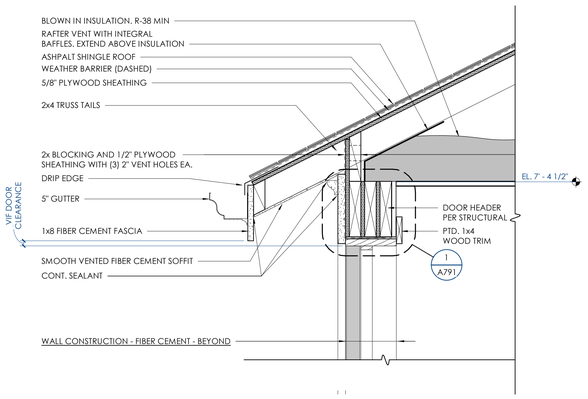
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

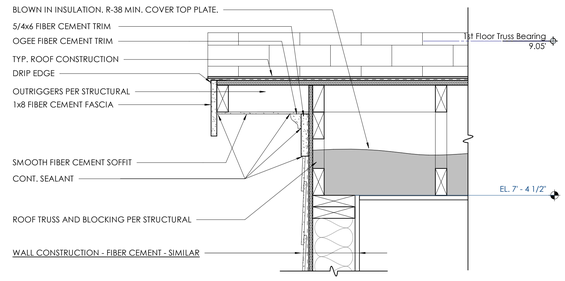
2.2.C - 2 BED DUPLEX DETAILS - CRAFTSMAN

DRAWING NO:

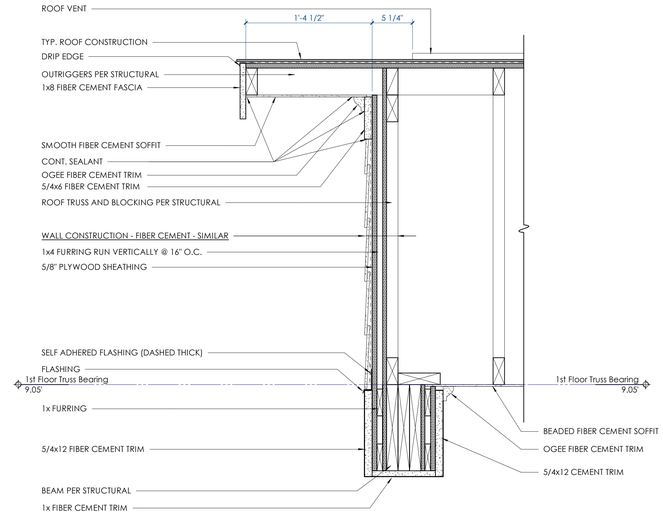
A430



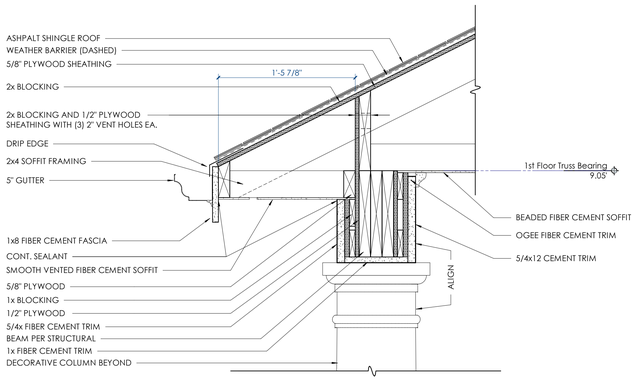
1 A445 **3.1.CO(u) - STORAGE NORTH EAVE**
1 1/2" = 1'-0"



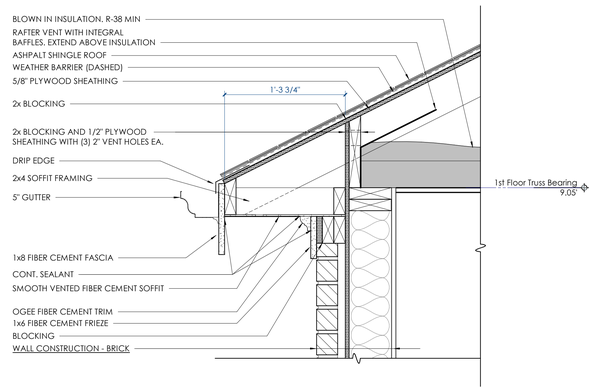
2 A445 **3.1.CO(u) - STORAGE EAST/WEST EAVE**
1 1/2" = 1'-0"



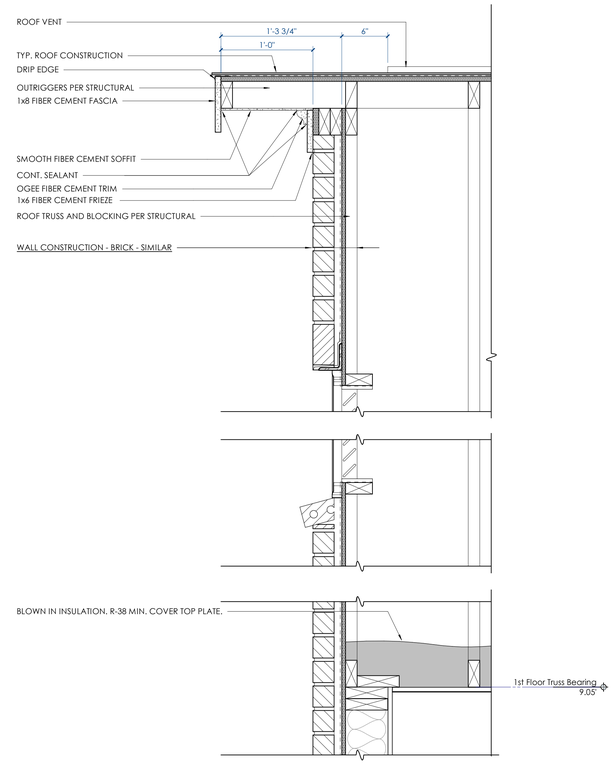
3 A445 **3.1.CO(u) - PORCH GABLE END**
1 1/2" = 1'-0"



4 A445 **3.1.CO(u) - PORCH SECTION**
1 1/2" = 1'-0"



5 A445 **3.1.CO(u) - TYP. EAVE SECTION**
1 1/2" = 1'-0"



6 A445 **3.1.CO(u) - TYP. GABLE END**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:35:44 PM

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

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SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / ...
DRAWN BY:	Author
CHECKED BY:	Project.Checked By.

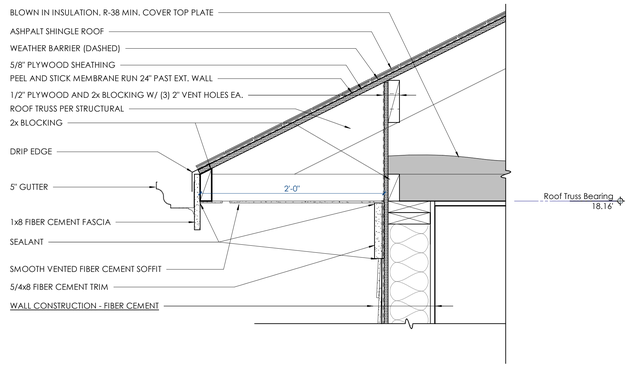
DRAWING TITLE:

3.1.CO - 3 BED SINGLE DETAILS - COLONIAL

DRAWING NO:

A445

BINDING EDGE



5 A450 **3.2.Fa - NORTH/SOUTH 2ND FLOOR EAVE**
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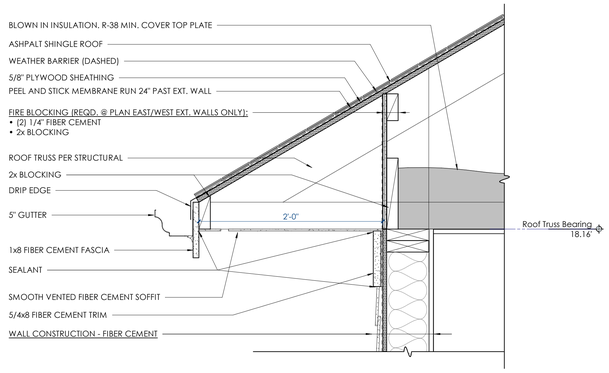
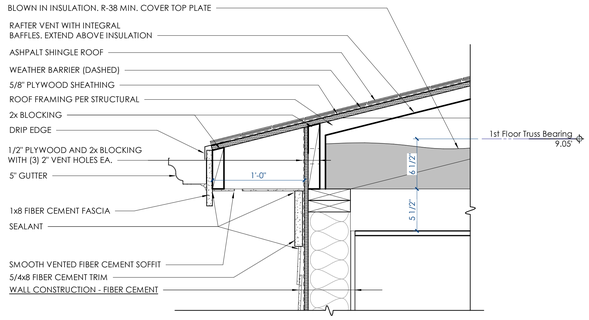
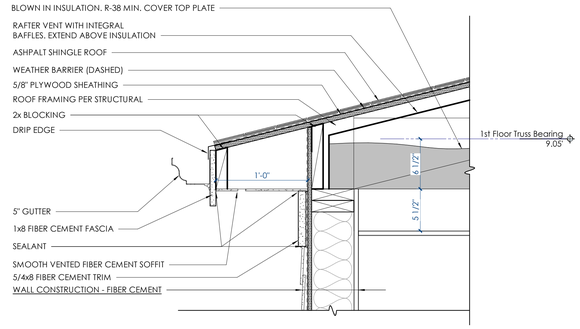


6 A450 **3.2.Fa - EAST/WEST 2ND FLOOR EAVE**
1 1/2" = 1'-0"

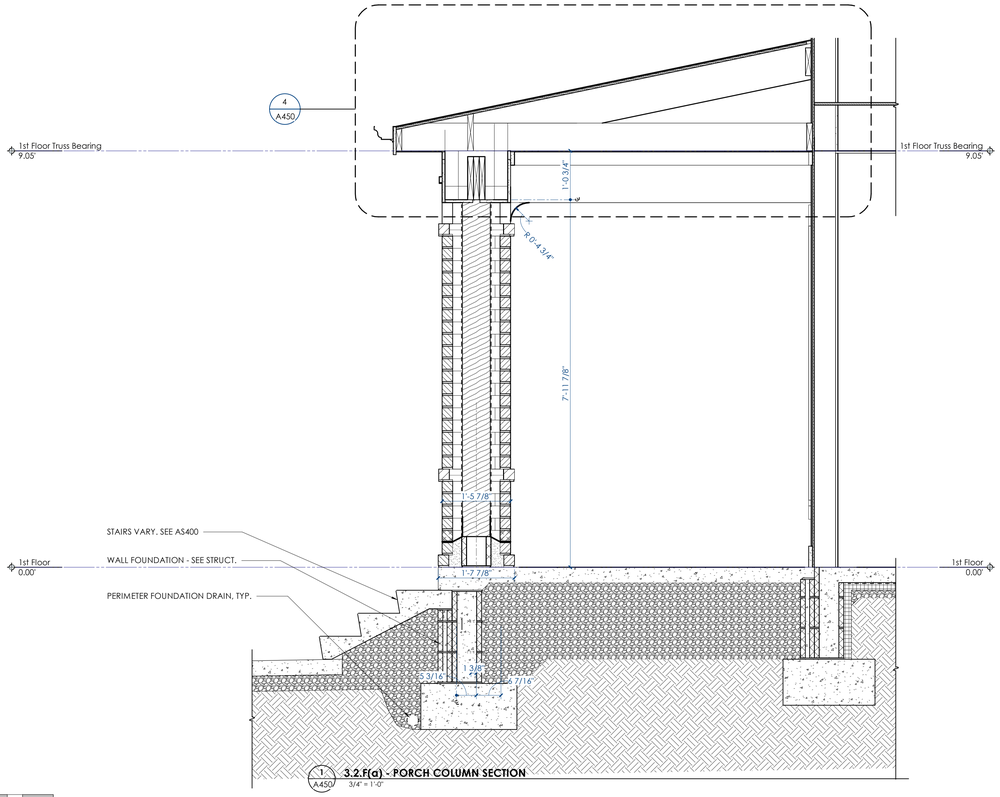


2 A450 **3.2.Fa - NORTH/SOUTH 1ST FLOOR EAVE**
1 1/2" = 1'-0"

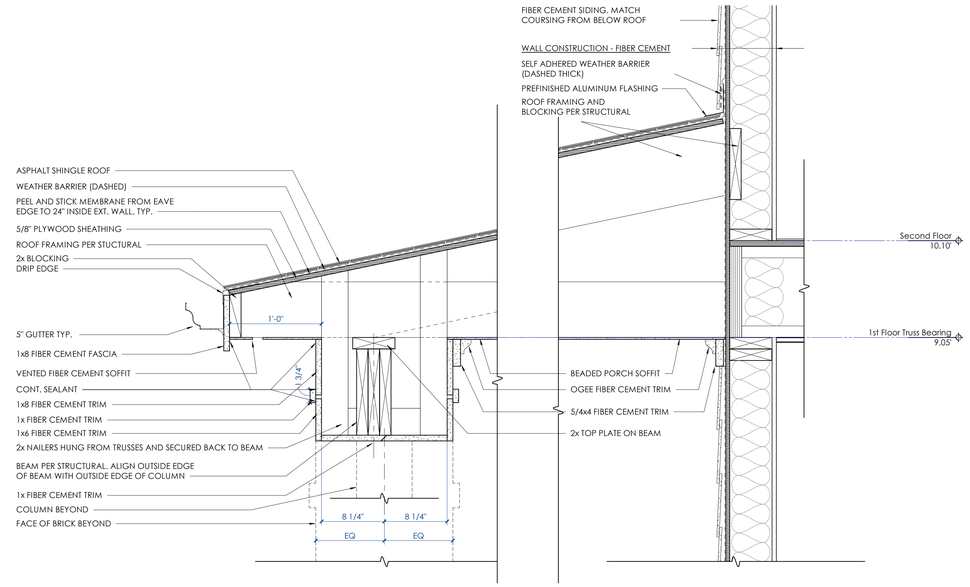


3 A450 **3.2.Fa - EAST/WEST 1ST FLOOR EAVE**
1 1/2" = 1'-0"

BINDING EDGE



1 A450 **3.2.F(a) - PORCH COLUMN SECTION**
3/4" = 1'-0"



4 A450 **4.2.Fa - PORCH EAVE**
1 1/2" = 1'-0"

TIME / DATE: 6/3/2020 8:36:02 PM

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HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

19035

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

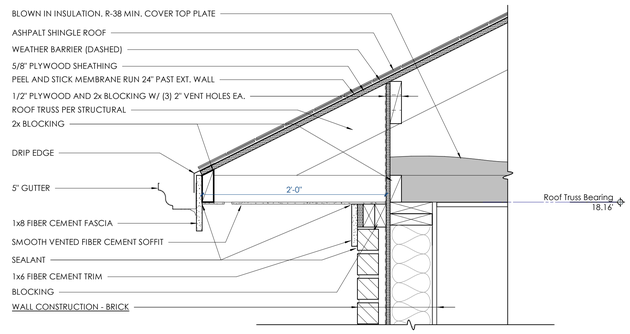
No.	Date	Description

DRAWING INFORMATION

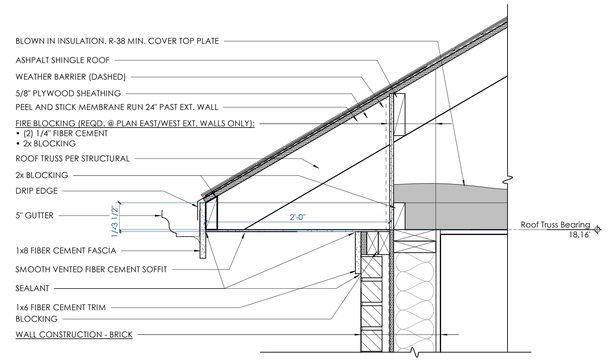
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
3.2.Fa - 3 BED DUPLEX DETAILS - 4 SQUARE (FIBER CEMENT)

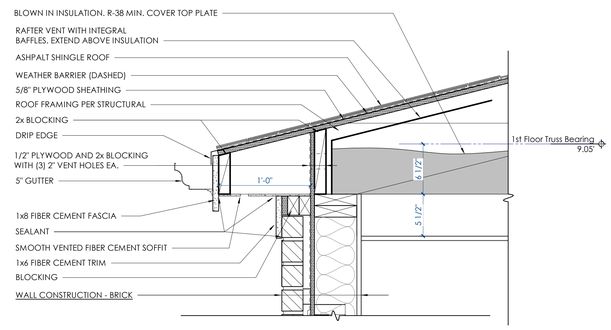
DRAWING NO:
A450



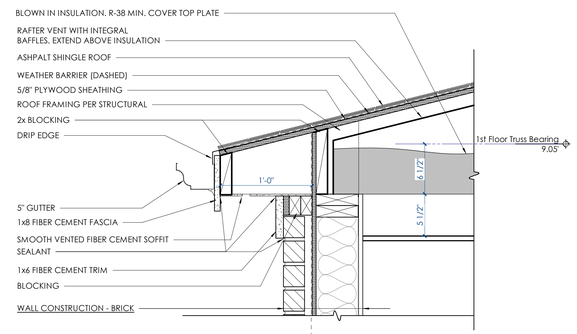
4 A451 **3.2.Fb - NORTH/SOUTH 2ND FLOOR EAVE**
1 1/2" = 1'-0"



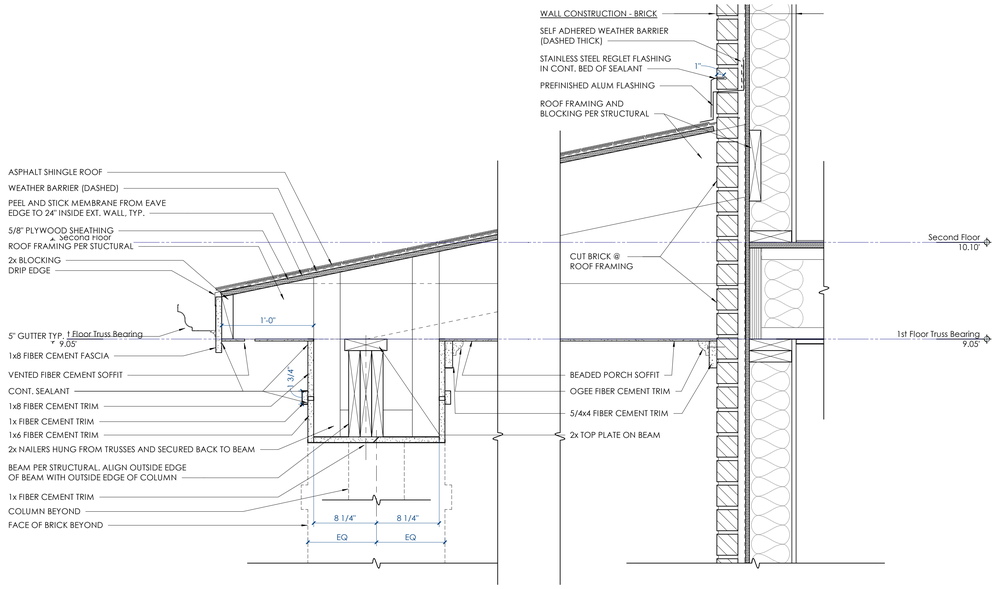
5 A451 **3.2.Fb - EAST/WEST 2ND FLOOR EAVE**
1 1/2" = 1'-0"



1 A451 **3.2.Fb - NORTH/SOUTH 1ST FLOOR EAVE**
1 1/2" = 1'-0"



2 A451 **3.2.Fb - EAST/WEST 1ST FLOOR EAVE**
1 1/2" = 1'-0"



3 A451 **4.2.Fb - PORCH EAVE**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

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PROJECT INFORMATION

CONTRACT:	SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / .
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

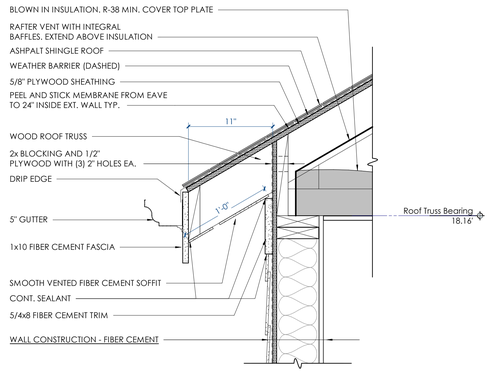
DRAWING TITLE:

3.2.Fb - 3 BED DUPLEX DETAILS - 4 SQUARE (BRICK)

DRAWING NO:

A451

BINDING EDGE



4 A460 **3.3.V - TYP. SECOND FLOOR EAVE**
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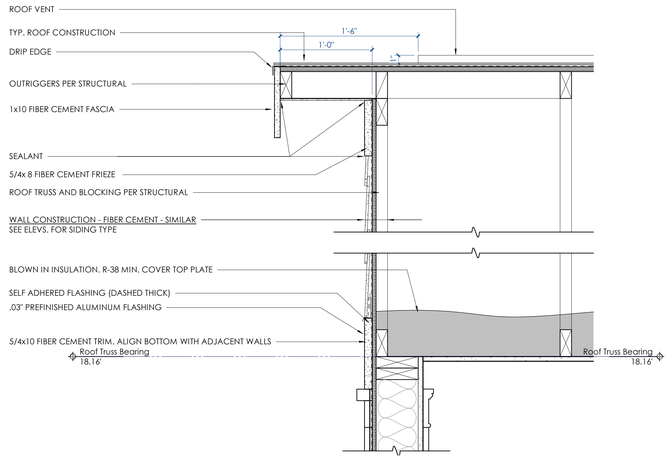
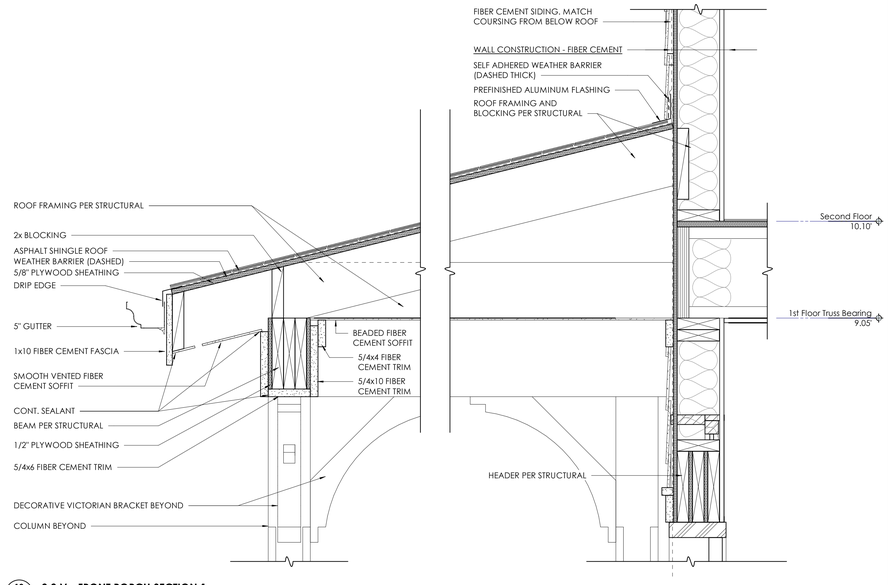
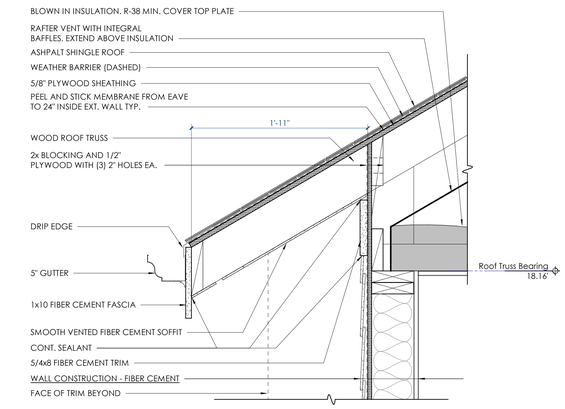


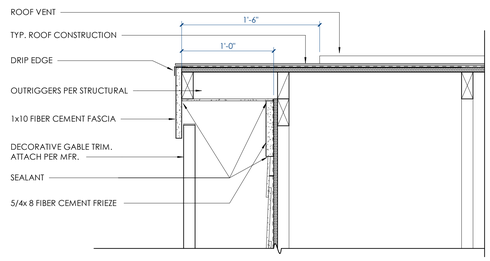
10 A460 **3.3.V - EAST/WEST GABLE END**
1 1/2" = 1'-0"

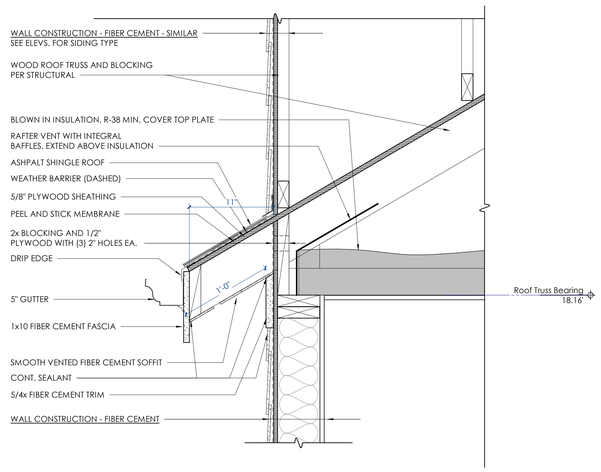


12 A460 **3.3.V - FRONT PORCH SECTION 1**
1 1/2" = 1'-0"

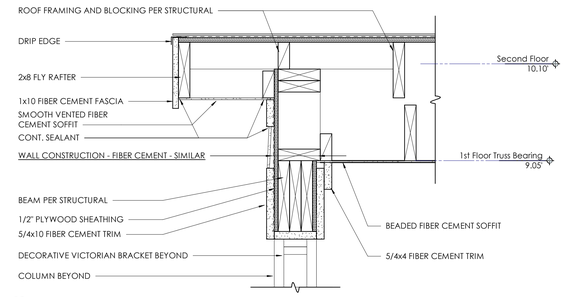


7 A460 **3.3.V - SECOND FLOOR FRONT MIDDLE EAVE**
1 1/2" = 1'-0"

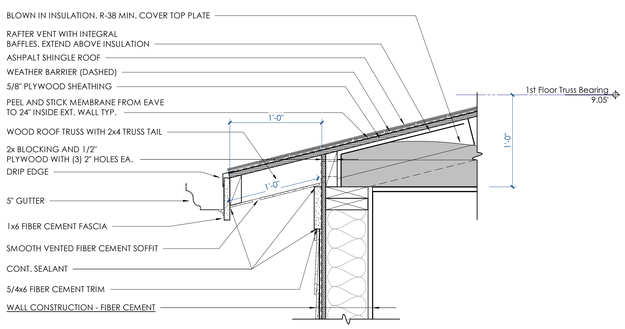




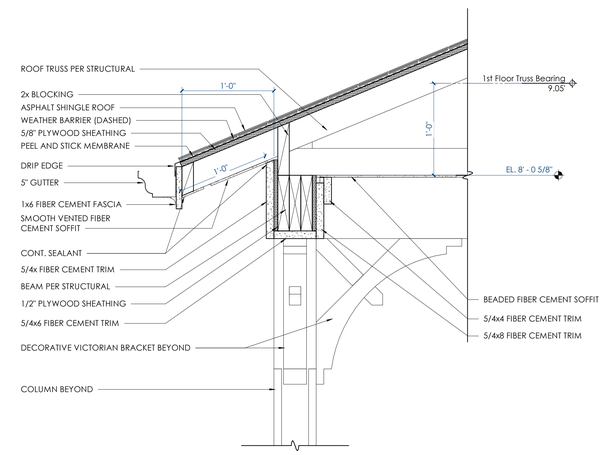
11 A460 **3.3.V - FRONT GABLE END**
1 1/2" = 1'-0"



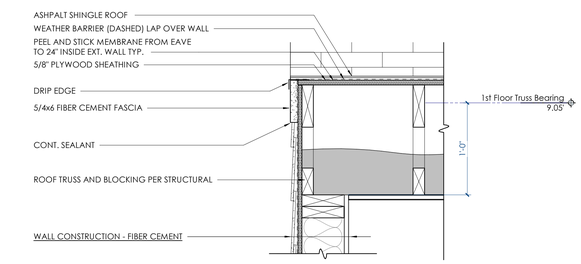
13 A460 **3.3.V - FRONT PORCH SECTION 2**
1 1/2" = 1'-0"



8 A460 **3.3.V - FIRST FLOOR EAVE**
1 1/2" = 1'-0"



14 A460 **3.3.V - REAR PORCH SECTION 1**
1 1/2" = 1'-0"



9 A460 **3.3.V - FIRST FLOOR EAVE 2**
1 1/2" = 1'-0"

TIME / DATE: 6/3/2020 8:38:29 PM

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ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
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- ☑ **CONSTRUCTION BIDDING PHASE**
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SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

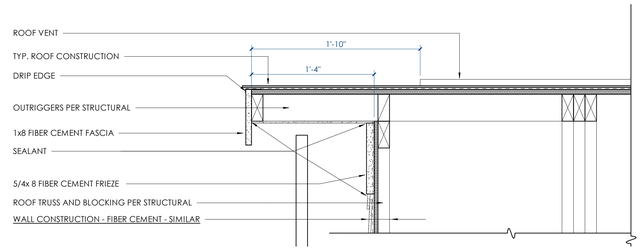
DRAWING TITLE:
3.3.V - 3 BED TRIPLEX DETAILS - VICTORIAN

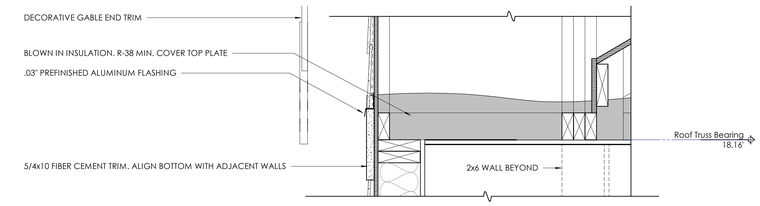
DRAWING NO:
A460

BINDING EDGE

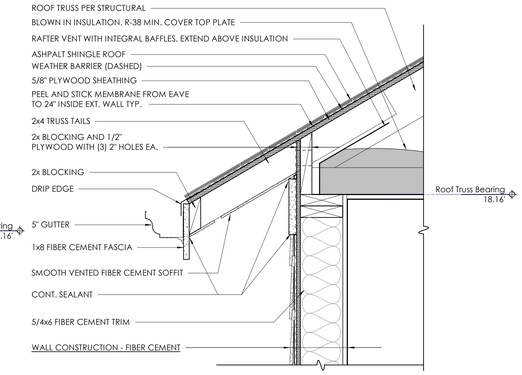
BINDING EDGE

BINDING EDGE





11 A470 **4.2.V - 2ND FLOOR SOUTH GABLE EAVE**
1 1/2" = 1'-0"



12 A470 **4.2.V - TYP. 2ND FLOOR NORTH/SOUTH EAVE**
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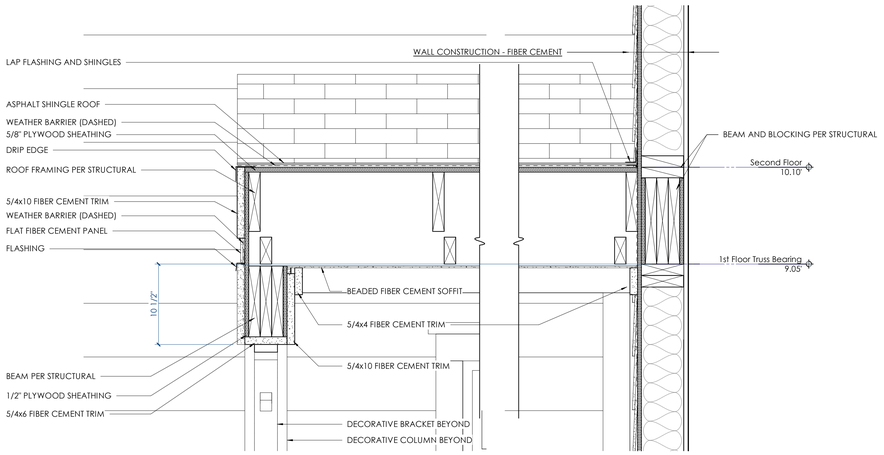

9 A470 **4.2.V - PORCH SECTION 2**
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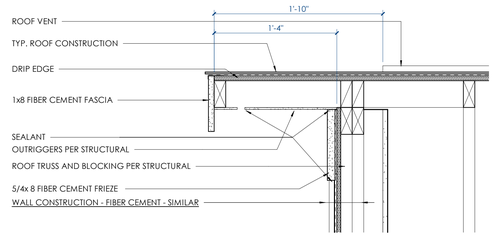
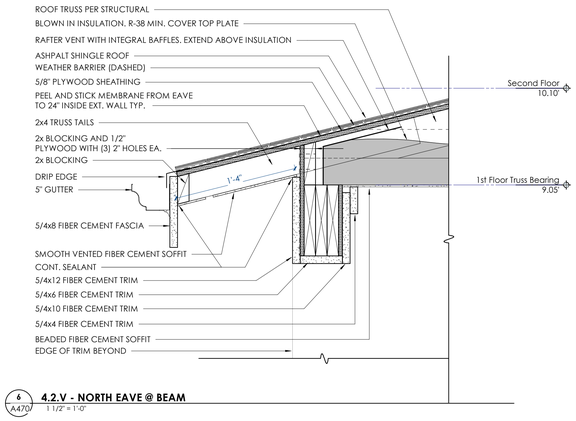
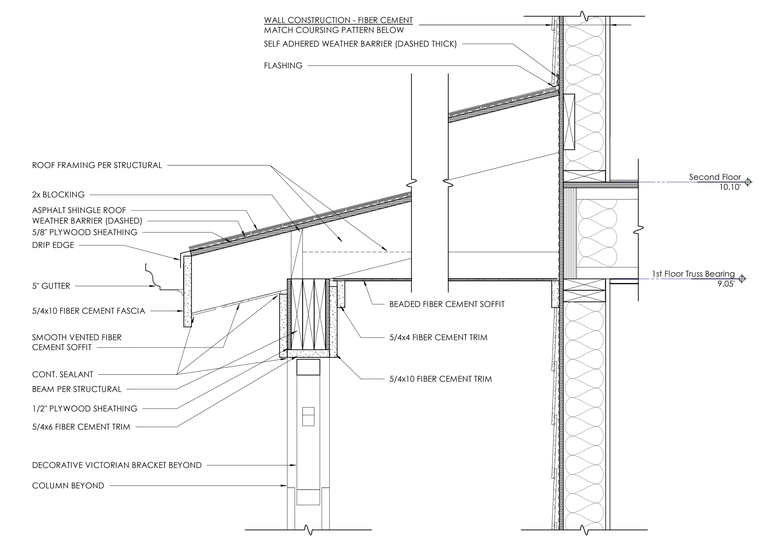


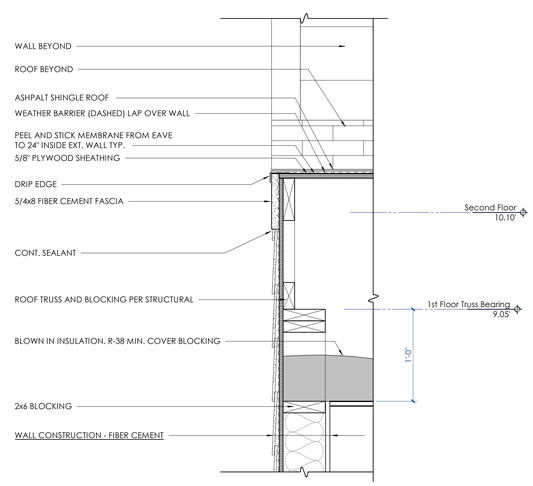
10 A470 **4.2.V - 2ND FLOOR EAST/WEST GABLE EAVE**
1 1/2" = 1'-0"



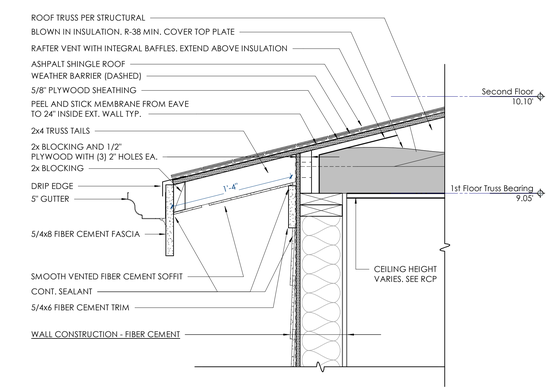
6 A470 **4.2.V - NORTH EAVE @ BEAM**
1 1/2" = 1'-0"



8 A470 **4.2.V - PORCH SECTION**
1 1/2" = 1'-0"



5 A470 **4.2.V - 1ST FLOOR EAST/WEST EAVE**
1 1/2" = 1'-0"



7 A470 **4.2.V - TYP. 1ST FLOOR NORTH EAVE**
1 1/2" = 1'-0"

TIME / DATE: 6/3/2020 8:39:57 PM

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HOLSAPLE
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DRAWN BY:	Author
CHECKED BY:	Project.Checked By

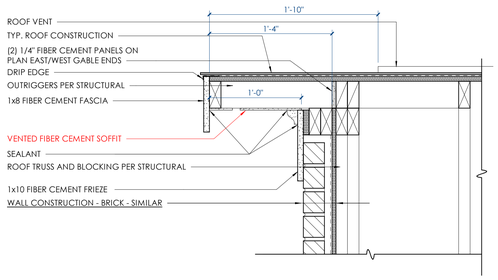
DRAWING TITLE:

4.2.V - 4 BED DUPLEX DETAILS - VICTORIAN

DRAWING NO:

A470

BINDING EDGE



2 A471 **4.2.CO - TYPICAL GABLE EAVE**
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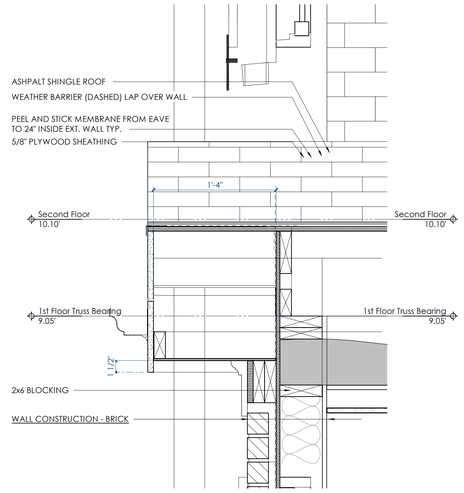
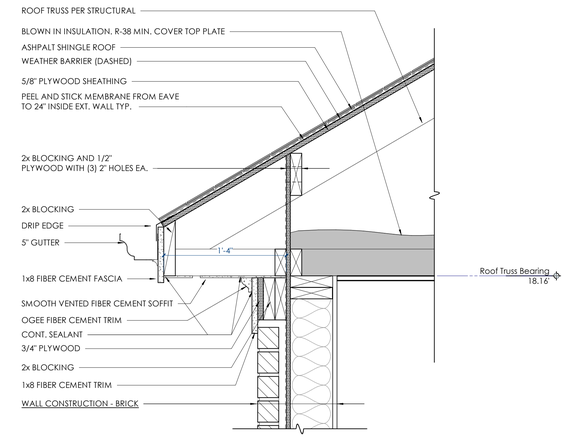
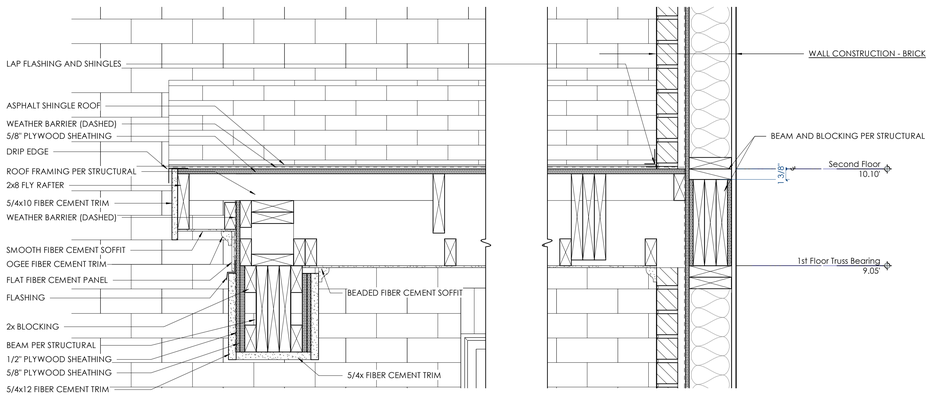


6 A471 **4.2.CO - 1ST FLOOR EAST/WEST EAVE**
1 1/2" = 1'-0"



8 A471 **4.2.CO - TYP. 2ND FLOOR NORTH/SOUTH EAVE**
1 1/2" = 1'-0"

BINDING EDGE



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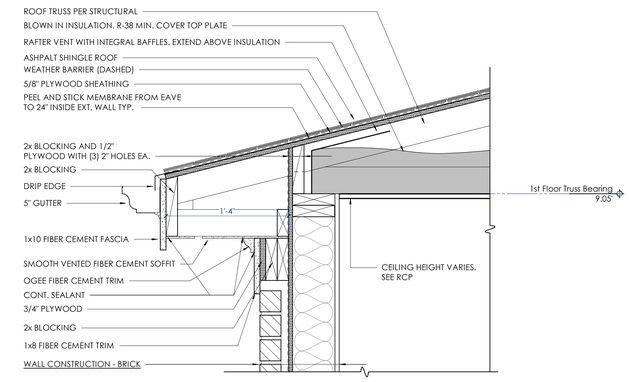
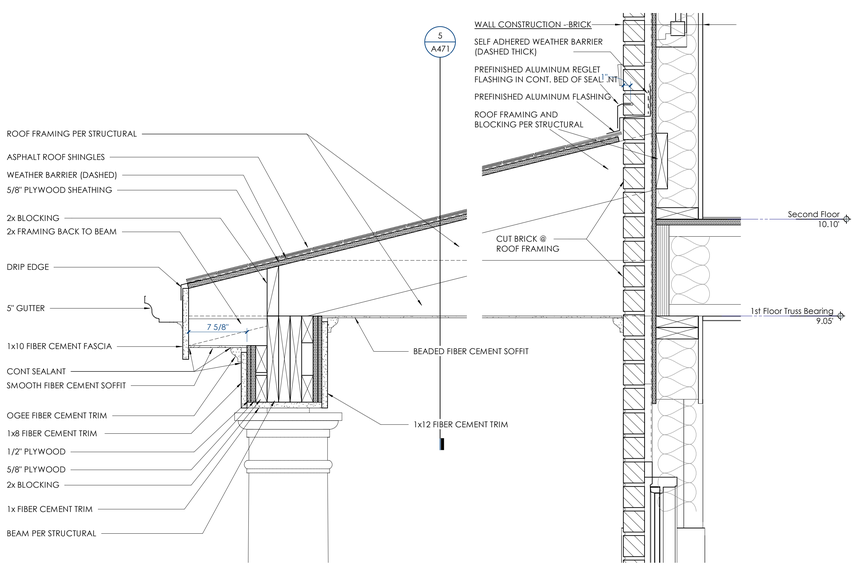
1 1/2" = 1'-0"

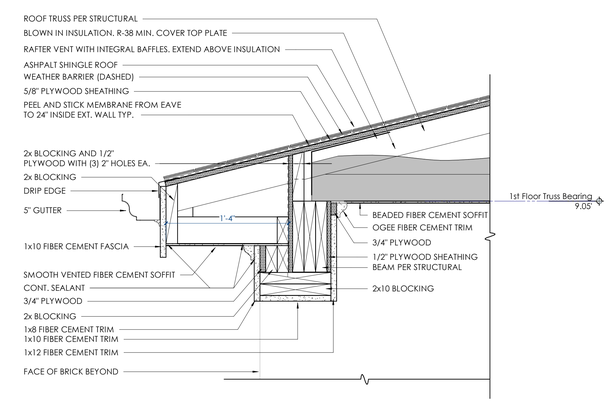


7 A471 **4.2.CO - TYP. 1ST FLOOR NORTH EAVE**
1 1/2" = 1'-0"

BINDING EDGE



4 A471 **4.2.CO - PORCH SECTION**
1 1/2" = 1'-0"



3 A471 **4.2.CO - NORTH EAVE @ BEAM**
1 1/2" = 1'-0"

TIME / DATE: 6/3/2020 8:41:15 PM

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PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

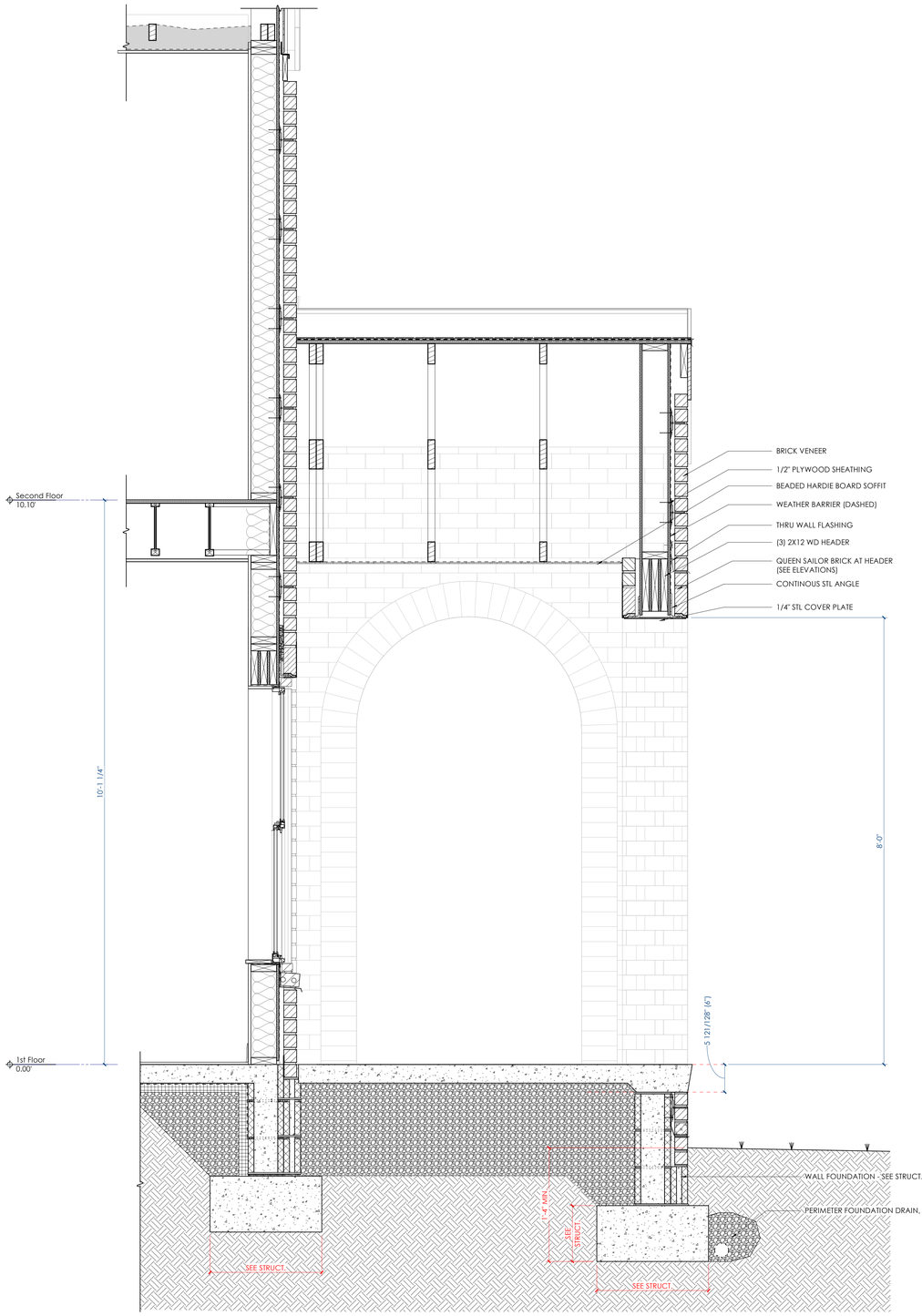
DRAWING TITLE:
4.2.CO - 4 BED DUPLEX DETAILS - COLONIAL

DRAWING NO:
A471

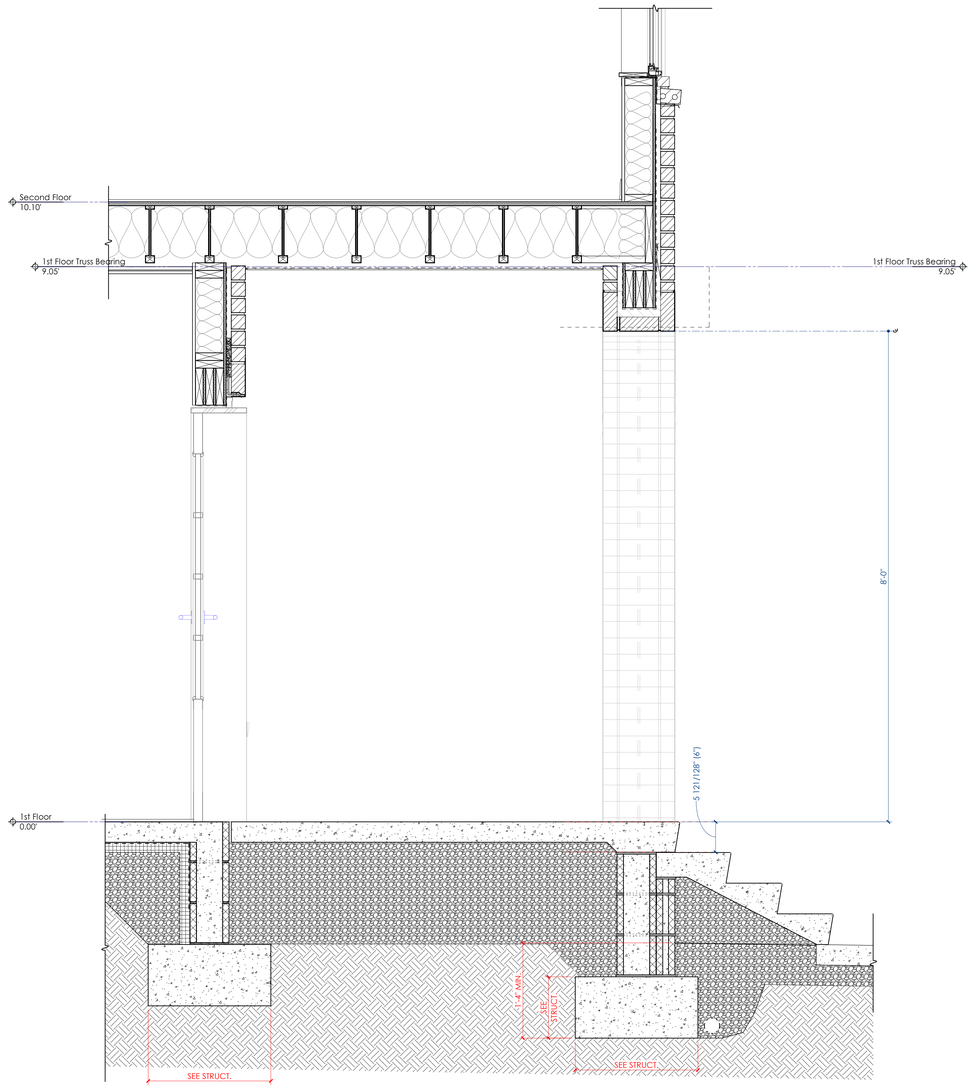
BINDING EDGE

BINDING EDGE

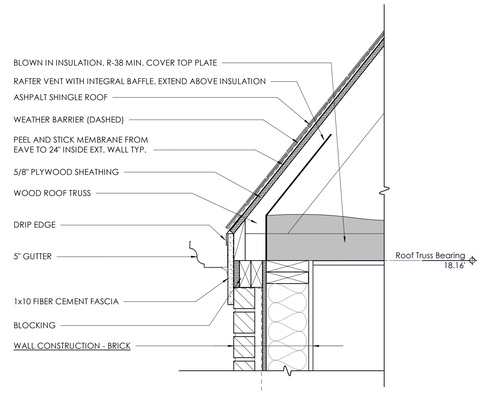
BINDING EDGE



2 A480 **TUDOR PORCH DETAIL @ SQUARE ARCHWAY**
1" = 1'-0"



1 A480 **TUDOR PORCH DETAIL @ ARCHWAY**
1" = 1'-0"



3 A480 **5.1.T - TYP. EAVE DETAIL**
1 1/2" = 1'-0"

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

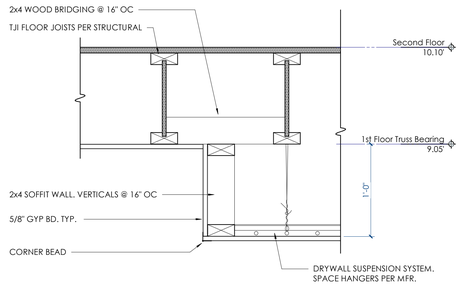
DRAWING TITLE:

5.1.T - 5 BED SINGLE DETAILS - TUDOR

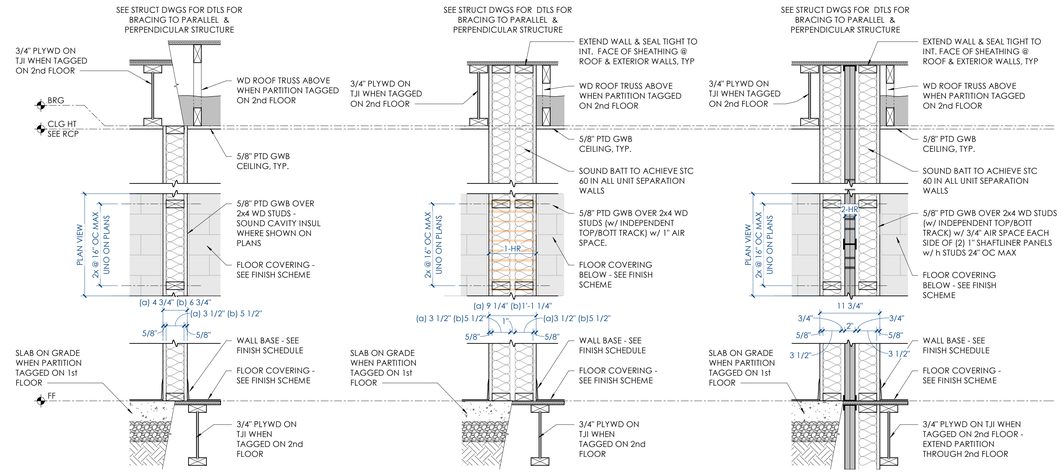
DRAWING NO:

A480

TIME / DATE: 6/3/2020 8:41:51 PM



9 A490 **TYPICAL INTERIOR SOFFIT DETAIL**
1 1/2" = 1'-0"



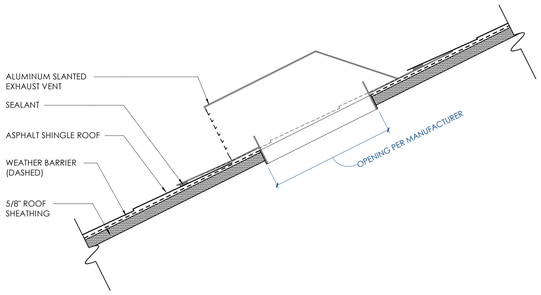
W1 NON-RATED WOOD STUD PARTITION
1"=1'

W1a - 2x4 STUDS
W1b - 2x6 STUDS
W1c - 2x4 STUDS w/ GWB ONE SIDE

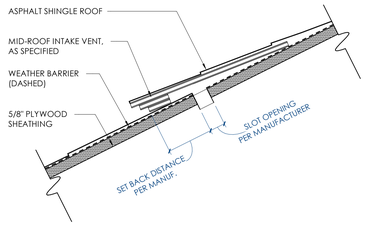
W2 1 HOUR RATED WOOD STUD PARTITION
1"=1' UL#U341

W2a - 2x4 STUDS
W2b - 2x6 STUDS

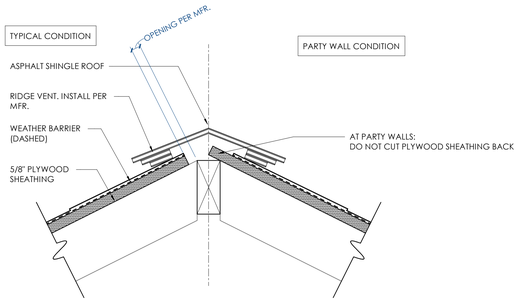
W3 2 HOUR RATED SHAFT WALL PARTITION
1"=1' UL#U373



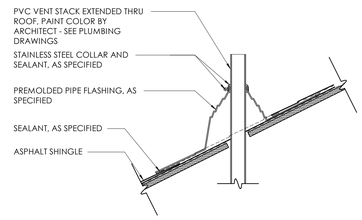
6 A490 **ROOF EXHAUST VENT**
3" = 1'-0"



5 A490 **MID ROOF INTAKE VENT**
3" = 1'-0"

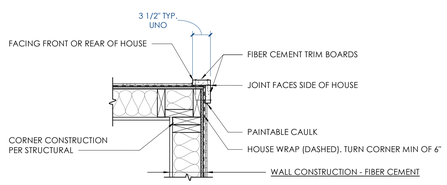


8 A490 **RIDGE VENT**
3" = 1'-0"

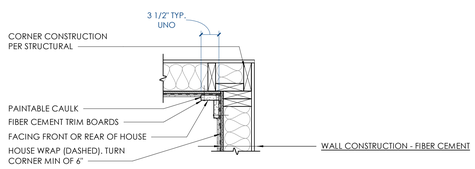


7 A490 **ROOF PENETRATION DETAIL**
1 1/2" = 1'-0"

FIBER CEMENT-CLAD BUILDING TYPICAL DETAILS:

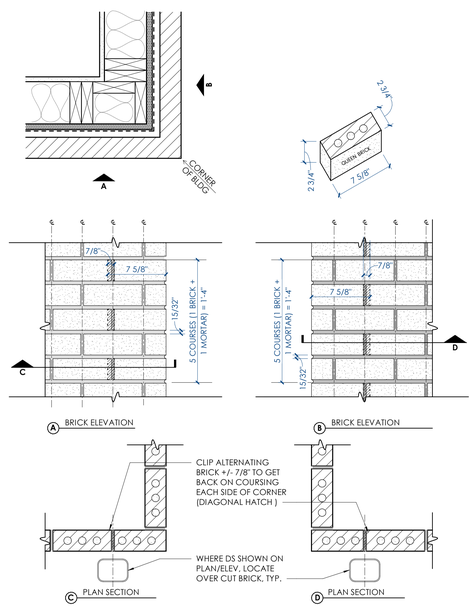


3 A490 **FIBER CEMENT - OUTSIDE CORNERS**
1" = 1'-0"



4 A490 **FIBER CEMENT - INSIDE CORNERS**
1" = 1'-0"

BRICK-CLAD BUILDING TYPICAL DETAILS:



1 A490 **QUEEN BRICK CORNER COURSING**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:42:07 PM

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PROJECT INFORMATION
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OAKLAND COURT REDEVELOPMENT
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SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

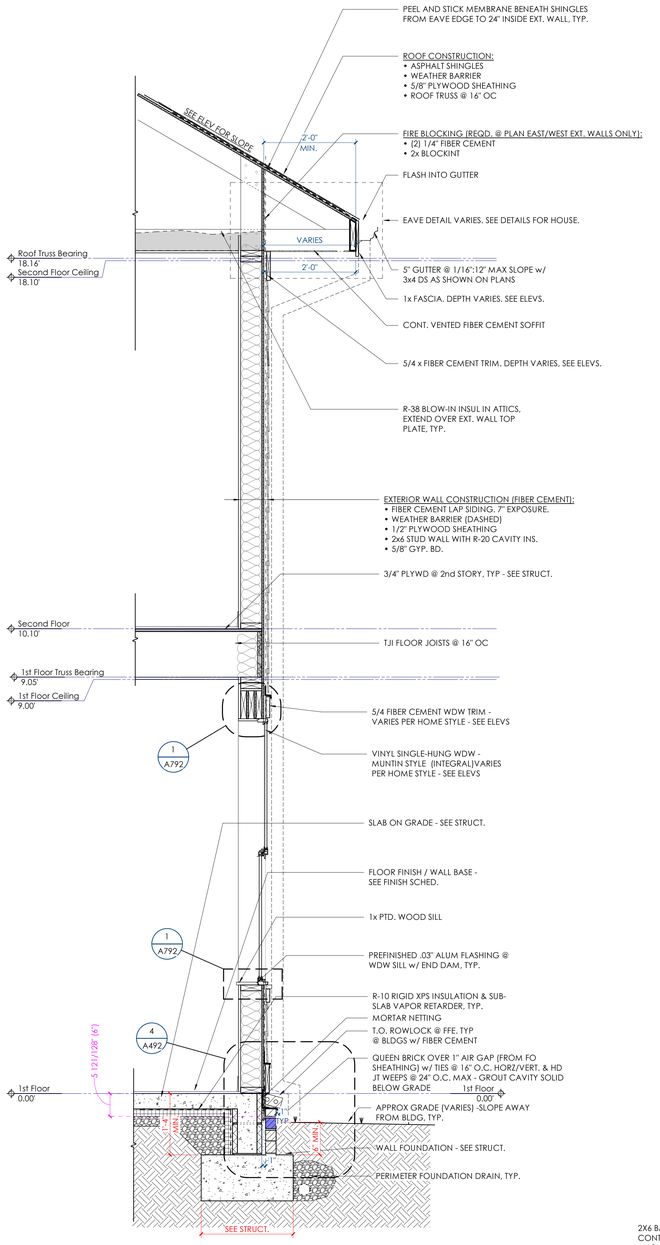
DRAWING TITLE:
WALL TYPES, TYPICAL SECTIONS / DETAILS

DRAWING NO:
A490

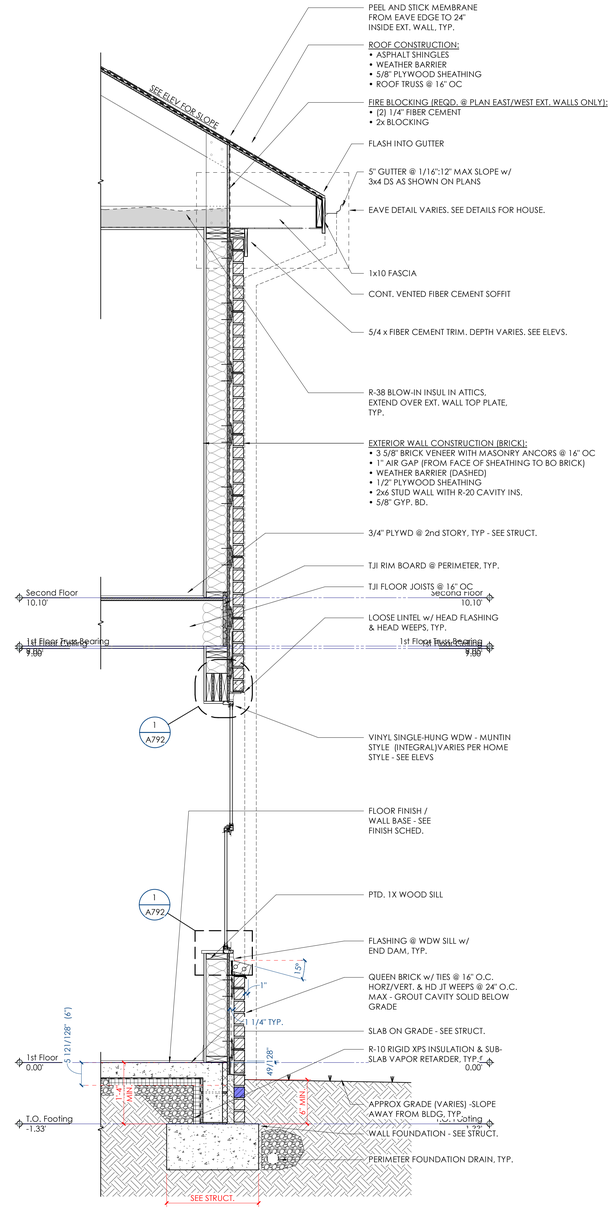
BINDING EDGE

BINDING EDGE

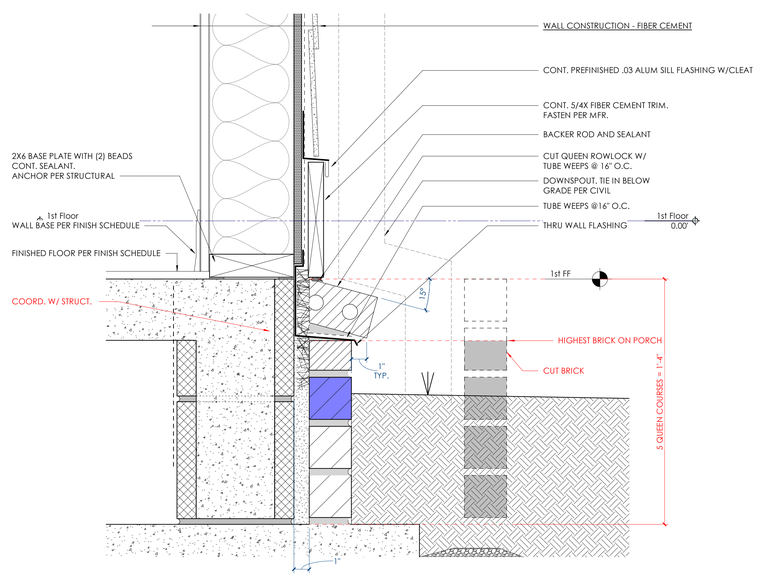
BINDING EDGE



1 A492 **FIBER CEMENT LAP SIDING TYP. WALL SECTION**
3/4" = 1'-0"



2 A492 **BRICK TYP. WALL SECTION**
3/4" = 1'-0"



4 A492 **FIBER CEMENT LAP SIDING BASE OF WALL DTL**
3" = 1'-0"

TIME / DATE: 6/3/2020 8:42:42 PM

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CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

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MURFREESBORO , TENNESSEE 37130

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SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

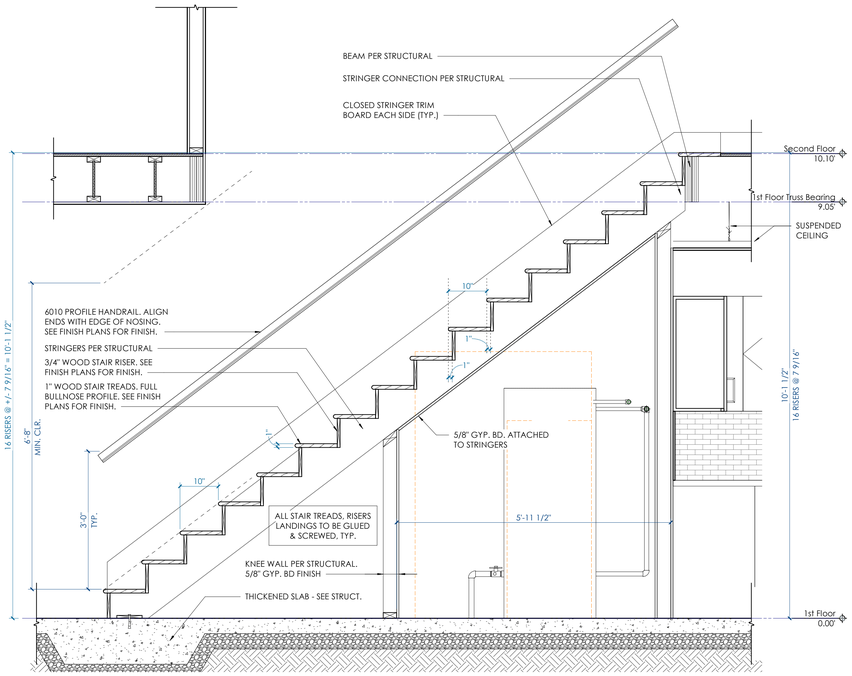
DRAWING TITLE:

TYPICAL WALL SECTIONS & DETAILS

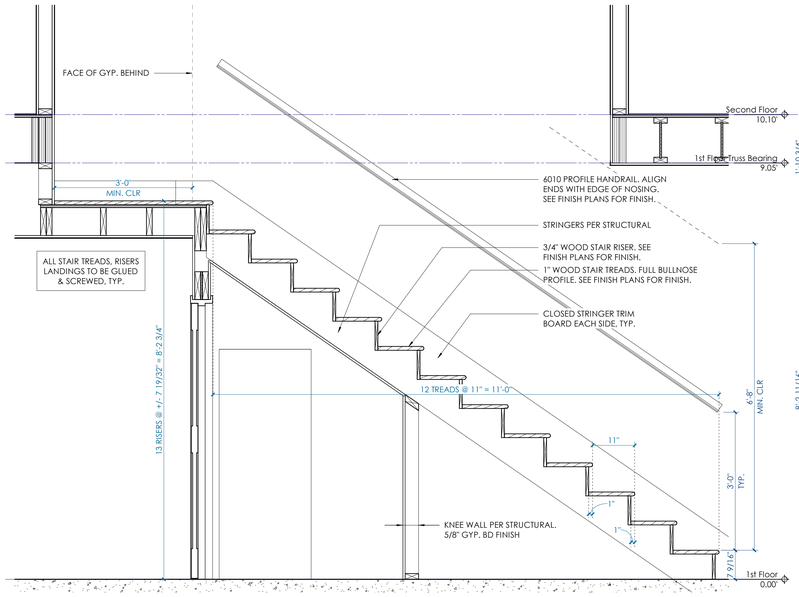
DRAWING NO:

A492

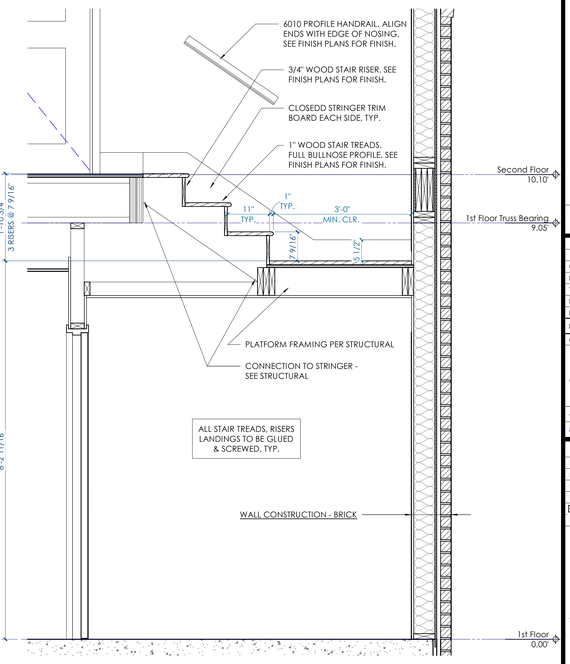
BINDING EDGE



7 A690 **3.2.F(a/b) - STAIR SECTION**
3/4" = 1'-0"

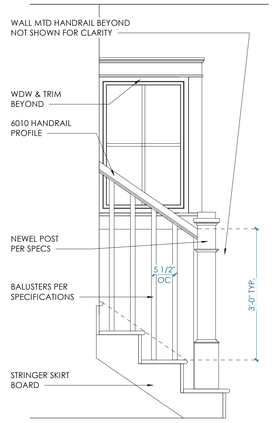


5 A690 **5.1.T - STAIR SECTION 1**
3/4" = 1'-0"

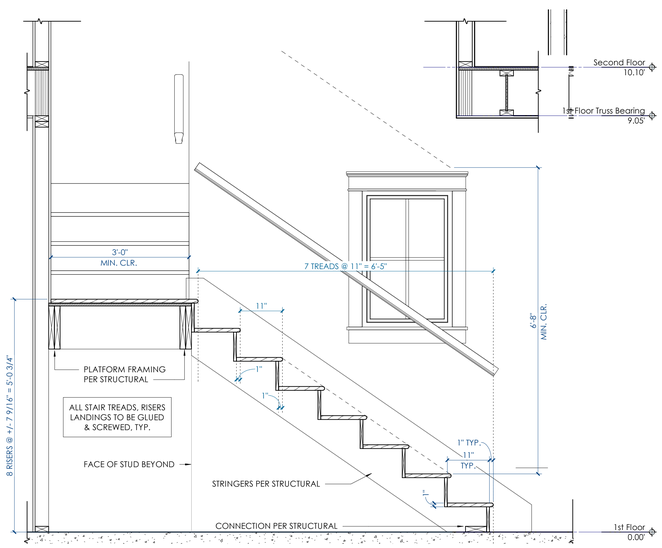


6 A690 **5.1.T - STAIR SECTION 2**
3/4" = 1'-0"

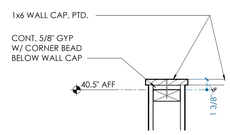
BINDING EDGE



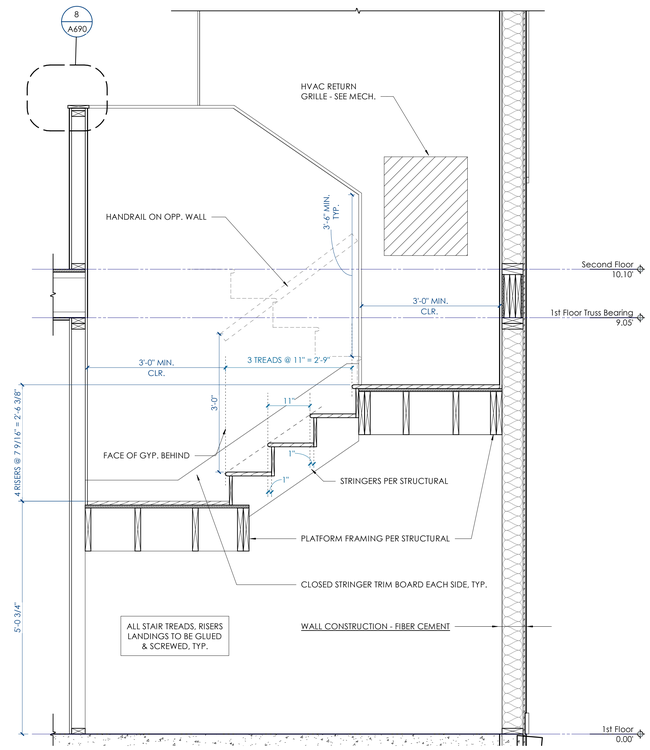
4 A690 **4.2.V/CO STAIR ELEVATION (HANDRAIL)**
3/4" = 1'-0"



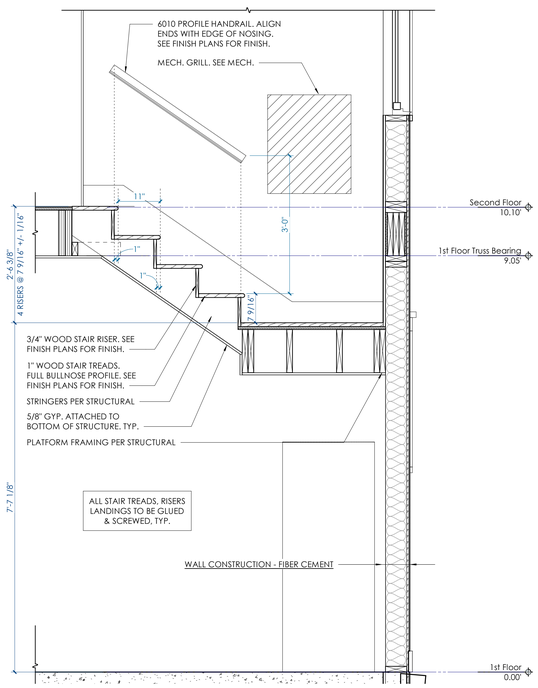
1 A690 **4.2.V/CO STAIR SECTION 1**
3/4" = 1'-0"



8 A690 **GUARD WALL CAP DETAIL**
1 1/2" = 1'-0"



2 A690 **4.2.V/CO STAIR SECTION 2**
3/4" = 1'-0"



3 A690 **4.2.V/CO STAIR SECTION 3**
3/4" = 1'-0"

TIME / DATE: 6/3/2020 8:44:10 PM

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CONTRACT: SBC-0000000000000000

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PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

STAIR SECTIONS & DETAILS

DRAWING NO:

A690

BINDING EDGE

BINDING EDGE

BINDING EDGE

DOOR LEGEND:

EXTERIOR DOORS:

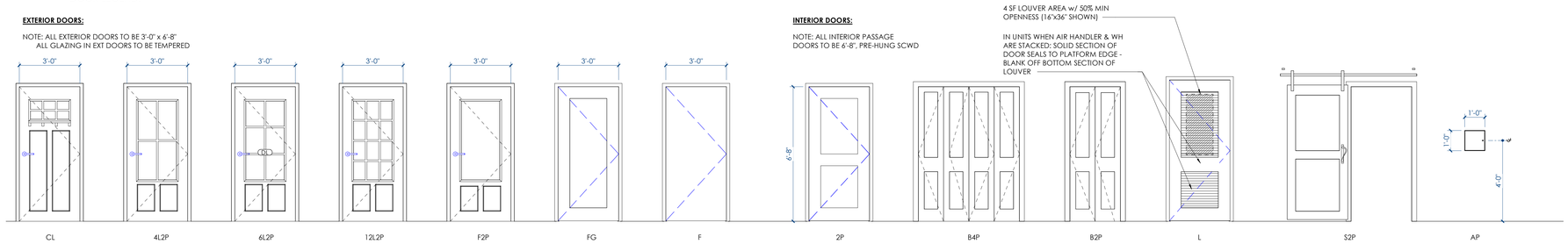
NOTE: ALL EXTERIOR DOORS TO BE 3'-0" x 6'-8"
ALL GLAZING IN EXT DOORS TO BE TEMPERED

INTERIOR DOORS:

NOTE: ALL INTERIOR PASSAGE DOORS TO BE 6'-8", PRE-HUNG SCWD

4 SF LOUVER AREA w/ 50% MIN OPENNESS (16"x36" SHOWN)

IN UNITS WHEN AIR HANDLER & WH ARE STACKED: SOLID SECTION OF DOOR SEALS TO PLATFORM EDGE - BLANK OFF BOTTOM SECTION OF LOUVER

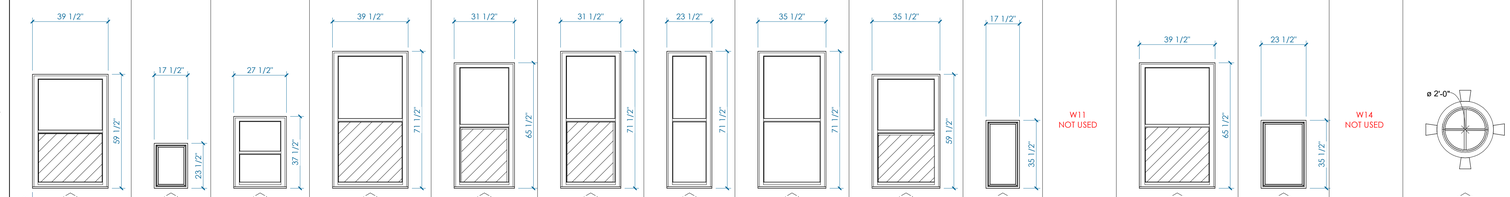
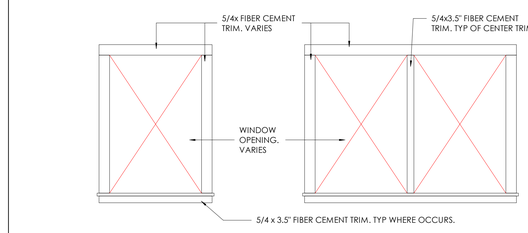
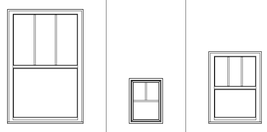
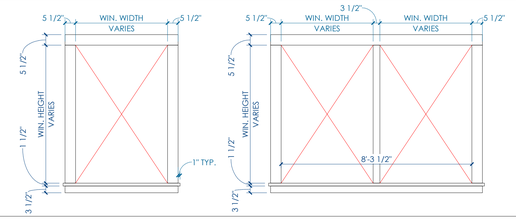
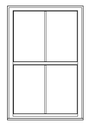
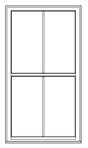
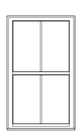
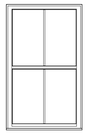
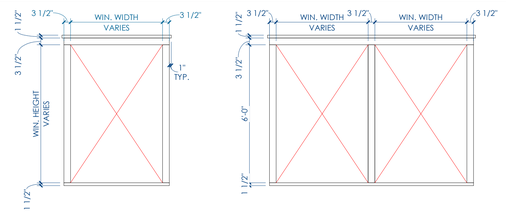
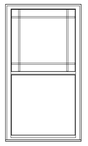
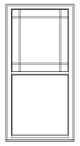
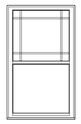
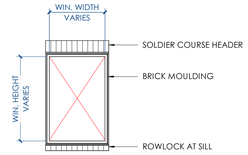
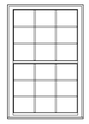
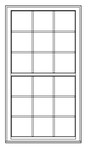
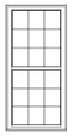
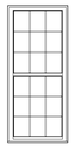
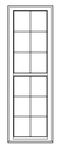
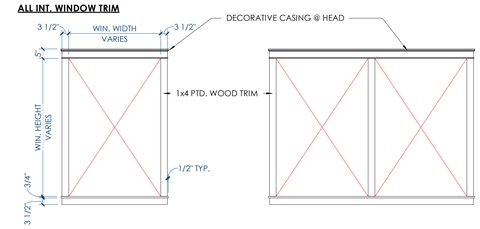
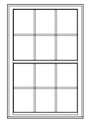
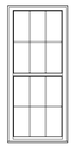


FOR EXTERIOR DOOR TRIM, MATCH EXTERIOR WINDOW TRIM STYLE

FOR INTERIOR DOOR TRIM, MATCH INTERIOR WINDOW TRIM

WINDOW LEGEND:

NOTE: SEE INDIVIDUAL BUILDING PLANS FOR TEMPERED GLAZING LOCATIONS

HOUSE STYLE	WINDOW SIZE & STYLE															TRIM STYLE
BASE WINDOW	 W1 EGRESS REQ. 1 • 24" CLR VERT. OPENING • 20" CLR HORIZ. • 5.7 SQFT OPENING	W2 FIXED	W3	W4 EGRESS REQ. 1 • 24" CLR VERT. OPENING • 20" CLR HORIZ. • 5.7 SQFT OPENING	W5 EGRESS REQ. 1 • 24" CLR VERT. OPENING • 20" CLR HORIZ. • 5.7 SQFT OPENING	W6 EGRESS REQ. 1 • 24" CLR VERT. OPENING • 20" CLR HORIZ. • 5.7 SQFT OPENING	W7	W8	W9 EGRESS REQ. 1 • 24" CLR VERT. OPENING • 20" CLR HORIZ. • 5.7 SQFT OPENING	W10 FIXED	W11 NOT USED	W12 EGRESS REQ. 1 • 24" CLR VERT. OPENING • 20" CLR HORIZ. • 5.7 SQFT OPENING	W13 FIXED	W14 NOT USED	W15 FIXED	 5/4x FIBER CEMENT TRIM, VARIES; 5/4x3.5" FIBER CEMENT TRIM, TYP OF CENTER TRIM; WINDOW OPENING, VARIES; 5/4 x 3.5" FIBER CEMENT TRIM, TYP WHERE OCCURS.
CRAFTSMAN																 WIN. WIDTH VARIES; WIN. HEIGHT VARIES; 1" TYP.; 8'-3 1/2"
VICTORIAN																 WIN. WIDTH VARIES; WIN. HEIGHT VARIES; 1" TYP.
4 SQUARE																MATCH CRAFTSMAN STYLE FOR FIBER CEMENT LAP SIDING; **FOR ALL BRICK HOUSES**  WIN. WIDTH VARIES; WIN. HEIGHT VARIES; SOLDIER COURSE HEADER; BRICK MOULDING; ROWLOCK AT SILL
COLONIAL																**ALL INT. WINDOW TRIM**  WIN. WIDTH VARIES; DECORATIVE CASING @ HEAD; 1x4 PTD. WOOD TRIM; 1/2" TYP.
TUDOR																

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McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

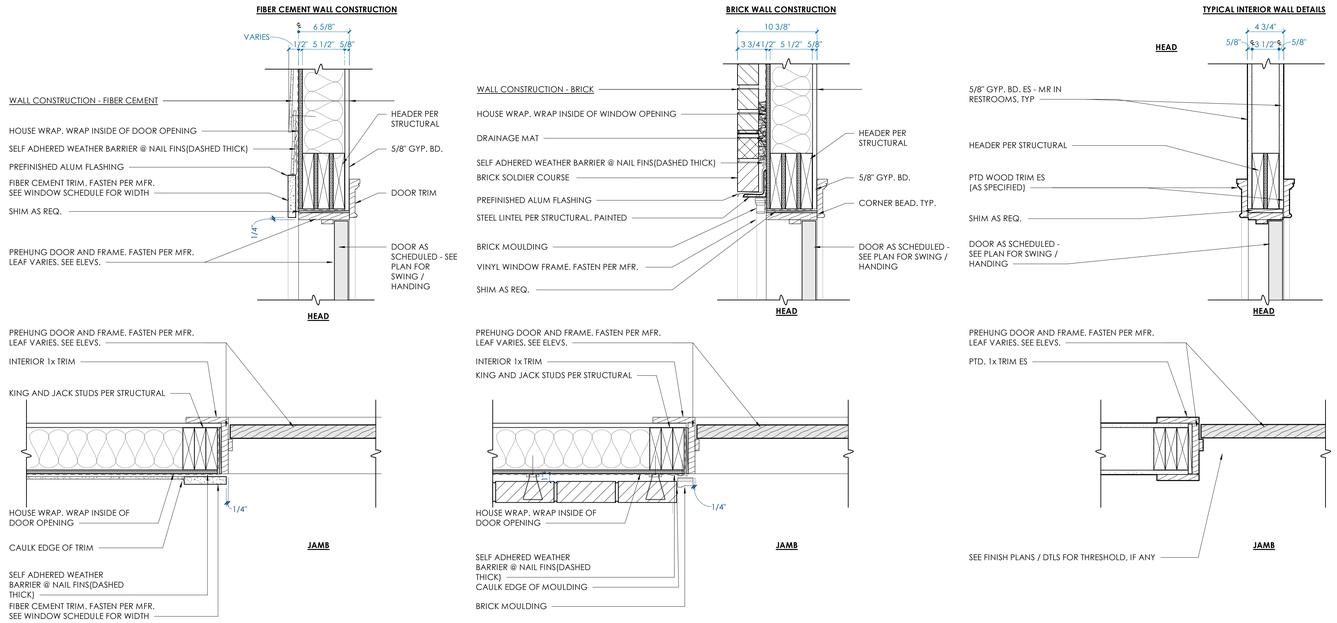
SCALE:	3/8" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

DOOR & WINDOW TYPES

DRAWING NO:

A790



1 / A791 **HEAD / JAMB DETAILS**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:44:22 PM

McCARTY HOLSAPLE McCARTY

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DRAWING TITLE:

DOOR DETAILS

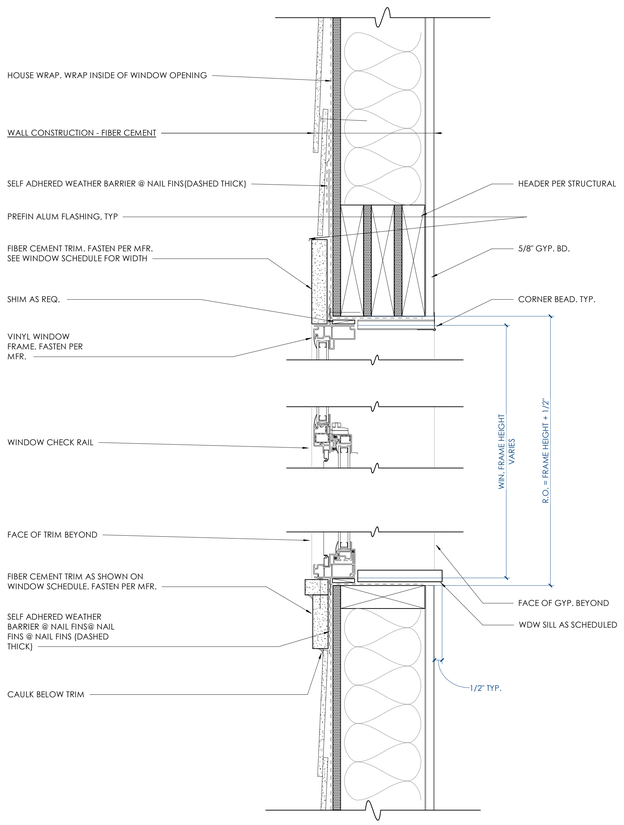
DRAWING NO: **A791**

BINDING EDGE

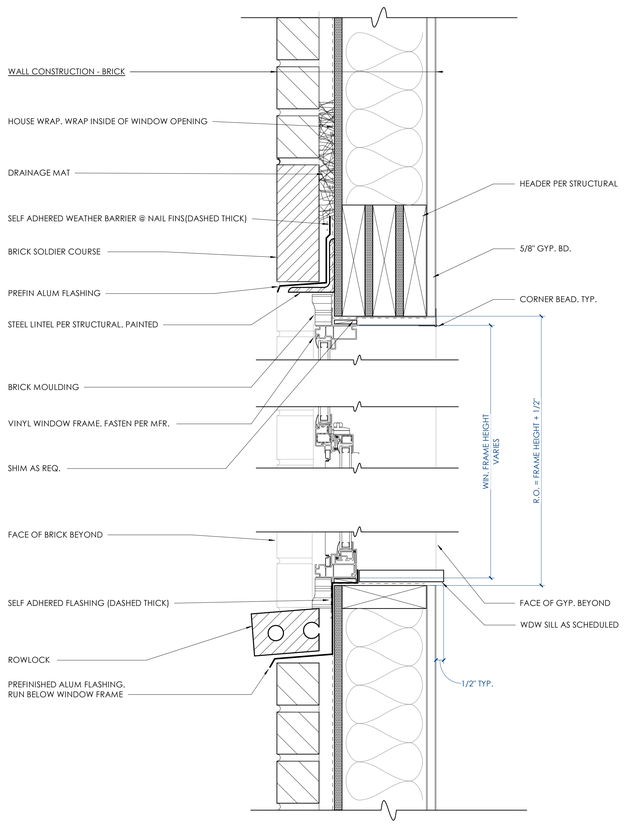
BINDING EDGE

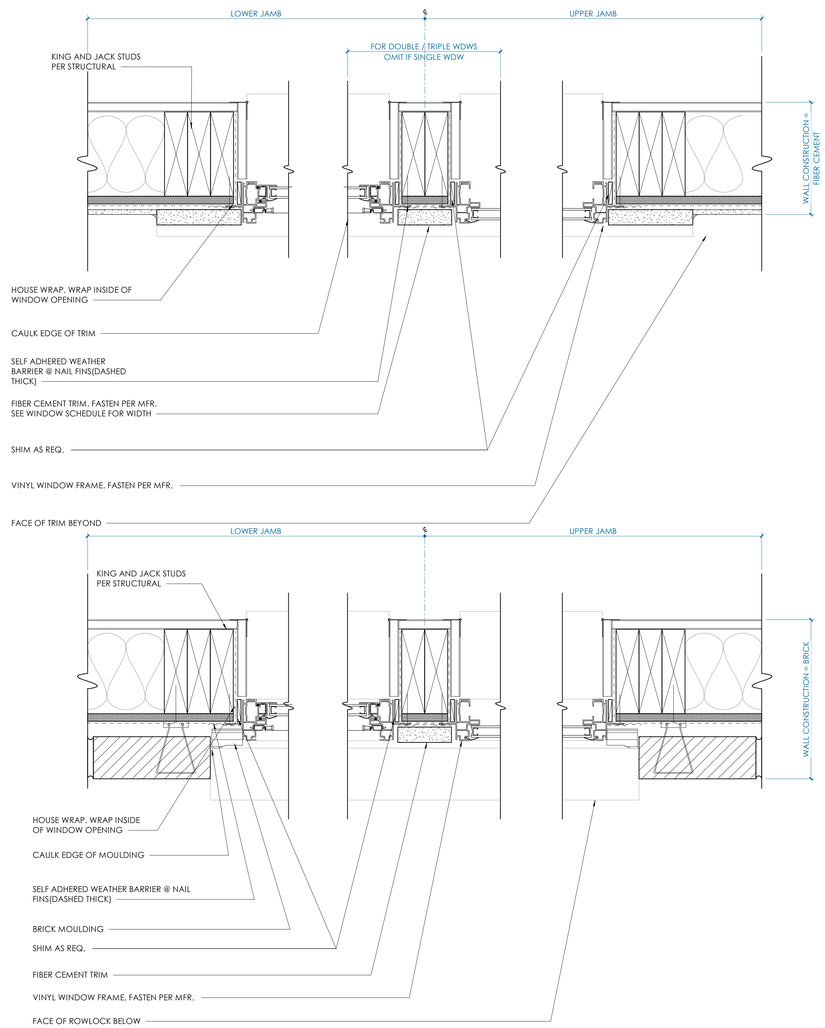
BINDING EDGE

FIBER CEMENT WALL CONSTRUCTION



BRICK WALL CONSTRUCTION





1 / A792 **WINDOW DETAILS**
3" = 1'-0"

TIME / DATE: 6/3/2020 8:44:25 PM

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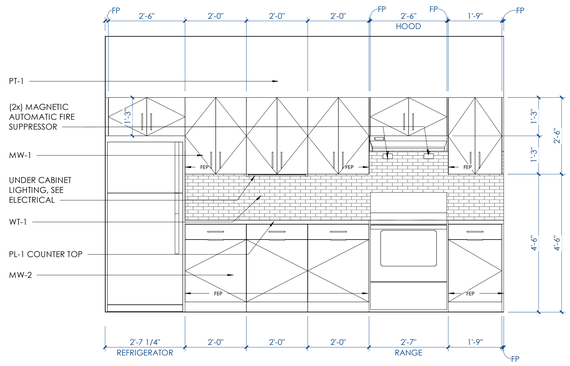
DRAWING TITLE:

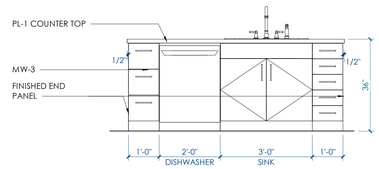
WINDOW DETAILS

DRAWING NO:

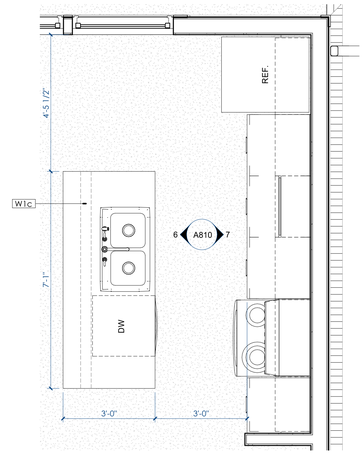
A792



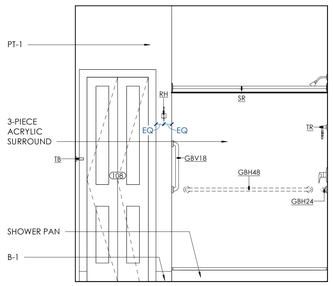
7 A810 **1.2.C - KITCHEN ELEVATION 1**
1/2" = 1'-0"



6 A810 **1.2.C - KITCHEN ELEVATION 2**
1/2" = 1'-0"



5 A810 **1.2.C - ENLARGED KITCHEN PLAN**
1/2" = 1'-0"



4 A810 **1.2.C - BATHROOM ELEVATION 1**
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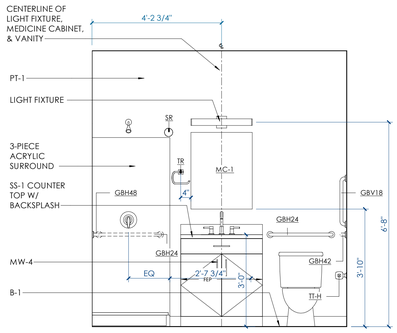
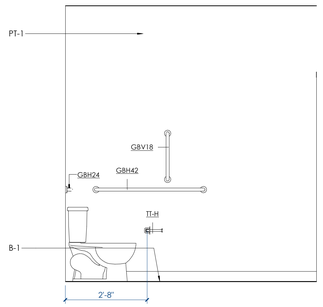
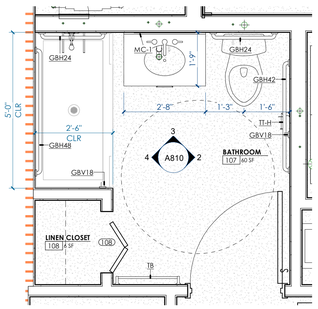


3 A810 **1.2.C - BATHROOM ELEVATION 2**
1/2" = 1'-0"



2 A810 **1.2.C - BATHROOM ELEVATION 3**
1/2" = 1'-0"



1 A810 **1.2.C - ENLARGED BATHROOM PLAN**
1/2" = 1'-0"

SCHEME A - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: ARROWHEAD CREEK, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS, SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:45:30 PM

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PROJECT INFORMATION
CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

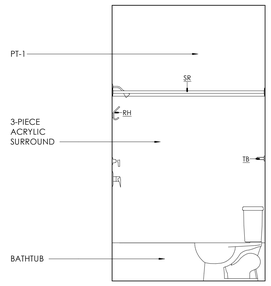
No.	Date	Description

DRAWING INFORMATION

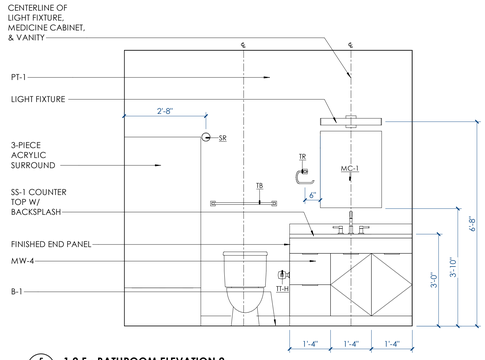
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:
1.2.C - ENLARGED PLANS & INTERIOR ELEVATIONS

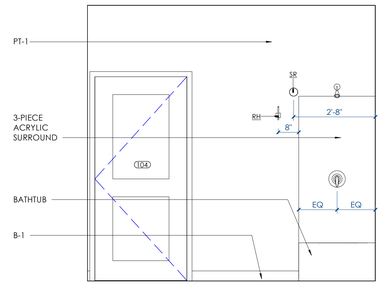
DRAWING NO:
A810



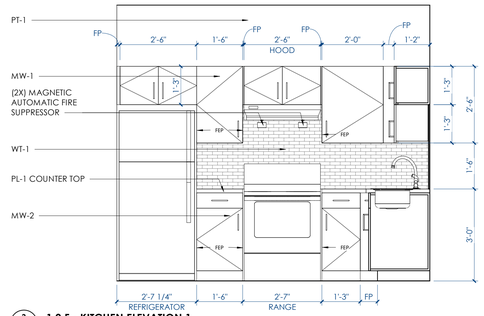
6 A811 **1.2.F - BATHROOM ELEVATION 1**
1/2" = 1'-0"



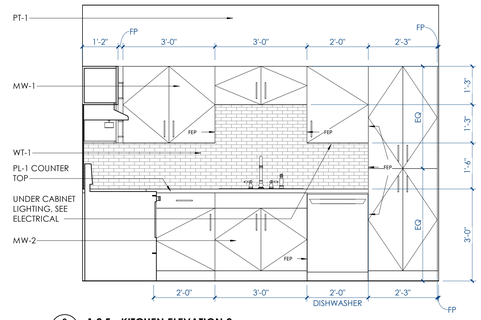
5 A811 **1.2.F - BATHROOM ELEVATION 2**
1/2" = 1'-0"



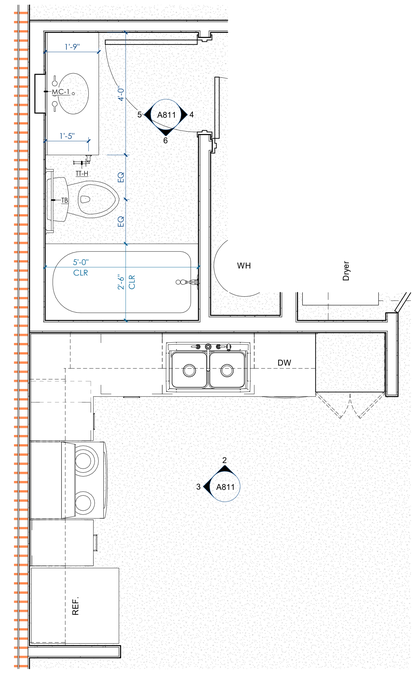
4 A811 **1.2.F - BATHROOM ELEVATION 3**
1/2" = 1'-0"



3 A811 **1.2.F - KITCHEN ELEVATION 1**
1/2" = 1'-0"



2 A811 **1.2.F - KITCHEN ELEVATION 2**
1/2" = 1'-0"



1 A811 **1.2.F - ENLARGED KITCHEN AND BATHROOM PLAN**
1/2" = 1'-0"

SCHEME G - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	ARBORITE, STD. LAMINATE P-1015 UL CARRARA VENATO
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

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CONTRACT: SBC-0000000000000000

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No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

1.2.F - ENLARGED PLANS & INTERIOR ELEVATIONS

DRAWING NO:

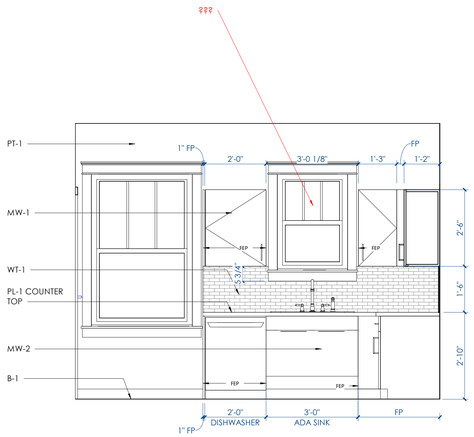
A811

BINDING EDGE

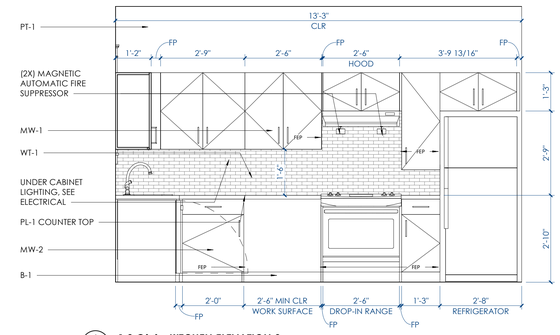
BINDING EDGE

BINDING EDGE

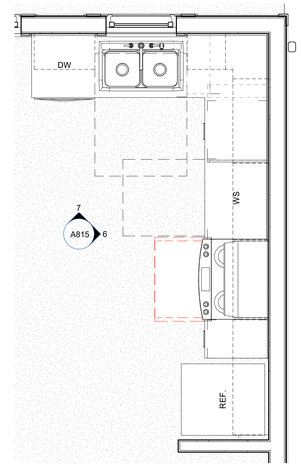
TIME / DATE: 6/3/2020 8:46:34 PM



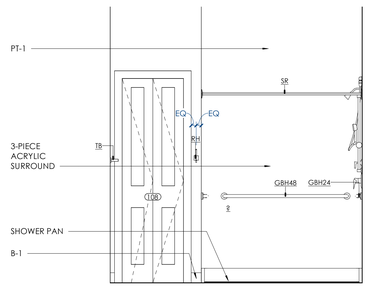
7 A815 1.2.C(u) - KITCHEN ELEVATION 1
1/2" = 1'-0"



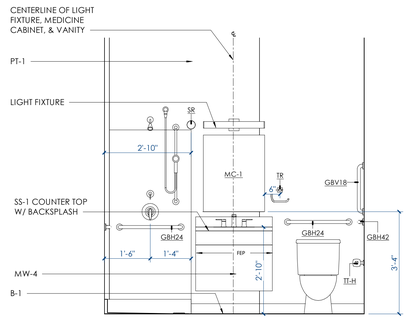
6 A815 1.2.C(u) - KITCHEN ELEVATION 2
1/2" = 1'-0"



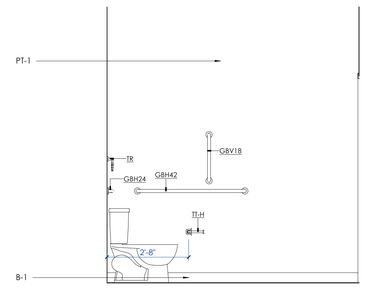
5 A815 1.2.C(u) - ENLARGED KITCHEN PLAN
1/2" = 1'-0"



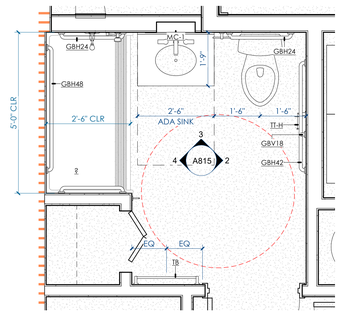
4 A815 1.2.C(u) - BATHROOM ELEVATION 1
1/2" = 1'-0"



3 A815 1.2.C(u) - BATHROOM ELEVATION 2
1/2" = 1'-0"



2 A815 1.2.C(u) - BATHROOM ELEVATION 3
1/2" = 1'-0"



1 A815 1.2.C(u) - ENLARGED BATHROOM PLAN
1/2" = 1'-0"

SCHEME A - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION. PATTERN: #C0009 SECOYA. COLOR: ARROWHEAD CREEK, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE. COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: BALTIC (NAVY BLUE)
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS, SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (6)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
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8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:47:38 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS
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KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
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PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
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KEY PLAN:

REVISION INFORMATION

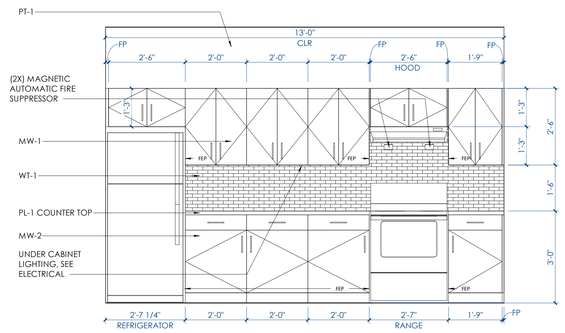
No.	Date	Description

DRAWING INFORMATION

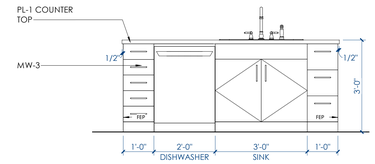
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE: **1.2.C(u) - ENLARGED PLANS & INTERIOR ELEVATIONS**

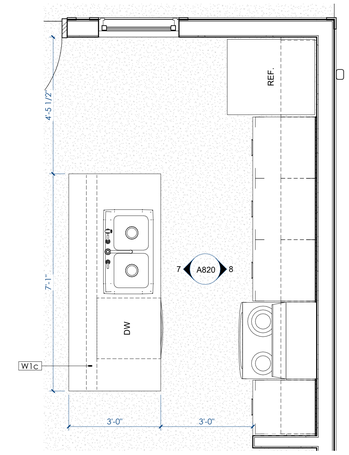
DRAWING NO: **A815**



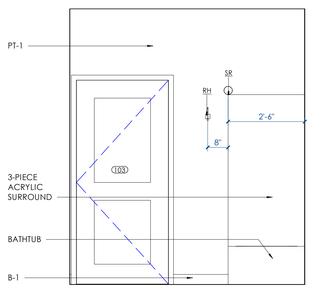
8 A820 **2.1.V - KITCHEN ELEVATION 1**
1/2" = 1'-0"



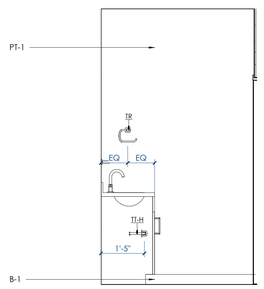
7 A820 **2.1.V - KITCHEN ELEVATION 2**
1/2" = 1'-0"



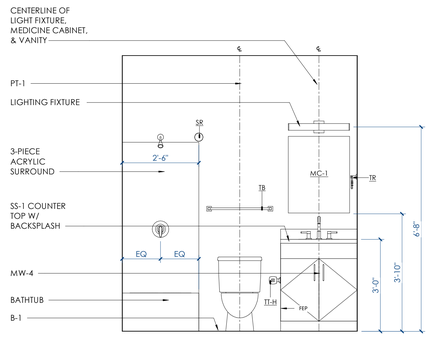
6 A820 **2.1.V - ENLARGED KITCHEN PLAN**
1/2" = 1'-0"



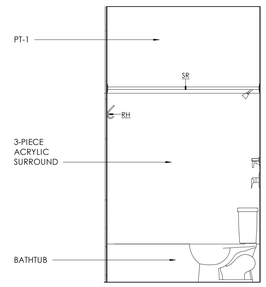
5 A820 **2.1.V - BATHROOM ELEVATION 4**
1/2" = 1'-0"



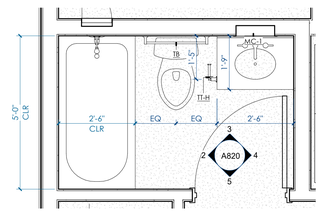
4 A820 **2.1.V - BATHROOM ELEVATION 3**
1/2" = 1'-0"



3 A820 **2.1.V - BATHROOM ELEVATION 2**
1/2" = 1'-0"



2 A820 **2.1.V - BATHROOM ELEVATION 1**
1/2" = 1'-0"



1 A820 **2.1.V - ENLARGED BATHROOM PLAN**
1/2" = 1'-0"

SCHEME D - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 4.2.CO ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

TOILET ACCESSORIES LEGEND	
MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

19035

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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PIC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

2.1.V - ENLARGED PLANS & INTERIOR ELEVATIONS

DRAWING NO:

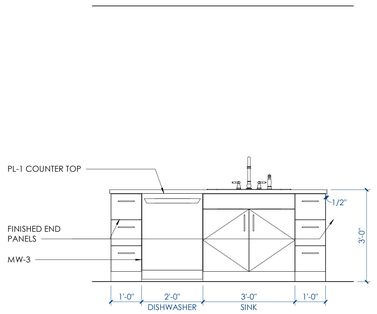
A820

BINDING EDGE

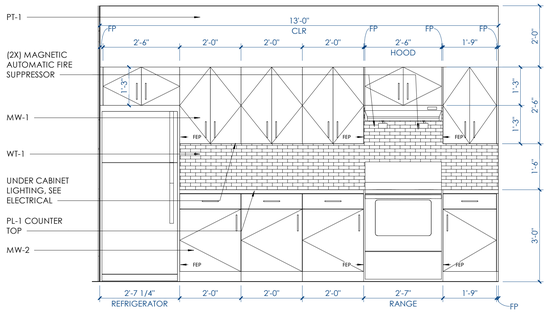
BINDING EDGE

BINDING EDGE

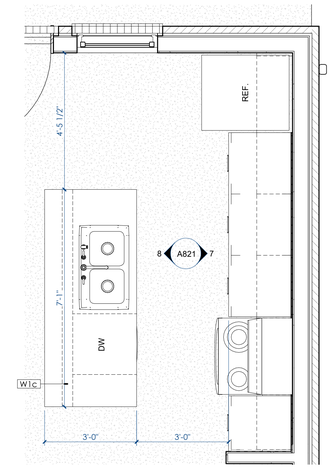
TIME / DATE: 6/3/2020 8:48:59 PM



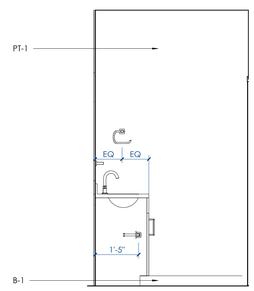
8 A821 **2.1.T - KITCHEN ELEVATION 2**
1/2" = 1'-0"



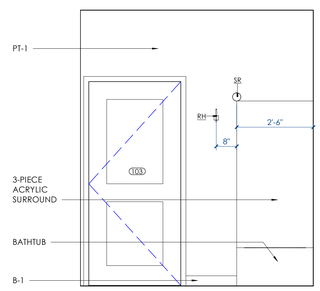
7 A821 **2.1.T - KITCHEN ELEVATION 1**
1/2" = 1'-0"



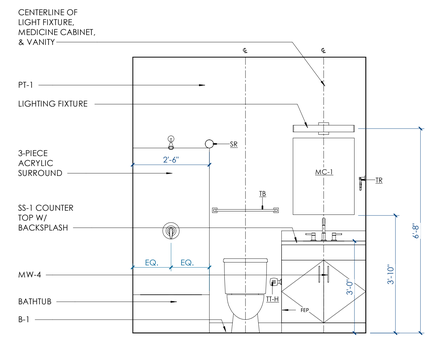
6 A821 **2.1.T - ENLARGED KITCHEN PLAN**
1/2" = 1'-0"



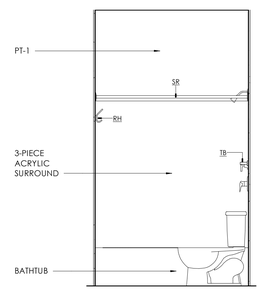
5 A821 **2.1.T - BATHROOM ELEVATION 4**
1/2" = 1'-0"



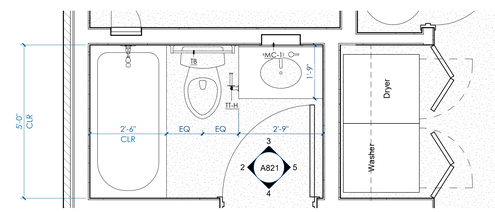
4 A821 **2.1.T - BATHROOM ELEVATION 3**
1/2" = 1'-0"



3 A821 **2.1.T - BATHROOM ELEVATION 2**
1/2" = 1'-0"



2 A821 **2.1.T - BATHROOM ELEVATION 1**
1/2" = 1'-0"



1 A821 **2.1.T - ENLARGED BATHROOM PLAN**
1/2" = 1'-0"

SCHEME H - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD, LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: S44 ROLLING FOG

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
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7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:50:23 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

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CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

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MURFREESBORO , TENNESSEE 37130

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- ☐ SCHEMATIC DESIGN
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SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

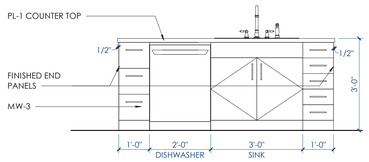
DRAWING TITLE:

2.1.T - ENLARGED PLANS & INTERIOR ELEVATIONS

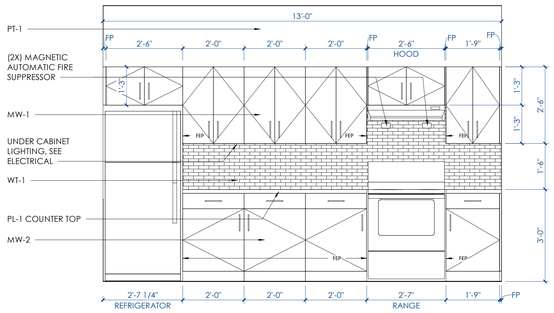
DRAWING NO:

A821

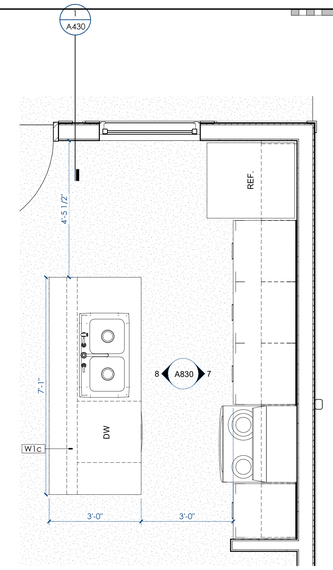
BINDING EDGE



8 A830 **2.2.C - KITCHEN ELEVATION 2**
1/2" = 1'-0"

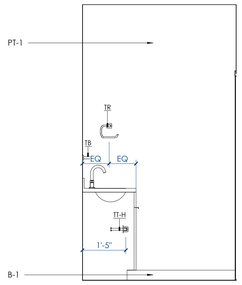


7 A830 **2.2.C - KITCHEN ELEVATION 1**
1/2" = 1'-0"

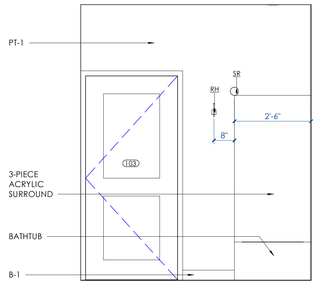


6 A830 **2.2.C - ENLARGED KITCHEN PLAN**
1/2" = 1'-0"

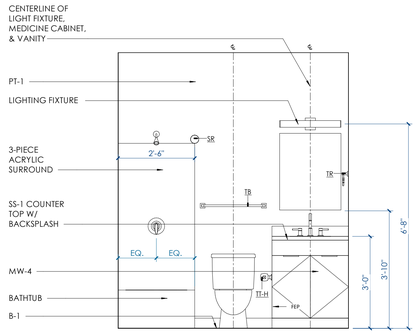
BINDING EDGE



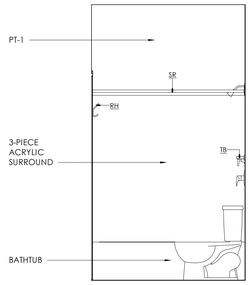
5 A830 **2.2.C - BATHROOM ELEVATION 4**
1/2" = 1'-0"



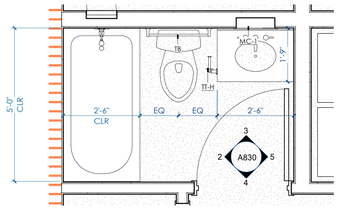
4 A830 **2.2.C - BATHROOM ELEVATION 3**
1/2" = 1'-0"



3 A830 **2.2.C - BATHROOM ELEVATION 2**
1/2" = 1'-0"



2 A830 **2.2.C - BATHROOM ELEVATION 1**
1/2" = 1'-0"



1 A830 **2.2.C - ENLARGED BATHROOM PLAN**
1/2" = 1'-0"

BINDING EDGE

SCHEME B - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	ARBORITE, STD. LAMINATE P-1015 UL CARRARA VENATO
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

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2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
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4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

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MHM
ARCHITECTS & INTERIOR DESIGNERS
19035
550 W. MAIN STREET, SUITE 300
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CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
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- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER REGISTERED ARCHITECT No. 102021 PROFESSIONAL ENGINEER No. 102021 STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As Indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

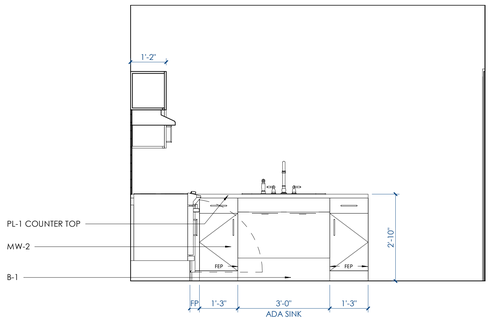
2.2.C - ENLARGED PLANS & INTERIOR ELEVATIONS

DRAWING NO:

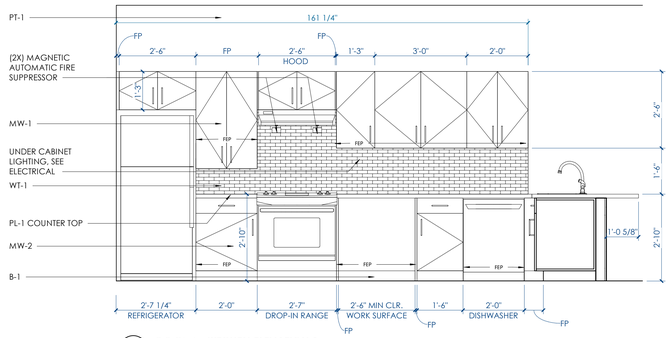
A830

BINDING EDGE

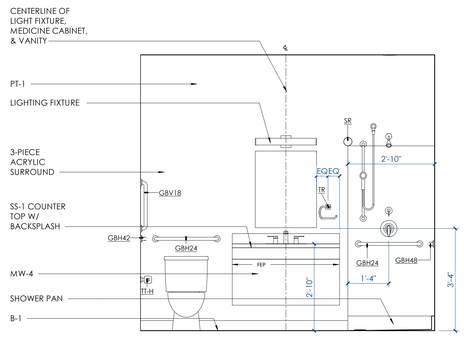
TIME / DATE: 6/3/2020 8:53:33 PM



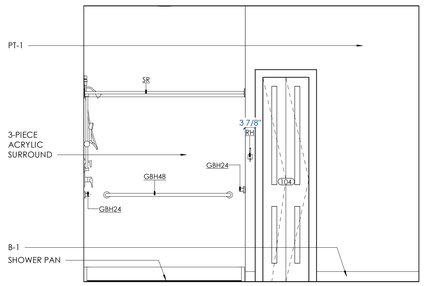
5 A835 **2.2.C(u) - KITCHEN ELEVATION 2**
1/2" = 1'-0"



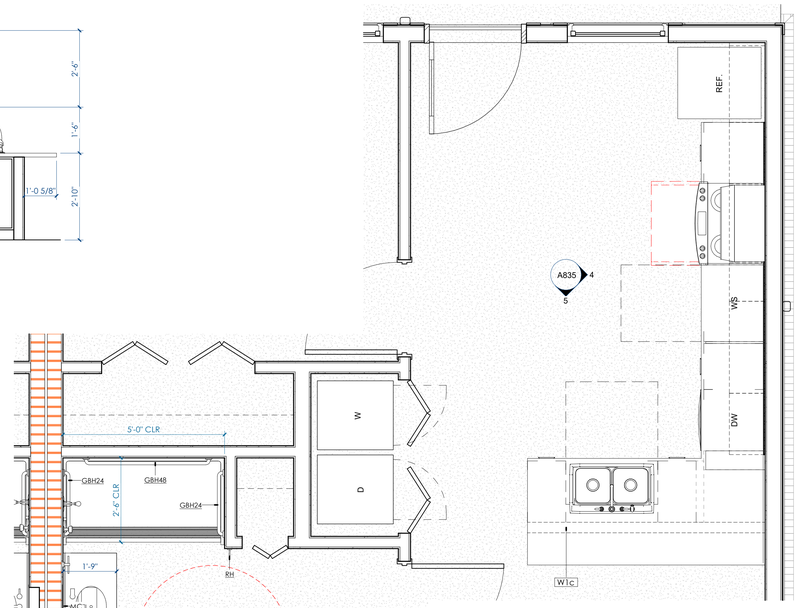
4 A835 **2.2.C(u) - KITCHEN ELEVATION 1**
1/2" = 1'-0"



3 A835 **2.2.C(u) - BATHROOM ELEVATION 2**
1/2" = 1'-0"



2 A835 **2.2.C(u) - BATHROOM ELEVATION 1**
1/2" = 1'-0"



1 A835 **2.2.C(u) - ENLARGED KITCHEN / BATHROOM PLAN**
1/2" = 1'-0"

SCHEME B - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH: SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	ARBORITE, STD. LAMINATE P-1015 UL CARRARA VENATO
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS, SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (ϕ)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE
BINDING EDGE
BINDING EDGE

TIME / DATE: 6/3/2020 8:52:53 PM

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ARCHITECTS & INTERIOR DESIGNERS
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INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

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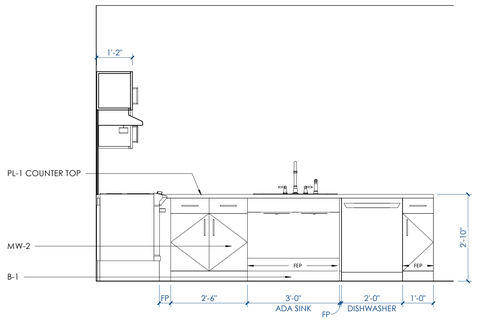
KEY PLAN:

REVISION INFORMATION

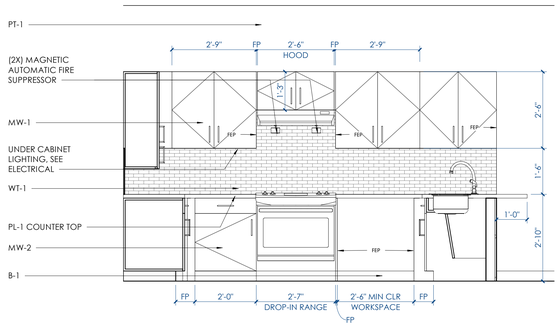
No.	Date	Description

DRAWING INFORMATION

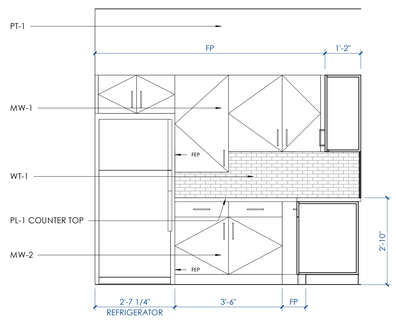
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By
DRAWING TITLE:	2.2.C(u) - ENLARGED PLANS & INTERIOR ELEVATIONS
DRAWING NO:	A835



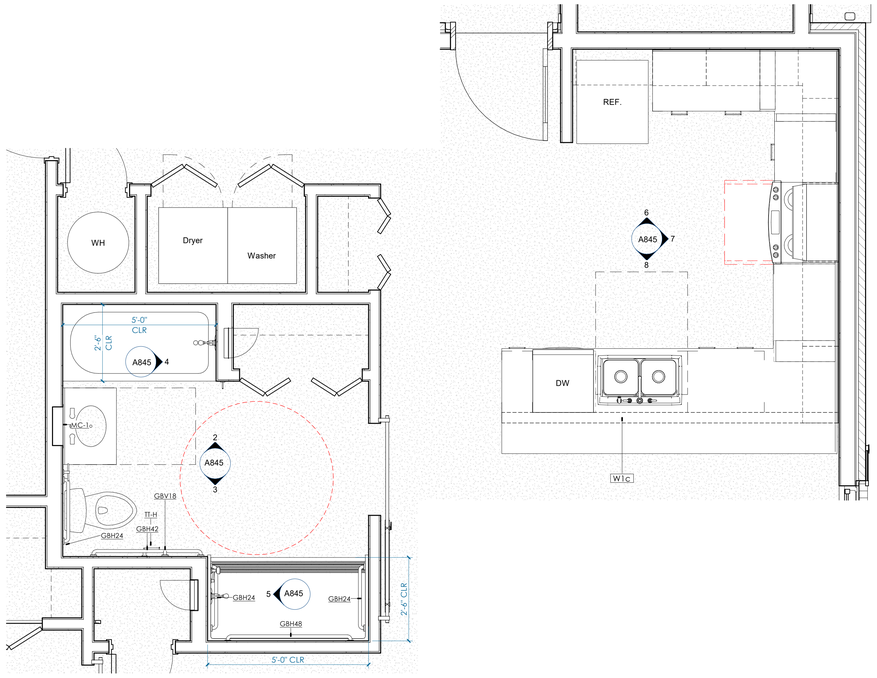
8 / A845 **3.1.CO(u) - KITCHEN ELEVATION 3**
1/2" = 1'-0"



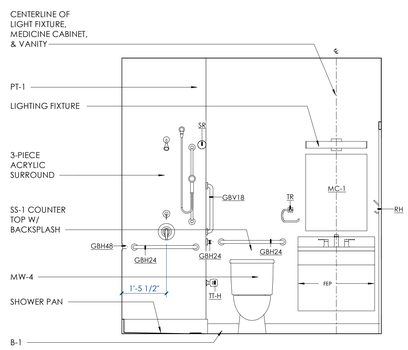
7 / A845 **3.1.CO(u) - KITCHEN ELEVATION 2**
1/2" = 1'-0"



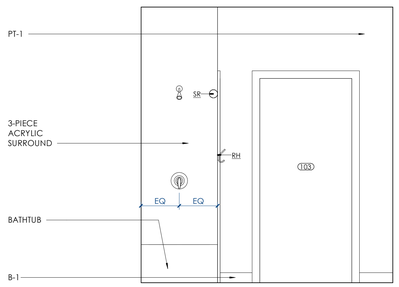
6 / A845 **3.1.CO(u) - KITCHEN ELEVATION 1**
1/2" = 1'-0"



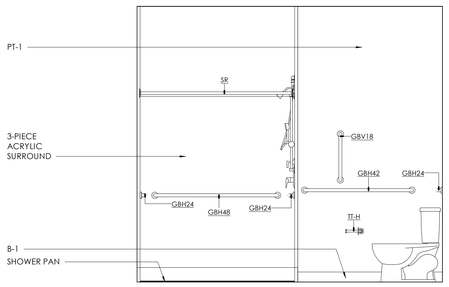
1 / A845 **3.1.CO(u) ENLARGED KITCHEN / RESTROOM PLAN**
1/2" = 1'-0"



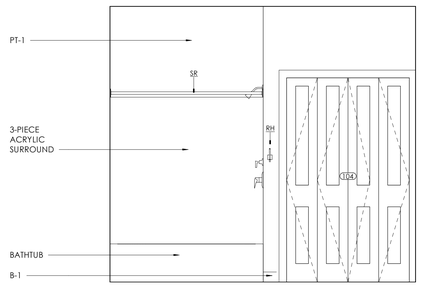
5 / A845 **3.1.CO(u) - BATHROOM ELEVATION 1**
1/2" = 1'-0"



4 / A845 **3.1.CO(u) - BATHROOM ELEVATION 2**
1/2" = 1'-0"



3 / A845 **3.1.CO(u) - BATHROOM ELEVATION 3**
1/2" = 1'-0"



2 / A845 **3.1.CO(u) - BATHROOM ELEVATION 4**
1/2" = 1'-0"

SCHEME D - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 4.2.CO ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24"x 30" RECESSED FRAMELESS MEDICINE CABINET
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SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
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7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:54:32 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

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FACSIMILE: (865) 544-0402
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PROJECT INFORMATION

CONTRACT: SBC-000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
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KEY PLAN:

REVISION INFORMATION

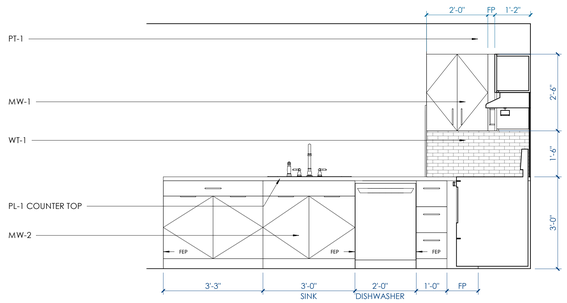
No.	Date	Description

DRAWING INFORMATION

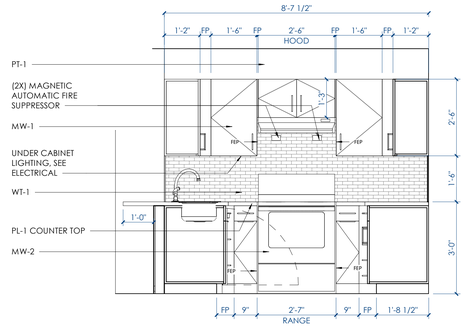
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
3.1.CO(u) - ENLARGED PLANS & INTERIOR ELEVATIONS

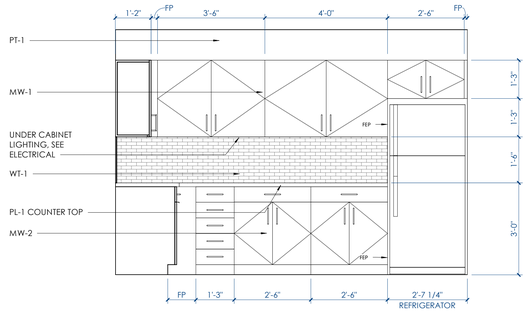
DRAWING NO:
A845



12 A850 **3.2.F (a/b) KITCHEN ELEVATION 1**
1/2" = 1'-0"



11 A850 **3.2.F (a/b) KITCHEN ELEVATION 2**
1/2" = 1'-0"



10 A850 **3.2.F (a/b) KITCHEN ELEVATION 3**
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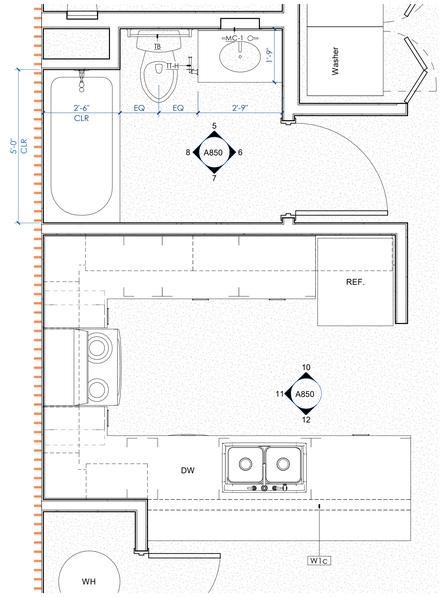
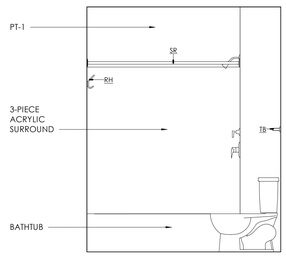
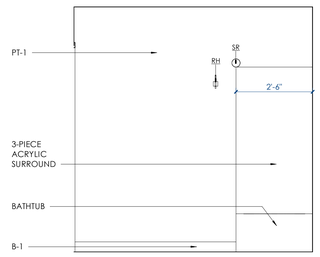


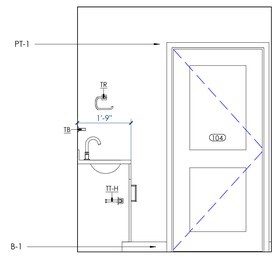
9 A850 **3.2.F(a/b) - ENLARGED KITCHEN AND FIRST FLOOR BATHROOM PLAN**
1/2" = 1'-0"



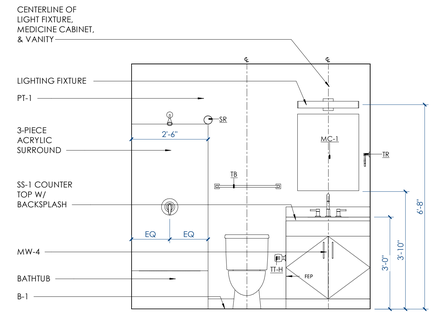
8 A850 **3.2.F (a/b) RESTROOM ELEVATION 4**
1/2" = 1'-0"



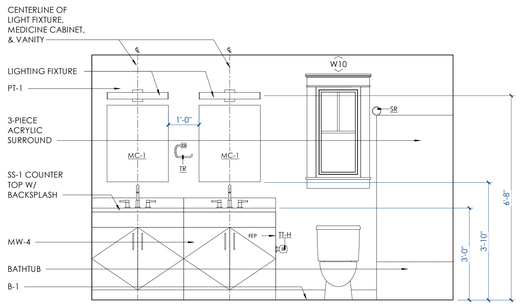
7 A850 **3.2.F (a/b) RESTROOM ELEVATION 3**
1/2" = 1'-0"



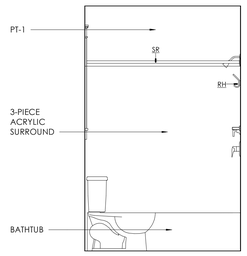
6 A850 **3.2.F (a/b) RESTROOM ELEVATION 2**
1/2" = 1'-0"



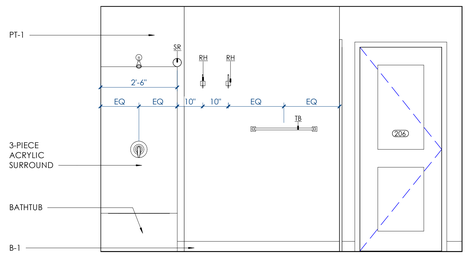
5 A850 **3.2.F (a/b) RESTROOM ELEVATION 1**
1/2" = 1'-0"



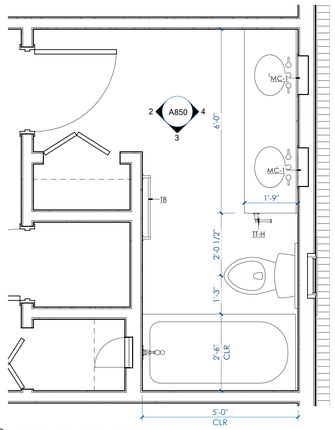
4 A850 **3.2.F(a/b) - UPSTAIRS BATHROOM ELEVATION 1**
1/2" = 1'-0"



3 A850 **3.2.F(a/b) - UPSTAIRS BATHROOM ELEVATION 2**
1/2" = 1'-0"



2 A850 **3.2.F(a/b) - UPSTAIRS BATHROOM ELEVATION 3**
1/2" = 1'-0"



1 A850 **3.2.F(a/b) - UPSTAIRS BATHROOM ENLARGED PLAN**
1/2" = 1'-0"

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

HOUSE TYPE 3.2.Fb

SCHEME E - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: U081 WHITE ICE, FINISH: BRIGHT, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	FORMICA, STD, LAMINATE 6314-AN NEO CLOUD, INFINITI FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: SLATE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 544 ROLLING FOG
	STR	INTERIOR STAIR	HOUSE 3.2.Fb ONLY	TREADS, HANDRAIL, NEWEL, BALUSTERS, RISERS, & STRINGERS: PTD TO MATCH MW-2 (SLATE)

HOUSE TYPE 3.2.Fa

SCHEME F - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: ARROWHEAD CREEK, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD, LAMINATE 4925K-07 CALCUTTA MARBLE, TEXTURED GLOSS
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 3.2.Fa ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:57:01 PM

McCARTY HOLSAPLE McCARTY
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

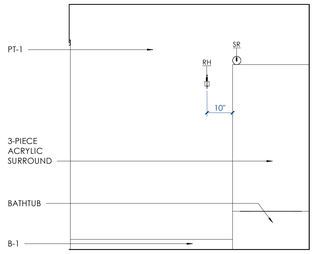
No.	Date	Description

DRAWING INFORMATION

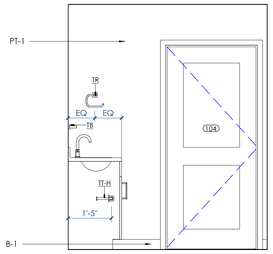
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas /
DRAWN BY:	Author
CHECKED BY:	Project.Checked By:

DRAWING TITLE:
3.2.F(a/b) - ENLARGED PLANS & INTERIOR ELEVATIONS

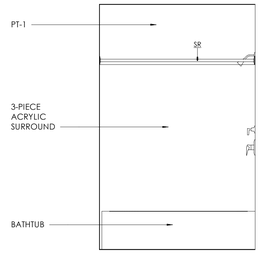
DRAWING NO:
A850



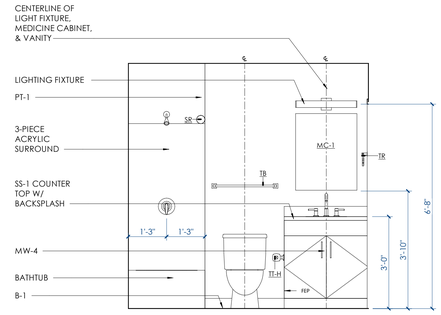
12 A860 **3.3.V - DOWNSTAIRS BATHROOM ELEVATION 4**
1/2" = 1'-0"



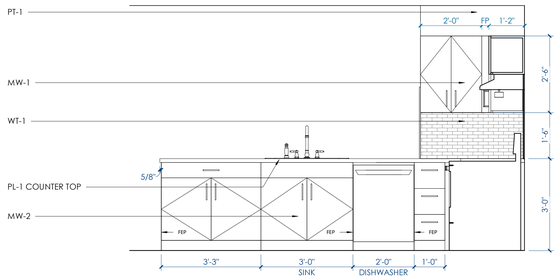
11 A860 **3.3.V - DOWNSTAIRS BATHROOM ELEVATION 3**
1/2" = 1'-0"



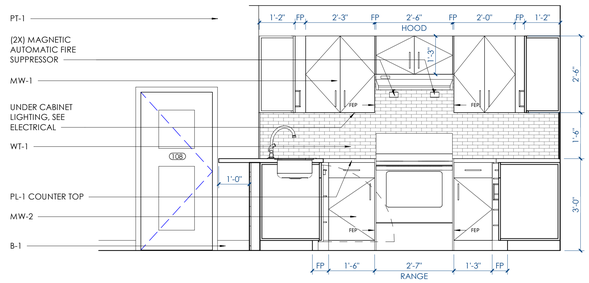
10 A860 **3.3.V - DOWNSTAIRS BATHROOM ELEVATION 2**
1/2" = 1'-0"



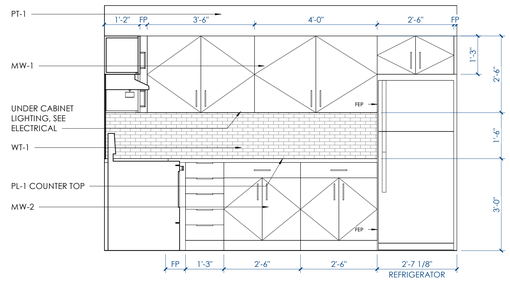
9 A860 **3.3.V - DOWNSTAIRS BATHROOM ELEVATION 1**
1/2" = 1'-0"



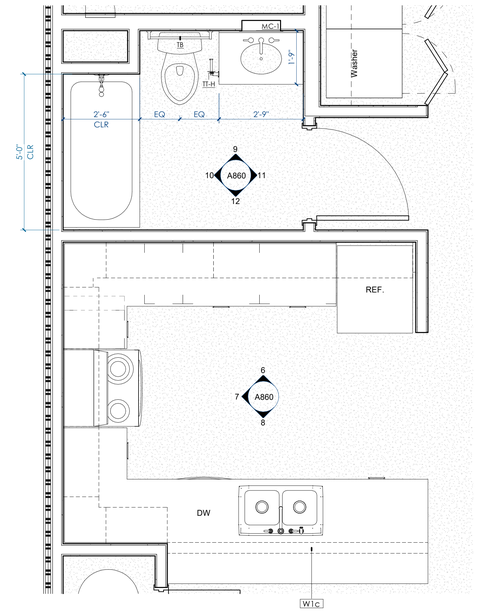
8 A860 **3.3.V - KITCHEN ELEVATION 1**
1/2" = 1'-0"



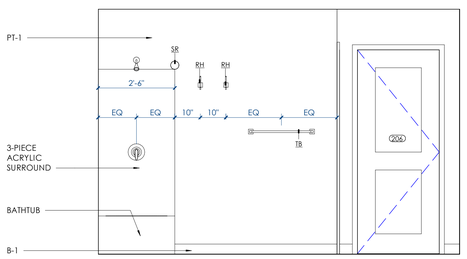
7 A860 **3.3.V - KITCHEN ELEVATION 2**
1/2" = 1'-0"



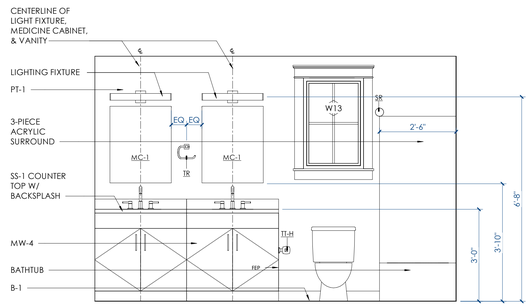
6 A860 **3.3.V - KITCHEN ELEVATION 3**
1/2" = 1'-0"



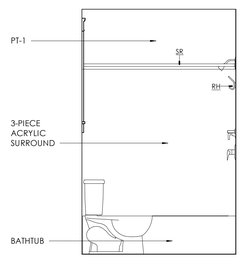
5 A860 **3.3.V - ENLARGED KITCHEN AND FIRST FLOOR BATHROOM PLAN**
1/2" = 1'-0"



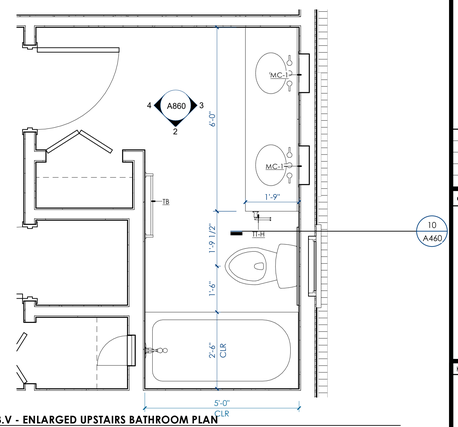
4 A860 **3.3.V - UPSTAIRS BATHROOM ELEVATION 3**
1/2" = 1'-0"



3 A860 **3.3.V - UPSTAIRS BATHROOM ELEVATION 1**
1/2" = 1'-0"



2 A860 **3.3.V - UPSTAIRS BATHROOM ELEVATION 2**
1/2" = 1'-0"



1 A860 **3.3.V - ENLARGED UPSTAIRS BATHROOM PLAN**
1/2" = 1'-0"

SCHEME C - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE TYPES 3.3.V, 4.2.V, & 5.1.T ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 8:59:38 PM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:

3.3.V - ENLARGED PLANS & INTERIOR ELEVATIONS

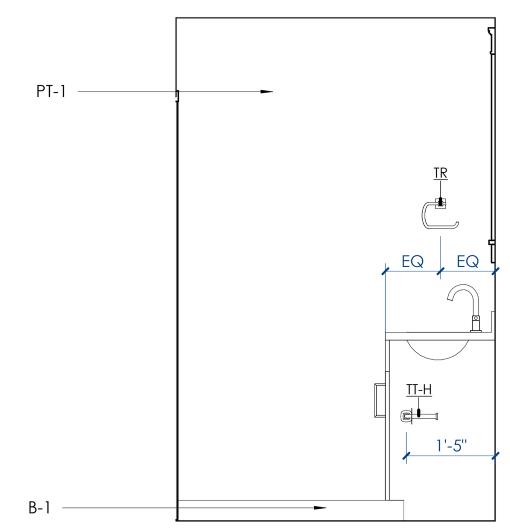
DRAWING NO:

A860

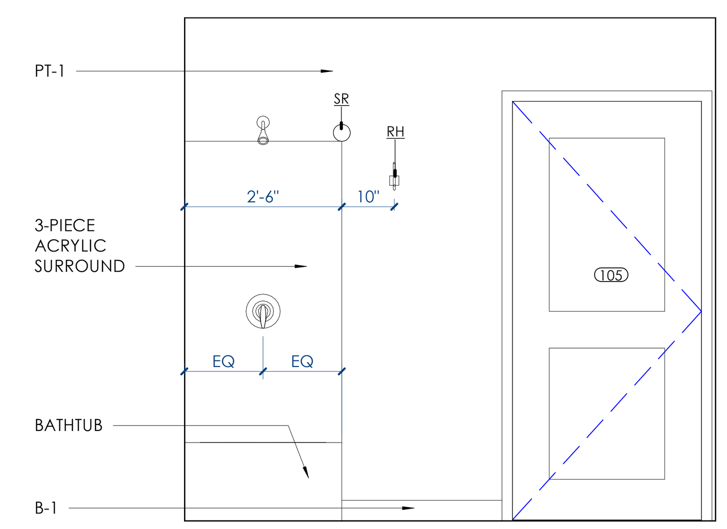
BINDING EDGE

BINDING EDGE

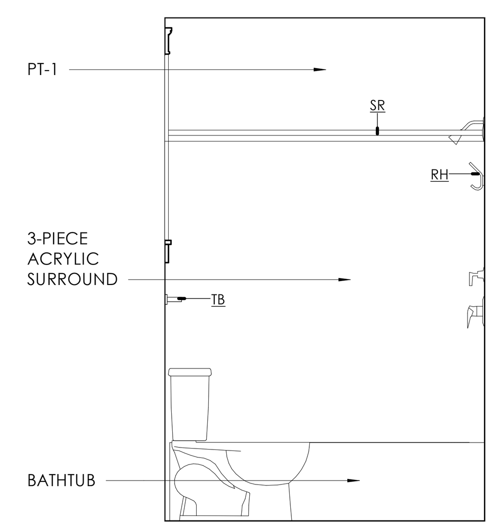
BINDING EDGE



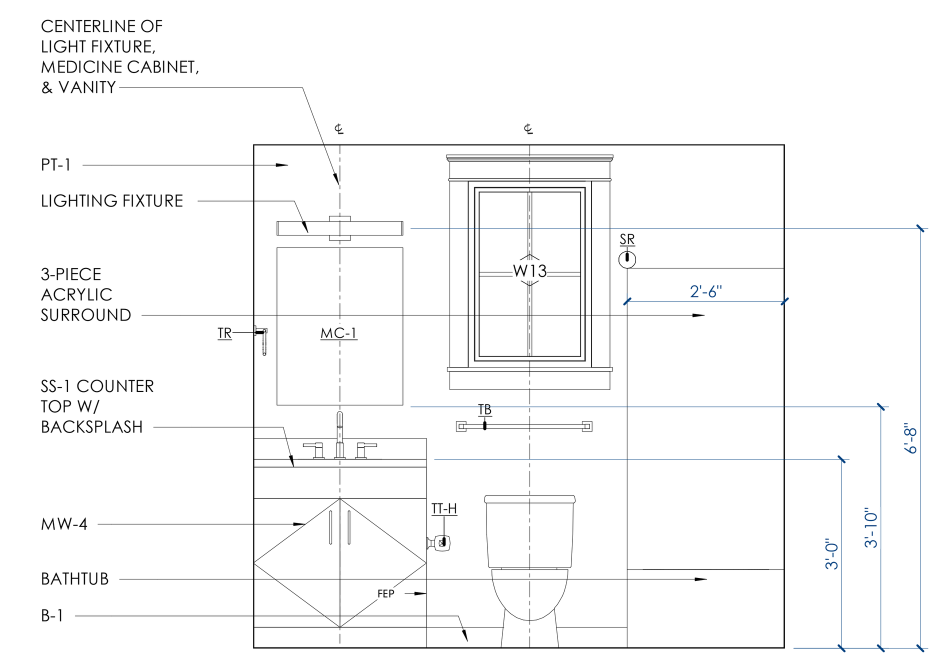
14 A870 **4.2.V - FIRST FLOOR BATHROOM ELEVATION 4**
1/2" = 1'-0"



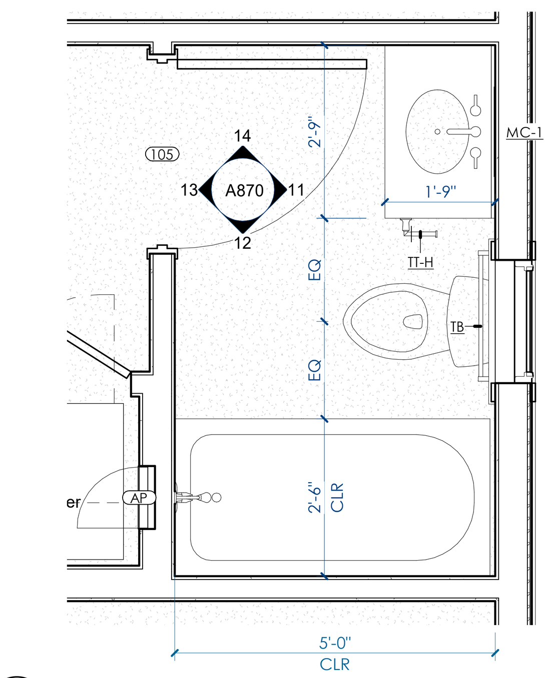
13 A870 **4.2.V - FIRST FLOOR BATHROOM ELEVATION 3**
1/2" = 1'-0"



12 A870 **4.2.V - FIRST FLOOR BATHROOM ELEVATION 2**
1/2" = 1'-0"



11 A870 **4.2.V - FIRST FLOOR BATHROOM ELEVATION 1**
1/2" = 1'-0"

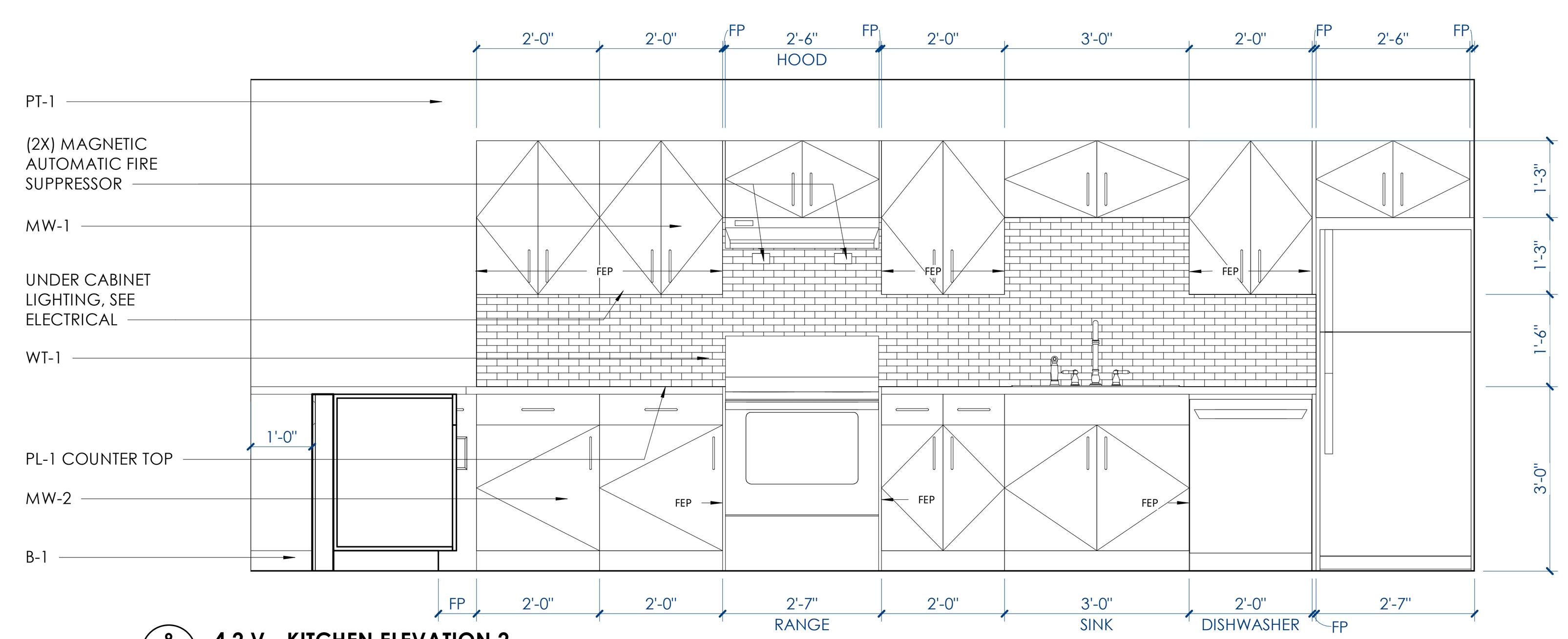


10 A870 **4.2.V - ENLARGED FIRST FLOOR BATHROOM PLAN**
1/2" = 1'-0"

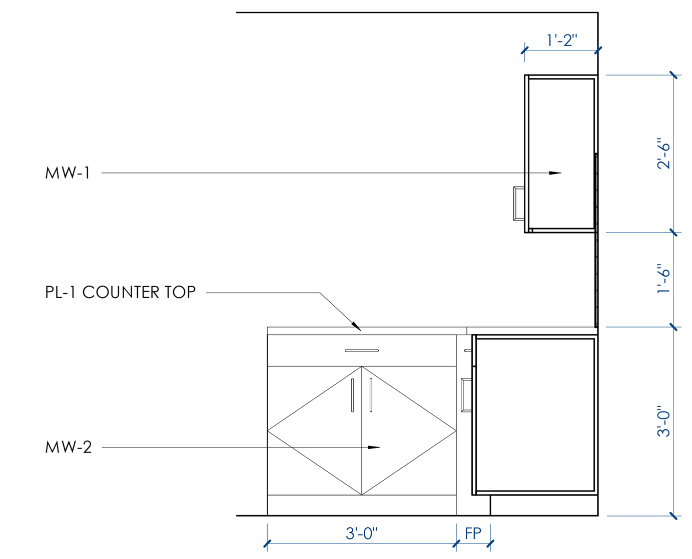
HOUSE TYPE 4.2.CO

SCHEME D - FINISH LEGEND

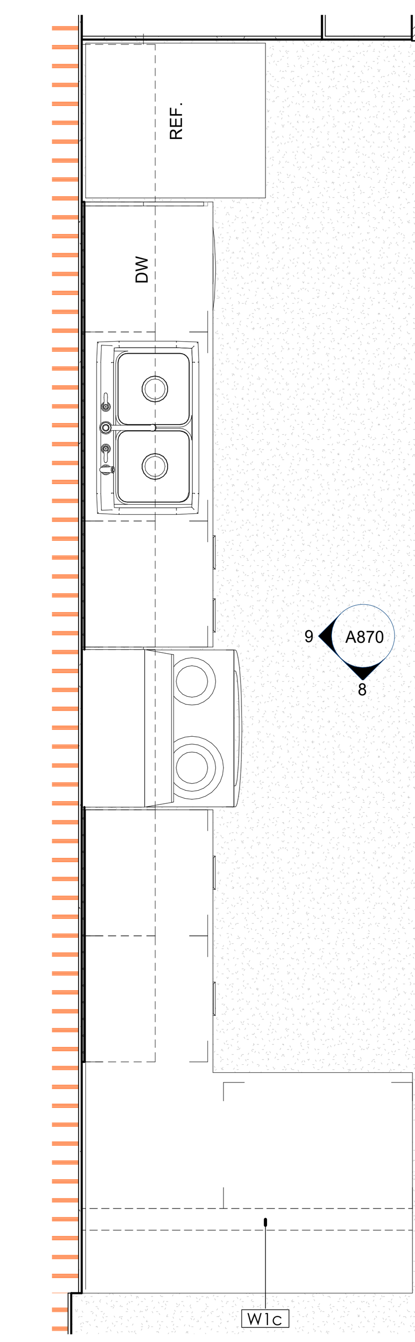
ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 123 BENMORE, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE 4.2.CO ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3



9 A870 **4.2.V - KITCHEN ELEVATION 2**
1/2" = 1'-0"



8 A870 **4.2.V - KITCHEN ELEVATION 1**
1/2" = 1'-0"

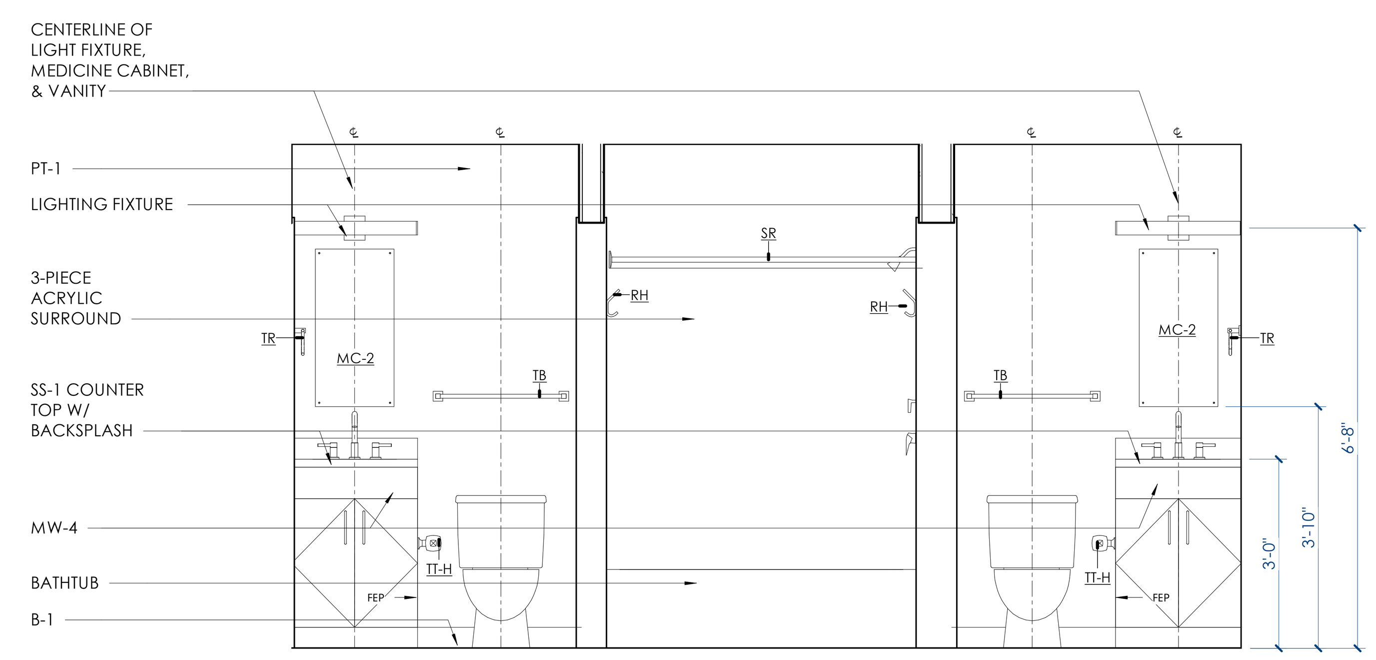


7 A870 **4.2.V - ENLARGED KITCHEN PLAN**
1/2" = 1'-0"

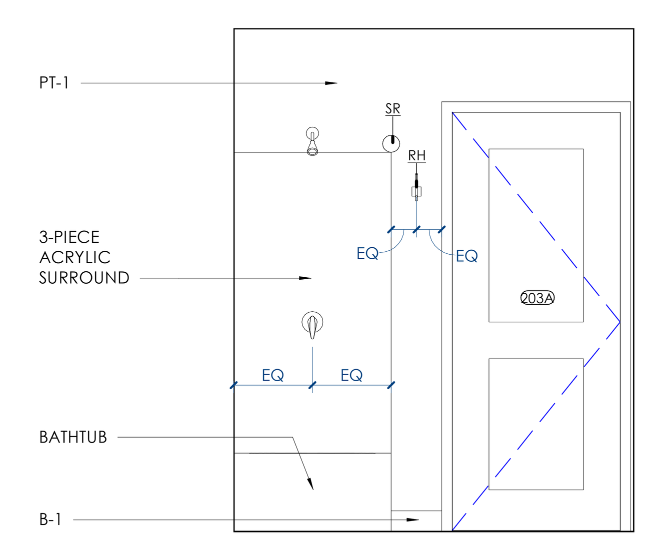
HOUSE TYPE 4.2.V

SCHEME C - FINISH LEGEND

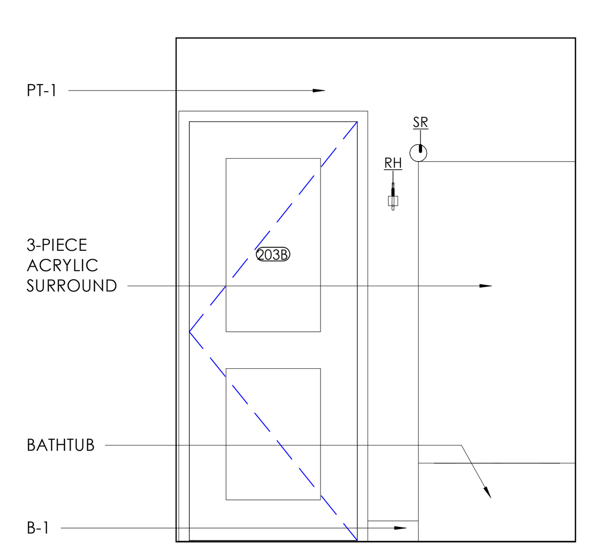
ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION, PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE TYPES 3.3.V, 4.2.V, & 5.1.T ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3



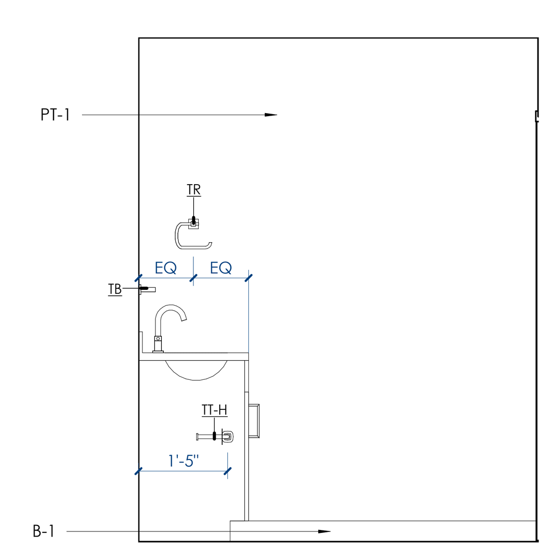
6 A870 **4.2.V - UPSTAIRS BATHROOM ELEVATION 2**
1/2" = 1'-0"



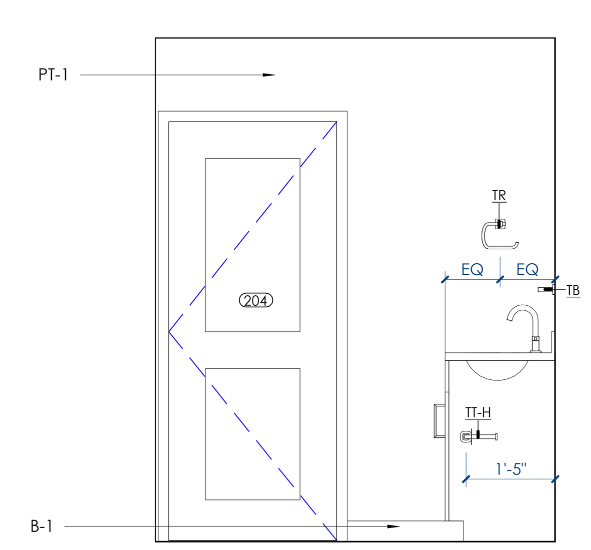
5 A870 **4.2.V - UPSTAIRS BATHROOM ELEVATION 3**
1/2" = 1'-0"



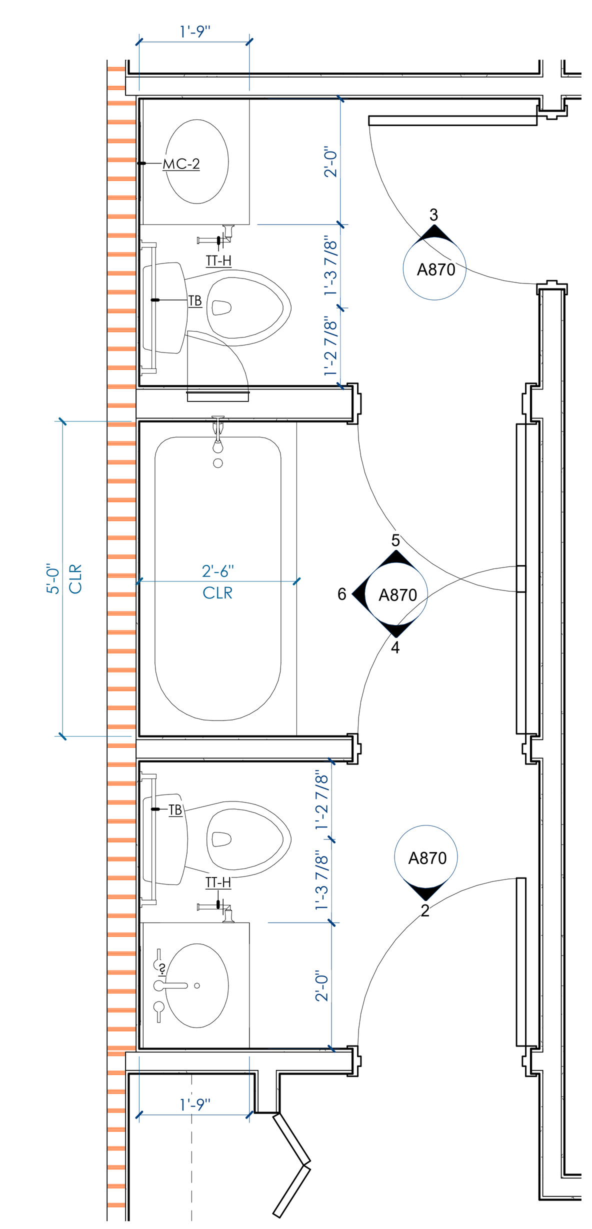
4 A870 **4.2.V - UPSTAIRS BATHROOM ELEVATION 1**
1/2" = 1'-0"



3 A870 **4.2.V - UPSTAIRS BATHROOM ELEVATION 4**
1/2" = 1'-0"



2 A870 **4.2.V - UPSTAIRS BATHROOM ELEVATION 5**
1/2" = 1'-0"



1 A870 **4.2.V - UPSTAIRS BATHROOMS ENLARGED PLAN**
1/2" = 1'-0"

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECEIVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

TIME / DATE: 6/3/2020 9:02:42 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19035

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FACSIMILE:	(865) 544-0402
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PROJECT INFORMATION

CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:
MARGARET L. BUTLER
REGISTERED ARCHITECT
AGRICULTURE COMMERCE
No. 00021..
STATE OF TENNESSEE
04 JUNE 2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

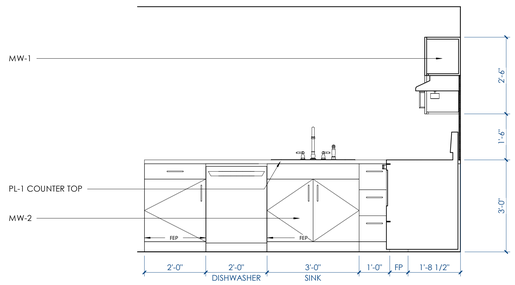
No.	Date	Description

DRAWING INFORMATION

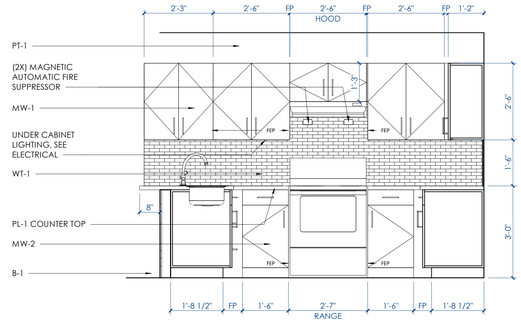
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
4.2.V/CO - ENLARGED PLANS & INTERIOR ELEVATIONS

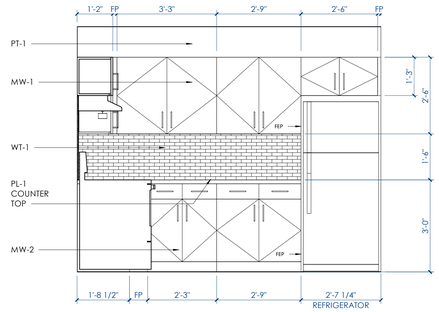
DRAWING NO:
A870



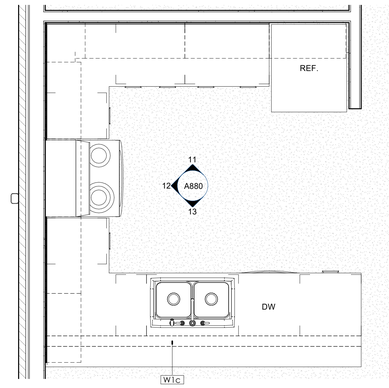
13 A880 **5.1.T - KITCHEN SOUTH ELEVATION**
1/2" = 1'-0"



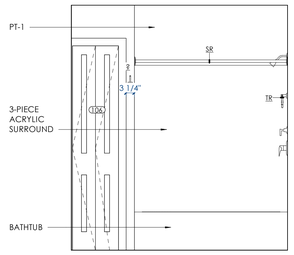
12 A880 **5.1.T - KITCHEN WEST ELEVATION**
1/2" = 1'-0"



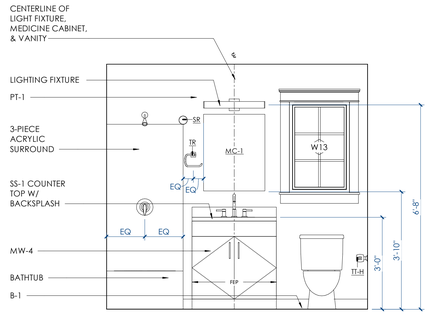
11 A880 **5.1.T - KITCHEN NORTH ELEVATION**
1/2" = 1'-0"



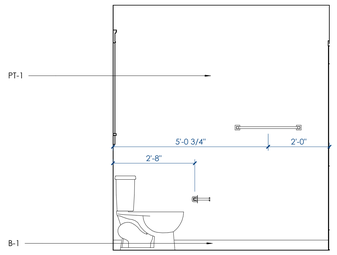
10 A880 **5.1.T - ENLARGED KITCHEN PLAN**
1/2" = 1'-0"



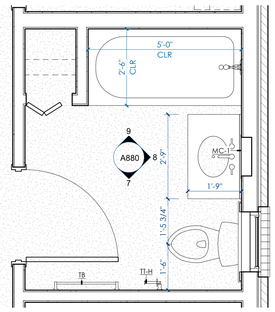
9 A880 **5.1.T - DOWNSTAIRS BATHROOM NORTH ELEVATION**
1/2" = 1'-0"



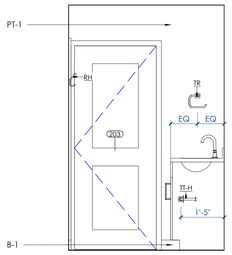
8 A880 **5.1.T - DOWNSTAIRS BATHROOM EAST ELEVATION**
1/2" = 1'-0"



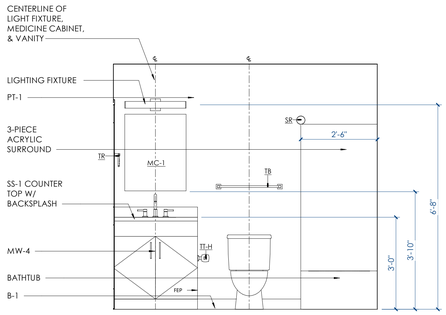
7 A880 **5.1.T - DOWNSTAIRS BATHROOM SOUTH ELEVATION**
1/2" = 1'-0"



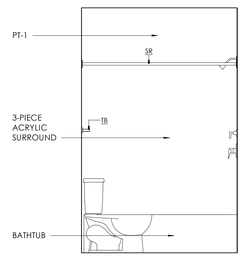
6 A880 **5 BED 1st FLOOR PLAN - TUDOR - Callout 1**
1/2" = 1'-0"



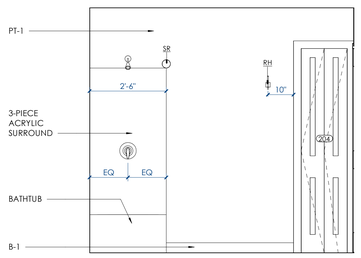
5 A880 **5.1.T - UPSTAIRS BATHROOM EAST ELEVATION1**
1/2" = 1'-0"



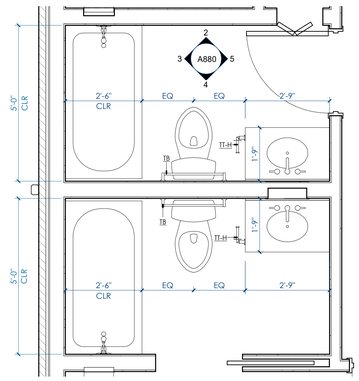
4 A880 **5.1.T - UPSTAIRS BATHROOM SOUTH ELEVATION1**
1/2" = 1'-0"



3 A880 **5.1.T - UPSTAIRS BATHROOM WEST ELEVATION1**
1/2" = 1'-0"



2 A880 **5.1.T - UPSTAIRS BATHROOM NORTH ELEVATION1**
1/2" = 1'-0"



1 A880 **5 BED 2nd FLOOR PLAN - TUDOR - Callout 1**
1/2" = 1'-0"

SCHEME C - FINISH LEGEND

ITEM	TAG	MATERIAL	LOCATION	SPECIFICATION
FLOOR FINISH				
	LVT-1	LUXURY VINYL TILE	GENERAL	MOHAWK GROUP, HOT & HEAVY COLLECTION. PATTERN: #C0009 SECOYA, COLOR: 142 KEW GARDENS, SIZE: 9"x59", THICKNESS: 5MM, WEAR LAYER: 20 MIL
BASE/TRIM FINISH				
	B-1	WOOD BASE	GENERAL	1X4 PAINTED WOOD BASE, SEMI-GLOSS FINISH, PT-3
WALL FINISH				
	PT-1	PAINT	CEILING	SHERWIN WILLIAMS, COLOR: SW7007 CEILING BRIGHT WHITE, FLAT FINISH
	PT-2	PAINT	GENERAL	SHERWIN WILLIAMS, COLOR: SW7671 ON THE ROCKS, EGGSHELL FINISH; SATIN FINISH IN THE BATHROOM, LAUNDRY & KITCHEN
	PT-3	PAINT	TRIM	BENJAMIN MOORE, COLOR: OC-149 DECORATOR'S WHITE, SEMI-GLOSS FINISH
	WT-1	CERAMIC WALL TILE	KITCHEN BACKSPLASH	BOSS FLOORING, ARRAY SUBWAY TILE, COLOR: 6261 TENDER GRAY, FINISH: MATTE, SIZE: 3"x6", INSTALL: STACKED
MILLWORK FINISH				
	PL-1	PLASTIC LAMINATE	KITCHEN COUNTER	WILSONART, STD. LAMINATE 4924-38 WHITE CARRARA, FINE VELVET FINISH
	SS-1	SOLID SURFACE	BATHROOM COUNTER	CULTURED MARBLE, COLOR: WHITE "SILVERED STREAK"
	MW-1	UPPER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-2	LOWER CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-3	ISLAND CABINETRY	KITCHEN	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
	MW-4	VANITY	BATHROOM	ADVANTA CABINETS, RUTLEDGE SLAB, PAINT, COLOR: ALPINE WHITE
CEILING FINISH				
	GYP	GYPSUM WALL BOARD		PAINTED PT-1
MISCELLANEOUS				
	GT-1	GROUT		TO BE USED W/ WT-1, CUSTOM, COLOR: 543 DRIFTWOOD
	STR	INTERIOR STAIR	HOUSE TYPES 3.3.V, 4.2.V, & 5.1.T ONLY	TREADS & HANDRAIL: STAIN TO MATCH LVT-1; NEWEL, BALUSTERS, RISERS, & STRINGERS: PT-3

TOILET ACCESSORIES LEGEND

MARK	DESCRIPTION
GBH42	42" HORIZONTAL GRAB BAR
GBH24	24" HORIZONTAL GRAB BAR
GBH36	36" HORIZONTAL GRAB BAR
GBH48	48" HORIZONTAL GRAB BAR
GBV18	18" VERTICAL GRAB BAR
TT-H	TOILET TISSUE HOLDER
MC-1	24" x 30" RECESSED FRAMELESS MEDICINE CABINET
MC-2	15" x 30" RECESSED FRAMELESS MEDICINE CABINET
RH	ROBE HOOK (UFAS @ 44" OR 48" MAX AFF)
SR	SHOWER ROD
TB	24" TOWEL BAR (UFAS @ 44" OR 48" MAX AFF)
TR	TOWEL RING (UFAS @ 44" OR 48" MAX AFF)
NOTE*	
1.	REFER TO AG010 FOR MOUNTING HEIGHTS.
2.	FEP - FINISHED END PANEL.

PLAN NOTES

1. ALL INTERIOR WALLS TYPE W1a UNO ON PLANS. SEE A490.
2. ALL INTERIOR WALLS DIMENSIONED TO FACE OF STUD, UNLESS ACCOMPANIED BY CENTERLINE SYMBOL (℄)
3. ALL STORAGE & LINEN CLOSETS TO RECIEVE WIRE SHELVING AT 12" INTERVALS FROM 1'-0" TO 6'-0" AFF
4. ALL BEDROOM CLOSETS TO RECIEVE HANGING ROD @ 5'-0" AFF W/ WIRE SHELF ABOVE
5. ALL 1-BR (UFAS AND NON-UFAS) UNITS TO RECIEVE TOILET AND SHOWER GRAB BARS AS SHOWN ON PLANS. ALL 2-BR UNITS TO RECIEVE BLOCKING IN WALLS FOR FUTURE GRAB BARS
6. PORCH STAIRS TO RECEIVE HANDRAIL AS DETAILED ON ONE SIDE WHERE STAIR COUNT 4 OR GREATER - SEE CIVIL DWGS
7. EXTEND FIRE-RATED SEPARATION WALLS TO INTERIOR FACE OF EXTERIOR SHEATHING, TYP @ EXT WALLS /ROOF
8. CL OF DEMISING WALLS @ CENTER OF BLDG IN DUPLEX UNITS OR 1/3 BLDG IN TRIPLEX UNITS UNO ON PLANS
9. ROUTE ROOF EXHAUST TO PLAN NORTH (REAR) SECTION OF ROOF WHERE POSSIBLE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 9:05:25 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19035

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT: SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

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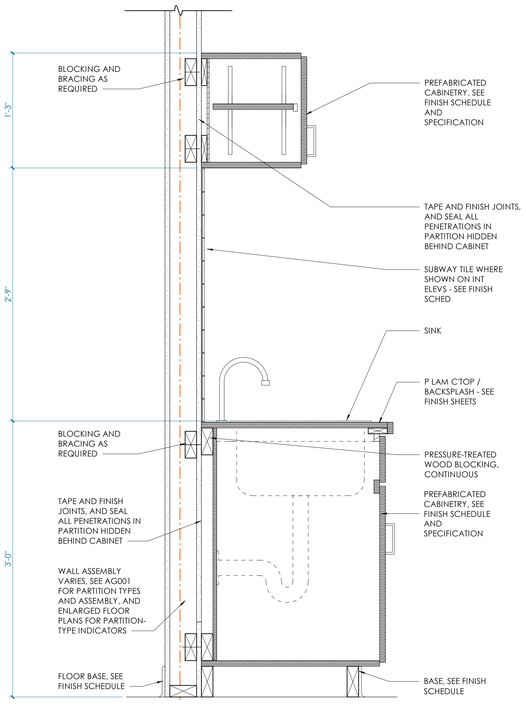
No.	Date	Description

DRAWING INFORMATION

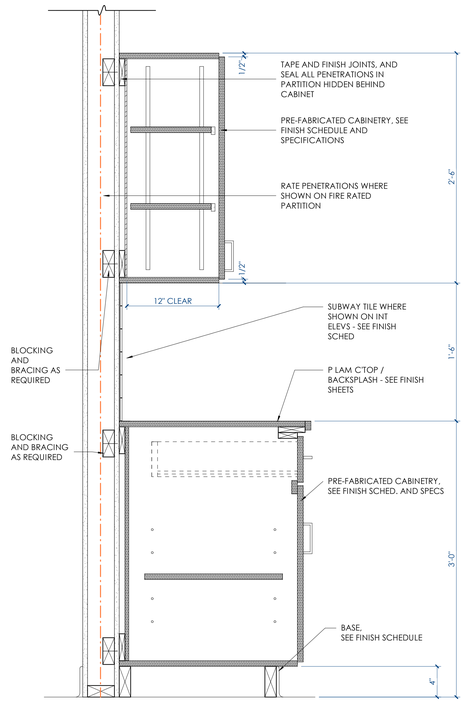
SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	Margaret Butler
PA / PC:	Jake Thomas / -
DRAWN BY:	Author
CHECKED BY:	Project.Checked By

DRAWING TITLE:
5.1.T - ENLARGED PLANS & INTERIOR ELEVATIONS

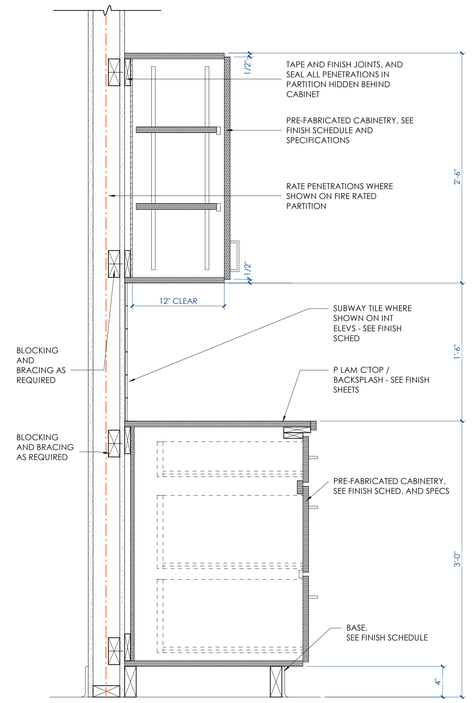
DRAWING NO:
A880



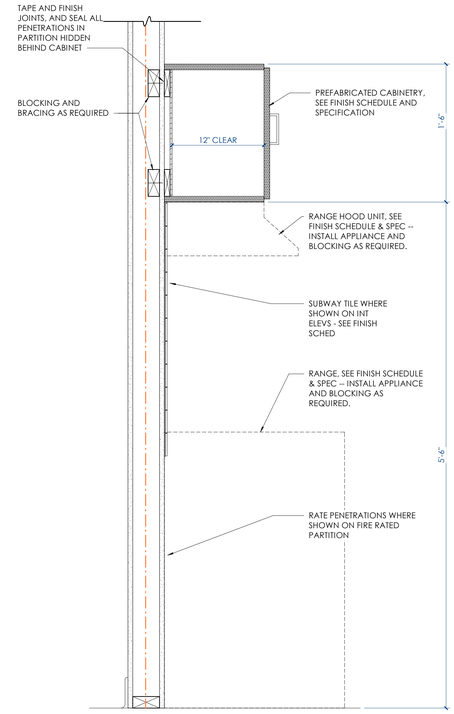
5 A890 **BASE CABINET w SINK**
1 1/2" = 1'-0"



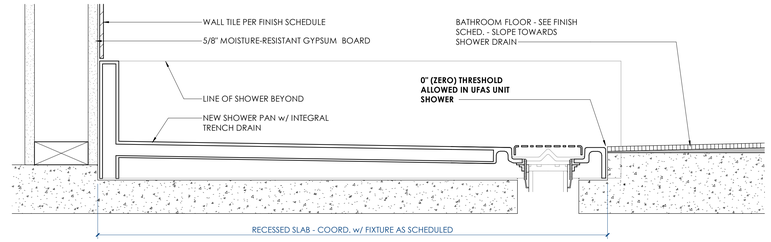
9 A890 **BASE CABINET w/ SWINGING DOOR**
1 1/2" = 1'-0"



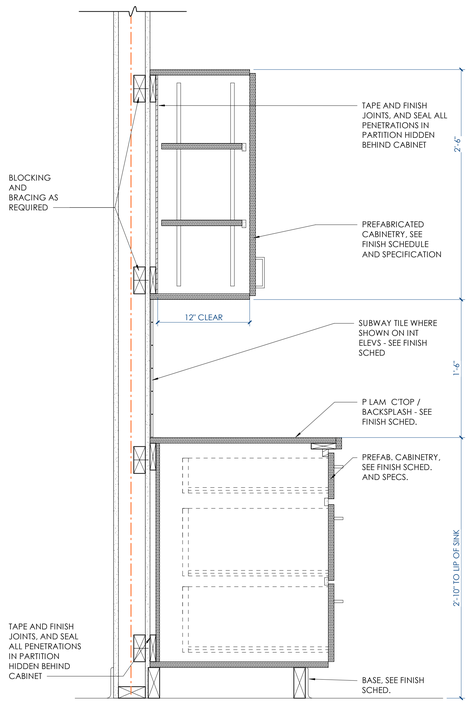
3 A890 **BASE CABINET w/ DRAWERS**
1 1/2" = 1'-0"



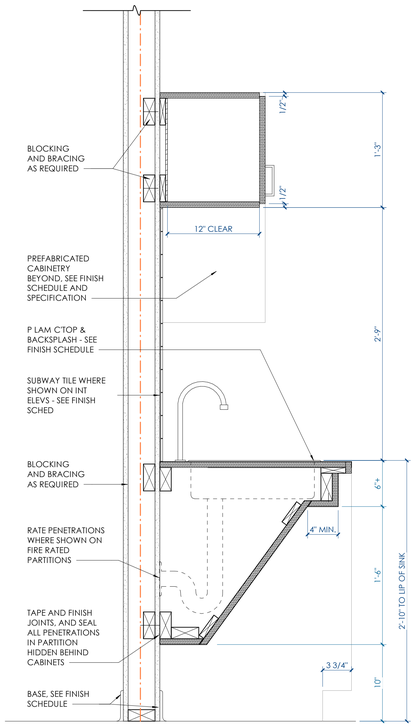
1 A890 **WALL CABINET SECTION @ RANGE2**
1 1/2" = 1'-0"



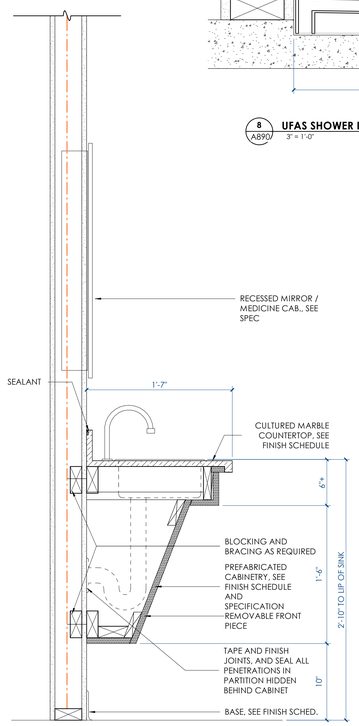
8 A890 **UFAS SHOWER DETAIL**
3" = 1'-0"



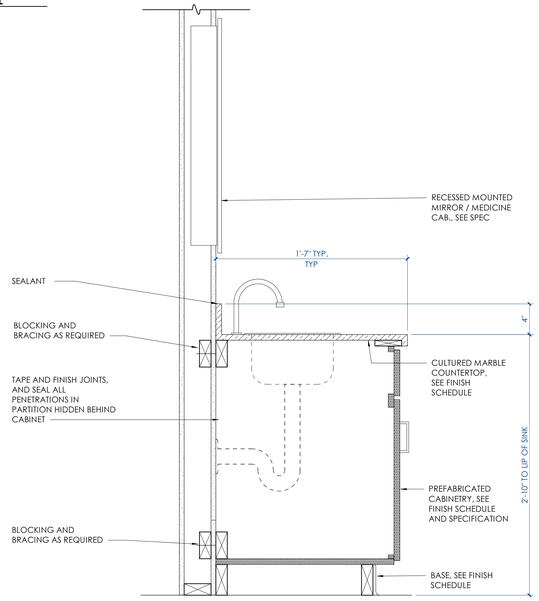
7 A890 **UFAS BASE & WALL CABINET DETAIL1**
1 1/2" = 1'-0"



4 A890 **UFAS UNIT BASE & WALL CABINET DETAIL @ KITCHEN SINK**
1 1/2" = 1'-0"



2 A890 **UFAS BATHROOM SINK AND VANITY1**
1 1/2" = 1'-0"



6 A890 **BASE CABINET @ BATHROOM SINK1**
1 1/2" = 1'-0"

BINDING EDGE

BINDING EDGE

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TIME / DATE: 6/3/2020 9:05:47 PM

McCARTY HOLSAPLE McCARTY
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PROJECT INFORMATION

CONTRACT:	SBC-0000000000000000

OAKLAND COURT REDEVELOPMENT

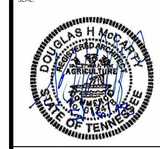
415 N. MAPLE ST.

MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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PA / PC:	Jake Thomas
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TYPICAL MILLWORK SECTIONS

DRAWING NO:

A890

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BINDING EDGE

BINDING EDGE

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McCARTY
HOLSAPLE
McCARTY

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OAKLAND COURT REDEVELOPMENT

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MURFREESBORO , TENNESSEE 37130

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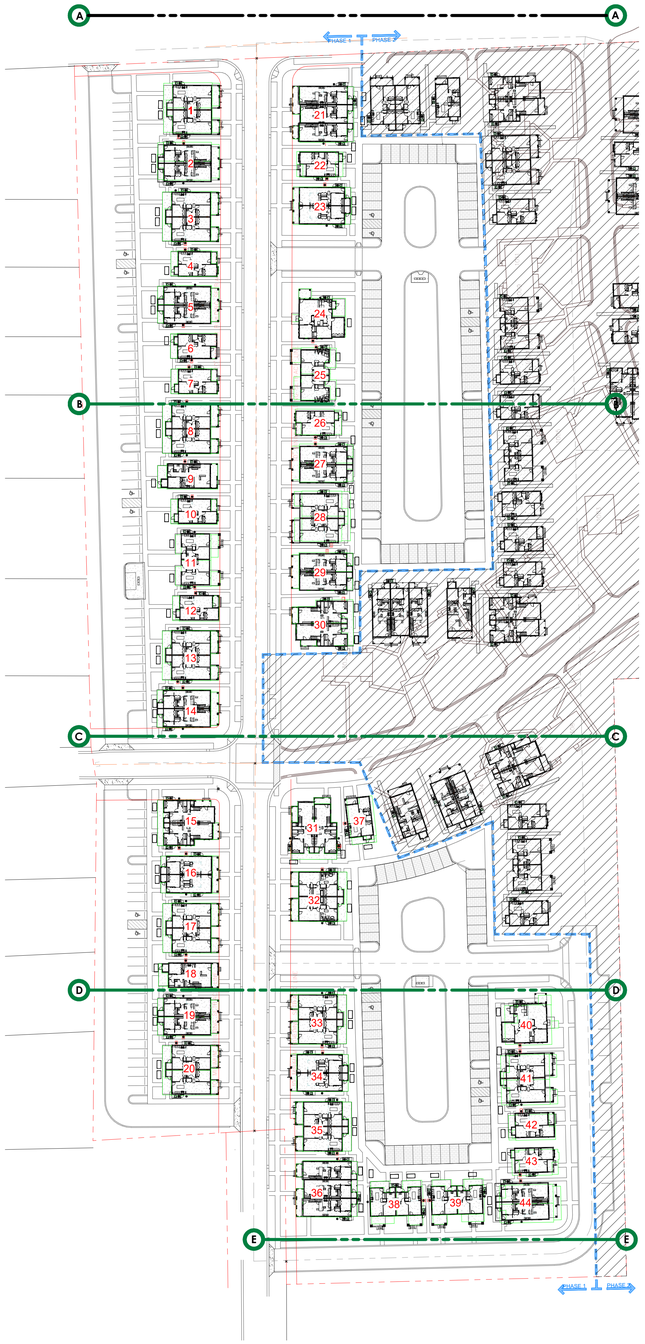
DRAWING NO:

A891

BINDING EDGE

BINDING EDGE

BINDING EDGE



1 A990 **OVERALL SITE PLAN**
1" = 60'-0"

FINISH PLAN GENERAL NOTES

1. ALL SAMPLES TO BE SUBMITTED TO ARCHITECT IN DUPLICATE FOR APPROVAL.
2. ALL TRIM TO BE PT-3, U.N.O.
3. PROVIDE WINDOW SHADES AT ALL EXTERIOR WINDOWS U.N.O.
4. TYPICAL WALL BASE TO BE B-1, U.N.O.
5. DIMENSIONS, TARGETS, ETC., THAT ARE TYPICAL FOR MANY AREAS MAY NOT BE NOTED ON EVERY ELEVATION.
6. ALL FINISHES INSIDE COAT AND STORAGE CLOSETS SHALL BE CONSISTENT WITH THE ADJACENT FINISHES, U.N.O.
7. FLOOR COVERINGS IN CLOSETS SHALL BE THE SAME AS THAT OF THE SPACE INTO WHICH THE CLOSET DOOR OPENS, U.N.O.
8. PROVIDE A PRIME PAINT COAT IN UNEXPOSED AREAS COVERED BY MILLWORK, PANELING, AND OTHER FIXED ARCHITECTURAL ELEMENTS U.N.O.
9. PROVIDE A FINISH AT ALL AREAS THAT ARE EXPOSED BEHIND MILLWORK, PANELING, ETC. DUE TO REVEALS, JOINTS, END CONDITIONS, ETC.
10. PAINT EXPOSED ELECTRICAL RACEWAYS TO MATCH THE ADJACENT WALL SURFACE.
11. EXTEND ALL SPECIFIED FLOORING FOR A PARTICULAR AREA UNDER MILLWORK IN THAT AREA.
12. SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
13. PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, U.N.O.
14. G.C. TO INSTALL ALL FINISHES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
15. ALL WALL TILE THAT TURNS OR ENDS ON AN OUTSIDE CORNER SHOULD BE FINISHED WITH A SCHLUTER TRNSITON AT HTE VERTICAL EDGE, U.N.O.
16. NO GROUT JOINT TO EXCEED 1/8" IN WIDTH, UNLESS MATERIAL IS MESH MOUNTED OR PER MANUFACTURER'S RECOMMEND INSTALL METHOD.
17. ALL WINDOW SILLS TO BE SS-1.
18. INTERIOR STAIR TREADS TO BE STAINED TO MATCH SPECIFIED LVT FLOORING PER SCHEME.

BUILDING SCHEDULE

ADDRESS #	ADDRESS ROAD NAME	HOUSE # (ON PLAN)	BUILDING DESIGNATION	UFAS RESIDENCE	S & H RESIDENCE	INTERIOR SCHEME	# FRONT PORCH RISERS	PORCH HANDRAIL(Y/N)	SIDE EAVE DETAIL LOCATION	SIDE EAVE DEPTH
1031	N ACADEMY ST	1	2.2.C			B	-	Y	2/A430	20"
1027	N ACADEMY ST	2	3.2.Fb			E	1	N	5/A451	21"
1023	N ACADEMY ST	3	2.2.C			B	-	Y	2/A430	20"
1019	N ACADEMY ST	4	2.1.V			D	1	Y	2/A420	12"
1015	N ACADEMY ST	5	3.2.Fa			F	-	N	6/A450	24"
1011	N ACADEMY ST	6	2.1.T			H	-	Y	2/A421	0"
1007	N ACADEMY ST	7	2.1.V			D	-	Y	2/A420	12"
1003	N ACADEMY ST	8	2.2.C			B	-	Y	2/A430	20"
923	N ACADEMY ST	9	5.1.T			C	-	N	3/A480	0"
919	N ACADEMY ST	10	2.1.V			D	-	Y	2/A420	12"
915	N ACADEMY ST	11	1.2.C*	X		A	-	Y	3/A410	20"
911	N ACADEMY ST	12	2.1.T			H	-	Y	2/A421	0"
907	N ACADEMY ST	13	2.2.C			B	-	Y	2/A430	20"
903	N ACADEMY ST	14	3.2.Fb			E	-	N	5/A451	21"
841	N ACADEMY ST	15	4.2.CO			D	-	N	2/A471	12"
837	N ACADEMY ST	16	1.2.F			G	-	Y	2/A411	21"
833	N ACADEMY ST	17	2.2.C			B	-	Y	2/A430	20"
829	N ACADEMY ST	18	5.1.T			C	-	N	3/A480	0"
825	N ACADEMY ST	19	3.2.Fa			F	-	N	6/A450	24"
821	N ACADEMY ST	20	2.2.C			B	-	Y	2/A430	20"
1028	N ACADEMY ST	21	3.3.V			C	-	N	10/A460	12"
1024	N ACADEMY ST	22	2.1.V			D	2	Y	2/A420	12"
1020	N ACADEMY ST	23	1.2.F			G	3	Y	2/A411	21"
1012	N ACADEMY ST	24	3.1.CO(u)			D	-	N	2/A445	12"
1008	N ACADEMY ST	25	1.2.C(u)		X	A	5	N	3/A410	20"
1004	N ACADEMY ST	26	2.1.V*		X	D	5	Y	2/A420	12"
924	N ACADEMY ST	27	3.2.Fb			E	5	N	5/A451	21"
920	N ACADEMY ST	28	2.2.C			B	5	Y	2/A430	20"
916	N ACADEMY ST	29	3.2.Fb			E	4	N	5/A451	21"
912	N ACADEMY ST	30	4.2.V			C	4	N	10/A470	16"
848	E LOKEY AVE	31	4.2.V			C	1	N	10/A470	16"
844	N ACADEMY ST	32	2.2.C(u)			B	2	N	2/A430	20"
836	N ACADEMY ST	33	2.2.C			B	3	Y	2/A430	20"
832	N ACADEMY ST	34	1.2.F			G	3	Y	2/A411	21"
828	N ACADEMY ST	35	2.2.C			B	3	Y	2/A430	20"
824	N ACADEMY ST	36	3.3.V			C	4	N	10/A460	12"
300	E LOKEY AVE	37	2.1.T			H	3	Y	2/A421	0"
805	SHUTTLES DRIVE	38	1.2.C			A	1	Y	3/A410	20"
809	SHUTTLES DRIVE	39	1.2.C			A	1	Y	3/A410	20"
829	SHUTTLES DRIVE	40	3.1.CO(u)	X		D	-	N	2/A445	12"
825	SHUTTLES DRIVE	41	2.2.C	X		B	-	Y	2/A430	20"
821	SHUTTLES DRIVE	42	2.1.T			H	-	Y	2/A421	0"
817	SHUTTLES DRIVE	43	2.1.V			D	-	Y	2/A420	12"
813	SHUTTLES DRIVE	44	3.2.Fb			E	-	N	5/A451	21"

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OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO , TENNESSEE 37130

ACTIVE DESIGN PHASE

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- ☐ CONSTRUCTION DOCUMENTS
- ☑ **CONSTRUCTION BIDDING PHASE**
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

MARGARET L. BUTLER
REGISTERED ARCHITECT
AGRICULTURE
ARCHITECTURE
PLANNING
No. 00021
04 JUNE 2020
STATE OF TENNESSEE

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PRJ MGR: Margaret Butler
PA / PC: Jake Thomas / ,
DRAWN BY: Author
CHECKED BY: Project.Checked By:
DRAWING TITLE:

FINISH SCHEDULES

DRAWING NO: **A990**

TIME / DATE: 6/3/2020 9:06:55 PM

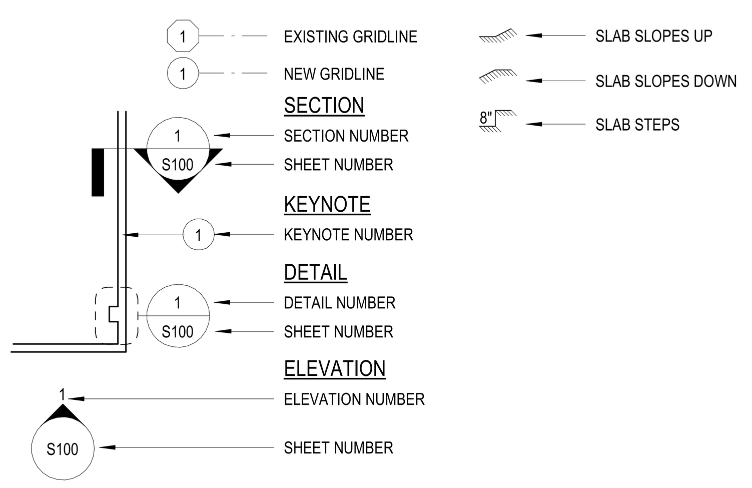
BINDING EDGE

BINDING EDGE

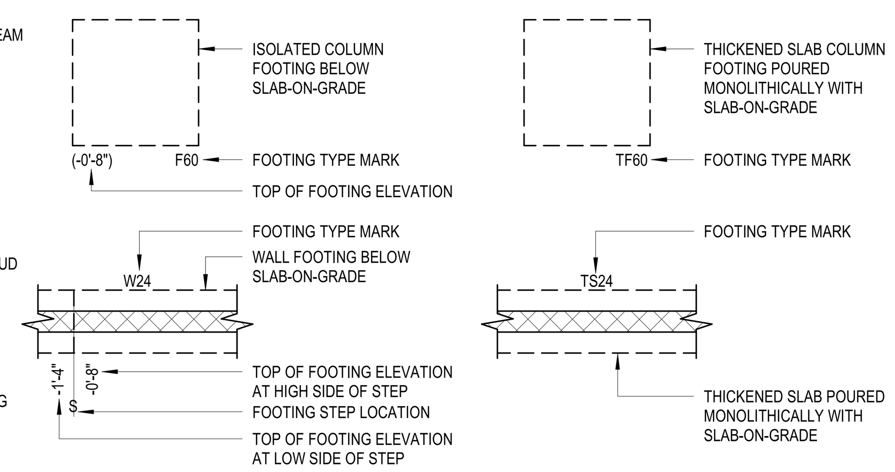
BINDING EDGE

AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJACENT, ADJUNCT
ADJT	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANC	ANCHOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
AVG	AVERAGE
AWS	AMERICAN WELDING SOCIETY
B/__	BOTTOM OF __
B/CONC	BOTTOM OF CONCRETE
B/STL	BOTTOM OF STEEL
BD	BOARD
BEL	BELOW
BF	BRACED FRAME
BITUM	BITUMINOUS
BL	BUILDING LINE
BLDG	BUILDING
BLK(G)	BLOCK(ING)
BM	BEAM
BPL	BEARING PLATE
BRCG	BRACING
BRDG	BRIDGING
BRG	BEARING
BRK	BRICK
BS	BOTH SIDES
BT	BENT
BTM	BOTTOM
BTWN	BETWEEN
BW	BOTH WAYS
C	STEEL CHANNEL
CALC	CALCULATION
CDF	CONTROLLED DENSITY FILL
CEM	CEMENT
CFT	CUBIC FOOT
CIP	CAST IN PLACE CONCRETE
CJ	CONTROL JOINT
CL	CENTER LINE
CLR	CLEAR(ANCE) / CLEAR
CM	CENTIMETER(S)
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COM	COMMON
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONST JT	CONSTRUCTION JOINT
CONT	CONTINUE(OUS)
CONTR	CONTRACT(OR)
CSK	COUNTERSINK, COUNTERSUNK
CTC	CENTER TO CENTER
CTLVR	CANTILEVER
CTR	CENTER
CY	CUBIC YARDS
CYL	CYLINDER
d	PENNY (AS IN NAIL, Id)
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DC	DRAG CONNECTION
DD	DESIGN DEVELOPMENT
DEG	DEGREE
DEM	DEMOLISH
DEP	DEPRESSED
DEPR	DEPRESSION
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DTA	DOVETAIL ANCHOR
DTS	DOVETAIL ANCHOR SLOT
DWG	DRAWING
DWLS	DOWELS
(E)	EXISTING
E	EAST
EA	EACH
EB	EXPANSION BOLT
EF	EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRIC(AL)
ELEV	ELEVATION
EO	EDGE OF
EOC	EDGE OF CONCRETE
EOM	EDGE OF MASONRY
EOP	EDGE OF PAVEMENT
EOS	EDGE OF SLAB
EPY	EPOXY COATING
EQ	EQUAL
EQUIV	EQUIVALENT
EST	ESTIMATE(D)
EXP	EXPANSION
EXT	EXTERIOR
F	FAHRENHEIT
FAS	FASTEN(ER)
FB	FLAT BAR
FBO	FURNISHED BY OTHERS
FDN	FOUNDATION
FFE	FINISHED FLOOR ELEVATION
FFL	FINISH FLOOR LINE
FIG	FIGURE
FIN	FINISH(ED)
FLG	FLANGE
FLR	FLOOR
FND	FOUNDATION
FO	FACE OF
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FS	FAR SIDE
FT	FEET
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE OR GAGE
GAL	GALLON(S)
GALV	GALVANIZED
GC	GENERAL CONTRACT(OR)
GEN	GENERAL
GF	GROUND FACE
GLB	GLUE LAMINATED BEAM
GND	GROUND
GOV	GOVERNEMENT
GR	GRADE(ING)
GRTG	GRATING
GT	GROUT
GVL	GRAVEL
GYP	GYPSUM
H.D.	HEAVY DUTY
HC	HOLLOW CORE
HD	HEAD
HDR	HEADER
HDW	HARDWARE
HGT	HEIGHT
HJT	HEAD JOINT
HK	HOOK(S)
HORIZ	HORIZONTAL
HP	STEEL HP SHAPE
HS	HIGH STRENGTH
HT	HEIGHT
HWD	HARDWOOD
ICF	INSULATED CORE FORM, INSULATING CONCRETE FORM
ID	INSIDE DIAMETER
IFC	ISSUE FOR CONSTRUCTION
IN	INCH
INCL	INCLUDE(D)(ING)
INFO	INFORMATION
INT	INTERIOR
INTM	INTERMEDIATE
INV	INVERT(ED)
JST	JOIST
JT	JOINT
K	KIP (1000 POUNDS)
KD	KILN-DRIED
KLF	KIPS PER LINEAR FOOT
KO	KNOCKOUT
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	STEEL ANGLE
LAM	LAMINATE(D)
LAND	LANDSCAPE
LB	LAG BOLT
LBR	LUMBER
LBS	POUNDS
LF	LINEAL FOOT
LG	LONG
LIN	LINEAR
LL	LIVE LOAD
LL	DOUBLE STEEL ANGLE
LLH	LONG LEGS HORIZONTAL
LLV	LONG LEGS VERTICAL
LNTL	LINTEL
LONG	LONGITUDINAL
LS	LEFT SIDE
LSL	LAMINATED STRAND LUMBER
LT GA	LIGHT GAGE
LTWT	LIGHT WEIGHT
LVL	LAMINATED VENEER LUMBER
LWC	LIGHT WEIGHT CONCRETE
M	METER(S)
MAS	MASONRY
MATL	MATERIAL(S)
MAX	MAXIMUM
MB	MACHINE BOLTS
MBR	MEMBER
MC	MISC STEEL CHANNEL
MCJ	MASONRY CONTROL JOINT
MECH	MECHANICAL
MED	MEDIUM
MEP	MECHANICAL, ELECTRIAL, PLUMBING
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MM	MILLIMETER(S)
MO	MASONRY OPENING
MOD	MODIFIED
MONO	MONOLITHIC
MOV	MOVABLE
MTD	MOUNT(ED)(ING)
MTL	METAL
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NREQD	NOT REQUIRED
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OJ	OPEN-WEB JOIST
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OTS	OPEN TO STRUCTURE
P-T	POST-TENSIOND
PAR	PARALLEL
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PED	PEDESTAL
PERF	PERFORATE(D)
PERI	PERIMETER
PF	PRE-FINISHED
PI	POINT OF INTERSECTION
PL	PLATE
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLG	PILING
PLYWD	PLYWOOD
PNL	PANEL
PNT	PENETRANT TESTING
PREFAB	PREFABRICATE(D)
PREFIN	PREFINISHED
PRF	PREFORMED
PROJ	PROJECT
PSC	PRESTRESSED CONCRETE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
PT	PRESSURE TREATED
PTC	POST-TENSIONED CONCRETE
PVC	POLYVINYLCHLORIDE
QTY	QUANTITY
R#	REVISION, REVISED
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
REF	REFERENCE
REINF	REINFORCE(D)
REQD	REQUIRED
REQT	REQUIREMENT(S)
REV	REVISION(S), REVISED
RFG	ROOFING
RGH	ROUGH
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RS	RIGHT SIDE
S	SOUTH
SCHED	SCHEDULE
SD	SCHEMATIC DESIGN
SDI	STEEL DECK INSTITUTE
SDS	SELF DRILLED SCREW
SGN	STRUCTURAL GENERAL NOTES
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SOG	SLAB ON GRADE
SOH	SIMILAR, OPPOSITE HAND
SPEC	SPECIFICATION(S)
SQ	SQUARE
SSTL	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURE(AL)
SW	SHEAR WALL
T&G	TONGUE & GROOVE
T/__	TOP OF __
TEMP	TEMPORARY
THK	THICK(NESS)
TO	TOP OF
TOC	TOP OF CONCRETE
TOL	TOLERANCE
TOM	TOP OF MASONRY
TOP	TOP OF PLATE
TOPO	TOPOGRAPHY
TOS	TOP OF STEEL
TOSL	TOP OF SLAB
TOT	TOP OF TRUSS
TOW	TOP OF WALL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TESTING
VERT	VERTICAL
VNR	VENEER
VOL	VOLUME
W	WEST
W	STEEL WIDE FLANGE BEAM
W/	WITH
W/O	WITHOUT
WD	WOOD
WD BLK	WOOD BLOCKING
WID	WIDTH
WM	WIRE MESH
WP	WORK POINT
WS	WATER STOP
WT	WEIGHT
WTS	WELDED THREADED STUD
WTW	WALL-TO-WALL
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
XS	EXTRA STRONG
XXS	DOUBLE EXTRA STRONG

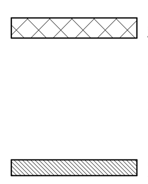
ABBREVIATIONS



MISCELLANEOUS PLAN SYMBOLS



FOOTING SYMBOLS & SCHEDULE MARKS



CMU WALL
1. SEE PLAN FOR WALL SIZE.
2. REINFORCE PER TYPICAL CMU WALL REINFORCING SCHEDULE WHERE REINFORCING IS NOT CALLED OUT ON PLAN.
3. PROVIDE ADDITIONAL REINFORCEMENT AS REQUIRED PER TYPICAL DETAILS.

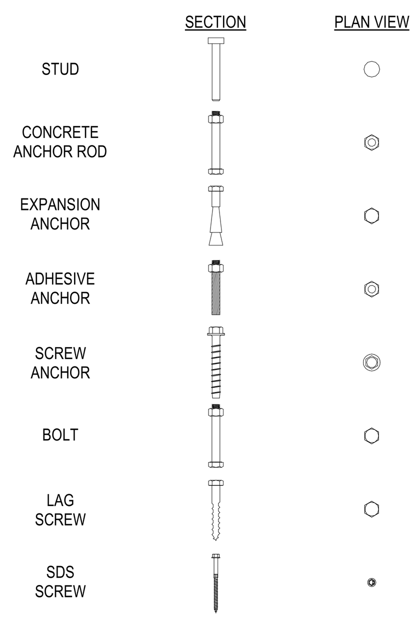
WOOD STUD WALL
1. SEE PLAN FOR WALL SIZE.
2. CONSTRUCT PER TYPICAL STRUCTURAL WOOD STUD WALL ELEVATION DETAIL, UNO
3. PROVIDE ADDITIONAL CONSTRUCTION COMPONENTS AS REQUIRED PER SHEAR WALL SCHEDULE WHERE APPLICABLE

STRUCTURAL WALL TYPES

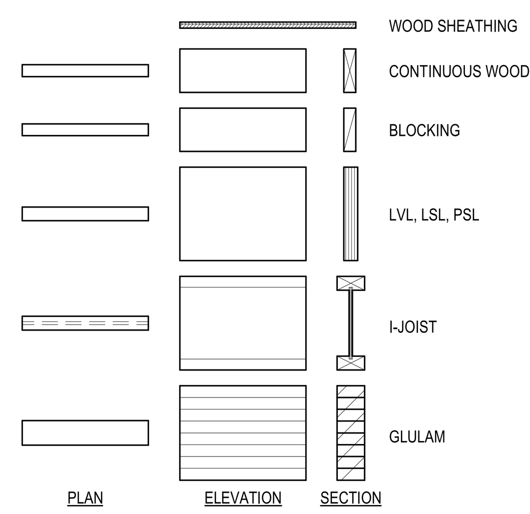
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25

NOTES:
1. NUMBERING ON SHEETS FOLLOWS LAYOUT ABOVE.
2. NUMBERING MAY NOT BE SEQUENTIAL ON SHEETS.

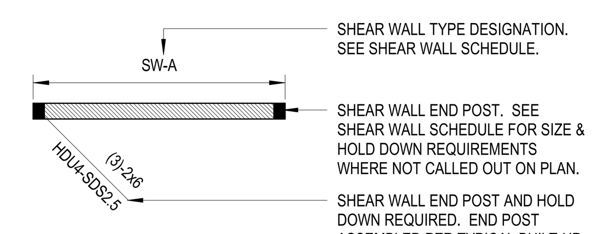
TYPICAL SHEET LAYOUT



CONNECTOR SYMBOLS



WOOD SYMBOLS



NOTES:
1. SEE PLAN FOR WALL EXTENTS. TYPICALLY, WALLS BEGIN/END AT BUILDING CORNERS, WALL INTERSECTIONS, AND/OR EDGES OF WALL OPENINGS
2. CONSTRUCT PER TYPICAL STRUCTURAL WOOD STUD WALL ELEVATION DETAIL, UNO
3. PROVIDE ADDITIONAL CONSTRUCTION COMPONENTS AS REQUIRED PER SHEAR WALL SCHEDULE
4. AT ELEVATED FLOORS, HOLD DOWNS AND END POSTS ARE REQUIRED ABOVE AND BELOW FLOOR. SEE TYPICAL DETAIL.
5. SHEAR WALL END POST STUDS ARE FULL HT KING STUDS IN ADDITION TO REQUIRED JACK STUDS.

WOOD SHEAR WALL KEY

STRUCTURAL SHEET LIST

SHEET NUMBER	SHEET NAME
S001	ABBREVIATIONS, SYMBOLS, AND LEGENDS
S002	STRUCTURAL GENERAL NOTES
S003	SPECIAL INSPECTIONS
S004	CONCRETE & MASONRY TYPICAL DETAILS
S005	WOOD TYPICAL DETAILS
S006	WOOD TYPICAL DETAILS
S110	1 BED DUPLEX - CRAFTSMAN FOUNDATION & ROOF FRAMING PLAN
S111	1 BED DUPLEX - 4 SQUARE FOUNDATION & ROOF FRAMING PLAN
S115	1 BED DUPLEX - CRAFTSMAN (UFAS) FOUNDATION & ROOF FRAMING PLAN
S120	2 BED SINGLE - VICTORIAN FOUNDATION & ROOF FRAMING PLAN
S121	2 BED SINGLE - TUDOR FOUNDATION & ROOF FRAMING PLAN
S130	2 BED DUPLEX - CRAFTSMAN FOUNDATION & ROOF FRAMING PLAN
S135	2 BED DUPLEX - CRAFTSMAN (UFAS) FOUNDATION & ROOF FRAMING PLAN
S145	3 BED SINGLE - COLONIAL FOUNDATION & ROOF FRAMING PLAN
S150	3 BED DUPLEX - 4 SQUARE FOUNDATION & SECOND FRAMING PLAN
S151	3 BED DUPLEX - 4 SQUARE ROOF FRAMING PLAN
S152	3 BED DUPLEX - 4 SQUARE (BRICK) FOUNDATION & FRAMING PLAN
S153	3 BED DUPLEX - 4 SQUARE (BRICK) ROOF FRAMING PLAN
S160	3 BED TRIPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN
S161	3 BED TRIPLEX - VICTORIAN ROOF FRAMING PLAN
S170	4 BED DUPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN
S171	4 BED DUPLEX - VICTORIAN ROOF FRAMING PLAN
S172	4 BED DUPLEX - COLONIAL FOUNDATION & SECOND FLOOR FRAMING PLAN
S173	4 BED DUPLEX - COLONIAL ROOF FRAMING PLAN
S180	5 BED SINGLE - FOUNDATION & SECOND FLOOR FRAMING PLAN
S181	5 BED SINGLE - ROOF FRAMING PLAN
S201	SECTIONS & DETAILS
S202	SECTIONS & DETAILS
S203	SECTIONS & DETAILS
S204	SECTIONS & DETAILS
S205	SECTIONS & DETAILS

STRUCTURAL SHEET LIST

USE OF DRAWINGS

TYPICAL DETAILS: ALL TYPICAL DETAILS AND NOTES SHOWN IN THE DRAWINGS SHALL APPLY UNLESS NOTED OTHERWISE. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED ON THE PLANS BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE TYPICAL DETAILS ARE NOTED ON THE DRAWINGS, THE SPECIFIED TYPICAL DETAIL SHALL BE USED. WHERE NO DETAIL IS NOTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE TYPICAL DETAIL FROM THOSE PROVIDED. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED ALTERNATE TYPICAL DETAILS TO THOSE PROVIDED WITH RELATED CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO SHOP DRAWING PRODUCTION AND FIELD USE.

STRUCTURAL GENERAL NOTES: NOTES ON THE STRUCTURAL GENERAL NOTES SHEET ARE APPLICABLE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS.

USE OF DRAWINGS AND COORDINATION: USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, MECHANICAL AND OTHER DRAWINGS FOR BIDDING AND CONSTRUCTION. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC NOT SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE WORK AND VERIFY DIMENSIONS AND CONDITIONS FOR COMPATIBILITY BETWEEN TRADES AND EQUIPMENT PURCHASED. NOTIFY OWNER'S REPRESENTATIVE OF DISCREPANCIES PRIOR TO CONSTRUCTION.

DRAWING SCALE: NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS - DO NOT SCALE DRAWINGS.

DIMENSION VERIFICATION: DIMENSIONS NOTED PLUS OR MINUS (+/-) OR AS 'FIELD VERIFY' INDICATE UN-VERIFIED DIMENSIONS THAT REQUIRE CONFIRMATION OR DETERMINATION BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY OF CONFLICTS OR VARIATIONS FROM INDICATED DIMENSIONS.

NOTE CONFLICTS: IF ANY STRUCTURAL NOTES ARE IN CONFLICT WITH EACH OTHER ARCHITECTURAL, OTHER DRAWINGS, OR THE SPECIFICATIONS, USE THE MOST STRINGENT REQUIREMENT FOR BIDDING AND CONSTRUCTING THE WORK.

EXISTING CONDITIONS: INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY WORK. IMMEDIATELY REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE ENGINEER OF RECORD. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE ENGINEER OF RECORD.

DESIGN BY OTHERS: ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF THE PROJECT AND BE ACCOMPANIED BY SUBSTANTIATING CALCULATIONS.

MEANS AND METHODS

MEANS AND METHODS: CSA ENGINEERING, INC. OR ANY OF ITS EMPLOYEES SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, TECHNIQUES, PROCEDURES, SEQUENCES, ACTS OR OMISSIONS OF THE CONTRACTOR OR ANY OTHER PERSONS PERFORMING THE WORK, OR FOR THE FAILURE OF ANY OF INDIVIDUAL OR COMPANY TO SAFELY CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

STABILITY: THE CONTRACTOR SHALL PROVIDE NECESSARY BRACING AND SHORING AS REQUIRED UNTIL THE BUILDING'S STRUCTURAL SYSTEMS HAVE BEEN COMPLETED. THE STRUCTURE SHALL NOT BE CONSIDERED STABLE UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL RETAIN A QUALIFIED LICENSED STRUCTURAL ENGINEER WHO SHALL DETERMINE WHERE TEMPORARY SHORING/BRACING IS REQUIRED AND PROVIDE ITS DESIGN. PROVIDE THE TEMPORARY BRACING AS REQUIRED TO STABILIZE THE STRUCTURE AND ITS COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED ACCORDING TO THE CONTRACT DOCUMENTS.

JOBSITE SAFETY: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING A SAFE PLACE TO WORK AND FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE JURISDICTIONS. EXECUTE WORK IN A MANNER THAT PROVIDES FOR THE SAFETY OF PERSONS AND ADJACENT PROPERTY AGAINST INJURY AND DAMAGE DUE TO FALLING DEBRIS AND OTHER HAZARDS IN CONNECTION WITH CONSTRUCTING THE WORK.

CONSTRUCTION LOADING: THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE STRUCTURE DURING CONSTRUCTION. WHERE CONSTRUCTION SEQUENCING AND STAGING ARE LIKELY TO CREATE OVERLOADING, THE CONTRACTOR SHALL RETAIN A QUALIFIED STRUCTURAL ENGINEER TO DETERMINE HOW TO TEMPORARILY SHORE AND SUPPORT THE OVERLOADED ELEMENTS IN A MANNER THAT DOES NOT EXCEED THE STRESS LIMITS OF THE ELEMENTS AND THE SUPPORTING FOUNDATION AS DEFINED BY THE APPLICABLE BUILDING CODES.

GEOTECHNICAL

ASSUMED SOIL DESIGN PARAMETERS: A GEOTECHNICAL REPORT HAS NOT BEEN PROVIDED TO THE ENGINEER. THE FOUNDATION SYSTEM HAS BEEN DESIGNED USING THE FOLLOWING ASSUMED SOIL PARAMETERS. THE CONTRACTOR SHALL EMPLOY A TESTING LABORATORY TO VERIFY AND INSPECT THE FOLLOWING DESIGN PARAMETERS. A GEOTECHNICAL ENGINEER LICENSED IN THE PROJECT STATE EMPLOYED BY THE TESTING LABORATORY SHALL REVIEW AND VERIFY THE FOLLOWING DESIGN PARAMETERS TO ENSURE THAT ANTICIPATED TOTAL SETTLEMENT WILL NOT EXCEED ONE INCH. SHOULD ACTUAL CONDITIONS BE DETERMINED TO DEVIATE FROM THE VALUES SPECIFIED, THE TESTING LABORATORY AND THE CONTRACTOR SHALL NOTIFY ARCHITECT AND ENGINEER BEFORE CONSTRUCTION OF THE SHALLOW FOUNDATION SYSTEM.

ALLOWABLE BEARING PRESSURE:	2000 PSF
FROST DEPTH:	18 INCHES
BUILDING PAD:	
SUBGRADE MODULUS:	125 PCI
COEFFICIENT OF FRICTION:	0.35
FOUNDATION/RETAINING WALL:	
WEIGHT OF BACKFILL MATERIAL:	110 PCF
AT REST PRESSURE:	47 PSF/FT
ACTIVE PRESSURE:	35 PSF/FT
PASSIVE PRESSURE:	330 PSF/FT
COEFFICIENT OF FRICTION:	0.35

GEOTECH APPROVAL: THE GEOTECHNICAL ENGINEER SHALL OBSERVE AND APPROVE PREPARED SOIL BEARING SURFACES PRIOR TO PLACEMENT OF REINFORCING STEEL AND CASTING OF FOOTING. THE GEOTECHNICAL ENGINEER OR AN APPROVED TESTING LAB SHALL OBSERVE SOIL COMPACTION WORK.

SUBGRADE PREP: SUBGRADE PREPARATION INCLUDING DRAINAGE, EXCAVATION, COMPACTION, AND FILLING REQUIREMENTS SHALL CONFORM STRICTLY TO THE CONTRACT DOCUMENTS, THE RECOMMENDATIONS GIVEN IN THE GEOTECHNICAL REPORT, AND AS DIRECTED BY THE GEOTECHNICAL ENGINEER.

UTILITIES: DETERMINE THE LOCATION OF ALL NEW/EXISTING UNDERGROUND UTILITIES IN AND ADJACENT TO THE AREA OF WORK PRIOR TO COMMENCING EXCAVATION. COORDINATE UTILITY LOCATIONS WITH FOUNDATIONS AS REQUIRED.

EXISTING STRUCTURES: CONTRACTOR SHALL CONFIRM THE ASBUILT LOCATION OF ANY POTENTIAL NEW OR EXISTING STRUCTURES OR OBJECTS WITHIN THE ZONE OF EXCAVATION INCLUDING WORK PERFORMED AS A PORTION OF THIS PROJECT BEFORE EXCAVATING OR INSTALLING FOUNDATION ELEMENTS. NOTIFY THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH ANY EXCAVATIONS OR OTHER SITE WORK, IF THE EXCAVATION WILL CUT BELOW AN ADJACENT STRUCTURE'S BOTTOM OF FOOTING ELEVATION OR IF AN ADJACENT STRUCTURE IS UPSLOPE FROM THE PLANNED SITE WORK.

BACKFILL: BACKFILL FOOTINGS AND RETAINING WALLS WITH FREE DRAINING GRANULAR FILL. PROVIDE A SUBSURFACE DRAINAGE SYSTEM FOR FOUNDATION AND RETAINING WALLS BASED ON THE GEOTECHNICAL REPORT RECOMMENDATIONS. DO NOT BACKFILL BEHIND WALLS BEFORE ADJACENT SUPPORTING ELEMENTS ARE COMPLETE AND CURED. ALTERNATIVELY, PROVIDE DESIGN AND CONSTRUCTION OF TEMPORARY BRACING THAT PROTECTS THE WALL AGAINST OVERSTRESS OR MOVEMENT.

WEEP HOLES: PROVIDE 2" DIAMETER WEEP HOLES AT 6'-0" OC MAXIMUM IN EXTERIOR RETAINING WALLS. PROVIDE FILTER FABRIC OR STAINLESS STEEL WIRE MESH OVER THE WEEP HOLE TO RETAIN THE BACKFILL MATERIAL.

SLAB-ON-GRADE BASE: AGGREGATE BASE (GRANULAR FILL) BELOW CONCRETE SLAB-ON-GRADE SHALL CONSIST OF MATERIAL AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND BASED ON LOCAL AVAILABILITY.

FOOTINGS: FOOTINGS SHALL BEAR ON SOLID UNDISTURBED EARTH (CONTROLLED, COMPACTED STRUCTURAL FILL OR BOTH) AT LEAST FROST DEPTH BELOW LOWEST ADJACENT FINISHED GRADE. FOOTING DEPTHS/ELEVATIONS SHOWN ON PLANS AND DETAILS ARE MINIMUM. ESTABLISH THE ACTUAL BOTTOM-OF-FOOTING ELEVATIONS IN THE FIELD, BASED UPON THE GEOTECHNICAL ENGINEER'S ON-SITE OBSERVATIONS AND ADDITIONAL TESTING, IF REQUIRED, THAT WILL ACHIEVE THE ALLOWABLE DESIGN BEARING PRESSURE. NOTIFY ENGINEER OF ANY NECESSARY DEVIATIONS FROM THE FOOTING ELEVATIONS SHOWN ON THE DRAWINGS PRIOR TO CONSTRUCTING THE FOOTINGS.

CONCRETE PLACEMENT: FOUNDATION CONCRETE SHALL BE PLACED THE SAME DAY THE EXCAVATION IS MADE WHEN FEASIBLE. WHERE FOUNDATION EXCAVATIONS MUST REMAIN OPEN OR EXPOSED, SPECIAL CARE SHOULD BE TAKEN TO PROTECT THE EXPOSED SOILS FROM BEING DISTURBED, SATURATED, OR DRIED OUT PRIOR TO THE PLACEMENT OF SELECT FILL OR CONCRETE WITH A MUD MAT OF LEAN (250 PSI) CONCRETE OR AS APPROVED BY THE GEOTECHNICAL ENGINEER.

FORMS: THE EXTERIOR VERTICAL FACE OF ALL EXPOSED SLAB TURNDOWNS SHALL BE FORMED. THE SIDES OF FOOTINGS MAY BE EARTH FORMED AS LONG AS THE SOIL WILL MAINTAIN A VERTICAL FACE. ALL FOUNDATION STEM WALLS AND RETAINING WALLS SHALL BE FORMED ON BOTH SIDES OF THE WALL.

EXCAVATION: THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION. COMPLY WITH ALL APPLICABLE OSHA REGULATIONS.

COMPACTION: MECHANICALLY COMPACT EXCAVATION BACKFILL IN LAYERS. PROVIDE THE FOLLOWING MINIMUM COMPACTION IN ACCORDANCE WITH THE ASTM D1557 TEST METHOD UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT:

TRENCH AND WALL BACKFILL:	90% MAXIMUM DRY DENSITY
FILL BENEATH SLAB-ON-GRADE:	95% MAXIMUM DRY DENSITY
FILL BENEATH FOOTINGS:	98% MAXIMUM DRY DENSITY

DESIGN AND CONSTRUCTION CRITERIA

GOVERNING BUILDING CODE: ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 INTERNATIONAL RESIDENTIAL CODE (IRC), AS AMENDED BY THE CITY OF MURFREESBORO.

PRIMARY REFERENCE STANDARDS: THE PUBLICATIONS LISTED BELOW ARE THE MATERIAL SPECIFIC GOVERNING CODES AND STANDARDS USED REFERENCED BY THEIR BASIC DESIGNATION. IN THE CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN. ADDITIONAL MATERIAL SPECIFIC DESIGN STANDARDS ARE ALSO LISTED UNDER THE RESPECTIVE MATERIAL SECTION OF THESE GENERAL NOTES. FOR ALL STANDARDS, USE THE VERSION REFERENCED BY THE GOVERNING BUILDING CODE. IF NOT REFERENCED BY GOVERNING BUILDING CODE, USE THE LATEST EDITION.

ACI 318-14	AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
TMS 402/602	THE MASONRY SOCIETY BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES
NDS-2018	AMERICAN FOREST AND PAPER ASSOCIATION, NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
ASCE 7-16	AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM INTERNATIONAL)
ICC	INTERNATIONAL CODE COUNCIL, INTERNATIONAL CODE COUNCIL - EVALUATION SERVICES (ICC-ES)

MATERIAL PROPERTIES: MATERIAL PROPERTIES LISTED IN THE CONSTRUCTION DOCUMENTS ARE BASED UPON MATERIALS CURRENTLY AVAILABLE FOR CONSTRUCTION AND MAY NOT CORRESPOND WITH TABLES PROVIDED IN THE CODES AND SPECIFICATIONS LISTED HEREIN. WHERE POSSIBLE, THESE CODES HAVE BEEN USED IN THEIR ENTIRETY. WHERE THESE CODES REFERENCE OBSOLETE INFORMATION, INFORMATION BASED UPON CURRENT INDUSTRY STANDARDS HAS BEEN SUBSTITUTED AS NECESSARY.

PROJECT STATE: THE PROJECT IS TO BE CONSTRUCTED IN THE STATE OF TENNESSEE.

DESIGN AND CONSTRUCTION CRITERIA CONT.

DESIGN LOADS: BUILDING DESIGN LOADS HAVE BEEN DETERMINED IN ACCORDANCE WITH THE BUILDING CODE AND ASCE 7 AS FOLLOWS:

ROOF DEAD LOADS:

ROOFING	3 PSF
5/8" SHEATHING	2 PSF
WOOD TRUSSES	3.5 PSF
5/8" GYP CEILING	3 PSF
INSULATION ALLOWANCE	3.5 PSF
M,E,& P ALLOWANCE	5 PSF
EQUIPMENT	ACTUAL WEIGHT
TOTAL DESIGN DL=	20 PSF

ELEVATED FLOOR DEAD LOADS:

FLOOR COVERING	4.5 PSF
3/4" SHEATHING	2.5 PSF
WOOD JOISTS	3.5 PSF
PARTITIONS	15 PSF
5/8" GYP CEILING	3 PSF
EQUIPMENT	ACTUAL WEIGHT
INSULATION ALLOWANCE	1.5 PSF
M,E,& P ALLOWANCE	5 PSF
TOTAL DESIGN DL=	35 PSF

LIVE LOADS:

ROOF	20 PSF
RESIDENTIAL	40 PSF
UNINHABITABLE ATTICS W/O STORAGE	10 PSF

SNOW LOAD:
GROUND SNOW LOAD: Pg - 10 PSF
SNOW DRIFT LOADS PER ASCE 7, SECTION 7.7.

RAIN LOAD:
DESIGN RAINFALL INTENSITY *i* - 3.0 IN/H

WIND LOADS:

ANALYSIS PROCEDURE:	BRACED WALL LINES
DESIGN WIND SPEED:	Vult - 105 MPH Vasd - 81 MPH
RISK CATEGORY:	II
EXPOSURE CATEGORY:	B, ALL FACES
DIRECTIONALITY FACTOR, Kd:	0.85
TOPOGRAPHIC FACTOR, Kzt:	1.00
INTERNAL PRESSURE COEFFICIENT:	± 0.18

COMPONENTS & CLADDING WIND PRESSURES, SEE DIAGRAMS

SEISMIC LOAD:

ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE PROCEDURE
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	Ss – 0.247 S1 – 0.124
SITE CLASS:	D
RISK CATEGORY:	II
SEISMIC LOAD RESISTING SYSTEM:	BRACED WALL LINES
SEISMIC IMPORTANCE FACTOR:	Ie = 1.0
DESIGN SPECTRAL RESPONSE ACCELERATIONS:	Sds – 0.264 Sd1 – 0.194
SEISMIC DESIGN CATEGORY:	C

SLAB-ON-GRADE: SLABS-ON-GRADE ARE NOT DESIGNED FOR CONCENTRATED LOADS SUCH AS THOSE FROM FORKLIFTS OR STORAGE RACKS.

HANDRAILS: DESIGN LOADS FOR HANDRAILS SHALL BE AS FOLLOWS:
A. 200 LB CONCENTRATED LOAD APPLIED AT ANY POINT AND IN ANY DIRECTION.
B. 50 PLF APPLIED IN ANY DIRECTION.
THESE LOADS ARE NOT TO BE APPLIED SIMULTANEOUSLY, BUT EACH SHALL BE APPLIED TO PRODUCE MAXIMUM STRESSES IN EACH OF THE RESPECTIVE HANDRAIL COMPONENTS.

GUARDRAILS: DESIGN LOADS FOR GUARDRAILS SHALL BE AS FOLLOWS:
A. 200 LB CONCENTRATED LOAD APPLIED AT ANY POINT AND IN ANY DIRECTION AT THE TOP OF THE GUARDRAIL.
B. 50 PLF APPLIED HORIZONTALLY AND A SIMULTANEOUS LOAD OF 100 PLF APPLIED VERTICALLY DOWNWARD AT THE TOP OF THE GUARDRAIL.
C. 200 LB CONCENTRATED HORIZONTAL LOAD APPLIED ON A 1 FT SQUARE AREA AT ANY POINT IN THE SYSTEM.
THESE LOADS ARE NOT TO BE APPLIED SIMULTANEOUSLY, BUT EACH SHALL BE APPLIED TO PRODUCE MAXIMUM STRESSES IN EACH OF THE RESPECTIVE HANDRAIL COMPONENTS.

MECHANICAL: COORDINATE THE LOCATIONS OF ROOF, FLOOR AND WALL OPENINGS WITH THE TRADES REQUIRING THEM. OPENINGS LARGER THAN 24" X 24" SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER TO DETERMINE POTENTIAL IMPACTS ON THE FRAMING. ANY EQUIPMENT WEIGHING MORE THAN 200 LBS SHALL BE COORDINATED WITH THE STRUCTURAL ENGINEER TO DETERMINE POTENTIAL IMPACTS ON THE FRAMING.

STRUCTURAL GENERAL NOTES

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
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TELEPHONE: (865) 544-2000
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PROJECT INFORMATION
CONTRACT:

OAKLAND COURT DEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:
GEOFFREY GOODMILLER
REGISTERED ENGINEER
AGRICULTURE COMMERCE
No. 119715
STATE OF TENNESSEE
6/4/2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

HAINES
STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-115

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
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SUBMITTALS

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE OWNER'S REPRESENTATIVE AND ENGINEER-OF-RECORD PRIOR TO ANY FABRICATION OR CONSTRUCTION. DIMENSION AND QUANTITY VERIFICATION ARE THE CONTRACTOR'S RESPONSIBILITIES AND ARE NOT REVIEWED BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWING SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED, EITHER PRIOR TO OR AFTER THE ENGINEER PROCESSES THE SHOP DRAWING SUBMITTALS, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

DEVIATION FROM CONTRACT DOCUMENTS: CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CLOUDED ON SHOP DRAWINGS OR REQUESTED IN WRITING. THE CONTRACTOR IS LIABLE FOR ANY DEVIATIONS UNLESS REVIEWED AND ACKNOWLEDGED BY THE ENGINEER OF RECORD IN WRITING.

DRAWING PREPARATION: COPIES OF STRUCTURAL DRAWINGS (PLANS AND/OR DETAILS) WILL NOT BE ACCEPTED BY CSA AS SHOP DRAWINGS. ALL SHOP DRAWINGS MUST BE REPRODUCED BY THE RESPECTIVE SUPPLIERS AND DETAILED AS NECESSARY.

SUBMITTAL REVIEW TIME: THE CONTRACTOR SHALL PROVIDE 10 WORKING DAYS IN HIS SCHEDULE FOR THE ENGINEER'S REVIEW OF EACH SUBMITTAL. THE 10 WORKING DAYS COMMENCE UPON THE ENGINEER'S RECEIPT OF A PROPERLY COMPLETED SUBMITTAL IN HIS OFFICE.

REQUIRED SUBMITTALS:
REQUIRED SUBMITTALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

BIDDER-DESIGNED SUBMITTALS
CONCRETE MIX DESIGNS
CONCRETE REINFORCEMENT
MASONRY GROUT, BLOCK AND REINFORCEMENT
PRE-MANUFACTURED WOOD JOISTS AND BEAMS

BIDDER-DESIGNED SUBMITTALS: CALCULATIONS AND SHOP DRAWINGS FOR ELEMENTS DESIGNED BY THE CONTRACTOR OR VENDORS SHALL BEAR THE SEAL AND SIGNATURE OF A PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR AND REGISTERED IN THE PROJECT STATE. SUBMIT THESE DOCUMENTS FOR REVIEW AND ACCEPTANCE BY THE ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO FABRICATION. INCLUDE ALL DESIGN LOAD AND REACTIONS ON OTHER STRUCTURES ON THE DRAWINGS. CALCULATIONS SHALL BE SUBMITTED FOR INFORMATION ONLY AND WILL NOT BE REVIEWED OR RETURNED. REVIEW BY THE STRUCTURAL ENGINEER OF RECORD SHALL NOT IMPLY ANY RESPONSIBILITY FOR THE ACTUAL DESIGN OF BIDDER-DESIGNED SYSTEMS OR COMPONENTS. BIDDER-DESIGNED SUBMITTALS INCLUDE THE FOLLOWING CONTRACTOR/VENDOR DESIGNED ELEMENTS. DEFERRED SUBMITTALS ARE INDICATED WITH AN ASTERISK:

* **PRE-MANUFACTURED METAL-PLATED WOOD TRUSSES**

SUBMITTAL ACCEPTANCE: FOLLOWING ACCEPTANCE BY THE ARCHITECT AND ENGINEER AND PRIOR TO FABRICATION, ADDITIONAL TIME FOR REVIEW AND ACCEPTANCE OF SUBMITTAL BY THE BUILDING OFFICIAL IS REQUIRED AND SHALL BE IDENTIFIED AND ALLOWED FOR IN THE CONTRACTOR'S SCHEDULE.

SUBSTITUTIONS: SUBMIT SUBSTITUTION REQUESTS PER THE PROCEDURES IN THE SPECIFICATIONS WITH APPLICABLE ICC REPORTS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DETAILING, FABRICATION AND ERECTION. ADDITIONAL ENGINEERING CALCULATIONS AND DETAILS, PROVIDED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT STATE, MAY BE REQUIRED OF THE CONTRACTOR FOR SUBSTITUTIONS THAT ARE NOT SIMILAR TO THE SPECIFIED PRODUCTS AND CONFIGURATION.

CONCRETE

REFERENCE STANDARDS:
ACI AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318

AWS AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE – REINFORCING STEEL, AWS D1.4

GENERAL: CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED, AND PLACED IN ACCORDANCE WITH IBC SECTION 1905 AND ACI 301.

SLAB-ON-GRADE: SEE TYPICAL SLAB ON GRADE DETAILS FOR ALL REQUIREMENTS FOR SLABS-ON-GRADE.

MIX DESIGNS: THE CONCRETE MIX TABLE SHOWN BELOW SHALL APPLY TO ALL CONCRETE MIX DESIGNS USED ON THIS PROJECT. MIX DESIGN SUBMITTALS SHALL BE IDENTIFIED FOR INTENDED STRUCTURAL USE AND SUBMITTED TO THE OWNER'S REPRESENTATIVE AND STRUCTURAL ENGINEER FOR REVIEW TWO WEEKS PRIOR TO PLACING ANY CONCRETE.

MIX PROPORTIONING: ALL CONCRETE MIX DESIGNS SHALL BE PROPORTIONED IN ACCORDANCE WITH SECTION 4.2.3 OF ACI 301. SUBMIT MIX DESIGN FOR EACH CLASS OF CONCRETE. IF A STANDARD DEVIATION ANALYSIS IS USED, THE CONCRETE SHALL ACHIEVE AN AVERAGE STRENGTH IN ACCORDANCE WITH TABLE 4.2.3.3.(a) OF ACI 301. SUBMITTALS MADE WHICH DO NOT CONFORM TO ACI 301 SECTION 4.2.3 SHALL BE REJECTED.

CONCRETE MIX DESIGNS

CONCRETE USAGE	f'c (PSI) 28 DAY, MIN	SLUMP	ENTRAINED AIR (MAX)	W/C RATIO (MAX)	MAXIMUM AGGREGATE SIZE	FLY ASH CONTENT	EXPOSURE CLASS
FOOTINGS	3,000	6"	5% (+/- 1.5%)	0.50	1"	15-25%	F1
INTERIOR SLAB ON GRADE	4,000	4"	NONE	0.50	1"	15-20%	F0
EXTERIOR SLAB ON GRADE	4,000	4"	5% (+/- 1.5%)	0.50	1"	15-20%	F2

CEMENT CONTENT: SCHEDULE CEMENT CONTENT IS THE MINIMUM TOTAL CEMENTITIOUS MATERIALS CONTENT INCLUDING PORTLAND CEMENT AND FLY ASH.

FLY ASH: FLY ASH SHALL CONFORM TO ASTM C618, TYPE F. PERCENTAGE SCHEDULED IS BY WEIGHT OF TOTAL CEMENTITIOUS MATERIAL INCLUDING ASTM C150, C595, C845, AND C1157 CEMENT. DO NOT USE FLY ASH IF CONTENT WITHIN THE PERCENTAGES SHOWN CANNOT BE ACHIEVED.

ADMIXTURES: WATER-REDUCING ADMIXTURES CONFORMING TO ASTM C494 MAY BE INCORPORATED IN THE CONCRETE MIX DESIGNS AND BE USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. CALCIUM CHLORIDE OR OTHER WATER-SOLUBLE CHLORIDE ADMIXTURES SHALL NOT BE USED.

AIR CONTENT: AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260 SHALL BE USED IN ALL CONCRETE MIXES FOR WORK THAT IS EXPOSED TO WEATHER. WHERE ENTRAINED AIR IS NOT SCHEDULED, DO NOT ALLOW THE AIR CONTENT OF SLABS TO EXCEED 3% NATURALLY. THE AMOUNT OF ENTRAINED AIR SHALL BE MEASURED IN THE FIELD AT THE DISCHARGE END OF THE PLACING HOSE.

SLUMP: SCHEDULED SLUMP IS THE MAXIMUM ALLOWED AND SHALL BE ACHIEVED PRIOR TO ADDING ANY WATER REDUCING ADMIXTURES OR PLASTICIZERS.

LABORATORY TESTING: LABORATORY TESTING WILL BE REQUIRED IN ACCORDANCE WITH ASTM C31. PERFORM COMPRESSION TEST PER ASTM C39; AIR CONTENT TEST PER ASTM C138 (GRAVIMETRIC METHOD), ASTM C173 (VOLUMETRIC METHOD), OR ASTM C231 (PRESSURE METHOD); SLUMP TEST PER ASTM C143.

LABORATORY SHALL TEST THE NUMBER OF CYLINDERS SPECIFIED BELOW FOR EACH 100 CUBIC YARDS OR FRACTION THEREOF:
2 AT 7 DAYS FOR INFORMATION
2 AT 28 DAYS FOR ACCEPTANCE

SLEEVES: SLEEVES FOR PIPING OR DUCTS, EXCEPT AS DETAILED ON THE STRUCTURAL DRAWINGS, SHALL NOT BE PLACED IN ADJACENT TO A COLUMN (WITHIN A DISTANCE EQUAL TO THE SLAB THICKNESS) UNLESS APPROVED BY THE ENGINEER. ALL PIPE PENETRATIONS THROUGH SLABS SHALL BE SLEEVED IN CONFORMANCE WITH ACI 318, SECTIONS 20.7 & 26.8.

NON-STRUCTURAL EMBEDS: REFER TO DRAWINGS OF OTHER DISCIPLINES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON STRUCTURAL DRAWINGS.

REINFORCING STEEL MATERIALS:

DEFORMED BARS	ASTM A615, GRADE 60
SMOOTH WELDED WIRE FABRIC (WWF)	ASTM A185 (Fy = 65,000 PSI)

REINFORCING STEEL DETAILING: REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315 – DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.

REINFORCING STEEL PLACEMENT: ALL REINFORCEMENT SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING CONCRETE PLACEMENT. REINFORCING PLACEMENT SHALL BE APPROVED BY THE ARCHITECT OR THEIR AUTHORIZED REPRESENTATIVE BEFORE CONCRETE IS PLACED.

REBAR SPLICES: LAP REINFORCING BARS AS NOTED ON THE DRAWINGS. WHERE SPLICE LENGTH IS NOT SHOWN, USE TYPE 'Ls' SPLICE PER DEVELOPMENT AND SPLICE LENGTH SCHEDULE. MECHANICAL OR WELDED BUTT SPLICES SHALL BE SUBJECT TO STRUCTURAL ENGINEER'S APPROVAL. MECHANICAL SPLICES, WHERE ALLOWED ON THE PLANS, SHALL DEVELOP 125% OF THE SPECIFIED YIELD STRENGTH OF THE SPLICED BARS IN BOTH TENSION AND COMPRESSION. LAP SPLICES OF BOTTOM BARS SHALL OCCUR AT A SUPPORT. LAP SPLICES OF TOP STEEL SHALL OCCUR AT MID SPAN.

FIELD BENDING: NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY DETAILED AS SUCH OR APPROVED BY THE STRUCTURAL ENGINEER.

WELDING: REINFORCING BARS SHALL NOT BE WELDED OR TACK WELDED TO OTHER BARS OR TO PLATES, ANGLES, ETC. UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. WELDING SHALL CONFORM TO THE REQUIREMENTS OF AWS DI.4. WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS QUALIFIED FOR WELDS USING APPROVED ELECTRODES.

CONCRETE PROTECTION: CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

CAST AGAINST AND PERMANENTLY
EXPOSED TO EARTH...............................3"

EXPOSED TO EARTH OR WEATHER
#5 OR SMALLER.................................1 1/2"

NOT EXPOSED TO EARTH OR WEATHER OR IN CONTACT WITH GROUND
SLABS, WALLS, JOISTS
#11 OR SMALLER.........................3/4"

CHAMFER: PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALLS, ETC UNLESS NOTED OTHERWISE.

CONCRETE ABUTTING MASONRY: PROVIDE CONCRETE COLUMNS AND WALLS WITH DOVETAIL ANCHORS AND ANCHOR SLOTS WHERE MASONRY WALLS ABUT CONCRETE SURFACE.

MISC CONCRETE PADS: COORDINATE CONCRETE EQUIPMENT PAD AND HOUSE KEEPING PAD LOCATIONS AND DIMENSIONS WITH ARCH, MECHANICAL, ELECTRICAL, PLUMBING, AND OWNER REQUIREMENTS.

CONCRETE PLACEMENT: ALL CONCRETE SHALL BE VIBRATED.

MASONRY

REFERENCE STANDARDS:
ACI AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES, TMS 402

ACI AMERICAN CONCRETE INSTITUTE, SPECIFICATION FOR MASONRY STRUCTURES, TMS 602

TYPICAL UNITS: CONCRETE MASONRY UNITS SHALL BE ASTM C90, GRADE N, TYPE I, MOISTURE CONTROLLED UNITS. ASSEMBLIES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF f'm = 1,500 PSI AT 28 DAYS. CONCRETE MASONRY WALLS SHALL BE REINFORCED PER THE CONSTRUCTION DOCUMENTS. WHERE DETAILS ARE NOT PROVIDED, REINFORCE ACCORDING TO THESE NOTES. STRUCTURAL DESIGN IS IN ACCORDANCE WITH IBC SECTION 2107 "ALLOWABLE STRESS DESIGN". CONCRETE MASONRY UNITS SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH ASTM C140. ALL LOAD-BEARING BLOCK MASONRY SHALL HAVE A MINIMUM NET AREA UNIT STRENGTH OF 1900 PSI AT 28 DAYS.

FACE/HOLLOW UNITS: BRICK MASONRY UNITS SHALL COMPLY WITH ASTM C216 FOR FACING BRICK OR ASTM C652 FOR HOLLOW BRICK. SEE THE CONSTRUCTION DOCUMENTS FOR TYPES USED ON THE PROJECT. ASSEMBLIES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF f'm = 2,000 PSI. BRICK UNITS SHALL CONFORM TO THE DIMENSIONS SHOWN ON THE PLANS. BRICK MASONRY WALLS SHALL BE REINFORCED PER THE CONSTRUCTION DOCUMENTS. WHERE DETAILS ARE NOT PROVIDED, REINFORCE ACCORDING TO THESE NOTES. STRUCTURAL DESIGN IS IN ACCORDANCE WITH IBC SECTION 2107 "ALLOWABLE STRESS DESIGN".

MORTAR: MORTAR FOR CONCRETE MASONRY UNITS SHALL BE TYPE M WHERE MASONRY IS IN CONTACT WITH EARTH OR TYPE S OTHERWISE. MORTAR FOR BRICK MASONRY SHALL BE TYPE N. ALL MORTARS SHALL CONFORM TO IBC SECTION 2103.2 AND SHALL BE MORTAR SHALL BE PROPORTIONED TO MEET THE REQUIREMENTS OF ASTM C270 TABLE 1 – PROPORTION SPECIFICATIONS OR TABLE 2 – PROPERTY SPECIFICATIONS. MORTAR SHALL BE TESTED IN THE FIELD IN ACCORDANCE WITH ASTM C780, APPENDIX A-4 MORTAR AGGREGATE RATIO TEST.

BED JOINT: BED JOINT THICKNESS SHALL NOT EXCEED 5/8".

GROUT: MASONRY GROUT SHALL CONFORM TO ARTICLE 2.2 OF TMS 602. GROUT MINIMUM COMPRESSIVE STRENGTH SHALL BE 2000 PSI AT 28 DAYS DETERMINED IN ACCORDANCE WITH ASTM C140. GROUT SLUMP SHALL BE BETWEEN 8 INCHES AND 11 INCHES. TEST GROUT STRENGTH IN ACCORDANCE WITH ASTM C1019. ALL CORES CONTAINING VERTICAL BARS, ALL BOND BEAMS, AND ALL LINTELS SHALL BE FILLED WITH GROUT. ALL MASONRY BELOW GRADE SHALL BE GROUTED SOLID. WHERE THE MINIMUM DIMENSION OF ANY CONTINUOUS VERTICAL CELL IS 3 INCHES OR LESS, USE FINE GROUT, OTHERWISE USE COARSE (PEA GRAVEL) GROUT. ALL GROUT SHALL BE CONSOLIDATED AT TIME OF POURING BY VIBRATING AND THEN RECONSOLIDATED AGAIN BY MECHANICAL VIBRATION AFTER SETTLEMENT HAS OCCURRED, BUT BEFORE PLASTICITY IS LOST.

REINFORCEMENT: DEFORMED REINFORCING BARS SHALL BE ASTM A615 GRADE 60. CENTER VERTICAL REINFORCEMENT IN WALLS UNLESS OTHERWISE NOTED. LOCATE BARS SPECIFIED TO BE PLACED EACH FACE 2 3/8" FROM EACH WALL FACE TO THE CENTER OF EACH BAR. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION USING POSITIONERS AT TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 192 BAR DIAMETERS OR 10 FEET, WHICHEVER IS LESS. SEE TYPICAL DETAIL FOR FURTHER REQUIREMENTS.

CELL ALIGNMENT: ALL REINFORCED HOLLOW UNIT MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL CONTINUITY OF THE CELLS TO BE FILLED. VERTICAL CELLS TO BE REINFORCED SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CLEAR, UNOBSTRUCTED, CONTINUOUS VERTICAL CELL MEASURING NOT LESS THAN 3 INCHES AND HAVING A CLEAR AREA OF 10 SQUARE INCHES. FACE SHELLS AND CROSS WEBS FORMING SUCH CELLS TO BE FILLED SHALL BE FULL-BEDDED IN MORTAR TO PREVENT LEAKAGE OF THE GROUT. ALL HEAD (OR END) JOINTS SHALL BE SOLIDLY FILLED WITH MORTAR FOR A DISTANCE IN FROM THE FACE OF THE WALL OR UNIT NOT LESS THAN THE THICKNESS OF THE LONGITUDINAL FACE SHELLS.

BOND PATTERN: ALL MASONRY SHALL BE LAID IN RUNNING BOND, UNO.

JOINT REINFORCEMENT: HORIZONTAL JOINT REINFORCEMENT SHALL BE LADDER STYLE UNLESS OTHERWISE NOTED. JOINT REINFORCEMENT SHALL CONFORM TO ASTM A951 AND SHALL BE HOT-DIPPED GALVANIZED PER ASTM A153, CLASS B2 UNLESS OTHERWISE NOTED. VERTICAL SPACING OF HORIZONTAL REINFORCEMENT SHALL NOT EXCEED 16 INCHES. PROVIDE PREFORMED CORNER AND TEE SEGMENTS AT INTERSECTING WALLS. LAP HORIZONTAL JOINT REINFORCEMENT AS NOTED ON THE DRAWINGS. WHERE LAP LENGTH IS NOT SHOWN, LAP JOINT REINFORCEMENT 6". HORIZONTAL JOINT REINFORCEMENT SHALL BE DISCONTINUED AT CONTROL JOINTS. PROVIDE JOINT REINFORCEMENT 8 INCHES ABOVE AND BELOW ALL OPENINGS GREATER THAN 16 INCHES WIDE AND EXTEND 24 INCHES MINIMUM BEYOND EDGE OF OPENING IN EACH DIRECTION.

SPLICE LENGTH: LAP REINFORCING BARS AS NOTED ON THE DRAWINGS. WHERE SPLICE LENGTH IS NOT SHOWN, USE TYPE 'Lb' SPLICE PER DEVELOPMENT AND SPLICE LENGTH SCHEDULE. WHERE SPLICE LENGTH IS NOT SHOWN, LAP 48 BAR DIAMETERS. WHERE MULTIPLE BARS ARE INSTALLED IN A SINGLE CELL OR COURSE, STAGGER BAR LAPS A MINIMUM OF 2'-0".

BOND BEAMS: BOND BEAMS WITH HORIZONTAL REINFORCING SHALL BE PROVIDED AT ALL FLOOR AND ROOF LINES AND AT THE TOP OF ALL WALLS. PROVIDE A BOND BEAM WITH TWO HORIZONTAL BARS OF SAME SIZE AS TYPICAL HORIZONTAL BARS AT THE TOP AND BOTTOM OF ALL OPENINGS, AND EXTEND THESE BARS 48 BAR DIAMETERS (2'-0" MINIMUM) PAST THE OPENING AT EACH SIDE, OR AS FAR AS POSSIBLE AND HOOK INTO A VERTICALLY REINFORCED CELL. PROVIDE CORNER BARS TO MATCH THE HORIZONTAL WALL REINFORCING AT CORNERS AND WALL INTERSECTIONS. LAP BARS 48 DIAMETERS (2'-0" MINIMUM). HORIZONTAL BOND BEAM REINFORCEMENT AT FLOOR LEVELS, ROOF LEVELS, AND TOPS OF WALLS SHALL BE CONTINUOUS THROUGH CONTROL JOINTS.

VERTICAL REINFORCING: PROVIDE TWO VERTICAL BARS OF SAME SIZE AS TYPICAL VERTICAL BARS (#5, MIN) FOR THE FULL HEIGHT OF THE WALL AT WALL ENDS AND WALL INTERSECTIONS. ALL VERTICAL REINFORCING SHALL EXTEND FROM THE FOUNDATION TO THE TOP OF WALL. PROVIDE DOWELS FROM FOUNDATION OR SUPPORTING STRUCTURE TO MATCH VERTICAL BAR SIZE AND SPACING.

CONTROL JOINTS: PROVIDE VERTICAL CONTROL JOINTS IN THE WALLS AT LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS. WHERE NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, PROVIDE VERTICAL CONTROL JOINTS AT A MAXIMUM SPACING OF 25 FEET OR 1.5 TIMES THE WALL HEIGHT, WHICH EVER IS LESS, WITHIN 4 FEET OF BUILDING CORNERS, AT CHANGES IN WALL HEIGHT AND AT CHANGES IN FOUNDATION CONDITIONS. DO NOT LOCATE CONTROL JOINTS WITHIN 16" OF BEAM BEARING PLATES, JOIST BEARING PLATES, OR WALL OPENINGS. SUBMIT JOINT LOCATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL.

LOW-LIFT GROUTING: LAY UNITS A MAXIMUM OF 4 FEET HIGH BEFORE GROUTING. PLACE GROUT IN A CONTINUOUS PLACEMENT IN GROUT LIFTS NOT EXCEEDING 4 FEET. COMPLETELY GROUT THE FULL HEIGHT OF THE WALL SECTION IN ONE DAY WITH NO INTERRUPTIONS GREATER THAN ONE HOUR.

HIGH-LIFT GROUTING: LAY UNITS A MAXIMUM OF 12 FEET HIGH BEFORE GROUTING. PLACE GROUT IN A CONTINUOUS PLACEMENT IN GROUT LIFTS NOT EXCEEDING 6 FEET. COMPLETELY GROUT THE FULL HEIGHT OF THE WALL SECTION IN ONE DAY WITH NO INTERRUPTIONS GREATER THAN ONE HOUR. PROVIDE CLEANOUTS AT EVERY CELL ALONG THE BOTTOM COURSE OF EACH GROUT LIFT.

WHEN TOTAL GROUT POUR EXCEEDS 5 FEET IN HEIGHT, THE GROUT SHALL BE PLACED IN 5 FOOT LIFTS. OVERALL POUR HEIGHTS SHALL MEET THE REQUIREMENTS OF TMS 602 TABLE 6.

CLEANOUTS: CLEANOUT OPENINGS SHALL BE PROVIDED AT THE BOTTOM OF ALL CELLS TO BE FILLED WITH GROUT WHEN THE POUR HEIGHT IS IN EXCESS OF 5 FEET. ANY OVERHANGING MORTAR, OTHER OBSTRUCTION OR DEBRIS SHALL BE REMOVED FROM THE INSIDE OF ALL CELLS TO BE GROUTED. ALL CLEANOUTS SHALL BE SEALED AFTER INSPECTION AND BEFORE GROUTING.

WEATHER: CONFORM TO TMS 602 REQUIREMENTS FOR HOT WEATHER AND COLD WEATHER CONSTRUCTION AND PROTECTION OF NEWLY CONSTRUCTED MASONRY.

INSPECTION: MASONRY FOR THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REFERENCED CODE AS INSPECTED MASONRY WITH A LEVEL B QUALITY ASSURANCE PROGRAM. THE (CONTRACTOR, OWNER) SHALL EMPLOY AN AGENT IN COMPLIANCE WITH CODE CRITERIA TO INSURE THAT THE CODE REQUIREMENTS ARE CARRIED OUT. INSPECTION AND TESTING SHALL CONFORM TO TMS 602 SPECIFICATION FOR MASONRY STRUCTURES SECTION 1.6.

GROUT SHEAR KEY: WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, A HORIZONTAL CONSTRUCTION JOINT SHALL BE FORMED BY STOPPING THE GROUT POUR IN ALL WYTHES AT THE SAME ELEVATION AND WITH THE GROUT STOPPING A MINIMUM OF 1 INCH BUT NOT MORE THAN 2 INCHES BELOW THE TOP OF THE UPPER MOST UNIT GROUTED. AT THE TOP OF MASONRY WALLS, POUR GROUT FLUSH WITH THE TOP OF THE WALL.

MASONRY VENEER

WEIGHT: THE WEIGHT OF EXTERIOR MASONRY VENEER SHALL NOT EXCEED 40 PSF

ADJUSTABLE TWO-PIECE ANCHORS: FOR ADJUSTABLE TWO-PIECE ANCHORS, ANCHORS OF WIRE SIZE W1.7 AND 22 GAGE CORRUGATED SHEET-METAL ANCHORS, PROVIDE AT LEAST ONE ANCHOR FOR EACH 2.67 SQUARE FEET OF VENEER AREA.

OTHER ANCHOR TYPES: FOR ANCHORS OTHER THAN ADJUSTABLE TWO-PIECE ANCHORS, PROVIDE AT LEAST ONE ANCHOR FOR EACH 3.50 SQUARE FEET OF VENEER AREA

TYPICAL ANCHOR SPACING: ANCHORS SHALL BE SPACED AT A MAXIMUM OF 32" HORIZONTALLY AND 18" VERTICALLY.

OPENINGS: PROVIDE ADDITIONAL ANCHORS AROUND OPENINGS LARGER THAN 16" IN EITHER DIMENSION. SPACE ANCHORS AROUND PERIMETER OF OPENING AT A MAXIMUM OF 3 FT. ON CENTER. PLACE ANCHORS WITHIN 12" OF OPENINGS.

WOOD BACKING: ATTACH EACH ANCHOR TO BACKING WITH A CORROSION-RESISTANT 8d COMMON NAIL, OR A FASTENER OF EQUIVALENT OR GREATER PULLOUT STRENGTH.

COLD-FORMED STEEL BACKING: ATTACHED EACH ANCHOR TO BACKING WITH CORROSION-RESISTANT SCREWS HAVING A MINIMUM NOMINAL SHANK DIAMETER OF 0.190 IN.

MECHANICAL AND CHEMICAL ANCHORS

ANCHOR CAPACITY: ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY MANUFACTURER OR SUCH OTHER METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

INSTALLATION: INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS AND IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

POST-INSTALLED DRILLING: HOLES FOR INSTALLING REINFORCING BARS, BOLTS, THREADED RODS AND INSERTS SHALL BE DRILLED USING THE ICC APPROVED DRILLING METHOD FOR THE ANCHOR TO BE INSTALLED. NON-DESTRUCTIVELY LOCATE EXISTING REINFORCING PRIOR TO DRILLING. DO NOT CUT EXISTING REINFORCING.

THREADED RODS: ADHESIVE ANCHORS SHALL USE ASTM A36 THREAD RODS, UNO

INSTALLATION TRAINING: PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL ARRANGE FOR A MANUFACTURER'S FIELD REPRESENTATIVE TO PROVIDE INSTALLATION TRAINING FOR ALL PRODUCTS TO BE USED. ONLY TRAINED INSTALLERS SHALL PERFORM POST INSTALLED ANCHOR INSTALLATION. A RECORD OF TRAINING SHALL BE KEPT ON SITE AND BE MADE AVAILABLE TO THE EOR AS REQUESTED.

MINIMUM CONCRETE AGE: ADHESIVE ANCHORS MUST BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS (ACI 318-14 17.1.2).

SPECIAL INSPECTION: PROVIDE SPECIAL INSPECTION FOR ALL MECHANICAL AND ADHESIVE ANCHORS PER THE APPLICABLE BUILDING CODE AND PER THE CURRENT ICC-ES REPORT (IBC 2018 TABLE 1705.3 NOTE B).

ALLOWABLE ANCHORS: THE FOLLOWING TABLE OF ANCHORS REPRESENT THE DEFAULT PRODUCTS USED IN DESIGN. WHERE SPECIFIC PRODUCTS ARE NOT OTHERWISE CALLED OUT IN THE STRUCTURAL DRAWINGS, THIS TABLE SHALL CONTROL.

BASE MATERIAL	ADHESIVE	EXPANSION ANCHOR	SCREW ANCHOR	PAF
HILTI				
CONCRETE	HY 200	KWIK BOLT TZ	KWIK HUS-EZ	X-C*
CMU (GROUTED)	HY 270	KWIK BOLT TZ	KWIK HUS-EZ	X-C
CMU (HOLLOW)	HY 270	HLC SLEEVE	KWIK CON II+	X-C
* USE X-CP FOR WOOD SILL PLATE TO CONCRETE				
DEWALT/POWERS FASTENERS				
CONCRETE	PURE 110+ AC100+GOLD	STUD+ SD-1	WEDGE BOLT+	0.300" DIA HEAD DRIVE PIN***
CMU (GROUTED)	AC100+GOLD	STUD+ SD-1	WEDGE BOLT+	0.300" DIA HEAD DRIVE PIN***
CMU (HOLLOW)	AC100+GOLD	---	---	0.300" DIA HEAD DRIVE PIN***
*** 0.145" DIA SHANK				

WOOD

REFERENCE STANDARDS:
AF&PA AMERICAN FOREST AND PAPER ASSOCIATION, NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH 2012 SUPPLEMENT, NDS

AF&PA AMERICAN FOREST AND PAPER ASSOCIATION, SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC, SDPWS

MATERIAL PROPERTIES: SAWN LUMBER SHALL BE KILN-DRIED OR MC-19 AND GRADED AND MARKED IN CONFORMANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU - STANDARD GRADING RULES FOR WEST COAST LUMBER NO 17, SOUTHERN PINE INSPECTION BUREAU - STANDARD GRADING RULES FOR SOUTHERN PINE LUMBER, OR SIMILAR APPROVED GRADING AGENCY'S LATEST EDITION STANDARD. ALL DIMENSIONAL WOOD FRAMING USED AS STRUCTURAL ELEMENTS SHALL CONFORM TO DOC PS20-10. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

WALL STUDS	SPF NO 1/NO 2
WALL PLATES	SYP NO 1/NO2
JOISTS (2x MEMBERS)	SYP NO 2
BEAMS AND STRINGERS	SYP NO 1
POSTS AND TIMBERS	DF-LARCH NO 1
POSTS AND TIMBERS	SYP NO 1

STRUCTURAL COMPOSITE LUMBER: STRUCTURAL COMPOSITE LUMBER (PSL, LVL, AND LSL) SHALL BE MANUFACTURED IN A PLANT UNDER A PROCESS APPROVED BY THE NATIONAL RESEARCH BOARD. EACH PIECE SHALL BEAR A STAMP OR STAMPS NOTING THE NAME AND PLANT NUMBER OF THE MANUFACTURER, THE GRADE, THE NATIONAL RESEARCH BOARD NUMBER, AND THE QUALITY CONTROL AGENCY. PARALLEL STRAND LUMBER SHALL BE MANUFACTURED IN ACCORDANCE WITH NER-481 GLUED WITH A WATERPROOF ADHESIVE MEETING THE REQUIREMENTS OF ASTM D2559 WITH ALL GRAIN PARALLEL WITH THE LENGTH OF THE MEMBER.

SCL TYPE	Fb (psi)	Fv (psi)	E (ksi)
PSL	2900	290	2000
LVL	2600	285	2000
LSL	2250	400	1500

LIGHT GAGE CONNECTORS: LIGHT GAUGE STEEL CONNECTOR CALLOUTS REFER TO PRODUCTS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. INSTALL CONNECTORS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND THE DRAWINGS. CONNECTORS SHALL BE INSTALLED TO OBTAIN THE MAXIMUM LOAD VALUE LISTED IN THE MANUFACTURER'S CATALOG UNO. LIGHT GAUGE STEEL CONNECTORS SHALL HAVE A G90 GALVANIZED FINISH. LIGHT GAUGE STEEL CONNECTORS AND THEIR NAILS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL HAVE A G185 GALVANIZED FINISH OR SHALL BE STAINLESS STEEL. FASTENERS LESS THAN ONE HALF INCH DIAMETER FOR THESE CONNECTORS SHALL BE HOT-DIP OR MECHANICALLY GALVANIZED. CONNECTORS SHALL HAVE FASTENERS OF THE SAME MATERIAL TYPE AND FINISH.

NAILING: NAILING SHALL CONFORM TO THESE DRAWINGS AND THE MINIMUM NAILING REQUIREMENTS AS SET FORTH IN THE BUILDING CODE. IN THE EVENT OF A DISCREPANCY BETWEEN THESE DRAWINGS AND THE BUILDING CODE, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.

FASTENERS IN CONTACT WITH PRESSURE TREATMENT: NAILS, SCREWS, ANCHOR BOLTS, WASHERS, THRU BOLTS, EXPANSION ANCHORS, EPOXY ANCHOR RODS, AND CONCRETE OR MASONRY HEAVY DUTY SCREW ANCHORS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT-DIP (ASTM A153 CLASS C) OR MECHANICALLY GALVANIZED (ASTM B695 CLASS 55).

SHEATHING: WOOD STRUCTURAL PANELS SHALL BE APA RATED AND SHALL CONFORM TO PS 1/PS 2 PRODUCT STANDARD DOCUMENTS. PANELS PERMANENTLY EXPOSED TO WEATHER SHALL BE EXTERIOR GRADE. PANELS APPLIED TO WALLS, FLOORS, AND ROOFS SHALL BE EXPOSURE 1 GRADE. PROTECT SHEATHING FROM WATER DAMAGE WHILE STORED AT JOB SITE. SHEATHING SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:

ROOF SHEATHING SHALL BE 19/32" WITH PANEL SPAN RATING 40/20.

FLOOR SHEATHING SHALL BE 23/32" TONGUE AND GROOVE STURDI-FLOOR SHEATHING WITH A FLOOR SPAN RATING OF 24" o.c.

WALL SHEATHING SHALL BE 7/16" WITH PANEL SPAN RATING 24/16.

TYPICAL FRAMING DETAILS: WOOD FRAMING DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM STANDARDS OF THE IBC. MINIMUM NAILING SHALL CONFORM TO FASTENING SCHEDULE, IBC TABLE 2304.9.1. ALL NAILS SHALL BE COMMON UNLESS NOTED OTHERWISE. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. NAILS USED ON THE EXTERIOR OR SUBJECT TO MOISTURE SHALL BE GALVANIZED OR STAINLESS STEEL.

TABLE I
COMMON NAIL SIZE TABLE

SIZE	DIAMETER	LENGTH
6d	0.113	2"
8d	0.131	2-1/2"
10d	0.148	3"
12d	0.148	3-1/4"
16d	0.162	3-1/2"
20d	0.192	4"

THE TABLE LISTS THE NAILS USED TO ENGINEER THE WOOD FRAMING FOR THE PROJECT. ALL NAILS USED SHALL COMPLY WITH THE DIAMETERS AND LENGTHS NOTED. SPECIAL NAILS WILL BE NOTED IN THE CONSTRUCTION DOCUMENTS.

BOLTS: WOOD CONNECTION BOLTS SHALL CONFORM TO ASTM A307. BOLTS SHALL BE PROVIDED WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS. BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

MOISTURE CONTENT: PROTECT WOOD FROM WEATHER SUCH THAT MOISTURE CONTENT AT THE TIME GYPSUM WALLBOARD IS APPLIED DOES NOT EXCEED 19%.

PRESSURE TREATMENT: WOOD MEMBERS DIRECTLY EXPOSED TO MOISTURE OR THAT ARE IN CONTACT WITH CONCRETE OR OTHER CEMENTITIOUS MATERIALS SHALL BE PRESSURE TREATED. PRESSURE TREAT LUMBER IN ACCORDANCE WITH THE MANUAL OF RECOMMENDED PRACTICE OF THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA). CONTRACTOR'S ALTERNATE WHERE WOOD IS IN CONTACT WITH CONCRETE: PROVIDE TWO LAYERS OF 40# ASPHALT IMPREGNATED BUILDING PAPER BETWEEN UNTREATED LEDGERS, BLOCKING, ETC. AND CONCRETE OR MASONRY SURFAC

OPENINGS: DETERMINE THE SIZE AND LOCATION OF OPENINGS, INCLUDING THOSE NOT SHOWN ON THE CONTRACT DRAWINGS, REQUIRED BY ALL TRADES. CONFIRM THAT THE TYPICAL AND SPECIAL FRAMING DETAILS SHOWN IN THE CONTRACT DRAWINGS COVER ALL OF THE CONDITIONS DETERMINED. REPORT DISCREPANCIES TO THE STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

GENERAL FRAMING:

CONNECTORS: PROVIDE SIMPSON LUS FACE HANGERS OR B TOP FLANGE HANGERS BETWEEN JOISTS AND BEAMS UNLESS OTHERWISE NOTED. PROVIDE SIMPSON HUSC CONCEALED FLANGE HANGERS BETWEEN BEAMS AND COLUMNS OR BUILT-UP POSTS. PROVIDE SIMPSON AB# SERIES AT BASE AND PC# SERIES AT CAPS UNLESS OTHERWISE NOTED. PROVIDE WEB BLOCKING AT WOOD I JOISTS.

WALLS: PROVIDE 2X6 STUDS AT 16" OC AT EXTERIOR WALLS AND 2X4 STUDS AT 16" OC AT INTERIOR WALLS. STUDS SHALL HAVE FULL BEARING ON A 2" NOMINAL OR LARGER PLATE OR SILL WITH A WIDTH TO EQUAL OR EXCEEDING THE STUD WIDTH. TWO STUDS MINIMUM SHALL BE PROVIDED AT THE END OF ALL WALLS. PROVIDE ONE KING STUD AND ONE JACK STUD EACH SIDE OF EA. OPENING, MIN. SEE TYPICAL DETAILS FOR ADDITIONAL OPENING REQUIREMENTS. SEE TYPICL DETAILS FOR WALL STRAPPING AND ATTACHMENT. MEMBERS OF BUILT-UP POSTS SHALL BE NAILED TOGETHER PER THE TYPICAL DETAILS. PROVIDE CONTINUOUS SOLID BLOCKING AT MID-HEIGHT OF ALL STUD WALLS OVER 8'-0" IN HEIGHT (NOT REQUIREDI IF WALL IS SHEATHED).

WOOD COLUMNS & BUILT-UP POSTS: SOLID BLOCKING FOR WOOD COLUMNS AND POSTS SHALL BE PROVIDED THROUGH FLOORS TO SUPPORTS BELOW TO MATCH THE LOWER LEVEL POST REQUIREMENTS. SEE TYPICAL DETAIL FOR ATTACHMENT REQUIREMENTS.

WOOD CONT.

EXTERIOR WALLS: EXTERIOR WALLS SHALL BE CONSTRUCTED AS SHEAR WALL TYPE SW6 UNLESS OTHERWISE NOTED. PROVIDE CONTINOUS BLOCKING AT ALL JOINTS AND NAIL SHEATHING TO BLOCKING AT 6" ON CENTER AT ALL EDGES PER THE SHEAR WALL SCHEDULE.

OVERDRIVEN SHEATHING NAILS: CARE SHALL BE TAKEN TO AVOID OVERDRIVING NAILS THROUGH ROOF, FLOOR, AND WALL SHEATHING. NAILS SHALL BE CONSIDERED OVERDRIVEN IF THE HEAD HAS BEEN DRIVEN MORE THAN 1/8" BELOW THE FACE OF THE SHEATHING. IF MORE THAN 25% OF THE NAILS IN A SINGLE SHEET ARE OVERDRIVEN, ADD ONE ADDITIONAL NAIL FOR EVERY TWO OVERDRIVEN NAILS WHERE 6" OR 4" NAIL SPACINGS ARE REQUIRED OR REMOVE AND REPLACE THE FULL SHEET WHERE NAIL SPACINGS LESS THAN 4" ARE REQUIRED..

COMBUSTION SOURCES: WOOD FRAMING SHALL BE A MINIMUM OF 2", BUT SHALL NOT BE LESS THAN THE DISTANCE SPECIFIED IN CHAPTER 21 OF THE BUILDING CODE AND THE INTERNATIONAL MECHANICAL CODE, FROM FLUES, CHIMNEYS, AND FIREPLACES, AND 6" AWAY FROM FLUE OPENINGS.

FLOORS AND ROOF:

JOISTS: TOENAIL JOISTS TO TOP PLATES OF BEARING WALLS WITH TWO 16d NAILS. ATTACH TIMBER JOISTS TO FLUSH HEADERS OR BEAMS WITH SIMPSON METAL JOIST HANGERS IN ACCORDANCE WITH NOTES ABOVE. NAIL BEAMS COMPRISED OF MULTIPLE JOISTS WITH 16d AT 12" OC STAGGERED.

BRIDGING: PROVIDE ONE ROW OF BRIDGING EVERY 8 FEET ALONG SPAN OF JOISTS

JOIST NOTCHES: JOISTS AS USED IN THIS SECTION REFERS TO 2X FRAMING MEMBERS USED AS ROOF RAFTERS OR FLOOR JOISTS. NOTCHES AT JOIST ENDS SHALL NOT EXCEED ONE FOURTH THE DEPTH OF THE JOIST. HOLES BORED FOR PIPE OR CABLE SHALL BE WITHIN THE MIDDLE THIRD OF THE JOIST DEPTH AND THE DIAMETER OF SUCH HOLES SHALL NOT EXCEED ONE THIRD THE DEPTH OF THE JOIST OR 1", WHICHEVER IS GREATER. ALL OTHER REQUIRED HOLES OR NOTCHES MUST BE APPROVED BY STRUCTURAL ENGINEER. THIS SECTION DOES NOT APPLY TO ENGINEERED WOOD MEMBERS: LS, LVL OR PSL. CONTACT ENGINEER PRIOR TO NOTCHING OR DRILLING IN ENGINEERED WOOD MEMBERS.

DOUBLE JOISTS: PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS THAT EXTEND OVER MORE THAN HALF THE JOIST LENGTH AND AROUND ALL OPENINGS IN FLOORS OR ROOFS. PROVIDE BRIDGING AT 8'-0" OC AND SOLID BLOCKING AT ALL BEARING POINTS.

SHEATHING LAYOUT: LAY ROOF AND FLOOR SHEATHING WITH GRAIN PERPENDICULAR TO SUPPORTS. NAIL ROOF SHEATHING TO SUPPORTS WITH 8d NAILS AT 6" OC AT FRAMED PANEL EDGES AND AT 12" OC TO INTERMEDIATE SUPPORTS. GLUE AND SCREW FLOOR SHEATHING TO SUPPORTS WITH 8 X 2 1/2" LONG WOOD SCREWS AT 6" OC AT FRAMED PANEL EDGES AND AT 12" OC TO INTERMEDIATE SUPPORTS. PROVIDE APPROVED EDGE CLIPS CENTERED BETWEEN FRAMING MEMBERS AT UNBLOCKED ROOF SHEATHING EDGES. FLOOR SHEATHING SHALL HAVE APPROVED TONGUE-AND-GROOVE EDGES.
HURRICANE CLIPS: PROVIDE SIMPSON H2.5A HURRICANE CLIPS FROM ROOF RAFTERS AND CANTILEVERED RAFTERS TO THE WALL TOP PLATES OR SUPPORTING BEAMS UNLESS ANOTHER HURRICANE CLIP IS NOTED. PROVIDE WEB BLOCKING AT WOOD I JOISTS RECEIVING HURRICANE CLIPS.

VENTING: THE STRUCTURAL DRAWINGS DO NOT SHOW VENTING DETAILS AT ROOFS AND OTHER ENCLOSED SPACES. SEE ARCH FOR VENTING REQUIREMENTS, IF ANY.

PROPORTIONAL SHRINKAGE: PARTIAL HEIGHT SYSTEMS SHALL BE DESIGNED FOR PROPORTIONAL SHRINKAGES. LARGER THAN NORMAL FLOOR-TO-FLOOR HEIGHTS, MOISTURE CONTENT OF FRAMING LUMBER WHEN INSTALLED, TYPE OF FRAMING AND OTHER FACTORS MAY INFLUENCE THE ACTUAL SHRINKAGE.

PREFABRICATED PRE-ENGINEERED WOOD TRUSSES

TRUSS DESIGN: PREFABRICATED METAL PLATE CONNECTED WOOD TRUSS SYSTEM SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION, ANSI/TPI 1, AND THE BUILDING CODE FOR THE SPANS AND CONDITIONS SHOWN IN THE CONSTRUCTION DOCUMENTS. THE DESIGN LOADING FOR ROOF TRUSS SYSTEM SHALL BE:

ROOF TRUSSES		
TOP CHORD SNOW LOAD	SEE THE GENERAL DESIGN LOADS	
TOP CHORD LIVE LOAD	20 PSF	
TOP CHORD DEAD LOAD	10 PSF	
BOTTOM CHORD LIVE LOAD	10 PSF	INACCESSIBLE ATTIC W/O STORAGE
BOTTOM CHORD DEAD LOAD	5 PSF	
WIND UPLIFT (TOP CHORD)	PER WIND LOADING	

TRUSS GEOMETRY: ROOF TRUSS TOP CHORDS SHALL BE SLOPED TO FORM THE ROOF SLOPE, UNO. ALL TRUSSES ARE ASSUMED TO BE SIMPLE SPAN, UNO. COORDINATE GEOMETRY OF WOOD TRUSS MEMBERS WITH MECHANICAL, ELECTRICAL, SPRINKLER, ARCHITECTURAL AND BUILDING CODE REQUIREMENTS. ALL AREAS WHERE TRUSSES ARE NOT SPECIFICALLY NOTED SHALL BE STICK FRAMED. VALLEY AND RIDGE SETS OF TRUSSES WILL NOT BE ALLOWED UNLESS WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE ARCHITECT PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS.

DEFERRED SUBMITTAL: THE PREFABRICATED METAL PLATE CONNECTED WOOD TRUSS SYSTEM IS A DEFERRED SUBMITTAL. PRODUCTS SHALL BE DESIGNED BY THE MANUFACTURER FOR THE SPANS AND CONDITIONS SHOWN IN THE CONSTRUCTION DOCUMENTS AND SHALL BE FURNISHED AND INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S PUBLISHED SPECIFICATIONS. PROVIDE FOR SHAPES, BEARING POINTS, INTERSECTIONS, HIPS, VALLEYS, ETC, SHOWN ON THE DRAWINGS. EXACT COMPOSITION OF SPECIAL HIP, VALLEY, AND INTERSECTION AREAS (USE OF GIRDER TRUSSES, JACK TRUSSES, STEP-DOWN TRUSSES, ETC) SHALL BE DETERMINED BY THE MANUFACTURER UNLESS SPECIFICALLY INDICATED IN THE CONSTRUCTION DOCUMENTS. PROVIDE TRUSS-TO-TRUSS CONNECTION DETAILS AND REQUIRED CONNECTION MATERIALS. SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION.

PREFABRICATED PRE-ENGINEERED WOOD TRUSSES CONT.

TRUSS CALCULATIONS: THE TRUSS SYSTEM CALCULATION PACKAGE SHALL BE DESIGNED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE. THE TRUSS SYSTEM ENGINEER SHALL ASSUME ALL RESPONSIBILITY FOR THE WORK OF ALL SUBORDINATES INVOLVED IN THE PREPARATION OF THE TRUSS DESIGN DRAWINGS AND PLACEMENT PLANS.

FRAMING LOAD PATH: THE WOOD TRUSS SYSTEM IS A PRE-ENGINEERED SYSTEM DESIGNED BY SPECIALTY ENGINEERS TO THE CRITERIA IN THE CONSTRUCTION DOCUMENTS. THE WOOD TRUSS SYSTEM SHALL BE PROVIDED TO COMPLETE THE ROOF FRAMING FROM THE ROOF SHEATHING TO THE SUPPORTING MEMBERS BELOW. TRUSSES SHALL NOT PLACE HORIZONTAL REACTIONS ON SUPPORTING MEMBERS.

OVER FRAMING: WHERE OVER FRAMING IS USED TO COMPLETE THE ROOF SYSTEM, OVER FRAMING MEMBERS AND THEIR CONNECTIONS SHALL BE UNDER THE DIRECTION OF THE TRUSS SYSTEM DESIGNER IN ORDER TO PROVIDE A LOADING CONDITION CONSISTENT WITH THE MODELING OF THE TRUSSES. THE TRUSS SYSTEM DESIGNER SHALL INCLUDE OVER FRAMING DETAILS WITH THE PRE-ENGINEERED TRUSS PACKAGE.

TRUSS LAYOUT: TRUSS LOCATIONS ARE SCHEMATICALLY SHOWN ON THE PLANS. IT IS NOT THE INTENT OF THE STRUCTURAL PLANS TO GRAPHICALLY LOCATE ALL FRAMING MEMBERS EXCEPT FOR WHERE CALLED OUT. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING SHOP DRAWINGS FOR MEMBER LAYOUT, CONSTRUCTABILITY AND QUANTITY TAKEOFFS.

TRUSS PROFILES: TRUSS PROFILES, CHORD MEMBER SIZES, AND WEB MEMBER SIZES SHOWN IN THESE DRAWINGS ARE SCHEMATIC ONLY. COORDINATE ROUTING OF DUCTS AND OTHER EQUIPMENT WITH TRUSS SHOP DRAWINGS AND TRUSS MANUFACTURER.

TRUSS BEARING: TRUSS BEARING LOCATIONS ARE INDICATED IN THE CONSTRUCTION DOCUMENTS. THE TRUSS MANUFACTURER SHALL VERIFY TRUSS BEARING CAPACITY ON **SOUTHERN PINE PLATES**. ALL TRUSS TO TRUSS CONNECTIONS ARE TO BE DESIGNED AND CALLED OUT BY THE TRUSS MANUFACTURER. TRUSSES SHALL BE FASTENED TO SUPPORTING MEMBERS WITH NAILS AND HOLD DOWN CLIPS ACCORDING TO THE BUILDING CODE AND THE ROOF TRUSS FASTENER SCHEDULE IN THESE DRAWINGS.

WHERE LIGHT GAGE STUD WALLS ARE USED TO SUPPORT TRUSSES, TRUSSES SHALL BEAR DIRECTLY OVER A WALL STUD AND SHALL NOT BE SUPPORTED SOLELY BY THE TOP TRACK. WHERE STUD AND TRUSS SPACING CONFLICT DO NOT MATCH, ADDITIONAL STUDS SHALL BE INSTALLED AT TRUSS BEARING POINTS.

TRUSS ALIGNMENT: TYPICALLY ALIGN ROOF TRUSSES OVER/WITH SHEAR WALLS. VERIFY WITH CONTRACTOR THE CHOICE TO USE ALTERNATE SHEAR TRANSFER DETAILS WHERE TRUSSES NEED NOT BE ALIGNED. WHERE TRUSSES ALIGN OVER SHEAR WALLS, THE TRUSS SYSTEM DESIGNER SHALL PROVIDE A TRUSS TO CARRY THE DRAG LOAD NOTED ON THE PLAN FROM THE ROOF SHEATHING TO THE SHEAR WALL BELOW OR A MINIMUM OF 150 PLF. DRAG TRUSSES SHALL BE MODELED ACCORDING TO THE ACTUAL SUPPORT CONDITIONS AS SHOWN ON THE PLAN. HORIZONTAL REACTIONS SHALL BE RESISTED ONLY BY LATERAL ELEMENTS SUCH AS SHEARWALLS ACCORDING TO THE DETAILS AND ACTUAL FRAMING CONDITIONS.

TRUSS BRACING: ALL TEMPORARY AND PERMANENT BRACING REQUIRED FOR THE STABILITY OF THE TRUSS ELEMENTS UNDER GRAVITY LOADS, IN-PLANE DRAG LOADS, AND UPLIFT LOADS SHALL BE DESIGNED BY THE TRUSS SYSTEM DESIGNER. WHERE THE TOP CHORD IS NOT DIRECTLY ATTACHED TO THE ROOF SHEATHING, THE TRUSS SYSTEM DESIGNER SHALL DESIGN AND DIRECT THE PLACEMENT OF ALL REQUIRED TOP CHORD BRACING INCLUDING THEIR CONNECTIONS. ANY BRACING LOADS TRANSFERRED TO THE MAIN BUILDING SYSTEM WALL, ETC. SHALL BE IDENTIFIED AND SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL.

SHOP DRAWINGS: SHOP DRAWINGS MAY CONTAIN THE MANUFACTURER'S ENGINEERING RESPONSIBILITY LIMITATIONS. HOWEVER, THEY SHALL MAKE NO STATEMENT AS TO THE ENGINEER OF RECORD'S RESPONSIBILITIES. SHOP DRAWINGS SUBMITTALS SHALL INCLUDE THE FOLLOWING:

1. KEY PLAN SHOWING EACH TRUSS LOCATION.
2. INDIVIDUAL TRUSS DESIGNS STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE.
3. PERMANENT BRACING REQUIREMENTS INCLUDING PLACEMENT AND CONNECTION DETAILS STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE.
4. TRUSS DRAWINGS SHALL SPECIFY ALL TRUSS-TO-TRUSS CONNECTIONS/HARDWARE TO MEET THE REQUIREMENTS OF THE PLAN.
5. OVERFRAMING CONNECTIONS AND PLACEMENT DETAILS STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE.

OPENING COORDINATION: COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS AND ROOF TOP EQUIPMENT WITH THE TRADES REQUIRING THEM AND THE WOOD TRUSS SYSTEM MANUFACTURER.

STRUCTURAL GENERAL NOTES

TIME / DATE: 6/3/2020 11:51:54 AM

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PROJECT INFORMATION

CONTRACT:

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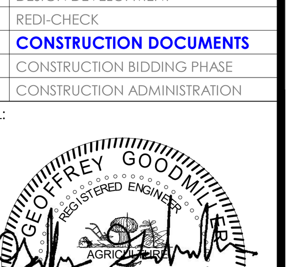
ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
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CHECKED BY:	RAH

DRAWING TITLE:

STRUCTURAL GENERAL NOTES

DRAWING NO:

S002

IBC TABLE 1705.6: REQUIRED VERIFICATION AND INSPECTION OF SOILS		
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		X

IBC TABLE 1705.3: REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD	IBC REFERENCE
1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT.		X	ACI318: CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
3. INSPECT ANCHORS CAST IN CONCRETE.		X	ACI 318: 17.8.2	
4. INSPECT ANCHORS POST INSTALLED IN HARDENED CONCRETE MEMBERS (NOTE a).				
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X		ACI 318: 17.8.2.4	
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a.		X	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX DESIGN.		X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X		ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND FOR PROPER APPLICATION TECHNIQUES.	X		ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		X	ACI 318: 26.10	1908.9
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		X	ACI 318: 26.11.1.2(b)	

TABLE NOTES:
a. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH ACI 355.2 OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

TMS 602, TABLES 3 AND 4: LEVEL 2 QUALITY ASSURANCE OF MASONRY CONSTRUCTION				
TABLE 3.MINIMUM VERIFICATION REQUIREMENTS				
VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) AS DELIVERED TO THE PROJECT SITE IN ACCORDANCE WITH SPECIFICATION ARTICLE 1.5 &1.6.3 FOR SELF-CONSOLIDATING GROUT.				
VERIFICATION OF f'_m AND f'_{AAC} IN ACCORDANCE WITH ARTICLE 1.4 B PRIOR TO CONSTRUCTION, EXCEPT WHERE SPECIFICALLY EXEMPTED BY THE CODE				
VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS IN ACCORDANCE WITH ARTICLE 1.5.				
TABLE 4: MINIMUM INSPECTION REQUIREMENTS				
INSPECTION TASK	FREQUENCY		REFERENCE FOR CRITERIA	
	CONTINUOUS	PERIODIC	TMS 402	TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a. PROPORTIONS OF SITE-PREPARED MORTAR.		X		ART 2.1, 2.6 A, 2.6 C
b. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.		X		ART 2.4 B, 2.4 H
c. GRADE, TYPE, AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.		X		ART 3.4, 3.6 A
2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
a. GROUT SPACE.		X		ART 3.2 D, 3.2 F
c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHORAGES.		X	SEC. 6.1, 6.3.1, 6.3.6, 6.3.7	ART 3.2 E, 3.4
d. PROPORTIONS OF SITE-PREPARED GROUT		X		ART 2.6 B, 2.4 G.1.b
3. VERIFY DURING CONSTRUCTION:				
a. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.		X		ART 1.5
b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION		X		ART 3.3 B
c. SIZE AND LOCATION OF STRUCTURAL MEMBERS		X		ART 3.3 F
d. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.		X	SEC 1.2.1(e), 6.2.1, 6.3.1	
f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F (4.4°C)) OR HOT WEATHER (TEMPERATURE ABOVE 90°F (32.2°C)).		X		ART 1.8 C, 1.8 D
g. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	X			ART 3.6 B
h. PLACEMENT OF GROUTIS IN COMPLIANCE.	X			ART 3.5, 3.6 C
4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND / OR PRISMS.		X		ART 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION			
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE
1. INSPECTION OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES (NOTE a).		X	1705.5
2. INSPECTION OF SITE BUILT DIAPHRAGMS			1705.5.1
a. VERIFY GRADE AND THICKNESS OF SHEATHING		X	
b. VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES		X	
c. VERIFY NAIL OR STAPLE DIAMETER AND LENGTH		X	
d. VERIFY NUMBER OF FASTENER LINES		X	
e. VERIFY SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS.		X	
2. METAL-PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FEET OR GREATER OR WITH OVERALL HEIGHTS OF 60 INCHES OR GREATER (NOTE b).		X	1705.5.2
3. INSPECTION OF ROOF CLADDING AND WALL CLADDING FASTENING		X	1705.11.3
4. VERIFY COMPLIANCE W/ CONSTRUCTION DOCUMENTS OF STRUCTURAL COMPONENTS INCLUDING:		X	CONST DOCUMENTS
a. KING STUDS, JACK STUDS, AND HEADERS		X	
b. BLOCKING, NAILING, AND SILL PLATE ANCHORAGE		X	
c. STRAPPING, HOLD DOWNS, AND BEARING		X	
d. SIZE OF TRUSSES AND ALL SUPPLEMENTARY FRAMING		X	
e. MECHANICAL CONNECTIONS		X	
f. MATERIAL PROPERTIES		X	

TABLE NOTES:
a. SHOP INSPECTION FOR PREFABRICATED TRUSSES, ETC.
b. VERIFICATION OF TEMPORARY AND PERMANENT RESTRAINT / BRACING INSTALLATION.
c. SPECIAL INSPECTION NOT REQUIRED FOR WOOD SHEAR WALLS AND DIAPHRAGMS SHEATHED ON ONLY ONE SIDE WITH WOOD STRUCTURAL PANELS OR STEEL SHEETS, WHERE THE FASTENER SPACING EXCEEDS 4 IN OC.

STATEMENT OF SPECIAL INSPECTIONS:

1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS, UNLESS WAIVED BY THE BUILDING OFFICIAL. (SEE IBC CHAPTER 17).
2. THE INSPECTION AND TESTING AGENT(S) SHALL BE ENGAGED BY THE OWNER'S REPRESENTATIVE OR THE SPECIAL INSPECTOR, AND NOT BY THE CONTRACTOR OR SUBCONTRACTOR WHOSE WORK IS TO BE INSPECTED OR TESTED. ANY CONFLICT OF INTEREST MUST BE DISCLOSED PRIOR TO COMMENCING WORK
3. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING INSPECTION.
4. DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
   A. THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED BELOW FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE 2018 IBC. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF UNCORRECTED, TO THE EOR AND THE BUILDING OFFICIAL.
   B. THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE EOR, CONTRACTOR, OWNER, AND BUILDING OFFICIAL ON A **BI-WEEKLY** BASIS, OR MORE FREQUENTLY AS REQUIRED BY THE BUILDING OFFICIAL. REPORTS SHALL DESCRIBE ALL INSPECTIONS, TEST PERFORMED, DISCREPANCY NOTICES AND CORRECTIVE ACTIONS TAKEN.
   C. ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE 2018 IBC.
5. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR
   A. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK. IN ACCORDANCE WITH IBC 1704.4, THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTOR REQUIREMENTS CONTAINED WITHIN THE "STATEMENT OF SPECIAL INSPECTIONS".
   B. THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.
   C. ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.
   D. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH THE CONTRACT DOCUMENTS. JOBSITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
6. PLEASE SEE THE "SPECIAL INSPECTION SCHEDULE" ON THIS SHEET FOR THE TYPES, EXTENTS, AND FREQUENCY OF SPECIFIC ITEMS REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.
7. THIS STATEMENT OF SPECIAL INSPECTIONS ENCOMPASSES THE FOLLOWING DISCIPLINES: STRUCTURAL, **ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING**
8. SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE **ARE NOT** REQUIRED PER IBC 1705.12.
9. SPECIAL INSPECTIONS FOR WIND RESISTANCE **ARE NOT** REQUIRED PER IBC 1705.11.

PREPARED BY:

NAME: GEOFFREY GOODMILLER

LICENSE #: 119715

SIGNATURE: _____ DATE: 6/4/2020

OWNER'S AUTHORIZATION: BUILDING OFFICIAL'S ACCEPTANCE:

SIGNATURE: _____ DATE: _____ SIGNATURE: _____ DATE: _____

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 11:51:56 AM

SPECIAL INSPECTIONS

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19003

550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

GEOFFREY GOODMILLER REGISTERED ENGINEER No. 119715 6/4/2020 STATE OF TENNESSEE

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
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project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

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DRAWING INFORMATION

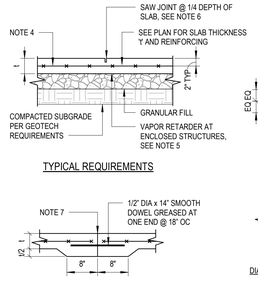
SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

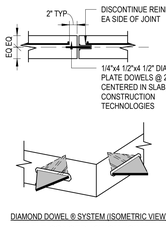
DRAWING TITLE:

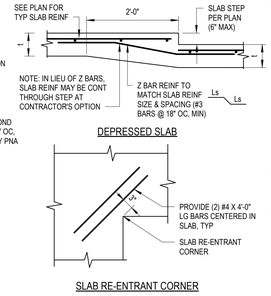
SPECIAL INSPECTIONS

DRAWING NO:

S003

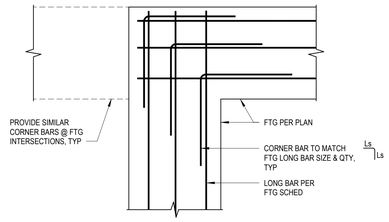




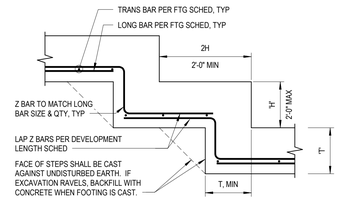


NOTES:
1. ALL SLAB-ON-GRADE CONSTRUCTION SHALL FOLLOW THE RECOMMENDATIONS OF ACI 302.1 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION"
2. PROVIDE CURING, FINISHING & SEALING OF SLABS PER ACI 302.1 GUIDELINES. CONCRETE SLABS SHALL CONFORM TO ACI 117-90 FOR FLATNESS AND LEVELNESS. PROVIDE **CLASS 1** FLOOR FINISH WITH A FLATNESS/LEVELNESS OF **25/20 (16/13 MIN)** ACCORDING TO ASTM E1155, UNLESS SHOWN ON ARCHITECTURAL DRAWINGS OR OTHERWISE NOTED. CONTRACTOR TO PROVIDE FLOOR FLATNESS AND LEVELNESS TESTING WITHIN 72 HOURS OF CONCRETE FINISHING. TEST RESULTS SHALL BE PROVIDED TO THE ARCHITECT AND STRUCTURAL ENGINEER.
3. PROVIDE CURING USING A LIQUID MEMBRANE-FORMING CURING COMPOUND. PROVIDE A POLYETHYLENE (PLASTIC) FILM WHERE WEATHER/TEMPERATURE CONDITIONS REQUIRE ADDITIONAL PROTECTION FOR CURING.
4. WIRE FABRIC SHALL BE PLACED 2" BELOW TOP OF SLAB, UNO. WWF SHALL BE SUPPORTED AT A MAXIMUM SPACING OF 3'-0" OC IN ANY DIRECTION. ALL WELDED WIRE FABRIC SHALL LAP TWO FULL MESHES AND BE SECURELY WIRED AT EACH SIDE AND END. WELDED WIRE FABRIC SHALL BE FABRICATED FROM SHEETS. ROLLS ARE NOT ALLOWED.
5. A 10 MIL (MIN) VAPOR RETARDER SHALL BE PROVIDED BELOW SLAB-ON-GRADE AT ALL INTERIOR LOCATIONS. VAPOR BARRIER SHALL BE LAPPED AND TAPED AS REQUIRED BY MANUFACTURER. SEE ARCHITECTURAL FOR ADDITIONAL VAPOR BARRIER REQUIREMENTS.
6. PROVIDE CONTROL JOINTS THAT DIVIDE THE SLAB-ON-GRADE INTO RECTANGULAR AREAS OF 144 SF OR LESS WITH LENGTH TO WIDTH RATIOS OF 1.5 OR LESS. LOCATE CONTROL JOINTS UNDER PARTITIONS AND ON COLUMN LINES WHERE POSSIBLE. SUBMIT JOINT LOCATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION. CONTROL JOINT LOCATIONS SHOWN ON PLAN ARE THE MINIMUM ALLOWABLE BASED ON ONE CONTINUOUS SLAB POUR. ADDITIONAL JOINTS SHALL BE ADDED BY THE CONTRACTOR AS REQUIRED BASED ON POUR SEQUENCE AND SLAB LAYOUT. CONTROL JOINT SPACING SHALL NOT EXCEED THE MAXIMUM SPACING NOTED ON PLAN.
7. ALL CONSTRUCTION JOINTS SHALL BE PLACED AT COLUMN LINES OR UNDER PARTITIONS AT DISCRETION OF CONTRACTOR. FOR SLAB POUR MAINTAIN CONSISTENT SPACING WITH CONTROL JOINTS.

1 TYPICAL SLAB-ON-GRADE CONSTRUCTION
3/4" = 1'-0"

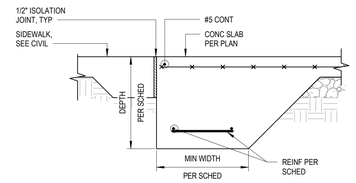


4 TYPICAL FOOTING CORNER BARS
3/4" = 1'-0"

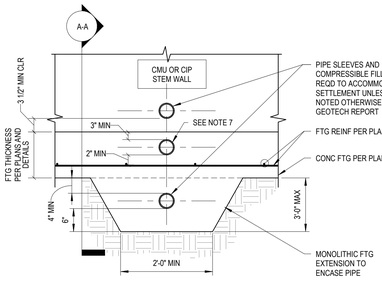


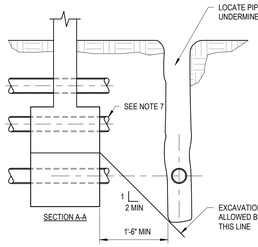
5 TYPICAL FOOTING STEP
3/4" = 1'-0"

THICKENED SLAB EDGE SCHEDULE			
MARK	DEPTH	WIDTH	ADDITIONAL REINFORCING
TE08	0'-8"	0'-8"	NONE
TE12	2'-0"	1'-0"	PER FTG SCHEDULE



10 TYPICAL THICKENED SLAB EDGE DETAIL
1" = 1'-0"





NOTES:
1. IF PIPE IS GREATER THAN 4'-0" BELOW BOTTOM OF FOOTING, NO CONCRETE TRENCH SHALL BE REQUIRED.
2. TRENCH WIDTH TO EQUAL FOOTING WIDTH ABOVE.
3. FTG & TRENCH MAY BE POURED MONOLITHICALLY @ CONTRACTORS OPTION.
4. PIPES MAY BE ENCASED BELOW THE FTG, EMBEDDED IN THE FOOTING ABOVE THE REINFORCEMENT, OR THOUGH THE STEM WALL BELOW THE SLAB AS SHOWN.
5. FOR PIPES RUNNING THROUGH FOOTING: PIPE SHALL PASS ABOVE FOOTING REINF, DO NOT BREAK FOOTING REINF. MAINTAIN 3" MIN CONCRETE COVER. MAINTAIN 2" OF CONCRETE BETWEEN PIPE SLEEVE AND REINFORCEMENT, MIN AS SHOWN.
6. FOR PIPES RUNNING PARALLEL TO STRIP FOOTINGS, FOOTING DEPTH AND PIPE LOCATION SHALL BE COORDINATED SO THAT THE PIPE IS NOT WITHIN THE FTG LOAD DISTRIBUTION THAT EXTENDS AT 45 DEGREE ANGLE OUT FROM THE BOTTOM EDGE OF THE FOOTING AS SHOWN.
7. IF CLEARANCES WITHIN FOOTING CANNOT BE ACHIEVED, PIPES AND PIPE SLEEVES MAY NOT BE INSTALLED THROUGH THE FOOTING.

6 TYPICAL PIPE AND TRENCH LOCATIONS AT FOOTINGS / WALLS
NTS

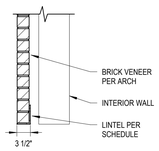
NOTES:
1. NOTATIONS:
   db: NOMINAL BAR DIAMETER (INCHES)
   Ld: TENSION DEVELOPMENT LENGTH (INCHES) FOR REINFORCEMENT SATISFYING THE FOLLOWING REQUIREMENTS:
   SLABS AND WALLS: CLEAR SPACING > 2db, AND CONCRETE CLEAR COVER > db
   BEAMS AND COLUMNS: CLEAR SPACING > db, AND CONCRETE CLEAR COVER > db
   Lt: DEVELOPMENT LENGTH OF BARS IN THICK CONCRETE = 1.3 X Ld (INCHES)
   Lb: DEVELOPMENT LENGTH OF BARS OR DOWELS IN COMPRESSION = 19 X db (INCHES)
   Lc: TIED COLUMN LAP SPLICE IN COMPRESSION = 30 X db (INCHES)
   Lcs: SPIRAL COLUMN LAP SPLICE IN COMPRESSION = 22.5 X db (INCHES)
   Ls: TYPICAL LAP SPLICE LENGTH = 1.3 X Ld (INCHES)
   Lsb: LAP SPLICE LENGTH OF HORIZONTAL BARS IN THICK CONCRETE = 1.69 X Ld (INCHES)
2. MULTIPLY VALUES IN THE TABLE BY 1.5 IF CLEAR SPACING OR CONCRETE COVER DO NOT MEET THE REQUIREMENTS FOR Ld IN NOTE 1.
3. "HORIZONTAL BARS IN THICK CONCRETE" REFERS TO BARS WITH MORE THAN 12 INCHES OF FRESH CONCRETE CAST BELOW. THIS INCLUDES BEAMS, SLABS, FOUNDATIONS, AND WALLS.
4. THE DEVELOPMENT AND SPLICE LENGTHS ARE BASED ON REINFORCEMENT STRENGTH Fy = 60 KSI.
5. #14 AND #18 BARS SHALL NOT BE LAP SPLICED. SEE "GENERAL NOTES"
6. MULTIPLY VALUES IN THE TABLE BY 1.3 FOR USE WITH LIGHTWEIGHT AGGREGATE CONCRETE.

f'c = 3,000 PSI				
BAR SIZE	Ld	Lt	Ls	Lsb
#3	17	22	22	28
#4	22	29	29	38
#5	28	36	36	47
#6	33	43	43	56
#7	48	63	63	81
#8	55	72	72	93
#9	62	81	81	105
#10	70	91	91	118
#11	78	101	101	131
#14	93	121	--	--
#18	124	161	--	--

f'c = 4,000 PSI				
BAR SIZE	Ld	Lt	Ls	Lsb
#3	15	19	19	25
#4	19	25	25	33
#5	24	31	31	41
#6	29	37	37	49
#7	42	54	54	71
#8	48	62	62	81
#9	54	70	70	91
#10	61	79	79	102
#11	67	87	87	114
#14	81	105	--	--
#18	108	140	--	--

9 CONC DEVELOPMENT LENGTH SCHEDULE
3/4" = 1'-0"

BRICK LINTEL SCHEDULE	
CLEAR OPENING	LINTEL
≤ 3'-4"	L3-1/2X3-1/2X5/16
3'-5" TO 6'-0"	L4x3-1/2x5/16
6'-1" TO 7'-4"	L5x3-1/2x5/16
7'-5" TO 10'-0"	L6x3-1/2x3/8

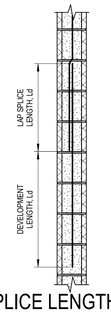


NOTES:
1. PROVIDE LOOSE STEEL LINTELS IN BRICK MASONRY WALLS AS SCHEDULED ABOVE UNLESS NOTED OTHERWISE ON PLAN OR IN DETAILS.
2. OPENINGS GREATER THAN 10'-0" SHALL BE COORDINATED WITH THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
3. LINTELS SHALL BEAR A MINIMUM OF 8" ON EACH END.
4. ALL LINTELS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
5. BRICK HEIGHTS EXCEEDING HALF THE LINTEL SPAN SHALL BE SHORED UNTIL MORTAR AS SET AND CURED.
6. SCHEDULE IS APPLICABLE ONLY FOR BRICK LAID IN RUNNING BOND.

16 TYPICAL LOOSE BRICK LINTELS
3/4" = 1'-0"

CMU SPLICE AND DEVELOPMENT LENGTHS			
BAR SIZE	TENSION DEV LENGTH, Ld		STD HOOK DEV LENGTH, Lh
	CENTERED	AT FACE	
#3	15	17	5
#4	20	29	6
#5	25	45	8
#6	43	85	9
#7	60	115	11
#8	72	173	12

(ALL VALUES IN INCHES)
f'm = 1,500 PSI
fs = 32,000 PSI

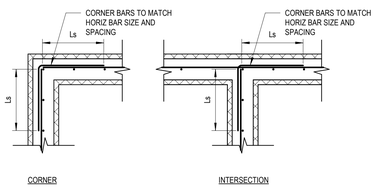


17 CMU DEVELOPMENT & SPLICE LENGTH SCHEDULE
3/4" = 1'-0"

CMU WALL REINFORCING SCHEDULE		
WALL TYPE	VERTICAL BARS	HORIZONTAL JOINT REINFORCEMENT
4" WALL	#4 @ 48" OC	(2) 9 GA LADDER @ 16" OC
8" WALL	#5 @ 48" OC	(2) 9 GA LADDER @ 16" OC

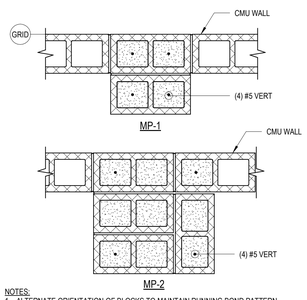
NOTES:
1. ALL MASONRY WALLS SHALL BE REINFORCED PER SCHEDULE ABOVE, UNLESS NOTED OTHERWISE ON PLAN.
2. HORIZONTAL JOINT REINFORCEMENT MAY BE TRUSS OR LADDER TYPE AT CONTRACTOR'S OPTION.
3. PROVIDE PRE-FABRICATED CORNERS & TEES @ 16" O.C. TO MATCH SIZE & TYPE OF TYPICAL TRUSS OR LADDER REINFORCEMENT.
4. LADDER OR TRUSS REINFORCEMENT SHALL BE PROVIDED 8" ABOVE AND BELOW ALL OPENINGS GREATER THAN 16" WIDE AND SHALL EXTEND 24", MIN, BEYOND OPENINGS IN EA DIRECTION.

18 TYPICAL CMU WALL REINFORCING SCHEDULE
3/4" = 1'-0"



NOTES
1. ALL BOND BEAMS SHALL BE CONTINUOUS THROUGH CONTROL JOINTS.

19 TYPICAL MASONRY CORNER BARS
3/4" = 1'-0"



NOTES:
1. ALTERNATE ORIENTATION OF BLOCKS TO MAINTAIN RUNNING BOND PATTERN.

20 TYPICAL MASONRY PILASTERS
1" = 1'-0"

BINDING EDGE
BINDING EDGE
BINDING EDGE

TIME / DATE: 6/3/2020 11:51:58 AM

McCARTY HOLSAPLE McCARTY
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PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:
CONCRETE & MASONRY TYPICAL DETAILS

DRAWING NO:
S004

BINDING EDGE

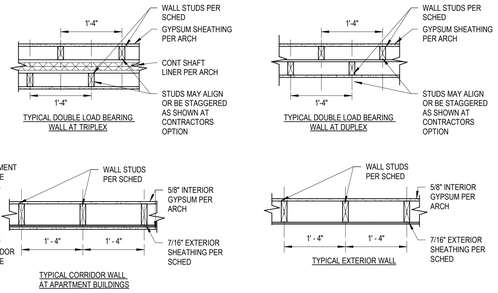
BINDING EDGE

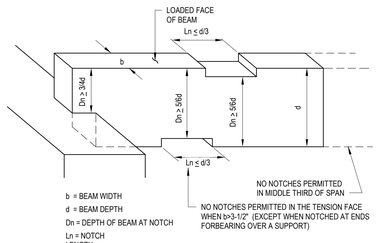
BINDING EDGE

STUD SCHEDULE				
LOCATION	EXTERIOR	INTERIOR LOAD BEARING (SINGLE WALLS)	INTERIOR LOAD BEARING (DOUBLE WALLS)	NON-LOAD BEARING WALLS
2ND FLOOR	2x6's @ 16" OC	2x4's @ 16" OC	2x4's @ 16" OC	SEE ARCH
1ST FLOOR	2x6's @ 16" OC	2x4's @ 16" OC	2x4's @ 16" OC	SEE ARCH

STUD WALL FRAMING NOTES:

1. THIS WALL SCHEDULE APPLIES ONLY TO STRUCTURAL BEARING WALLS.
2. STUD SIZE AND SPACING IS BASED ON NO1/NO2 GRADE SPRUCE PINE FIR MATERIAL WITH THE FOLLOWING PROPERTIES:
3. Fb = 875 psi, Fc = 1150 psi, E = 1400 ksi
4. ALL EXTERIOR AND SHARED TENANT WALLS ARE CONSIDERED STRUCTURAL AND SHALL BE CONSTRUCTED BY THIS SCHEDULE, UNO.
5. WHERE ARCHITECTURAL STUD REQUIREMENTS CONFLICT WITH THIS SCHEDULE, THE MORE RESTRICTIVE SHALL APPLY.
6. ALL STUD WALLS, STRUCTURAL AND NON-STRUCTURAL, SHALL BE FRAMED AT A MINIMUM WITH 2X4 STUDS @ 16" OC, TYP.





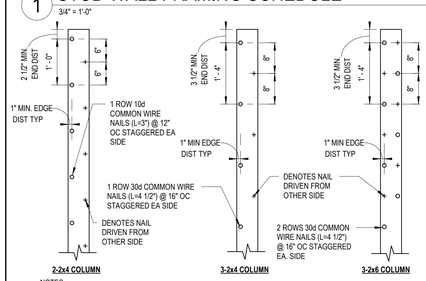
TYPICAL EXTERIOR & BEARING WALL STRAPPING		
TOP PLATE STRAP AT ROOF LEVEL EXTERIOR AND INTERIOR LOAD BEARING WALLS (4, 9)	SP6 @ 32" OC	6- 10d NAILS
FLR-FLR STRAPPING AT INTERIOR WALLS W/ ROOF TRUSS BEARING	(2) DTT1Z STRAPS AT 32" OC	3/8" THREADED ROD AT EA FLOOR
BOTTOM PLATE STRAP AT SLAB-ON-GRADE	RSP4 @ 32" ON CENTER	8- 8d NAILS
FLR-FLR STRAPPING AT EXTERIOR WALLS	CS22 STRAPS @ 32" ON CENTER	11-8d NAILS EA. END
SOLE PLATE TO SLAB	STANDARD CONNECTION	ALTERNATE CONNECTION
AT EXTERIOR & INTERIOR LOAD BEARING WALLS (3, 6)	5/8" DIA BOLT @ 32" OC, MAX	0.157" DIA. x 1 1/2" LG. P.D.F's @ 6" O.C., STAGGERED
AT INTERIOR NON-LOAD BEARING WALLS (3, 7)	1/2" DIA BOLT @ 48" OC, MAX	0.145" DIA. x 1" LG. P.D.F's @ 1'-0" O.C., STAGGERED
SOLE PLATE TO ELEVATED FRAME	(2) 16d NAILS AT 16" OC, MAX	

NOTES:
1. ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE. STRUCTURAL CONNECTORS WITH EQUIVALENT OR GREATER LOAD CAPACITIES MAY BE USED AT CONTRACTORS OPTION. ALTERNATE CONNECTORS MUST BE SUBMITTED TO EOR FOR APPROVAL. SCREW & NAIL SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS.
2. ALIGN TOP PLATE AND SILL PLATE FASTENERS SO THAT THEY EACH FALL ON IDENTICAL STUDS TOP & BOTTOM, TYP.
3. UNLESS OTHERWISE NOTED ON PLANS OR IN DETAILS USE FASTENERS SHOWN IN SCHEDULE WHERE CONNECTION IS NOT SPECIFIED.
4. SOLE PLATE ANCHOR BOLTS AT EXTERIOR WALLS SHALL BE C.I.P ANCHORS, SCREW ANCHORS OR EPOXY ANCHORS AT CONTRACTORS OPTION. EXP. ANCHORS AND "L" ANCHORS ARE UNACCEPTABLE AT EXTERIOR WALLS. SEE GENERAL NOTES FOR ALLOWABLE ANCHOR TYPES.
5. SOLE PLATE ANCHOR BOLTS AT INTERIOR WALLS MAY BE CAST-IN-PLACE ANCHORS, SCREW ANCHORS, EPOXY ANCHORS, OR EXP. ANCHORS AT CONTRACTOR'S OPTION. SEE GENERAL NOTES FOR ALLOWABLE ANCHOR TYPES.
6. EMBEDMENT OF ADHESIVE ANCHORS SHALL BE AS FOLLOWS AT SLAB-ON-GRADE AND AT STEM WALL LOCATIONS.

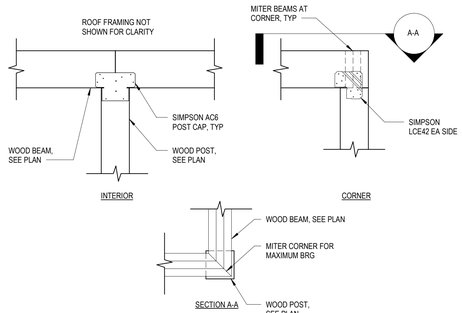
BOLT TYPE	1/2" DIA	5/8" DIA.
EMBEDDED ANCHOR	6"	6"
EPOXY ANCHOR	4 1/2"	6"
SCREW ANCHOR	4"	4 1/2"
EXPANSION ANCHOR	4"	4 1/2"

8. PROVIDE (2) 2x6 TOP PLATE OVER ALL LOAD BEARING EXTERIOR AND INTERIOR STUD WALLS.
9. AT ALL BUILT-UP STUDS AND COLUMNS, CONTRACTOR MUST PROVIDE IDENTICAL SQUASH BLOCKING WITHIN JOIST SPACE TO TRANSFER LOADS DIRECTLY INTO STEM WALLS BELOW IF BUILT-UP STUDS AND COLUMNS ARE NOT INSTALLED DIRECTLY ONTO SLAB ON GRADE FOUNDATION.

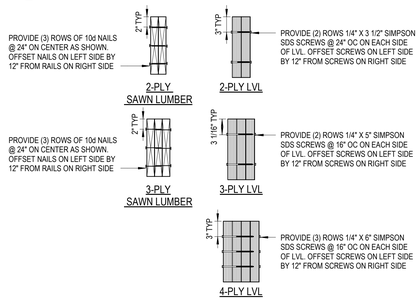
1 STUD WALL FRAMING SCHEDULE
3/4" = 1'-0"



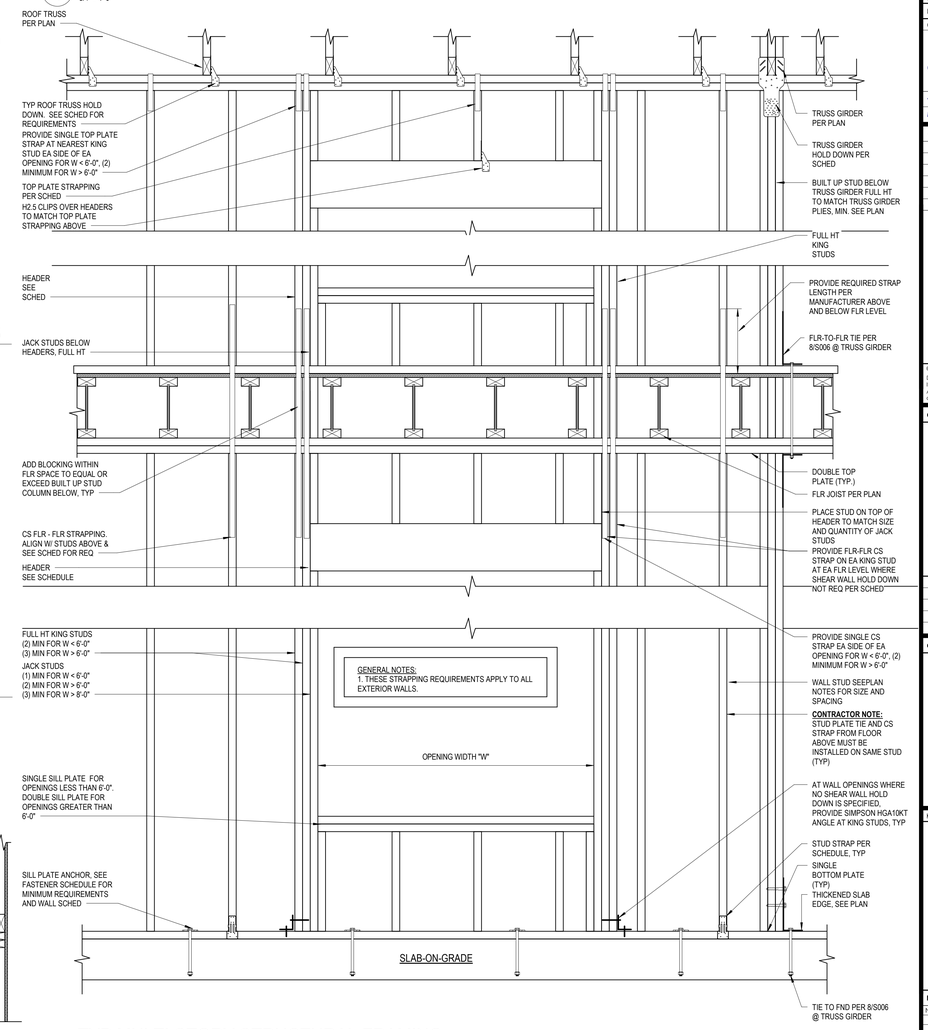
NOTES:
1. ALL DOUBLE OR TRIPLE STUDS SHALL BE CONSIDERED AS ONE STUD IN ALL DETAILS THAT CALL FOR A "NUMBER OF STUDS" (EXCEPT FOR SHEAR WALL SCHEDULE).
2. SEE TYPICAL BOLTED STUD COLUMNS FOR 4 PLY BUILT UP COLUMN REQUIREMENTS.
3. 4 PLY BUILT UP STUDS CANNOT BE NAILED, PER NDS WOOD SPECIFICATION.



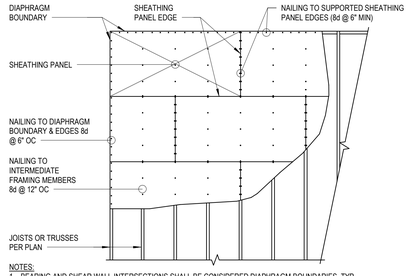
3 TYP NOTCH LIMITATIONS FOR SAWN LUMBER
3/4" = 1'-0"



4 EXTERIOR & BEARING WALL STRAPPING
3/4" = 1'-0"

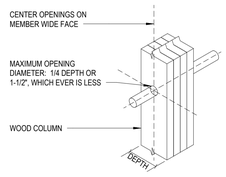


6 TYPICAL BUILT UP COLUMNS
3/4" = 1'-0"



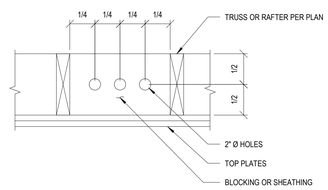
NOTES:
1. BEARING AND SHEAR WALL INTERSECTIONS SHALL BE CONSIDERED DIAPHRAGM BOUNDARIES, TYP.
2. FLOOR AND ROOF SHEATHING PANELS SHALL BE STAGGERED AS SHOWN WITH LONG DIRECTION OF SHEATHING PERPENDICULAR TO TRUSSES OR JOISTS. SEE SHEARWALL SCHEDULE FOR WALL SHEATHING PANEL ORIENTATION.

7 TYP EXTERIOR POST TO GIRDER CONN
1" = 1'-0"



NOTES:
1. BUILT-UP COLUMNS: NO MORE THAN ONE PENETRATION EVERY 2'-0" VERTICAL ALONG MEMBER LENGTH.
2. PSL COLUMNS: ONE PENETRATION EACH FLOOR.
3. CARE SHALL BE TAKEN NOT TO SPLINTER MEMBER WHERE DRILL BIT WILL EMERGE.
4. IN NO CASE SHALL PENETRATIONS OCCUR THROUGH STEEL COLUMNS WITHOUT WRITTEN CONSENT FROM ENGINEER.
5. SPECIAL CARE SHALL BE TAKEN WITH PSL COLUMNS TO LOCATE PENETRATION DIRECTLY THROUGH CENTER OF MEMBER AND TO PREVENT DAMAGE DURING DRILLING.
6. ANY MEMBERS WITH SPLITS ORIGINATING FROM PENETRATION SHALL BE REPLACED.

8 TYP BUILT-UP WOOD BEAM CONNECTIONS
1" = 1'-0"

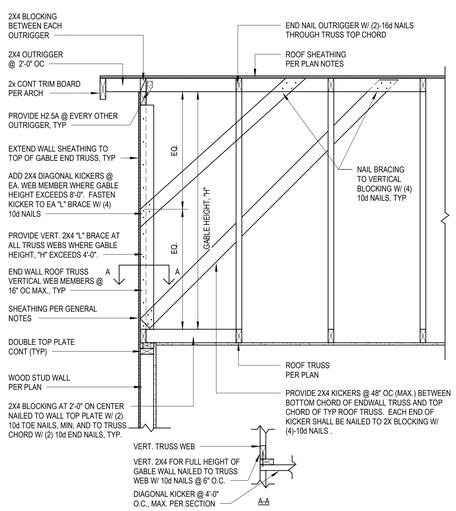


11 TYPICAL ROOF / FLOOR SHEATHING LAYOUT
3/4" = 1'-0"

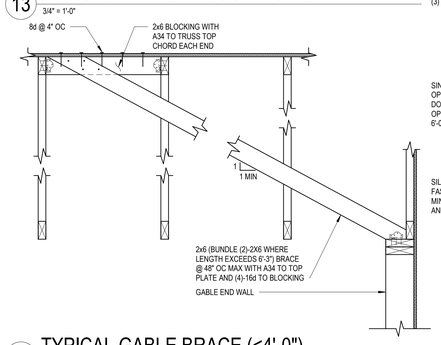
CONNECTION	NAIL	LOCATION
JOIST TO SILL OR GIRDER	(3) - 8d COMMON	TOE NAIL
BRIDGING TO JOIST	(2) - 8d COMMON	TOE NAIL EACH END
1" X 6" SUBFLOOR OR LESS TO EACH JOIST	(2) - 8d COMMON	FACE NAIL
WIDER THAN 1" X 6" SUBFLOOR TO EACH JOIST	(3) - 8d COMMON	FACE NAIL
2" SUBFLOOR TO JOIST OR GIRDER	(2) - 16d COMMON	BLIND & FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING	16d COMMON @ 16" OC	TYPICAL FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING @ BRACED WALL PANEL	(3) - 16d COMMON @ 16" OC	BRACED WALL PANELS
TOP PLATE TO STUD	(2) - 16d COMMON	END NAIL
STUD TO SOLE PLATE	(4) - 8d COMMON	TOE NAIL
STUD TO SOLE PLATE	(2) - 16d COMMON	END NAIL
DOUBLED STUDS	16d (3 1/2" x 0.135") @ 24" OC	FACE NAIL
DOUBLED TOP PLATE	16d (3 1/2" x 0.135") @ 16" OC	TYPICAL FACE NAIL
DOUBLED TOP PLATE	(8) - 16d COMMON	LAP SPLICE
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	(3) - 8d COMMON	TOE NAIL
RIM JOIST TO TOP PLATE	8d (2 1/2" x 0.131") @ 6" OC	TOE NAIL
TOP PLATES, LAPS AND INTERSECTIONS	(2) - 16d COMMON	FACE NAIL
CONTINUOUS HEADER, TWO PIECES	16d COMMON @ 16" OC	ALONG EDGE
CEILING JOISTS TO PLATE	(3) - 8d COMMON	TOE NAIL
CONTINUOUS HEADER TO STUD	(4) - 8d COMMON	TOE NAIL
CEILING JOISTS, LAPS OVER PARTITIONS	(3) - 16d COMMON	FACE NAIL (SEE TABLE 2308.10.4.1)
CEILING JOISTS TO PARALLEL RAFTERS	(3) - 16d COMMON	FACE NAIL (SEE TABLE 2308.10.4.1)
RAFTER TO PLATE	(3) - 8d COMMON	TOE NAIL
1" DIAGONAL BRACE TO EACH STUD AND PLATE	(2) - 8d COMMON	FACE NAIL
1" X 8" SHEATHING TO EACH BEARING	(3) - 8d COMMON	FACE NAIL
WIDER THAN 1" X 8" SHEATHING TO EACH BEARING	(3) - 8d COMMON	FACE NAIL
BUILT-UP CORNER STUDS	16d COMMON @ 24" OC	FACE NAIL
BUILT-UP GIRDER AND BEAMS	20d COMMON @ 32" OC	FACE NAIL AT TOP AND BOT STAGGERED ON OPPOSITE SIDES
	(2) - 20d COMMON	FACE NAIL AT ENDS AND AT EACH SPLICE
2" PLANKS	16d COMMON	AT EACH BEARING
COLLAR TIE TO RAFTER	(3) - 10d COMMON	FACE NAIL
JACK RAFTER TO HIP	(3) - 10d COMMON	TOE NAIL
	(2) - 16d COMMON	FACE NAIL
ROOF RAFTER TO 2-BY RIDGE BEAM	(2) - 16d COMMON	FACE OR TOE NAIL
JOIST TO BAND JOIST	(3) - 16d COMMON	FACE NAIL

NOTES:
1. USE NAILING SHOWN UNLESS NOTED OTHERWISE ELSEWHERE IN THESE DRAWINGS.
2. WHERE NAILING SHOWN DIFFERS FROM OTHER NAILING REQUIREMENTS IN THESE DRAWINGS OR NAILING REQUIREMENTS IN THE BUILDING CODE, USE MORE STRINGENT REQUIREMENT.

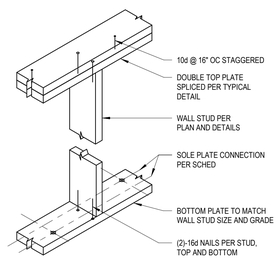
12 TYP WOOD COLUMN PENETRATION DETAIL
1" = 1'-0"



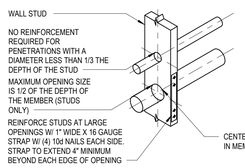
13 TYPICAL VENTED BLOCKING DETAIL
3/4" = 1'-0"



18 TYPICAL GABLE BRACE (<4'-0")
1" = 1'-0"



19 TYP MULTI-STORY STRUCTURAL FRAMING
1" = 1'-0"



21 TYPICAL NAILING SCHEDULE
3/4" = 1'-0"

22 TYPICAL GABLE BRACE (H>4'-0")
3/4" = 1'-0"

23 TYPICAL WOOD WALL STUD ANCHORAGE
1" = 1'-0"

24 TYPICAL WALL STUD PENETRATION
1" = 1'-0"

TIME / DATE: 4/3/2020 11:52:01 AM

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CONTRACT:

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415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do NOT scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

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project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

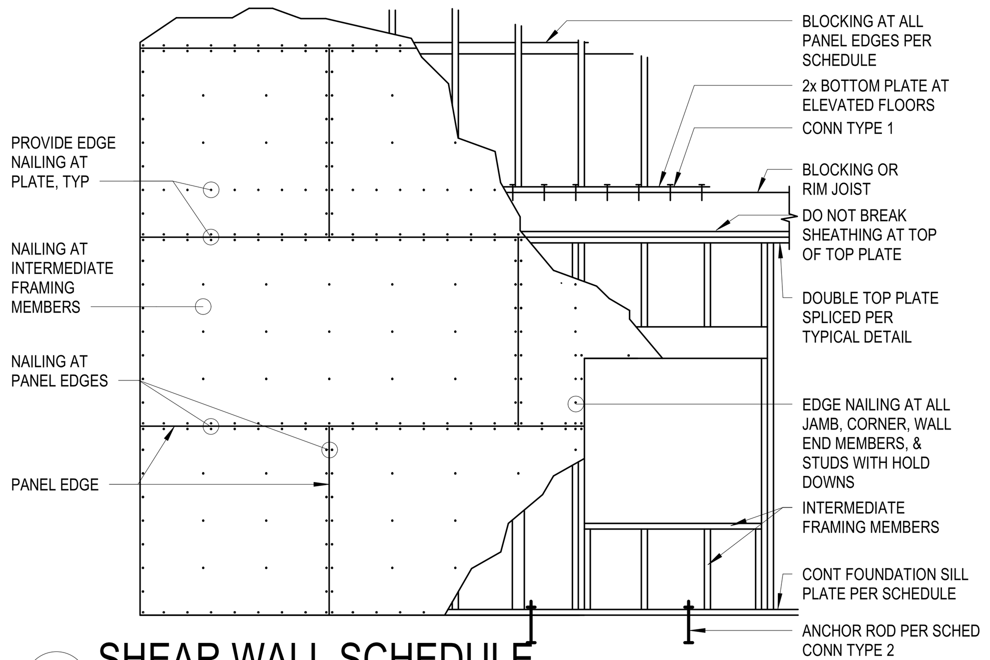
No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:
WOOD TYPICAL DETAILS

DRAWING NO:
S005

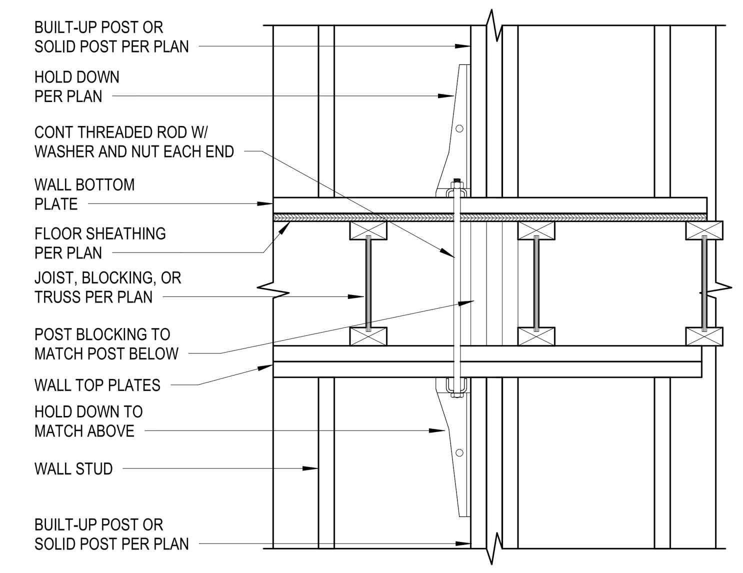


SHEAR WALL TYPE SCHEDULE							
	FRAMING REQUIREMENTS		NAILING REQUIREMENTS		WALL BOTTOM PLATE CONNECTION		
SHEAR WALL TYPE	SHEATHING (NOTES 1,2)	FDN SILL PLATE, WALL STUDS OCCURRING AT ABUTTING PANEL EDGES, & BLOCKING (NOTES 3,4,5)	PANEL EDGES	INTERMEDIATE FRAMING MEMBERS	SILL TO WOOD FRAMING BELOW	SILL TO CONCRETE BELOW (NOTE 6)	CAPACITY (PLF)
SW6	7/16" SHEATHING 1 SIDE	2x	8d @ 6" OC	8d @ 12" OC	16d @ 6" OC	5/8" Ø x 7" EMBED AB @ 32" OC W/ SIMPSON LBPS 5/8 PLATE WASHERS	336
GSW7	5/8" GYP WALL BOARD 1 SIDE	2x	6d @ 7" OC	6d @ 7" OC	16d @ 8" OC	5/8" Ø x 7" EMBED AB @ 48" OC	115
GSW77	5/8" GYP WALL BOARD 2 SIDES	2x	6d @ 7" OC	6d @ 7" OC	16d @ 8" OC	5/8" Ø x 7" EMBED AB @ 48" OC	230

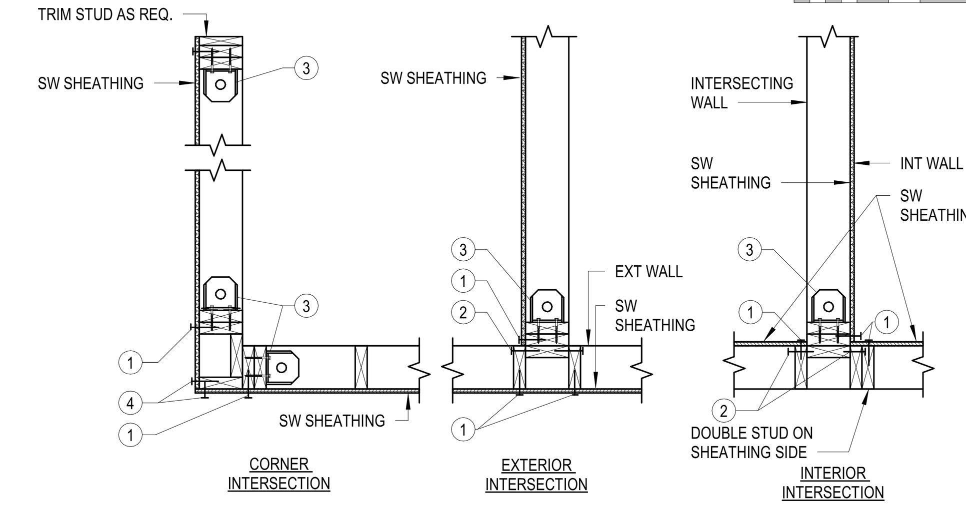
NOTES:
1. SHEATHING TO BE APPLIED WITH THE LONG PANEL DIMENSION PERPENDICULAR TO WALL STUDS.
2. PANEL JOINTS ON OPPOSITE SIDES OF THE WALL SHALL NOT OCCUR AT THE SAME FRAMING MEMBER.
3. WALL STUDS NOT OCCURING AT ABUTTING PANEL EDGES MAY BE 2x.
4. STAGGER NAILS AT ABUTTING PANEL EDGES.
5. INSTALL BLOCKING AT PANEL EDGES NOT OCCURRING AT STUDS OR PLATES.
6. ANCHOR BOLTS SHALL BE ADHESIVE ANCHORS OR CAST-IN-PLACE. EMBEDMENT SHALL BE MEASURED TO THE TOP SIDE OF THE EMBEDDED NUT. LOCATE ANCHOR BOLTS WITHIN 8" OF ENDS OF WALLS.
7. DO NOT OVER DRIVE NAILS. REFER TO GENERAL NOTES.
8. PROVIDE FULL HEIGHT POSTS (QUANTITY TO MATCH END POSTS PER HOLD DOWN SCHEDULE) EA SIDE OF OPENINGS WITHIN SHEAR WALLS. USE GREATER OF END POST STUDS OR KING STUDS ON EA SIDE OF EA OPENING WITHIN ALL SHEAR WALLS.

SW-#
DENOTES SHEAR WALL MARK PER SCHEDULE
DENOTES SHEAR WALL PER SCHEDULE ABOVE

1 SHEAR WALL SCHEDULE
3/4" = 1'-0"



4 FLR-FLR SHEARWALL HOLDDOWN
1" = 1'-0"

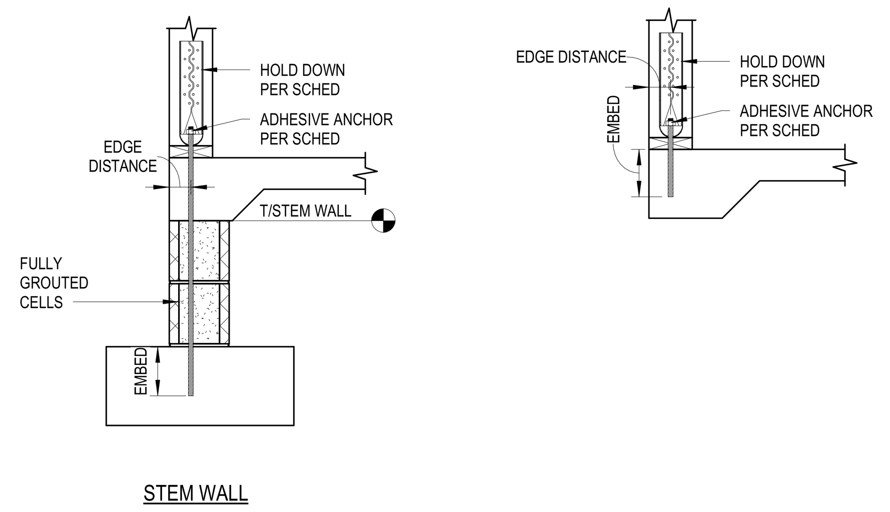


1. SHEATHING PANEL EDGE NAILING PER SHEAR WALL SCHEDULE
2. NAILING TO MATCH SHEAR WALL SCHEDULE SPACING
3. HOLD DOWN AND END POST STUDS PER SHEARWALL SCHEDULE AND PLANS.
4. NAIL SHEATHING TO TRIM STUDS W/ 8d NAILS 2 12" O.C., TYP.

5 TYPICAL WALL INTERSECTION
3/4" = 1'-0"

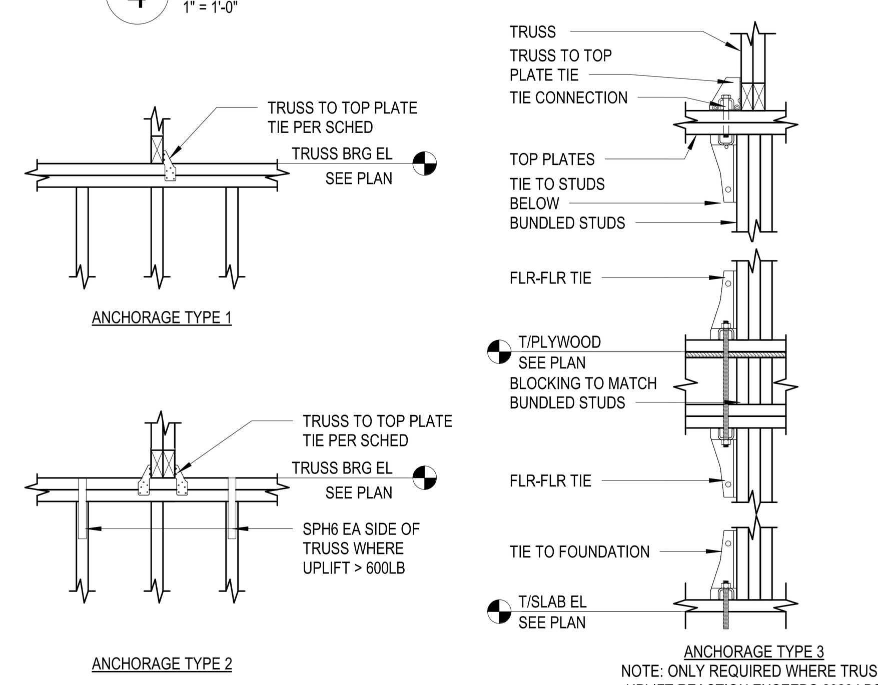
HOLD DOWN SCHEDULE, ANCHOR BOLT TYPES AND INSTALLATION CRITERIA							
HOLD DOWN MARK		WOOD POST AND CONNECTION		HOLD DOWN CAPACITY	ANCHOR SIZE	ADHESIVE ANCHOR TO FND	
MARK	HOLD DOWN TYPE	HOLD DOWN WOOD POST (5)	WOOD FASTENERS	DESIGN FORCE	DIAMETER (IN)	EMBED (IN)	EDGE DISTANCE (IN)
A	HDU2-SDS2.5	(2) 2x	6-SDS 1/4x2.5	2,215	5/8	5	2-3/4
B	HDU4-SDS2.5	(2) 2x	10-SDS 1/4x2.5	3,285	5/8	7	2-3/4
C	HDU5-SDS2.5	(3) 2x	14-SDS 1/4x2.5	4,065	5/8	9	2-3/4

NOTES:
1. INSTALL HOLD DOWNS PER MANUFACTURER'S SPECIFICATIONS AND ICC REPORTS. INFORMATION TAKEN FR0M THE SIMPSON C-2015 CATALOG.
2. THE CONTRACTOR SHALL MATCH THE WIDTH OF THE STUD WALLS SHOWN ON THE ARCH DRAWINGS. MULTIPLE STUDS SHALL BE NAILED TOGETHER PER TYPICAL BUNDLED STUD SCHEDULE.
3. SEE SHEAR WALL SCHEDULE DETAIL FOR SHEATHING EDGE NAILING REQUIREMENTS AT HOLD DOWN POSTS.
4. THIS SCHEDULE ASSUMES 3,000 PSI CONCRETE OR BETTER.
5. HOLD DOWN WOOD POSTS ABOVE ARE MINIMUM. SEE PLAN FOR ADDITIONAL POSTS.
6. END POSTS ARE TO BE FULL HEIGHT AND MAY REPLACE IN ADDITION TO KING STUDS REQUIRED PER TYPICAL DETAILS.
7. ANCHORAGE INTO MASONRY WALLS MUST BE LOCATED IN FULLY GROUTED CELLS. ALL HOLDDOWN ANCHORAGE MUST BE EMBEDDED THROUGH CMU INTO FTG BELOW.

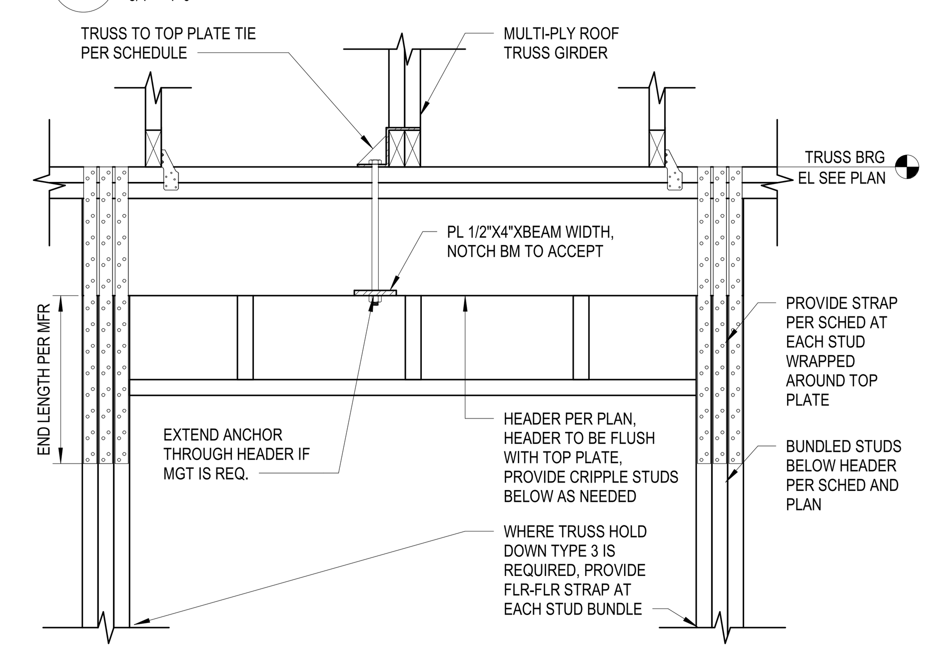


ROOF TRUSS FASTENER SCHEDULE												
UPLIFT	MIN BUNDLED STUDS BELOW BEARING	MIN # OF TRUSS PLIES	TRUSS TO TOP PLATE TIE	TRUSS ANCHORAGE TYPE	TIE TO STUDS BELOW	FLR-FLR TIE	# FLOORS REQ'D (NOTE 8)	TIE TO FOUNDATION	FASTENERS TO TRUSS	FASTENERS TO WALL TOP PLATES	FASTENERS TO STUDS BELOW	FOUNDATION ANCHOR (NOTE 7)
<600#	NOT REQ'D	1	H2.5A	1	NOT REQ'D	NOT REQ'D	0	NOT REQ'D	(5) - 8d	(5) - 8d	NOT REQ'D	NOT REQ'D
<1200#	NOT REQ'D	1	(2)-H2.5A (NOTE 2)	2	SPH6 EACH SIDE OF BRG	NOT REQ'D	0	NOT REQ'D	(10) - 8d	(10) - 8d	NOT REQ'D	NOT REQ'D
<1340#	NOT REQ'D	1	H10A	2	SPH6 EACH SIDE OF BRG	NOT REQ'D	0	NOT REQ'D	(9) - 10d X 1 1/2"	(9) - 10d X 1 1/2"	NOT REQ'D	NOT REQ'D
<2020#	2	2	(2)-H10S (NOTE 2)	3	TIE SPECIFIED CONNECTS	HDU2-SDS2.5 (T&B)	1	HDU2-SDS2.5	(8)-8d X 1 1/2" PER TIE	(8)-8d X 1 1/2" PER TIE	(8) - 8d PER TIE	(1) - 5/8" Ø X 8" EMBED
<3965#	2	2	MGT	3	HDU4-SDS2.5	HDU4-SDS2.5 (T&B)	2	HDU4-SDS2.5	(22)-10d	(1) - 5/8" Ø BOLT (NOTE 3)	(10) - SDS 1/4" x 2 1/2"	(1) - 5/8" Ø X 8" EMBED
<4940#	2	2	VGT	3	HDU5-SDS2.5	HDU5-SDS2.5 (T&B)	2	HDU5-SDS2.5	(16)-SDS 1/4" x 3"	(1) - 5/8" Ø BOLT (NOTE 3)	(14) - SDS 1/4" x 2 1/2"	(1) - 5/8" Ø X 8" EMBED
<9250#	3	2	HGT (NOTE 1)	3	(2) HDU5-SDS2.5	(2) HDU5-SDS2.5 (T&B)	2	(2) HDU5-SDS2.5	(16)-10d	(2) - 5/8" Ø BOLTS (NOTE 3)	(14) - SDS 1/4" x 2 1/2" PER TIE	(2) - 5/8" Ø X 8" EMBED

NOTES:
1. PROVIDE APPLICABLE HGT FASTENER ACCORDING TO NUMBER OF TRUSS PLIES AND STAGGER HDU-5 HOLD DOWNS TO AVOID SCREW INTERFERENCE ON EACH SIDE OF BUNDLED STUD POST.
2. WHERE TWO FASTENERS ARE CALLED FOR, INSTALL ONE ON EACH SIDE OF WALL TOP PLATES.
3. BOLTS CONNECT TIE ABOVE PLATES TO TIE BELOW PLATES. USE SPECIFIED BOLT TO CONNECT FLR-FLR TIES.
4. ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE. STRUCTURAL CONNECTORS WITH EQUIVALENT OR GREATER LOAD CAPACITIES MAY BE USED AT CONTRACTORS OPTION. ALTERNATE CONNECTORS MUST BE SUBMITTED TO EOR FOR APPROVAL.
5. SCREW & NAIL SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG.
6. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS AND CALCULATIONS.
7. ANCHORS TO FOUNDATION TO BE HILTI HY200 ADHESIVE ANCHORS WITH HILTI HAS-E RODS. WHERE DISTANCE FROM BOLT CENTERLINE TO EDGE OF CONCRETE IS LESS THAN 3 1/8" EMBEDMENT SHALL BE INTO THE FOOTING BELOW. AT LOCATIONS WITH AN ANCHOR ON EACH SIDE OF THE BUNDLED STUDS, THE EMBEDMENT SHALL BE INTO THE FOOTING BELOW.
8. FLR-FLR STRAPS SHALL BE UTILIZED ACROSS THE NUMBER OF FLOORS INDICATED. WHERE THE NUMBER OF FLOORS INDICATED EXCEEDS THE HEIGHT OF THE BUILDING, ANCHOR TO THE FOUNDATION PER THE SCHEDULE. WHERE THE BUILDING HEIGHT EXCEEDS THE NUMBER OF FLOORS INDICATED, THE FLR-FLR STRAPS MAY TO TERMINATED AFTER THE NUMBER OF FLOORS INDICATED IS SURPASSED, AND THE FOUNDATION ANCHOR MAY BE ELIMINATED.



7 ROOF TRUSS FASTENER SCHEDULE
3/4" = 1'-0"

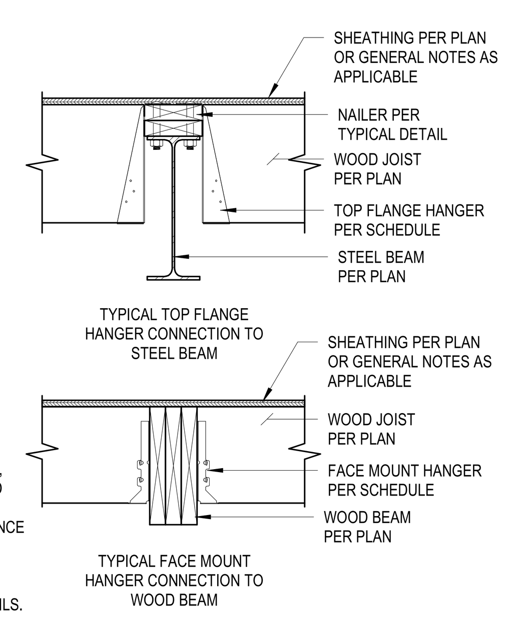


10 TRUSS HOLD DOWN AT HEADER
1" = 1'-0"

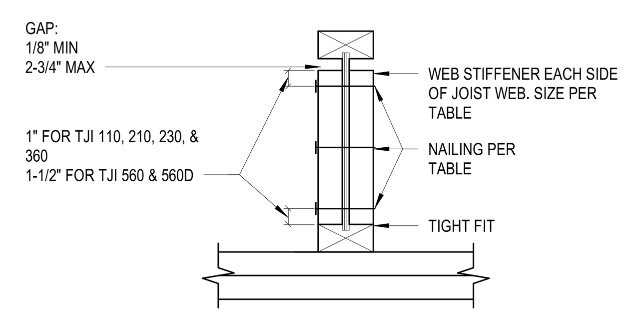
11 HOLD DOWN SCHEDULE
3/4" = 1'-0"

SOLID SAWN WOOD JOIST HANGER SCHEDULE		
LOCATION	JOIST SIZE	HANGER
WOOD JOIST TO STEEL BEAM: TOP FLANGE HANGERS	2X6 (2)-2X6 2X8 (2)-2X8 2X10 (2)-2X10 2X12 (2)-2X12 (3)-2X12	LB26 HUS26-2TF LB28 HUS28-2TF LB210AZ HUS210-2TF LB212AZ HUS212-2TF HU212-3TF
WOOD JOIST TO WOOD GIRDER: FACEMOUNT HANGERS	2X6 (2)-2X6 2X8 (2)-2X8 2X10 (2)-2X10 2X12 (2)-2X12 (3)-2X12	LUS26 LUS26-2 LUS28 LUS28-2 LUS210 LUS210-2 LUS210 LUS210-2 LUS210-3

NOTES:
1. ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE, UNO. OTHER MANUFACTURERS MAY BE SUBSTITUTED THAT HAVE EQUAL OR GREATER CAPACITY.
2. FASTENER SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. FASTEN FOR HIGHEST LOAD CAPACITY GIVEN IN CATALOG.
3. USE FASTENERS SHOWN IN SCHEDULE WHERE CONNECTION IS NOT SPECIFIED ON PLAN OR IN DETAILS.



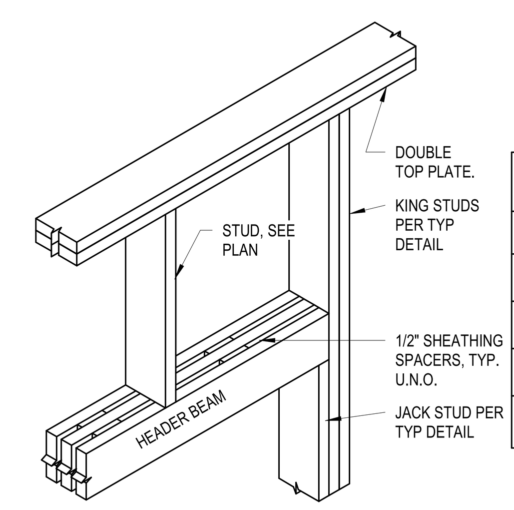
12 TYP SOLID SAWN JOIST HANGER SCHEDULE
1" = 1'-0"



TJI MODEL	DEPTH (INCHES)	MINIMUM WEB STIFFENER SIZE	NAIL TYPE	# OF END NAILS	# OF INT NAILS
110	ALL	5/8" X 2-5/16" (1)	8d (0.113"x2-1/2")	3	3
210	ALL	3/4" X 2-5/16" (1)			
230, 360	ALL	7/8" X 2-5/16" (1)			
560	ALL	2X4 (2)	16d (0.135"x3-1/2")	3	3
560D	18"	2X4 (2)	16d (0.135"x3-1/2")	4	4
	20"			5	5
	22" (3)			6	11
	24" (3)			6	13

NOTES:
1. PS1 OR PS2 SHEATHING, FACE GRAIN VERTICAL
2. CONSTRUCTION GRADE OR BETTER
3. WEB STIFFENERS ARE ALWAYS REQUIRED FOR 22" AND 24" TJI-560D JOISTS

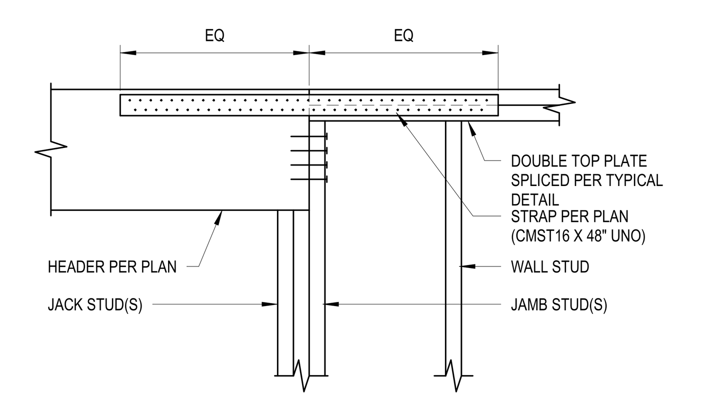
13 TYPICAL TJI WEB STIFFENER DETAIL
1 1/2" = 1'-0"



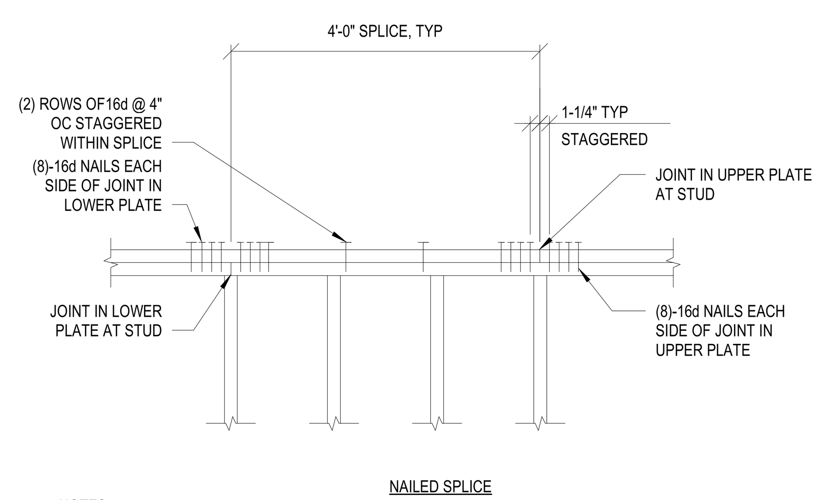
HEADER SCHEDULE		
OPENING WIDTH	HEADER SIZE IN 2X6 WALL	HEADER SIZE IN 2X4 WALL
UP TO 4'-0"	(3) 2x8	(2) 2x10
4'-0" TO 6'-0"	(3) 2x10	(2) 2x12
6'-0" TO 8'-0"	(3) 2x12	N/A
8'-0" TO 11'-0"	(3) 1 3/4"x 11 1/4" LVL	N/A

NOTES:
1. ALL HEADERS SHALL BE #1 SYP WOOD UNO

14 HEADER SCHEDULE
3/4" = 1'-0"

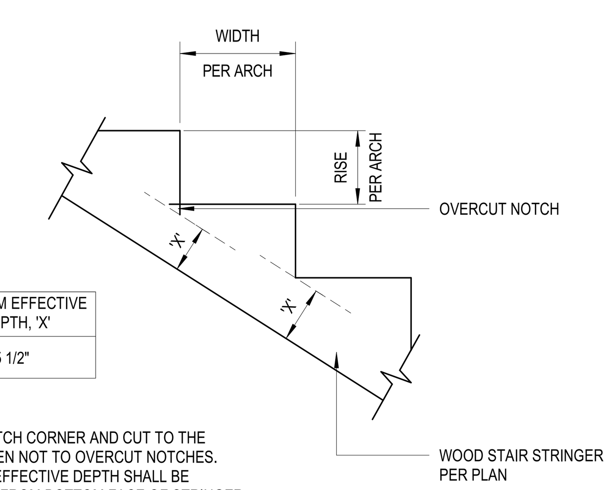


15 TYPICAL HEADER/PLATE SPLICE
1" = 1'-0"



NOTES:
1. PROVIDE CONT TOP PLATES (NO JOINTS) WHERE WALLS ARE 12'-0" OR LESS IN LENGTH.

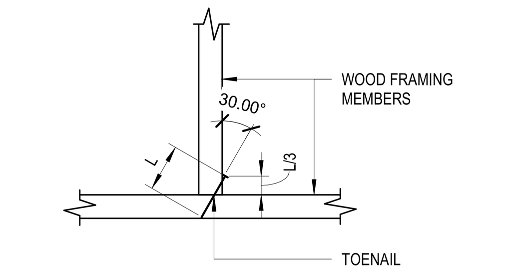
16 TYPICAL TOP PLATE SPLICE
3/4" = 1'-0"



WOOD STRINGER SIZE	MINIMUM EFFECTIVE DEPTH, 'X'
2X12	5 1/2"

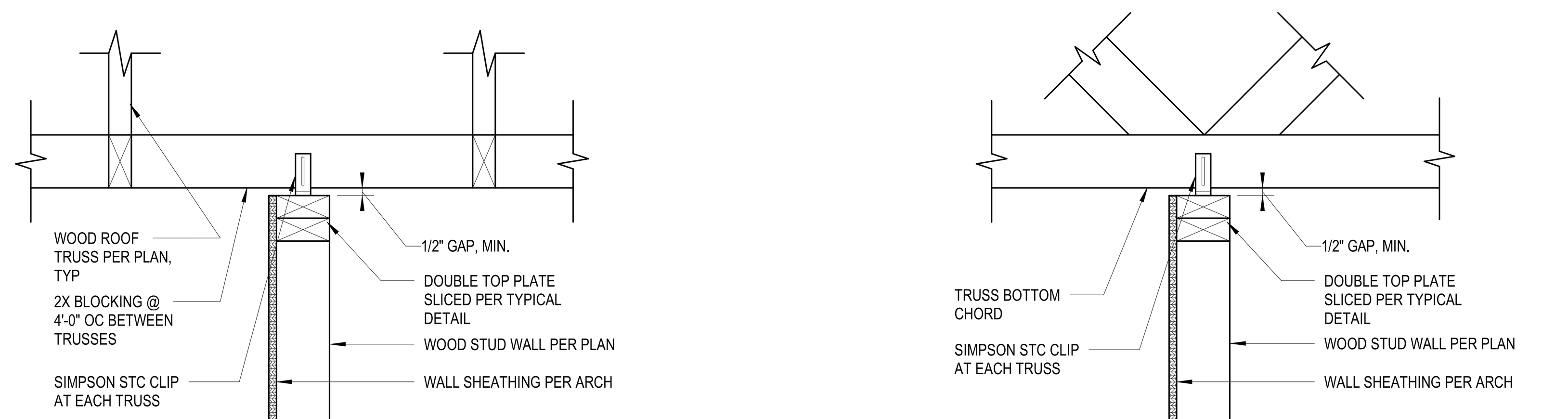
NOTES:
1. DRILL 1/4" HOLE AT EACH NOTCH CORNER AND CUT TO THE HOLE. CARE SHOULD BE TAKEN NOT TO OVERCUT NOTCHES.
2. IF NOTCHES ARE OVERCUT, EFFECTIVE DEPTH SHALL BE MEASURED PERPENDICULAR FROM BOTTOM FACE OF STRINGER TO EDGE OF NOTCH. WHERE MINIMUM EFFECTIVE DEPTH LISTED IS NOT OBTAINED, STRINGER SHALL BE REPLACED.

17 TYPICAL CUT WOOD STRINGER
1" = 1'-0"

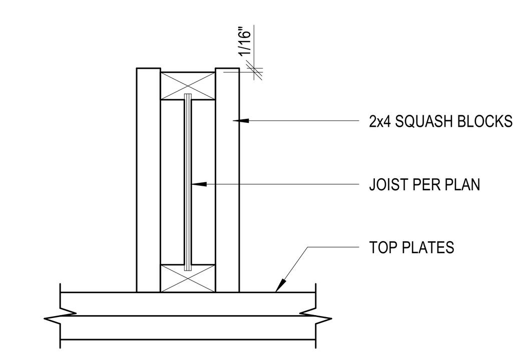


NOTES:
1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF APPROXIMATELY 30 DEGREES WITH THE MEMBER AND STARTED APPROXIMATELY 1/3 THE LENGTH OF THE NAIL FROM THE MEMBER END.

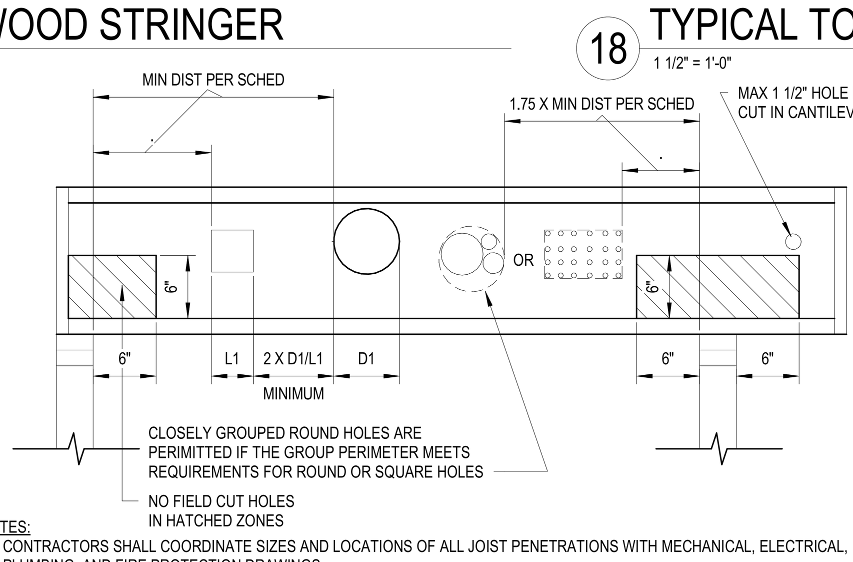
18 TYPICAL TOE-NAIL CONNECTION
1 1/2" = 1'-0"



19 TYP INTERIOR WALL BRACING DETAIL - NON-LOAD BRG WALLS
1 1/2" = 1'-0"



21 TYPICAL TJI SQUASH BLOCK
1 1/2" = 1'-0"



NOTES:
1. CONTRACTORS SHALL COORDINATE SIZES AND LOCATIONS OF ALL JOIST PENETRATIONS WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS.
2. DIMENSIONS PROVIDED ARE MINIMUM DISTANCES FROM EDGE OF HOLE TO SUPPORT.
3. HOLES MAY BE LOCATED VERTICALLY ANYWHERE WITHIN THE WEB. LEAVE 1/8" OF WEB MINIMUM AT TOP AND BOTTOM OF HOLE.
4. NO CUTTING MAY OCCUR IN TOP OR BOTTOM FLANGE.
5. REQUIRED OPENINGS NOT MEETING ABOVE CRITERIA SHALL BE SUBMITTED TO ENGINEER FOR REINFORCING DESIGN.

DEPTH	TJI	ROUND HOLE SIZE 2"	3"	4"	5"	6 1/2"	7"	8 7/8"	11"	13"
9 1/2"	110	1'-0"	1'-6"	2'-0"	3'-0"	5'-0"				
	210	1'-0"	1'-6"	2'-6"	3'-0"	5'-6"				
	230	1'-6"	2'-0"	2'-6"	3'-6"	5'-6"				
11 7/8"	110	1'-0"	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	5'-6"		
	210	1'-0"	1'-6"	2'-0"	2'-0"	3'-0"	3'-6"	6'-0"		
	230	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	6'-6"		
	360	1'-6"	2'-0"	3'-0"	3'-6"	4'-6"	5'-0"	7'-0"		
	560	1'-6"	2'-6"	3'-0"	4'-0"	5'-6"	6'-0"	8'-0"		
14"	110	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	3'-0"	5'-6"	
	210	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	2'-6"	3'-6"	6'-0"	
	230	1'-0"	1'-0"	1'-0"	1'-6"	2'-6"	2'-6"	4'-0"	7'-0"	
	360	1'-0"	1'-0"	1'-6"	2'-6"	3'-6"	4'-0"	5'-6"	8'-0"	
	560	1'-0"	1'-0"	2'-0"	3'-0"	4'-6"	5'-0"	6'-6"	9'-0"	
16	210	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	2'-6"	3'-6"	6'-0"
	230	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	1'-6"	3'-0"	4'-0"	7'-0"
	360	1'-0"	1'-0"	1'-0"	1'-0"	2'-6"	2'-6"	4'-6"	6'-6"	9'-0"
	560	1'-0"	1'-0"	1'-0"	1'-0"	2'-6"	3'-0"	5'-0"	7'-6"	10'-0"

DEPTH	TJI	SQUARE OR RECTANGULAR HOLE SIZE 2"	3"	4"	5"	6 1/2"	7"	8 7/8"	11"	13"
9 1/2"	110	1'-0"	1'-6"	2'-6"	3'-6"	4'-6"				
	210	1'-0"	2'-0"	2'-6"	4'-0"	5'-0"				
	230	1'-0"	2'-0"	3'-0"	4'-6"	5'-0"				
11 7/8"	110	1'-0"	1'-6"	2'-0"	2'-6"	4'-6"	5'-0"	6'-0"		
	210	1'-0"	1'-6"	2'-6"	3'-0"	5'-0"	5'-6"	6'-6"		
	230	1'-0"	2'-0"	2'-6"	3'-6"	5'-6"	5'-6"	7'-0"		
	360	1'-6"	2'-6"	3'-6"	4'-6"	6'-6"	6'-6"	7'-6"		
	560	2'-6"	3'-6"	4'-6"	5'-6"	7'-0"	7'-6"	8'-0"		
14"	110	1'-0"	1'-0"	1'-6"	2'-0"	3'-6"	4'-0"	6'-0"	8'-0"	
	210	1'-0"	1'-0"	2'-0"	2'-6"	4'-0"	4'-6"	6'-6"	8'-6"	
	230	1'-0"	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	7'-0"	9'-0"	
	360	1'-0"	1'-6"	2'-6"	4'-0"	6'-0"	6'-6"	8'-0"	9'-6"	
	560	1'-6"	3'-0"	4'-0"	5'-0"	7'-0"	7'-6"	9'-0"	10'-0"	
16	210	1'-0"	1'-0"	1'-0"	2'-0"	3'-0"	3'-6"	6'-6"	8'-0"	11'-0"
	230	1'-0"	1'-0"	1'-0"	2'-0"	3'-6"	4'-0"	7'-0"	9'-0"	11'-0"
	360	1'-0"	1'-0"	1'-6"	3'-0"	5'-0"	5'-6"	9'-0"	10'-0"	11'-6"
	560	1'-0"	2'-0"	3'-0"	4'-6"	6'-6"	7'-0"	10'-0"	11'-0"	12'-0"

22 TYPICAL TJI JOIST PENETRATION DETAIL
1" = 1'-0"

BINDING EDGE
BINDING EDGE
BINDING EDGE

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PROJECT INFORMATION
CONTRACT:

OAKLAND COURT DEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
☐ SCHEMATIC DESIGN
☐ DESIGN DEVELOPMENT
☐ REDI-CHECK
☑ CONSTRUCTION DOCUMENTS
☐ CONSTRUCTION BIDDING PHASE
☐ CONSTRUCTION ADMINISTRATION

SEAL:
GEOFFREY GOODMILLER
REGISTERED ENGINEER
AGRICULTURE COMMERCE
No. 119715
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION
HAINES
STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-115

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

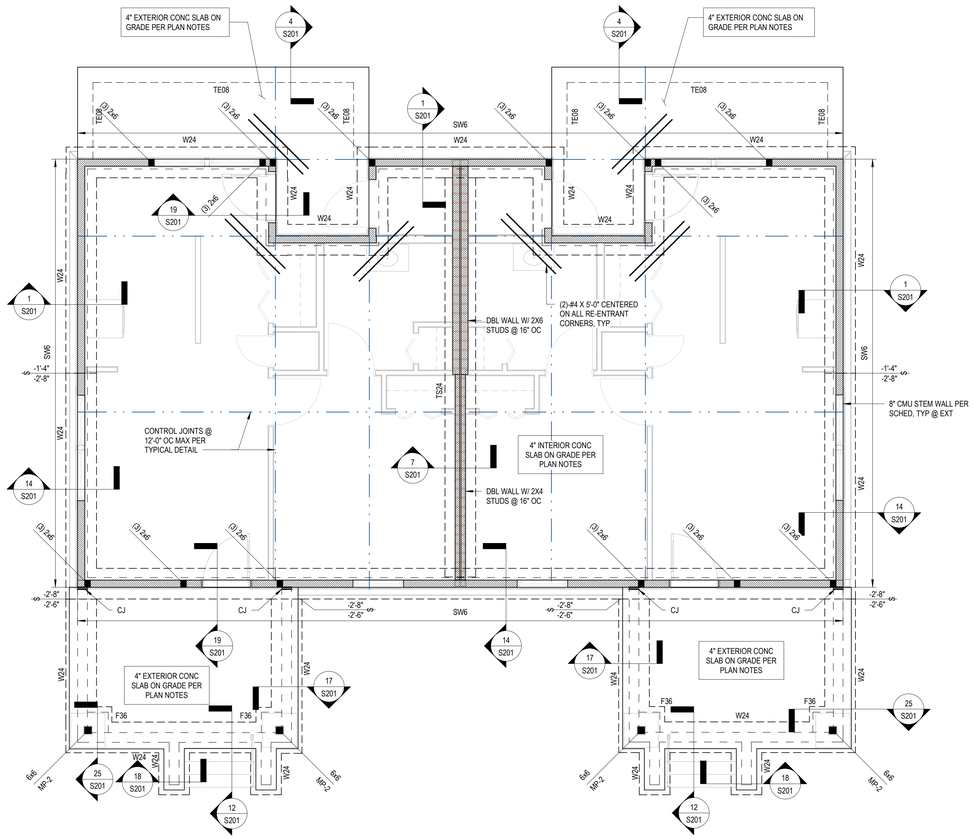
No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

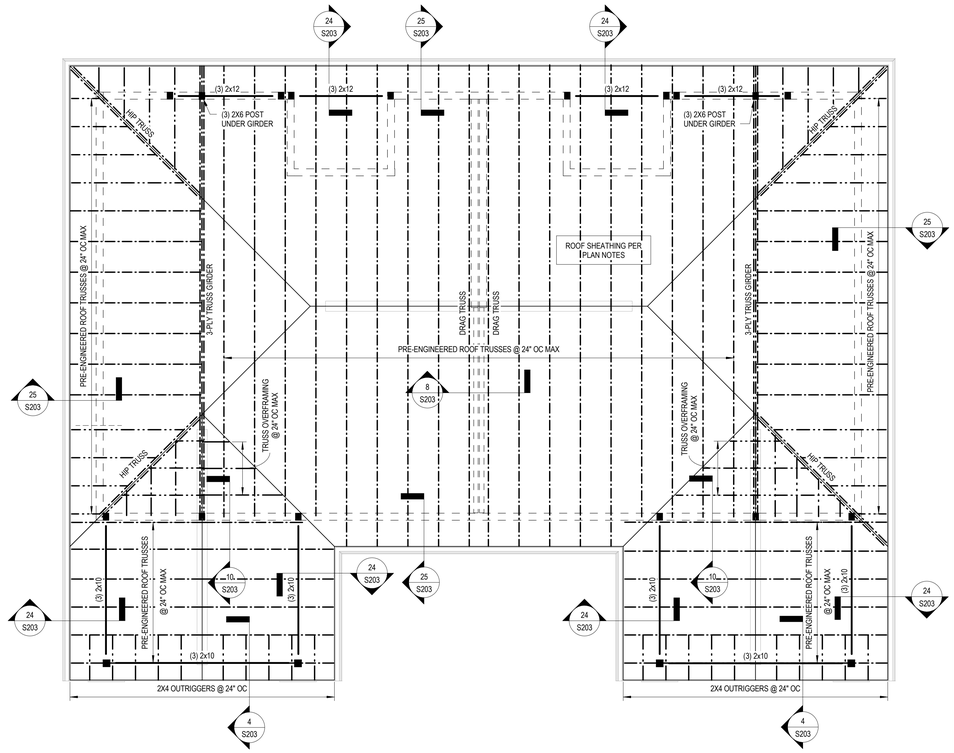
DRAWING TITLE:
WOOD TYPICAL DETAILS

DRAWING NO:
S006



1 BED DUPLEX - CRAFTSMAN FOUNDATION PLAN

1/4" = 1'-0"



1 BED DUPLEX - CRAFTSMAN ROOF FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. 'I' EXTERIOR FOOTING ELEVATION = -1'-4", TYP. UNO.
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. 'FS6' INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. 'W24' INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. 'TS24' & 'TF24' INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. 'TE' DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. 'CJ' DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. 'SWI' AND 'GSWI' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPII' DENOTES MASONRY PIER PER TYPICAL DETAIL.

FOUNDATION PLAN NOTES

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

ROOF FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. TRUSS BRG EL = 9'-0 5/8"
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WINDOW AND DOOR HEADERS TO BE PER HEADER SCHED, UNO.
6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

BINDING EDGE

BINDING EDGE

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TIME / DATE: 6/3/2020 11:52:11 AM

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OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

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- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

GREGORY GOODWIN BEARDEN REGISTERED ENGINEER No. 119715 STATE OF TENNESSEE 6/4/2020

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

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DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

1 BED DUPLEX - CRAFTSMAN FOUNDATION & ROOF FRAMING PLAN

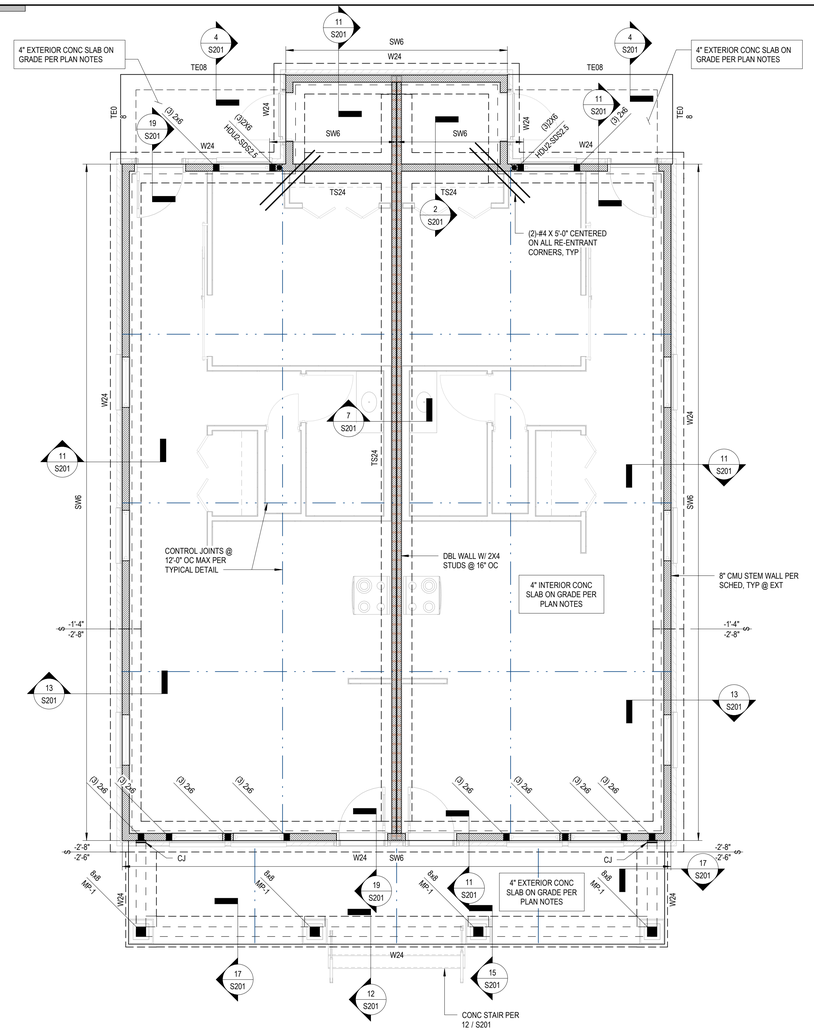
DRAWING NO:

S110

BINDING EDGE

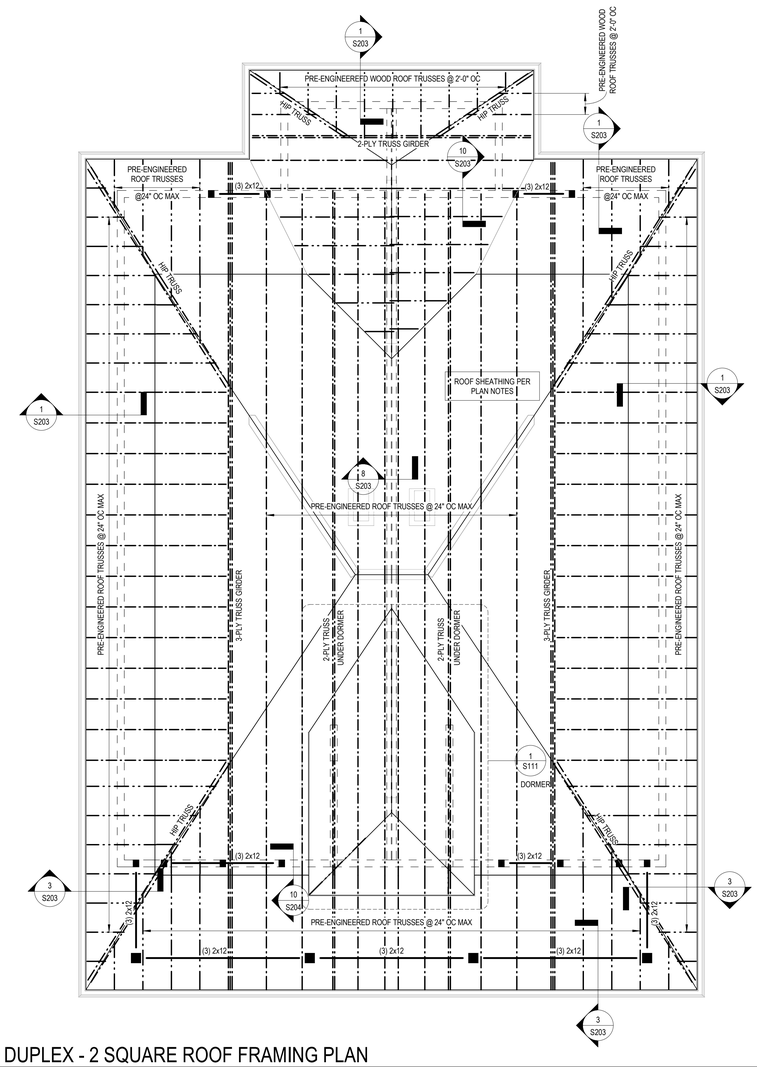
BINDING EDGE

BINDING EDGE



1 BED DUPLEX - 2 SQUARE FOUNDATION PLAN

1/4" = 1'-0"



1 BED DUPLEX - 2 SQUARE ROOF FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
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5. 'F60' INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. 'W24' INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. 'TS24' & 'TF24' INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. 'TE' DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
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11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. 'CJ' DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. 'SWW' AND 'GSWW' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPM' DENOTES MASONRY PIER PER TYPICAL DETAIL.

FOUNDATION PLAN NOTES

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

ROOF FRAMING PLAN NOTES:

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2. TRUSS BRG EL = 9'-0 5/8"
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
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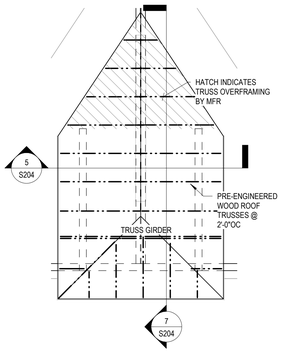
ROOF FRAMING PLAN NOTES



1 HIGH ROOF FRAMING PLAN

1/4" = 1'-0"

TIME / DATE: 6/3/2020 11:52:18 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003
550 W. MAIN STREET, SUITE 300
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EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
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INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

McCARTY GOODMAN REGISTERED ENGINEER No. 119715 STATE OF TENNESSEE 6/4/2020

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

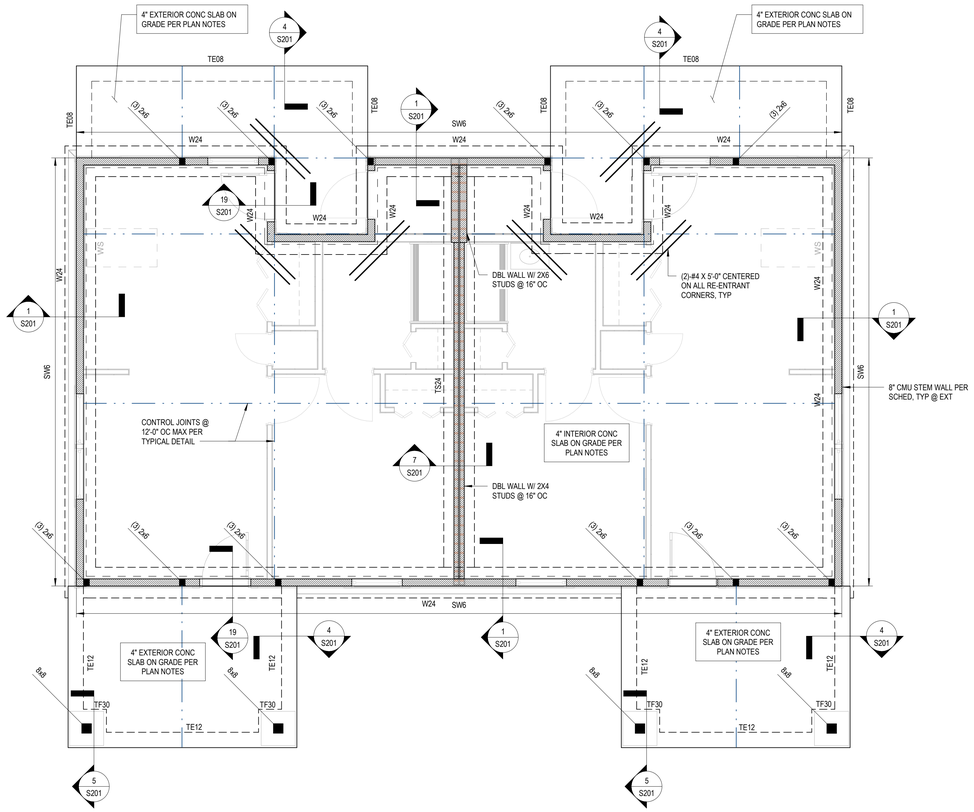
SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

1 BED DUPLEX - 4 SQUARE FOUNDATION & ROOF FRAMING PLAN

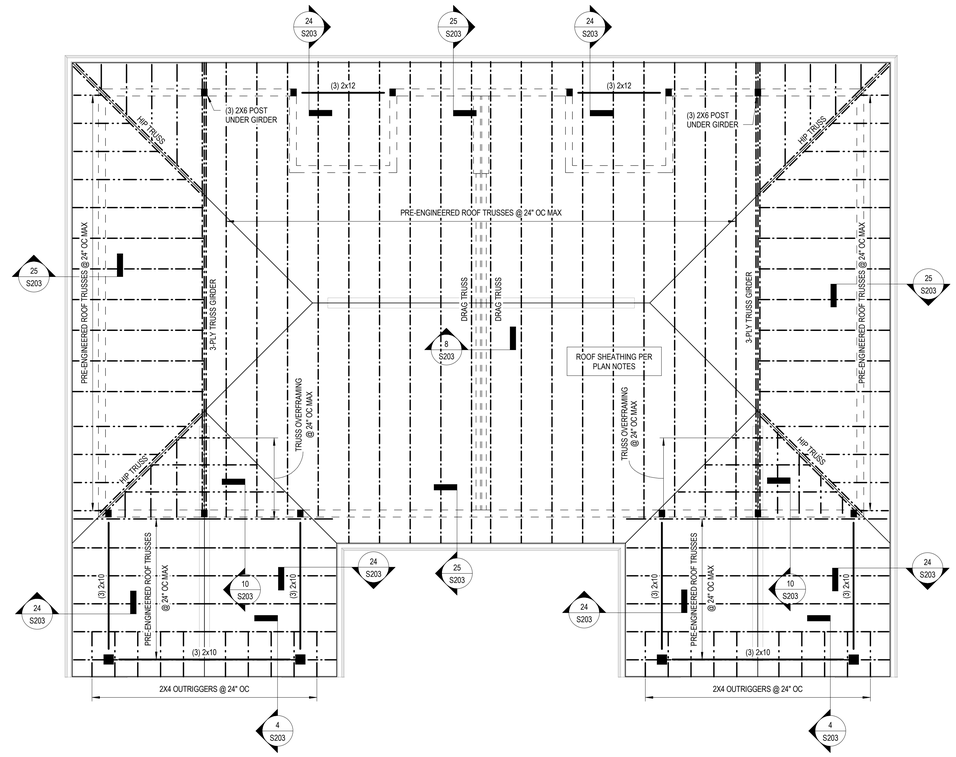
DRAWING NO: **S111**

BINDING EDGE



1 BED DUPLEX - UFAS - CRAFTSMAN FOUNDATION PLAN

1/4" = 1'-0"



1 BED DUPLEX - UFAS - CRAFTSMAN ROOF FRAMING PLAN

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BINDING EDGE

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FOUNDATION PLAN NOTES

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COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
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ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:52:23 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
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CONTRACT:

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415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

1 BED DUPLEX - CRAFTSMAN (UFAS) FOUNDATION & ROOF FRAMING PLAN

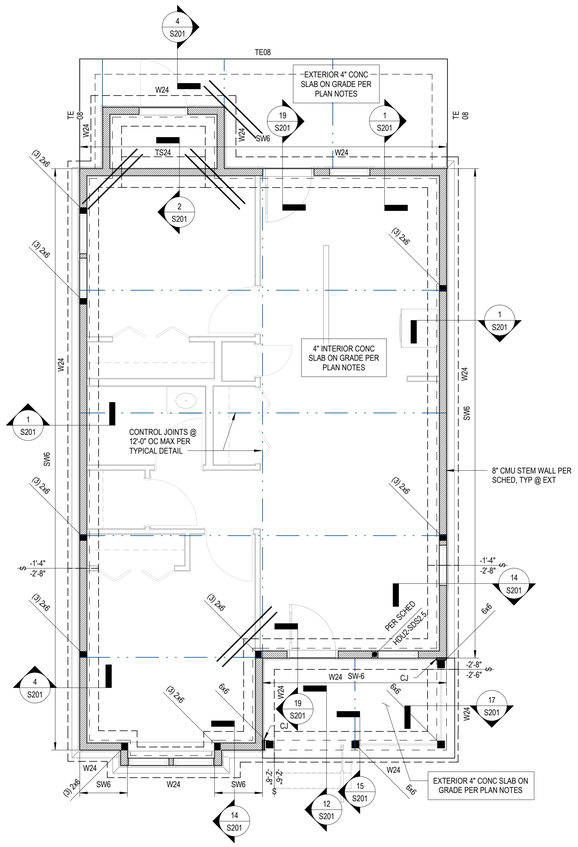
DRAWING NO:

S115

BINDING EDGE

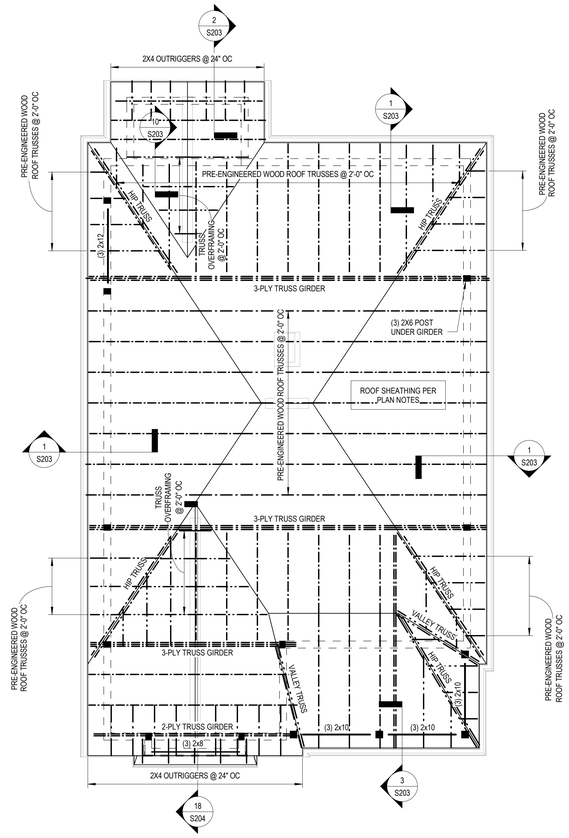
BINDING EDGE

BINDING EDGE



2 BED SINGLE - VICTORIAN FOUNDATION PLAN

1/4" = 1'-0"



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FOUNDATION PLAN NOTES

WALL FOOTING SCHEDULE

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COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
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TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
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ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:52:28 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19003

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
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PROJECT INFORMATION

CONTRACT:

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project no. 2019-113

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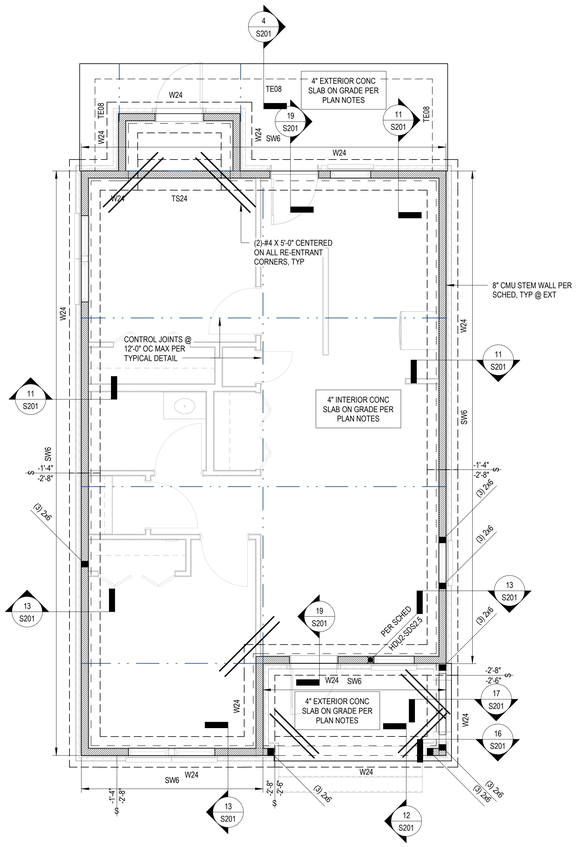
SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

2 BED SINGLE - VICTORIAN FOUNDATION & ROOF FRAMING PLAN

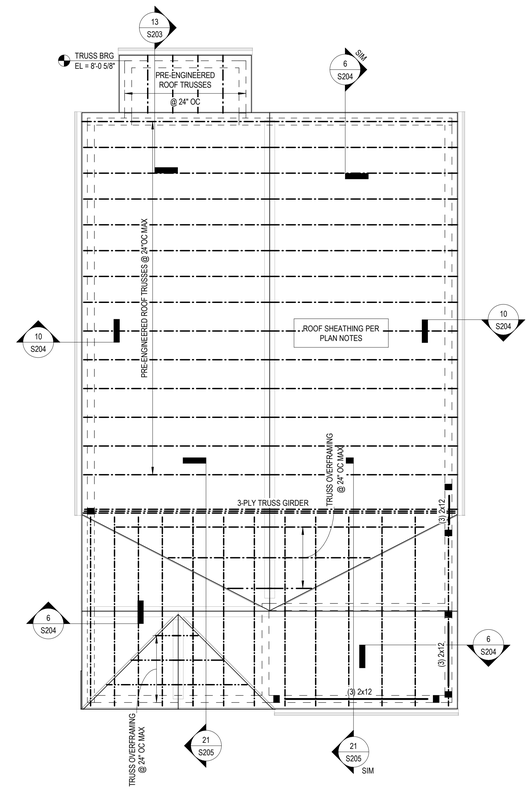
DRAWING NO:

S120



2 BED SINGLE - TUDOR FOUNDATION PLAN

1/4" = 1'-0"



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4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WINDOW AND DOOR HEADERS TO BE PER HEADER SCHED, UNO.
6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 11:52:33 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003

550 W. MAIN STREET, SUITE 300
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TELEPHONE: (865) 544-2000
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INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

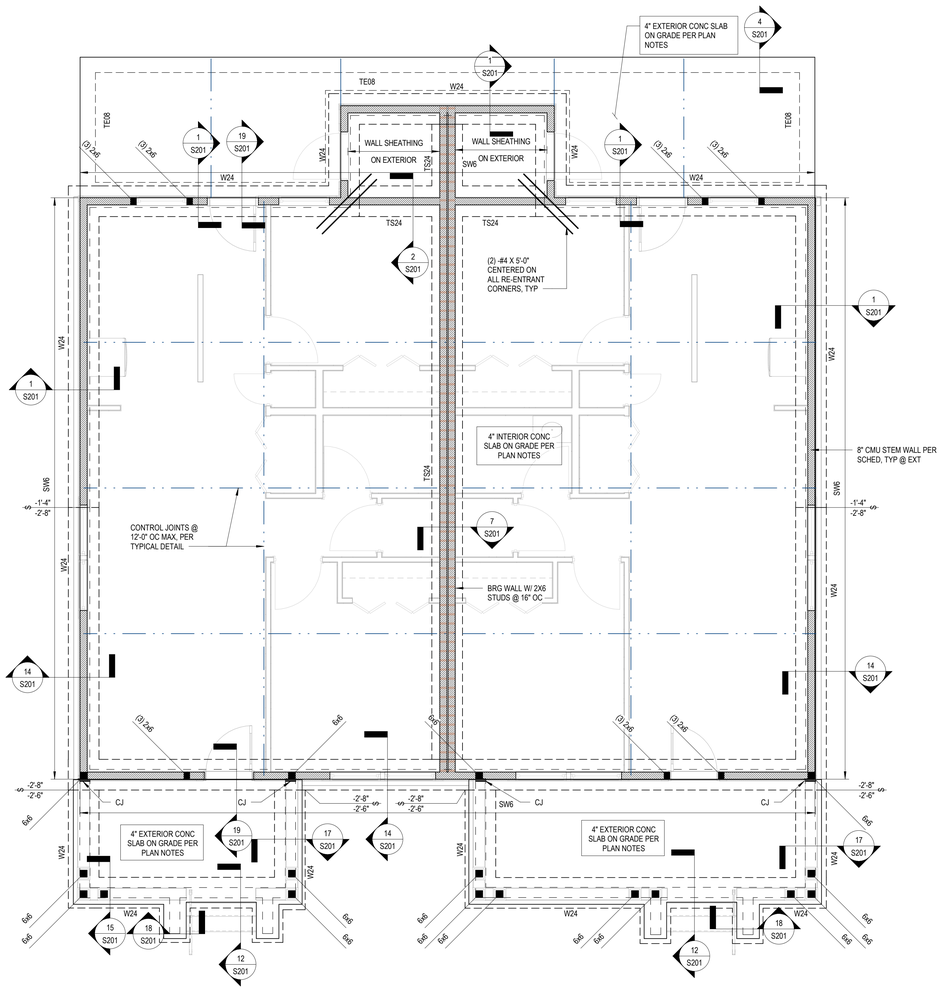
SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

2 BED SINGLE - TUDOR FOUNDATION & ROOF FRAMING PLAN

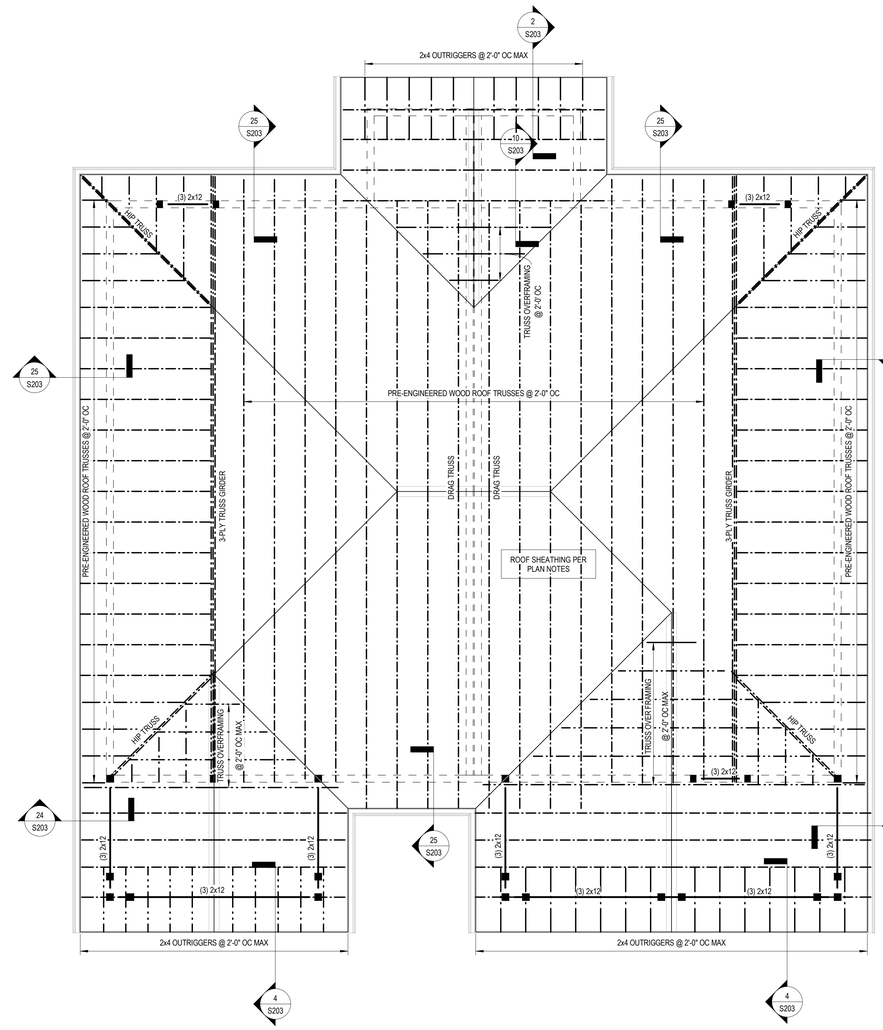
DRAWING NO:

S121



2 BED DUPLEX - CRAFTSMAN FOUNDATION PLAN

1/4" = 1'-0"



2 BED DUPLEX - CRAFTSMAN ROOF FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. "F60" INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. "W24" INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. "TS24" & "TF24" INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. "TE" DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. "CJ" DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. "SWX" AND "GSWX" DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. "MPX" DENOTES MASONRY PIER PER TYPICAL DETAIL.

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FOUNDATION PLAN NOTES

ROOF FRAMING PLAN NOTES:

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ROOF FRAMING PLAN NOTES

BINDING EDGE

BINDING EDGE

BINDING EDGE

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
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- ☐ REDI-CHECK
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- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JEFFERY GOODMAN REGISTERED ENGINEER No. 119715 STATE OF TENNESSEE 6/4/2020

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(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	GRC
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

2 BED DUPLEX - CRAFTSMAN FOUNDATION & ROOF FRAMING PLAN

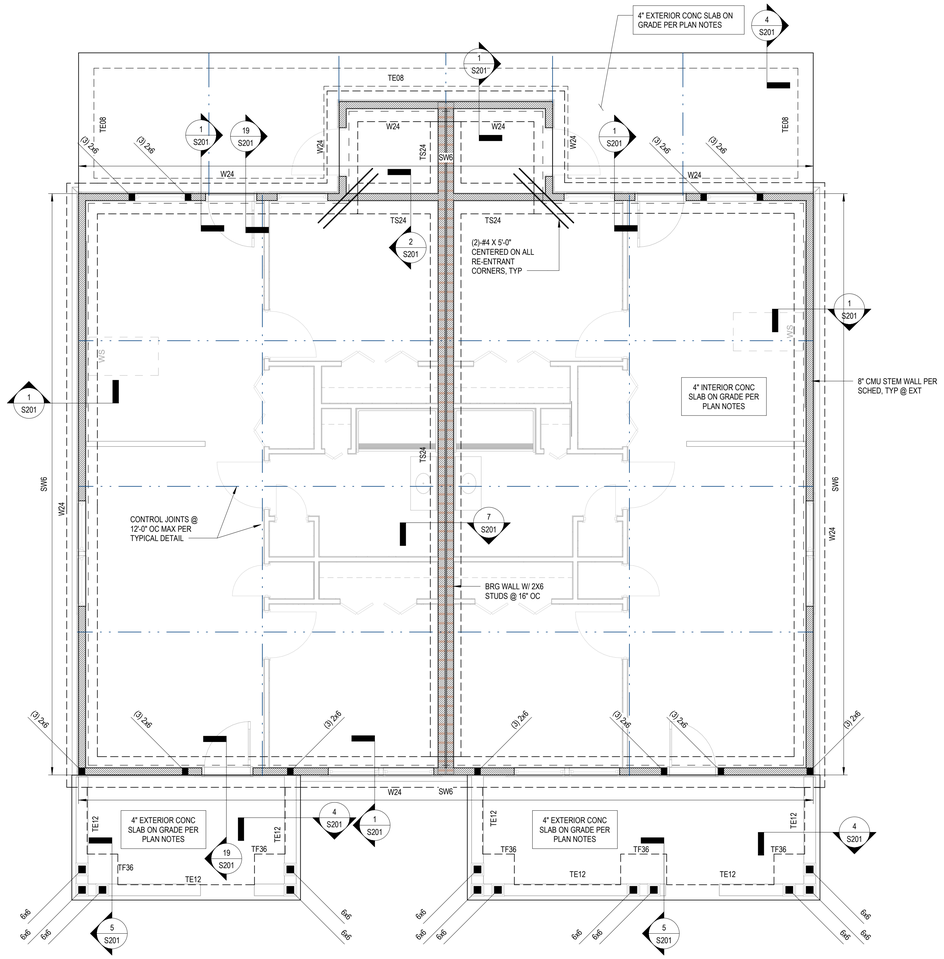
DRAWING NO:

S130

BINDING EDGE

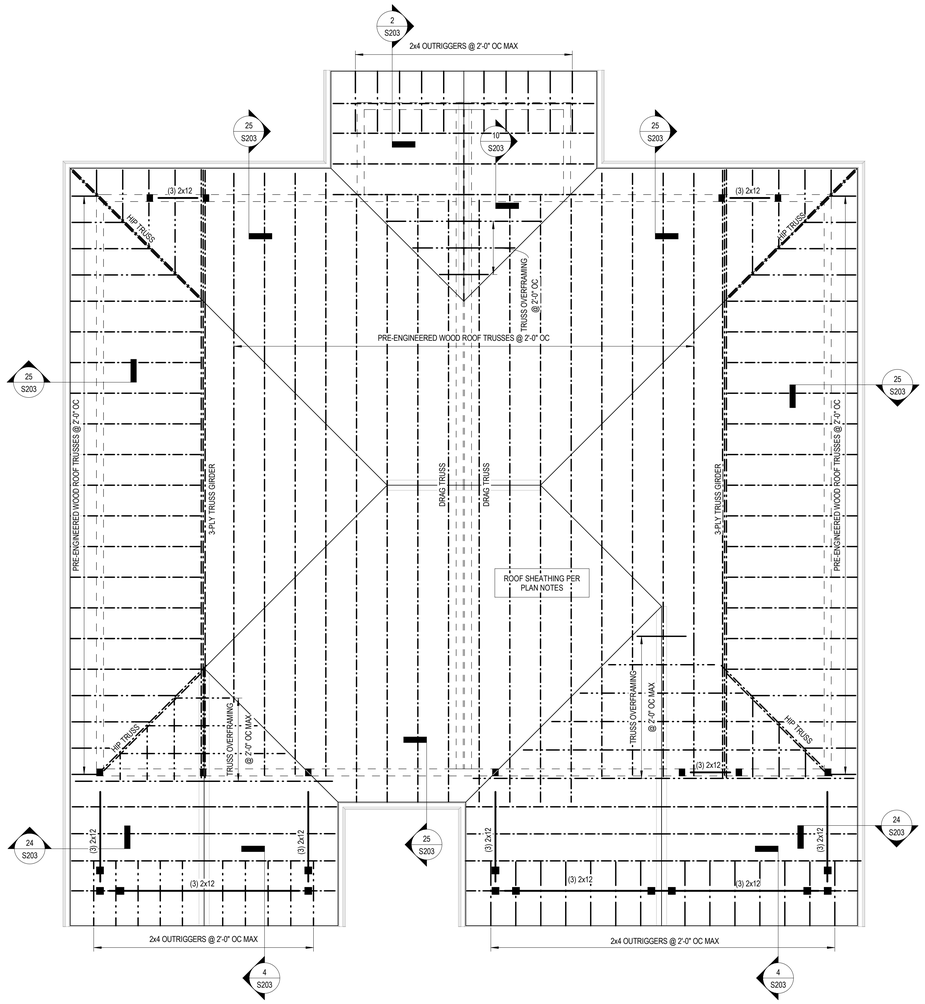
BINDING EDGE

BINDING EDGE



2 BED DUPLEX - UFAS - CRAFTSMAN FOUNDATION PLAN

1/4" = 1'-0"



2 BED DUPLEX - UFAS - CRAFTSMAN ROOF FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

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WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
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W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FOUNDATION PLAN NOTES

ROOF FRAMING PLAN NOTES:

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ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:52:45 AM

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ARCHITECTS & INTERIOR DESIGNERS
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

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CONSULTANT INFORMATION

HAINES
STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-115

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

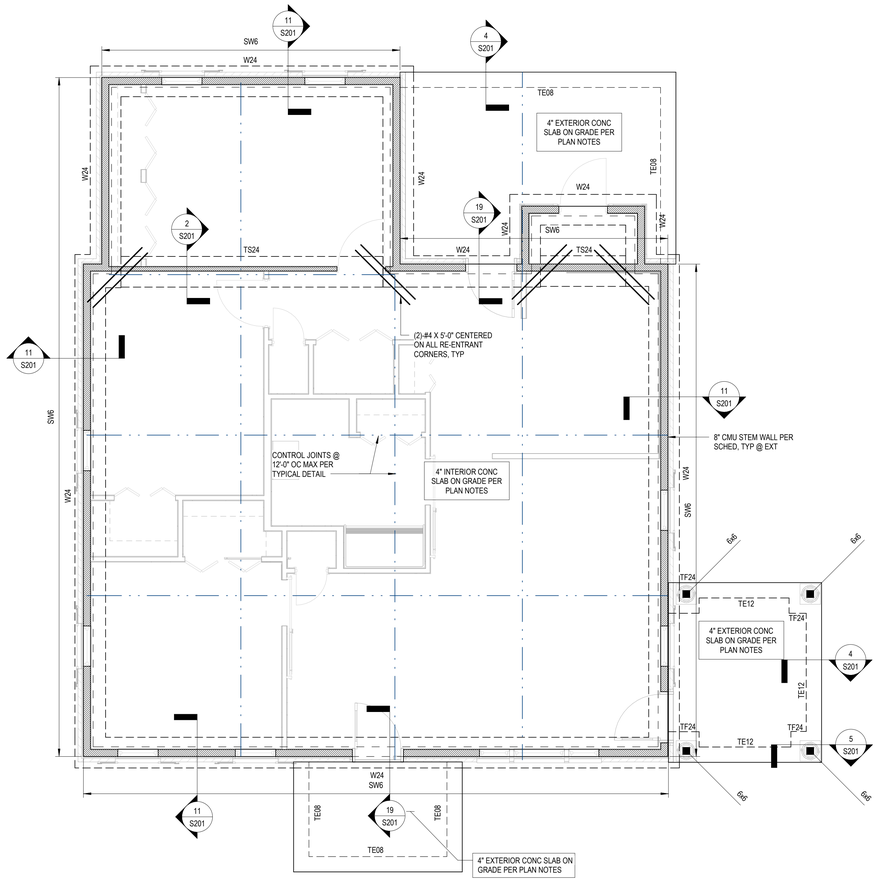
SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

2 BED DUPLEX - CRAFTSMAN (UFAS) FOUNDATION & ROOF FRAMING PLAN

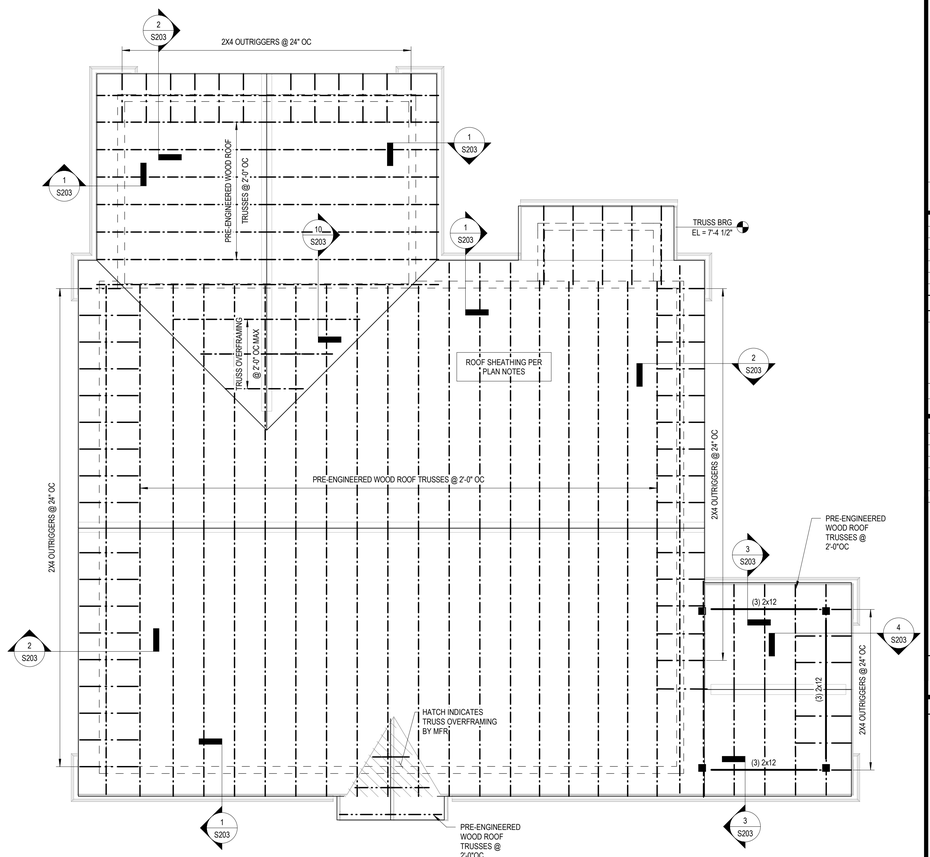
DRAWING NO:

S135



3 BED SINGLE - COLONIAL ROOF FRAMING PLAN

1/4" = 1'-0"



3 BED SINGLE - COLONIAL ROOF FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

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13. 'SWF' AND 'GSWF DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPIF' DENOTES MASONRY PIER PER TYPICAL DETAIL.

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
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W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
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FOUNDATION PLAN NOTES

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ROOF FRAMING PLAN NOTES

BINDING EDGE

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TIME / DATE: 6/3/2020 11:52:49 AM

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project no. 2019-113

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PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

3 BED SINGLE - COLONIAL FOUNDATION & ROOF FRAMING PLAN

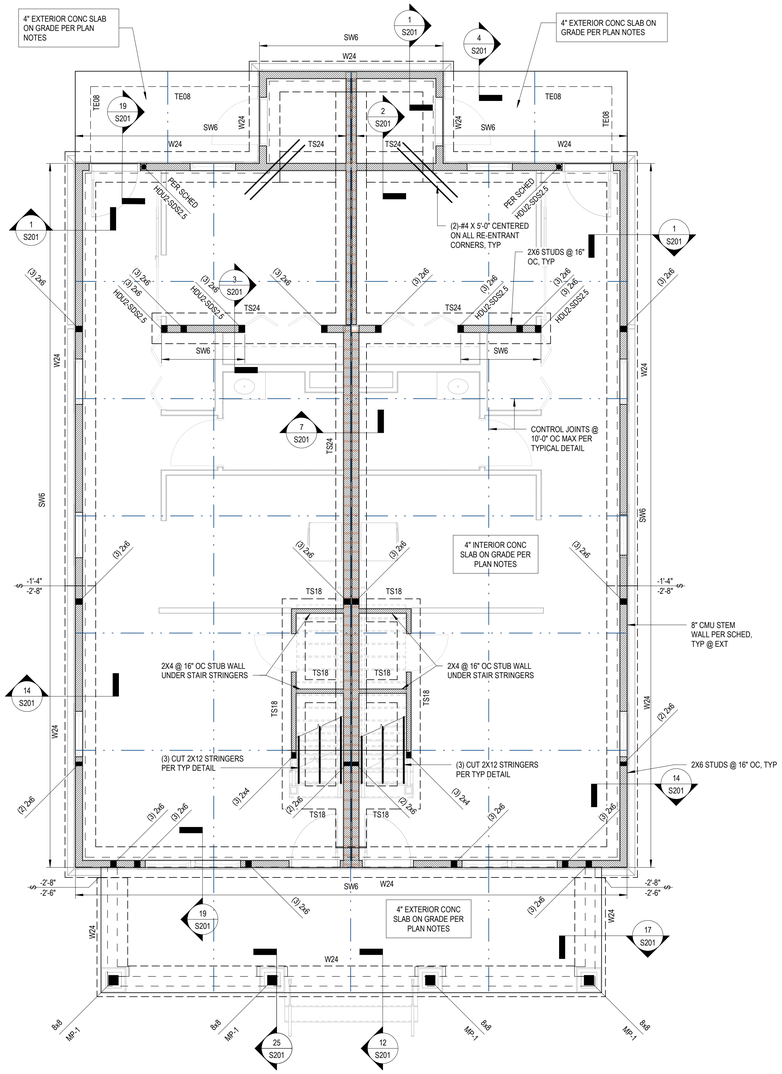
DRAWING NO:

S145

BINDING EDGE

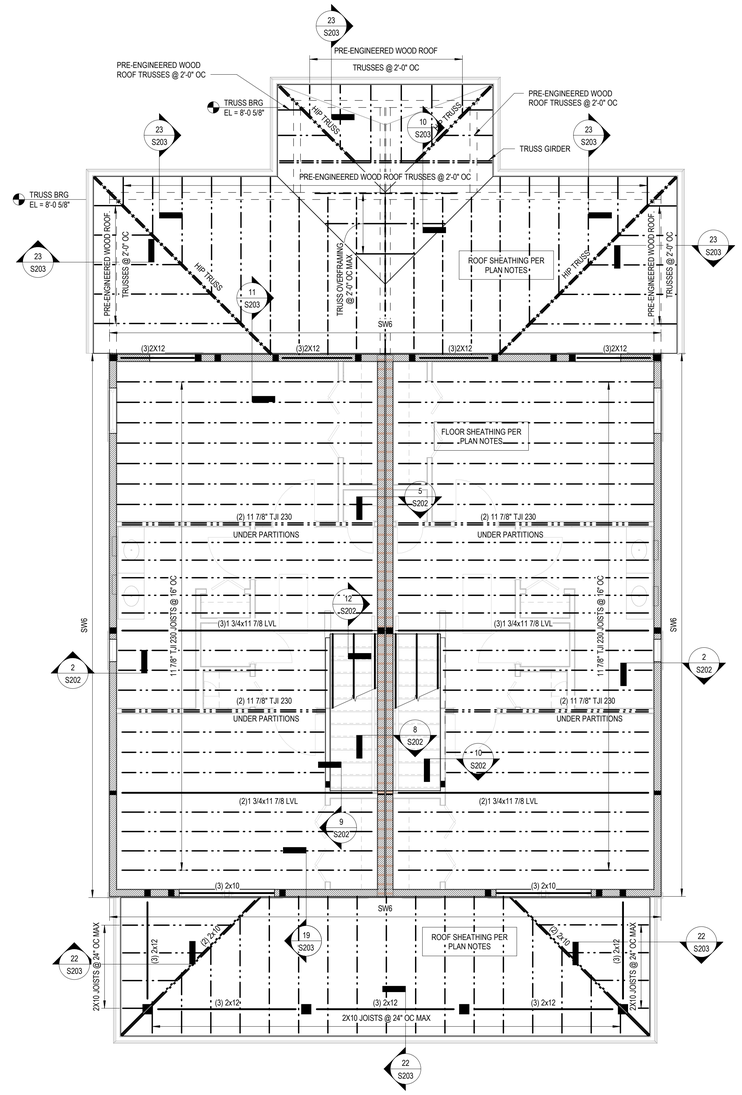
BINDING EDGE

BINDING EDGE



3 BED DUPLEX - 4 SQUARE FOUNDATION PLAN

1/4" = 1'-0"



3 BED DUPLEX - 4 SQUARE SECOND FLOOR FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. "F60" INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. "WO4" INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. "TS24" & "TF24" INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. "TE" DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. "CJ" DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. "SWW" AND "GSWW" DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. "MOP" DENOTES MASONRY PIER PER TYPICAL DETAIL.

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FOUNDATION PLAN NOTES

FLOOR FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. JOIST BRG EL= 9'-0 5/8", UNO
3. T/ SHEATHING ELEVATION AT SECOND LEVEL= 10'-1 1/4", TYP, UNO
4. WOOD FLOOR SHEATHING SHALL BE 23/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. WINDOW AND DOOR HEADERS TO BE PER SCHED, UNO.
7. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

SECOND FLOOR FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:52:56 AM

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ARCHITECTS & INTERIOR DESIGNERS
19003
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EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

GEOFFREY GOODMAN REGISTERED ENGINEER No. 119715 STATE OF TENNESSEE 6/4/2020

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

3 BED DUPLEX - 4 SQUARE FOUNDATION & SECOND FRAMING PLAN

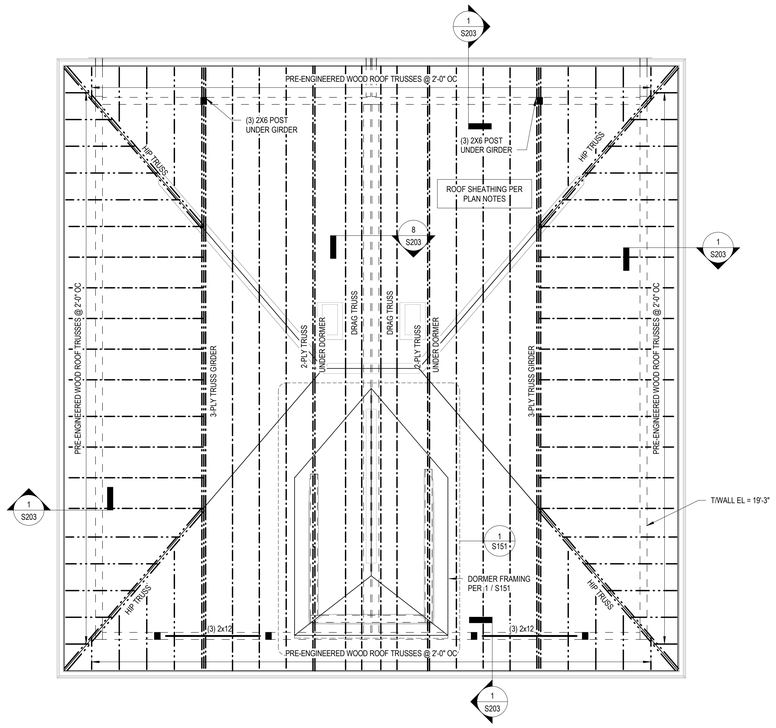
DRAWING NO:

S150

BINDING EDGE

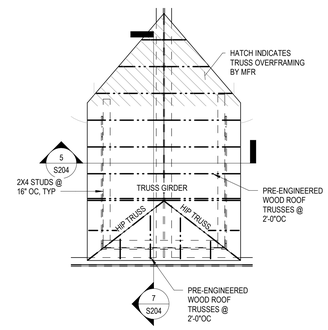
BINDING EDGE

BINDING EDGE



3 BED DUPLEX - 4 SQUARE ROOF FRAMING PLAN

1/4" = 1'-0"



1 HIGH ROOF FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. TRUSS BRG EL = 18'-1 7/8", UNO
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WINDOW AND DOOR HEADERS TO BE PER HEADER SCHED, UNO.
6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:00 AM

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

19003

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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HAINES STRUCTURAL GROUP

800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

3 BED DUPLEX - 4 SQUARE ROOF FRAMING PLAN

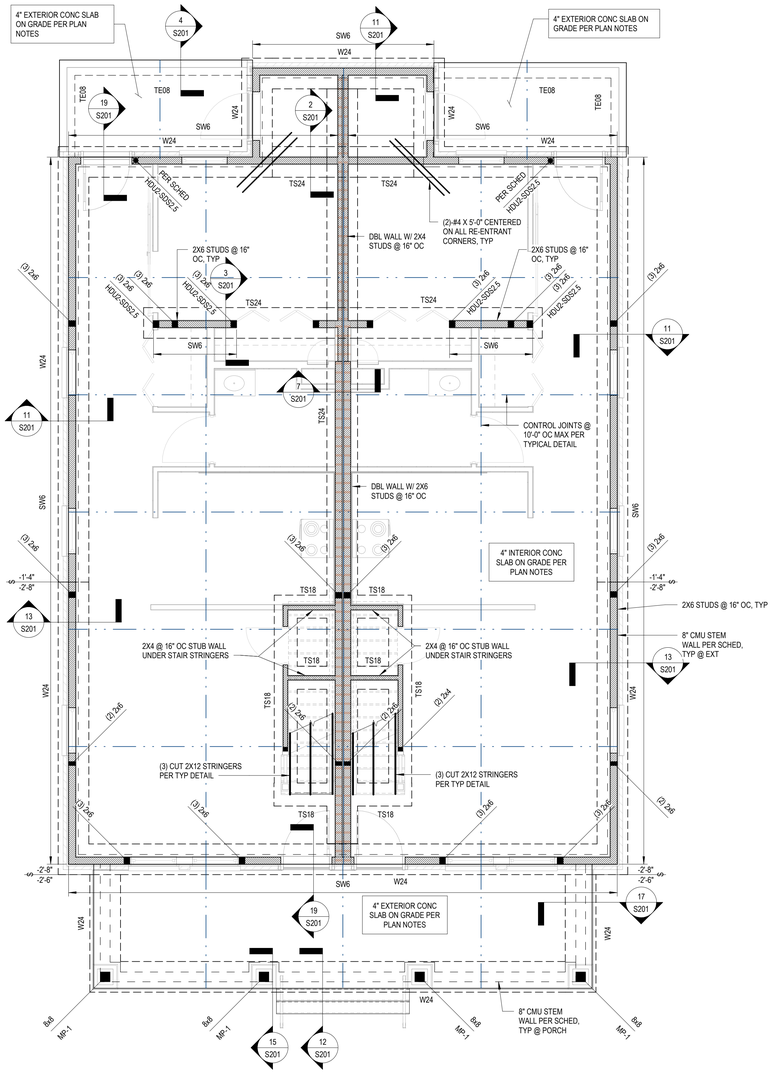
DRAWING NO:

S151

BINDING EDGE

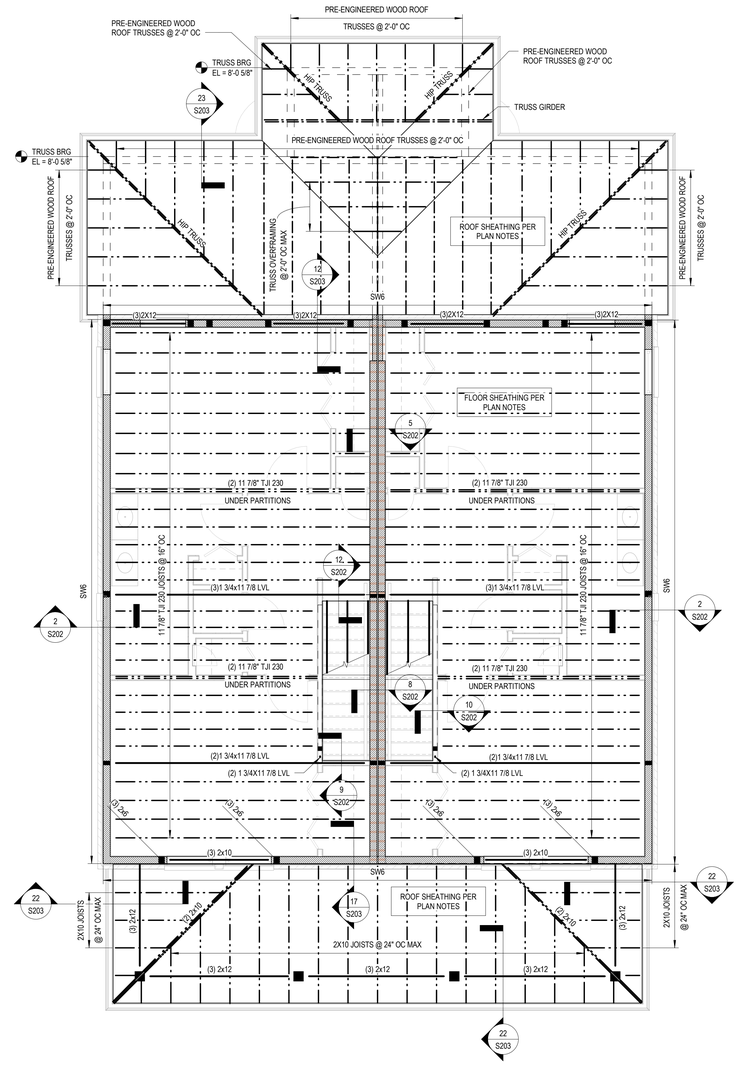
BINDING EDGE

BINDING EDGE



3 BED DUPLEX - 4 SQUARE (BRICK) FOUNDATION PLAN

1/4" = 1'-0"



3 BED DUPLEX - 4 SQUARE (BRICK) SECOND FLOOR FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. "F60" INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. "W24" INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. "TS24" & "TF24" INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. "TE" DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. 'CJ' DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. 'SWW' AND 'GSWW' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPW' DENOTES MASONRY PIER PER TYPICAL DETAIL.

FOUNDATION PLAN NOTES

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FLOOR FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. JOIST BRG EL= 9'-0 5/8", UNO
3. T/ SHEATHING ELEVATION AT SECOND LEVEL= 10'-1 1/4", TYP, UNO
4. WOOD FLOOR SHEATHING SHALL BE 23/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WOOD ROOF SHEATHING SHALL BE 15/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. WINDOW AND DOOR HEADERS TO BE PER SCHED, UNO.
7. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

SECOND FLOOR FRAMING PLAN NOTES

TRUSS BRG EL = 8'-0 5/8"

TIME / DATE: 6/3/2020 11:53:07 AM

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MHM
ARCHITECTS & INTERIOR DESIGNERS
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550 W. MAIN STREET, SUITE 300
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EMAIL: mbutler@mhminc.com
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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JEFFREY GOODMAN REGISTERED ENGINEER No. 119715 STATE OF TENNESSEE 6/4/2020

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

3 BED DUPLEX - 4 SQUARE (BRICK) FOUNDATION & FRAMING PLAN

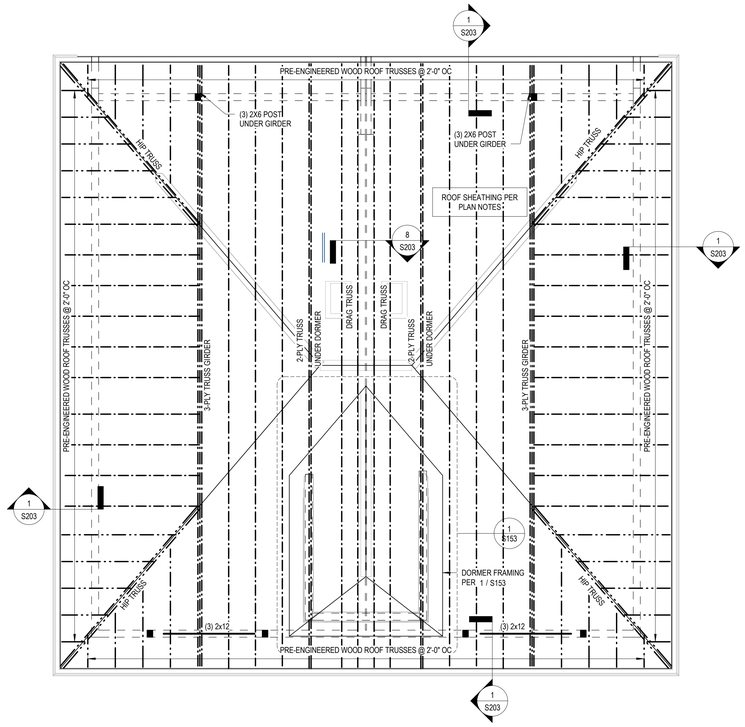
DRAWING NO:

S152

BINDING EDGE

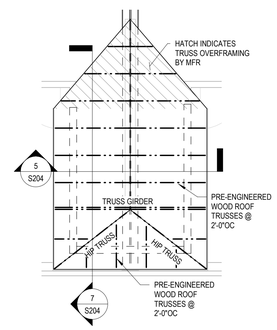
BINDING EDGE

BINDING EDGE



3 BED DUPLEX - 4 SQUARE (BRICK) ROOF FRAMING PLAN

1/4" = 1'-0"



1 HIGH ROOF FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. TRUSS BRG EL = 18'-1 7/8", UNO
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
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6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:11 AM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

19003

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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
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SEAL:

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CONSULTANT INFORMATION

HAINES
STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-115

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

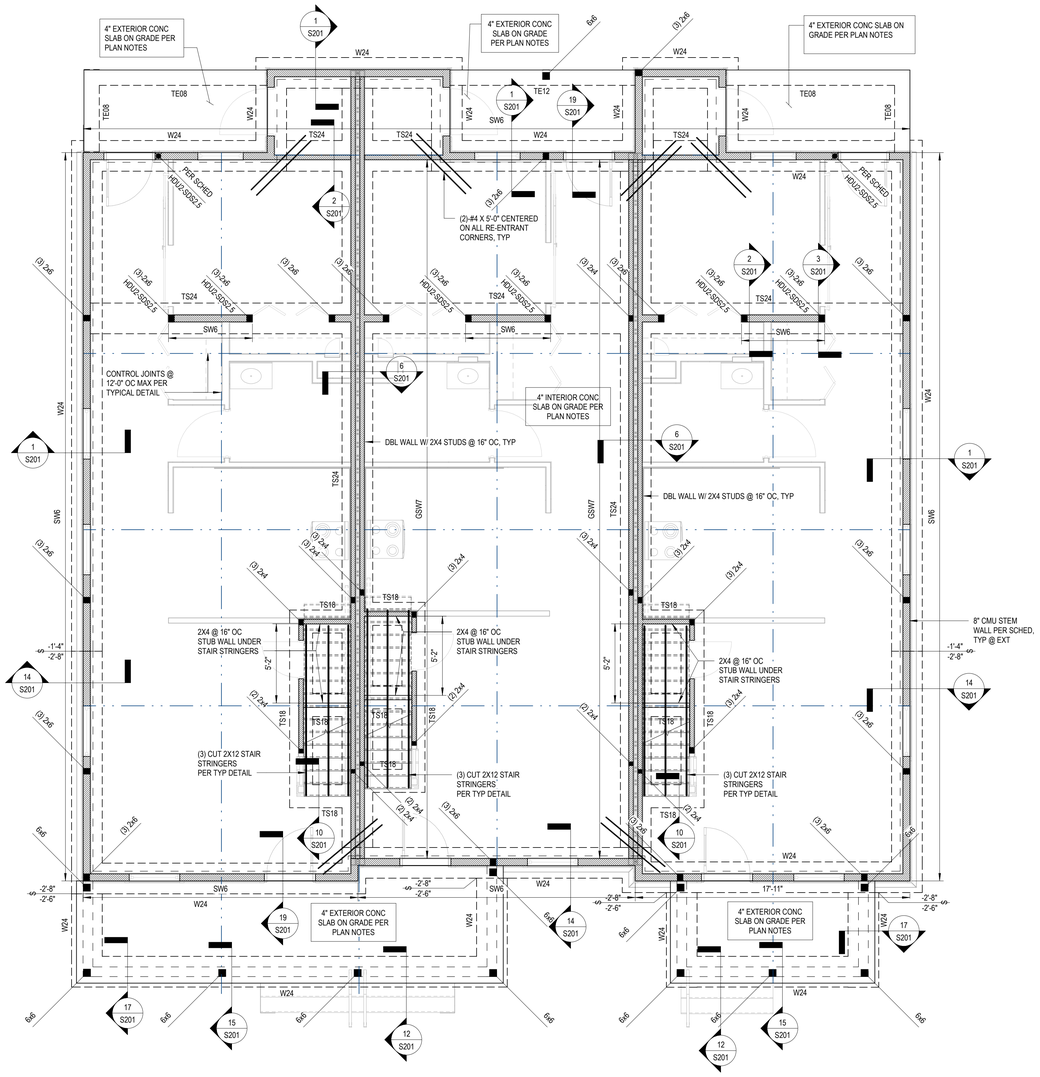
DRAWING TITLE:

3 BED DUPLEX - 4 SQUARE (BRICK) ROOF FRAMING PLAN

DRAWING NO:

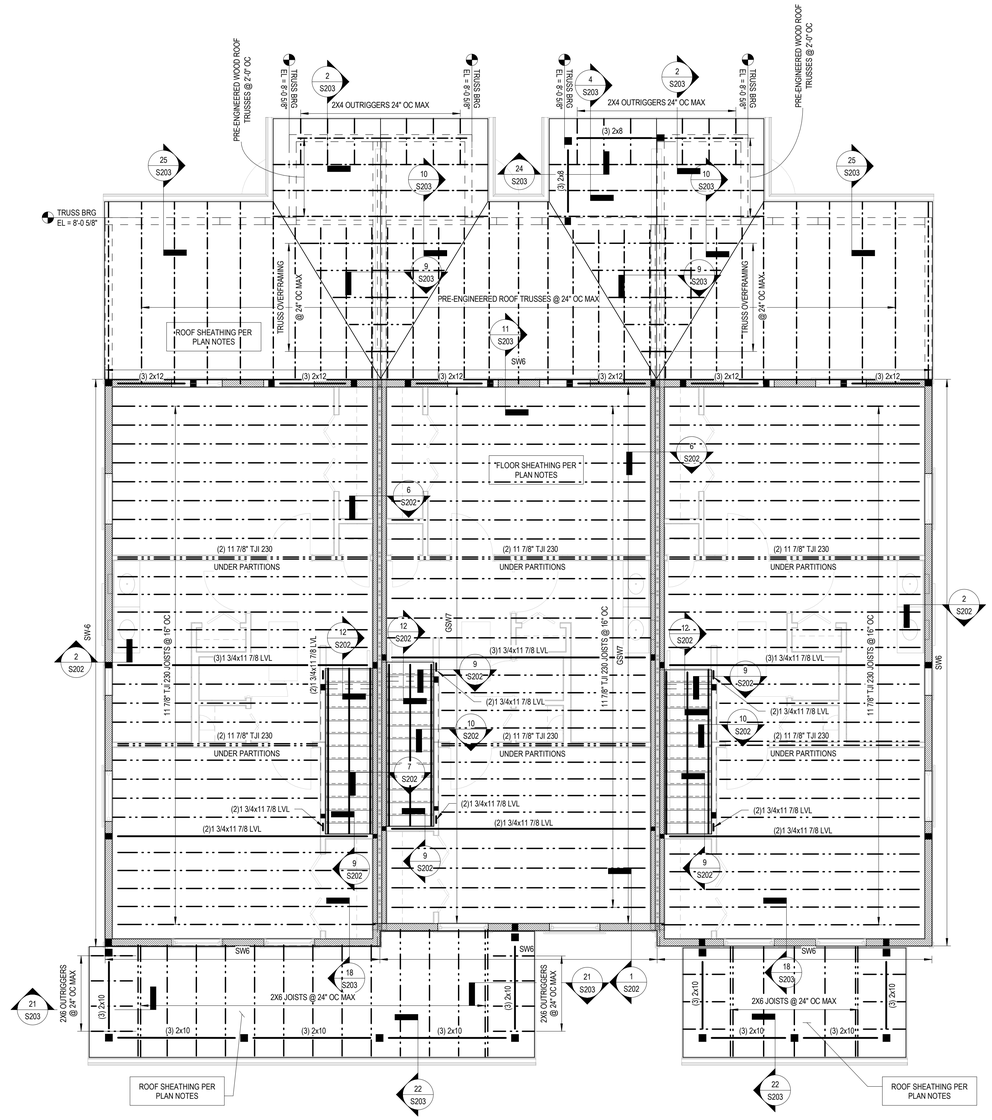
S153

BINDING EDGE



3 BED TRIPLEX - VICTORIAN FOUNDATION PLAN

1/4" = 1'-0"



3 BED TRIPLEX - VICTORIAN FLOOR FRAMING PLAN

FOUNDATION PLAN NOTES:

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2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
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7. "TS24' & "TF24" INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. "TE" DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
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13. 'SW#' AND 'GSW#' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MP#' DENOTES MASONRY PIER PER TYPICAL DETAIL.

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FOUNDATION PLAN NOTES

FLOOR FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. JOIST BRG EL= 9'-0 5/8", UNO
3. T/ SHEATHING ELEVATION AT SECOND LEVEL= 10'-1 1/4", TYP, UNO
4. WOOD FLOOR SHEATHING SHALL BE 23/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. WINDOW AND DOOR HEADERS TO BE PER SCHED, UNO.
7. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

SECOND FLOOR FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:18 AM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS
19003
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EMAIL: mbutler@mhminc.com
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

GREGORY GOODMAN REGISTERED ENGINEER No. 119715 STATE OF TENNESSEE 6/4/2020

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

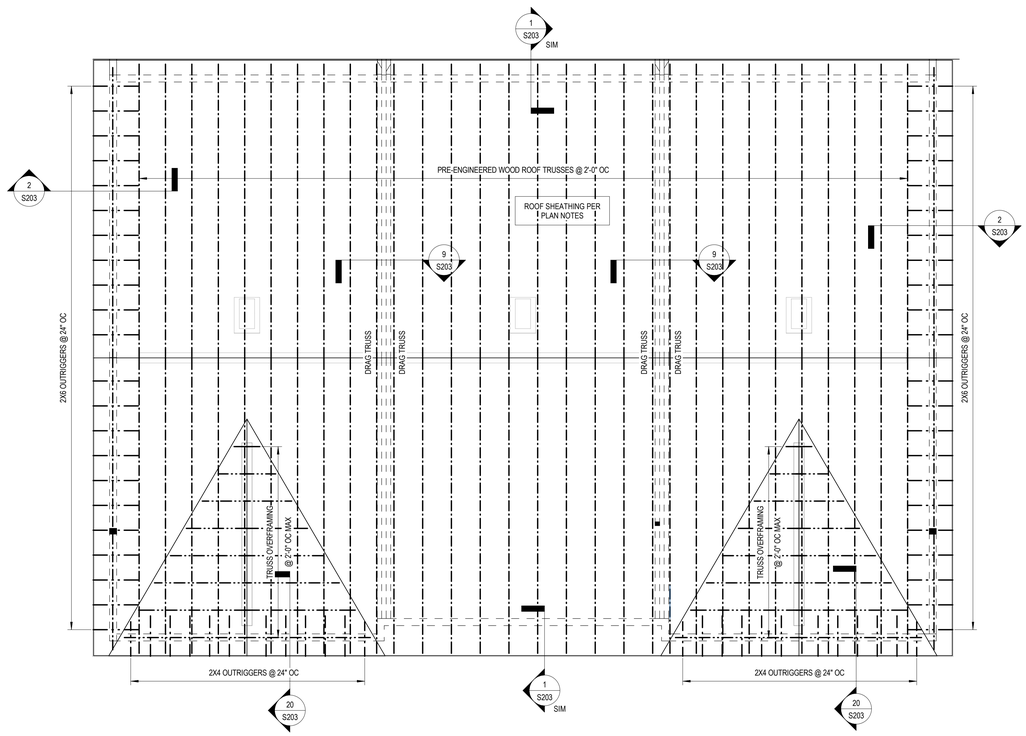
DRAWING TITLE: **3 BED TRIPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN**

DRAWING NO: **S160**

BINDING EDGE

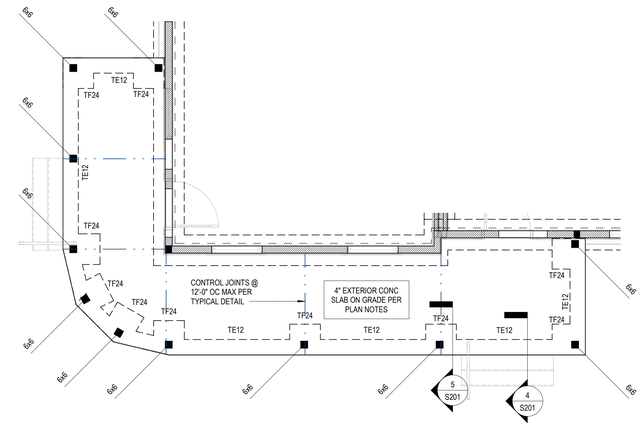
BINDING EDGE

BINDING EDGE



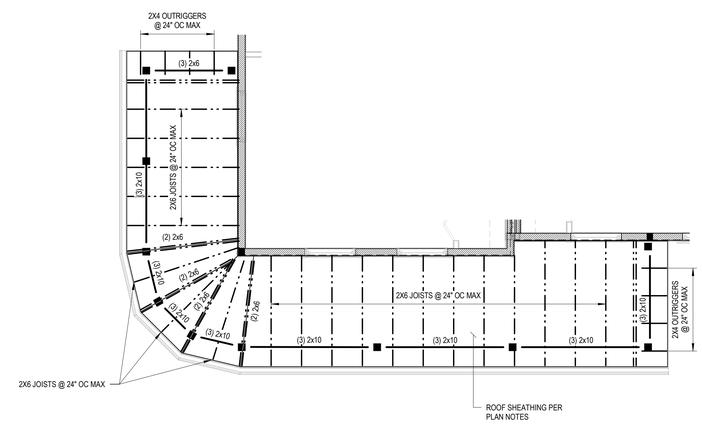
3 BED TRIPLEX - VICTORIAN ROOF FRAMING PLAN

1/4" = 1'-0"



3 BED TRIPLEX - VICTORIAN ALTERNATE PORCH FOUNDATION PLAN

1/4" = 1'-0"



3 BED TRIPLEX - VICTORIAN ALTERNATE PORCH FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. TRUSS BRG EL = 18'-1 7/8", UNO
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WINDOW AND DOOR HEADERS TO BE PER HEADER SCHED, UNO.
6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:55:24 AM

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP

800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929

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project no. 2019-115

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

3 BED TRIPLEX - VICTORIAN ROOF FRAMING PLAN

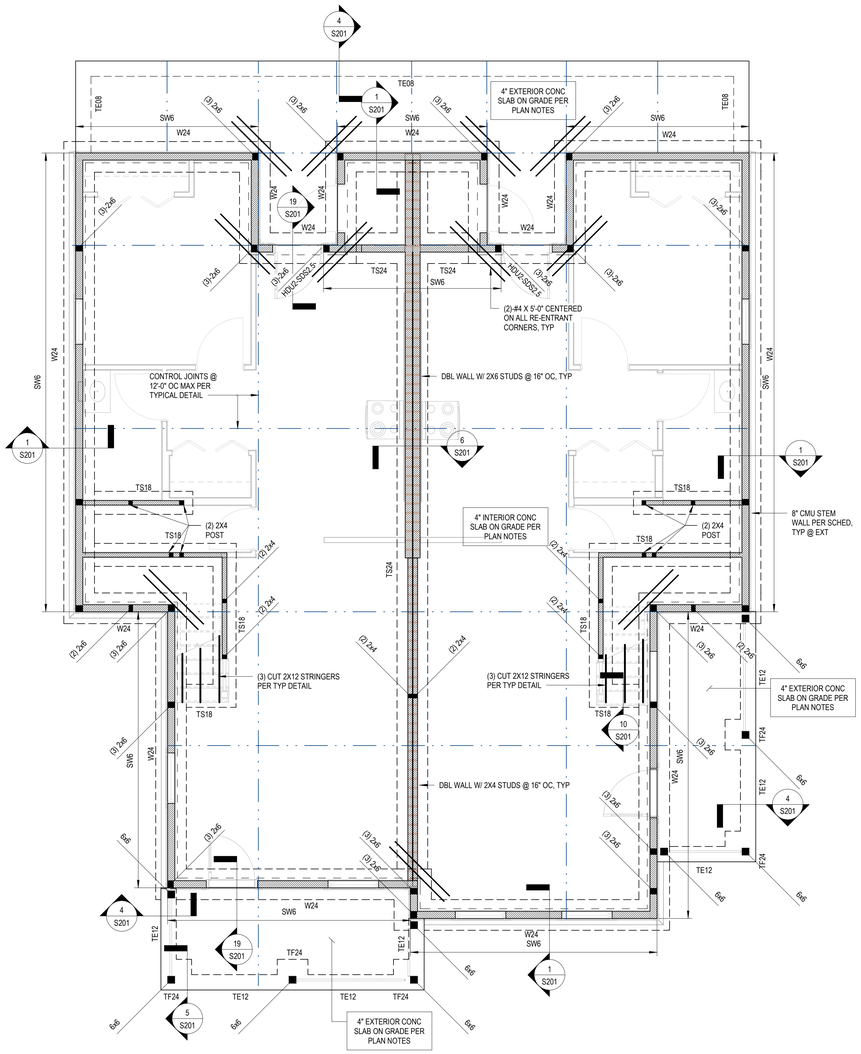
DRAWING NO:

S161

BINDING EDGE

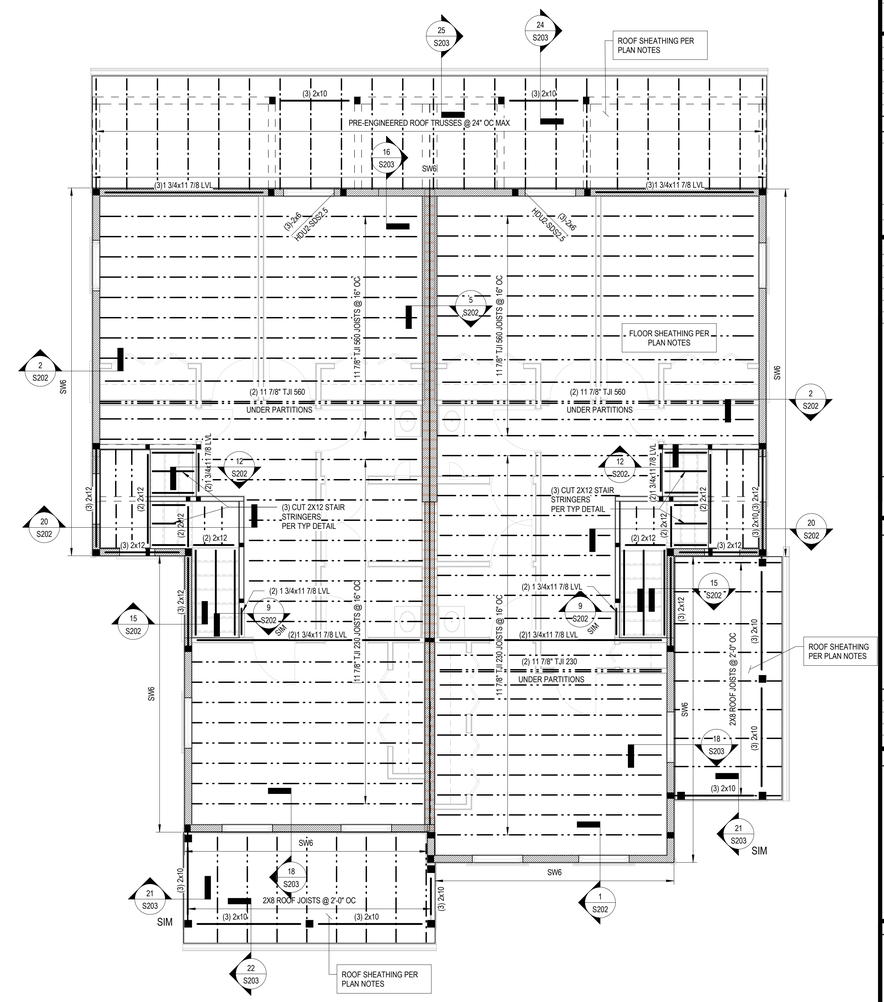
BINDING EDGE

BINDING EDGE



4 BED DUPLEX - VICTORIAN FOUNDATION PLAN

1/4" = 1'-0"



4 BED DUPLEX - VICTORIAN FLOOR FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. 'F60' INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. 'W24' INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. 'TS24' & 'TF24' INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. 'TE' DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. 'CJ' DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. 'SWF' AND 'GSWF' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPd' DENOTES MASONRY PIER PER TYPICAL DETAIL.

FOUNDATION PLAN NOTES

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FLOOR FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. JOIST BRG EL= 9'-0 5/8", UNO
3. T/ SHEATHING ELEVATION AT SECOND LEVEL= 10'-1 1/4", TYP, UNO
4. WOOD FLOOR SHEATHING SHALL BE 23/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. WINDOW AND DOOR HEADERS TO BE PER SCHED, UNO.
7. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

SECOND FLOOR FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:31 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

19003

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

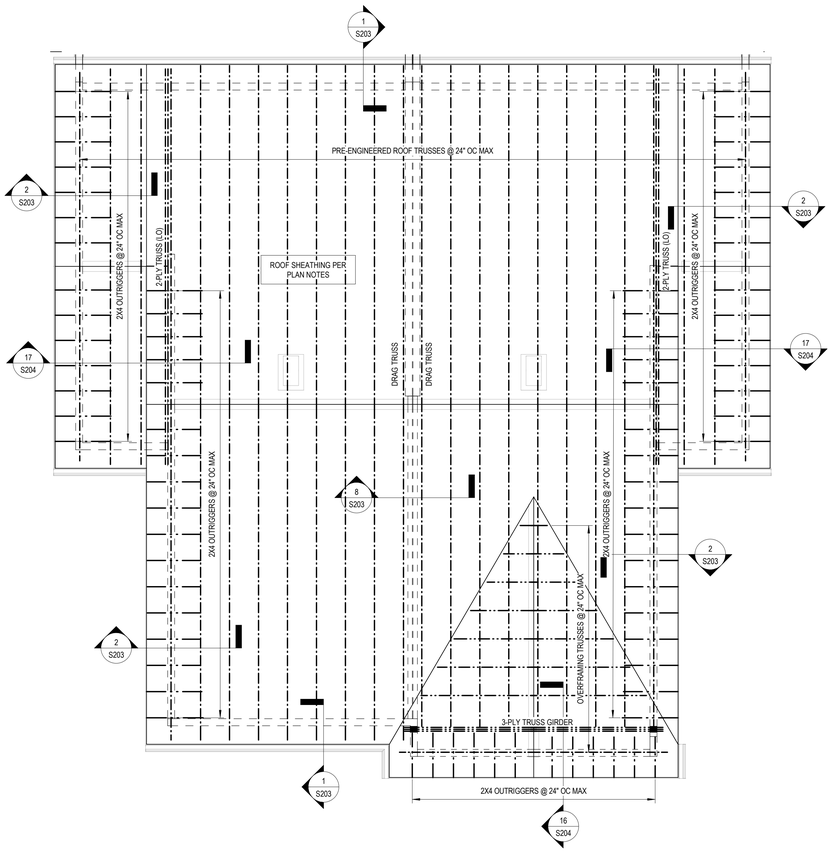
DRAWING TITLE: **4 BED DUPLEX - VICTORIAN FOUNDATION & SECOND FLOOR FRAMING PLAN**

DRAWING NO: **S170**

BINDING EDGE

BINDING EDGE

BINDING EDGE



4 BED DUPLEX - VICTORIAN ROOF FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. TRUSS BRG EL = 18'-1 7/8", UNO
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WINDOW AND DOOR HEADERS TO BE PER HEADER SCHED, UNO.
6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:34 AM

McCARTY
HOLSAPLE
McCARTY
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& INTERIOR
DESIGNERS

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

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STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
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project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	10/28/19
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

4 BED DUPLEX - VICTORIAN ROOF FRAMING PLAN

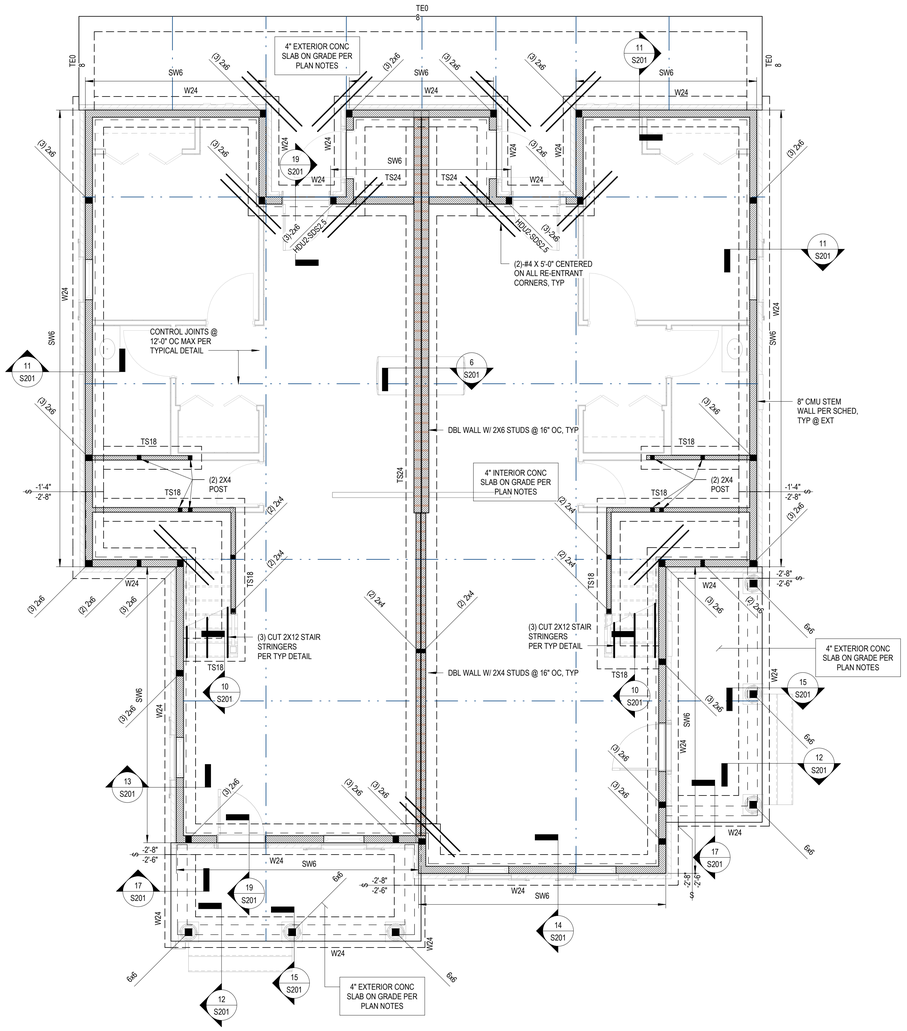
DRAWING NO:

S171

BINDING EDGE

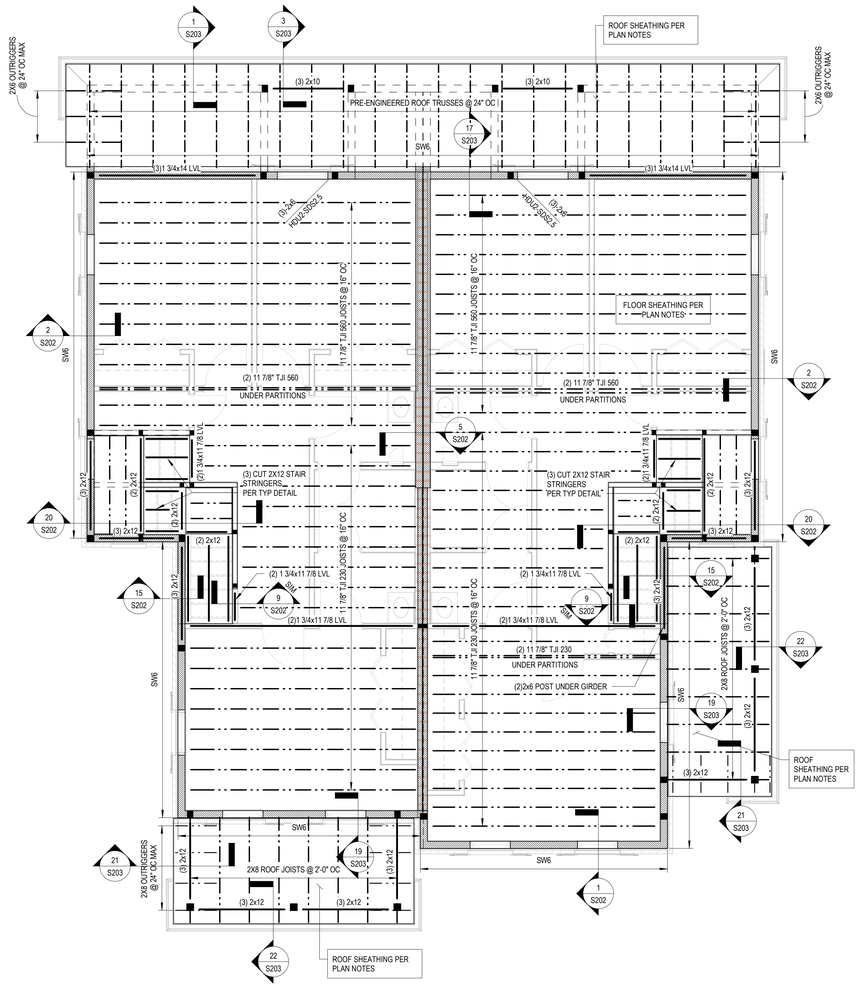
BINDING EDGE

BINDING EDGE



4 BED DUPLEX - COLONIAL FOUNDATION PLAN

1/4" = 1'-0"



4 BED DUPLEX - COLONIAL FLOOR FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP. UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. 'F60' INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. 'W24' INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. 'TS24' & 'TF24' INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. 'TE' DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. 'CJ' DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING, TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. 'SWW' AND 'GSWW' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPW' DENOTES MASONRY PIER PER TYPICAL DETAIL.

FOUNDATION PLAN NOTES

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

COLUMN FOOTING SCHEDULE

MARK	LENGTH	WIDTH	DEPTH	REINFORCEMENT
F36	3'-0"	3'-0"	1'-0"	(4)-#5 EW BTM
TF24	2'-0"	2'-0"	2'-0"	(3)-#5 EW TOP & BTM
TF30	2'-6"	2'-6"	2'-0"	(4)-#5 EW BTM
TF36	3'-0"	3'-0"	2'-0"	(4)-#5 EW BTM

FLOOR FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. JOIST BRG EL= 9'-0 5/8", UNO
3. T/ SHEATHING ELEVATION AT SECOND LEVEL= 10'-1 1/4", TYP. UNO
4. WOOD FLOOR SHEATHING SHALL BE 23/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. WINDOW AND DOOR HEADERS TO BE PER SCHED. UNO.
7. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

SECOND FLOOR FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:42 AM

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
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- ☐ CONSTRUCTION ADMINISTRATION

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

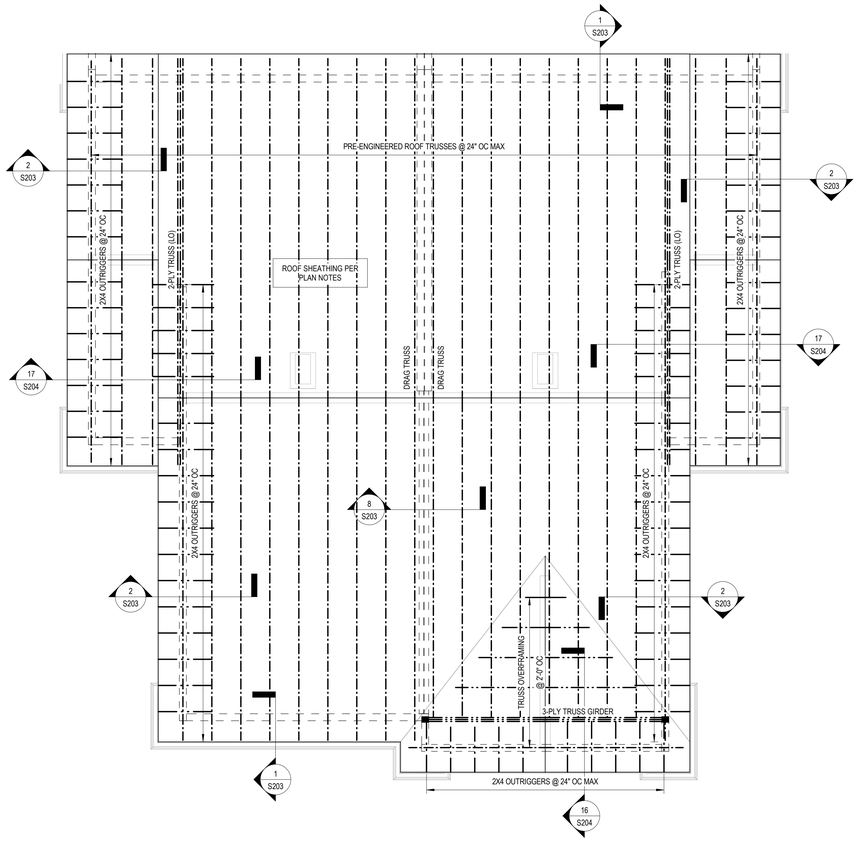
DRAWING TITLE: **4 BED DUPLEX - COLONIAL FOUNDATION & SECOND FLOOR FRAMING PLAN**

DRAWING NO: **S172**

BINDING EDGE

BINDING EDGE

BINDING EDGE



4 BED DUPLEX - COLONIAL ROOF FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. TRUSS BRG EL = 18'-1 7/8", UNO
3. ROOF FRAMING SHALL BE PRE-ENGINEERED WOOD ROOF TRUSSES AT 2'-0" OC MAX UNO. ALL TRUSSES SHALL BE ORIENTED IN THE DIRECTION SHOWN. ROOF TRUSS GIRDERS MAY BE ADJUSTED +/- 6", UNLESS THE ADJUSTMENT LOCATES THE TRUSS GIRDER OVER A WINDOW HEADER. TRUSS LAYOUT SHALL NOT BE SIGNIFICANTLY ALTERED FROM THE CONSTRUCTION DOCUMENTS. IF THERE IS A CONFLICT, OR THE LAYOUT AS SHOWN IN THE CONSTRUCTION DOCUMENTS CANNOT PHYSICALLY BE CONSTRUCTED, CONTACT STRUCTURAL ENGINEER PRIOR TO ISSUING SHOP DRAWINGS.
4. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WINDOW AND DOOR HEADERS TO BE PER HEADER SCHED, UNO.
6. ROOF TRUSSES SHALL BEAR ONLY ON EXTERIOR WALLS, UNO.
7. ALL TRUSS GIRDERS SHALL BEAR DIRECTLY OVER (3)-2X6 IN THE WALL BELOW.

ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:43 AM

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

19003

550 W. MAIN STREET, SUITE 300
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT DEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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project no. 2019-115

CODES OFFICIAL REVIEW

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:

4 BED DUPLEX - COLONIAL ROOF FRAMING PLAN

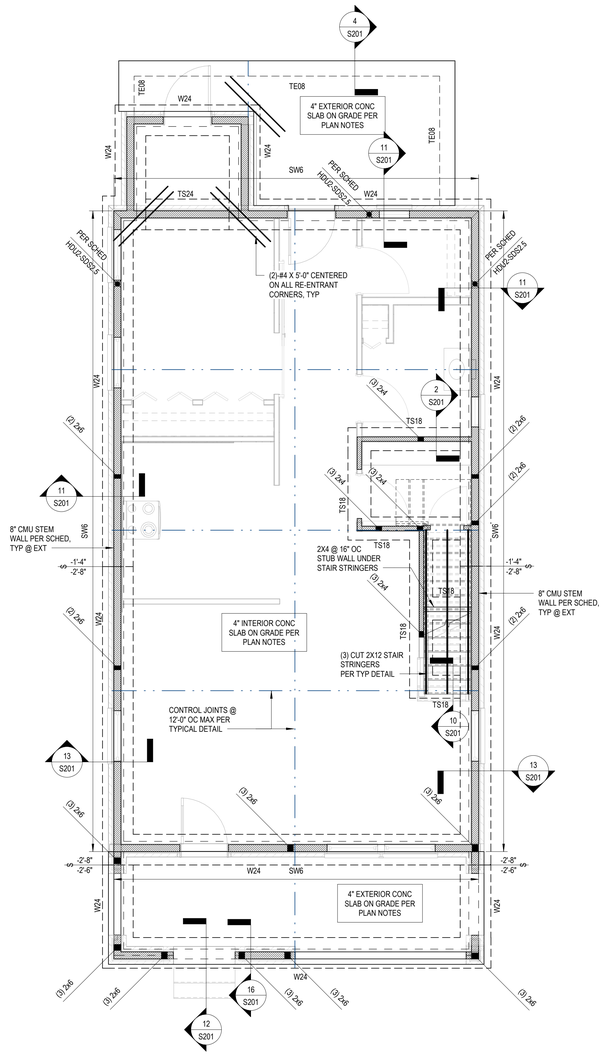
DRAWING NO:

S173

BINDING EDGE

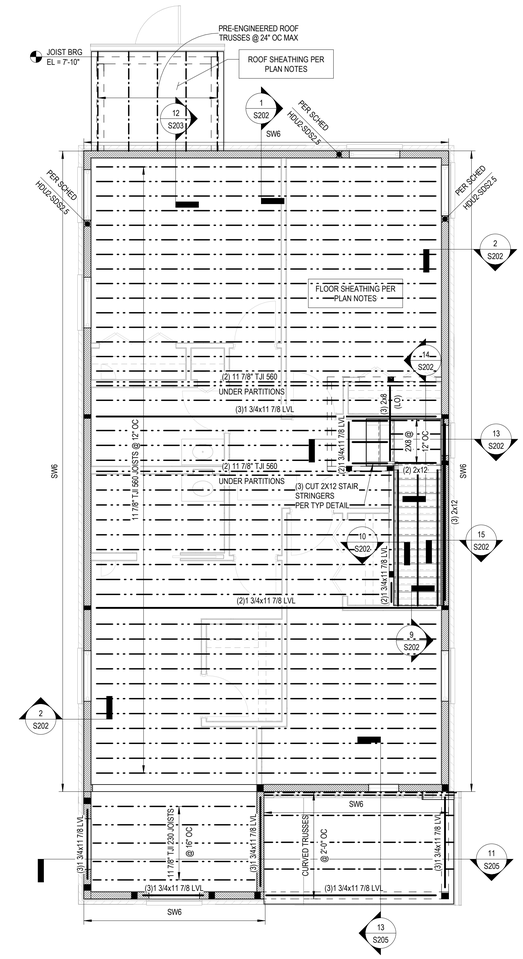
BINDING EDGE

BINDING EDGE



5 BED SINGLE - TUDOR FOUNDATION PLAN

1/4" = 1'-0"



5 BED SINGLE - TUDOR FLOOR FRAMING PLAN

1/4" = 1'-0"

FOUNDATION PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. T/ EXTERIOR FOOTING ELEVATION = -1'-4", TYP, UNO
3. 4" SLAB ON GRADE IS 4 INCHES THICK AND REINFORCED WITH WWF 6X6 W2.1XW2.1. SLAB ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER (INTERIOR ONLY) AND 4 INCHES (MIN) COMPACTED GRANULAR FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. SEE TYPICAL SLAB ON GRADE DETAILS FOR MORE INFORMATION.
4. ( ) INDICATES TOP OF FOOTING ELEVATION AT NON-TYPICAL LOCATIONS.
5. "F60" INDICATES COLUMN OR ISOLATED SPREAD FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
6. "W24" INDICATES WALL OR CONTINUOUS FOOTING MARK. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
7. "TS24" & "TF24" INDICATE THICKENED SLAB AREAS TO BE POURED MONOLITHICALLY WITH SLAB ON GRADE. SEE SCHEDULE FOR SIZE AND REINFORCEMENT.
8. "TE" DENOTES TURN-DOWN SLAB EDGE. SEE TYPICAL DETAIL FOR SIZE AND REINFORCING.
9. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
10. FOR SIDEWALKS, PAVING, AND SITE DETAILS AT THE BUILDING EXTERIOR, SEE ARCHITECTURAL AND CIVIL DRAWINGS.
11. ■ DENOTES FULL HT POST ON KING STUDS AS SHOWN ON PLAN OR ON SCHEDULES. STUDS AT OPENINGS SHALL TAKE THE PLACE OF KING STUDS BUT BE IN ADDITION TO JACK STUDS REQD PER TYPICAL DETAILS.
12. 'CJ' DENOTES CMU CONTROL JOINT AT CHANGE IN COURSING. TYPICAL AT FRONT PORCH FOUNDATIONS UNO.
13. 'SWW' AND 'GSWW' DENOTES WOOD SHEAR WALL PER SW SCHEDULE.
14. 'MPW' DENOTES MASONRY PIER PER TYPICAL DETAIL.

WALL FOOTING SCHEDULE

MARK	WIDTH	DEPTH	REINFORCEMENT
TE12	1'-0"	2'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS18	1'-6"	1'-0"	(2)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
TS24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC
W24	2'-0"	1'-0"	(3)-#5 CONT W/ #3 X 1'-6" TRANS @ 1'-6" OC

FOUNDATION PLAN NOTES

FLOOR FRAMING PLAN NOTES:

1. ELEVATIONS ARE BASED ON A REFERENCE FLOOR ELEVATION OF 0'-0", UNO. TOP OF SLAB ON GRADE BELOW IS AT THE REFERENCE ELEVATION UNLESS NOTED OTHERWISE.
2. JOIST BRG EL= 9'-0 5/8", UNO
3. T/ SHEATHING ELEVATION AT SECOND LEVEL= 10'-1 1/4", TYP, UNO
4. WOOD FLOOR SHEATHING SHALL BE 23/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. WOOD ROOF SHEATHING SHALL BE 19/32" UNO. SEE GENERAL NOTES FOR MORE INFORMATION. SEE TYPICAL DETAIL FOR ATTACHMENT AND LAYOUT REQUIREMENTS. BLOCKING IS NOT REQUIRED UNLESS NOTED IN DETAILS. REFER TO STRUCTURAL GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. WINDOW AND DOOR HEADERS TO BE PER SCHED, UNO.
7. FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.

SECOND FLOOR FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:35:48 AM

McCARTY HOLSAPLE McCARTY

MHM

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PA / PC:
DRAWN BY: WBH
CHECKED BY: RAH

DRAWING TITLE:

5 BED SINGLE - FOUNDATION & SECOND FLOOR FRAMING PLAN

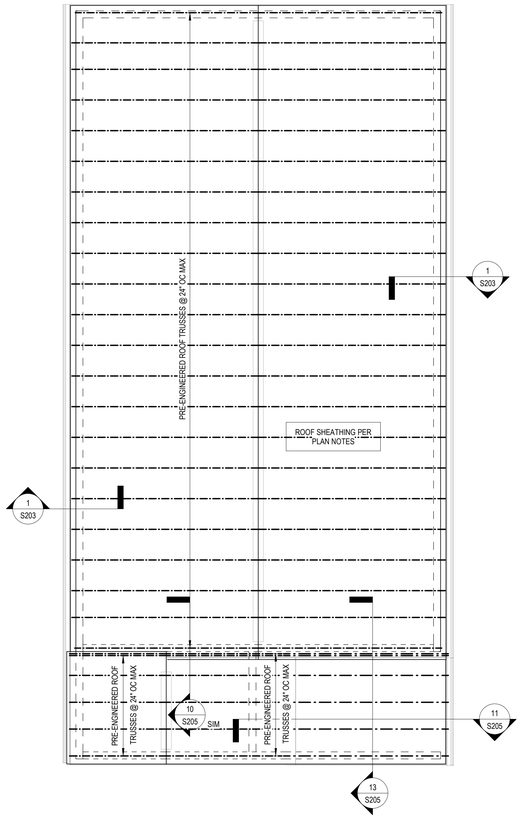
DRAWING NO:

S180

BINDING EDGE

BINDING EDGE

BINDING EDGE



5 BED SINGLE - TUDOR ROOF FRAMING PLAN

1/4" = 1'-0"

ROOF FRAMING PLAN NOTES:

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ROOF FRAMING PLAN NOTES

TIME / DATE: 6/3/2020 11:53:51 AM

McCARTY
HOLSAPLE
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ARCHITECTS
& INTERIOR
DESIGNERS

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PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

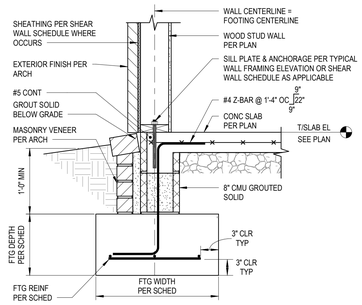
DRAWING TITLE:

5 BED SINGLE - ROOF FRAMING PLAN

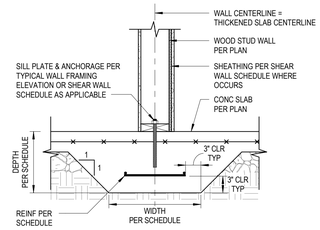
DRAWING NO:

S181

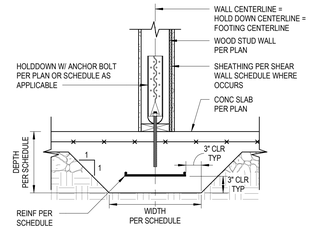
BINDING EDGE



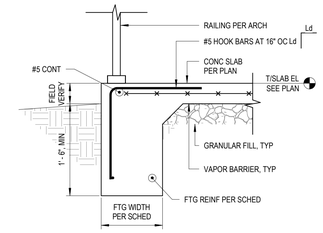
1 TYP EXTERIOR WALL FOOTING
1" = 1'-0"



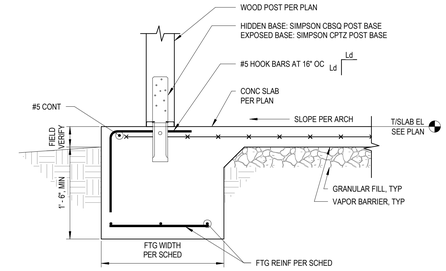
2 TYP INTERIOR THICKENED SLAB FOOTING
1" = 1'-0"



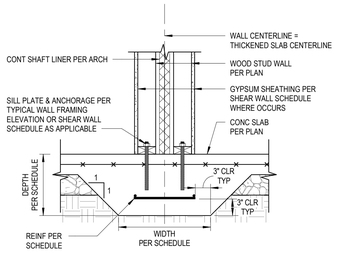
3 TYPICAL HOLD DOWN AT THICKENED SLAB
1" = 1'-0"



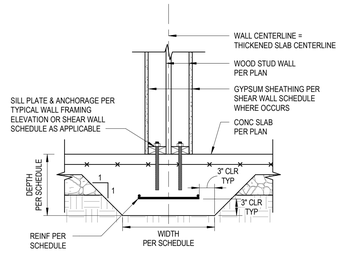
4 TYP THICKENED EDGE
1" = 1'-0"



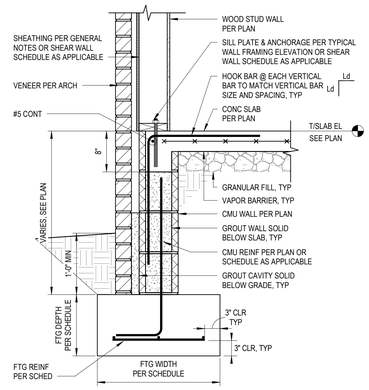
5 TYP THICKENED EDGE @ COL
1" = 1'-0"



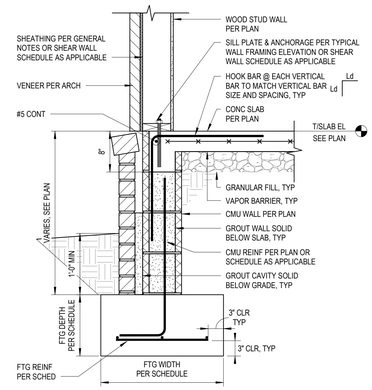
6 THICKENED SLAB FOOTING @ TRIPLEX
1" = 1'-0"



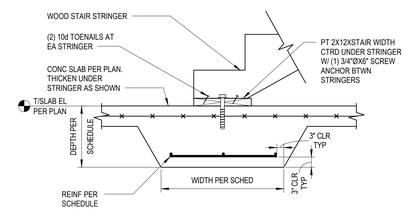
7 THICKENED SLAB FOOTING @ DUPLEX
1" = 1'-0"



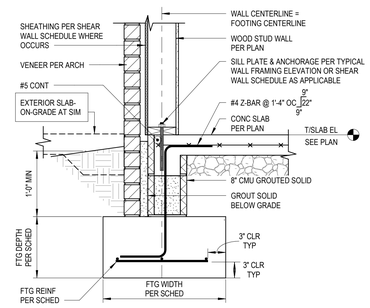
13 TYPICAL EXTERIOR WALL FOOTING
1" = 1'-0"



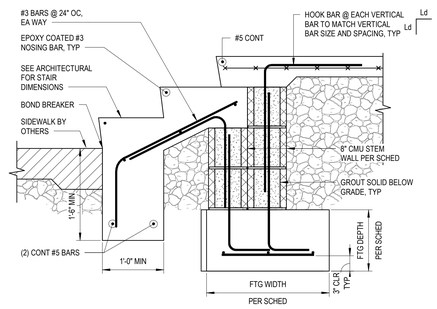
14 TYPICAL EXTERIOR WALL FOOTING
1" = 1'-0"



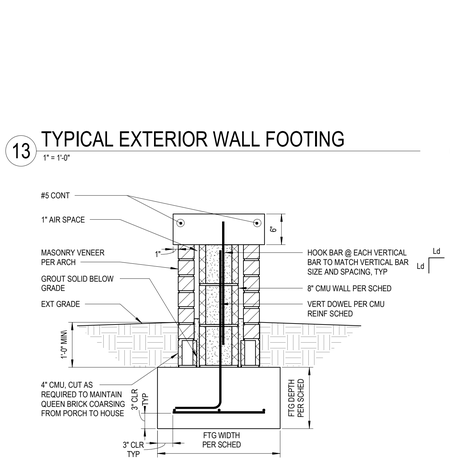
10 TYPICAL STAIR BEARING
1" = 1'-0"



11 TYP EXTERIOR WALL FOOTING
1" = 1'-0"



12 FND STAIR SECTION
1" = 1'-0"



18 FND SECTION
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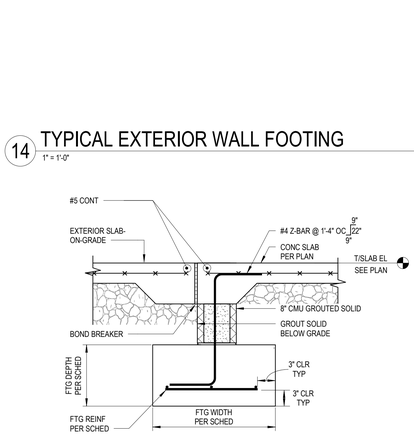
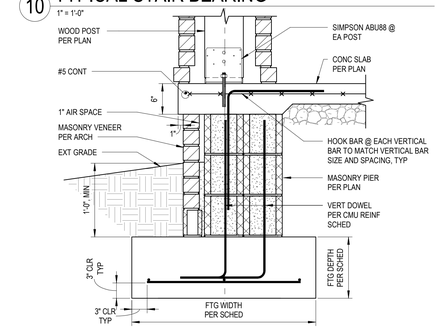
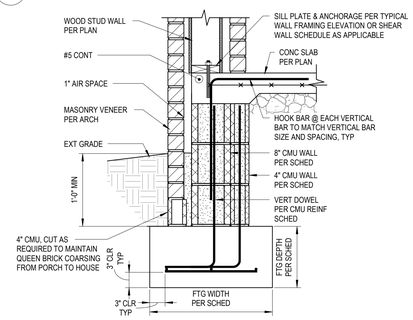


19 FND SECTION
1" = 1'-0"



15 PORCH COL DETAIL
1" = 1'-0"



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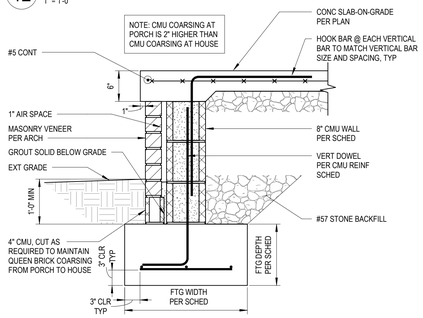
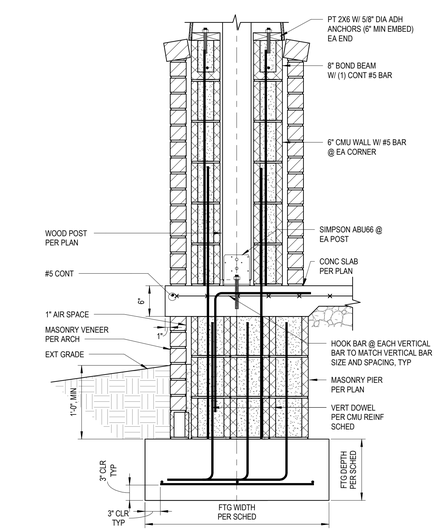


17 FND SECTION
1" = 1'-0"



25 PORCH COL DETAIL
1" = 1'-0"

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 11:53:53 AM

McCARTY HOLSAPLE McCARTY
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ARCHITECTS & INTERIOR DESIGNERS

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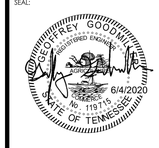

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CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

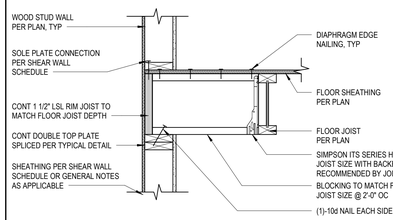
No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:
SECTIONS & DETAILS

DRAWING NO:
S201



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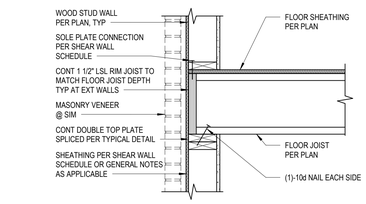
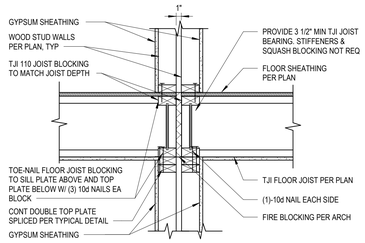
1" = 1'-0"



2 TYPICAL JOIST BEARING AT EXTERIOR WALL - FRAMING PERPENDICULAR
1" = 1'-0"

3 NOT USED
1" = 1'-0"

4 NOT USED
1 1/2" = 1'-0"



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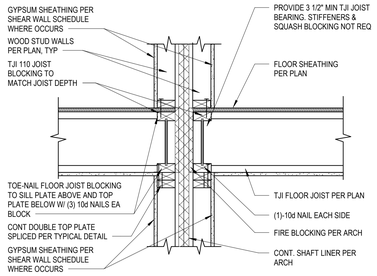
1" = 1'-0"



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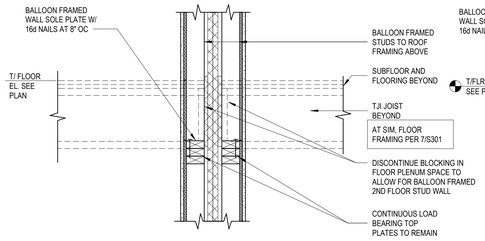

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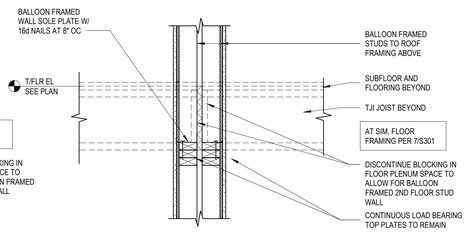
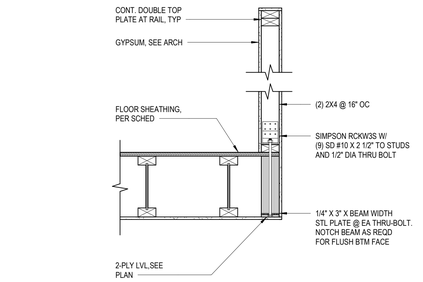
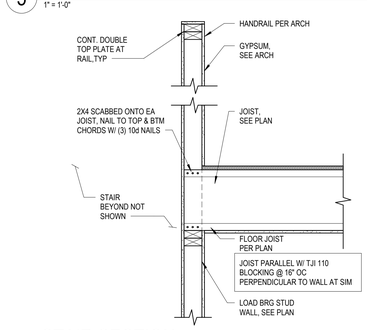
1" = 1'-0"



8 TYPICAL SECTION AT DOUBLE STAIR OPENING
1" = 1'-0"



9 STAIR SECTION
1" = 1'-0"



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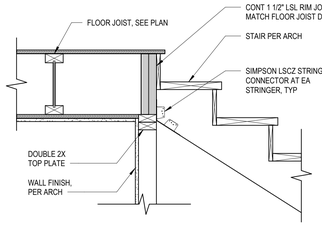

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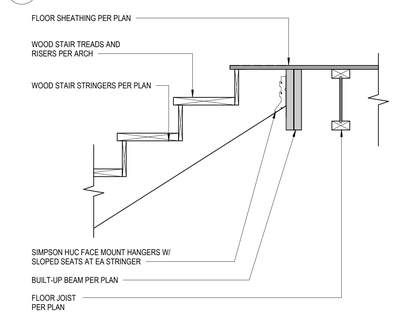

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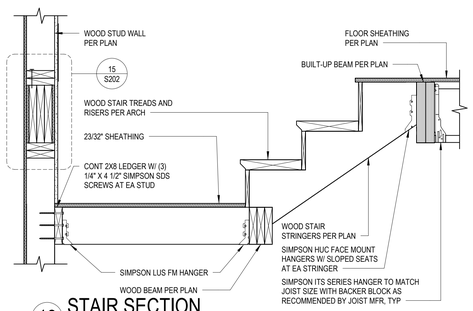

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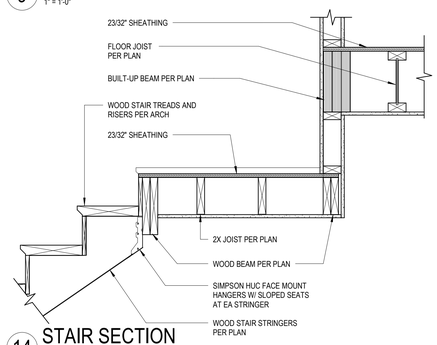

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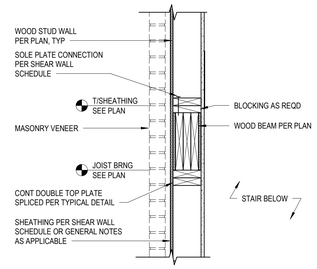

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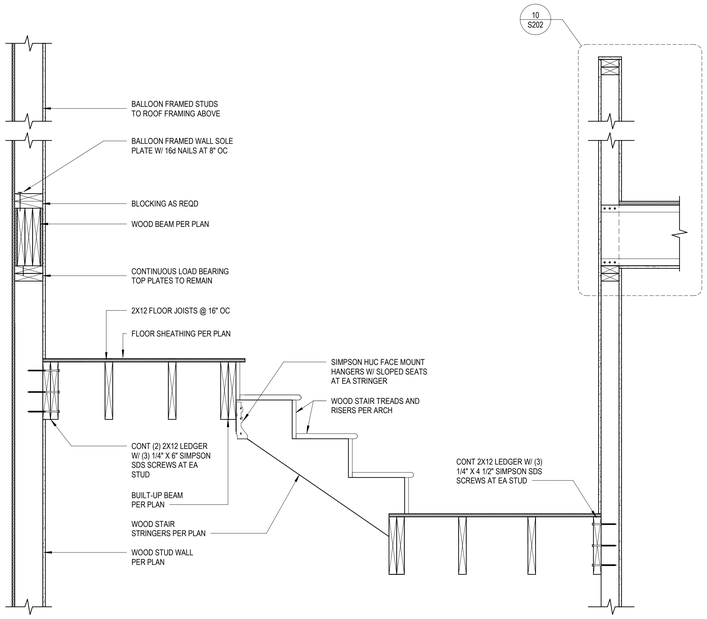

20 STAIR SECTION
1" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 11:53:59 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT DEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

© McCarty Holsaple McCarty, Inc.
Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

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DRAWING INFORMATION

SCALE:	As Indicated
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
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PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

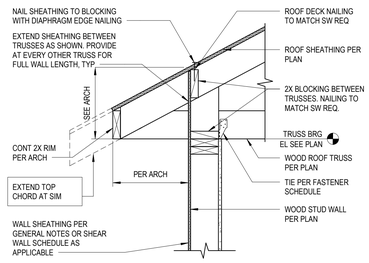
DRAWING TITLE:

SECTIONS & DETAILS

DRAWING NO:

S202

BINDING EDGE



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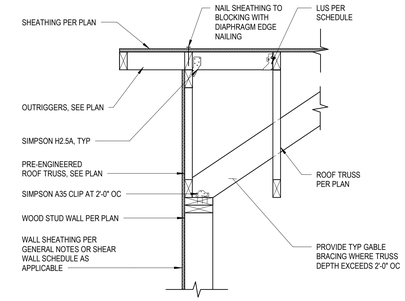
1" = 1'-0"



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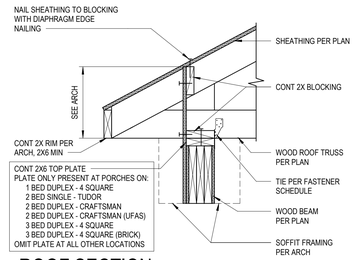

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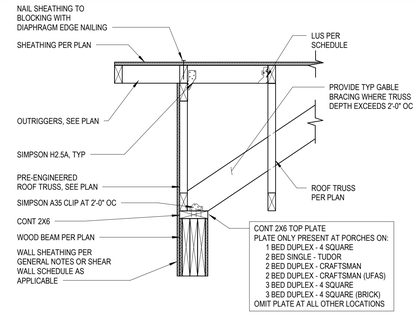

4 ROOF SECTION
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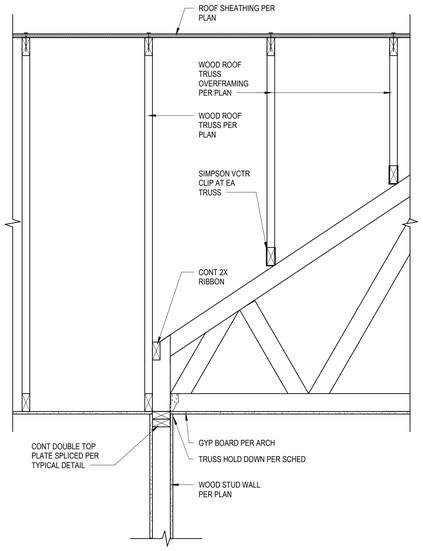

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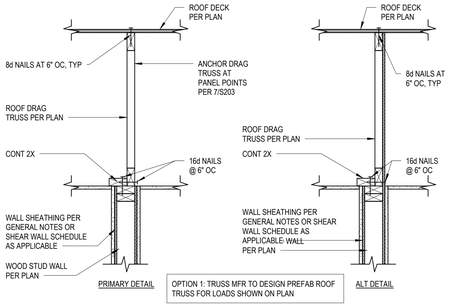
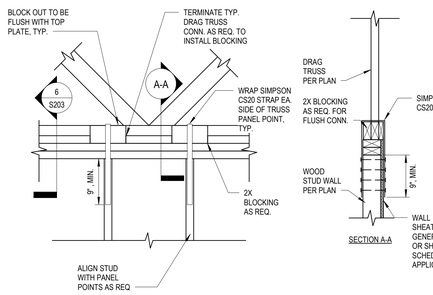
1" = 1'-0"



OPTION 1: TRUSS MFR TO DESIGN PREFAB ROOF TRUSS FOR LOADS SHOWN ON PLAN

6 TYPICAL DRAG TRUSS DETAIL
1" = 1'-0"



7 TYPICAL DRAG TRUSS HOLD DOWN
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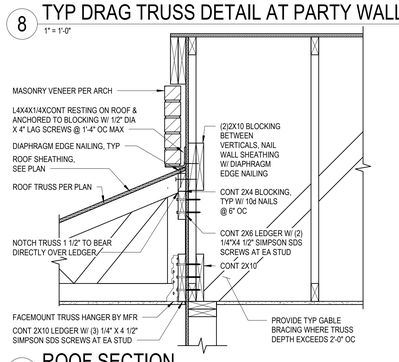

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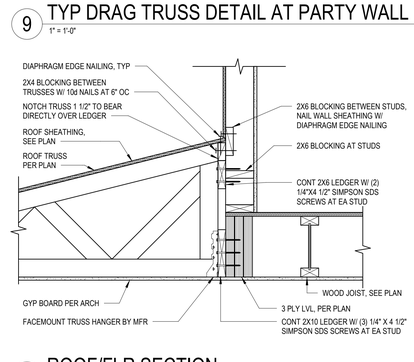
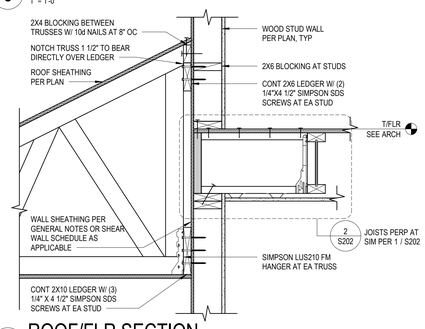


9 TYP DRAG TRUSS DETAIL AT PARTY WALL
1" = 1'-0"



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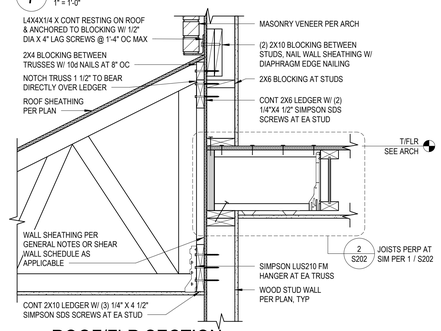
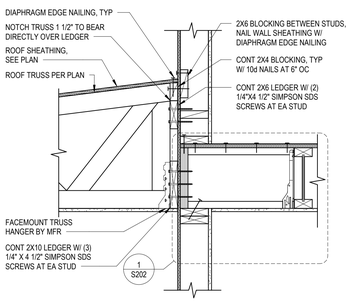


12 ROOF/FLR SECTION
1" = 1'-0"

13 ROOF SECTION
1" = 1'-0"

14 ROOF/FLR SECTION
1" = 1'-0"

20 ROOF SECTION
1" = 1'-0"



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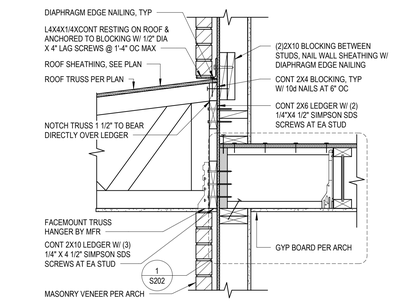

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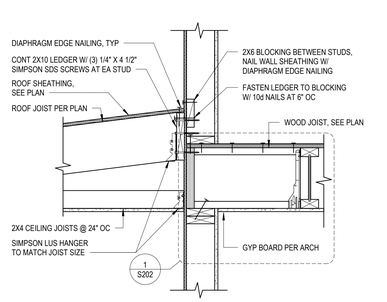

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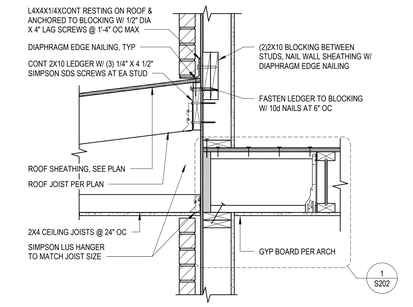

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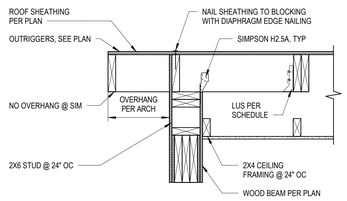

21 PORCH ROOF SECTION
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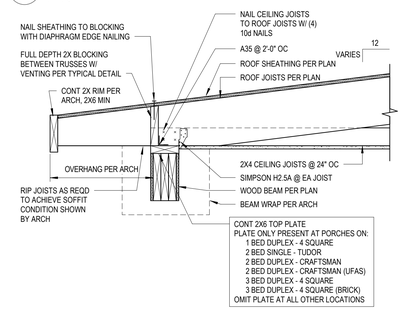

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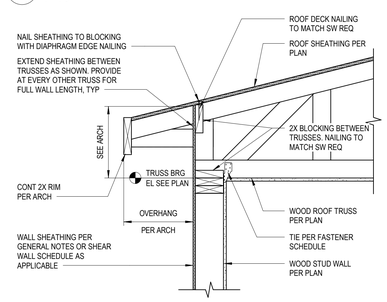

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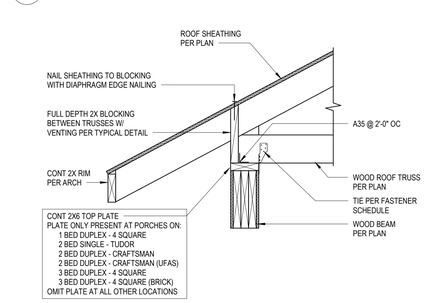

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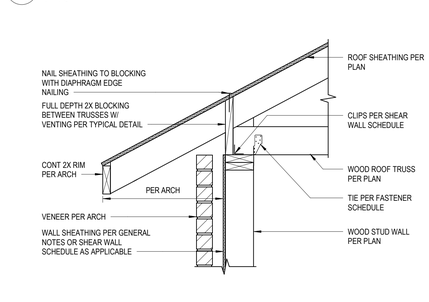

25 ROOF SECTION
1" = 1'-0"

BINDING EDGE

TIME / DATE: 6/3/2020 11:54:06 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT DEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
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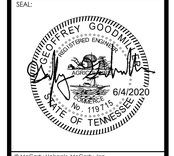
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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HAINES
STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

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DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

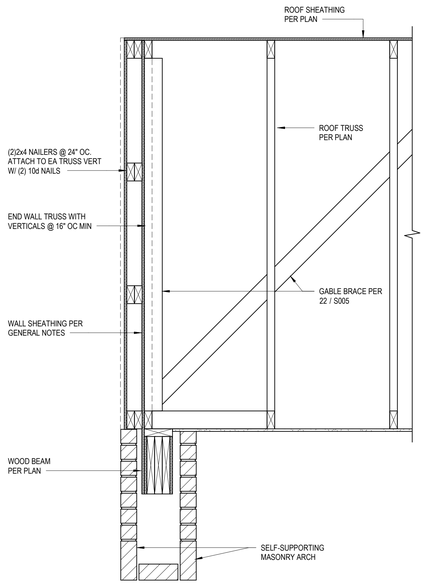
DRAWING TITLE:

SECTIONS & DETAILS

DRAWING NO:

S203

BINDING EDGE



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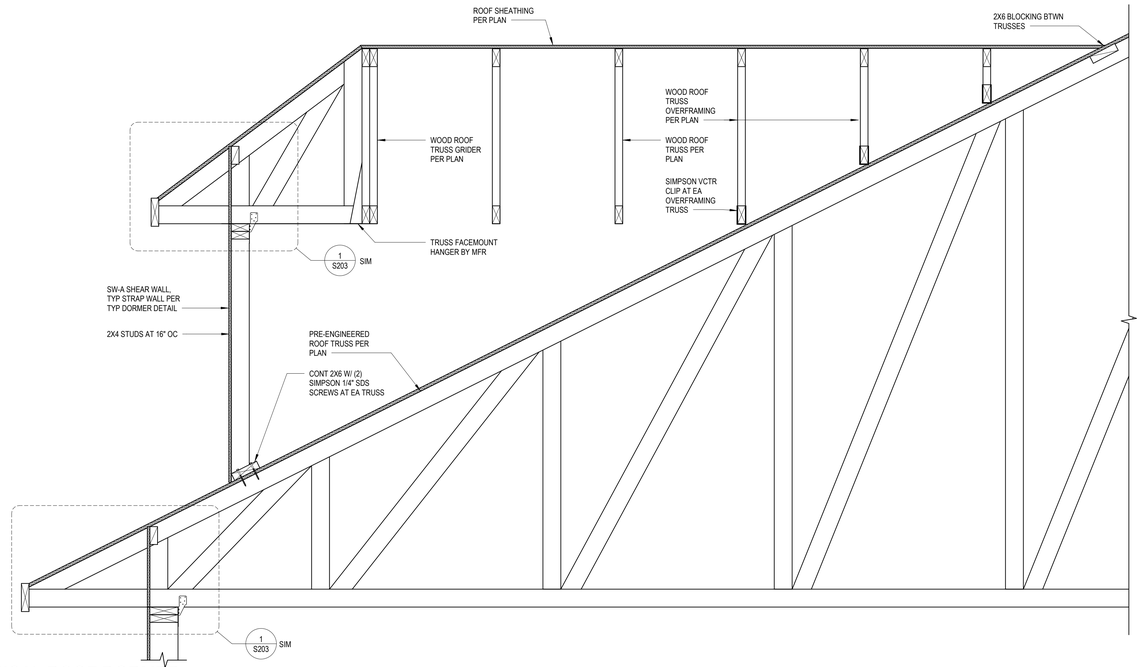
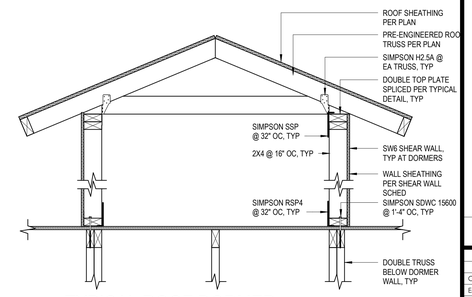
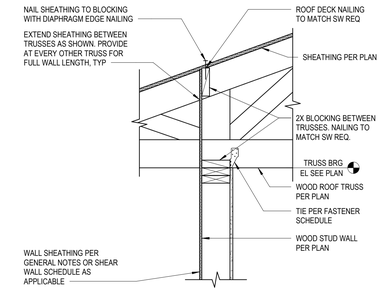


7 TYPICAL ROOF DORMER
1" = 1'-0"

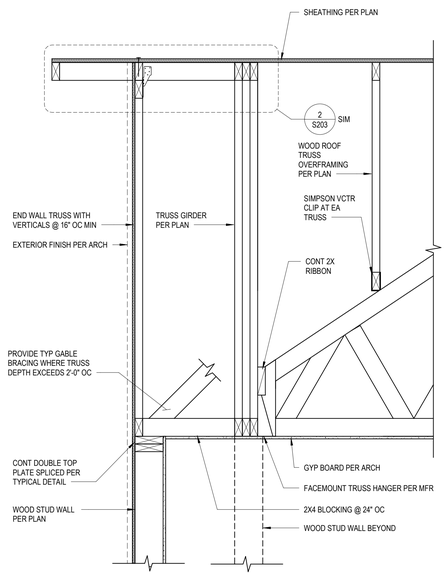


5 TYPICAL ROOF DORMER
1" = 1'-0"



10 ROOF SECTION
1" = 1'-0"

BINDING EDGE



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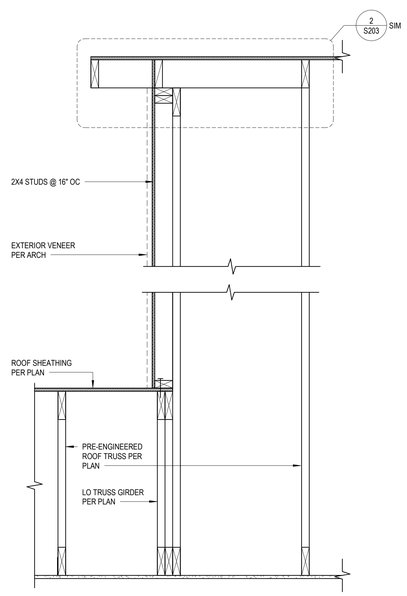

17 ROOF SECTION
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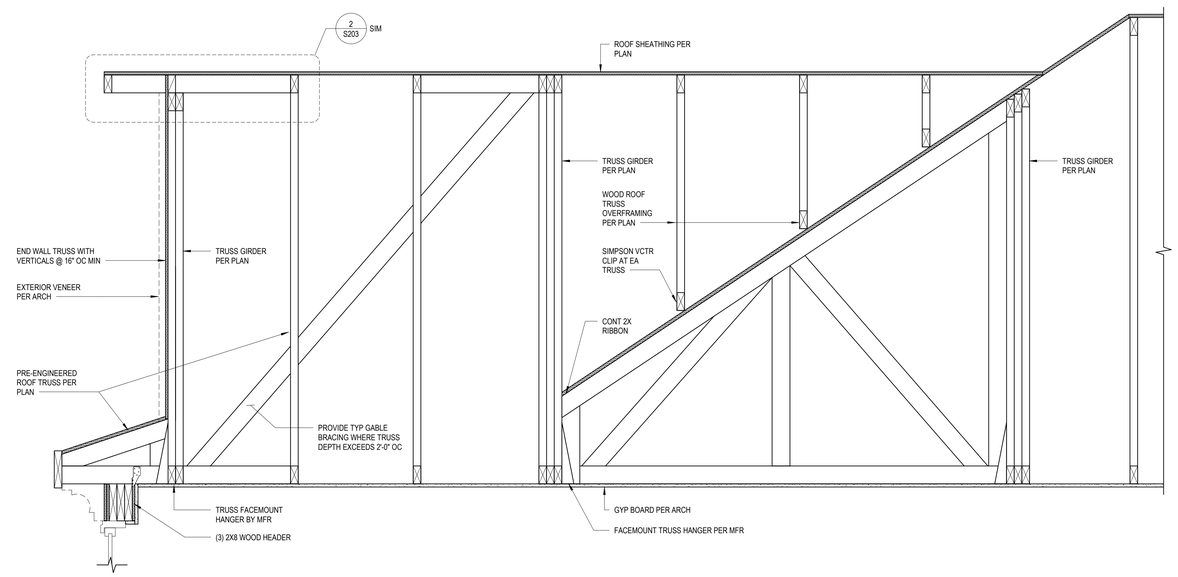
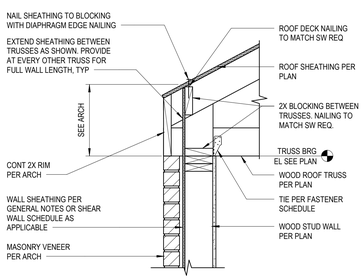


18 ROOF SECTION
1" = 1'-0"

BINDING EDGE



21 ROOF SECTION
1" = 1'-0"

TIME / DATE: 6/3/2020 11:54:12 AM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003

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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT DEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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CONSULTANT INFORMATION

HAINES STRUCTURAL GROUP
800 S. GAY STREET, STE. 1625 KNOXVILLE, TN 37929
(865) 329-9920 | WWW.HAINES-SG.COM
project no. 2019-113

CODES OFFICIAL REVIEW

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PB / MCR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH
DRAWING TITLE:	

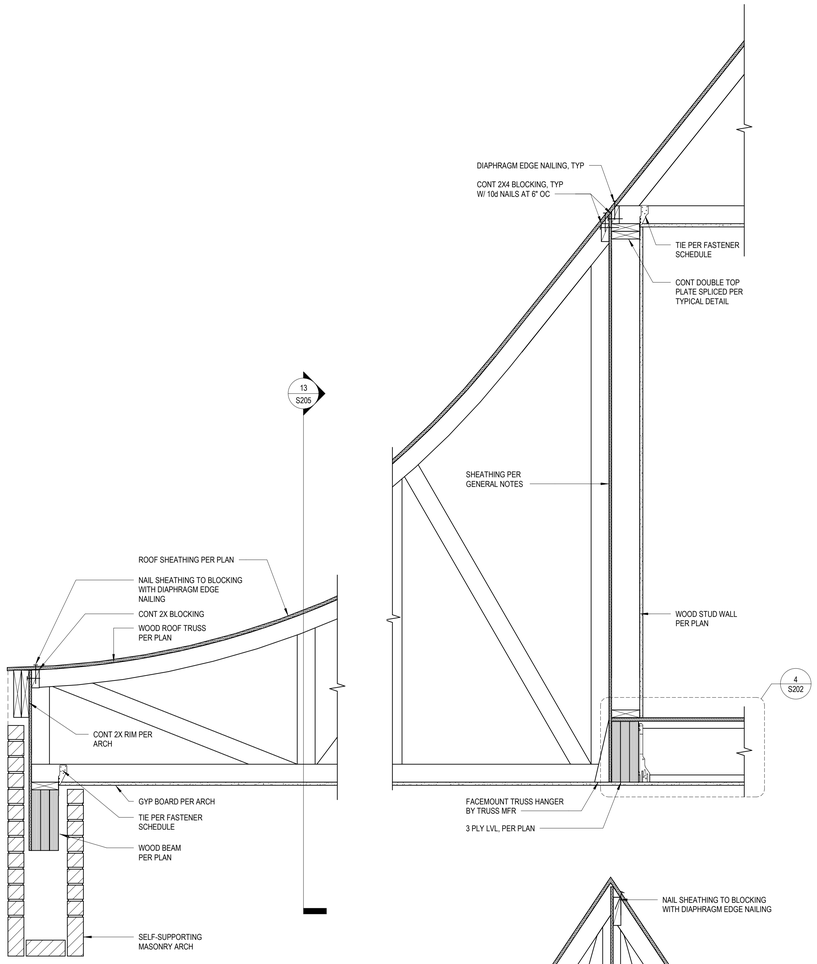
SECTIONS & DETAILS

DRAWING NO:
S204

BINDING EDGE

BINDING EDGE

BINDING EDGE



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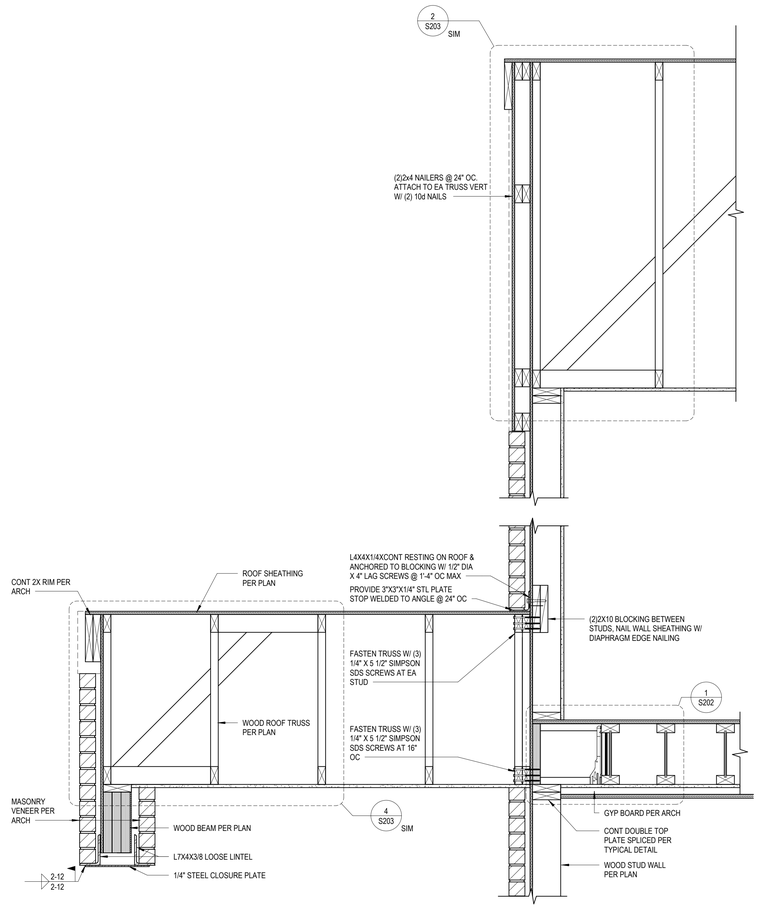

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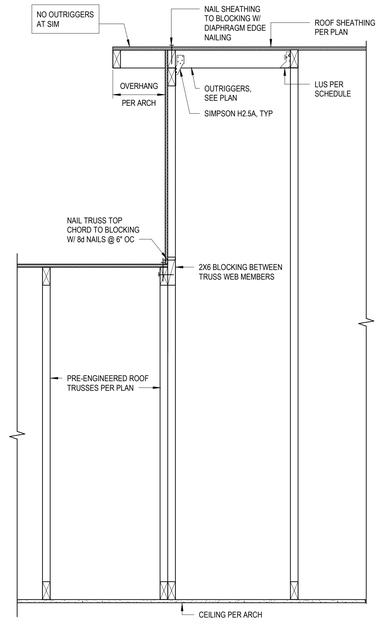

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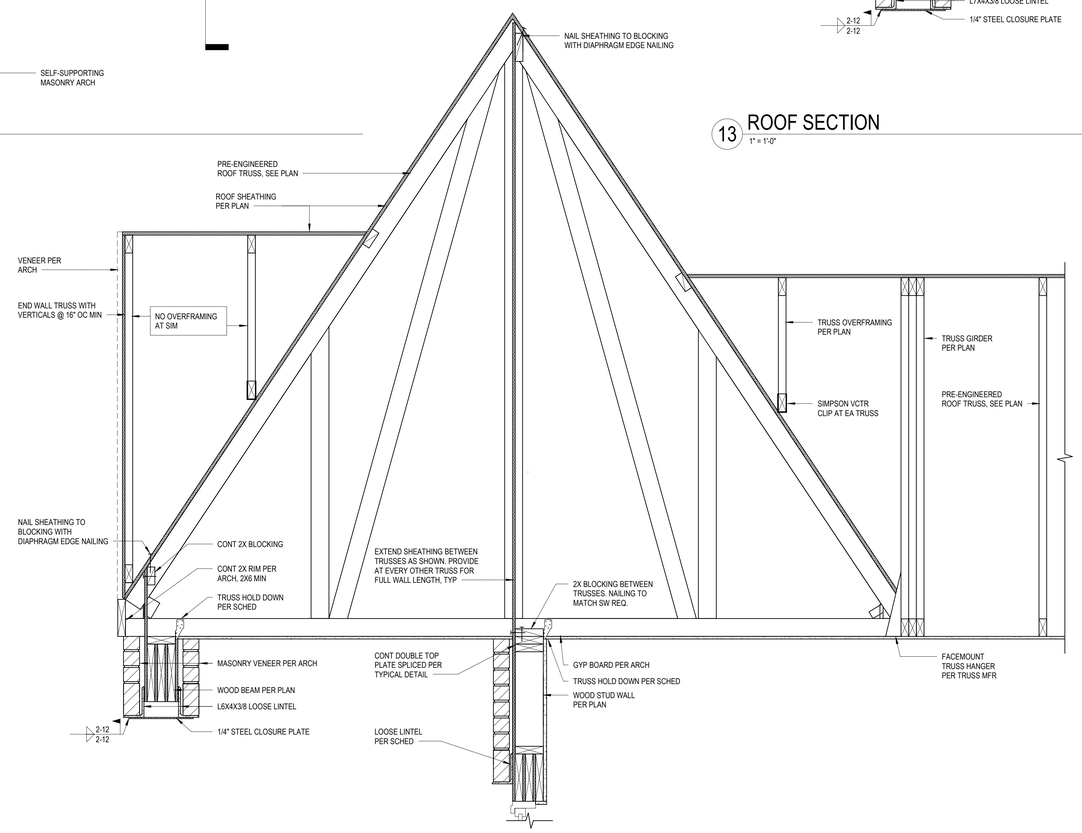

21 ROOF SECTION
1" = 1'-0"

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project no. 2019-113

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N/A
SCALE GUIDE:	
DWG ISSUED:	04 JUNE 2020
PRJ MGR:	GRG
PA / PC:	
DRAWN BY:	WBH
CHECKED BY:	RAH

DRAWING TITLE:
SECTIONS & DETAILS

DRAWING NO:
S205

BINDING EDGE

BINDING EDGE

BINDING EDGE

ELECTRIC SPLIT SYSTEM HEAT PUMP SEQUENCE
(AHU-1/HP-1, AHU-2/HP-2, AHU-3/HP-3, AHU-4/HP-4)

OCCUPIED MODE:

OCCUPANCY MODE OF THE HEAT PUMP WILL BE CONTROLLED BY A SEVEN DAY PROGRAMMABLE THERMOSTAT. DURING THE OCCUPIED MODE THE SUPPLY FAN SHALL OPERATE CONTINUOUSLY.

UNOCCUPIED MODE:

DURING THE UNOCCUPIED MODE THE SUPPLY FAN SHALL CYCLE WITH HEATING OR COOLING TO MAINTAIN UNOCCUPIED ZONE SET POINTS.

HEAT PUMP CONTROL:

WHEN THE ZONE TEMPERATURE FALLS BELOW THE ZONE TEMPERATURE SET POINT THE REVERSING VALVE (S) WILL BE INDEXED TO PROVIDE HEATING WHEN THE COMPRESSOR IS RUNNING. WHEN THE ZONE TEMPERATURE RISES ABOVE THE ZONE TEMPERATURE SET POINT THE REVERSING VALVE (S) WILL BE INDEXED TO PROVIDE COOLING MODE WHEN THE OUTDOOR AIR TEMPERATURE IS BELOW THE LOCKOUT SET POINT. THE COMPRESSOR WILL BE LOCKOUT FROM HEATING MODE WHEN THE OUTDOOR AIR TEMPERATURE IS ABOVE THE LOCKOUT SET POINT.

TEMPERATURE CONTROL:

THE UNIT WILL CONTROL TO MAINTAIN THE ZONE TEMPERATURE SET POINT AS SENSED BY THE THERMOSTAT MOUNTED ON THE WALL.

REHEAT COIL:

AUXILIARY HEATING SHALL BE STAGED WITH THE HEAT PUMP IN ORDER TO MAINTAIN ZONE TEMPERATURE SET POINTS. WHENEVER THE HEAT PUMP IS LOCKED OUT DUE TO LOW OUTSIDE AIR TEMPERATURES; THE AUXILIARY HEAT WILL BECOME THE FIRST STAGE OF HEATING.

ELECTRIC SPLIT SYSTEM HEAT PUMP SCHEDULE (TYPICAL)

INDOOR DRAWING SYMBOL	OUTDOOR DRAWING SYMBOL	CFM	CFM O.A.	EXT. S.P. IN.	CAPACITY (BTUH)			HEAT PUMP UNIT				AIR HANDLER UNIT					EVAP. FAN H.P.	EER/ SEER	HSPF	MANUFACTURER & MODEL NO.	
					TOTAL COOLING	SEN. COOLING	HEAT	WGT. LBS.	MCA	MOP	VOLT.	WGT. LBS.	AUX. HEAT	MCA	MOP	VOLT.				AIR HANDLER	HEAT PUMP
AHU 1	HP 1	600	0	0.4	18,000	14,400	15,700	160	12	20	230/1	87	4.8KW	27	30	230/1	1/3	12.5/ 15.0	8.2	RHEEM RH1V24	RHEEM RP1518
AHU 2	HP 2	800	0	0.4	23,800	18,100	23,200	176	20	30	230/1	113	4.8KW	27	30	230/1	1/3	12.5/ 15.0	8.2	RHEEM RH2V24	RHEEM RP1624
AHU 3	HP 3	1,000	---	0.7	29,400	20,800	15,750	223	18	25	230/1	113	7.2KW	41.0	45	230/1	1/3	12.5/ 15.5	9.5	RHEEM RH1T36	RHEEM RP1530
AHU 4	HP 4	1,400	---	0.47	42,500	30,000	40,000	218	24	40	230/1	150	9.6KW	55	60	230/1	1/2	12.5/ 15.0	8.2	RHEEM RH1T48	RHEEM RP1542

ACCESSORIES AND FEATURES:
* 5 YEAR COMPRESSOR WARRANTY.
* EQUIPMENT TO BE ARI CERTIFIED AND UL APPROVED.
* COOLING CAPACITY AT 80/67 E.A.T., 95 O.D.T.
* HEATING CAPACITY AT 47° O.D.T.
* ESP DOES NOT INCLUDE FILTER SECTION.
* PROVIDE FILTER RACK AND 1" THICK THROW-AWAY FILTER
* PROVIDE DIGITAL NON-PROGRAMMABLE THERMOSTAT WITH AUTO-SWITCH OVER, EQUAL TO HONEYWELL RTH5100B.
* PROVIDE PRE-CHARGED REFRIGERANT LINE KITS. (PROVIDE ACR COPPER REFRIGERANT TUBING WITH FILTER-DRYER, SIGHT GLASS, AND SERVICE VALVES).
* PROVIDE LOW AMBIENT HEAD PRESSURE CONTROL TO 0°F.
* ALTERNATE MANUFACTURERS: TRANE, YORK, AND LENNOX
* CONTRACTOR SHALL REFER TO PLANS FOR QUANTITIES.
* PROVIDE AIR HANDLERS WITH SINGLE POINT POWER CONNECTION.

EXHAUST FAN SCHEDULE (TYPICAL)

DRAWING SYMBOL	AMCA CFM	S.P. IN WATER	RPM	WATTS	TYPE	CONTROL	VOLTAGE	SONES	WEIGHT LBS.	MANUFACTURER & MODEL NO.	NOTES
EF 1	100	0.375	757	128	CEILING	WALL SWITCH	120/1/60	1.5	15	GREENHECK SP-B150	1,2,3,4,5
EF 2	70	0.375	728	80	CEILING	WALL SWITCH	120/1/60	1.0	11	GREENHECK SP-B110	1,2,3,4,5

ACCESSORIES AND FEATURES:
1. PROVIDE BACKDRAFT DAMPER.
2. PROVIDE FACTORY MOUNTED SPEED CONTROL.
3. PROVIDE FAN/LIGHT COMBO, WITH PRISMATIC LENS AND 10W BULB.
4. PROVIDE SmartExhaust BATH FAN SWITCH WITH VENTILATION CONTROL AND DELAY TIMER. THE FINAL RUN TIME OF THE EXHAUST SHALL BE DETERMINED DURING THE BLOWER TEST AT COMPLETION OF THE PROJECT.
5. IN UNITS WHERE ONE RESIDENCE OCCUPIES TWO FLOORS, ONLY PROVIDE THE SmartExhaust BATH FAN CONTROLLER ON THE UPSTAIRS COMMON BATHROOM.
6. CONTRACTOR SHALL REFER TO PLANS FOR QUANTITES.
7. PROVIDE MANUFACTURER'S WALL CAP OR ROOF CAP. REFER TO DRAWINGS.

DRYER BOOSTER FAN SCHEDULE (TYPICAL)

DRAWING SYMBOL	AMCA CFM	S.P. IN WATER	RPM	WATTS	TYPE	VOLTAGE	SONES	WEIGHT LBS.	MANUFACTURER & MODEL NO.
DB 1	145	0.4	2899	80	DIRECT	115/1/60	--	9	FANTECH DBF110

1. REFER TO DRAWINGS FOR LOCATIONS AND QUANTITIES.
2. PROVIDE PRESSURE SWITCH, MOUNTING BRACKETS.
3. CONTRACTOR SHALL REFER TO DRAWINGS FOR QUANTITIES.

ELECTRIC HEATER SCHEDULE

DRAWING SYMBOL	KW	CONTROL	AMPS	VOLTAGE	WEIGHT LBS.	MANUFACTURER & MODEL NUMBER
EUH 1	2.0	T-STAT	8.3	240/1	--	MARKEL HF3384D-RP

ACCESSORIES AND FEATURES:
* UNITS MUST BE UL-LISTED
* ALTERNATIVE MANUFACTURERS: QMARK, DAYTON

HVAC LEGEND & SYMBOLS

SYMBOL	DESCRIPTION
OR	A. RECTANGULAR DUCT: * MANUAL OPPOSED BLADE DAMPER WITH LOCKING QUADRANT. LEVER OPERATOR, OF STEEL CONSTRUCTION. * LOUVERS & DAMPERS MODEL CD-400; KRUEGER MODEL 0BD-DM TYPE 2 OPERATION FOR LESS THAN 10" WIDE. B. ROUND DUCT: * ROUND BLADE CONTROL DAMPER OF STEEL CONSTRUCTION WITH MANUAL OPERATOR * LOUVERS AND DAMPERS MODEL CD-600.
OR	RECTANGULAR ELBOW WITH SINGLE THICKNESS TURNING VANES OF STEEL CONSTRUCTION.
45° L W	CONSTRUCT ALL BRANCH CONNECTIONS WITH 45° FITTING PER SMACNA STANDARDS. DIMENSION: L = 1/4W, 4"MINIMUM
D	SHEET METAL CONNECTORS, INC. HIGH EFFICIENCY TAKEOFF WITH DAMPER AND LOCKING QUADRANT FOR ROUND DUCT TAKEOFFS FROM RECTANGULAR DUCTWORK. INCREASE MAIN DUCT SIZE AT FITTING TO ACCOMMODATE ITS INSTALLATION IF REQUIRED TO MEET SMACNA AND MANUFACTURER'S INSTRUCTIONS. DIMENSION: D = RUNOUT DIAMETER (6"-14")
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
	SUPPLY DUCT RISER
	SUPPLY DUCT DROP
	ROUND SUPPLY DUCT RISER
	ROUND SUPPLY DUCT DROP
	FLEXIBLE DUCT EQUAL TO FLEXMASTER TYPE 3 INSULATED FLEXIBLE DUCT WITH ALUMINUM FOIL JACKET AND ALUMINUM FOIL FIBERGLASS POLYESTER LAMINATE LINER. INSTALL IN ACCORDANCE WITH SECTION III OF SMACNA'S "HVAC DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE".
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
XX XX	INDICATES NEW HVAC EQUIPMENT
	DUCT TRANSITION
DG	DOOR GRILLE
T	WALL MOUNTED THERMOSTAT
	SUPPLY DIFFUSER W/FLEX DUCT
	RETURN GRILLE
	EXHAUST GRILLE OR EXHAUST FAN (REFER TO DRAWINGS FOR CLARIFICATION)
	TRANSFER GRILLE

AIR DISTRIBUTION SCHEDULE

SYM.	SERVICE	DESCRIPTION	MATERIAL	MFG & MOD	ACCESSORIES & FEATURES
CD-1	LOUVERED SUPPLY REGISTER	* FOUR-WAY DEFLECTION * FACE AIR VOLUME CONTROL	STEEL CONSTRUCTION WITH WHITE BAKED ENAMEL FINISH	HART & COOLEY FPD3	* OPPOSED BLADE DAMPER * NC < 35 * FACE VELOCITY TO BE BETWEEN 500-700 FPM
CD-2	LOUVERED SUPPLY REGISTER	* THREE-WAY DEFLECTION * FACE AIR VOLUME CONTROL	STEEL CONSTRUCTION WITH WHITE BAKED ENAMEL FINISH	HART & COOLEY A6130BD	* OPPOSED BLADE DAMPER * NC < 35 * FACE VELOCITY TO BE BETWEEN 500-700 FPM
	LOUVERED TRANSFER GRILLE	* FREE PATTERN	STEEL CONSTRUCTION WITH WHITE BAKED ENAMEL FINISH	HART & COOLEY 672	* NC < 35 * FACE VELOCITY TO BE 500 FPM MAXIMUM
SS-1	LOUVERED SIDEWALL SUPPLY REGISTER	* THREE-WAY DEFLECTION * FACE AIR VOLUME CONTROL	STEEL CONSTRUCTION WITH BAKED ENAMEL	HART & COOLEY MODEL 683M	* OPPOSED BLADE DAMPER * NC < 35 BETWEEN 500-700 FPM
RG-1	LOUVERED CEILING RETURN FILTER GRILLE	* FREE PATTERN	STEEL WITH BAKED ENAMEL FINISH	HART & COOLEY MODEL 673	* NC < 35 * FACE VELOCITY TO BE 500 FPM MAXIMUN

* SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING TYPE REQUIRED. PROVIDE PLASTER FRAME FOR ALL AIR DEVICES LOCATED IN GYP. BOARD CEILINGS.
* VERIFY THE MOUNTING OF ALL CEILING AIR DISTRIBUTION DEVICES COMPLY WITH BUILDING STRUCTURE PRIOR TO PURCHASE.

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF H.V.A.C. COMPONENTS OR PURCHASE OF EQUIPMENT.
2. CONTRACTOR SHALL COORDINATE ALL OTHER TRADES WITH THE INSTALLATION OF H.V.A.C. SYSTEM.
3. H.V.A.C. LEGEND MAY CONTAIN SYMBOLS AND ABBREVIATIONS NOT USED ON THIS SPECIFIC PROJECT, LEGEND SHALL BE USED FOR REFERENCE PURPOSES.
4. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE H.V.A.C. SYSTEM AS IT RELATES TO DRAWINGS AND SPECIFICATIONS.
5. CONTRACTOR IS REQUIRED TO REVIEW ARCHITECTURAL PLANS FOR RATED ASSEMBLIES. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF FIRE AND/OR SMOKE DAMPERS IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE BUILDING CODES.
6. "STANDARD" ACCESSORIES OR CONTROLS ON H.V.A.C. EQUIPMENT SHALL BE THOSE WHICH MANUFACTURER PROVIDES ON THE MAJORITY OF STOCK MERCHANDISE.
7. BRAND NAMES AND MODEL NUMBERS ARE PROVIDED TO ESTABLISH A LEVEL OF QUALITY AND PERFORMANCE. "EQUAL TO" ITEMS MAY BE SUBMITTED FOR CONSIDERATION BY THE ENGINEER AND OWNER.
8. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATE THE APPROXIMATE ROUTING OF PIPING AND DUCTWORK. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES. MINOR OFFSETS AND ADJUSTMENTS SHALL BE PROVIDED WHERE REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
9. COORDINATE CEILING DIFFUSERS AND REGISTER LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN.

HVAC NOTES:

1. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE SUPPLY, RETURN AND EXHAUST DUCT AS FOLLOWS: DUCTWORK TO BE DESIGNED, BRACED, AND SUPPORTED IN ACCORDANCE WITH SMACNA FOR LOW PRESSURE APPLICATIONS, SEAL CLASS C PER SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE DUCTWORK (FLEXIBLE DUCT MAX. 5') SMACNA-06). SINGLE WIRE HANGERS SHALL NOT BE ALLOWED FOR FLEXIBLE DUCTWORK SUPPORT. FLEXIBLE DUCTWORK SHALL BE SUPPORTED IN A MANNER THAT PREVENTS CONSTRICTION OR DIPS. INSULATION SHALL BE AS NOTED BELOW.
2. ALL DUCT ELBOWS SHALL BE 1.5 R/D, UNLESS NOTED OTHERWISE.
3. MANUAL, OPPOSED BLADE DAMPERS SHALL BE PLACED IN EACH BRANCH OF SUPPLY DUCTWORK FOR FINAL BALANCING PURPOSES. BALANCING DEVICES SHALL BE IN ACCORDANCE WITH IMC (2012) 603.18.
4. CONTRACTOR SHALL FIELD VERIFY ALL DUCT ROUTING DIMENSIONS AND TERMINAL DEVICES TO AVOID INTERFERENCES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL SUPPORTS FOR PIPING AND DUCTWORK.
5. CONDENSATE DRAIN PIPING SHALL BE FULL SIZE PER EQUIPMENT CONNECTION ROUTED TO INDIRECT CONNECTION WITHOUT CREATING AN OBSTRUCTION. ALL SUPPORTS FOR THE CONDENSATE DRAIN PIPING IS BY THE MECHANICAL/HVAC CONTRACTOR.
6. THE MECHANICAL SYSTEMS SHALL HAVE TESTING AND BALANCING PERFORMED BY THE CONTRACTOR RESPONSIBLE FOR THE INSTALLATION OF THE SYSTEM(S). THE CONTRACTOR SHALL PREPARE AND SUBMIT A COMPLETE REPORT IDENTIFYING ALL MAJOR PIECES OF HVAC EQUIPMENT AND AIR DISTRIBUTION DEVICES WITH PERFORMANCES AND FINAL AIR BALANCE OF EACH. SUBMITTAL SHALL BE PRESENTED TO THE ENGINEER AND BUILDING OWNER OR TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL.
7. PROVIDE MINIMUM 10 FEET SEPARATION BETWEEN OUTSIDE AIR INTAKES AND EXHAUST VENTS, PLUMBING VENTS, ETC.
8. THERMOSTATS SHALL BE MOUNTED 48" ABOVE FINISHED FLOOR UNLESS INDICATED OTHERWISE.
9. PROVIDE ACCESS DOOR (12"x12" MIN) AS REQUIRED FOR DAMPER AND CONTROL ACCESS IN WALLS AND CEILINGS.

DUCT SEALING:

A. PRESSURE SENSITIVE TAPE USED AS THE PRIMARY SEALANT IS CERTIFIED AND SHALL COMPLY WITH UL-181A OR UL-181B.
B. PROVIDE LONGITUDINAL SEAMS ON RIGID DUCT AND TRANSVERSE SEAMS ON ALL DUCTS.
C. PROVIDE MECHANICAL FASTENERS AND SEALANTS SHALL BE USED TO CONNECT DUCTS AND AIR DISTRIBUTION DEVICES.

PENETRATIONS:

1. SLEEVES SHALL BE INSTALLED WHERE DUCTS, LOUVERS, OR PIPING PENETRATE NON-RATED EXTERIOR WALLS, PARTITIONS, FLOORS, OR ROOF. PACK AROUND SLEEVES AND SEAL WEATHER TIGHT. INSTALL FLASHING AS REQUIRED. SLEEVES SHALL BE MINIMUM 16 GAUGE GALVANIZED STEEL AND SHALL BE FIRMLY SET IN BUILDING STRUCTURE.

SUBMITTALS AND ACCEPTANCE:

1. UNLESS OTHERWISE INSTRUCTED, THE CONTRACTOR SHALL SUBMIT THREE (3) SETS OF HVAC SHOP DRAWINGS TO THE PROJECT MANAGER WHO SHALL THEN RELAY THEM TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL PRIOR TO THE PURCHASE OF EQUIPMENT.
2. OPERATION AND MAINTENANCE MANUALS FOR ALL MECHANICAL EQUIPMENT SHALL BE COMPILED INTO A THREE RING BINDER AND TURNED OVER TO BUILDING OWNER UPON PROJECT COMPLETION.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

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OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

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- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 102036
STATE OF TENNESSEE
6/4/2020

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SCALE:	As indicated
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

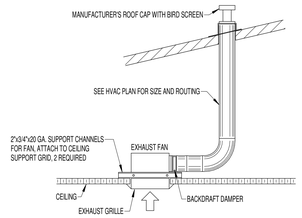
MECHANICAL NOTES, LEGENDS, SCHEDULES, AND CONTROLS

DRAWING NO:

M001

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

TIME / DATE: 6/3/2020 1:48:51 PM



CEILING EXHAUST FAN DETAIL
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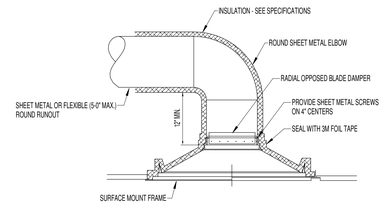

TYPICAL HORIZONTAL CEILING DIFFUSER DETAIL
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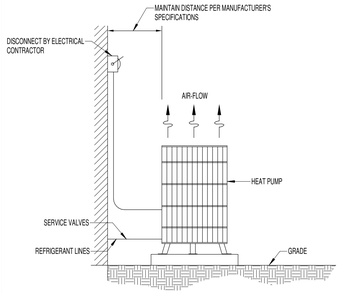

OUTDOOR AIR COOLED HEAT PUMP UNIT DETAIL
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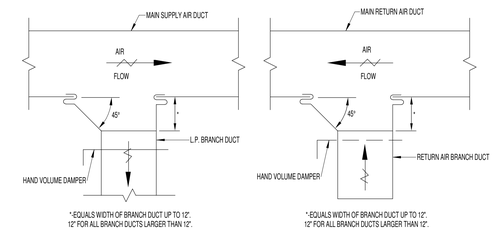
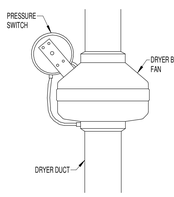
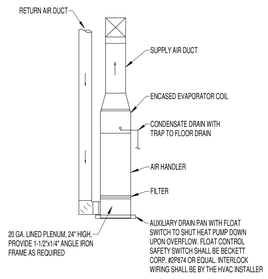


TYPICAL SUPPLY AIR BRANCH DUCT TAKE-OFF
NO SCALE

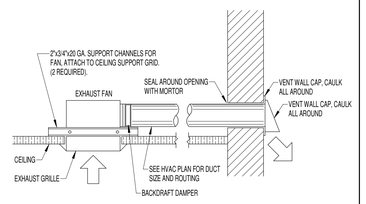
TYPICAL RETURN AIR BRANCH DUCT TAKE-OFF
NO SCALE



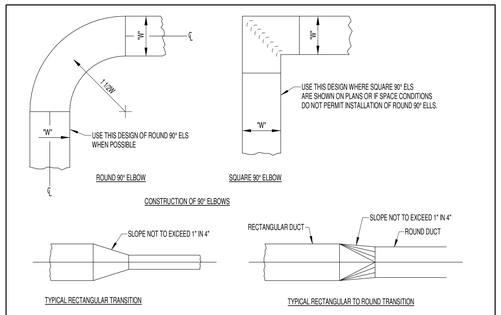
DRYER BOOSTER FAN DETAIL
NO SCALE



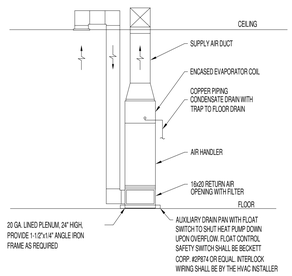
VERTICAL HEAT PUMP INSTALLATION DETAIL
NO SCALE



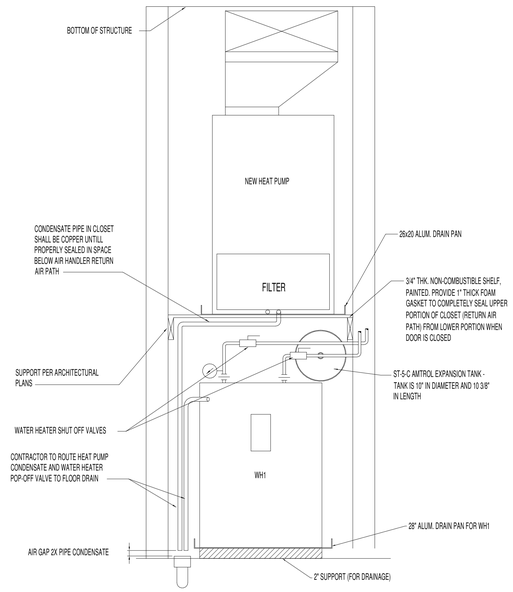
CEILING EXHAUST FAN DETAIL
NO SCALE



DETAILS OF THE LOW VELOCITY DUCT LAYOUT
NO SCALE

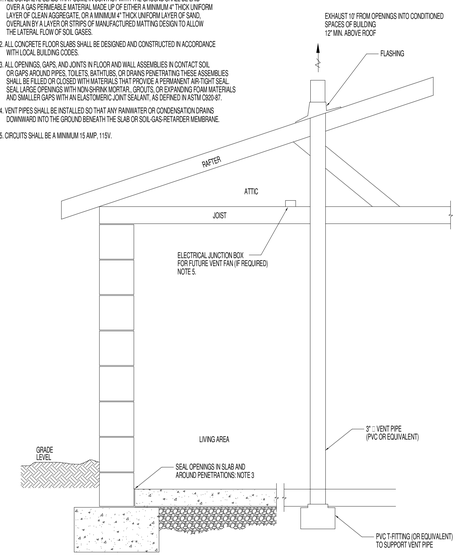


VERTICAL HEAT PUMP INSTALLATION DETAIL
NO SCALE



MECHANICAL CLOSET WATER HEATER DETAIL
SCALE: NTS

NOTES:
1. ALL CONCRETE SLABS THAT COME IN CONTACT WITH THE GROUND SHALL BE LAID OVER A GAS PERMEABLE MATERIAL MADE UP OF EITHER A MINIMUM 4" THICK UNIFORM LAYER OF CLEAN AGGREGATE, OR A MINIMUM 4" THICK UNIFORM LAYER OF SAND, OVERLAIN BY A LAYER OR STRIPS OF MANUFACTURED MATTING DESIGN TO ALLOW THE LATERAL FLOW OF SOIL GASES.
2. ALL CONCRETE FLOOR SLABS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL BUILDING CODES.
3. ALL OPENINGS, GAPS, AND JOINTS IN FLOOR AND WALL ASSEMBLIES IN CONTACT SOIL OR GAPS AROUND PIPES, TOILETS, BATHTUBS, OR DRAINS PENETRATING THESE ASSEMBLIES SHALL BE FILLED OR CLOSED WITH MATERIALS THAT PROVIDE A PERMANENT AIR-TIGHT SEAL. SEAL LARGE OPENINGS WITH NON-SHRINK MORTAR, GROUTS, OR EXPANDING FOAM MATERIALS AND SMALLER GAPS WITH AN ELASTOMERIC JOINT SEALANT, AS DEFINED IN ASTM C920-87.
4. VENT PIPES SHALL BE INSTALLED SO THAT ANY RAINWATER OR CONDENSATION DRAINS DOWNWARD INTO THE GROUND BENEATH THE SLAB OR SOIL-GAS-RETARDER MEMBRANE.
5. CIRCUITS SHALL BE A MINIMUM 15 AMP, 115V.



PASSIVE RADON EVACUATION SYSTEM DETAIL
NO SCALE

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 1:48:53 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 27
STATE OF TENNESSEE
COMMERCE
REG. 102008
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/8" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

MECHANICAL DETAILS

DRAWING NO:

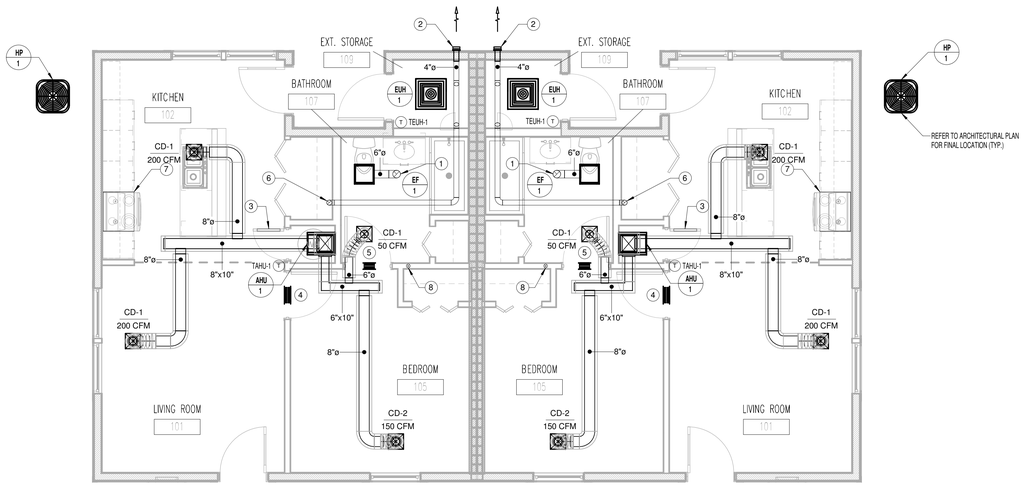
M002

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

BINDING EDGE



KEY NOTES:

1. 6"Ø EXHAUST THROUGH ROOF. TERMINATE WITH MANUFACTURER'S ROOF CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 1.2C 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:01 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101825
COMMERCE
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

1.2.C - 1 BED DUPLEX HVAC PLAN - CRAFTSMAN

DRAWING NO:

M110

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
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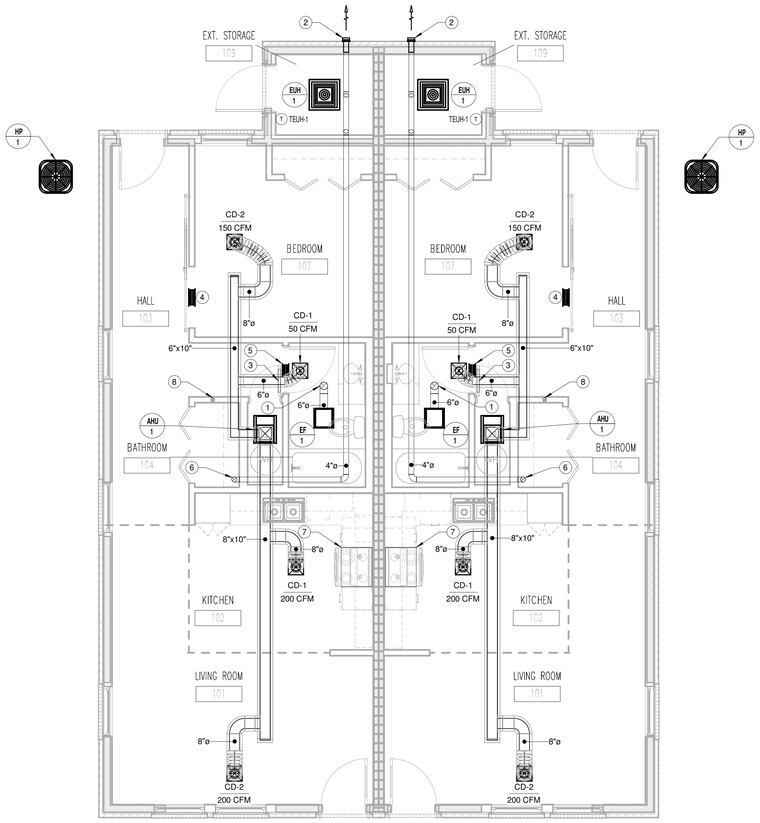

KEY NOTES:	
1	6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
2	4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3	FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4	(2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5	(2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6	PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7	RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8	3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 1.2F 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/3/2020 1:49:10 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN ACCORDANCE WITH
COMMERCE
REG. 102028
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PIU MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

1.2.F - 1 BED DUPLEX HVAC PLAN - 4 SQUARE

DRAWING NO:

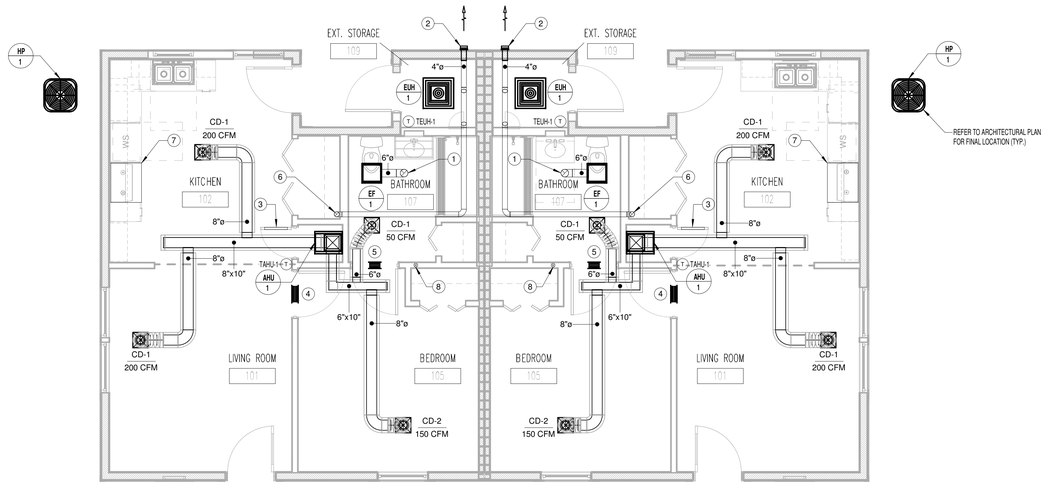
M111

FACILITY SYSTEMS CONSULTANTS, LLC
719 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

BINDING EDGE



KEY NOTES:

1. 6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
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4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 1.2C(u) 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:15 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHNMATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 102036
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

1.2.C(u) - 1 BED DUPLEX HVAC PLAN - CRAFTSMAN (UFAS)

DRAWING NO:

M115

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

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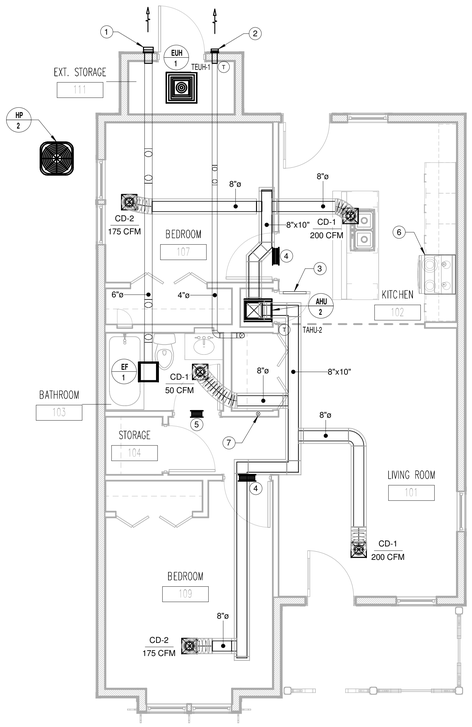

KEY NOTES:	
1	6"Ø EXHAUST THROUGH WALL @ APPROX 10'-0" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2	4"Ø EXHAUST THROUGH WALL @ APPROX 10'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3	FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4	(2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5	(2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6	RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
7	3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 2.1V 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:21 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
EMAIL:	
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN THE
STATE OF
TENNESSEE
No. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

2.1.V - 2 BED SINGLE HVAC PLAN - VICTORIAN

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

DRAWING NO:

M120

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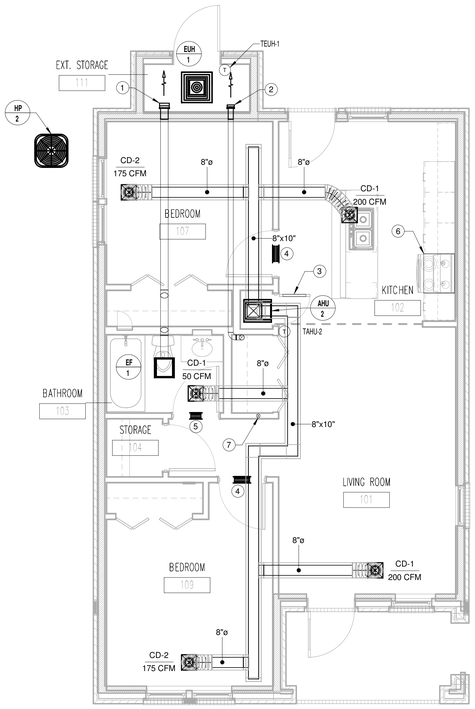

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 12'-0" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 12'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
7. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 2.1T 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:29 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101825
COMMERCE
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

2.1.T - 2 BED SINGLE HVAC PLAN - TUDOR

DRAWING NO:

M121

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

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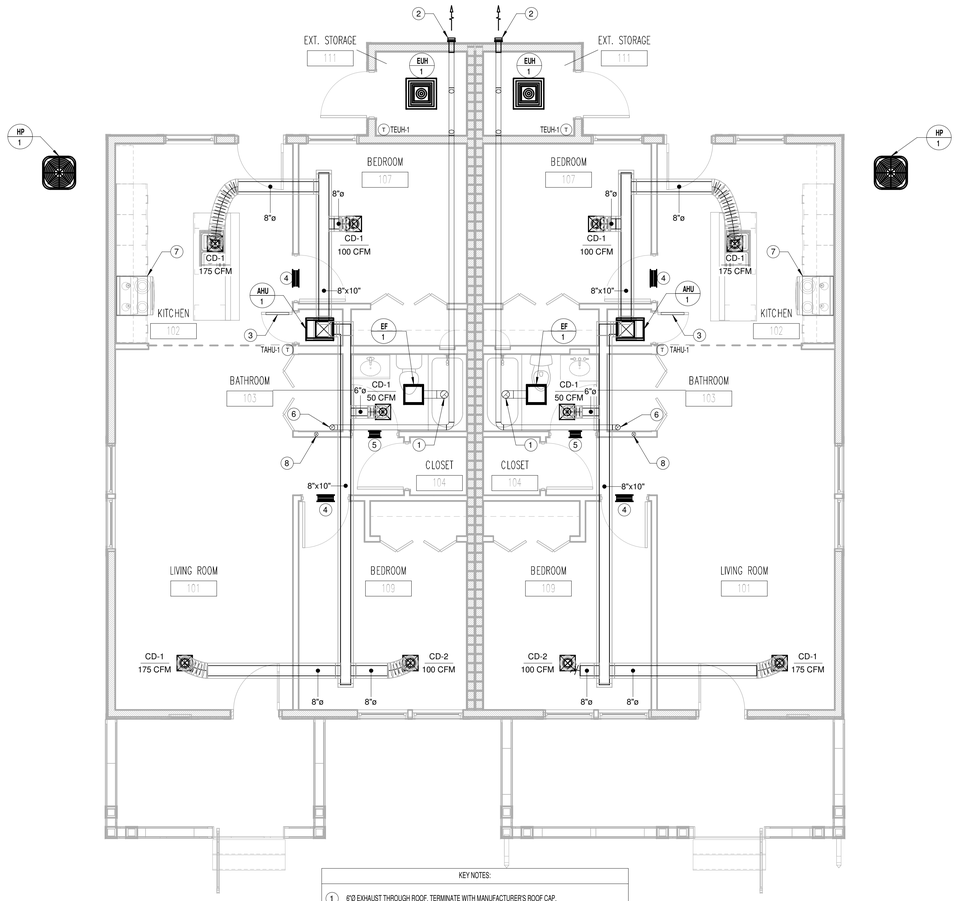
BINDING EDGE

BINDING EDGE



KEY NOTES:

1. 6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 2.2C 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:37 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

2.2.C - 2 BED DUPLEX HVAC PLAN - CRAFTSMAN

DRAWING NO:

M130

FACILITY SYSTEMS CONSULTANTS, LLC
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Knoxville, Tennessee 37902
Phone: (865) 246-0164
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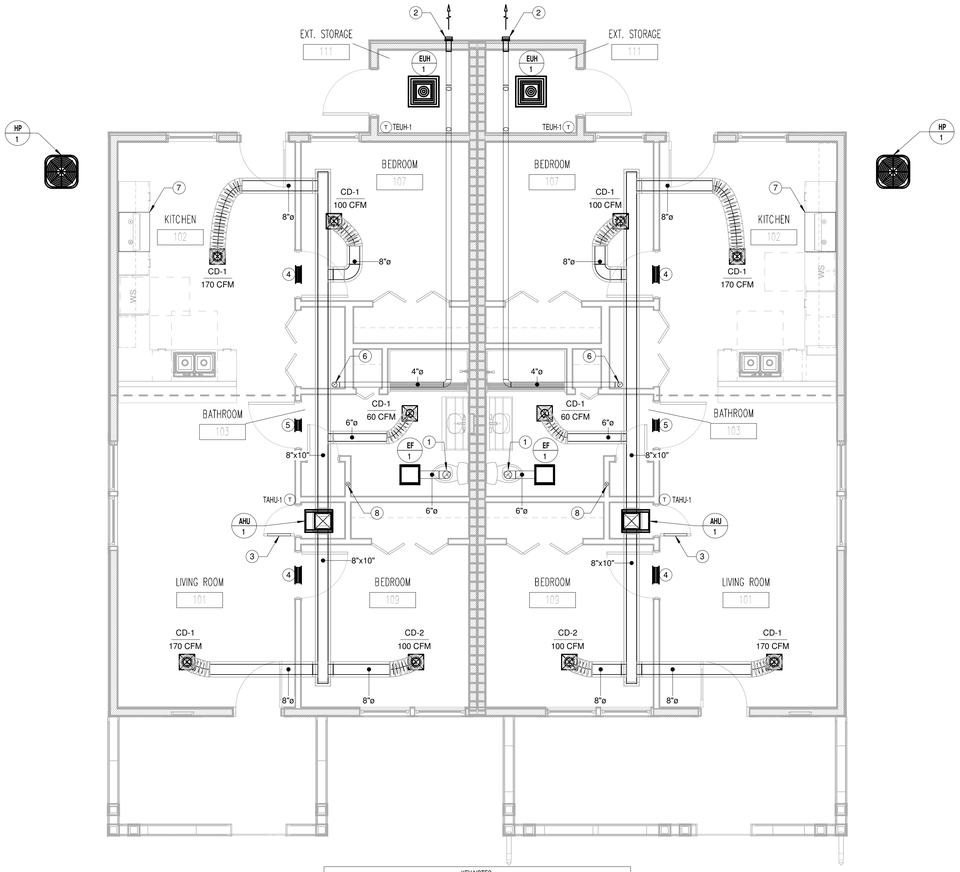
BINDING EDGE

BINDING EDGE



KEY NOTES:

1. 6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 2.2C(u) 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:42 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN HONOR
COMMISSION
NO. 102028
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

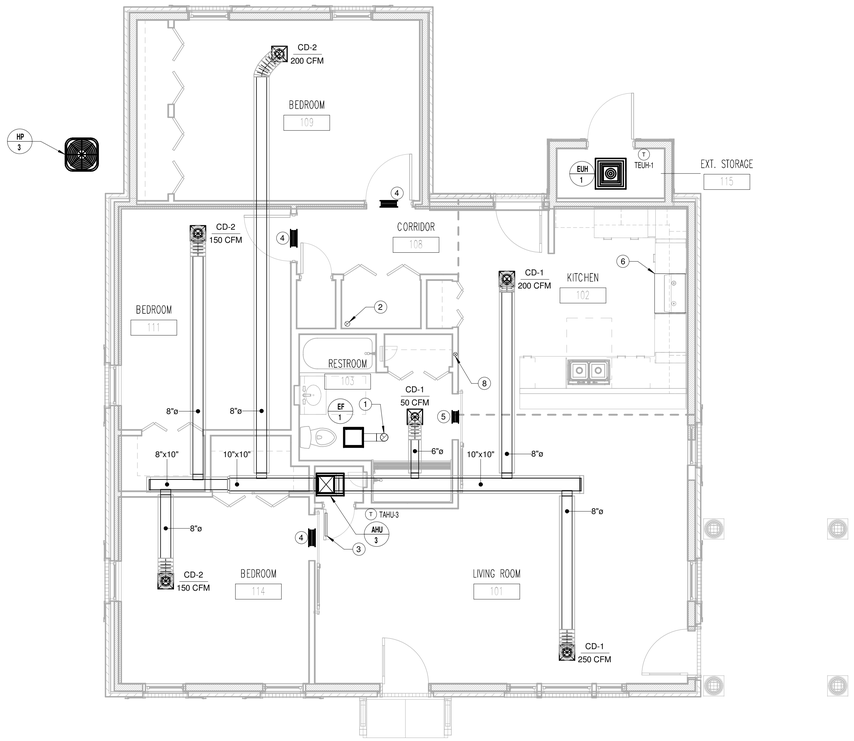
SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	
DRAWING TITLE:	2.2.C(u) - 2 BED DUPLEX HVAC PLAN - CRAFTSMAN (UFAS)
DRAWING NO:	M135

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

BINDING EDGE



KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL, TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST UP THROUGH ROOF, TERMINATE WITH ROOF CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. FULLY LOUVERED DOOR SPECIFIED BY ARCHITECT.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
7. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

1 3.1Co(u) 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:49:47 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

3.1.CO(u) - 3 BED SINGLE HVAC PLAN - COLONIAL (UFAS)

DRAWING NO:

M145

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

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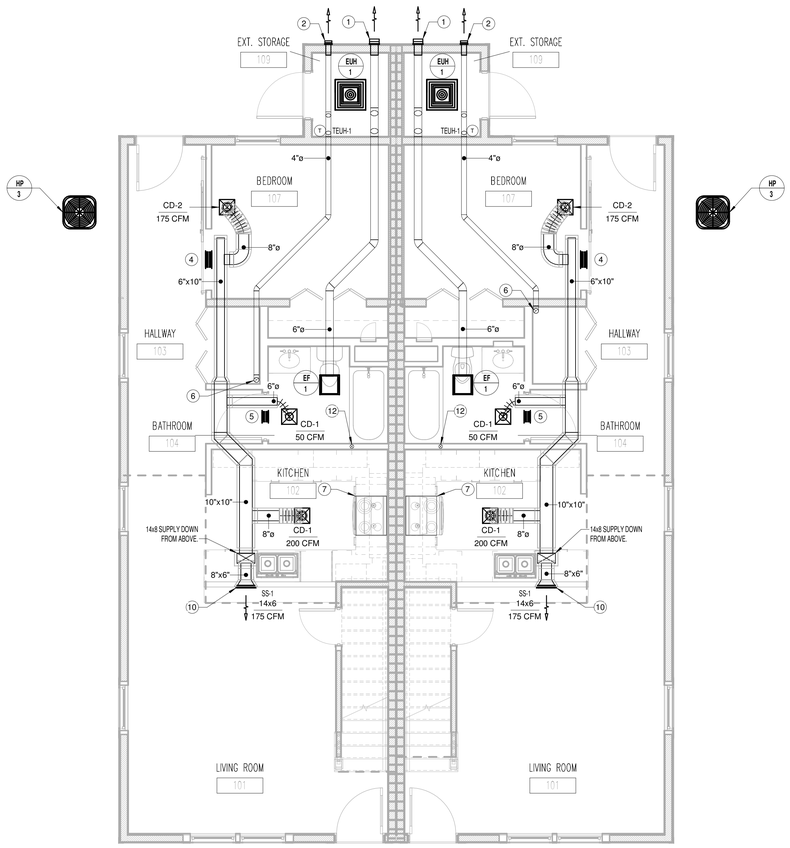
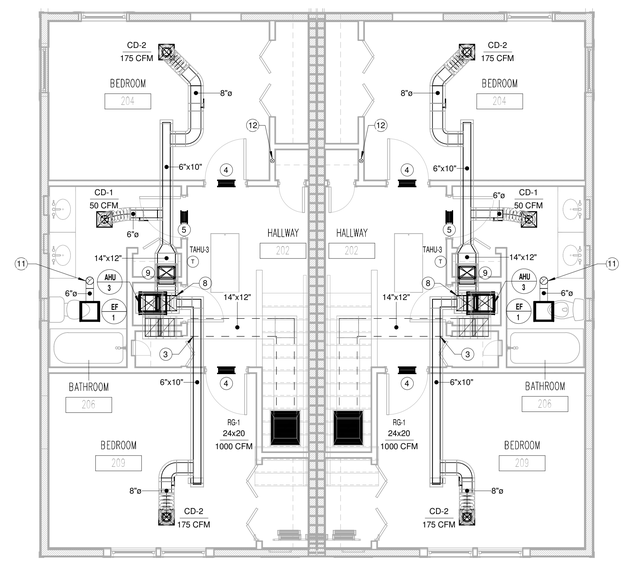
BINDING EDGE



1 3.2Fa 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. ROUTE 14x12 RETURN DUCT ABOVE 6x10 SUPPLY DUCT IN THIS LOCATION.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. OFFSET 16x12 SUPPLY DUCT BELOW CEILING TO AVOID CONFLICTS WITH STRUCTURE ABOVE.
9. 12x10 SUPPLY TRANS. TO 14x8 DOWN TO SERVE FLOOR BELOW.
10. BOTTOM OF GRILLE @ APPROX. 8'-4" A.F.F.
11. 6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
12. 3" RADON VENT UP FROM BELOW THROUGH ROOF.



2 3.2Fa SECOND FLOOR HVAC PLAN
1/4" = 1'-0"

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

3.2.Fa - 3 BED DUPLEX HVAC PLAN - 4 SQUARE

DRAWING NO:

M150

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
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Fax: (865) 246-1084

TIME / DATE: 6/3/2020 1:50:02 PM

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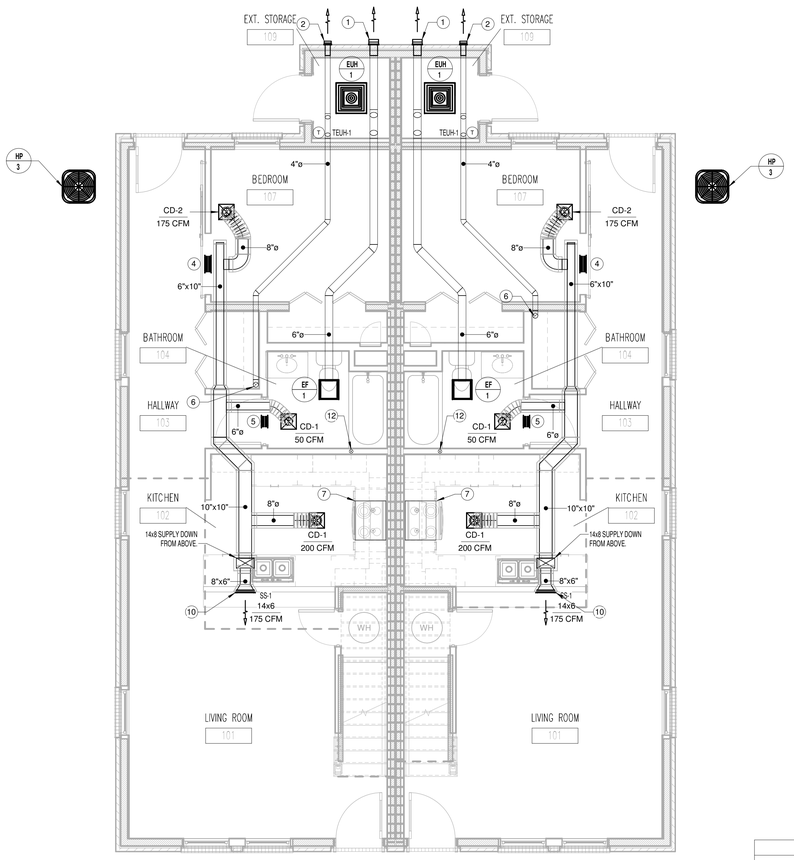
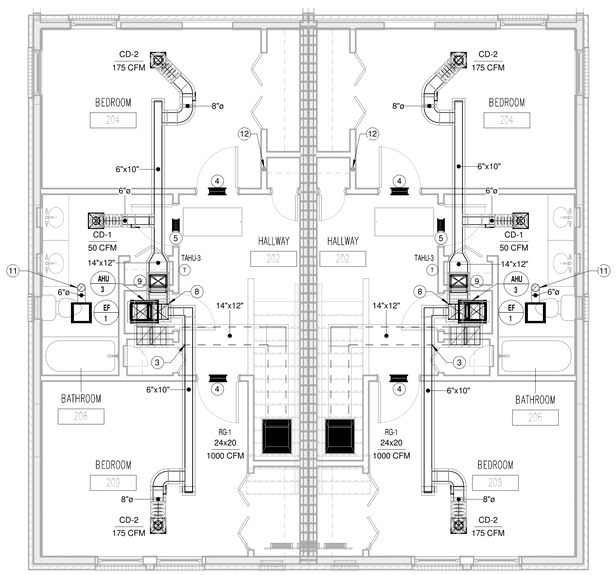


1 3.2Fb 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. ROUTE 14x12 RETURN DUCT ABOVE 6x10 SUPPLY DUCT IN THIS LOCATION.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. OFFSET 16x12 SUPPLY DUCT BELOW CEILING TO AVOID CONFLICTS WITH STRUCTURE ABOVE.
9. 12x10 SUPPLY TRANS. TO 14x8 DOWN TO SERVE FLOOR BELOW.
10. BOTTOM OF GRILLE @ APPROX. 8'-4" A.F.F.
11. 6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
12. 3" RADON VENT UP FROM BELOW THROUGH ROOF.



2 3.2Fb SECOND FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:50:17 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101825
COMMERCE
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

3.2.Fb - 3 BED DUPLEX HVAC PLAN - 4 SQUARE (BRICK)

DRAWING NO:

M151

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

BINDING EDGE

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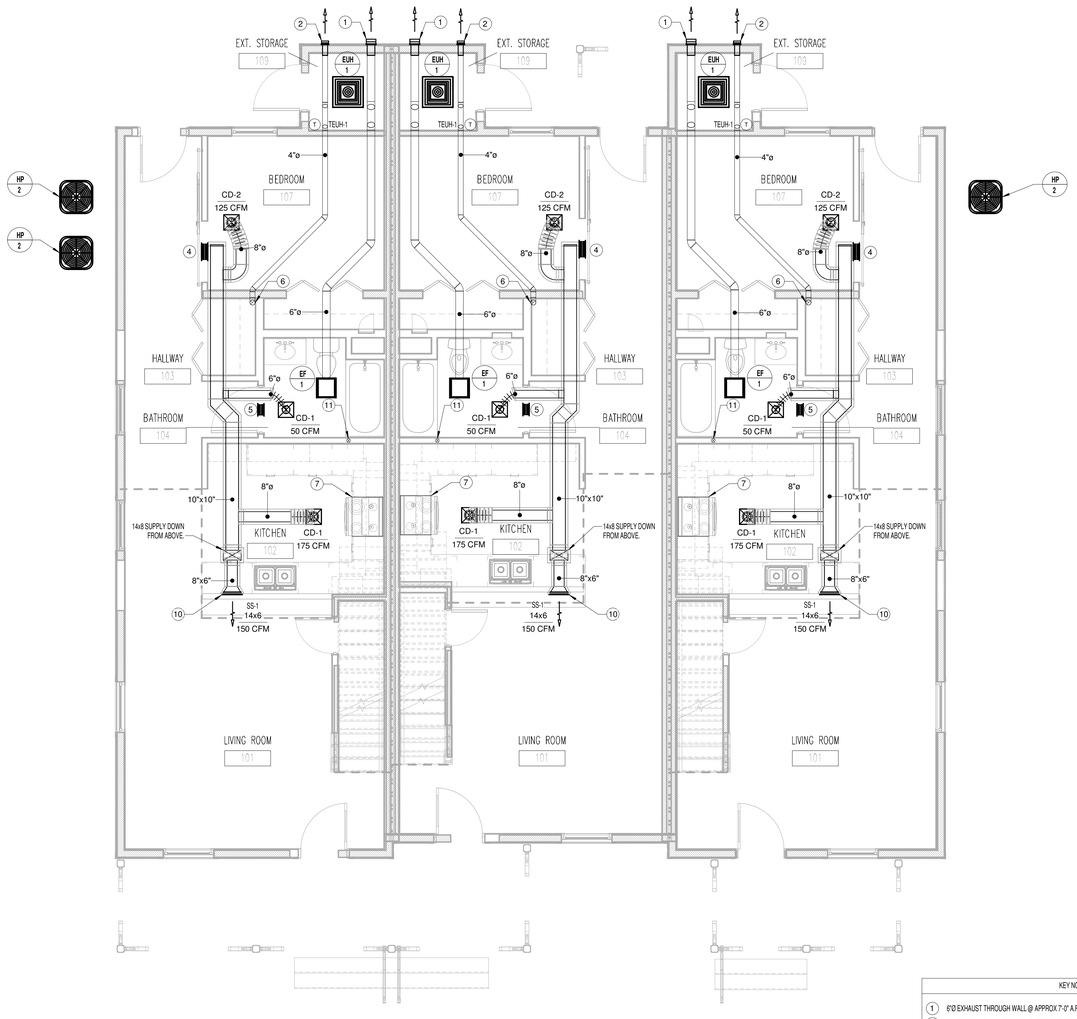
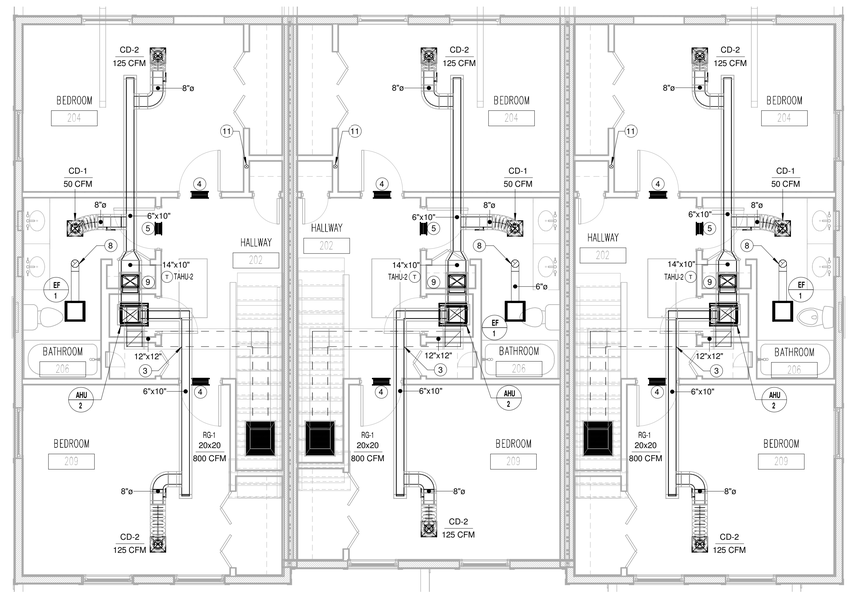


1 3.3V 1ST FLOOR HVAC PLAN
1/4" = 1'-0"



2 3.3V SECOND FLOOR HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 7'-0" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. ROUTE 12x12 RETURN DUCT ABOVE 6x10 SUPPLY DUCT IN THIS LOCATION.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. 6"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
9. 12x10 SUPPLY TRANS. TO 14x8 DOWN TO SERVE FLOOR BELOW.
10. BOTTOM OF GRILLE @ APPROX. 8'-4" A.F.F.
11. 3" RADON VENT UP FROM BELOW THROUGH ROOF.

TIME / DATE: 6/3/2020 1:50:32 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

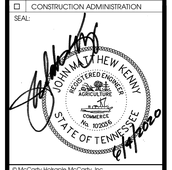
415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

3.3.V - 3 BED TRIPLEX HVAC PLAN - VICTORIAN

DRAWING NO:

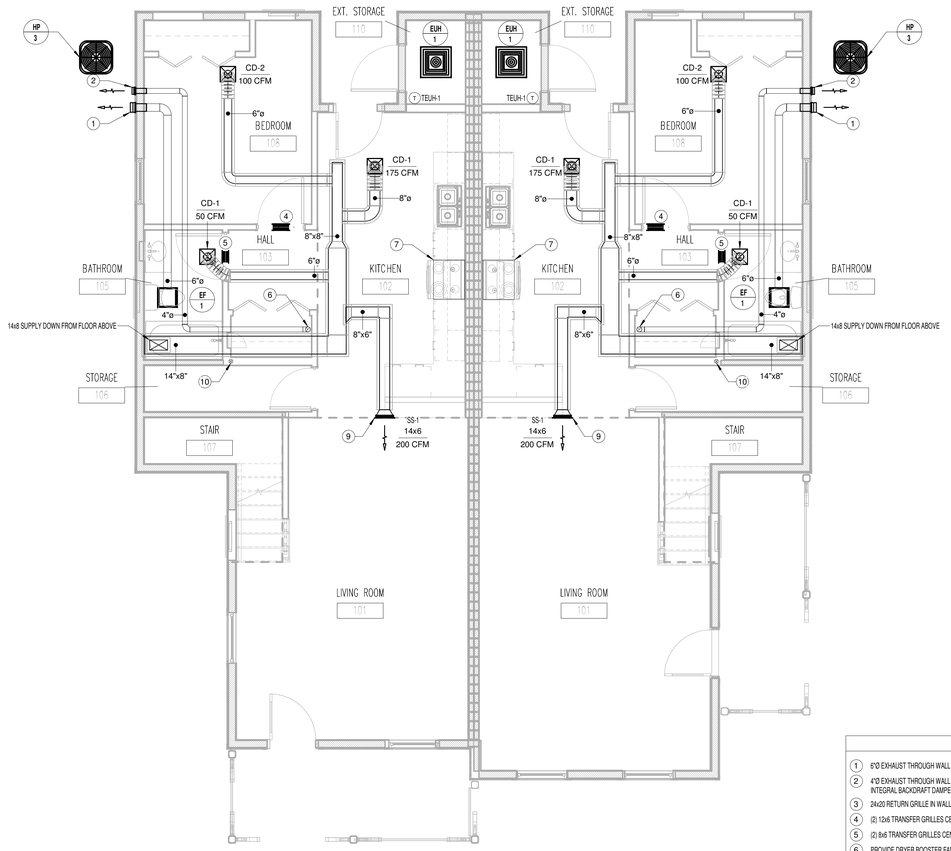
M160

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

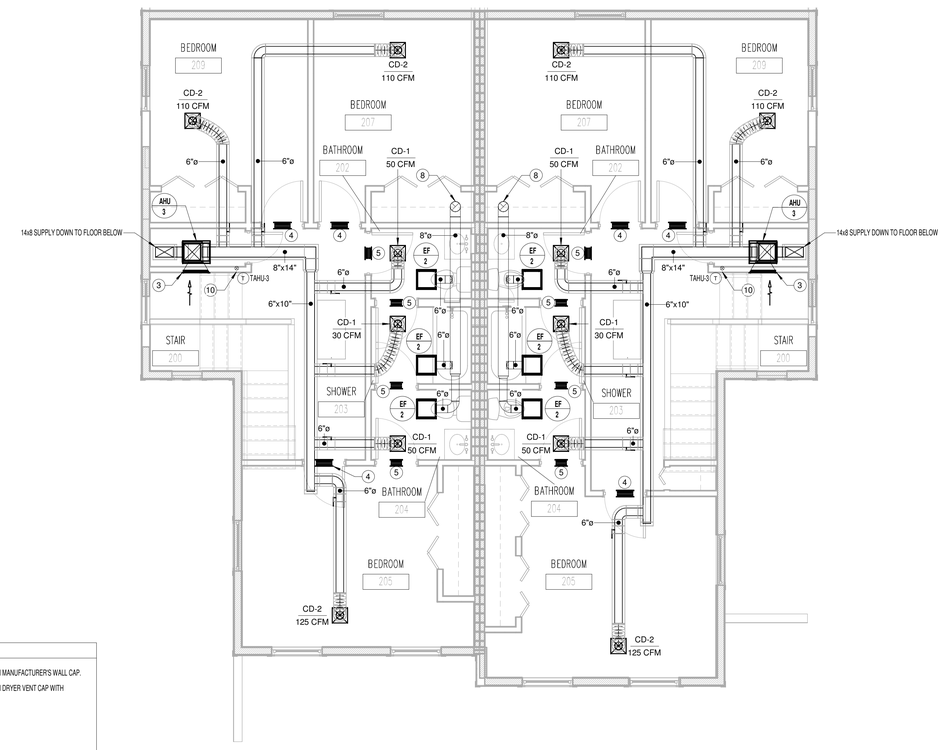
BINDING EDGE



1 4.2V 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 8'-6" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 8'-6" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. 24x20 RETURN GRILLE IN WALL DOWN LOW.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. PROVIDE DRYER BOOSTER FAN DB-1 IN VERTICAL RISER OF EXHAUST DUCT.
7. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
8. 8"Ø EXHAUST THROUGH ROOF, TERMINATE WITH MANUFACTURER'S ROOF CAP.
9. BOTTOM OF GRILLE @ APPROX. 8'-4" A.F.F.
10. 3" RADON VENT UP FROM BELOW THROUGH ROOF.



2 4.2V SECOND FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:50:46 PM

McCARTY HOLSAPLE McCARTY

MHM

ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
NO. 112677
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

4.2.V - 4 BED DUPLEX HVAC PLAN - VICTORIAN

DRAWING NO:

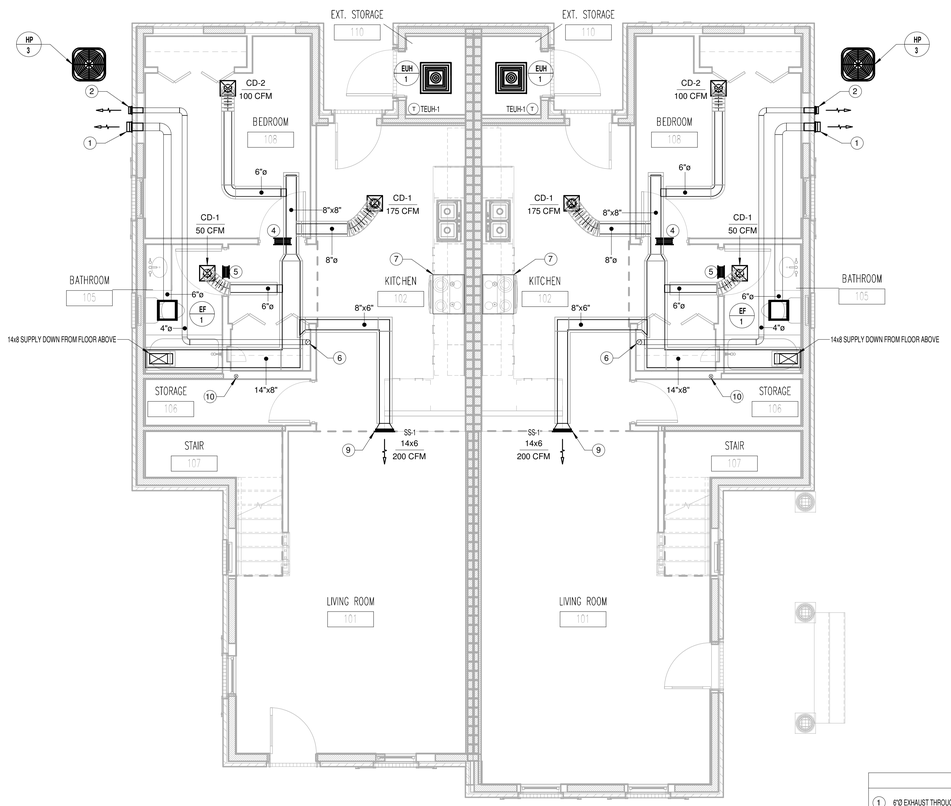
M170

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

BINDING EDGE



1 4.2Co 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 8'-6" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 8'-6" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. 24x20 RETURN GRILLE IN WALL DOWN LOW.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
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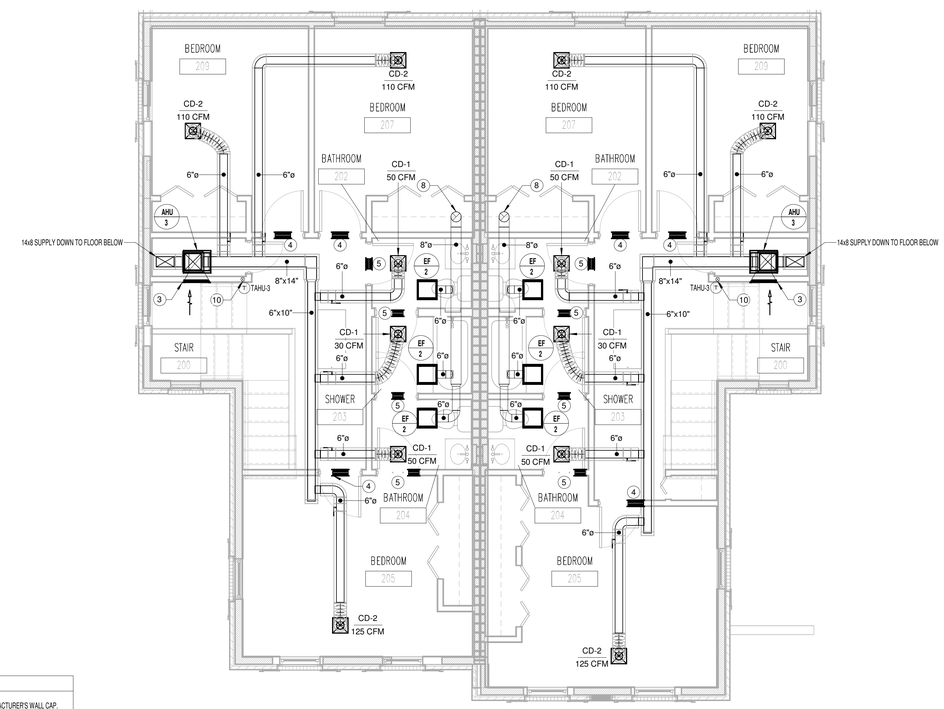
9. BOTTOM OF GRILLE @ APPROX. 8'-4" A.F.F.
10. 3" RADON VENT UP FROM BELOW THROUGH ROOF.



2 4.2Co SECOND FLOOR HVAC PLAN
1/4" = 1'-0"

TIME / DATE: 6/3/2020 1:51:01 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
NO. 112010
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

4.2.CO - 4 BED DUPLEX HVAC PLAN - COLONIAL

DRAWING NO:

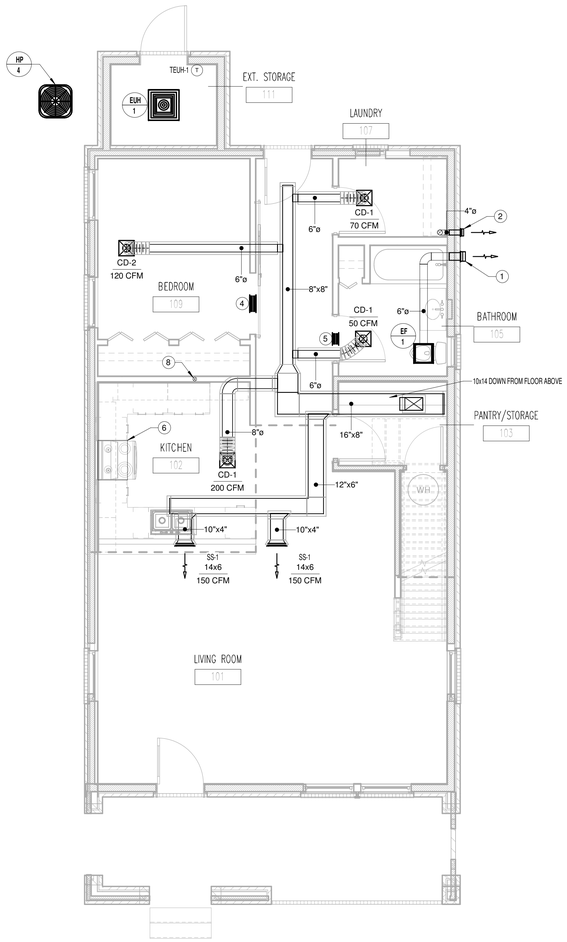
M171

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

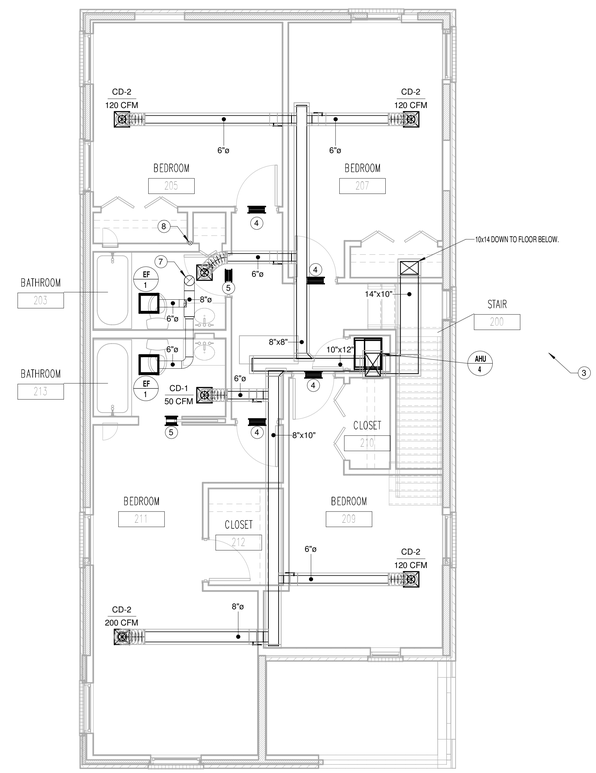
BINDING EDGE



1 5.1T 1ST FLOOR HVAC PLAN
1/4" = 1'-0"

KEY NOTES:

1. 6"Ø EXHAUST THROUGH WALL @ APPROX 8'-6" A.F.F., TERMINATE WITH MANUFACTURER'S WALL CAP.
2. 4"Ø EXHAUST THROUGH WALL @ APPROX 8'-6" A.F.F., TERMINATE WITH DRYER VENT CAP WITH INTEGRAL BACKDRAFT DAMPER.
3. 24x20 RETURN GRILLE IN WALL DOWN LOW.
4. (2) 12x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
5. (2) 8x6 TRANSFER GRILLES CENTERED ABOVE DOOR.
6. RECIRCULATING RANGE HOOD WITH CHARCOAL FILTER - PROVIDED AND INSTALLED BY G.C.
7. 8"Ø EXHAUST UP THROUGH ROOF. TERMINATE WITH MANUFACTURER'S ROOF CAP.
8. 3" RADON VENT UP FROM BELOW THROUGH ROOF.



2 5.1T SECOND FLOOR HVAC PLAN
1/4" = 1'-0"

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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No. 101825
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STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	C.PRICE
CHECKED BY:	

DRAWING TITLE:

5.1.T - 5 BED SINGLE HVAC PLAN - TUDOR

DRAWING NO:

M180

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1984

TIME / DATE: 6/3/2020 1:51:10 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

PLUMBING FIXTURE SCHEDULE

DESIGNATION	FIXTURE TYPE	MANUFACTURER	MODEL#	DESCRIPTION	NOTES
FCO	CLEANOUT	ZURN	ZN1400	INTERIOR FINISH (SEE NOTES)	
GCO	CLEANOUT	ZURN	Z1400	EXTERIOR GRADE (SEE NOTES)	
WCO	CLEANOUT	ZURN	ZN-1446	INTERIOR WALL W/ ROUND ACCESS COVER	
HD1	HUB DRAIN CONNECTION SIZES	PROSET SYSTEM	TG23HD	2" x 3" TRAP GUARD HUB DRAIN W/ CONCRETE PROTECTIVE CAP, INSTALLATION FOR CONCRETE FLOORING WASTE 2", VENT 1 1/2"	
FD1	FLOOR DRAIN CONNECTION SIZES	ZURN PROSET SYSTEMS	FD-2209 TG33	ADJUSTABLE FINISHED AREA FLOOR DRAIN 2" FLEXIBLE BRUSHING INSERT WASTE 2", VENT 1 1/2" (6" SQUARE TOP)	
WC1	WATER CLOSET SEAT SUPPLY CONNECTION SIZES	NIAGRA ZURN ZURN	N7717 / N7714TFH Z5958SS ZH8824-CR-LK	"THE ORIGINAL", ADA, TWO PIECE, VITREOUS CHINA SINGLE FLUSH WATER CLOSET- 0.8 GPF WHITE, CLOSED FRONT TOILET SEAT W/ COVER AND STAINLESS STEEL CHECK HINGE ANGLE SUPPLY W/LOOSE KEY STOP WASTE 3", VENT 2", CW 1/2" NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ACTIVATION MECHANISMS LOCATION PER ADA REQUIREMENTS	
L1	LAVATORY FAUCET P-TRAP SUPPLIES CONNECTION SIZES	BY ARCH. JACUZZI ZURN ZURN	BY ARCH. MP45827 Z8700-PC Z8808LRLK-PC	INTEGRAL SINK, SINGLE BOWL - SPECIFIED BY ARCH. "DUNCAN" TWO HANDLE, WIDESPREAD BATHROOM SINK FAUCET W/ POP UP DRAIN 1-1/4" CAST BRASS P-TRAP W/C.O. PLUG ANGLE SUPPLIES W/LOOSE KEY STOPS WASTE 1-1/4" VENT 1-1/4" H & CW 1/2"	
L2 ADA	LAVATORY FAUCET P-TRAP SUPPLIES CONNECTION SIZES	BY ARCH. MOEN ZURN ZURN	BY ARCH. 84763 Z8700-PC Z8808LRLK-PC	INTEGRAL SINK, SINGLE BOWL - SPECIFIED BY ARCH. "GENTA" TWO HANDLE, WIDESPREAD BATHROOM SINK FAUCET W/ POP UP DRAIN 1-1/4" CAST BRASS P-TRAP W/C.O. PLUG ANGLE SUPPLIES W/LOOSE KEY STOPS WASTE 1-1/4" VENT 1-1/4" H & CW 1/2"	
L3	LAVATORY FAUCET P-TRAP SUPPLIES CONNECTION SIZES	BY ARCH. JACUZZI ZURN ZURN	BY ARCH. (2) MP45827 Z8700-PC Z8808LRLK-PC	INTEGRAL SINK, DOUBLE BOWL - SPECIFIED BY ARCH. "DUNCAN" TWO HANDLE, WIDESPREAD BATHROOM SINK FAUCET W/ POP UP DRAIN 1-1/4" CAST BRASS P-TRAP W/C.O. PLUG ANGLE SUPPLIES W/LOOSE KEY STOPS WASTE 1-1/4" VENT 1-1/4" H & CW 1/2"	
KS1	SINK FAUCET DRAIN P-TRAP SUPPLIES CONNECTION SIZES	DAYTON KOHLER	DSE23322 K-R22141	DOUBLE COMPARTMENT, STAINLESS STEEL 18, 4 HOLE PUNCHED "KOI" KITCHEN FAUCET W/ SIDE SPRAY HEAVY DUTY REMOVABLE BASKET STRAINER WITH CAST BRASS LOCK AND COUPLING NUT 1-1/4" PVC P-TRAP W/C.O. PLUG STAINLESS STEEL HOSE W/ HANDLED STOPS WASTE 1 1/2", VENT 1 1/2", H&CW 1/2"	
KS2 ADA	SINK FAUCET DRAIN P-TRAP SUPPLIES CONNECTION SIZES	DAYTON KOHLER	GE23322 K-R22141	DOUBLE COMPARTMENT, STAINLESS STEEL 18, 4 HOLE PUNCHED "KOI" KITCHEN FAUCET W/ SIDE SPRAY HEAVY DUTY REMOVABLE BASKET STRAINER WITH CAST BRASS LOCK AND COUPLING NUT 1-1/4" PVC P-TRAP W/C.O. PLUG STAINLESS STEEL HOSE W/ HANDLED STOPS WASTE 1 1/2", VENT 1 1/2", H&CW 1/2"	
T1	TUB TUB - SHOWER VALVE BATH WASTE CONNECTION SIZES	AKER BY MAAX JACUZZI ZURN	KDS-3060-AFR MP42827 Z8771-RB	60" X 30" FOUR PIECE, ALCOVE TUB/SHOWER "DUNCAN" TUB-SHOWER SYSTEM, 1.8 GPM MAX. FLOW, CHROME CAST BRASS 17GA TRIP LEVER STYLE DRAIN WITH BRASS NUTS CW 1/2",HW 1/2",WASTE 1-1/2",VENT 1-1/2"	
SH1	SHOWER VALVE CONNECTION SIZES	AKER BY MAAX JACUZZI	KDS-3060-AFR MP42827	60" X 30" FOUR PIECE, ALCOVE SHOWER "DUNCAN" TUB-SHOWER SYSTEM, 1.8 GPM MAX. FLOW, CHROME, LESS TUB FAUCET SHOWER DRAIN, PROVIDE W/ FULL SIZE P-TRAP WASTE 2", VENT 1-1/2", H&CW 1/2"	
SH2 ADA	SHOWER VALVE CONNECTION SIZES	BEST BATH JACUZZI	LCS26333A75FTT.V2 MP42827	63"x33" ADA APPROVED, ROLL-IN SHOWER PAN W/ LINEAR SHOWER DRAIN "DUNCAN" TUB-SHOWER SYSTEM, 1.8 GPM MAX. FLOW, CHROME, LESS TUB FAUCET W/ COMPENSATING WATER SAVER SHOWER HEAD, 1.5 GPM PROVIDE W/ FULL SIZE P-TRAP WASTE 2", VENT 1-1/2", H&CW 1/2"	
HB1	WALL HYDRANT CONNECTION SIZES	ZURN	Z1346-CP3	FREEZE PROOF, WHEEL HANDLED EXPOSED HOSE BIBB WITH INTEGRAL VACUUM BREAKER CW 3/4"	
PRV	PRESSURE REDUCING VALVE	ZURN WILKINS	500XL	HIGH FLOW LOW-LEAD PRESSURE REDUCING VALVE WITH BRONZE BODY AND BELL HOUSING	
IB1	ICE MAKER BOX CONNECTION SIZE	OATEY	38486	HIGH DENSITY POLYETHYLENE, 8"x10" ICE MAKER BOX WITH BRAIDED STAINLESS STEEL HOSE - FIRE RATED CW 1/2"	
WB1	WASHER BOX TRAP CONNECTION SIZES	OATEY	38202	OATEY 2x4 WMOB, SINGLE LEVER, COPPER SWEAT CONNECTION W/ HAMMER ARRESTOR 2" P-TRAP, PROVIDE VACUUM BREAKERS & HOSE CONNECTION WASTE 2", VENT 1-1/2", H & CW 1/2"	

ELECTRIC WATER HEATER SCHEDULE

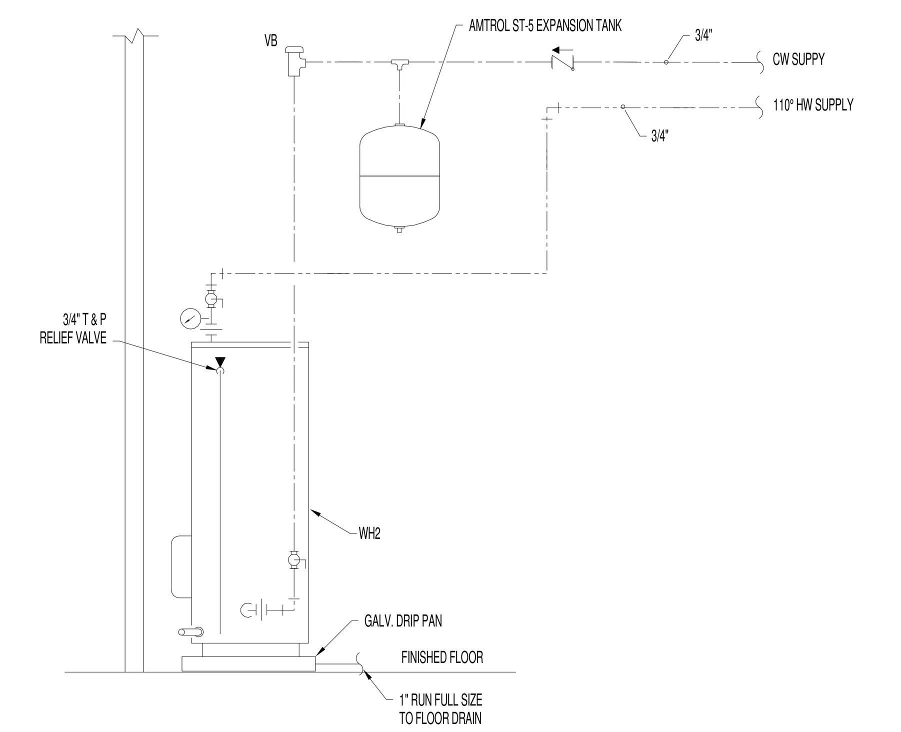
MARK	WH1
DESIGN MANUFACTURER	BRADFORD WHITE
MODEL NUMBER	LE140L3
GALLON CAPACITY	40
RECOVERY @ 100 DEG. F. RISE	18 GPH
HEATNG. CAP. (KW) - NON-SIMULTANEOUS	4.5 KW
ELECTRICAL (VOLTS/HZ/PH)	240/60/1

NOTES:
1. ALTERNATIVE MANUFACTURERS: LOCHINVAR, A.O. SMITH, STATE IND.
2. UNITS SHALL BE ASME LISTED.

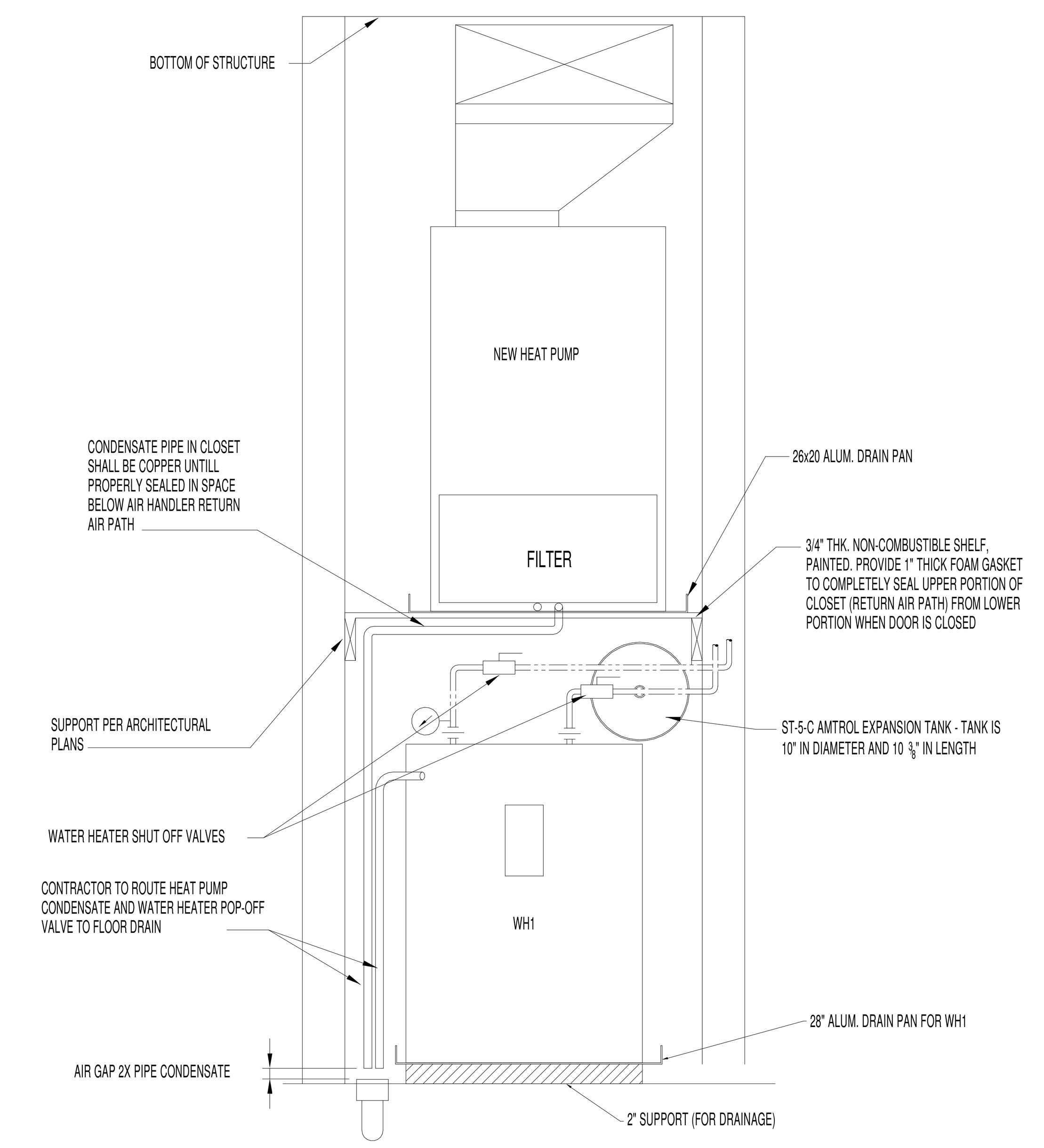
ELECTRIC WATER HEATER SCHEDULE

MARK	WH2
DESIGN MANUFACTURER	BRADFORD WHITE
MODEL NUMBER	LE265T3
GALLON CAPACITY	65
RECOVERY @ 100 DEG. F. RISE	18 GPH
HEATNG. CAP. (KW) - NON-SIMULTANEOUS	4.5 KW
ELECTRICAL (VOLTS/HZ/PH)	240/60/1

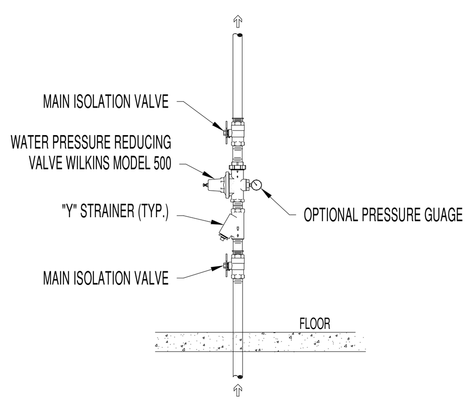
NOTES:
1. ALTERNATIVE MANUFACTURERS: LOCHINVAR, A.O. SMITH, STATE IND.
2. UNITS SHALL BE ASME LISTED.



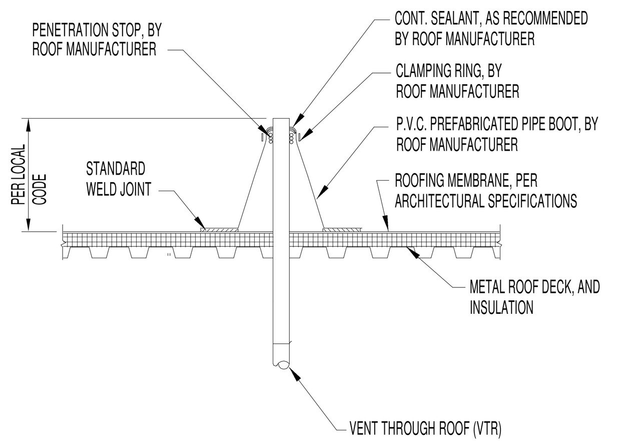
WH2 - WATER HEATER DETAIL
NOT TO SCALE



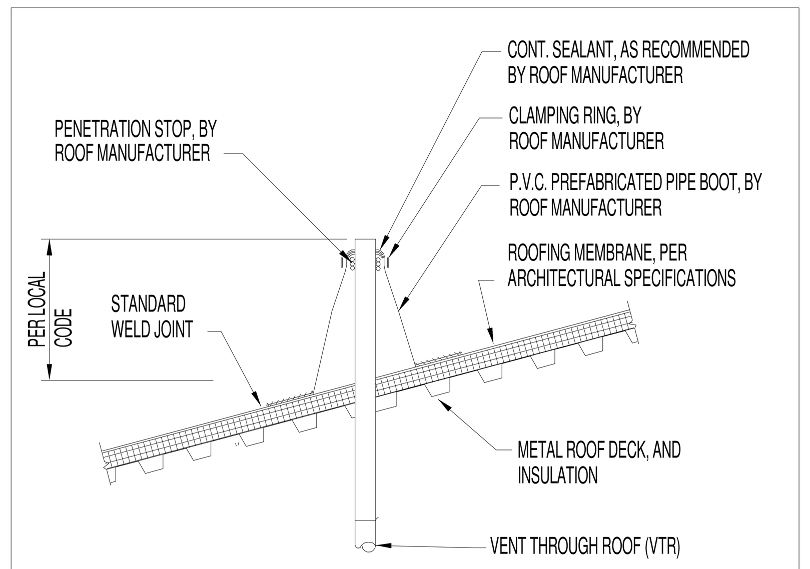
WH1 - MECHANICAL CLOSET WATER HEATER DETAIL
SCALE: NTS



TYPICAL PRV DETAIL
NO SCALE

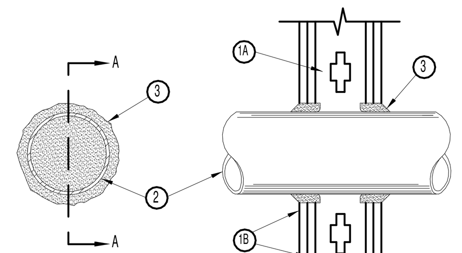


TYPICAL VENT THRU ROOF DETAIL
NO SCALE



TYPICAL VENT THRU ROOF DETAIL
NO SCALE

SYSTEM NO.W-L-1001
JUNE 15, 2005
F RATINGS - 1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS - 0, 1, 2, 3, AND 4 HR (SEE ITEM 3)
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT



1. WALL ASSEMBLY - THE 1, 2, 3 OR 4 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER SPACED 16 IN. (406 MM) OC WITH NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8 IN. (92 MM) WIDE BY 1-3/8 IN. (35 MM) DEEP CHANNELS SPACED MAX 24 IN. (610 MM) OC.
B. GYPSUM BOARD* - NOM 1/2 OR 5/8 IN. (13 OR 16 MM) THICK, 4 FT. (122 CM) WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 26 IN. (660 MM).

2. THROUGH PENETRANT - ONE METALLIC PIPE, CONDUIT OR TUBING INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRESTOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN OF 0 IN. (0 MM) (POINT CONTACT) TO MAX 2 IN. (51 MM). PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
A. STEEL PIPE - NOM 24 IN. (610 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
B. IRON PIPE - NOM 24 IN. (610 MM) DIAM (OR SMALLER) SERVICE WEIGHT (OR HEAVIER) CAST IRON SOIL PIPE, NOM 12 IN. (305 MM) DIAM (OR SMALLER) OR CLASS 50 (OR HEAVIER) DUCTILE IRON PRESSURE PIPE.
C. CONDUIT - NOM 6 IN. (152 MM) DIAM (OR SMALLER) STEEL CONDUIT OR NOM 4 IN. (102 MM) DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING
D. COPPER TUBING - NOM 6 IN. (152 MM) DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING
E. COPPER PIPE - NOM 6 IN. (152 MM) DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
F. THROUGH PENETRATING PRODUCT* - FLEXIBLE METAL PIPING - THE FOLLOWING TYPES OF STEEL FLEXIBLE METAL GAS PIPING MAY BE USED:

1. NOM 2 IN. (51 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.

OMEGA FLEX INC

2. NOM 1 IN. (25 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.

TITEFLEX CORP
A BUNDY CO

3. NOM 1 IN. (25 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY.

WARD MFG INC

3. FILL,VOID OR CAVITY MATERIAL* - CAULK OR SEALANT - MIN 5/8. 1-1/4,1-7/8 AND 2-1/2 IN. (16, 32, 48 AND 64 MM) THICKNESS OF CAULK FOR 1, 2, 3 AND 4 HR RATED ASSEMBLIES, RESPECTIVELY, APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. MIN 1/4 IN. (6 MM) DIAM BEAD OF CAULK APPLIED TO GYPSUM BOARD/PENETRANT INTERFACE AT POINT CONTACT LOCATION ON BOTH SIDES OF WALL.
THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE.
THE HOURLY T RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW:

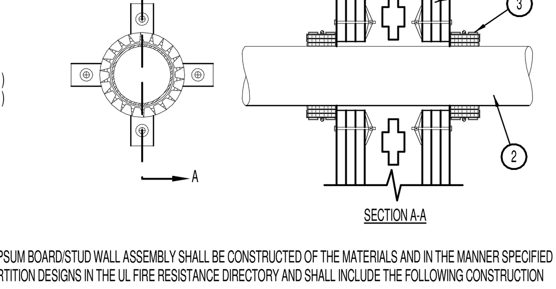
+WHEN COPPER PIPE IS USED, T RATING IS 0 HR.

3M COMPANY - CP 25WB+ CAULK OR FB-3000 WT SEALANT.

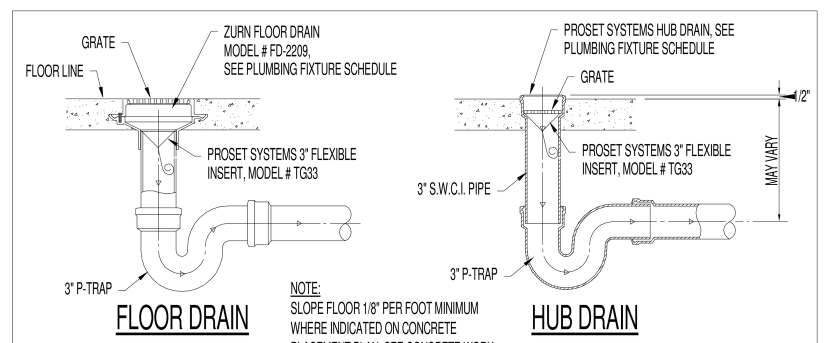
*BEARING THE UL CLASSIFICATION MARKING

MAX PIPE OR CONDUIT DIAM IN. (MM)	F RATING HR	T RATING HR
1 (25)	1 OR 2	0+, 1 OR 2
1 (25)	3 OR 4	3 OR 4
4 (102)	1 OR 2	0
6 (152)	3 OR 4	0
12 (305)	1 OR 2	0

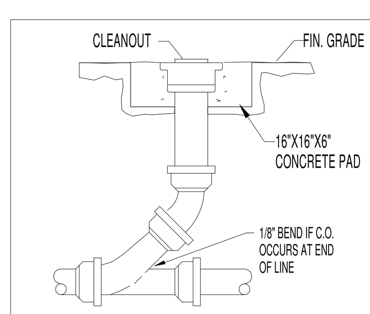
SYSTEM NO.W-L-2162
NOVEMBER 20, 2009
F RATINGS - 1, 2 AND 3 HR (SEE ITEM 1)
T RATINGS - 1, 2 AND 3 HR (SEE ITEM 1)



1. WALL ASSEMBLY - THE 1, 2 OR 3 HR FIRE RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300, U400 OR V400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER SPACED 16 IN. (406 MM) OC. STEEL STUDS TO BE MIN 3-1/2 IN. (89 MM) WIDE SPACED MAX 24 IN. (610 MM) OC. WHEN WOOD STUDS ARE USED, THE ASSEMBLY IS LIMITED TO 1 AND 2 HR. RATINGS.
B. GYPSUM BOARD* - THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS REQUIRED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IS 5 IN. (127 MM).
THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED.
2. THROUGH PENETRANTS - ONE NONMETALLIC PIPE OR CONDUIT TO BE CENTERED WITHIN OPENING WITH A NOM 1/4 IN. (6 MM) ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND PERIPHERY OF OPENING. PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF NONMETALLIC PIPES OR CONDUITS MAY BE USED:
A. POLYVINYL CHLORIDE (PVC) PIPE - NOM 4 IN. (102 MM) DIAM (OR SMALLER) SCHEDULE 40 SOLID CORE OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEM.
B. RIGID NONMETALLIC CONDUIT++ - NOM 4 IN. (102 MM) DIAM (OR SMALLER) SCHEDULE 40 PVC CONDUIT INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NFPA NO. 70).
C. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE - NOM 4 IN. (102 MM) DIAM (OR SMALLER) SDR13.5 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS.
D. ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPE - NOM 4 IN. (102 MM) DIAM (OR SMALLER) SCHEDULE 40 SOLID CORE OR CELLULAR CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
E. FIRE RETARDANT POLYPROPYLENE (FRPP) PIPE - NOM 4 IN. (102 MM) DIAM (OR SMALLER) SCHEDULE 40 FRPP PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEM.
F. POLYVINYLIDENE FLUORIDE (PVDF) PIPE - NOM. 4 IN. (102 MM) DIAM (OR SMALLER) SCHEDULE 40 PVDF PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.
THE T RATINGS ARE 1, 2 AND 3 HR FOR PIPES A, B AND C IN 1, 2 AND 3 HR RATED WALL ASSEMBLIES, RESPECTIVELY. THE T RATINGS FOR PIPE D, E AND F ARE 1 HR IN 1 AND 2 HR RATED WALL ASSEMBLIES AND 2 HR IN 3 HR RATED WALL ASSEMBLIES.
3. FIRESTOP DEVICE - COLLAR - COLLAR TO BE INSTALLED IN ACCORDANCE WITH THE ACCOMPANYING INSTALLATION INSTRUCTIONS. COLLAR TO BE INSTALLED AND LATCHED AROUND PIPE AND SECURED TO BOTH SIDES OF WALL WITH 3M ULTRA FAST ANCHOR STRAPS OR WITH 1/4 IN. (6 MM) DIAM BY MIN 1-1/2 IN. (38 MM) LONG STEEL TOGGLE BOLTS IN CONJUNCTION WITH MIN 1-1/4 IN. (32 MM) DIAM STEEL FENDER WASHERS. MIN OF TWO, THREE OR FOUR ANCHOR STRAPS OR ANCHOR BOLTS, SYMMETRICALLY LOCATED, FOR NOM 2 IN. (51 MM) DIAM (AND SMALLER), NOM 3 IN. (76 MM) DIAM AND NOM 4 IN. (102 MM) DIAM PIPES, RESPECTIVELY.
3M COMPANY - ULTRA PPD 1.5, 2.0, 3.0 AND 4.0
4. FILL, VOID OR CAVITY MATERIALS* - CAULK, SEALANT OR PUTTY - (OPTIONAL, NOT SHOWN) - GENEROUS BEAD OF CAULK OR PUTTY MAY BE APPLIED TO OUTER PERIMETER OF COLLAR AT ITS INTERFACE WITH WALL SURFACES.
3M COMPANY - CP 25WB+ CAULK, MP+ STIX PUTTY, IC 15WB+ CAULK, FIREDAM 150+ CAULK OR FB-3000 WT SEALANT. (NOTE: CP 25WB+ AND FIREDAM 150+ NOT SUITABLE FOR USE WITH CPVC PIPES.)
*BEARING THE UL CLASSIFICATION MARKING
++BEARING THE UL LISTING MARK

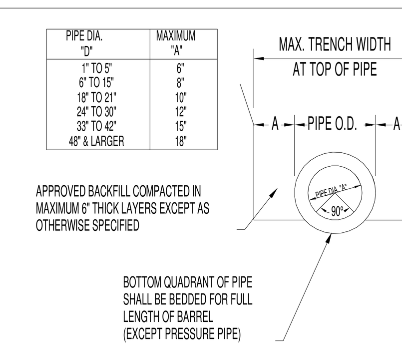


TYPICAL FLOOR AND HUB DRAIN DETAIL
NOT TO SCALE

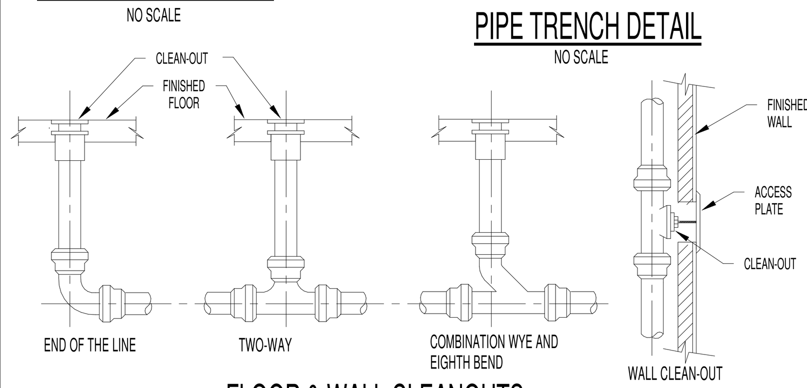


CLEANOUT TO GRADE
NO SCALE

PIPE DIA. "D"	MAXIMUM "A"
1" TO 5"	6"
6" TO 15"	8"
18" TO 21"	10"
24" TO 30"	12"
33" TO 42"	15"
48" & LARGER	18"



PIPE TRENCH DETAIL
NO SCALE



FLOOR & WALL CLEANOUTS
NO SCALE

PLUMBING NOTES:

1. PLUMBING PIPING AND INSULATION MATERIALS SHALL BE AS SPECIFIED IN SPECIFICATIONS 221005 AND 220719 UNLESS NOTED OTHERWISE FOR SPECIFIC APPLICATIONS ON PLAN SHEET.
2. UNLESS INDICATED OTHERWISE ON DRAWINGS, INTERNAL WATER PIPING IS TO BE ROUTED IN CEILING SPACES, ATTICS, CRAWL SPACES AND IN AND BETWEEN WALL STUDS, ETC. (AS AND WHERE APPLICABLE) AND ON INSIDE OF INSULATED BUILDING ENVELOPE. THIS PIPING SHALL BE TYPE "L" COPPER AND INSTALLED IN ACCORDANCE WITH 2012 INTERNATIONAL PLUMBING CODE. TYPE "A" AND/OR "B" PEX IS PERMISSIBLE UPON OWNERS APPROVAL ONLY ON WATER LINES 2" AND SMALLER. WHERE PEX IS USED COLD AND HOT WATER MAINS SHALL BE TYPE L COPPER WITH BRANCH PIPING BEING PEX. WHERE PEX IS USED AS MAINS IN LIEU OF COPPER, PIPING SHALL BE A PIPE SIZE LARGER THAN WHAT IS SHOWN ON PLANS.
3. ALL VENT PIPING TO PENETRATE ROOF A MINIMUM OF 12" ABOVE ROOF. FLASH AND SEAL TO ROOF WEATHERTIGHT. PAINT VENT PIPING ABOVE ROOF AND WITH 2 COATS EPOXY BASED PAINT. COLOR TO MATCH ROOF.
4. CONTRACTOR SHALL INSPECT SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS WHICH MAY AFFECT WORK, INCLUDING VERIFICATION OF LOCATIONS AND RELATIONSHIP BETWEEN FIXTURES AND CONNECTIONS.
5. PIPING PLACED IN TRENCHES SHALL BE EMBEDDED IN 6" OF LOOSE AGGREGATE FILL, TAMP FILL MATERIAL ON EACH SIDE IN 6" LAYERS. ALL PIPING UNDER SLAB SHALL HAVE A MINIMUM 1" COVER FROM BOTTOM OF SLAB TO TOP OF PIPE AT HIGH POINT. PROTECT PIPING FROM BEING CRUSHED OR OTHERWISE CONSTRICTED.
6. EACH SINK, WATER CLOSET, ETC. SHALL HAVE SHUT-OFF VALVES LOCATED AT THE FIXTURE.
7. THE PLUMBING SYSTEM IN ITS ENTIRETY SHALL NOT BE COVERED UNTIL IT HAS BEEN INSPECTED, TESTED, AND APPROVED BY THE OWNER.
8. PRIOR TO COVERING THE WATER SUPPLY SYSTEM, IT SHALL BE PRESSURE TESTED AND PROVED TIGHT UNDER A WATER PRESSURE NOT LESS THAN 25 P.S.I. ABOVE THE WORKING PRESSURE UNDER WHICH IT IS TO BE OPERATED. THIS TEST SHALL BE COMPLETED AND APPROVED IN THE PRESENCE OF THE OWNER.
9. ALL SOLDERED JOINTS SHALL BE CLEANED BRIGHT AND ALL BURRS SHALL BE REMOVED AND THE SHALL BE RETURNED TO FULL BORE.
10. ALL SOLDER AND FLUX USED IN THE INSTALLATION OR REPAIR OF THE WATER SUPPLY OR DISTRIBUTION SYSTEM SHALL BE LEAD FREE.
11. ALL SOLDERED JOINT MATERIAL SUCH AS FITTINGS, SOLDER, TUBING SHALL BE APPROVED BY THE OWNER PRIOR TO INSTALLATION.
12. ALL MATERIALS, METHODS, AND PRACTICES SHALL BE IN ACCORDANCE WITH THE 2012 INTERNATIONAL PLUMBING CODE.
13. CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED FITTINGS TO CREATE A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM. CONTRACTOR SHALL DETERMINE ANY FITTINGS REQUIRED FOR CONNECTION TO FIXTURES SPECIFIED.
14. PROVIDE REMOVABLE PVC COVERS ON ALL EXPOSED SUPPLY AND WASTE FITTINGS TO COMPLY WITH ANSI STD. A117.1 REQUIREMENTS.
15. CLEANOUTS:
    A. INTERIOR FINISHED FLOOR AREAS (FCO) - LACQUERED CAST IRON BODY WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR, THREADED TOP ASSEMBLY AND ROUND GASKETED DEPRESSED COVER TO ACCEPT FLOOR FINISH.
    B. INTERIOR FINISHED WALL AREAS (WCO) - LINE TYPE WITH LACQUERED CAST IRON BODY AND ROUND EPOXY COATED GASKET COVER, AND ROUND STAINLESS STEEL ACCESS COVER SECURED WITH MACHINE SCREW.
    C. EXTERIOR SURFACED AREAS - ROUND CAST NICKEL BRONZE ACCESS FRAME AND NON-SKID COVER.
    D. EXTERIOR UN-SURFACED AREAS - LINE TYPE WITH LACQUERED CAST IRON BODY AND ROUND EPOXY COATED GASKET COVER.
16. ALL HOT WATER PIPE ABOVE GRADE SHALL BE INSULATED WITH 1 1/2" FIBERGLASS, LOW PRESSURE INSULATION WITH WHITE UNIVERSAL JACKET. ALL COLD WATER PIPE ABOVE GRADE SHALL BE INSULATED WITH 1/2" FIBERGLASS, LOW PRESSURE INSULATION WITH WHITE UNIVERSAL JACKET. ALL INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
17. ALL BALL/CONTROL/BALANCING VALVES WHICH ARE NOT READILY ACCESSIBLE VIA LAY-IN CEILING OR OPEN TO SPACE SHALL BE PROVIDED WITH AN ACCESSIBLE LOCKING PANEL EQUAL TO MIFAB TYPE CAD-FL - ACCESS PANEL SHALL BE PAINTED TO MATCH CEILING OR WALL FINISH.
18. ALL CONDENSATE PIPING SHALL BE INSULATED COPPER WITH 1" THICK ARMAFLEX INSULATION WITH GLUED JOINTS, OR 1 1/2" THICK FIBERGLASS INSULATION WITH VAPOR BARRIER MASTIC WRAP.
19. PROVIDE VACUUM BREAKERS WHERE ANY THREADED CONNECTIONS ARE PRESENT ON WATER SUPPLY LINE.
20. WATER HAMMER ARRESTORS TO BE INSTALLED ON EQUIPMENT PER MANUFACTURER RECOMMENDATIONS.

PLUMBING LEGEND

- COLD WATER LINE
- HOT WATER SUPPLY
- HOT WATER RETURN
- 140° HOT WATER - 140°F
- 140°R HOT WATER RETURN - 140°F
- SANITARY SEWER LINE
- GW GREASE WASTE
- G NATURAL GAS
- LP LIQUID PROPANE
- VENT LINE
- C CONDENSATE
- RW RAINWATER PIPING
- N NITROGEN
- NO NITROUS OXIDE
- O OXYGEN
- V VACUUM
- A AIR
- FW FILTERED WATER
- POINT OF CONNECTION TO EXISTING PLUMBING
- FLOOR DRAIN
- FLOOR SINK
- ROOF DRAIN
- WATER CLOSET CONNECTION
- FLOOR/GRADE CLEAN-OUT
- WALL CLEAN-OUT
- FIXTURE CONNECTION
- HOSE BIBB
- A WATER HAMMER ARRESTOR

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

PIPING SYMBOLS

- THREE WAY VALVE
- BALL VALVE
- BUTTERFLY VALVE
- GATE VALVE
- CHECK VALVE
- GAS COCK / PLUG VALVE
- GLOBE VALVE
- UNION
- CIRCUIT SETTER
- PRESSURE REGULATING VALVE
- PRESSURE RELIEF VALVE
- PIPE TURN DOWN
- PIPE TURN UP
- PIPE TEE DOWN
- PIPE TEE UP
- PIPE TRANSITION
- STRAINER
- CLEAN OUT

ABBREVIATIONS

- BV BALL VALVE
- CI CAST IRON
- CO CLEAN OUT
- CON CONDENSATE
- CW COLD WATER
- CHK. V CHECK VALVE
- EX EXISTING
- FD FLOOR DRAIN
- FS FLOOR SINK
- GW GREASY WASTE
- HB HOSE BIB/WALL HYDRANT
- HW HOT WATER
- HWS HOT WATER SUPPLY
- HWR HOT WATER RETURN
- P1 FIXTURE NUMBER (SEE SCHEDULE)
- SS SANITARY SEWER
- VS VENT STACK
- VT VENT LINE
- VTR VENT THRU ROOF
- VB VACUUM BREAKER
- WH WATER HEATER
- WS WASTE STACK

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PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:
PLUMBING SCHEDULE, NOTES & DETAILS

DRAWING NO:
P001

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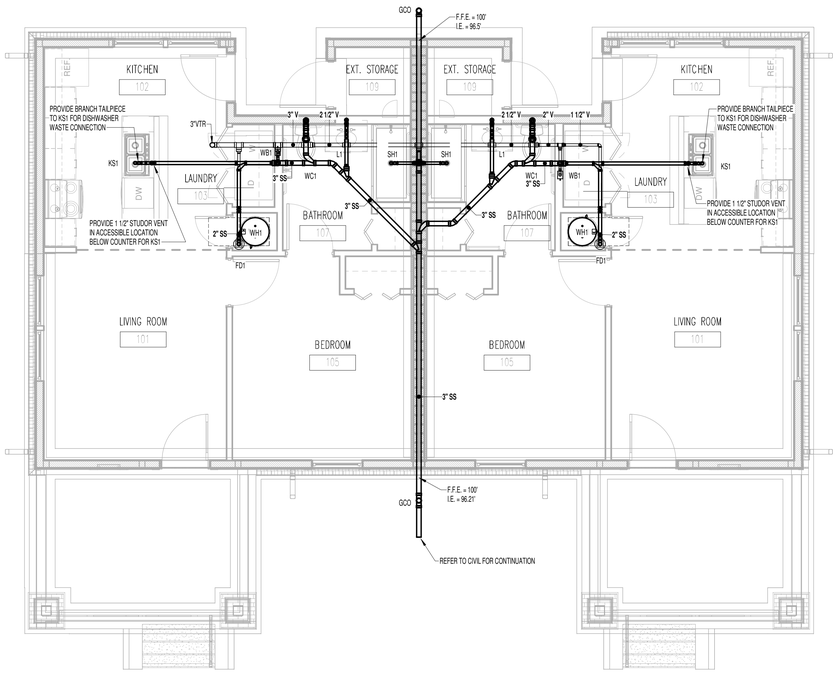

1 1.2C 1st Floor Sanitary
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

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- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

1.2.C - 1 BED DUPLEX PLAN - CRAFTSMAN SANITARY

DRAWING NO:

P110

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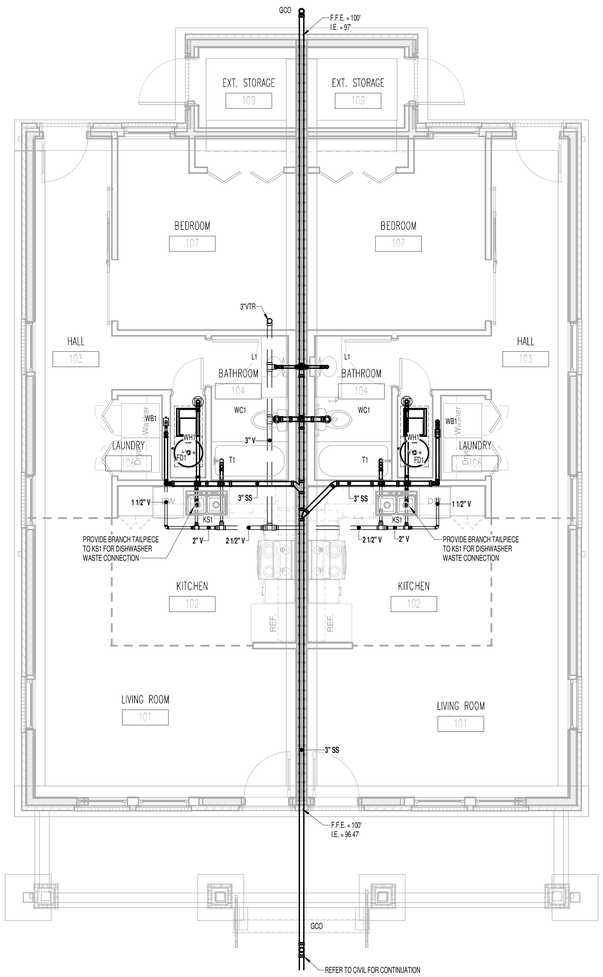

1 1.2F 1st Floor Sanitary
1/4" = 1'-0"

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

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ACTIVE DESIGN PHASE

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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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PA / PC:	
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DRAWING TITLE:

1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE SANITARY

DRAWING NO:

P111

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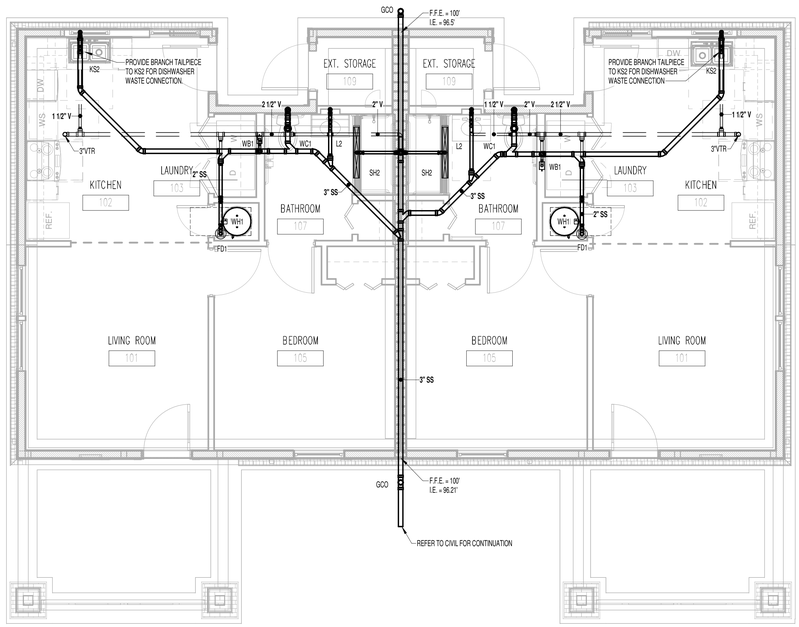

1 1.2C(u) 1st Floor Sanitary
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

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- ☐ DESIGN DEVELOPMENT
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PA / PC:	
DRAWN BY:	J.NICHOLS
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1.2C(u) - 1 BED DUPLEX PLAN - CRAFTSMAN (UFAS) SANITARY

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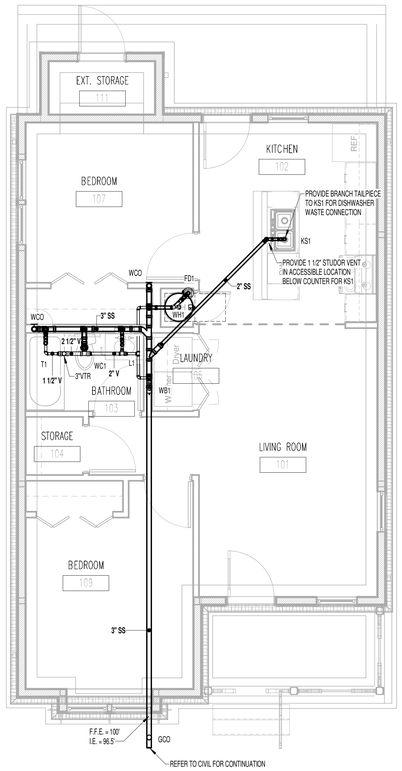

1 2.1V 1st Floor Sanitary
1/4" = 1'-0"

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
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- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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2.1.V - 2 BED SINGLE PLAN - VICTORIAN SANITARY

DRAWING NO:

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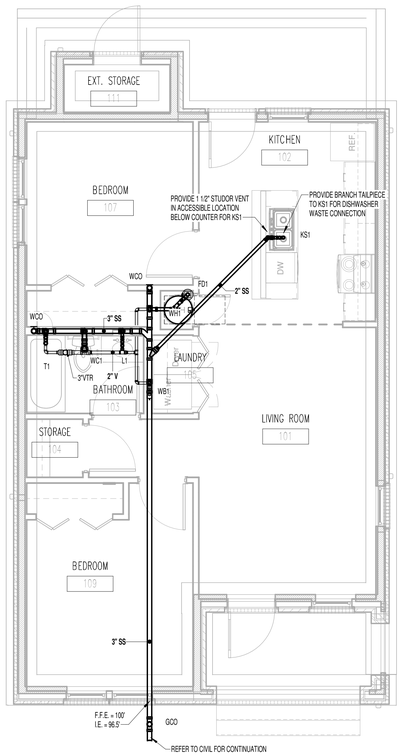

1 2.1T 1st Floor Sanitary
1/4" = 1'-0"

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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AGRICULTURE
IN HONOR OF
COMMERCE
NO. 103008
STATE OF TENNESSEE
6/4/2020

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KEY PLAN:

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DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
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CHECKED BY:	

DRAWING TITLE:

2.1.T - 2 BED SINGLE PLAN - TUDOR SANITARY

DRAWING NO:

P121

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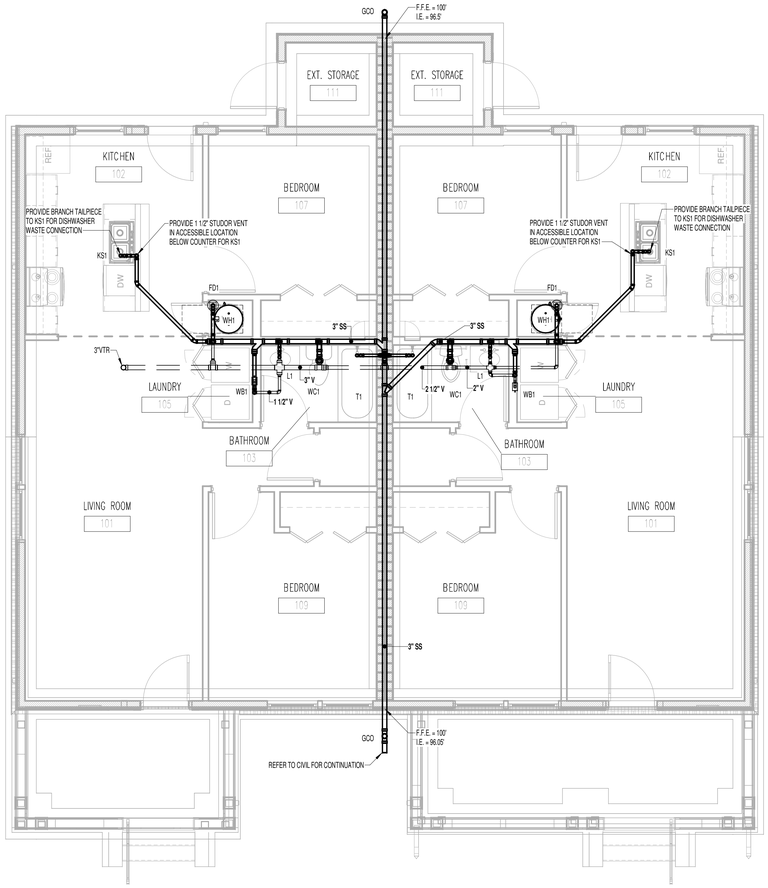

1 2.2C 1st Floor Sanitary
1/4" = 1'-0"

NOTE:
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN ACCORDANCE WITH
TCA 62-2-109
COMMISSION
NO. 103008
STATE OF TENNESSEE
6/4/2020

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DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN SANITARY
DRAWING NO:	P130

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1984

BINDING EDGE

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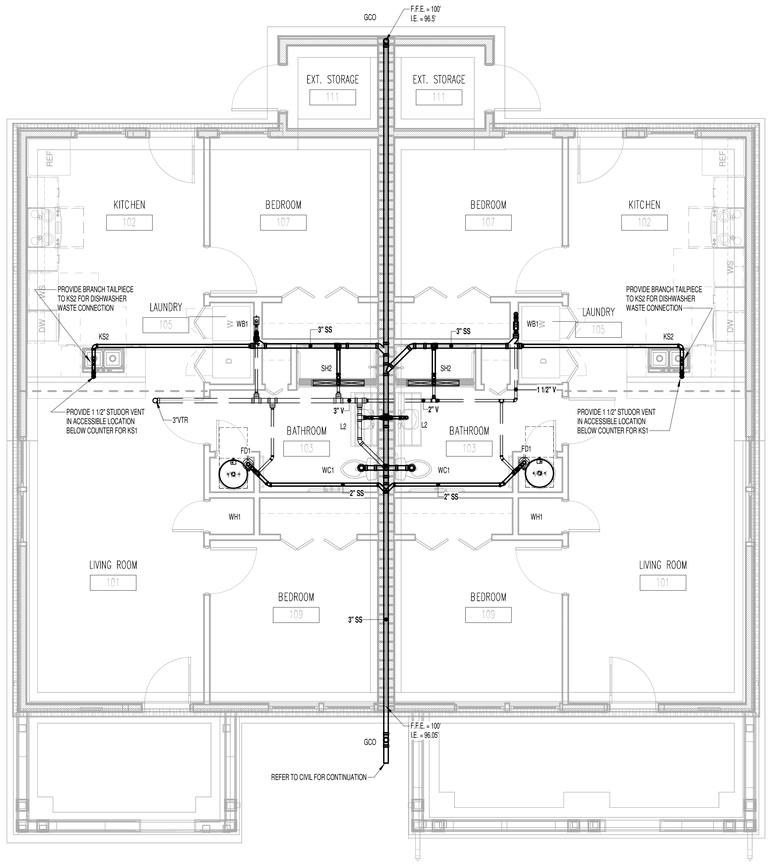

1 2.2C(u) 1st Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:37:02 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN ACTIVE
COMMERCE
NO. 123008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	2.2.C(u) - 2 BED DUPLEX PLAN - CRAFTSMAN (UFAS) SANITARY
DRAWING NO:	P135

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
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Phone: (865) 246-0144
Fax: (865) 246-1084

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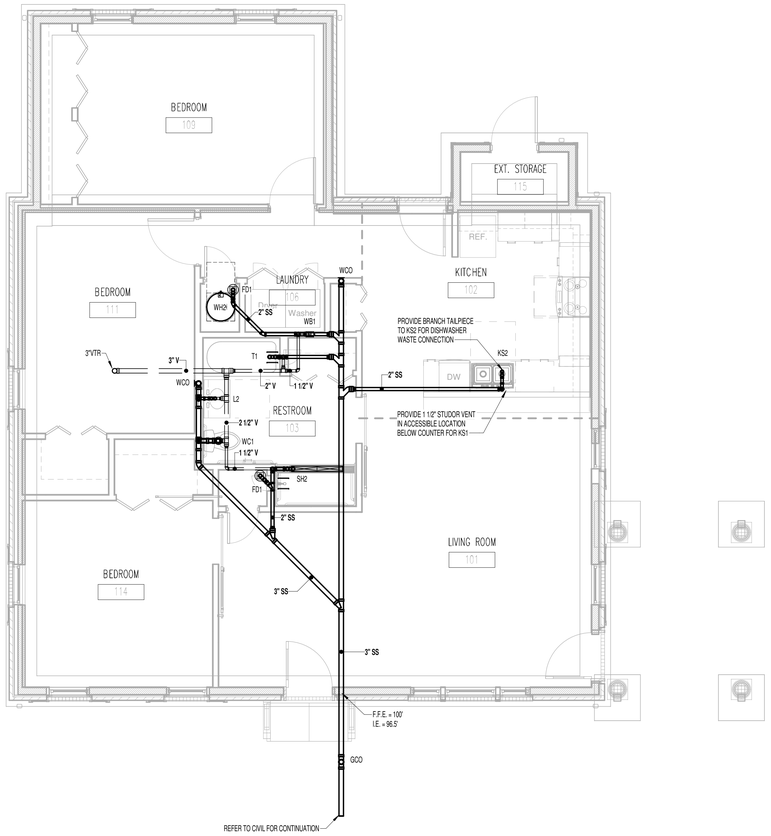
BINDING EDGE

BINDING EDGE



1 3.1Co(u) 1st Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:37:07 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101825
COMMERCE
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS) SANITARY

DRAWING NO:

P145

FACILITY SYSTEMS CONSULTANTS, LLC
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Phone: (865) 246-0164
Fax: (865) 246-1084

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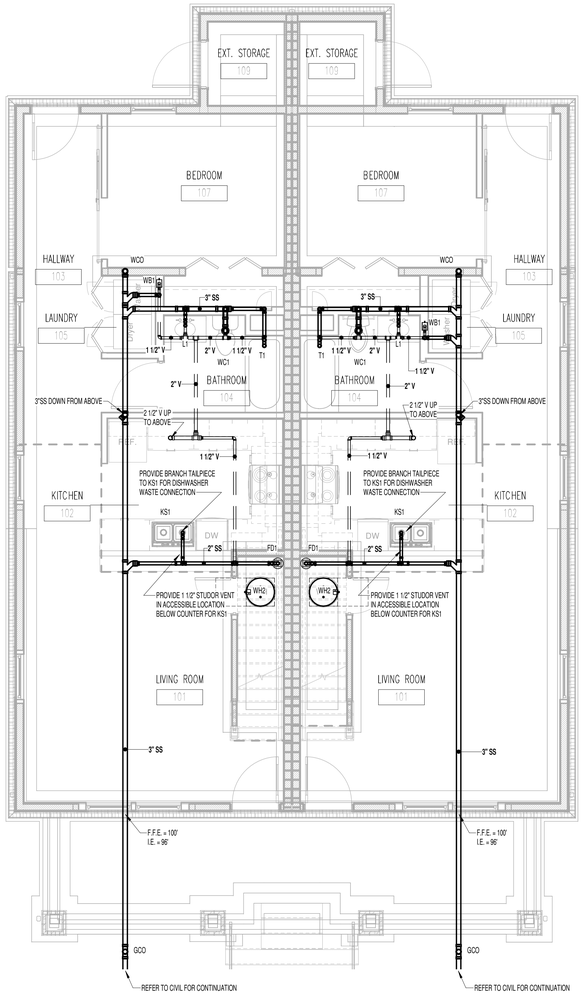
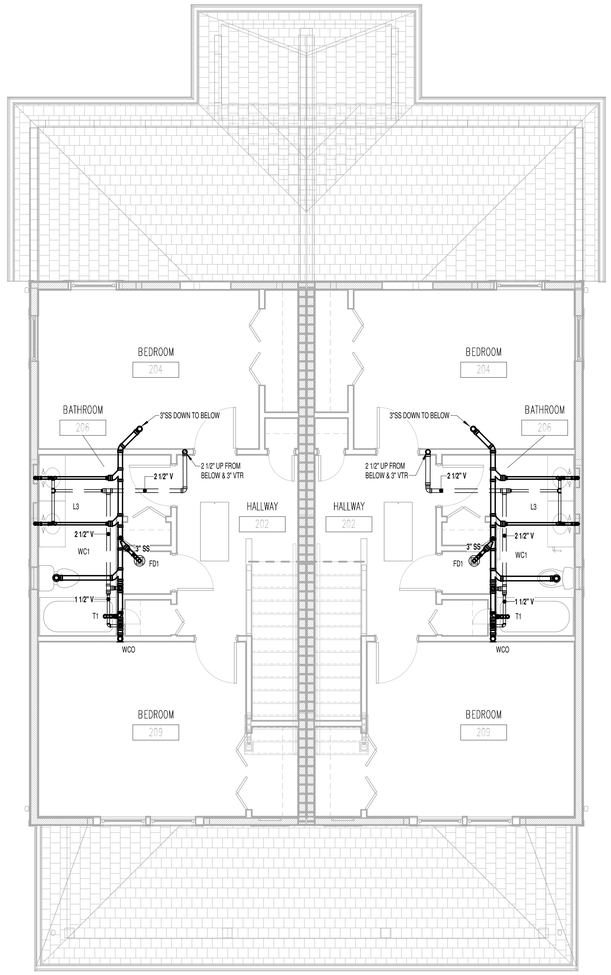


1 3.2Fa 1st Floor Sanitary
1/4" = 1'-0"



2 3.2Fa Second Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:37:22 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101827
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

3.2.Fa - 3 BED DUPLEX PLAN - 4 SQUARE SANITARY

DRAWING NO:

P150

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

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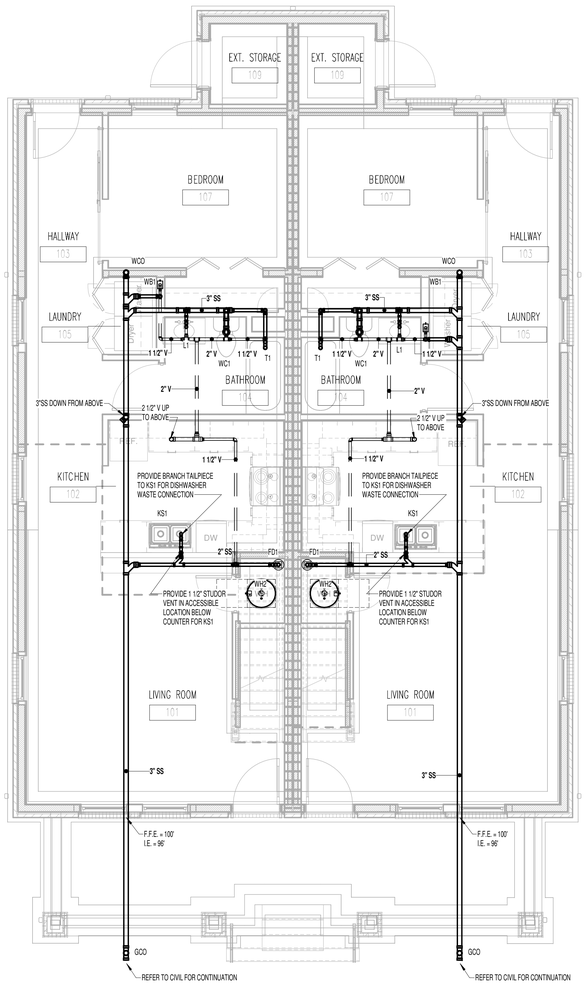
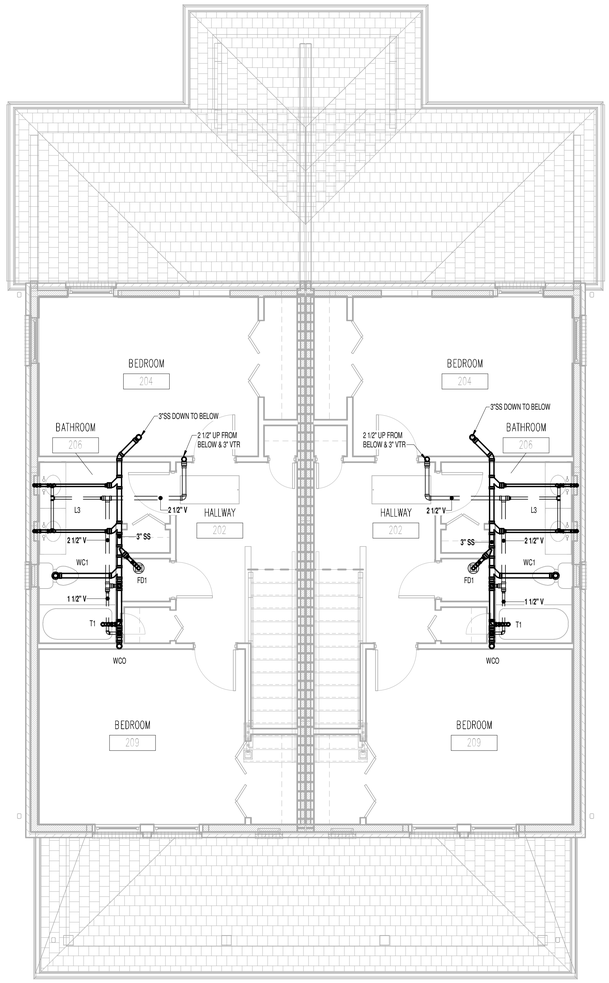


1 3.2Fb 1st Floor Sanitary
1/4" = 1'-0"



2 3.2Fb Second Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:37:37 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
NO. 110-0127
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE

3.2.Fb - 3 BED DUPLEX PLAN - 4 SQUARE (BRICK) SANITARY

DRAWING NO:

P151

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Fax: (865) 246-1084

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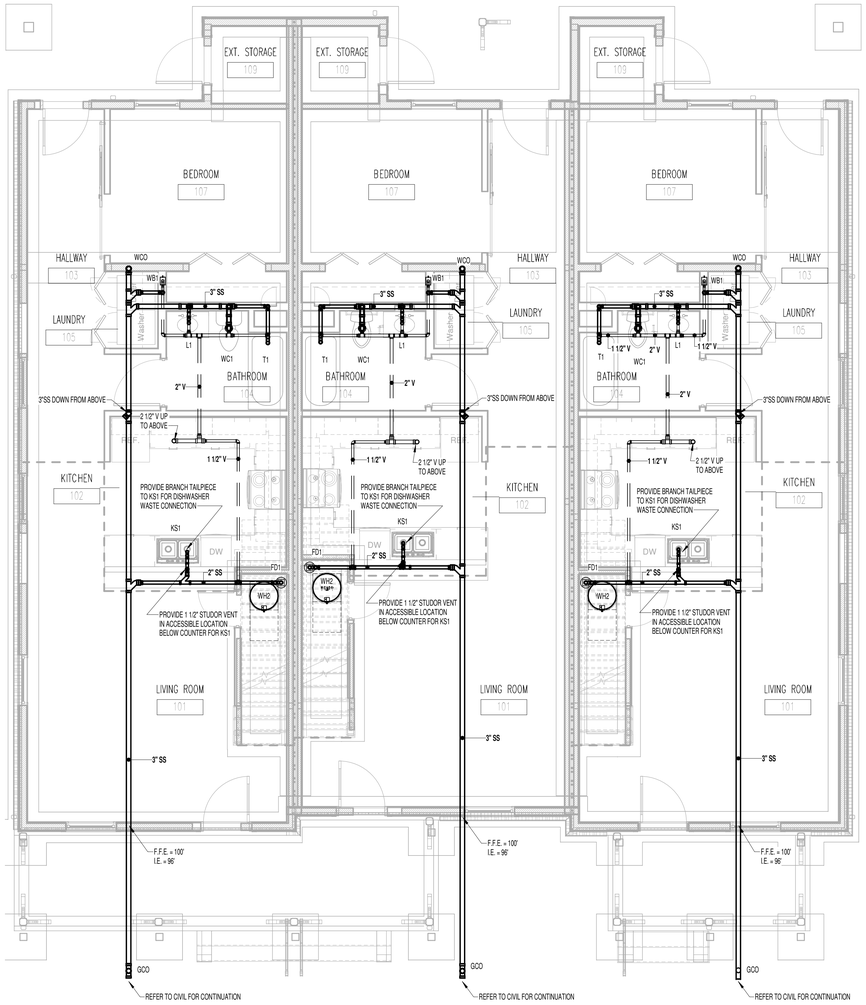
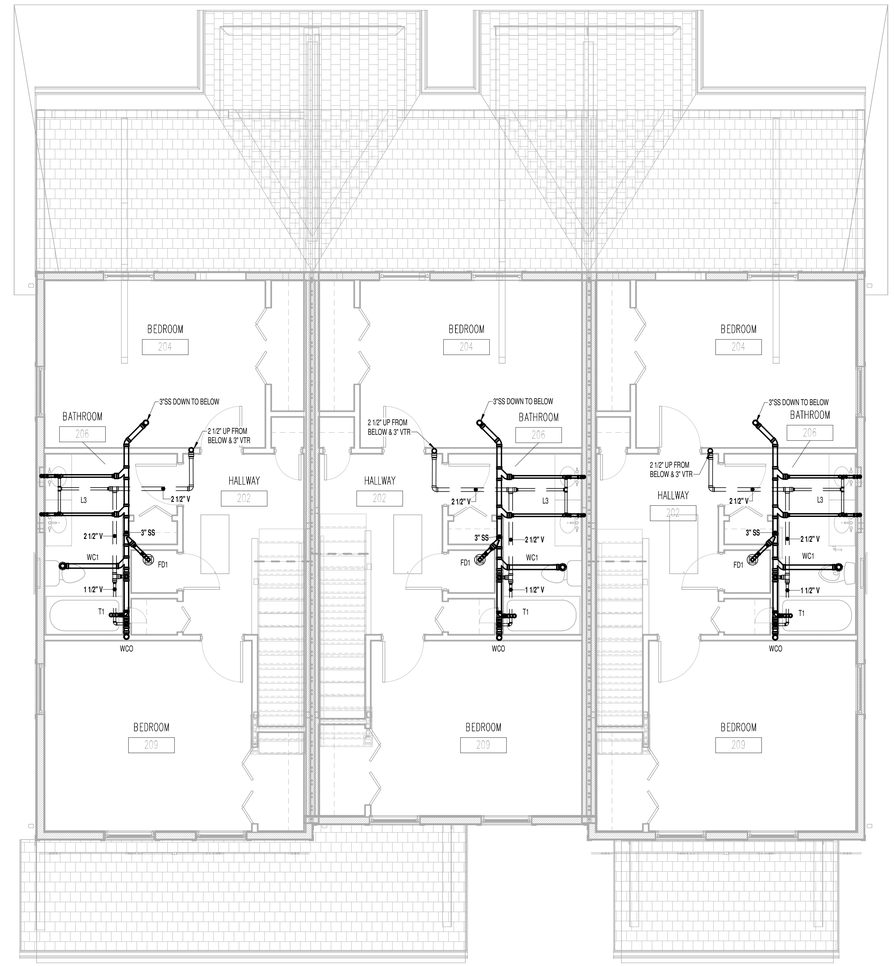


1 3.3V 1st Floor Sanitary
1/4" = 1'-0"



2 3.3V Second Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:37:52 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN
COMMERCE
NO. 123035
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

3.3.V - 3 BED TRIPLEX PLAN - VICTORIAN SANITARY

DRAWING NO:

P160

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

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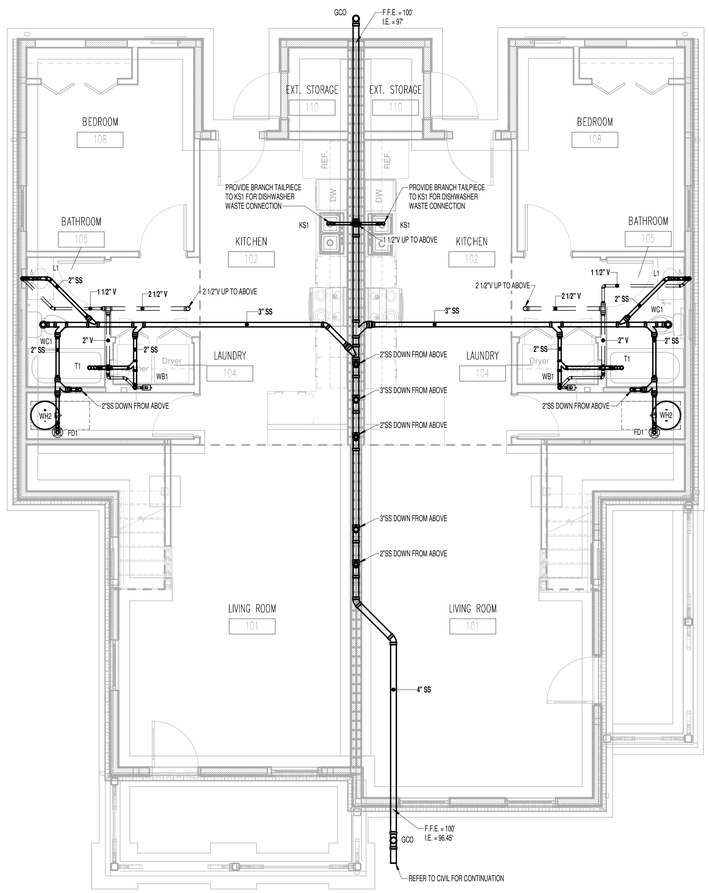
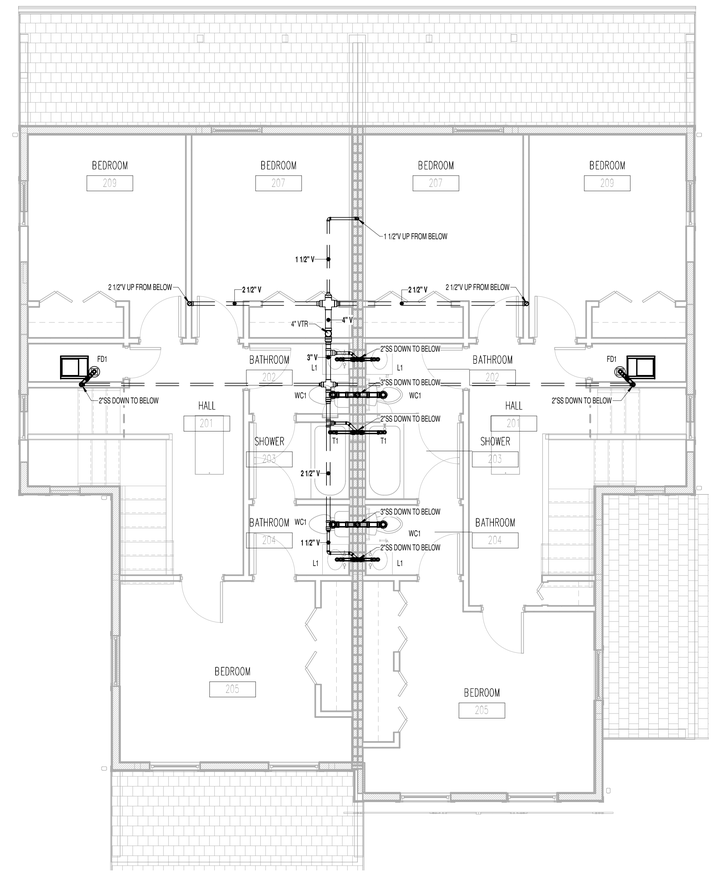


1 4.2V 1st Floor Sanitary
1/4" = 1'-0"



2 4.2V Second Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:05 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 121-00101
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	**4.2.V - 4 BED DUPLEX PLAN - VICTORIAN SANITARY**
DRAWING NO:	**P170**

FACILITY SYSTEMS CONSULTANTS, LLC
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Knoxville, Tennessee 37902
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Fax: (865) 246-1084

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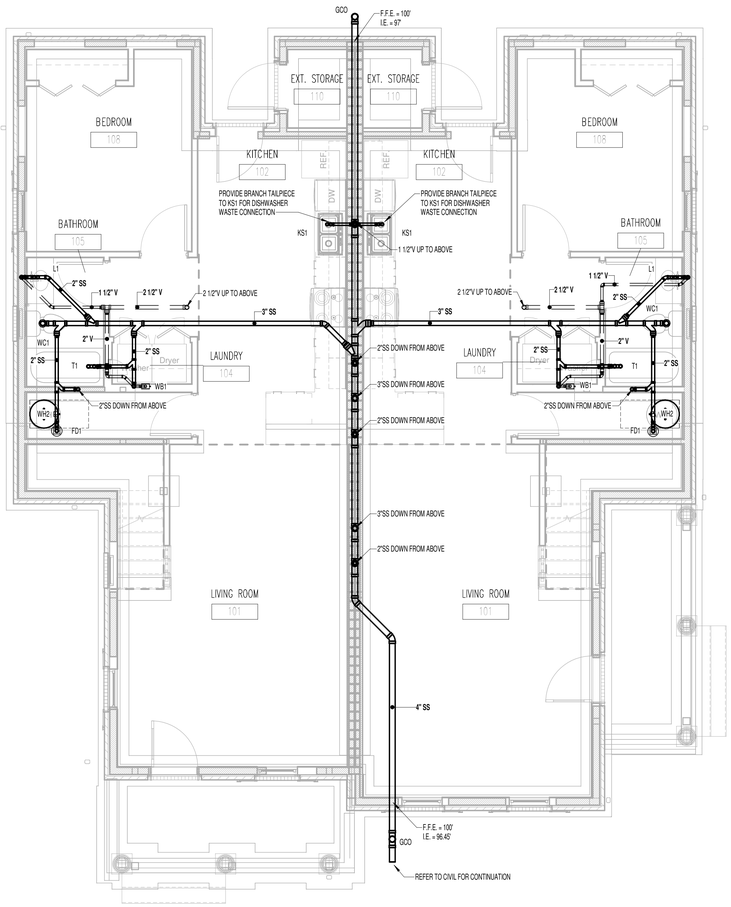
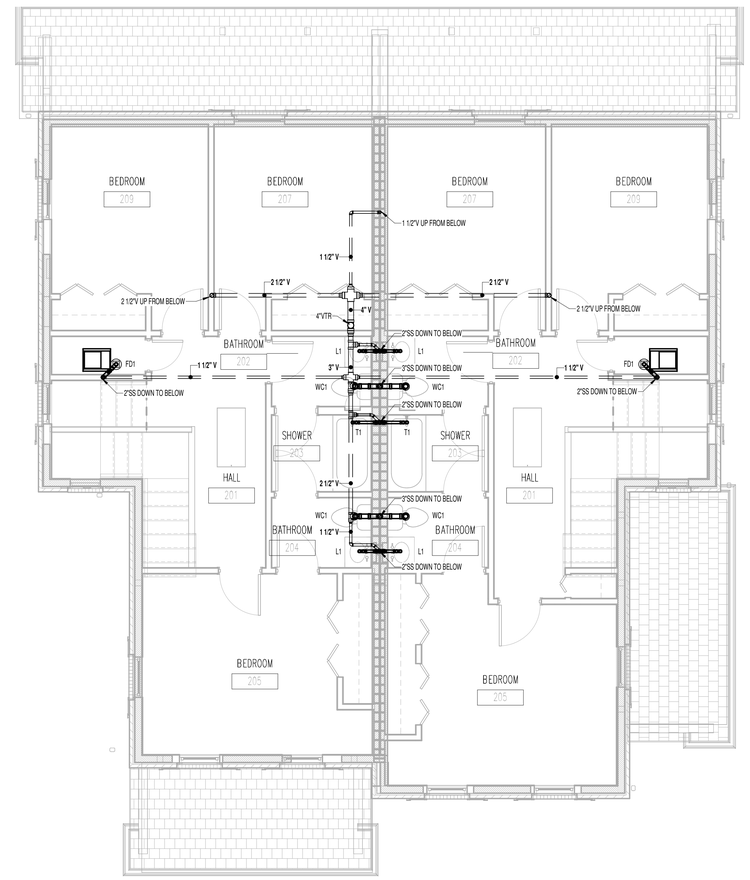


1 4.2Co 1st Floor Sanitary
1/4" = 1'-0"



2 4.2Co Second Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:21 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101321
COMMERCE
REG. 101321
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	**4.2CO - 4 BED DUPLEX PLAN - COLONIAL SANITARY**
DRAWING NO:	**P171**

FACILITY SYSTEMS CONSULTANTS, LLC
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Knoxville, Tennessee 37902
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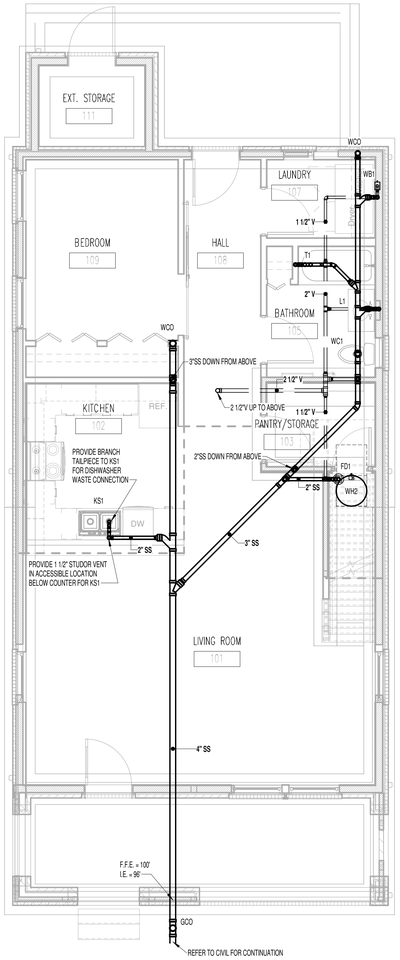
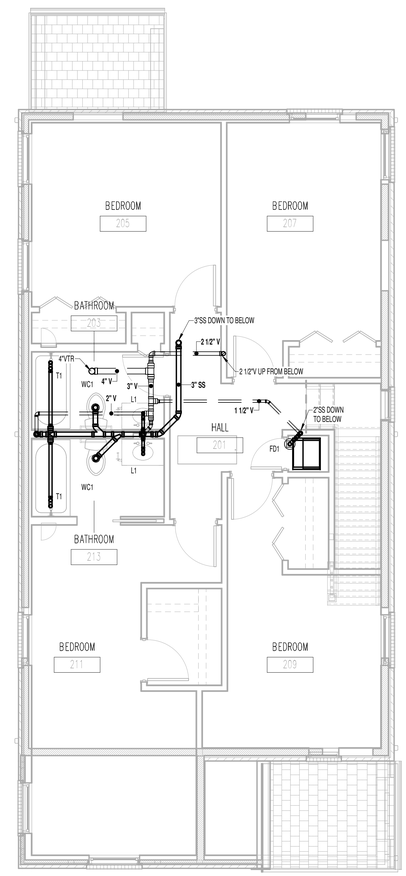


1 5.1T 1st Floor Sanitary
1/4" = 1'-0"



2 5.1T Second Floor Sanitary
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:29 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

5.1.T - 5 BED SINGLE PLAN - TUDOR SANITARY

DRAWING NO:

P180

FACILITY SYSTEMS CONSULTANTS, LLC
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Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

BINDING EDGE

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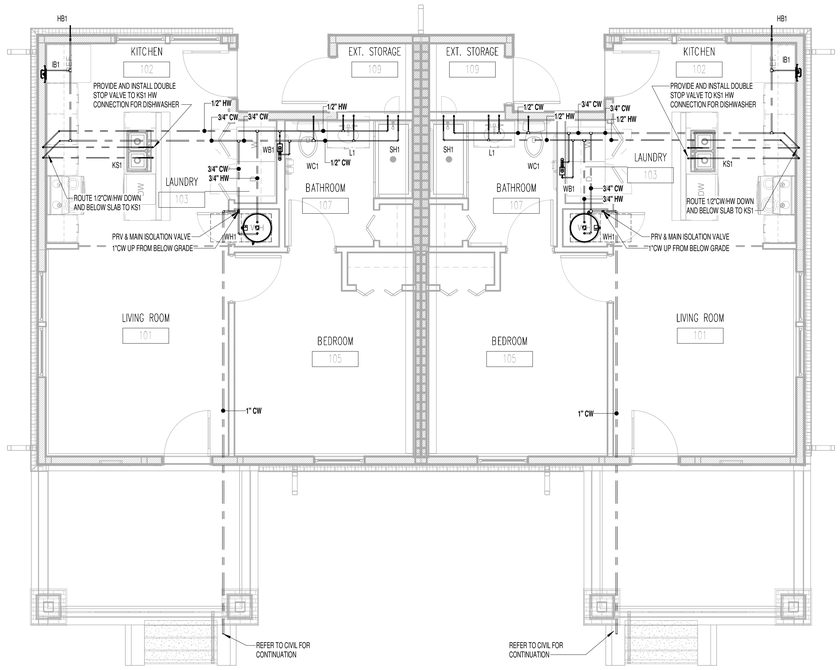

1 1.2C 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:37 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 10/2016
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

1.2.C - 1 BED DUPLEX PLAN - CRAFTSMAN DOMESTIC WATER

DRAWING NO:

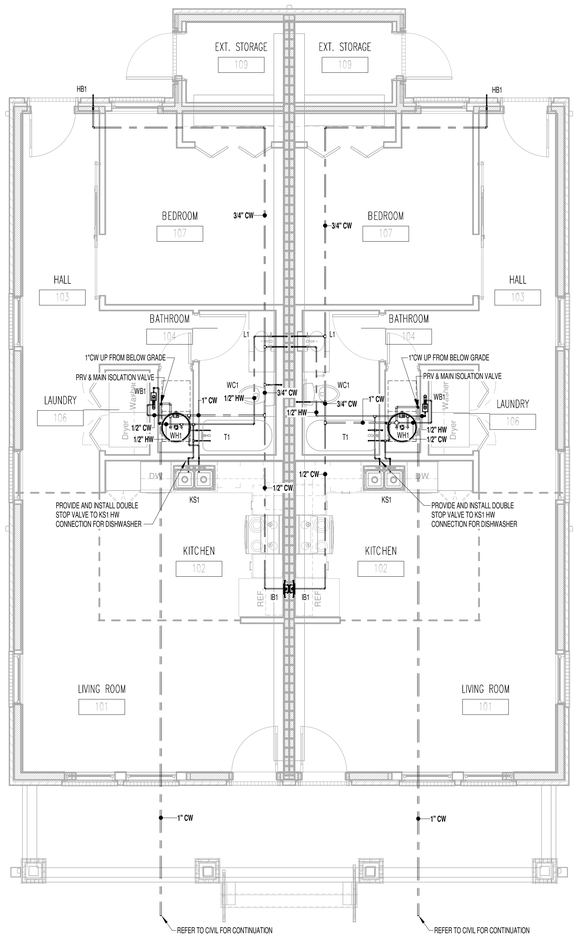
P210

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

BINDING EDGE



1 1.2F 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:42 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
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TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
IN ACCORDANCE WITH
TCA 62-2-109
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PIU MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

1.2.F - 1 BED DUPLEX PLAN - 4 SQUARE DOMESTIC WATER

DRAWING NO:

P211

FACILITY SYSTEMS CONSULTANTS, LLC
719 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

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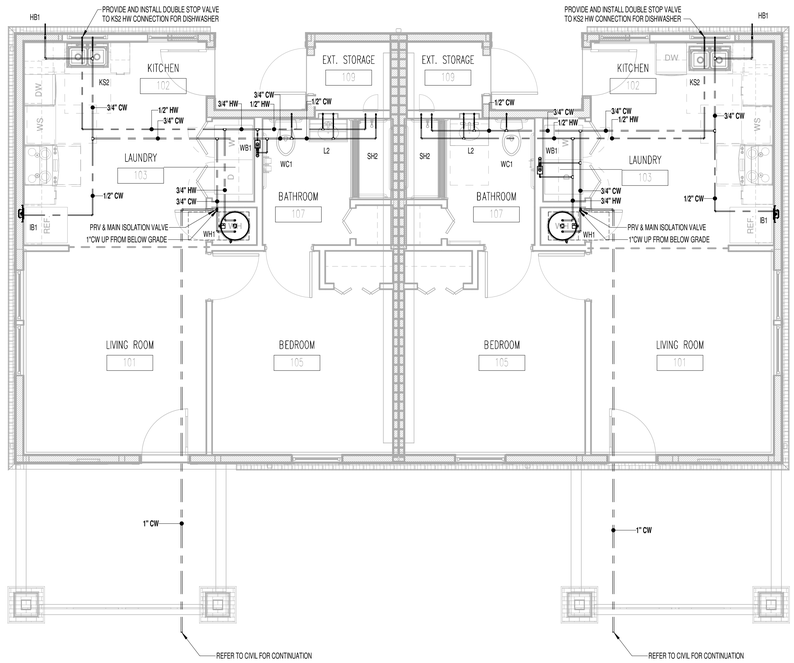

1 1.2C(u) 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:47 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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No. 101777
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

1.2.C(u) - 1 BED DUPLEX PLAN - CRAFTSMAN (UFAS) DOMESTIC WATER

DRAWING NO:

P215

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

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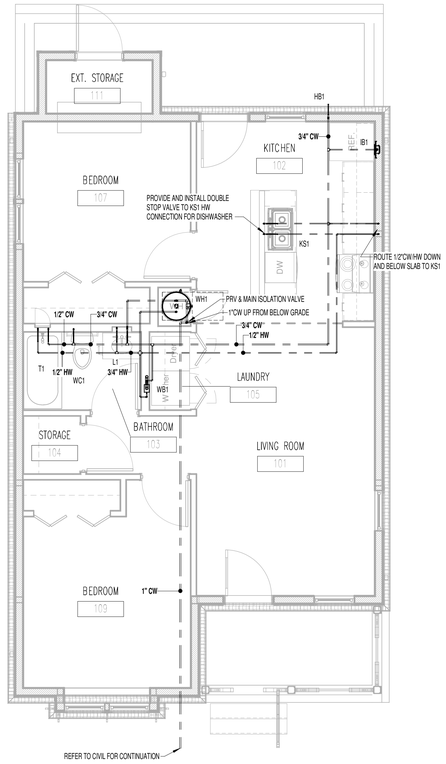

1 2.1V 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:38:54 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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IN HONOR
OF THE STATE
COMMERCE
NO. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

2.1.V - 2 BED SINGLE PLAN - VICTORIAN DOMESTIC WATER

DRAWING NO:

P220

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
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Fax: (865) 246-1084

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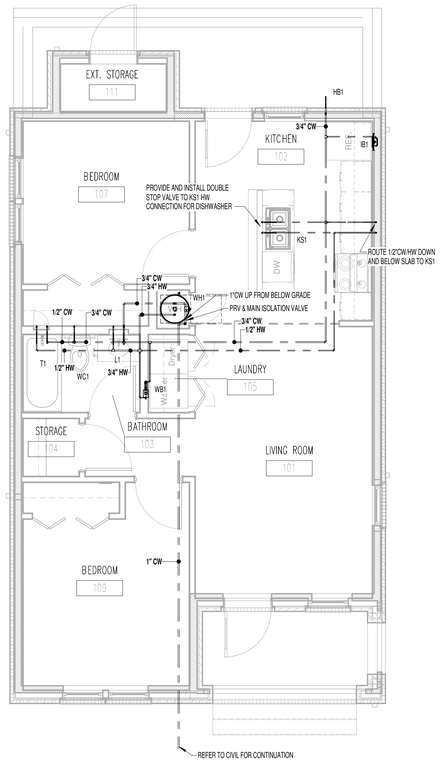

1 2.1T 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:39:03 PM

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McCARTY

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ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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AGRICULTURE
IN ACCORDANCE WITH
COMMERCE
NO. 103008
STATE OF TENNESSEE
6/4/2020

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CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

2.1.T - 2 BED SINGLE PLAN - TUDOR DOMESTIC WATER

DRAWING NO:

P221

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Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

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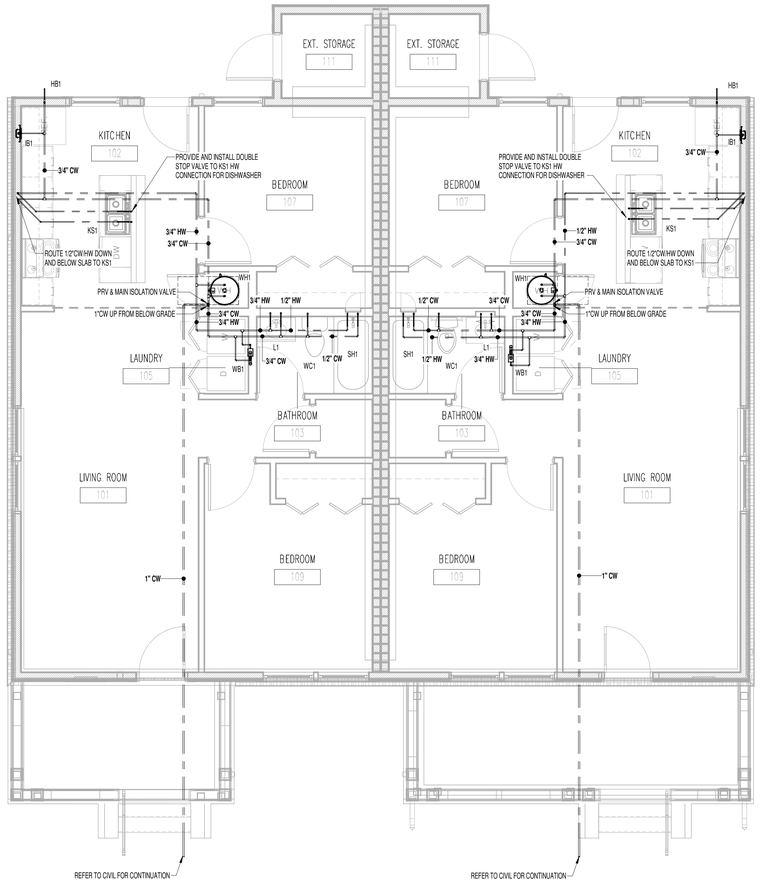

1 2.2C 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:39:10 PM

McCARTY
HOLSAPLE
McCARTY

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ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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AGRICULTURE
No. 102008
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PIU MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	2.2.C - 2 BED DUPLEX PLAN - CRAFTSMAN DOMESTIC WATER
DRAWING NO:	P230

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

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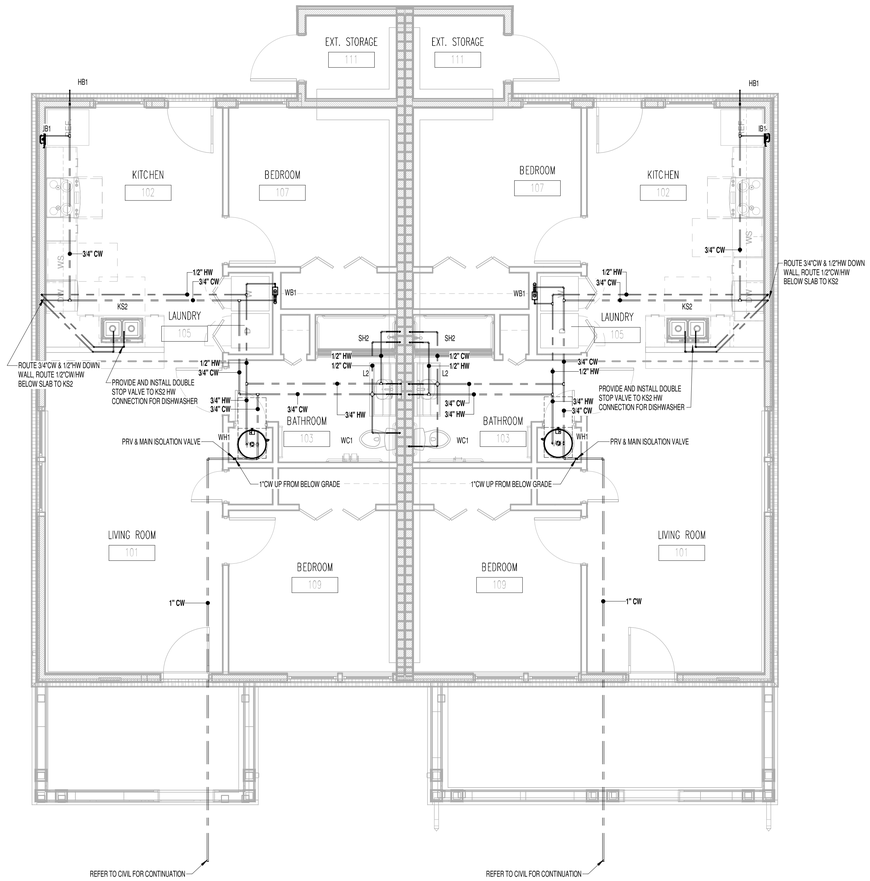

1 2.2C(u) 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:39:15 PM

McCARTY
HOLSAPLE
McCARTY

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ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
EMAIL:	
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101825
COMMERCE
No. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:
2.2.C(u) - 2 BED DUPLEX PLAN - CRAFTSMAN (UFAS) DOMESTIC WATER

DRAWING NO:
P235

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1064

BINDING EDGE

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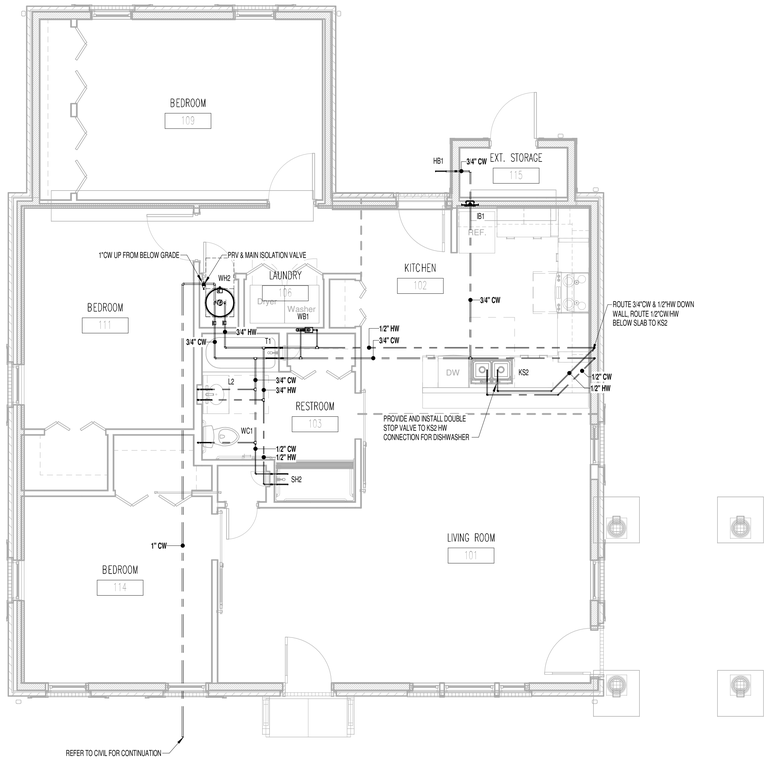
BINDING EDGE



1 3.1Co(u) 1st Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:39:20 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
EMAIL:
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 101810
COMMERCE
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:
3.1.CO(u) - 3 BED SINGLE PLAN - COLONIAL (UFAS) DOMESTIC WATER

DRAWING NO:
P245

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

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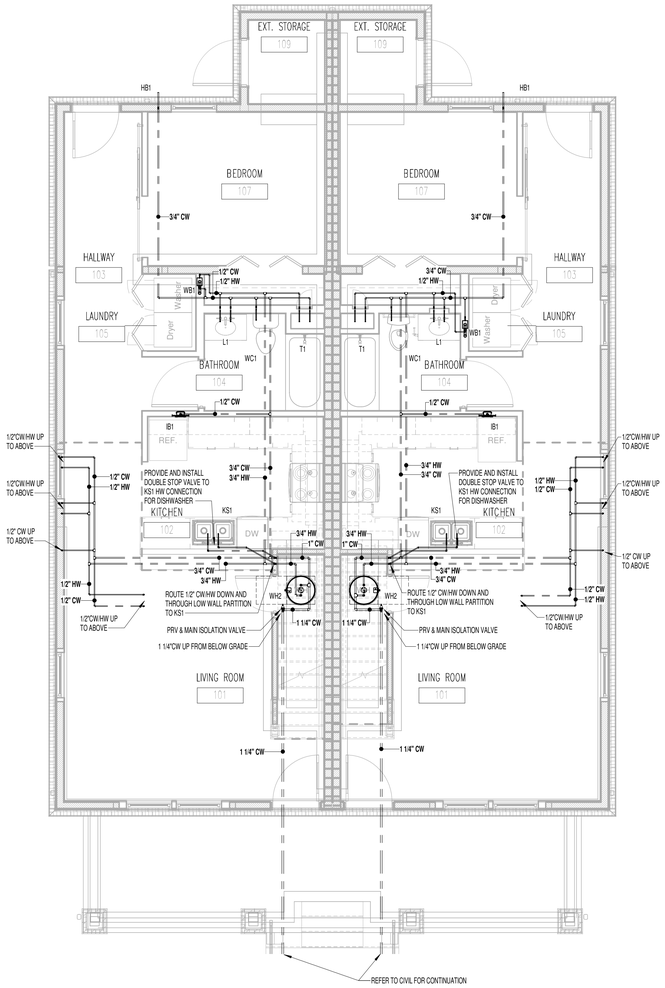
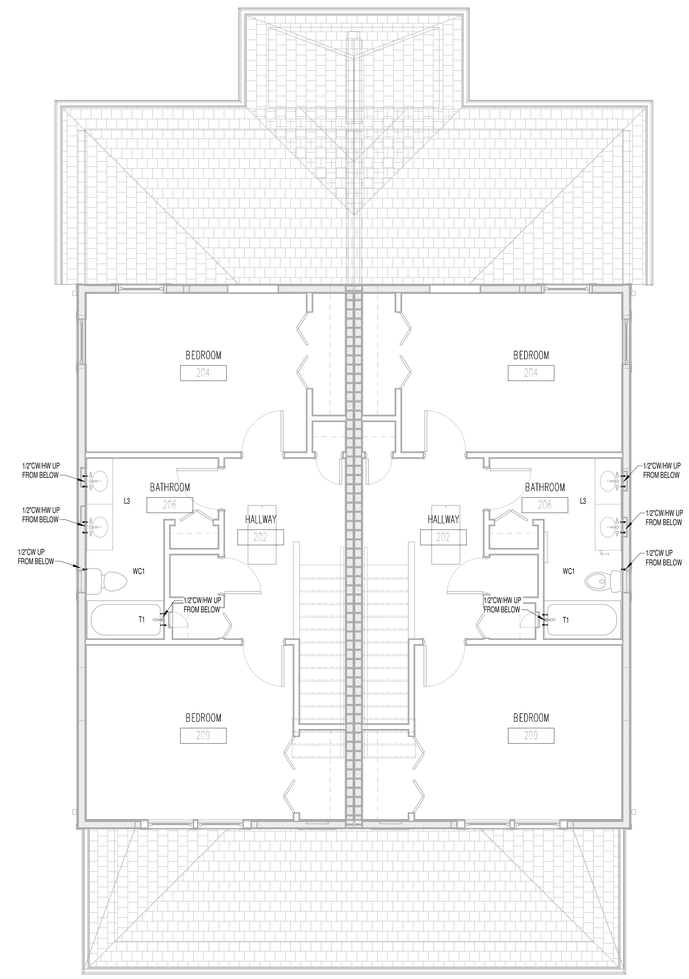


1 3.2Fa 1st Floor Domestic Water
1/4" = 1'-0"



2 3.2Fa Second Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:39:34 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
No. 110-0102
COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:
3.2Fa - 3 BED DUPLEX PLAN - 4 SQUARE DOMESTIC WATER

DRAWING NO:
P250

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

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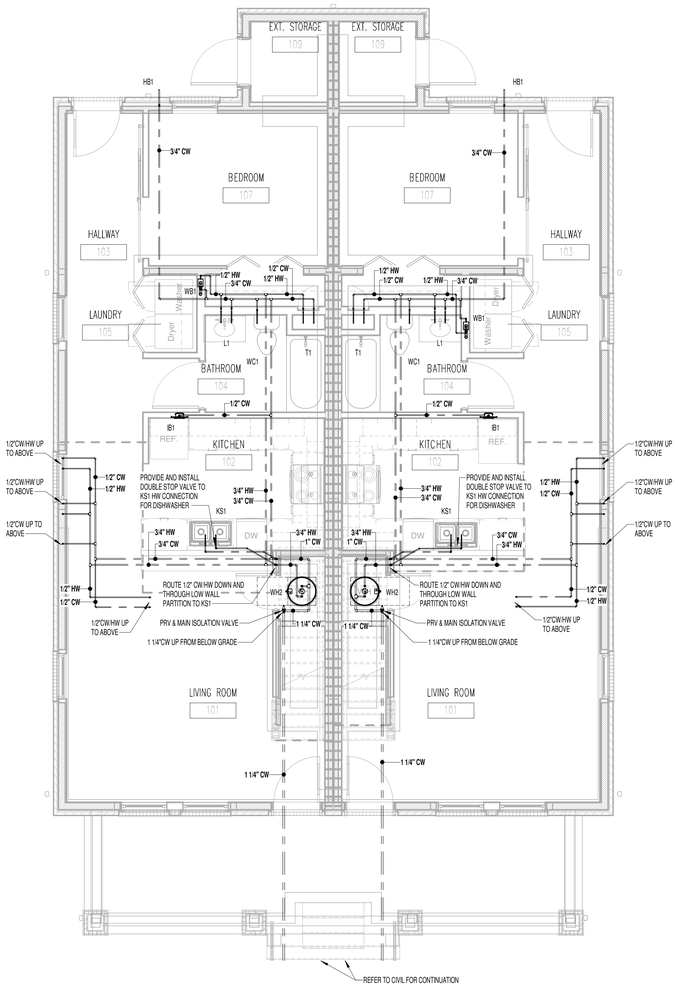
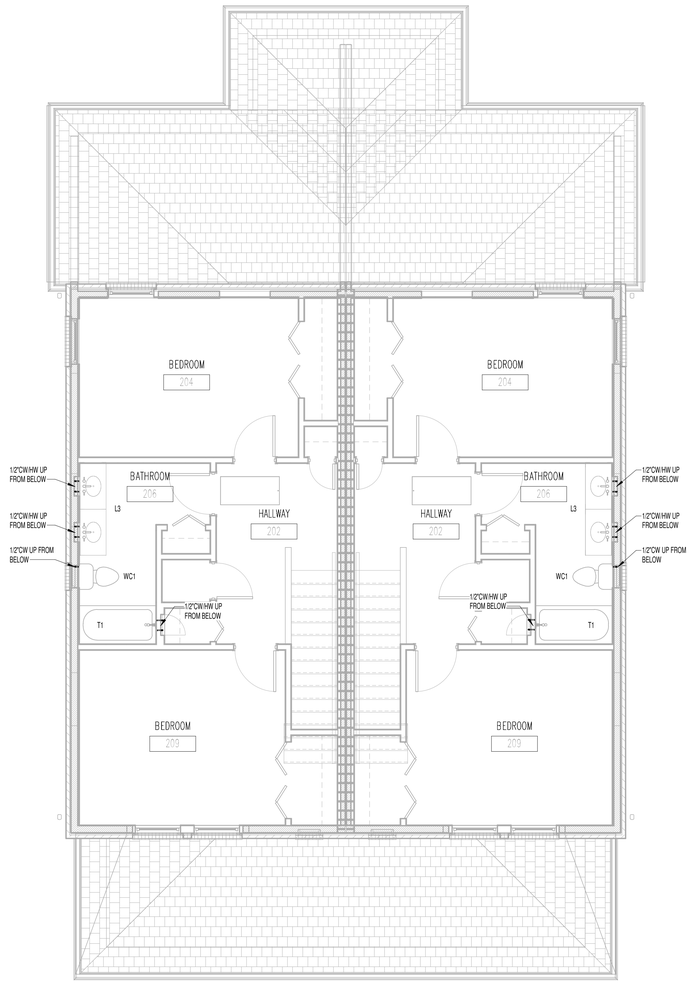
BINDING EDGE



1 3.2Fb 1st Floor Domestic Water
1/4" = 1'-0"



2 3.2Fb Second Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:39:49 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
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COMMERCE
REG. 102008
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PIU MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	3.2.Fb - 3 BED DUPLEX PLAN - 4 SQUARE (BRICK) DOMESTIC WATER
DRAWING NO:	P251

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Phone: (865) 246-0144
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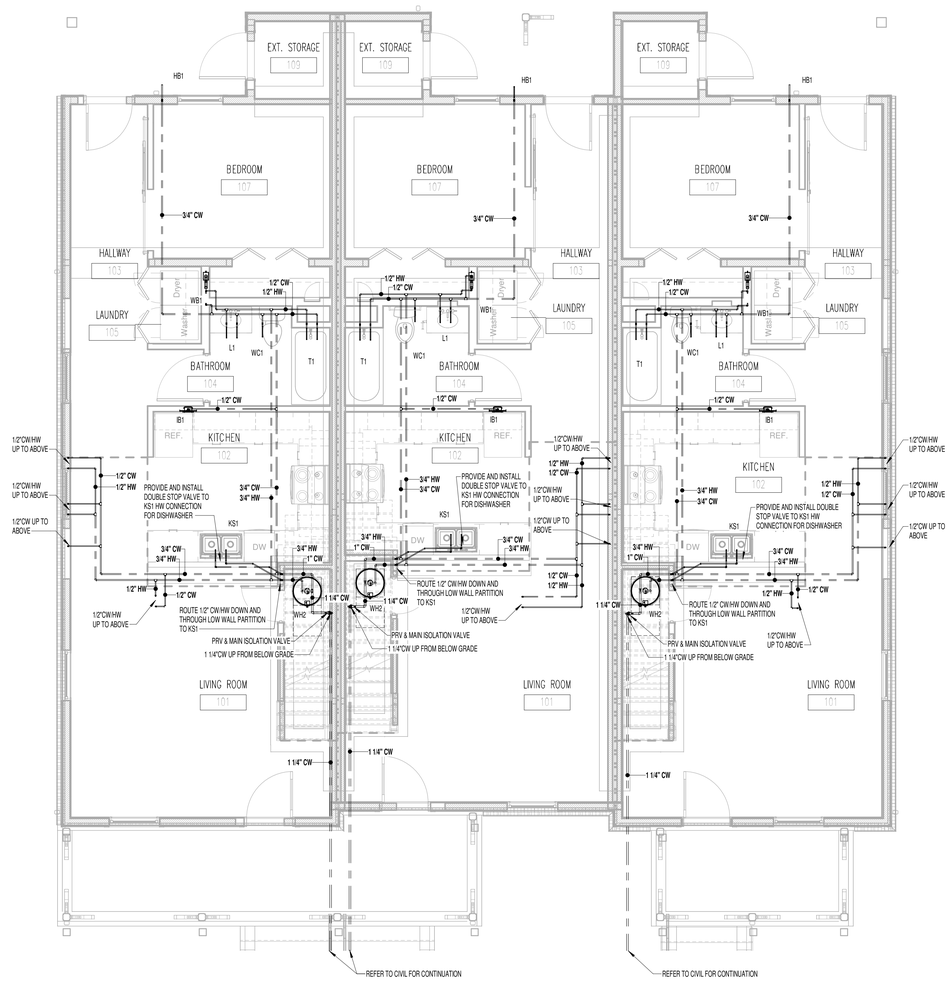

1 3.3V 1st Floor Domestic Water
1/4" = 1'-0"

2 3.3V Second Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:40:03 PM

McCARTY
HOLSAPLE
McCARTY

MHM

ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

JOHN MATTHEW KENNY
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 102016
STATE OF TENNESSEE
6/4/2020

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

3.3.V - 3 BED TRIPLEX PLAN - VICTORIAN DOMESTIC WATER

DRAWING NO:

P260

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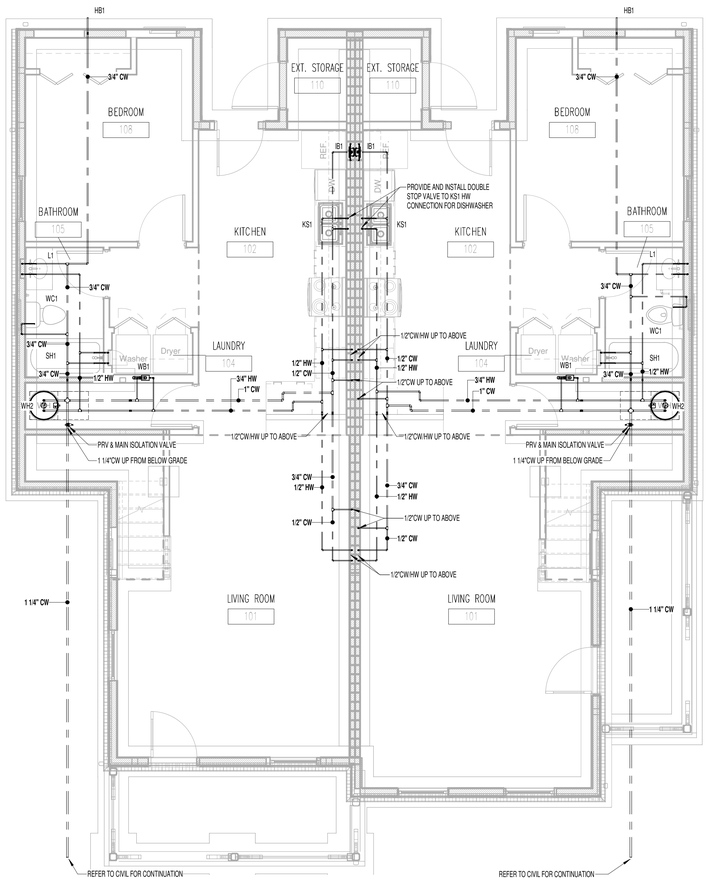
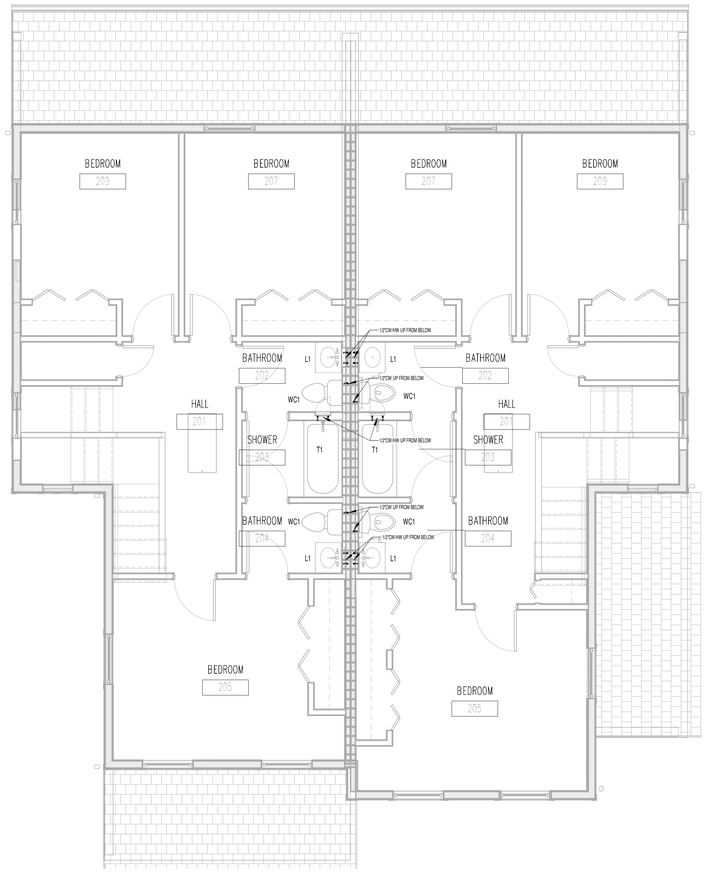


1 4.2V 1st Floor Domestic Water
1/4" = 1'-0"



2 4.2V Second Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:40:16 PM

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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STATE OF TENNESSEE
6/4/2020

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DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:
4.2.V - 4 BED DUPLEX PLAN - VICTORIAN DOMESTIC WATER

DRAWING NO:
P270

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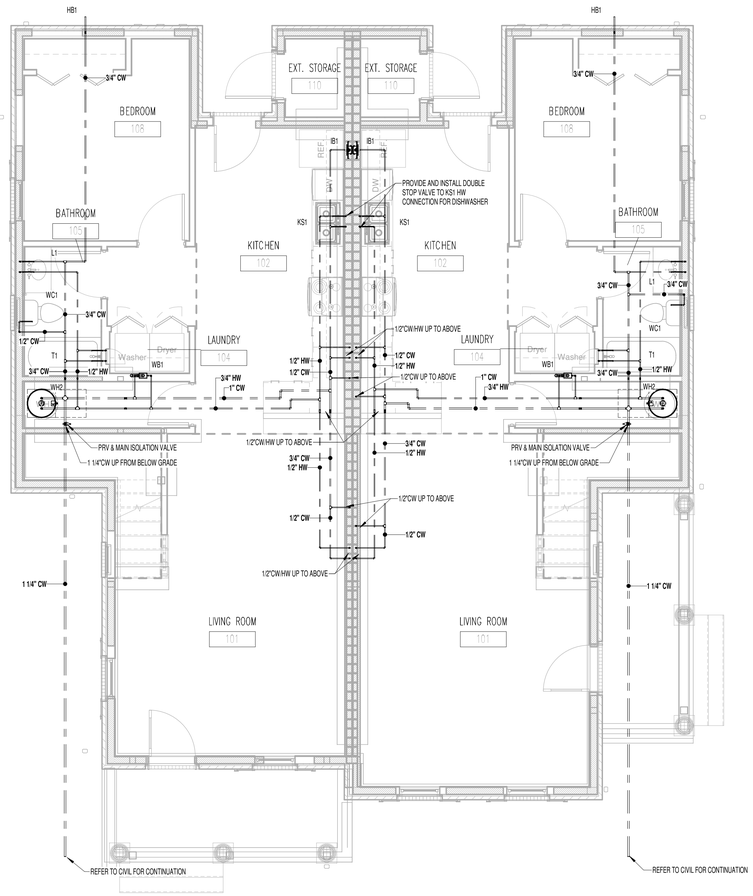
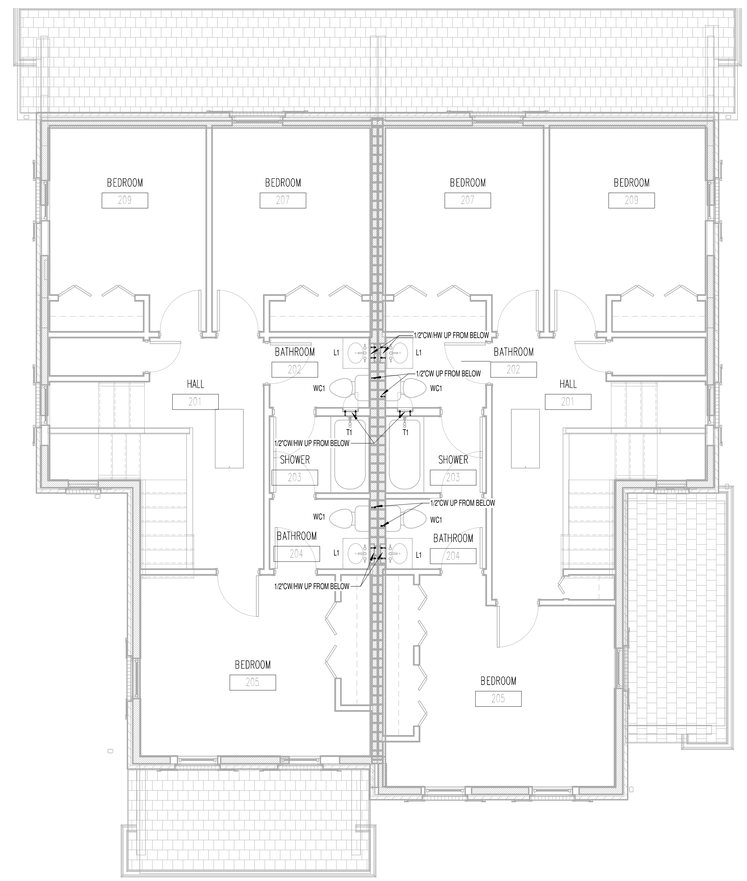


1 4.2Co 1st Floor Domestic Water
1/4" = 1'-0"



2 4.2Co Second Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:40:32 PM

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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6/4/2020

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DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	
DRAWING TITLE:	**4.2.CO - 4 BED DUPLEX PLAN - COLONIAL DOMESTIC WATER**
DRAWING NO:	**P271**

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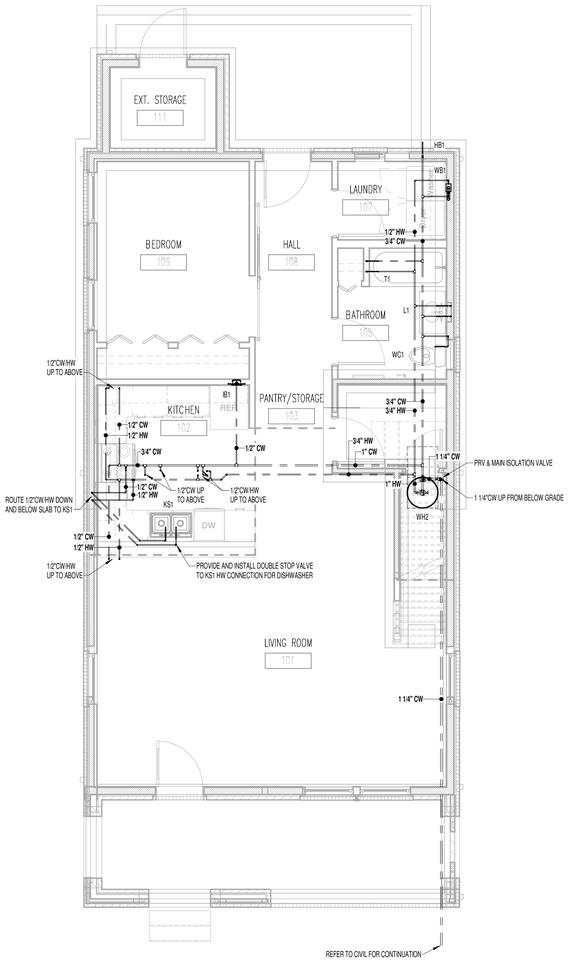
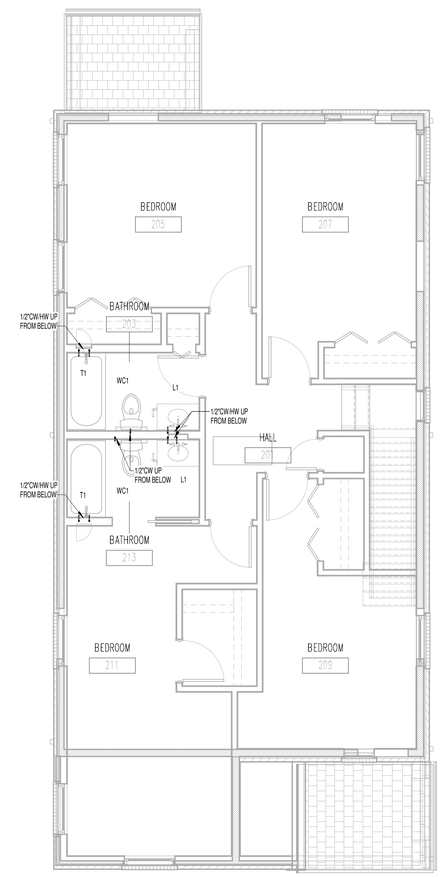


1 5.1T 1st Floor Domestic Water
1/4" = 1'-0"



2 5.1T Second Floor Domestic Water
1/4" = 1'-0"

NOTE:
1. FOR CONNECTION SIZES AT FIXTURES, SEE PLUMBING FIXTURE SCHEDULE.

TIME / DATE: 6/3/2020 2:40:40 PM

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HOLSAPLE
McCARTY

MHM

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& INTERIOR
DESIGNERS

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PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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PA / PC:	
DRAWN BY:	J.NICHOLS
CHECKED BY:	

DRAWING TITLE:

5.1.T - 5 BED SINGLE PLAN - TUDOR DOMESTIC WATER

DRAWING NO:

P280

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LEGEND

SYMBOL:	DESCRIPTION:
	METER, PROVIDE AND INSTALL IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS.
A	FLUORESCENT LIGHTING FIXTURE; "A" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE
A	INCANDESCENT, H.I.D., OR COMPACT FLUORESCENT LIGHTING FIXTURE; "A" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE
A	CEILING FAN, WITH LIGHT KIT, "A" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE
S	WALL SWITCH; SINGLE POLE UNLESS NOTED S- OR 4-WAY; WP INDICATES WEATHERPROOF, +48"- ABOVE FLOOR EXCEPT IN MASONRY WALLS WHERE HEIGHT SHALL BE ADJUSTED TO HAVE BOX EDGE OCCUR AT A MASONRY JOINT.
3S	3-WAY LIGHT SWITCH; 20 AMP, 277V, MTD 48" AFF, UNO.
4S	4-WAY LIGHT SWITCH; 20 AMP, 277V, MTD 48" AFF, UNO.
PS	PHOTOCELL SENSOR
	20A, 125V, 2 POLE, 3 WIRE, GROUNDING DUPLEX RECEPTACLE, MTD 18" AFF, UNO.
	20A, 125V, 2 POLE, 3 WIRE, GROUNDING DUPLEX RECEPTACLE MTD. 42" AFF, UNO.
	208 VOLT, SINGLE-PHASE RECEPTACLE, NEMA 14-50R, INSTALL +4" AFF EXTEND 8.0 WG TO PANEL IN UNIT.
	240 VOLT, SINGLE-PHASE RECEPTACLE, NEMA 14-30R, INSTALL +36" AFF EXTEND 10.0 WG TO PANEL IN UNIT.
A-1	PANELBOARD, RECESSED OR SURFACE MOUNTED AS INDICATED ON DRAWINGS. TOP 6 FEET ABOVE FINISHED FLOOR OR 4 FEET ABOVE FINISHED FLOOR IN ACCESSIBLE APARTMENT UNITS. ADJUSTED TO OCCUR AT A MASONRY JOINT. SEE PANELBOARD SCHEDULE FOR EQUIPMENT CONTAINED.
	HOMERUN CONDUIT AND CONDUCTORS EXTENDED TO PANELBOARD "A". CIRCUITS NO.1, CROSS LINES INDICATE THE NUMBER OF NO. 12 AWG CONDUCTORS WHERE MORE THAN TWO, CIRCUITS SHARING THE SAME NEUTRAL SHALL BE CONNECTED TO DIFFERENT PHASES WITHIN THE PANELBOARD REGARDLESS OF NUMBERING INDICATED ON THE DRAWINGS.
	PHONE OUTLET. PROVIDE JUNCTION BOX WITH COVERPLATE AND RJ11 JACK, EXTEND CAT 5E TO MODULAR WIRING CABINET, 18" AFF UNO.
	PHONE OUTLET. PROVIDE JUNCTION BOX WITH COVERPLATE AND RJ11 JACK, EXTEND CAT 5E TO MODULAR WIRING CABINET. MOUNTED 42" AFF, UNO.
TV	TELEVISION OUTLET, PROVIDE JUNCTION BOX WITH COVERPLATE AND F-TYPE CONNECTOR EXTEND RG-6 TO MODULAR WIRING CABINET, 18" AFF UNO.
SA	SINGLE-STATION ALARM SMOKE DETECTOR WALL OR CEILING MOUNTED AS INDICATED ON PLANS, CONNECT TO 120V, MOUNT TOP OF DETECTOR 6" BELOW CEILING WHERE WALL MOUNTED. INTERLOCK ALL DETECTORS IN UNITS. KIDDE MODEL NO. KN-COPE-I.
SA ADA	SINGLE-STATION ALARM STROBE, ADA COMPLIANT, WALL OR CEILING MOUNTED AS INDICATED ON PLANS, CONNECT TO 120V, MOUNT TOP OF DETECTOR 6" BELOW CEILING WHERE WALL MOUNTED. INTERLOCK ALL DETECTORS IN UNITS. SRK BRAND MODEL NO. 7915BSL.
ST ADA	DOOR CHIME STROBE, WHEELOCK CO. RSS-24MCW OR EQUAL, PROVIDE LOW VOLTAGE WIRING FROM DOORBELL CHIME.
RH	RANGE HOOD, PROVIDE 120 VOLT RECEPTACLE IN CABINET ABOVE
DW	DISHWASHER, PROVIDE 120 VOLT CONNECTION BELOW COUNTER.
	EXHAUST FAN; 120 VOLTS, PROVIDE MEANS OF DISCONNECT PER NEC.
WH	WATER HEATER, 240 VOLTS, 4.5KW PROVIDE 30A, 2-POLE, DISCONNECT SWITCH AND CONNECT 10/2WG TO PANEL IN UNIT.
"MWC"	MODULAR WIRING CABINET. RECESSED OR SURFACE MOUNTED AS INDICATED ON PLANS, TOP 5'-0" AFF. USE HUBBELL CO. MODEL NO NSCBNK14 WITH 8-PORT PHONE AND 4-PORT FOR COAX.
DB	DOOR BELL BUTTON MOUNT 42" AFF USE NUTONE CO. MODEL NO. BK125LWH
CH	DOOR BELL CHIME, MOUNT 84" AFF INCLUDED WITH DOOR BELL

ELECTRICAL ABBREVIATIONS

ABBREVIATIONS	DESCRIPTION:
A	AMPERE
AFF	ABOVE FINISHED FLOOR - MEASURED FROM FLOOR TO CENTER OF DEVICE, EXCEPT AS OTHERWISE SPECIFICALLY NOTED.
ADA	AMERICANS WITH DISABILITIES ACT OF 1990
AFG	ABOVE FINAL GRADE
C	CONDUIT
F	FUSE
G	GROUND
GF	INDICATES RECEPTACLE OR CIRCUIT BREAKER, AS APPLICABLE, TO HAVE GROUND FAULT PROTECTION
MCM	Kcmil (THOUSAND CIRCULAR MILS)
NEC	NATIONAL ELECTRICAL CODE
N	NEUTRAL
PH	PHASE
S.O.	SPACE ONLY
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR, LEVITON 57??? SERIES OR EQUAL.
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
WP	INDICATES DEVICE TO HAVE WEATHERPROOF COVER, TAYMAC MODEL NO. MX3200 OR EQUAL

GENERAL ELECTRICAL NOTES

1. CONTRACTOR IS STRONGLY ENCOURAGED TO VISIT THE JOB SITE AND CAREFULLY EXAMINE THOSE PORTIONS OF THE SITE AFFECTED BY THIS WORK SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF THE WORK.
2. CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND PERMITS. ALSO, THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH LOCAL UTILITY COMPANY. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR METERING EQUIPMENT AND ALL ELECTRICAL EQUIPMENT AND WIRING FED FROM THE MAIN SERVICE ENTRANCE.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT/APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE, NFPA 70. SHOULD PLANS AND CODES CONFLICT, THE CODE TAKES PRECEDENCE. MAKE NO CHANGES, EVEN IN THE CASE OF CONFLICT, WITHOUT FIRST OBTAINING APPROVAL OF THE ENGINEER.
4. ALL MATERIALS SHALL BE LISTED AND LABELED BY UNDERWRITERS LABORATORY, INC.
5. UNLESS OTHERWISE NOTED, ALL POWER CIRCUIT CONDUCTORS SHALL BE COPPER #12 AWG MINIMUM WITH THHN/THWN, 600 VOLT INSULATION. SERVICE ENTRANCE AND FEEDERS SHALL BE INSTALLED IN CONDUIT. BRANCH CIRCUIT WIRING SHALL BE NON-METALLIC CABLE. "ROMEX". PROVIDE BRANCH CIRCUIT WIRING TO CONNECT ALL DEVICES, FIXTURES, HVAC UNITS, ETC TO CIRCUITS INDICATED ON DRAWINGS. UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC, AND EXPOSED ABOVE GROUND CONDUITS SHALL BE SCHEDULE 80 PVC.
6. A GREEN, COPPER GROUND WIRE SHALL BE INSTALLED IN ALL CONDUIT SYSTEMS PER NEC AND SHALL BE BONDED TO ALL ENCLOSURES, BOXES, AND EQUIPMENT.
7. BONDING JUMPERS SHALL BE USED TO BOND CONDUIT TO ENCLOSURES, BOXES, AND EQUIPMENT WHERE KNOCKOUTS ARE USED.
8. "PROVIDE" AS USED HERE AND ON THE DRAWINGS, IS AN ALL-INCLUSIVE TERM REQUIRING CONTRACTOR TO FURNISH, INSTALL, WIRE, AND CONNECT ALL SPECIFIED EQUIPMENT AS WELL AS COMPONENTS, ACCESSORIES, AND MOUNTING HARDWARE TO INSURE THAT SPECIFIED EQUIPMENT FUNCTIONS TO MEET SYSTEM REQUIREMENTS.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT OTHER FACILITIES AND EQUIPMENT FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE FOR REPAIR OR REPLACEMENT OF FACILITIES, EQUIPMENT, OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE COMPLETION OF THIS WORK. ELECTRICAL CONTRACTOR SHALL GIVE ADEQUATE NOTIFICATION TO TENNESSEE ONE CALL, (800) 351-1111, PRIOR TO COMMENCEMENT OF ANY EXCAVATION.
10. THE CONTRACTOR SHALL PROVIDE FIRESTOPPING OF ALL RATED PENETRATIONS PER DETAIL. ELECTRICAL BOXES INSTALLED ON OPPOSITE SIDE OF A FIRE RATED WALL SHALL HAVE A TWO FOOT MINIMAL HORIZONTAL SEPARATION.

LIGHTING NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL LIGHT SWITCHES FOR ALL LIGHTING AT LOCATIONS AS SHOWN ON THE DRAWINGS.
2. CONFIRM EXACT LIGHT FIXTURE LOCATIONS WITH OWNER/ARCHITECT.
3. EXHAUST FANS SHALL BE FED FROM ROOM LIGHTING CIRCUITS.
4. LIGHT FIXTURES AND CEILING FANS SHALL BE SELECTED BY OWNER/ARCHITECT.
5. PRIOR TO ORDERING THE SPECIFIED LIGHT FIXTURES, THE CONTRACTOR SHALL VERIFY THE FIXTURE IS SUITABLE FOR THE CEILING TYPE. FOR EXAMPLE, A FIRE RATED FIXTURE SHALL BE INSTALLED IN A FIRE RATED ASSEMBLY. IF DISCREPENCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ATCHITECT AND ENGINEER PRIOR TO PROCEEDING.

COMMUNICATIONS NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL TELEPHONE CABLING FROM THE TELEPHONE TERMINAL LOCATION TO EACH DWELLING UNIT. TELEPHONE LOCATIONS IN EACH UNIT SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION. CONTRACTOR SHALL COORDINATE TELEPHONE SYSTEM REQUIREMENTS WITH LOCAL TELEPHONE PROVIDER.
2. CONTRACTOR SHALL FURNISH AND INSTALL TELEVISION CABLING FROM THE CABLE TELEVISION SERVICE ENTRANCE TO EACH DWELLING UNIT. CABLE TELEVISION OUTLET LOCATIONS IN EACH UNIT SHALL BE DETERMINED AT THE TIME OF BUILDOUT. CONTRACTOR SHALL FURNISH AND INSTALL CABLE TELEVISION CABLE, BOXES, TERMINATIONS, ETC. REQUIRED FOR A FULLY OPERATIONAL SYSTEM. COORDINATE SYSTEM REQUIREMENTS WITH LOCAL TELEVISION SUPPLIER.
3. ALL COMMUNICATIONS SERVICE CABLES/CONDUCTORS SHALL ENTER THE BUILDING UNDERGROUND IN CONDUITS AS SPECIFIED BY THE SERVICE PROVIDERS. COORDINATE SERVICE ENTRANCE LOCATIONS WITH GENERAL CONTRACTOR/DEVELOPER.
4. EMPTY DUCTS SHALL HAVE A PULL ROPE INSTALLED.

POWER NOTES

1. CONTRACTOR SHALL FURNISH AND INSTALL FUSED DISCONNECTS FOR ALL HVAC EQUIPMENT WITH FUSES AS PER MANUFACTURER RECOMMENDATIONS. AMPACITY, POLES, AND TYPE NEMA ENCLOSURE OF DISCONNECT SWITCHES AS REQUIRED. FURNISH AND INSTALL A WEATHERPROOF, GFCI DUPLEX RECEPTACLE OUTLET WITHIN 25 FEET OF EACH HVAC PIECE OF EQUIPMENT.
2. MOUNT ALL SWITCHES AND OTHER ELECTRICAL EQUIPMENT IN COMPLIANCE WITH APPLICABLE PROVISIONS OF THE ADA.
3. ALL KITCHEN, TOILET, UTILITY SINK, LAUNDRY, AND EXTERIOR HVAC SERVICE RECEPTACLES SHALL BE GFCI. ALL EXTERIOR RECEPTACLES SHALL HAVE APPROVED WEATHERPROOF IN-USE COVERS AS PER CURRENT APPLICABLE NEC, ARTICLE 406.8.
4. ELECTRICAL BOXES INSTALLED ON OPPOSITE SIDES OF A FIRE RATED WALL SHALL HAVE A TWO FOOT MINIMUM HORIZONTAL SEPARATION.
5. ARC-FAULT BREAKERS SHALL BE INSTALLED ON BREAKERS SERVING OUTLETS IN ALL LIVING SPACES PER NEC.
6. CONTRACTOR SHALL CONNECT ALL EQUIPMENT SHOWN ON THE DRAWINGS. CONTRACTOR SHALL PROVIDE ALL COMPONENTS NECESSARY (CONDUIT, CONDUCTORS, CABLE, BOXES, ETC.) TO CONNECT EQUIPMENT.
7. CONTRACTOR SHALL FURNISH AND INSTALL ALL EQUIPMENT NECESSARY (CONDUIT, CONDUCTORS, BOXES, ETC.) TO CONNECT ALL ALARMS. CONTRACTOR SHALL INTERCONNECT ALL ALARM TOGETHER INSIDE EACH UNIT.

LIGHTING FIXTURE SCHEDULE

SYM	CATALOG NUMBER		LAMPS			MOUNTING	DESCRIPTION
	COMPANY	MODEL NUMBER	NO	WATTS*	TYPE		
A	OSTWIN	0W-LDL08R-4D1030W	1	10	LED	SURFACE	4" ROUND DOWNLIGHT WITH JUNCTION BOX 3000K, 80 CRI, 750 LUMENS
A1	SIGNIFY	4RN P4RDL05835CLZ10U	1	9	LED	SURFACE	WET LOCATION LISTED 4" ROUND SHOWER DOWNLIGHT 500 LUMENS, 3500K, 80CRI
B		NOT USED					
C	PROMINENCE HOME	80036 FINISH: ESPRESSO BLADE FINISH: DARK CHESTNUT	2	6.5	LED	DOWNROD OR FLUSH	INTERIOR CEILING FAN 600 LUMENS, 3000K
D	SIGNIFY	LINCS100EL19930UNVWHGDIM	1	2.5	LED	SURFACE	UNDERCABINET LIGHTING 3000K, 391 LUMENS, 90 CRI
E	OSTWIN	OW-LFV23-24D2530-NK	1	25	LED	SURFACE	24" VANITY LIGHT 1750 LUMENS, 3000K, 80 CRI
E2	OSTWIN	OW-LFV23-36D3030NK	1	30	LED	SURFACE	36" VANITY LIGHT 2100 LUMENS, 3000K, 80 CRI
F	KICHLER	16251	2	20.5	LED	WALL,84"AFF	EXTERIOR SECURITY LIGHT WITH MOTION SENSOR 1900 LUMENS, 80 CRI, 5000K
G	CONTECH LIGHTING	R2RM140KCMVDS-CP TRIM:-CST2322L-???	1	10	LED	RECESSED	EXTERIOR DOWNLIGHT WITH BLACK TRIM 1100 LUMENS, 90 CRI, 4000K
H	OSTWIN	OW-OLWS-23W-14N2030-BZ	1	20	LED	WALL	DECORATIVE SCONCE 1250 LUMENS, 3000K, 80 CRI
HV	KICHLER	49233BSL	1	75	INCADESCENT	WALL	DECORATIVE VICTORIAN STYLE SCONCE
HC	KICHLER	49384OZ	1	75	INCADESCENT	WALL	DECORATIVE COLONIAL STYLE SCONCE
HR	KICHLER	49909RZ	1	100	INCADESCENT	WALL	DECORATIVE CRAFTSMAN STYLE SCONCE
H4	KICHLER	49331RZ	1	100	INCADESCENT	WALL	DECORATIVE 4 SQUARE STYLE SCONCE
HT	KICHLER	49936OZ	1	100	INCADESCENT	WALL	DECORATIVE TUDOR STYLE SCONCE
K	WILLIAMS	75R-3-L40/835-OPTIONS-DRV-UNV	1	26.9	LED	WALL,84"AFF	3' UTILITY STRIP LIGHT 4000 LUMENS,80 CRI, 3500K
L	LEVITON	000-09850-LED	1	10	LED	SURFACE	LENSED ATTIC LIGHT 900 LUMENS, 3000K,

1. THE FINISH OF ALL FIXTURES (NOTED BY ? IN THE MODEL NUMBER) SHALL BE VERIFIED WITH AND APPROVED BY THE ARCHITECT.
2. REFER TO THE ARCHITECT'S REFLECTED CEILING PLAN FOR THE EXACT LOCATION OF FIXTURES.
3. ALL FIXTURES SHALL BE FURNISHED COMPLETE WITH LAMPS AND BALLASTS. UNLESS NOTED OTHERWISE, FLUORESCENT LAMPS SHALL BE 3500K, WITH A MINIMUM CRI OF 82. FLUORESCENT BALLASTS SHALL BE GENERIC ELECTRONIC WITH A MAXIMUM THD OF 10%. THD OF 10%.
4. ALL FIXTURES IN KITCHEN OR FOOD PREP AREAS SHALL BE LENSED OR HAVE SHATTER PROOF LAMPS.
5. PROVIDE TENMAT FIRE RATED COVERS FOR ALL RECESSED FIXTURES IN FIRE RATED CEILINGS.
6. INSTALL FIXTURE F ON GARBAGE COLLECTION SIDE OF BUILDINGS.
7. REFER TO ARCHITECTURAL FOR MOUNTING HEIGHTS FOR FIXTURES HV, HC, HR, H4, HT.
8. WIRE FIXTURE F TO LOCAL PANEL BREAKER 13.

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/2/2020 3:13:14 PM

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

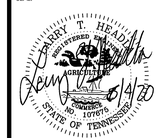
415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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KEY PLAN:

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DRAWING INFORMATION

SCALE:	1/8" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PB / MCR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:

ELECTRICAL LEGEND AND SCHEDULE

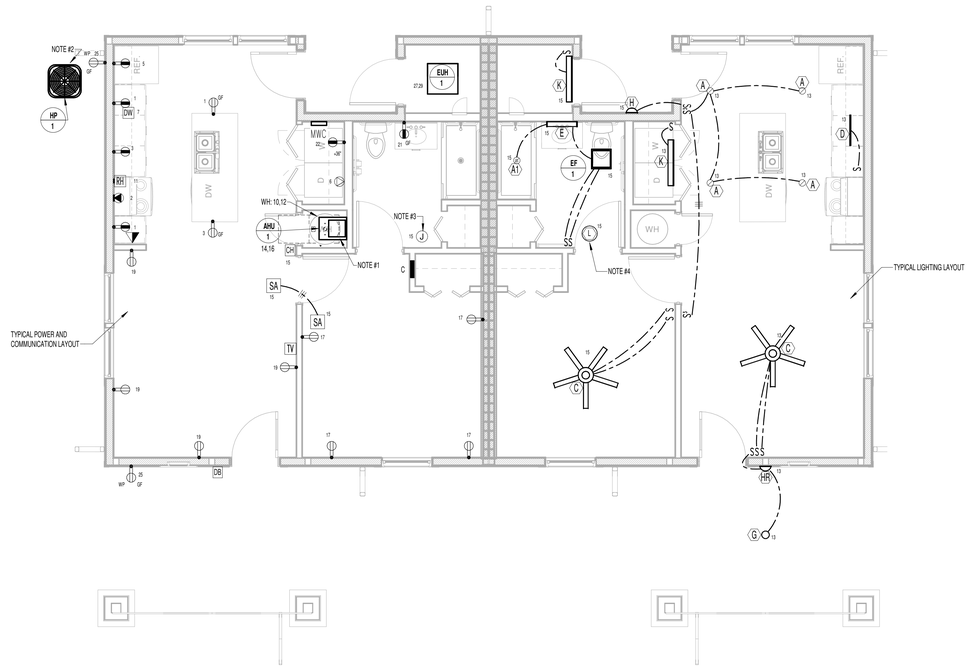
DRAWING NO:

E001

BINDING EDGE

BINDING EDGE

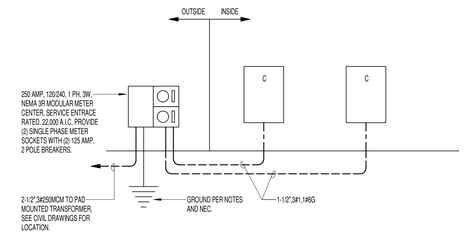
BINDING EDGE



1 1.2C 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 20 AMP. EXTEND 12/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN. LOCATED IN ATTIC, FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC;SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

ELECTRICAL RISER DIAGRAM NOTES
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL C - DUPLEX
N.T.S.

PANEL:	C			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER WH1	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT ,AHU-1	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,052.0	-	-	1,152.0	OUTDOOR UNIT ,HP-1	2	20	18
19	20AF	1	LIVING RECEPTACLES	900.0	-	-	2,052.0	1,152.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AF	24
25	20AF	1	EXTERIOR RECEPT	360.0	360.0	-	-	0.0	SPARE	1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE	1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	17,474.0	-	17,254.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			34,728.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	528.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	2,304.0	WATTS
HVAC TOTAL =	7,632.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,319.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,219.0	WATTS
OTHER TOTAL DEMAND =	16,887.6	WATTS
TOTAL DEMAND =	24,519.6	WATTS
DEMAND AMPS =	102	AMPS

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INTERNET: mhminc.com

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CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

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- ☐ CONSTRUCTION ADMINISTRATION

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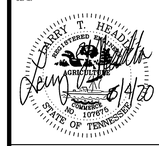

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DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:
1.2.C - 1 BED DUPLEX ELECTTRICAL PLAN - CRAFTSMAN

DRAWING NO:
E110

TIME / DATE: 6/2/2020 3:13:15 PM

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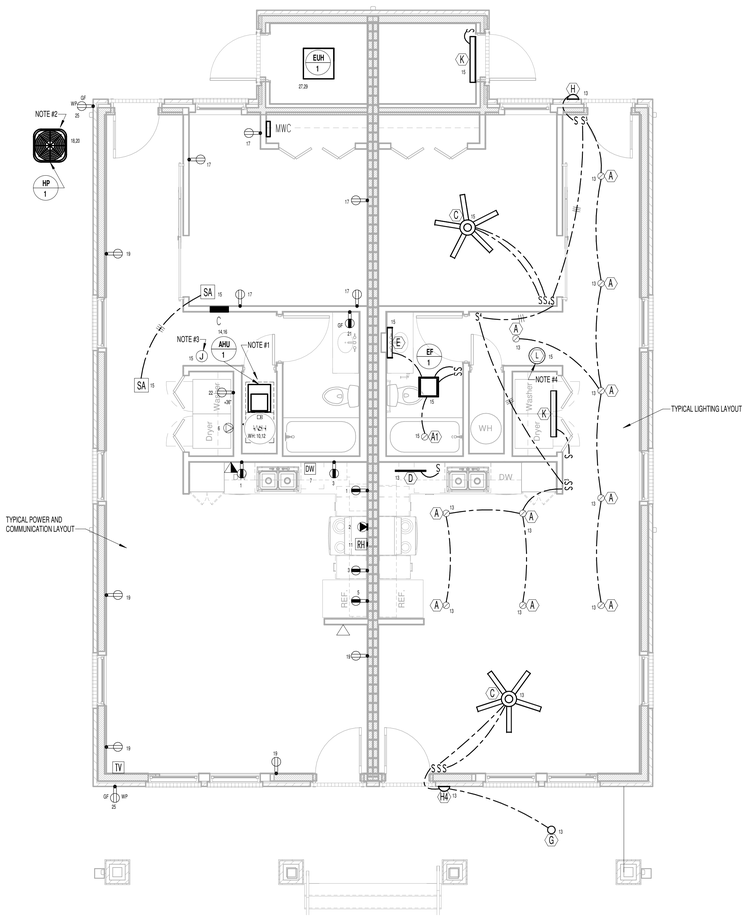

1 1.2F 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

ELECTRICAL RISER DIAGRAM NOTES:
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
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6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
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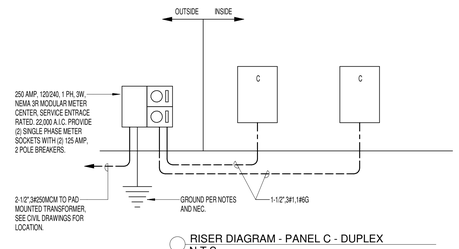

RISER DIAGRAM - PANEL C - DUPLEX
N.T.S.

PANEL:	C			VOLTAGE:	120/240	PHASE:	1		WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO				ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000		MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-1	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT , AHU-1	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,052.0	-	-	1,152.0	OUTDOOR UNIT , HP-1	2	20	18
19	20AF	1	LIVING RECEPTACLES	900.0	-	-	2,052.0	1,152.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AF	24
25	20AF	1	EXTERIOR RECEPT	360.0	360.0	-	-	0.0	SPARE	1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE	1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	17,474.0	-	17,254.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			34,728.0	VA				

HVAC LOAD		
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OUTDOOR UNIT =	2,304.0	WATTS
HVAC TOTAL =	7,632.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,319.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,219.0	WATTS
OTHER TOTAL DEMAND =	16,887.6	WATTS
TOTAL DEMAND =	24,519.6	WATTS
DEMAND AMPS =	102	AMPS

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 20 AMP. EXTEND 12/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

TIME / DATE: 6/2/2020 3:13:16 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
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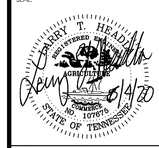

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SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:

1.2.F - 1 BED DUPLEX ELECTRICAL PLAN - 4 SQUARE

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

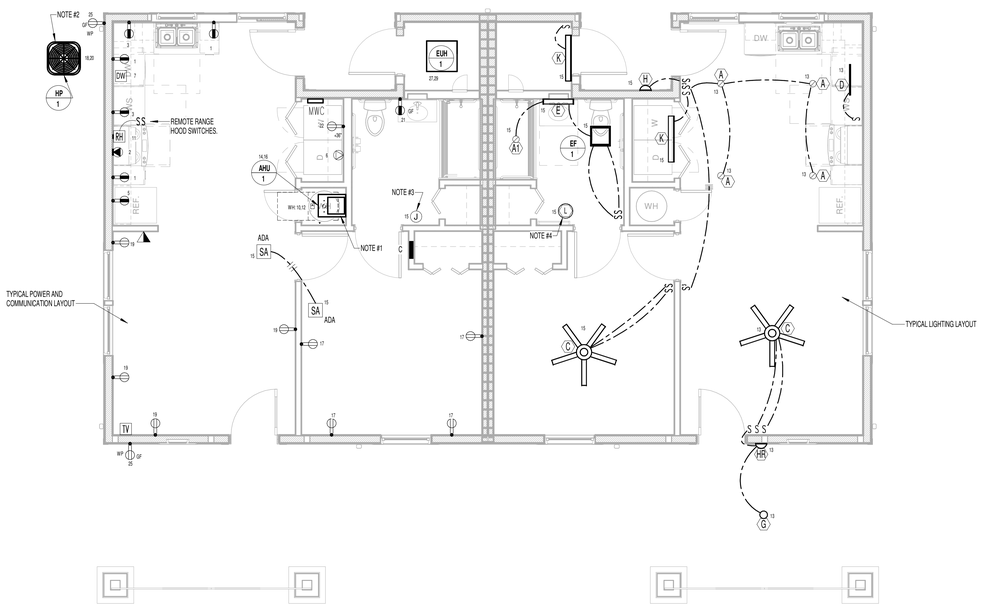
DRAWING NO:

E111

BINDING EDGE

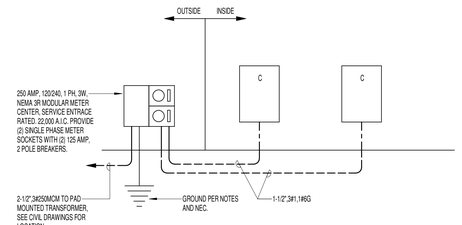
BINDING EDGE

BINDING EDGE



1 1.2C(u) 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

ELECTRICAL RISER DIAGRAM NOTES
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS 5/8" BY 10' COPPER AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL C - DUPLEX
N.T.S.

PANEL:	C			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-1	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT ,AHU-1	2	30	14
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21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AF	24
25	20AF	1	EXTERIOR RECEPT	360.0	360.0	-	-	0.0	SPARE	1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE	1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	17,474.0	-	17,254.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			34,728.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	528.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	2,304.0	WATTS
HVAC TOTAL =	7,632.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,319.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,219.0	WATTS
OTHER TOTAL DEMAND =	16,887.6	WATTS
TOTAL DEMAND =	24,519.6	WATTS
DEMAND AMPS =	102	AMPS

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10:2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 20 AMP. EXTEND 12:2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

TIME / DATE: 6/2/2020 3:13:17 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

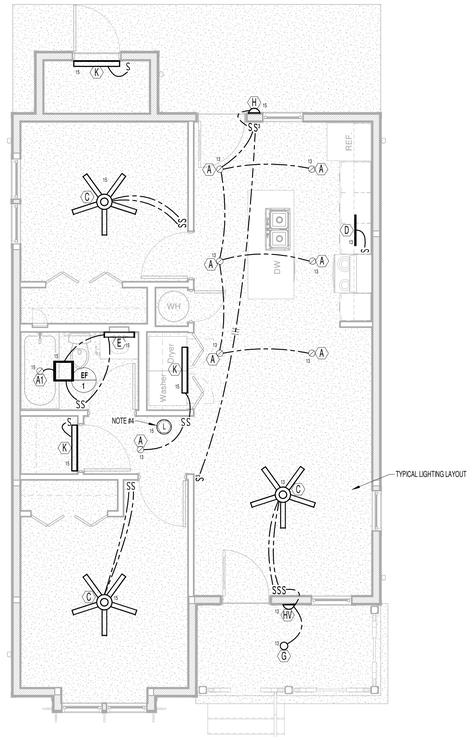
DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	
DRAWING NO:	

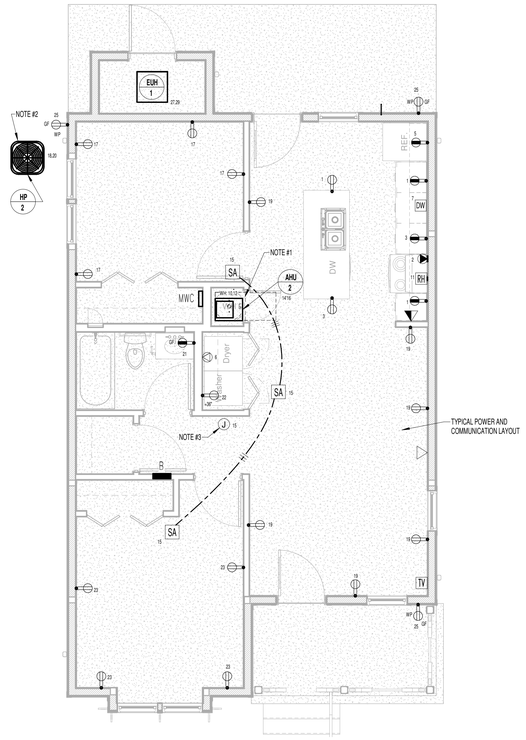
1.2.C(u) - 1 BED DUPLEX ELECTRICAL PLAN - CRAFTSMAN (UFAS)

DRAWING NO:
E115

BINDING EDGE



1 2.1V 1ST FLOOR LIGHTING PLAN
1/4" = 1'-0"

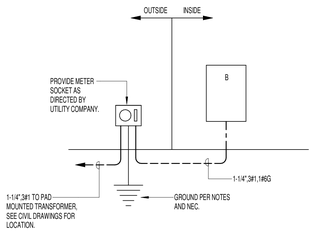


2 2.1V 1ST FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

PANEL:	B			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO-MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER, WH-1	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT , AHU-2	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	720.0	2,640.0	-	-	1,920.0	OUTDOOR UNIT , HP-2	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,000.0	1,920.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	720.0	-	-	720.0	0.0	SPARE	1	20AF	24
25	20	1	EXTERIOR RECEPT	540.0	540.0	-	-	0.0	SPARE	1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE	1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	18,242.0	-	18,922.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			37,164.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	3,840.0	WATTS
HVAC TOTAL =	9,312.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,640.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,540.0	WATTS
OTHER TOTAL DEMAND =	17,016.0	WATTS
TOTAL DEMAND =	26,328.0	WATTS
DEMAND AMPS =	110	AMPS

ELECTRICAL RISER DIAGRAM NOTES:
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(3).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL B TYPICAL
N.T.S.

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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CONTACT:
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FACSIMILE: (865) 544-0402
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PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:

2.1.V - 2 BED SINGLE ELECTRICAL PLAN - VICTORIAN

DRAWING NO:

E120

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1984

BINDING EDGE

BINDING EDGE

BINDING EDGE

TIME / DATE: 6/2/2020 3:13:19 PM

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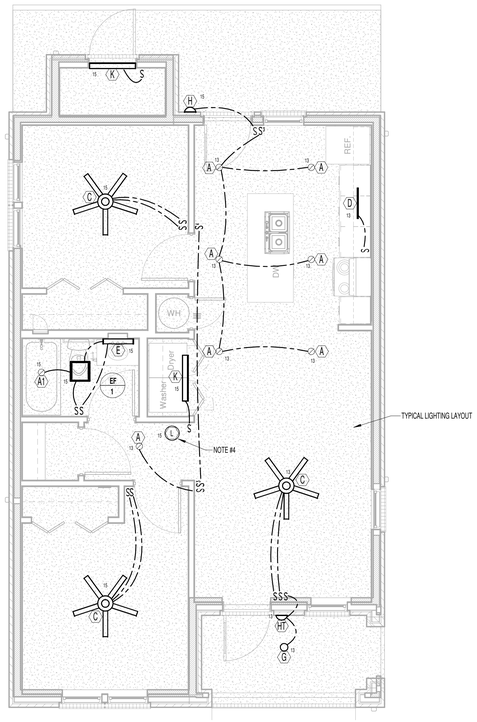
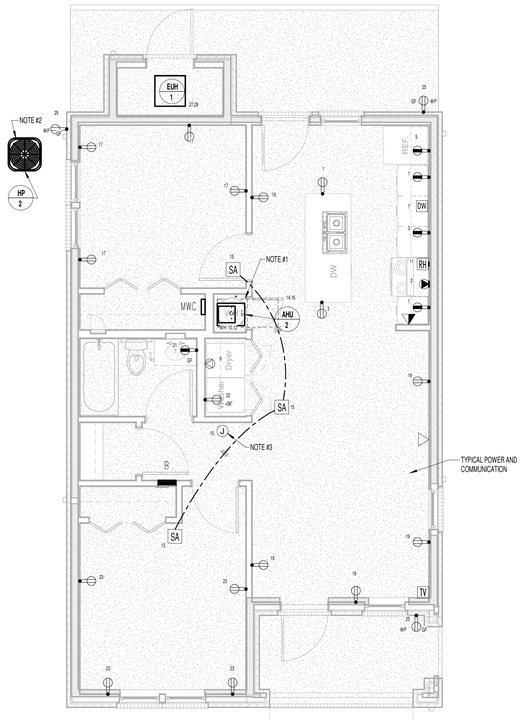


1 2.1T 1ST FLOOR LIGHTING PLAN
1/4" = 1'-0"



2 2.1T 1ST FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

PANEL:		B		VOLTAGE:		120/240	PHASE:	1	WIRE:		3	BUS:	CU
BUS RATING:		125 AMP		MAIN:		NO-MLO			ENCLOSURE:		NEMA 1		
LUGS/PHASE:		#1		ENTRY:		BOTTOM	AIC:	10,000	MOUNTING:		RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION		POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE		2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0			|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER		2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0			|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-1		2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0			|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT , AHU-2		2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0			|	|	16
17	20AF	1	BED RECEPTACLES	720.0	2,640.0	-	-	1,920.0	OUTDOOR UNIT , HP-2		2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,000.0	1,920.0			|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE		1	20AG	22
23	20AF	1	BED RECEPTACLES	720.0	-	-	720.0	0.0	SPARE		1	20AF	24
25	20	1	EXTERIOR RECEPT	540.0	540.0	-	-	0.0	SPARE		1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE		1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE		1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	18,242.0	-	18,922.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.				
				TOTAL CONNECTED			37,164.0	VA					

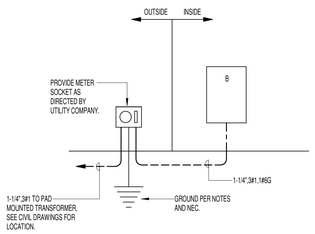
HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	3,840.0	WATTS
HVAC TOTAL =	9,312.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,640.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,540.0	WATTS
OTHER TOTAL DEMAND =	17,016.0	WATTS
TOTAL DEMAND =	26,328.0	WATTS
DEMAND AMPS =	110	AMPS

ELECTRICAL RISER DIAGRAM NOTES

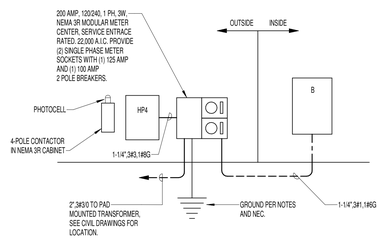
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (5/8" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.

REFERENCE NOTES:

1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.



RISER DIAGRAM - PANEL B TYPICAL
N.T.S.



RISER DIAGRAM - PANEL B AND HP4
N.T.S.

TIME / DATE: 6/2/2020 3:13:21 PM

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS
& INTERIOR
DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
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TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE

- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	N.T.S.
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PB / MCR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:

2.1.T - 2 BED SIGLE ELECTRICAL PLAN - TUDOR

DRAWING NO:

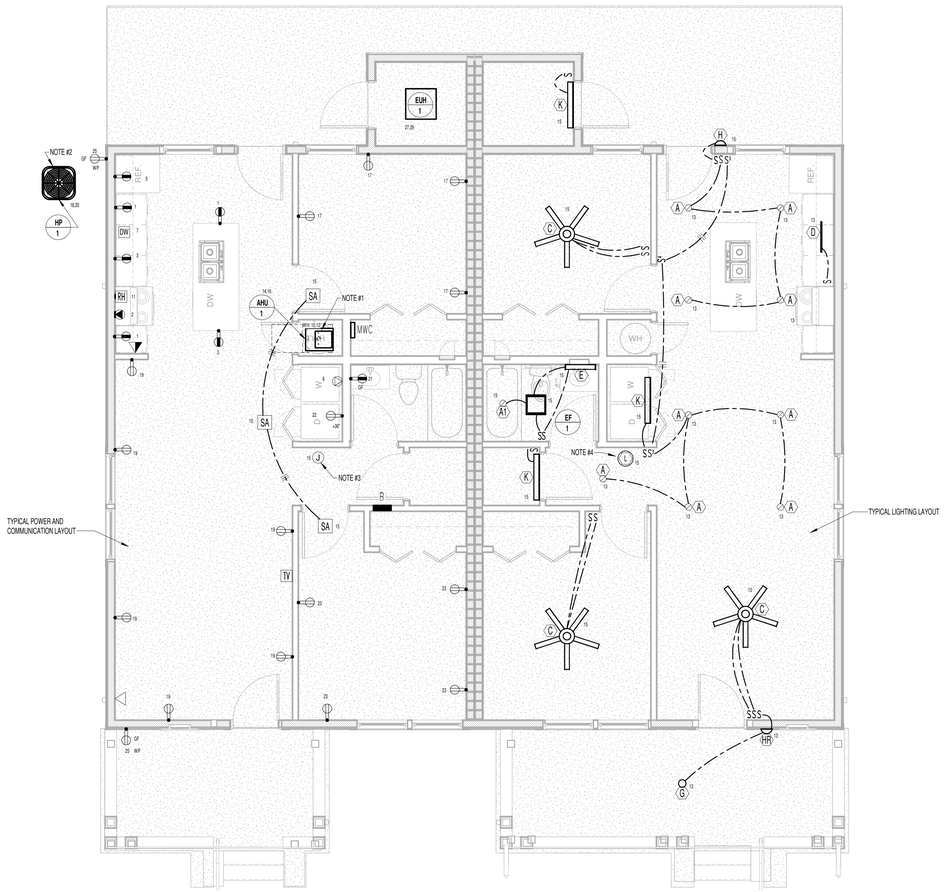
E121

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

BINDING EDGE

BINDING EDGE

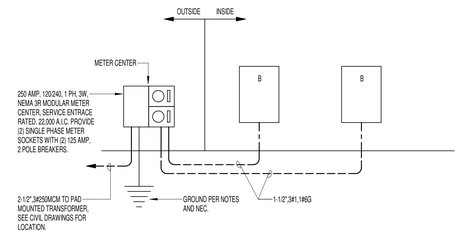
BINDING EDGE



1 2.2C 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 20 AMP. EXTEND 12/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

ELECTRICAL RISER DIAGRAM NOTES
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL B - DUPLEX
N.T.S.

PANEL:	B			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO-MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-1	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT , AHU-1	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	720.0	2,640.0	-	-	1,920.0	OUTDOOR UNIT , HP-1	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,000.0	1,920.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	720.0	-	-	720.0	0.0	SPARE	1	20AF	24
25	20	1	EXTERIOR RECEPT	540.0	540.0	-	-	0.0	SPARE	1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE	1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	18,242.0	-	18,922.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			37,164.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	3,840.0	WATTS
HVAC TOTAL =	9,312.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,640.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,540.0	WATTS
OTHER TOTAL DEMAND =	17,016.0	WATTS
TOTAL DEMAND =	26,328.0	WATTS
DEMAND AMPS =	110	AMPS

FACILITY SYSTEMS CONSULTANTS, LLC
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Knoxville, Tennessee 37902
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TIME / DATE: 6/2/2020 3:13:22 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

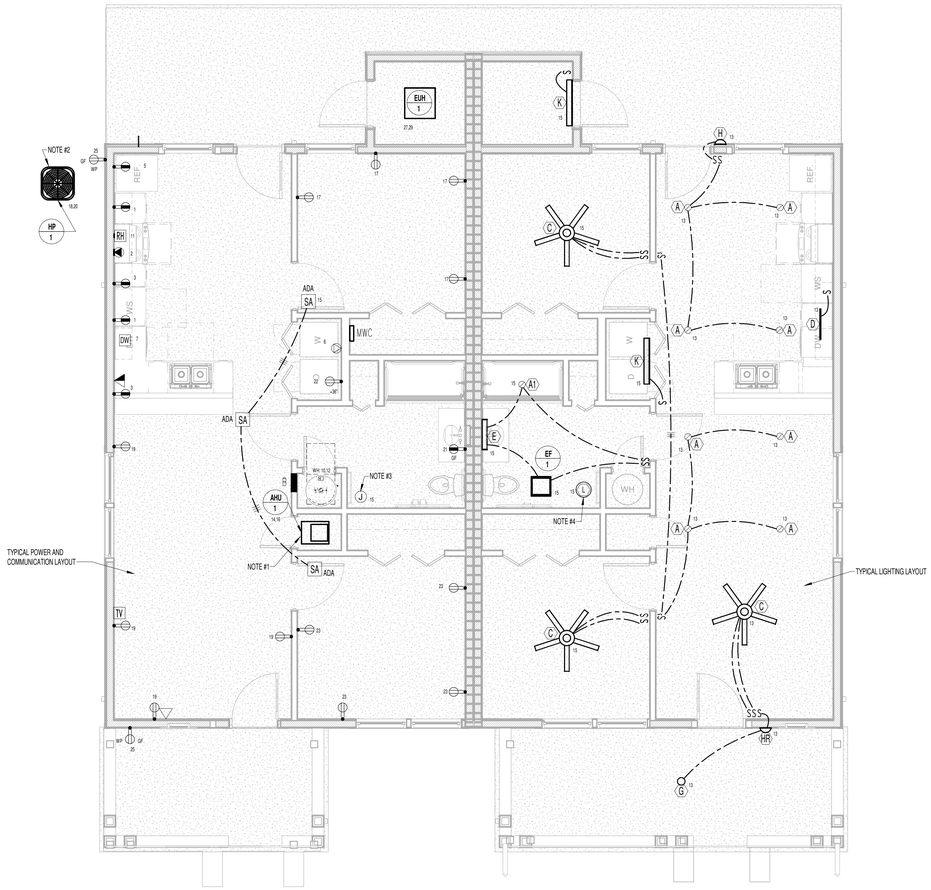
DRAWING TITLE:
2.2.C - 2 BED DUPLEX ELECTRICAL PLAN - CRAFTSMAN

DRAWING NO:
E130

BINDING EDGE

BINDING EDGE

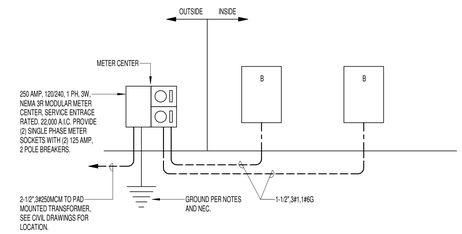
BINDING EDGE



1 2.2C(u) 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 20 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

ELECTRICAL RISER DIAGRAM NOTES
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL B - DUPLEX
N.T.S.

PANEL:	B			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO-MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER. WH-1	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	200.0	2,792.0	-	-	2,592.0	INDOOR UNIT. AHU-1	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	720.0	2,640.0	-	-	1,920.0	OUTDOOR UNIT. HP-1	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,000.0	1,920.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	720.0	-	-	720.0	0.0	SPARE	1	20AF	24
25	20	1	EXTERIOR RECEPT	540.0	540.0	-	-	0.0	SPARE	1	20AF	26
27	20	2	CEILING HEATER	800.0	-	-	800.0	0.0	SPARE	1	20AG	28
29	|	|		800.0	800.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	18,242.0	-	18,922.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			37,164.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	3,840.0	WATTS
HVAC TOTAL =	9,312.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	2,640.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	27,540.0	WATTS
OTHER TOTAL DEMAND =	17,016.0	WATTS
TOTAL DEMAND =	26,328.0	WATTS
DEMAND AMPS =	110	AMPS

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McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

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INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

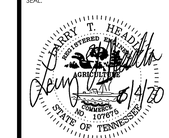
OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

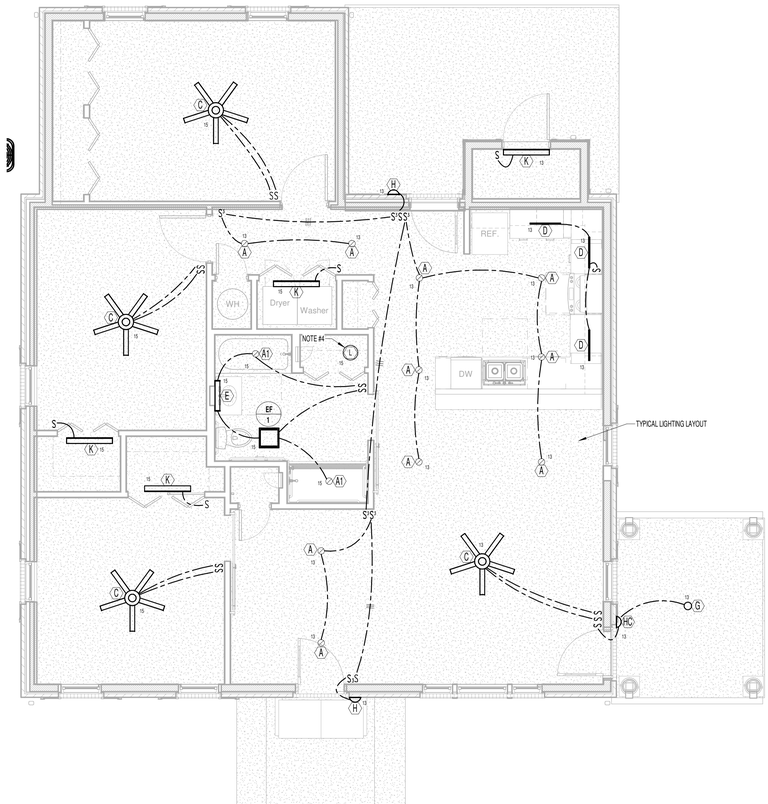
DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

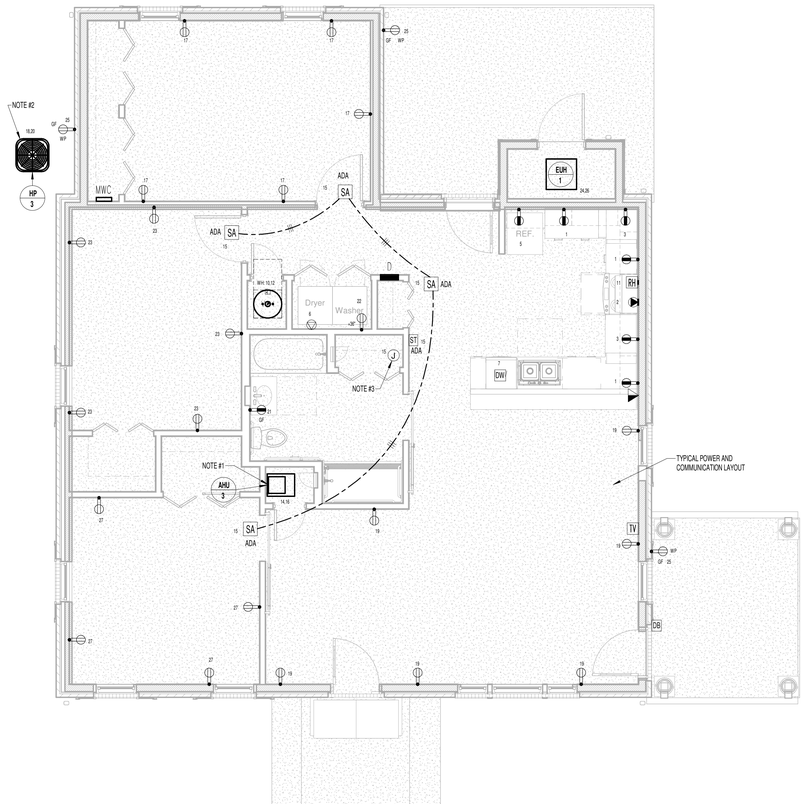
DRAWING TITLE:
2.2.C(u) - 2 BED DUPLEX ELECTRICAL PLAN - CRAFTSMAN (UFAS)

DRAWING NO:
E135

TIME / DATE: 6/2/2020 3:18:24 PM



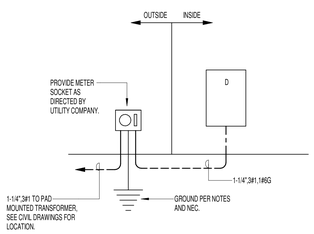
1 3.1Co(u) 1ST FLOOR LIGHTING PLAN
1/4" = 1'-0"



2 3.1Co(u) 1ST FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 50 AMP. EXTEND 8/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

ELECTRICAL RISER DIAGRAM NOTES:
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL D
N.T.S.

PANEL:	D			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER, WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	350.0	2,942.0	-	-	2,592.0	INDOOR UNIT, AHU-3	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,820.0	-	-	1,920.0	OUTDOOR UNIT, HP-3	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,000.0	1,920.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	900.0	-	-	1,700.0	800.0	CEILING HEATER	2	20AF	24
25	20AF	1	EXTERIOR RECEPT	540.0	1,340.0	-	-	800.0		|	|	26
27	20AF	1	BED RECEPTACLES	720.0	-	-	720.0	0.0	SPARE	1	20AG	28
29	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20AG	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	18,572.0	-	19,822.0	VA	PROVIDE 4" BY 1/4" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			38,394.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	3,840.0	WATTS
HVAC TOTAL =	9,312.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	4,200.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	29,100.0	WATTS
OTHER TOTAL DEMAND =	17,640.0	WATTS
TOTAL DEMAND =	26,952.0	WATTS
DEMAND AMPS =	112	AMPS

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

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PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
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- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

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KEY PLAN:

REVISION INFORMATION

No.	Date	Description

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SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PB / MCR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	
DRAWING SHEET:	**3.1.CO(u) - 3 BED SINGLE ELECTRICAL PLAN - COLONIAL (UFAS)**
DRAWING NO:	**E145**

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
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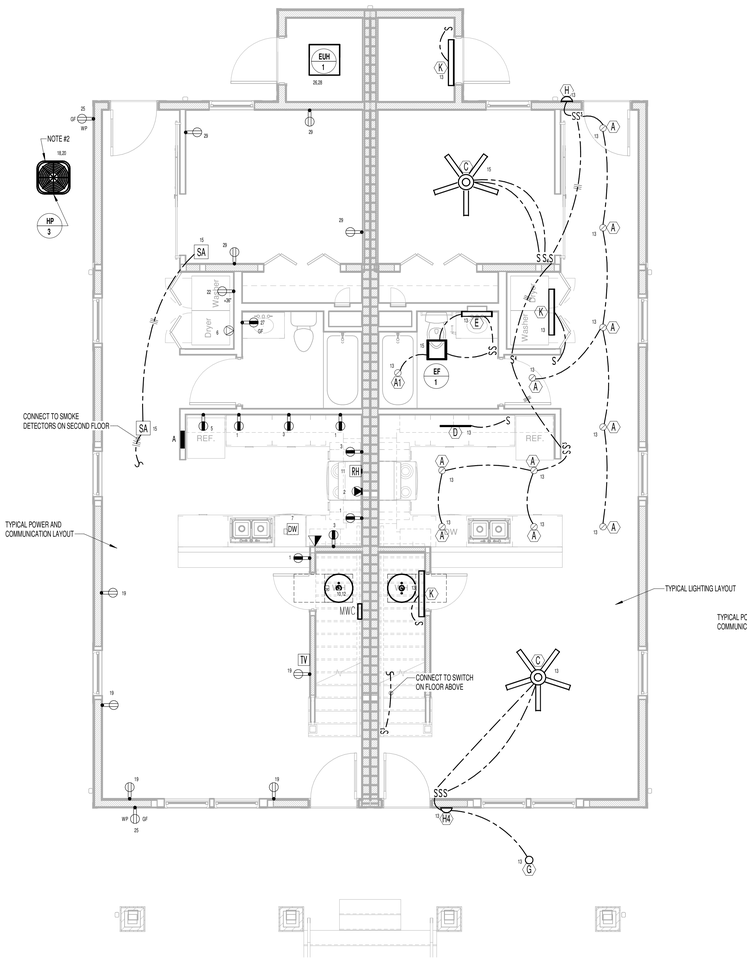
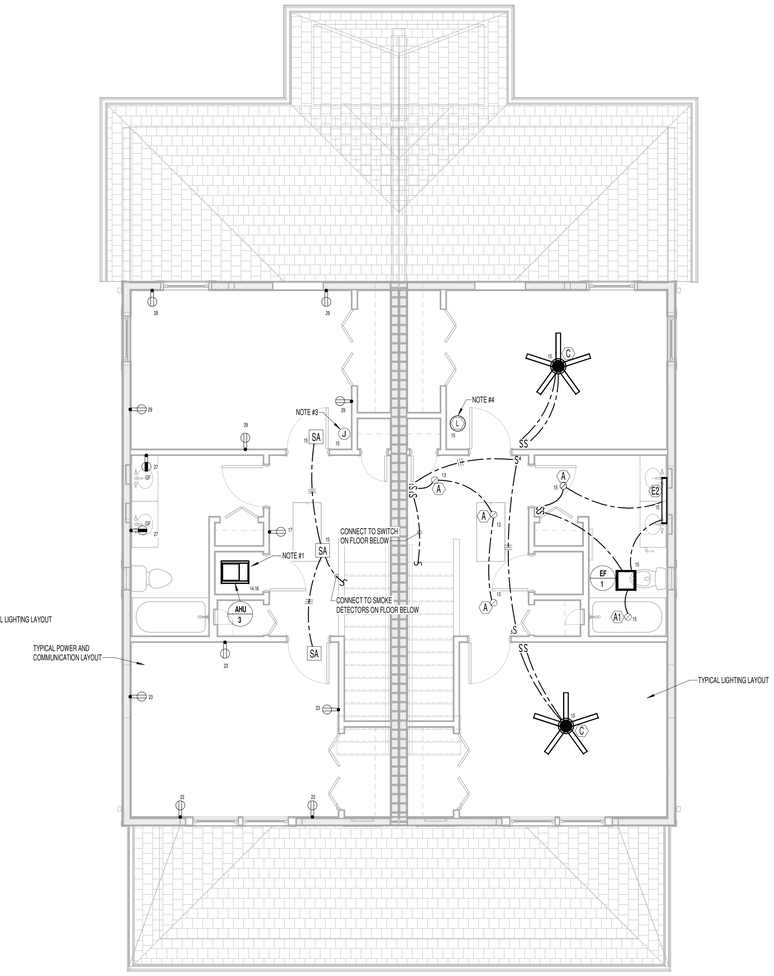


1 3.2Fa 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"



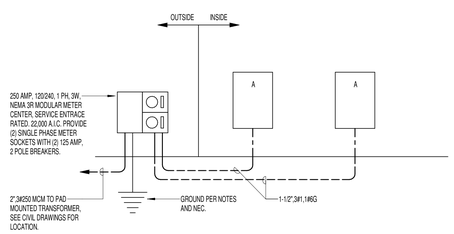
2 3.2Fa SECOND FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

PANEL:	A			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	720.0	4,720.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	540.0	-	-	4,540.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	250.0	4,186.0	-	-	3,936.0	INDOOR UNIT , AHU-3	2	50	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	4,236.0	3,936.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,628.0	-	-	1,728.0	OUTDOOR UNIT , HP-3	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	2,808.0	1,728.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	900.0	-	-	900.0	0.0	SPARE	1	20AG	24
25	20	1	EXTERIOR RECEPT	360.0	1,160.0	-	-	800.0	CEILING HEATER	2	20	26
27	20	1	BATH RECEPTACLES	360.0	-	-	1,160.0	800.0		|	|	28
29	20AF	1	BED RECEPTACLES	900.0	900.0	-	-	0.0	SPARE	1	20	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	20,524.0	-	20,794.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			41,318.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	7,200.0	WATTS
OUTDOOR UNIT =	3,475.2	WATTS
HVAC TOTAL =	11,347.2	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	4,200.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	29,100.0	WATTS
OTHER TOTAL DEMAND =	17,640.0	WATTS
TOTAL DEMAND =	28,987.2	WATTS
DEMAND AMPS =	121	AMPS

ELECTRICAL RISER DIAGRAM NOTES:
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECITONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 50 AMP. EXTEND 8/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.



RISER DIAGRAM - PANEL A - DUPLEX
N.T.S.

TIME / DATE: 6/2/2020 3:13:28 PM

BINDING EDGE

BINDING EDGE

BINDING EDGE

McCARTY
HOLSAPLE
McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
EMAIL:
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

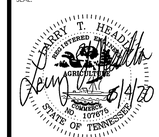
OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



© McCarty Holsaple McCarty, Inc.
Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:

3.2.Fa - 3 BED DUPLEX ELECTRICAL PLAN - 4 SQUARE

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

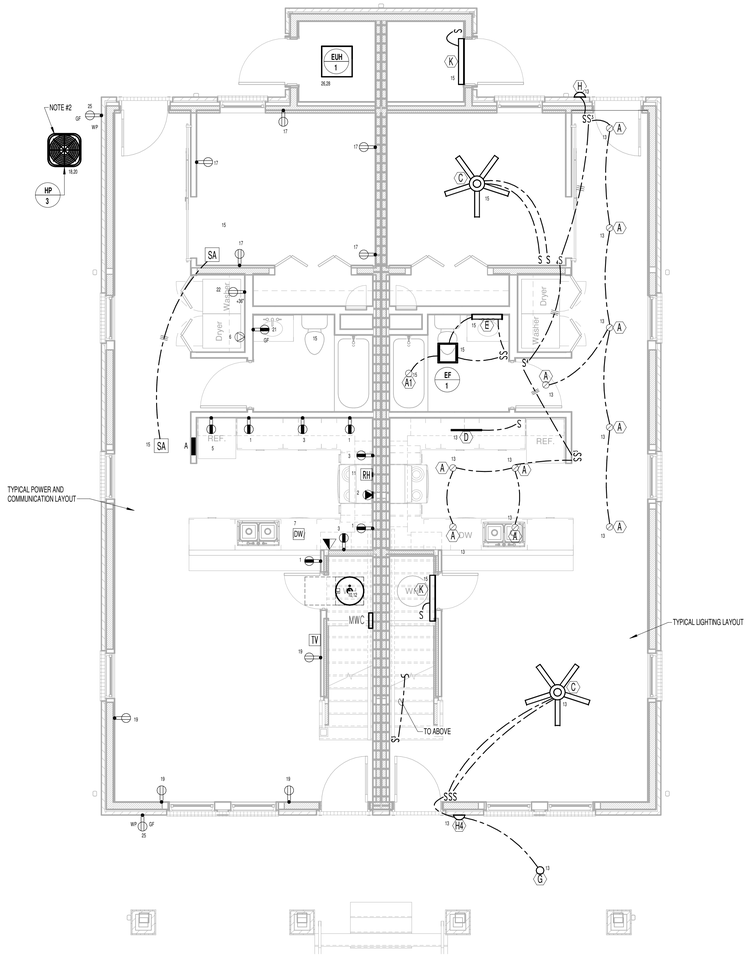
DRAWING NO:

E150

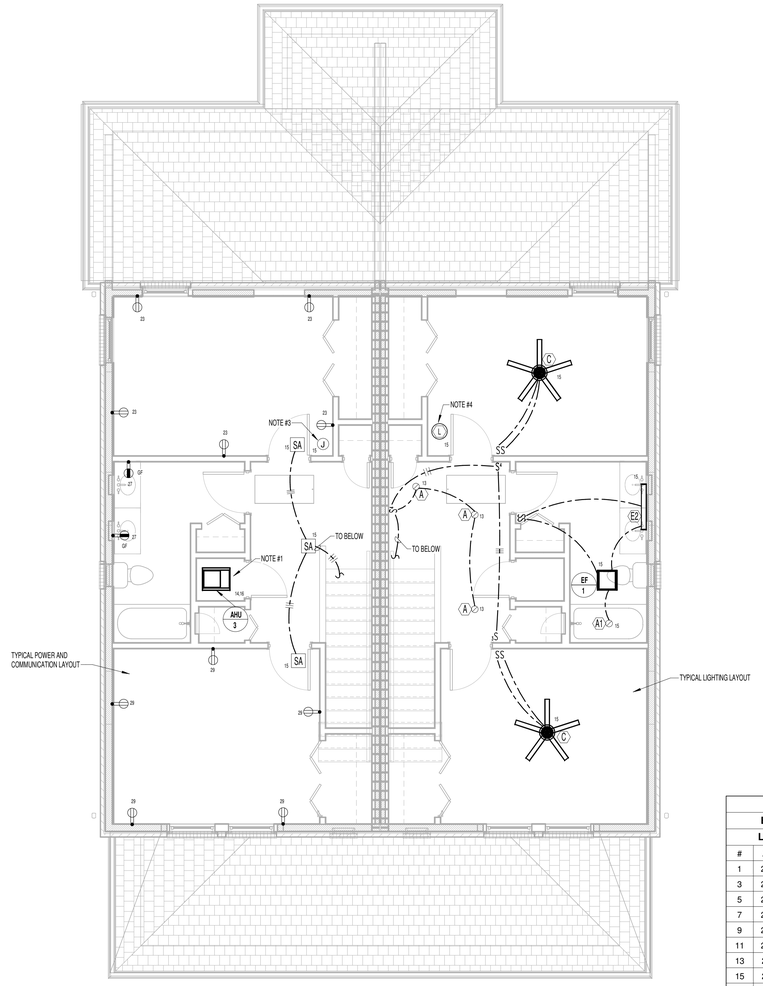
BINDING EDGE

BINDING EDGE

BINDING EDGE



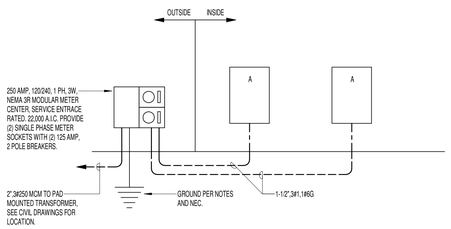
1 3.2Fb 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"



2 3.2Fb SECOND FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 50 AMP. EXTEND 8/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

ELECTRICAL RISER DIAGRAM NOTES
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL A - DUPLEX
N.T.S.

PANEL:	A			VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	720.0	4,720.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	540.0	-	-	4,540.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	250.0	4,186.0	-	-	3,936.0	INDOOR UNIT , AHU-3	2	50	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	4,236.0	3,936.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,628.0	-	-	1,728.0	OUTDOOR UNIT , HP-3	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	2,808.0	1,728.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	900.0	-	-	900.0	0.0	SPARE	1	20AG	24
25	20	1	EXTERIOR RECEPT	360.0	1,160.0	-	-	800.0	CEILING HEATER	2	20	26
27	20	1	BATH RECEPTACLES	360.0	-	-	1,160.0	800.0		|	|	28
29	20AF	1	BED RECEPTACLES	900.0	900.0	-	-	0.0	SPARE	1	20	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	20,524.0	-	20,794.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			41,318.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	7,200.0	WATTS
OUTDOOR UNIT =	3,475.2	WATTS
HVAC TOTAL =	11,347.2	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	4,200.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	29,100.0	WATTS
OTHER TOTAL DEMAND =	17,640.0	WATTS
TOTAL DEMAND =	28,987.2	WATTS
DEMAND AMPS =	121	AMPS

FACILITY SYSTEMS CONSULTANTS, LLC
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Phone: (865) 246-0164
Fax: (865) 246-1064

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
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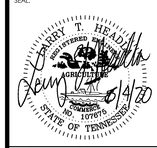
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

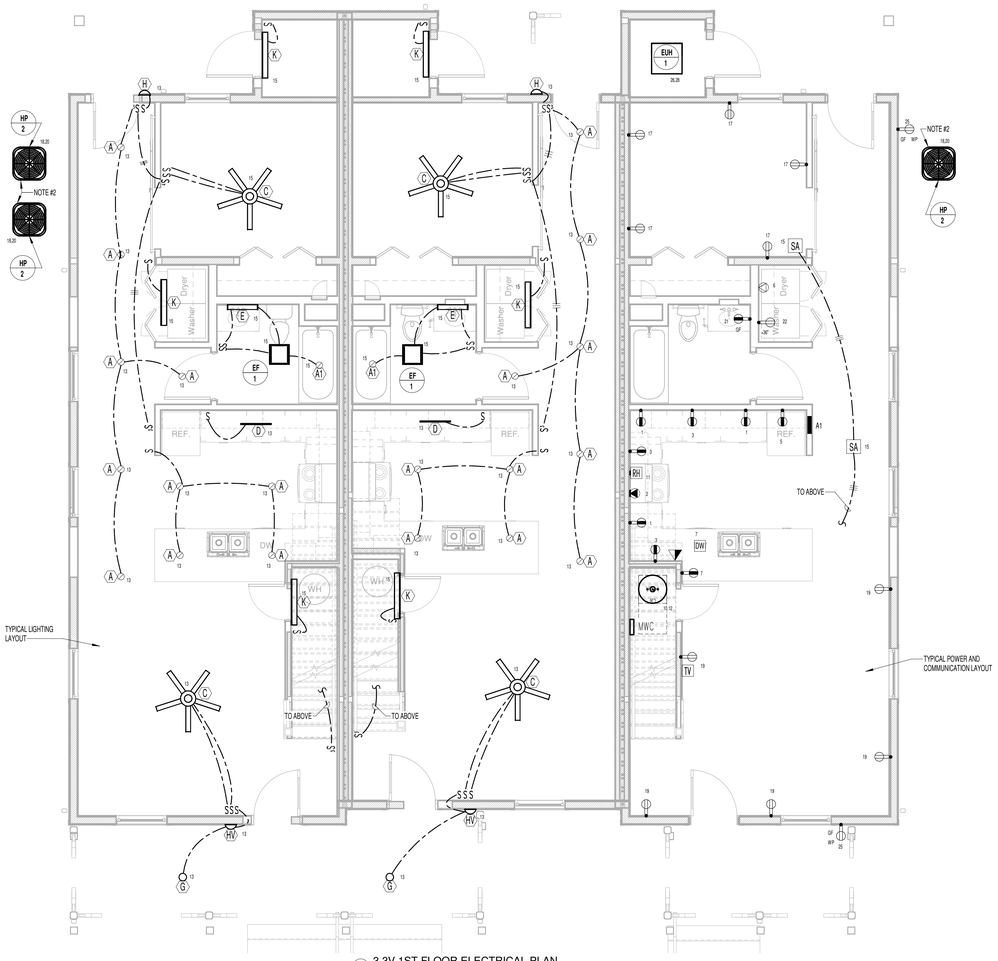
SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:
3.2.Fb - 3 BED DUPLEX ELECTRICAL PLAN - 4 SQUARE (BRICK)

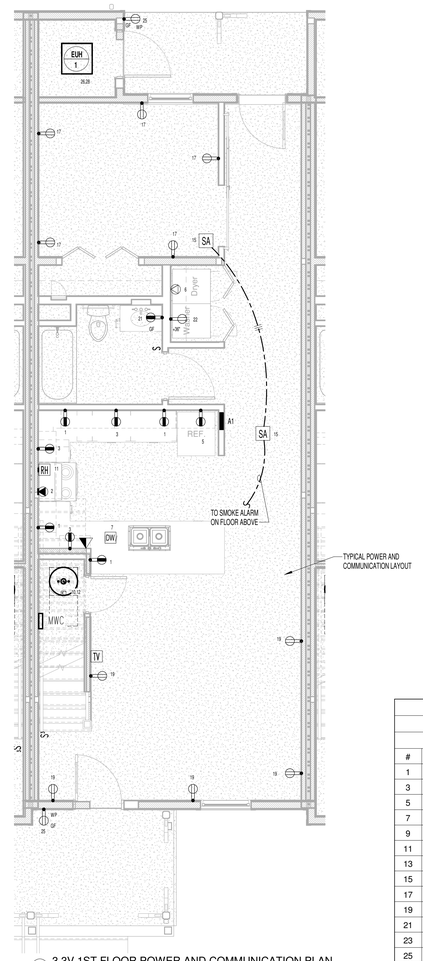
DRAWING NO:
E151

TIME / DATE: 6/2/2020 3:13:29 PM

BINDING EDGE

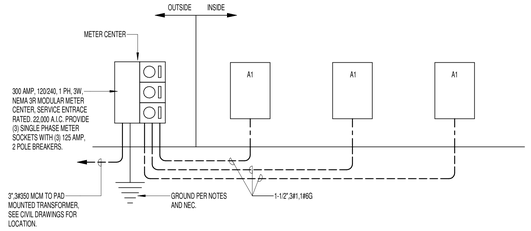


1 3.3V 1ST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"



2 3.3V 1ST FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

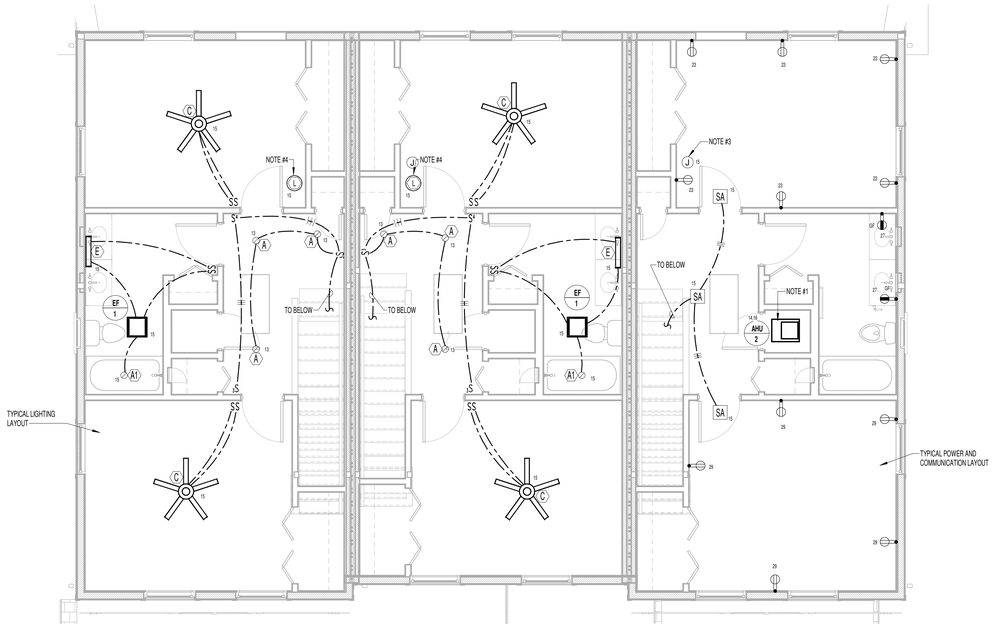
ELECTRICAL RISER DIAGRAM NOTES:
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



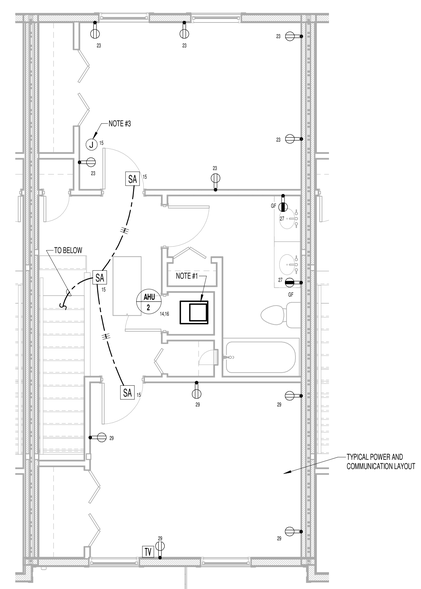
RISER DIAGRAM - PANEL A1 - TRIPLEX
N.T.S.

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

PANEL:	A1			VOLTAGE:	120/240		PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO - MLO				ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM		AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	720.0	4,720.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	540.0	-	-	4,540.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER , WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	300.0	2,892.0	-	-	2,592.0	INDOOR UNIT , AHU-2	2	30	14
15	20AF	1	BED LTS/SM DET/EF	300.0	-	-	2,892.0	2,592.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,820.0	-	-	1,920.0	OUTDOOR UNIT , HP-2	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,000.0	1,920.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	1,080.0	-	-	1,080.0	0.0	SPARE	1	20AG	24
25	20	1	EXTERIOR RECEPT	360.0	1,160.0	-	-	800.0	CEILING HEATER	2	20	26
27	20	1	BATH RECEPTACLES	360.0	-	-	1,160.0	800.0		|	|	28
29	20AF	1	BED RECEPTACLES	900.0	900.0	-	-	0.0	SPARE	1	20	30
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	19,422.0	-	19,822.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			39,244.0	VA				



3 3.3V 2ND FLOOR ELECTRICAL PLAN
1/4" = 1'-0"



4 3.3V 2ND FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	4,800.0	WATTS
OUTDOOR UNIT =	3,840.0	WATTS
HVAC TOTAL =	9,312.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	4,200.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	29,100.0	WATTS
OTHER TOTAL DEMAND =	17,640.0	WATTS
TOTAL DEMAND =	26,952.0	WATTS
DEMAND AMPS =	112	AMPS

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
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FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
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- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:

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CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PB / MCR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:
3.3.V - 3 BED TRIPLEX ELECTRICAL PLAN - VICTORIAN

DRAWING NO:
E160

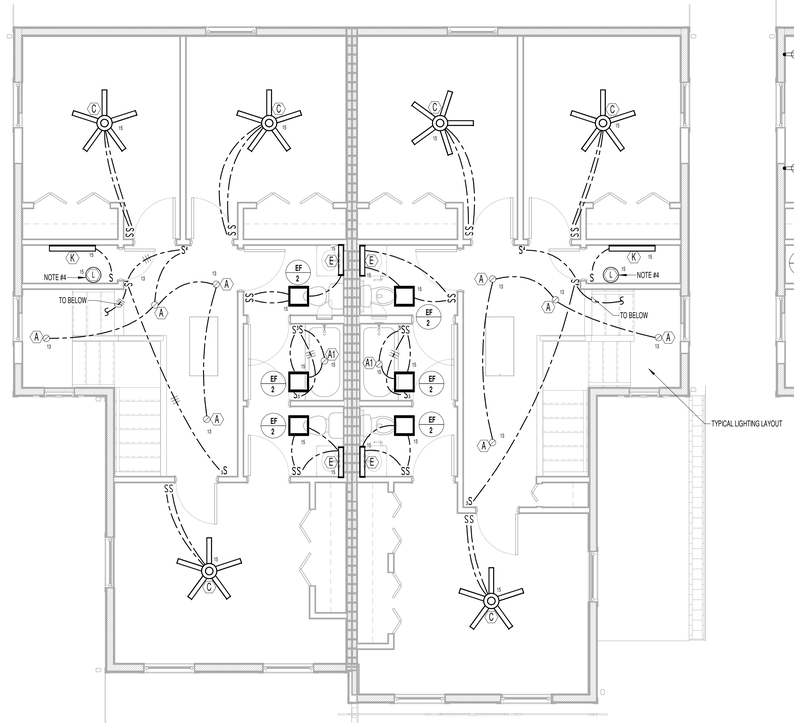
FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

TIME / DATE: 6/2/2020 3:13:33 PM

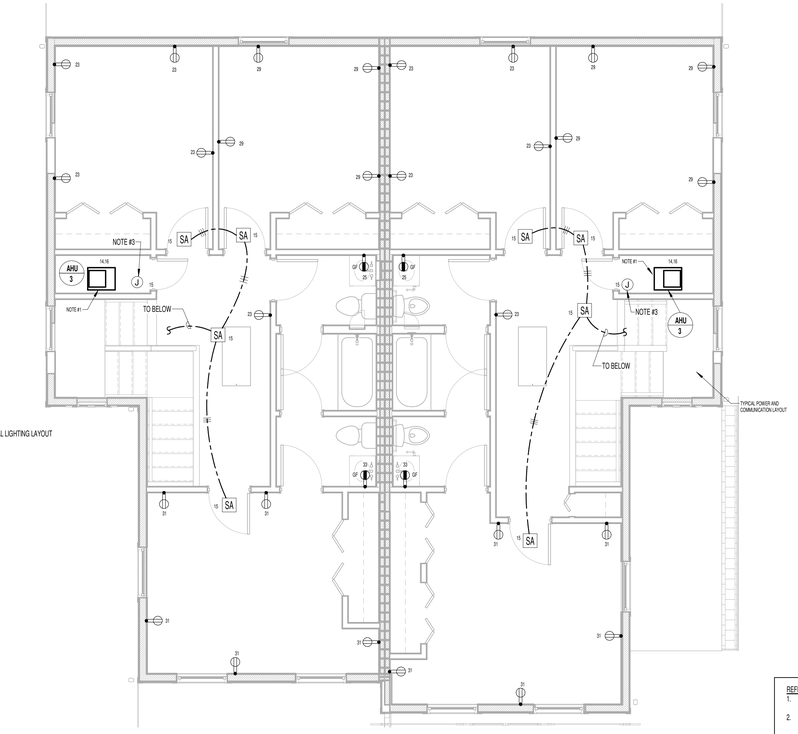
BINDING EDGE

BINDING EDGE

BINDING EDGE

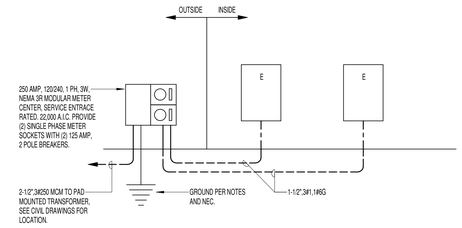


2 4.2V 2ND FLOOR LIGHTING PLAN
1/4" = 1'-0"



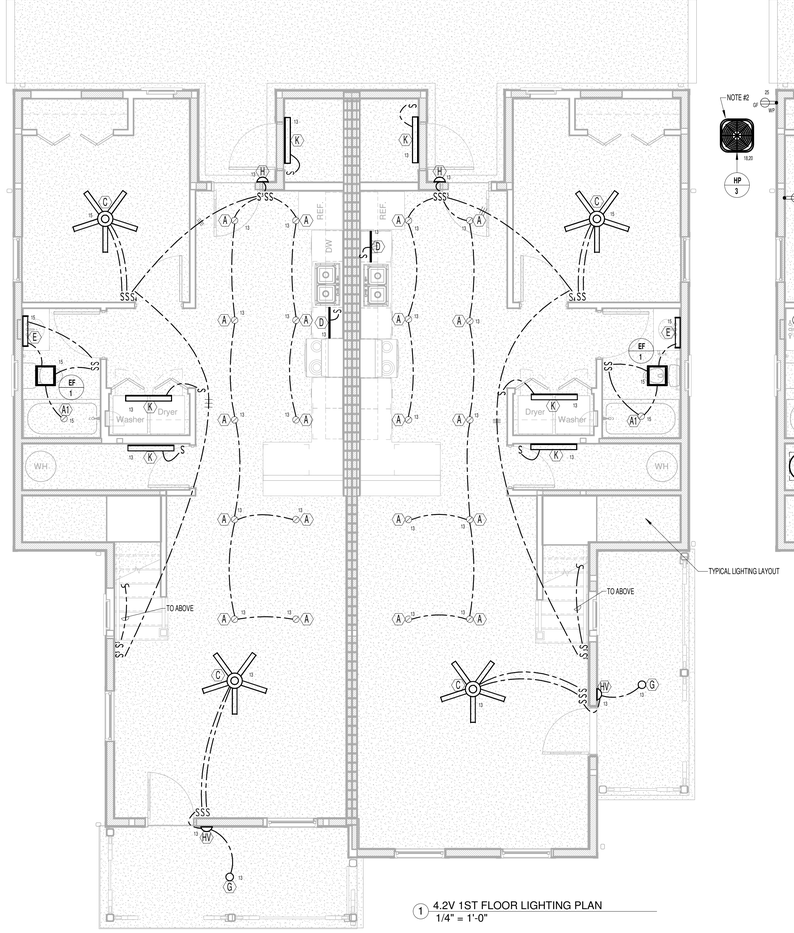
4 4.2V 2ND FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

ELECTRICAL RISER DIAGRAM NOTES:
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR(S) TO ALL METALLIC PIPING SYSTEM(S) AND BOND AS PER NEC 250.52 (A)(1).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL BUILDING FRAME AND BOND PER NEC 250.52 (A)(2).
5. CONTRACTOR SHALL PROVIDE CONCRETE ENCASED ELECTRODE IN BUILDING FOUNDATION AND BOND PER NEC 250.52 (A)(3).
6. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.

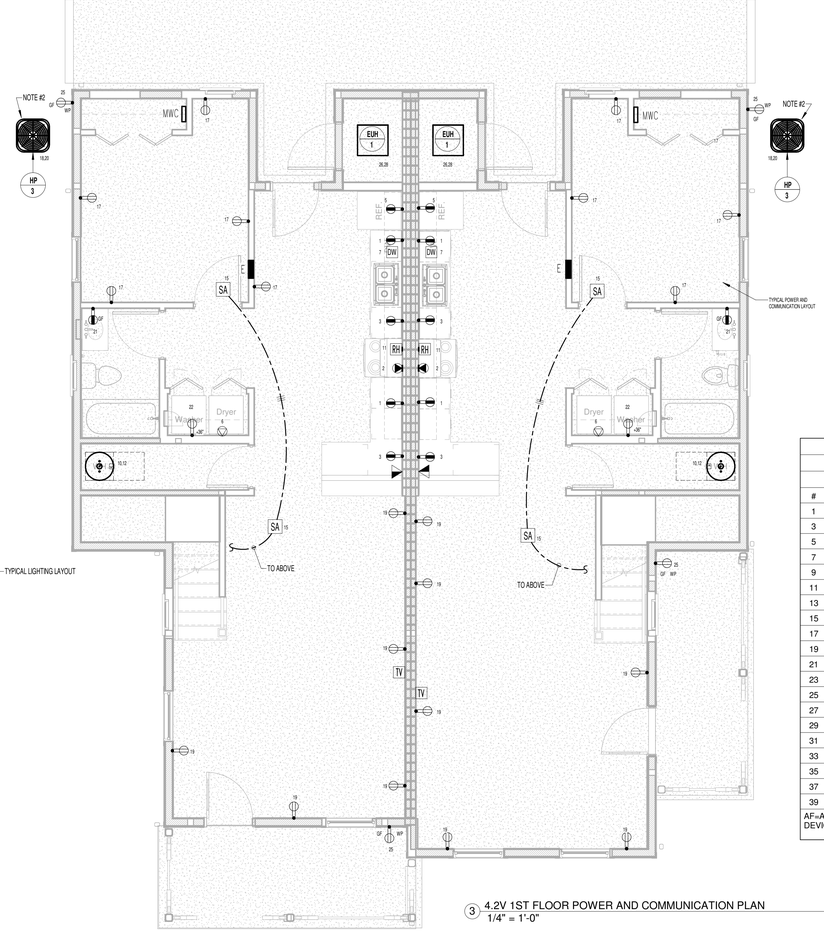


RISER DIAGRAM - PANEL E - DUPLEX
N.T.S.

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 50 AMP. EXTEND 8/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/2WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.



1 4.2V 1ST FLOOR LIGHTING PLAN
1/4" = 1'-0"



3 4.2V 1ST FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	7,100.0	WATTS
OUTDOOR UNIT =	3,456.0	WATTS
HVAC TOTAL =	11,228.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	4,950.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	29,850.0	WATTS
OTHER TOTAL DEMAND =	17,940.0	WATTS
TOTAL DEMAND =	29,168.0	WATTS
DEMAND AMPS =	122	AMPS

PANEL:	E			VOLTAGE:	120/240	PHASE:	1		WIRE:	3	BUS:	CU
BUS RATING:	125 AMP			MAIN:	NO -MLO				ENCLOSURE:	NEMA 1		
LUGS/PHASE:	#1			ENTRY:	BOTTOM	AIC:	10,000		MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER, WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	350.0	4,286.0	-	-	3,936.0	INDOOR UNIT , AHU-3	2	50	14
15	20AF	1	BED LTS/SM DET/EF	450.0	-	-	4,386.0	3,936.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,628.0	-	-	1,728.0	OUTDOOR UNIT , HP-3	2	30	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	2,808.0	1,728.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	900.0	-	-	900.0	0.0	SPARE	1	20AG	24
25	20	1	EXTERIOR RECEPT	360.0	1,160.0	-	-	800.0	CEILING HEATER	2	20	26
27	20	1	BATH RECEPTACLES	180.0	-	-	980.0	800.0		|	|	28
29	20AF	1	BED RECEPTACLES	900.0	900.0	-	-	0.0	SPARE	1	20	30
31	20AF	1	BED RECEPTACLES	1,080.0	-	-	1,080.0	0.0	SPARE	1	20	32
33	20	1	BATH RECEPTACLES	180.0	180.0	-	-	0.0	SPARE	1	20AF	34
35	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AF	36
37	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20AG	38
39	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AG	40
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	20,624.0	-	21,664.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			42,288.0	VA				

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
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Phone: (865) 246-0144
Fax: (865) 246-1084

TIME / DATE: 6/2/2020 3:13:37 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

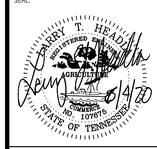
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
EMAIL:
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT
415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



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PRJ MGR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

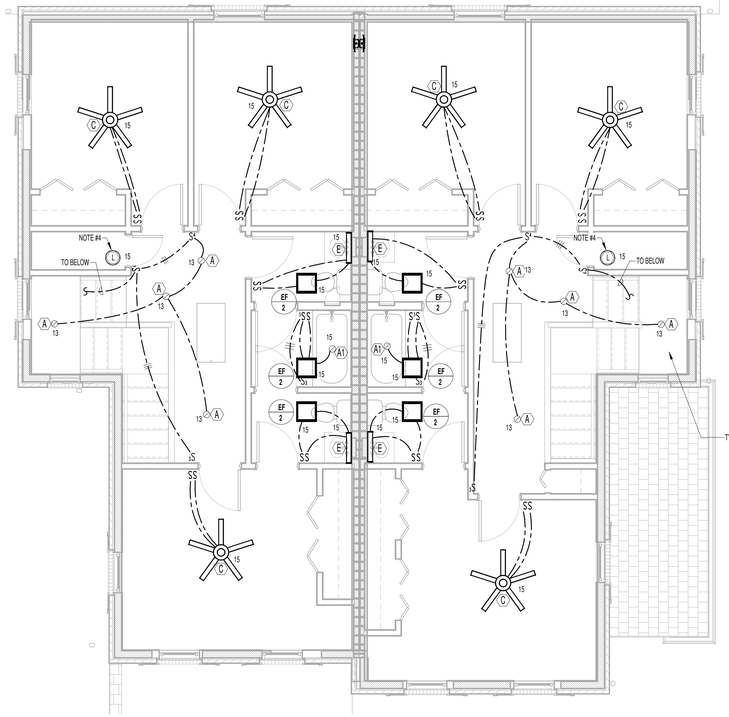
DRAWING TITLE:
4.2.V - 4 BED DUPLEX ELECTRICAL PLAN - VICTORIAN

DRAWING NO:
E170

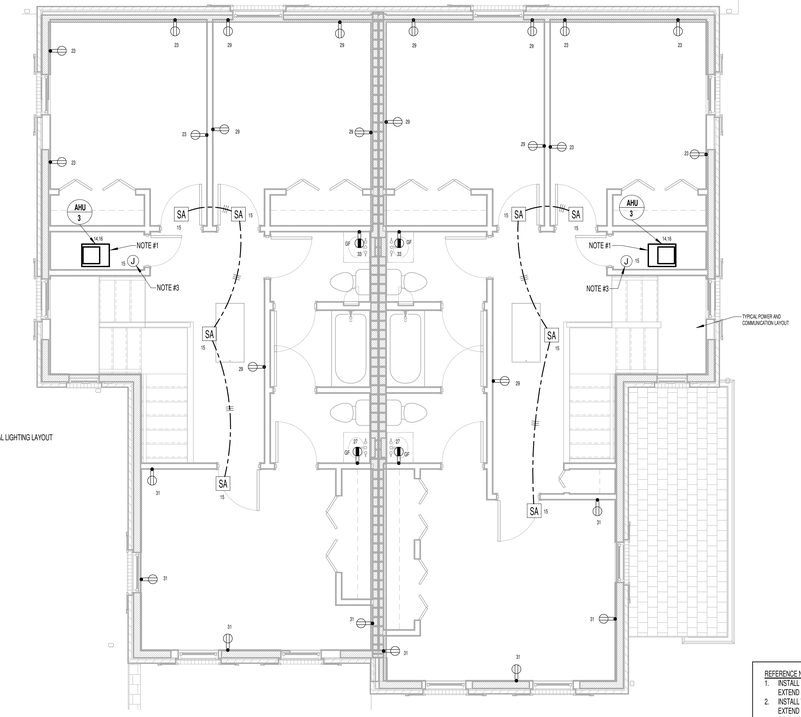
BINDING EDGE

BINDING EDGE

BINDING EDGE



2 4.2Co 2ND FLOOR LIGHTING PLAN
1/4" = 1'-0"



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1/4" = 1'-0"

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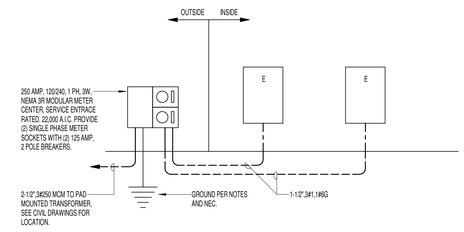

RISER DIAGRAM - PANEL E - DUPLEX
N.T.S.

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 50 AMP. EXTEND 8/3WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 30 AMP. EXTEND 10/3WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
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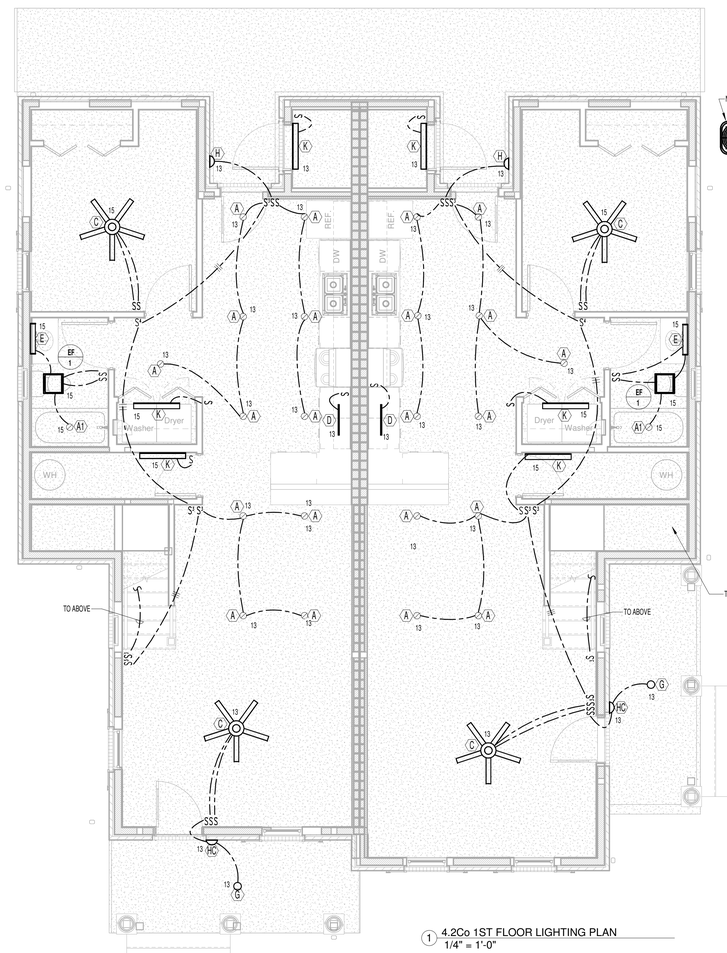
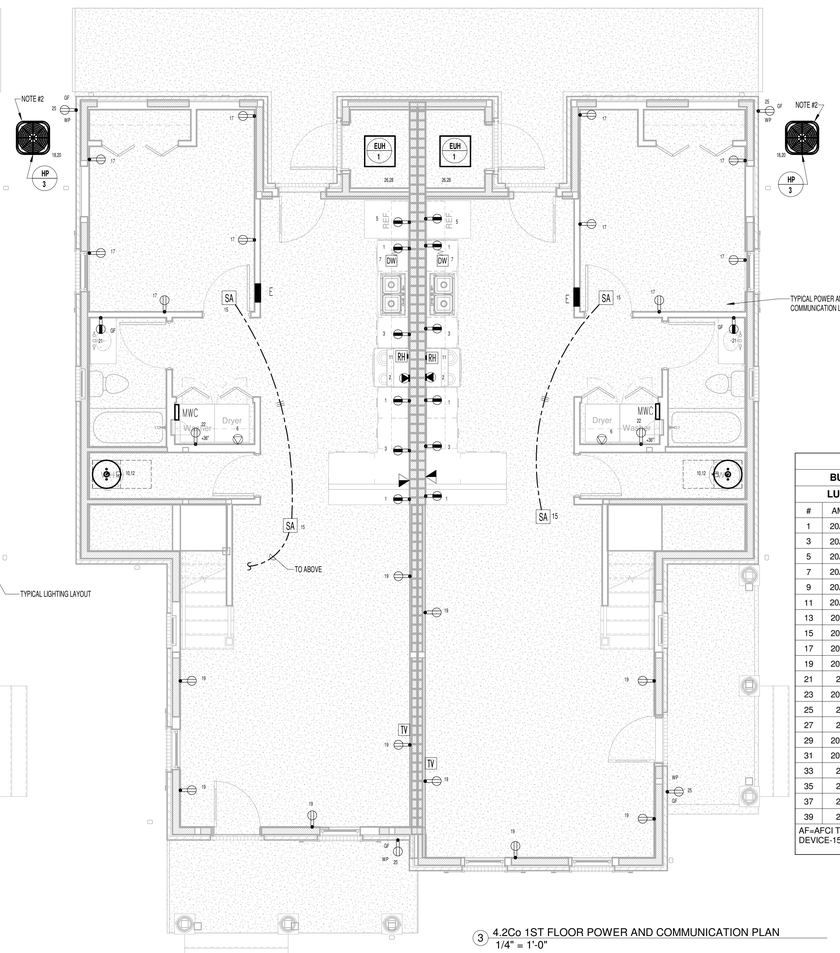


1 4.2Co 1ST FLOOR LIGHTING PLAN
1/4" = 1'-0"



3 4.2Co 1ST FLOOR POWER AND COMMUNICATION PLAN
1/4" = 1'-0"

HVAC LOAD		
INDOOR UNIT FAN =	672.0	WATTS
INDOOR UNIT WATTS =	7,100.0	WATTS
OUTDOOR UNIT =	3,456.0	WATTS
HVAC TOTAL =	11,228.0	WATTS
OTHER LOADS		
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SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	29,850.0	WATTS
OTHER TOTAL DEMAND =	17,940.0	WATTS
TOTAL DEMAND =	29,168.0	WATTS
DEMAND AMPS =	122	AMPS

PANEL:	**E**			**VOLTAGE:**	**120/240**	**PHASE:**	**1**		**WIRE:**	**3**	**BUS:**	**CU**
BUS RATING:	**125 AMP**			**MAIN:**	**NO -MLO**				**ENCLOSURE:**	**NEMA 1**		
LUGS/PHASE:	**#1**			**ENTRY:**	**BOTTOM**		**AIC:**	**10,000**	**MOUNTING:**	**RECESSED**		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER, WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	350.0	4,286.0	-	-	3,936.0	INDOOR UNIT , AHU-3	2	50	14
15	20AF	1	BED LTS/SM DET/EF	450.0	-	-	4,386.0	3,936.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	2,628.0	-	-	1,728.0	OUTDOOR UNIT , HP-3	2	30	18
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23	20AF	1	BED RECEPTACLES	900.0	-	-	900.0	0.0	SPARE	1	20AG	24
25	20	1	EXTERIOR RECEPT	360.0	1,160.0	-	-	800.0	CEILING HEATER	2	20	26
27	20	1	BATH RECEPTACLES	180.0	-	-	980.0	800.0		|	|	28
29	20AF	1	BED RECEPTACLES	900.0	900.0	-	-	0.0	SPARE	1	20	30
31	20AF	1	BED RECEPTACLES	1,080.0	-	-	1,080.0	0.0	SPARE	1	20	32
33	20	1	BATH RECEPTACLES	180.0	180.0	-	-	0.0	SPARE	1	20AF	34
35	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AF	36
37	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20AG	38
39	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AG	40
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	20,624.0	-	21,664.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			42,288.0	VA				

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
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Phone: (865) 246-0144
Fax: (865) 246-1084

TIME / DATE: 6/2/2020 3:13:44 PM

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT:
EMAIL:
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION

CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ CONSTRUCTION DOCUMENTS
- ☐ CONSTRUCTION BIDDING PHASE
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SEAL:

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CHECKED BY:	

DRAWING TITLE:

4.2.CO - 4 BED DUPLEX ELECTRICAL PLAN - COLONIAL

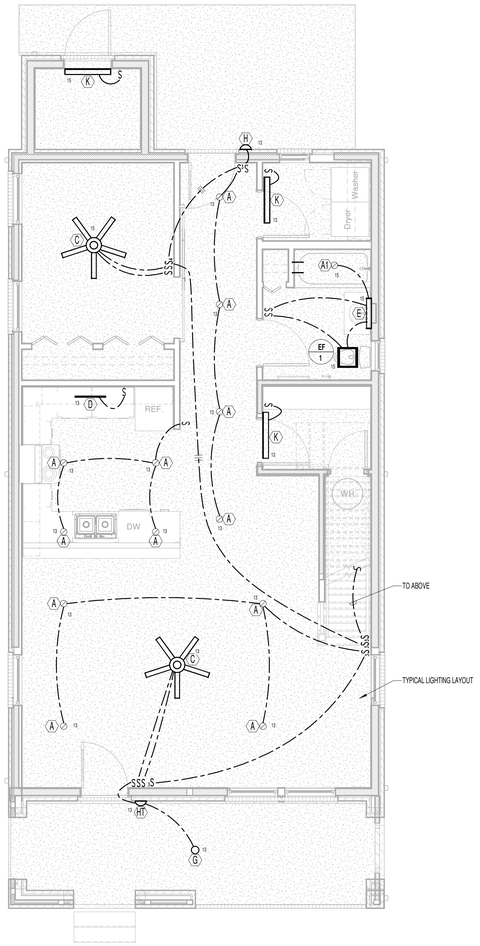
DRAWING NO:

E171

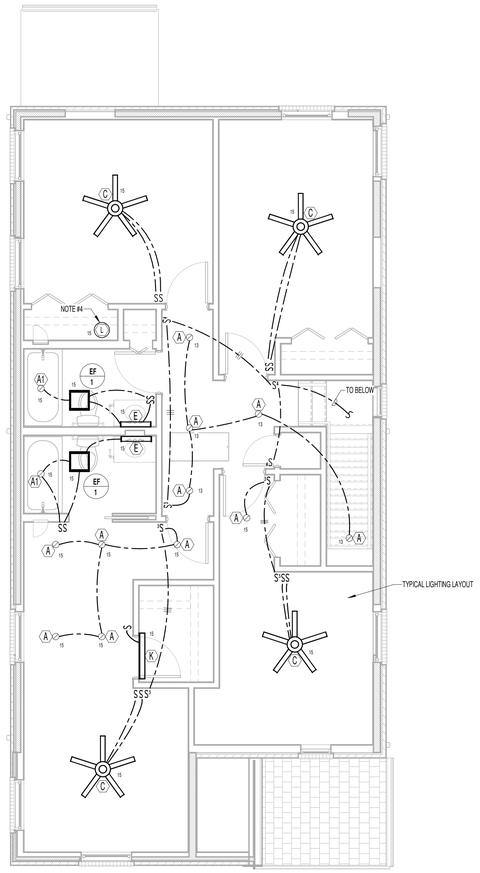
BINDING EDGE

BINDING EDGE

BINDING EDGE



1 5.1T 1ST FLOOR LIGHTING PLAN
1/4" = 1'-0"



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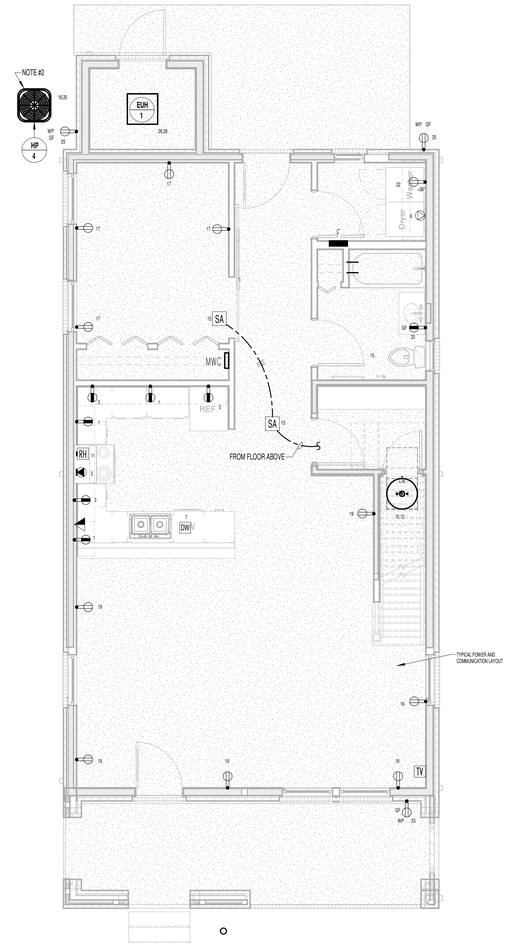

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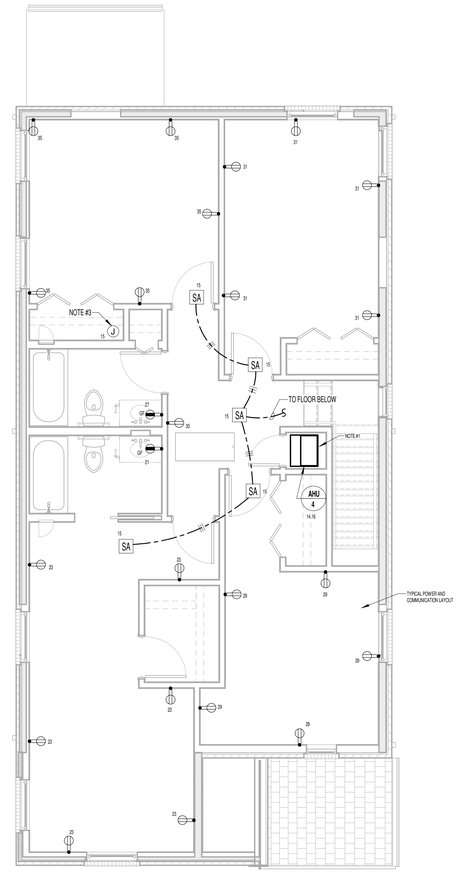

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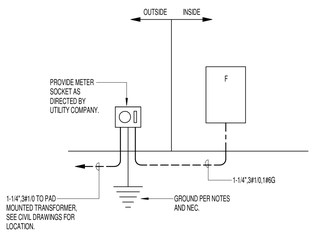
7. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
8. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.



RISER DIAGRAM - PANEL F
N.T.S.

PANEL:		F		VOLTAGE:	120/240	PHASE:	1	WIRE:	3	BUS:	CU
BUS RATING:		150 AMP		MAIN:	NO - MLO			ENCLOSURE:	NEMA 1		
LUGS/PHASE:		#1/0		ENTRY:	BOTTOM	AIC:	10,000	MOUNTING:	RECESSED		
#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20AG	1	KITCHEN RECEPT.	540.0	4,540.0	-	-	4,000.0	RANGE	2	50	2
3	20AG	1	KITCHEN RECEPT.	360.0	-	-	4,360.0	4,000.0		|	|	4
5	20AG	1	REFRIGERATOR	800.0	3,300.0	-	-	2,500.0	DRYER	2	30	6
7	20AG	1	DISHWASHER	1,200.0	-	-	3,700.0	2,500.0		|	|	8
9	20AG	1	SPARE	0.0	2,250.0	-	-	2,250.0	WATER HEATER, WH-2	2	30	10
11	20AG	1	HOOD/MICROWAVE	1,200.0	-	-	3,450.0	2,250.0		|	|	12
13	20AF	1	LIVING/KIT LIGHTS	300.0	5,580.0	-	-	5,280.0	INDOOR UNIT ,AHU-4	2	60	14
15	20AF	1	BED LTS/SM DET/EF	400.0	-	-	5,680.0	5,280.0		|	|	16
17	20AF	1	BED RECEPTACLES	900.0	3,204.0	-	-	2,304.0	OUTDOOR UNIT ,HP-4	2	40	18
19	20AF	1	LIVING RECEPTACLES	1,080.0	-	-	3,384.0	2,304.0		|	|	20
21	20	1	BATH RECEPTACLES	180.0	1,380.0	-	-	1,200.0	WASH MACHINE	1	20AG	22
23	20AF	1	BED RECEPTACLES	1,080.0	-	-	1,080.0	0.0	SPARE	1	20AG	24
25	20	1	EXTERIOR RECEPT	540.0	1,340.0	-	-	800.0	CEILING HEATER	2	20	26
27	20	1	BATH RECEPTACLES	180.0	-	-	980.0	800.0		|	|	28
29	20AF	1	BED RECEPTACLES	900.0	900.0	-	-	0.0	SPARE	1	20	30
31	20AF	1	BED RECEPTACLES	900.0	-	-	900.0	0.0	SPARE	1	20	32
33	20	1	BATH RECEPTACLES	180.0	180.0	-	-	0.0	SPARE	1	20AF	34
35	20AF	1	BED RECEPTACLES	900.0	-	-	900.0	0.0	SPARE	1	20AF	36
37	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20AG	38
39	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20AG	40
AF=AFCI TYPE; AG=AF/GF COMB.TYPE LOCK-ON DEVICE-15				TOTAL	22,674.0	-	24,434.0	VA	PROVIDE 4" BY 14" CABINET, SIMILAR TO SQUARE D CO. "LOAD CENTER" SERIES.			
				TOTAL CONNECTED			47,108.0	VA				

HVAC LOAD		
INDOOR UNIT FAN =	720.0	WATTS
INDOOR UNIT WATTS =	11,500.0	WATTS
OUTDOOR UNIT =	4,608.0	WATTS
HVAC TOTAL =	16,828.0	WATTS
OTHER LOADS		
LIGHTS/RECEPTACLES =	5,925.0	WATTS
SMALL APPLIANCE =	3,000.0	WATTS
RANGE =	8,000.0	WATTS
DRYER =	5,000.0	WATTS
WASHER =	1,200.0	WATTS
DISHWASHER =	1,200.0	WATTS
DISPOSAL =	0.0	WATTS
MICROWAVE =	1,000.0	WATTS
REFRIGERATOR =	1,000.0	WATTS
WATER HEATER=	4,500.0	WATTS
GARAGE DOOR =	0.0	WATTS
OTHER =	0.0	WATTS
OTHER TOTAL =	30,825.0	WATTS
OTHER TOTAL DEMAND =	18,330.0	WATTS
TOTAL DEMAND =	35,158.0	WATTS
DEMAND AMPS =	146	AMPS

REFERENCE NOTES:
1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AIR HANDLING UNIT, 240 VOLTS, 60 AMP. EXTEND 6/3WG TO PANEL AND CONNECT TO CIRCUIT INDICATED.
2. INSTALL WEATHERPROOF DISCONNECT SWITCH AND CONNECT HEAT PUMP, 240 VOLTS, 40 AMP. EXTEND 8/3WG TO PANEL AND CONNECT TO CIRCUIT INDICATED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION.
3. CONNECT TO FUTURE RADON FAN LOCATED IN ATTIC. FIELD VERIFY EXACT LOCATION.
4. FIXTURE LOCATED IN ATTIC. SWITCH TO BE LOCATED AT ATTIC ACCESS DOOR.

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0144
Fax: (865) 246-1084

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS

PROJECT NUMBER

550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902

CONTACT:	
EMAIL:	
TELEPHONE:	(865) 544-2000
FACSIMILE:	(865) 544-0402
INTERNET:	mhminc.com

PROJECT INFORMATION

CONTRACT:

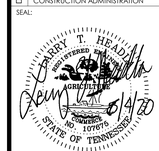
OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.

MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ REDI-CHECK
- ☑ **CONSTRUCTION DOCUMENTS**
- ☐ CONSTRUCTION BIDDING PHASE
- ☐ CONSTRUCTION ADMINISTRATION

SEAL:



© McCarty Holsaple McCarty, Inc.
Do **NOT** scale drawings, use given dimensions only. If not shown, verify correct dimension with ARCHITECT. Contractor shall check and verify all dimensions and conditions at job site.

CONSULTANT INFORMATION

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1/4" = 1'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/20
PB / MCR:	
PA / PC:	
DRAWN BY:	KMP
CHECKED BY:	

DRAWING TITLE:

5.1.T - 5 BED SINGLE ELECTRICAL PLAN - TUDOR

DRAWING NO:

E180

TIME / DATE: 6/2/2020 3:13:47 PM

LEGEND

SYMBOL:	DESCRIPTION:
(SA symbol)	FIXTURE TYPE "SA", AREA/PARKING LOT LIGHTING FIXTURE, SEE FIXTURE SCHEDULE.
○	FIXTURE TYPE "SB", RESIDENTIAL STREET DECORATIVE LIGHTING FIXTURE, SEE FIXTURE SCHEDULE.
●	FIXTURE TYPE "SB", RESIDENTIAL STREET DECORATIVE LIGHTING FIXTURE, SEE FIXTURE SCHEDULE. PROVIDED AND INSTALLED BY MURFREESBORO ELECTRIC DEPARTMENT. PAY ASSOCIATED FEES.
A-1 (home run)	HOME RUN TO PANEL WITH CIRCUIT SHOWN, CROSS MARKS INDICATE NUMBER OF CURRENT CARRYING CONDUCTORS WHERE MORE THAN TWO, NOT INCLUDING GROUND, MINIMUM #12 AWG.
– – – – –	UNDERGROUND WIRING
(meter)	METER, PROVIDE AND INSTALL IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS.
(panelboard)	PANELBOARD, MOUNT TOP 6'-0" AFF, REFER TO PANELBOARD SCHEDULES FOR REQUIREMENTS. SIDE WITH DESIGNATION IS FRONT UNLESS OTHERWISE NOTED.
(disconnect)	HEAVY DUTY FUSED DISCONNECT SWITCH, PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT MFGR. USE NEMA CONFIGURATION AS REQUIRED
Ⓥ	PRIMARY VAULT, BY MURFREESBORO ELECTRIC DEPARTMENT.
T	SINGLE PHASE PAD MOUNTED TRANSFORMER, BY MURFREESBORO ELECTRIC DEPARTMENT.
S	SECONDARY VAULT, BY MURFREESBORO ELECTRIC DEPARTMENT.
PB	12" X 12" X 12" CONCRETE POLYMER PULLBOX.

SITE LIGHTING FIXTURE SCHEDULE

SYM	CATALOG NUMBER		PERFORMANCE			MOUNTING	DESCRIPTION
	COMPANY	MODEL NUMBER	WATTS	TEMP IN K	DELIVERED LUMENS		
SA	SIGNIFY	FIXTURE - ECF-S-32L-700-WW-G2-SF-3-UNV-BL-? MS-A-120(POLE MOUNTED MOTION SENSOR) POLE: SRS-16'-3"-T2-?	73	3000K	7,795	16' POLE	ONE POLE MOUNTED AREA LED LIGHT, TYPE III DISTRIBUTION, 5% TILT, BI-LEVEL FUNCTIONALITY, POLE MOUNTED MOTION SENSOR, UNIVERSAL VOLTAGE (120-277V)
SB	HOLOPHANE	FIXTURE - GV100HP00XX3NXX	128		9500	12' POLE	RESIDENTIAL STREET DECORATIVE LIGHTING FIXTURE, TYPE III DISTRIBUTION, 100W CLEAR HPS; 12' DIRECT BURIED, FLUTED POLE WITH ARLEN BASE PER MURFREESBORO ELECTRIC DEPARTMENT STANDARDS.

NOTES:
1. FINISH SHALL BE SELECTED BY ARCHITECT, NOTED BY ?? IN MODEL NO.
2. PROVIDE CONCRETE BASE PER DETAIL.
3. ALL FIXTURES HAVE MIN CRI OF 70.
4. ALL FIXTURES SHALL BE FURNISHED COMPLETE WITH ELECTRICAL DRIVERS WITH MAXIMUM 10% THP.

PANEL: HP1 — VOLTAGE: 120/240 — PHASE: 1 — WIRE: 3 — BUS: CU
BUS RATING: 100 AMP — MAIN: YES - 100A/2P — ENCLOSURE: NEMA 3R
LUGS/PHASE: #3 — ENTRY: BOTTOM — AIC: 10,000 — MOUNTING: SURFACE

#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20	1	PARKING LOT LIGHTING	600.0	600.0	-	-	0.0	SPARE	1	20	2
3	20	1	PRIVATE ROADWAY LTS	800.0	-	-	800.0	0.0	SPARE	1	20	4
5	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20	6
7	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	8
9	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20	10
11	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	12
				TOTAL	600.0	-	800.0	VA	4" X 14" LOAD CENTER, SERVICE			
				TOTAL CONNECTED			1,400.0	VA	ENTRANCE RATED			

PANEL: HP 2 — VOLTAGE: 120/240 — PHASE: 1 — WIRE: 3 — BUS: CU
BUS RATING: 100 AMP — MAIN: YES - 100A/2P — ENCLOSURE: NEMA 3R
LUGS/PHASE: #3 — ENTRY: BOTTOM — AIC: 10,000 — MOUNTING: SURFACE

#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20	1	PARKING LOT LIGHTING	500.0	1,200.0	-	-	700.0	PRIVATE ROADWAY LTS	1	20	2
3	20	1	SPARE	0.0	-	-	800.0	800.0	PRIVATE ROADWAY LTS	1	20	4
5	20	1	PRIVATE ROADWAY LTS	400.0	700.0	-	-	300.0	PRIVATE ROADWAY LTS	1	20	6
7	20	1	PRIVATE ROADWAY LTS	400.0	-	-	400.0	0.0	SPARE	1	20	8
9	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20	10
11	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	12
				TOTAL	1,900.0	-	1,200.0	VA	4" X 14" LOAD CENTER, SERVICE			
				TOTAL CONNECTED			3,100.0	VA	ENTRANCE RATED			

PANEL: HP 3 — VOLTAGE: 120/240 — PHASE: 1 — WIRE: 3 — BUS: CU
BUS RATING: 100 AMP — MAIN: YES - 100A/2P — ENCLOSURE: NEMA 3R
LUGS/PHASE: #3 — ENTRY: BOTTOM — AIC: 10,000 — MOUNTING: SURFACE

#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20	1	PARKING LOT LIGHTING	700.0	1,100.0	-	-	400.0	PRIVATE ROADWAY LTS	1	20	2
3	20	1	SPARE	0.0	-	-	600.0	600.0	PRIVATE ROADWAY LTS	1	20	4
5	20	1	PRIVATE ROADWAY LTS	500.0	1,200.0	-	-	700.0	PRIVATE ROADWAY LTS	1	20	6
7	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	8
9	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20	10
11	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	12
				TOTAL	2,300.0	-	600.0	VA	4" X 14" LOAD CENTER, SERVICE			
				TOTAL CONNECTED			2,900.0	VA	ENTRANCE RATED			

PANEL: HP4 — VOLTAGE: 120/240 — PHASE: 1 — WIRE: 3 — BUS: CU
BUS RATING: 100 AMP — MAIN: NO - MLO — ENCLOSURE: NEMA 3R
LUGS/PHASE: #3 — ENTRY: BOTTOM — AIC: 10,000 — MOUNTING: SURFACE

#	AMP	POLE	DESCRIPTION	LOAD	A	-	B	LOAD	DESCRIPTION	POLE	AMP	#
1	20	1	PARKING LOT LIGHTING	500.0	500.0	-	-	0.0	SPARE	1	20	2
3	20	1	PARKING LOT LIGHTING	500.0	-	-	500.0	0.0	SPARE	1	20	4
5	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20	6
7	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	8
9	20	1	SPARE	0.0	0.0	-	-	0.0	SPARE	1	20	10
11	20	1	SPARE	0.0	-	-	0.0	0.0	SPARE	1	20	12
				TOTAL	500.0	-	500.0	VA	4" X 14" LOAD CENTER, SERVICE			
				TOTAL CONNECTED			1,000.0	VA	ENTRANCE RATED			

GARDCO by Signify

Site & Area — EcoForm — ECF-S small area light

Gardco EcoForm Gen-2 combines economy with performance in an LED area luminaire. Capable of delivering up to 26,400 lumens or more in a compact, low profile LED luminaire, EcoForm offers a new level of customer value. EcoForm features an innovative retrofit arm kit, simplifying site conversions to LED by eliminating the need to drill additional holes in most existing poles. Integral control systems available for further energy savings. Includes Service Tag, our innovative way to provide assistance throughout the life of the product.

Project: / Location: / Cat.No: / Type: / Lamps: Qty: / Notes:

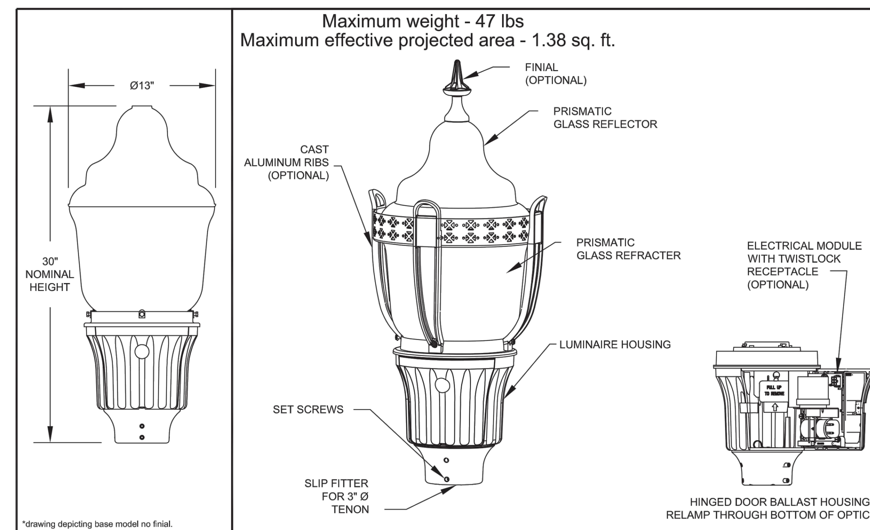
Ordering guide — example: ECF-S-64L-900-NW-G2-AR-5-120-HIS-MGY

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Distribution	Voltage	Dimming controls	Motion sensing lens	Photo-sensing	Electrical	Luminaire	Finish
ECF-S EcoForm site and area, small	32L 32 LEDs (2 modules); 48L 48 LEDs (3 modules); 64L 64 LEDs (4 modules)	32L: 530 530mA, 700 700mA, 1A 1050mA, 1.2A 1200mA; 48L: 900 900mA, 1A 1050mA, 1.2A 1200mA; 64L: 900 900mA, 1A 1050mA	WW-G2 Warm White 3000K, 70CRI Generation 2; NW-G2 Neutral White 4000K, 70CRI Generation 2; CW-G2 Cool White 5000K, 70CRI Generation 2	AR Arm Mount (standard)[2]; The following mounting kits must be ordered separately (See accessories): SF Slip Fitter Mount[3] (fits to 2 3/8" O.D. tenon); WS Wall mount with surface conduit rear entry permitted; RAM Retrofit arm mount kit[2]	Type 2: 2 Type 2, 2-90 Rotated left 90°, 2-270 Rotated right 270°; Type 3: 3 Type 3, 3-90 Rotated left 90°, 3-270 Rotated right 270°; Type 4: 4 Type 4, 4-90 Rotated left 90°, 4-270 Rotated right 270°; Type 5: 5 Type 5, 5W Type 5W; AFR Auto Front Row; AFR-90 Auto Front Row, Rotated left 90°; AFR-270 Auto Front Row, Rotated right 270°	120 120V; 208 208V; 240 240V; 277 277V; 347 347V; 480 480V; UNV 120-277V (50/60Hz); HVU 347-480V (50/60Hz)	DD 0-10V External dimming (by others)[4]; DCC Dual Circuit Control[4,5,6]; FAWS Field Adjustable Wattage Selector[4,5]; SW Interface module for SiteWise[4,6,7]; LLC Integral wireless module[4,6,8]; BL Bi-level functionality[1,4]; DynaDimmer: Automatic Profile Dimming: CS50 Safety 50% Dimming, 7 hours[4,8]; CM50 Median 50% Dimming, 8 hours[4,8]; CE50 Economy 50% Dimming, 9 hours[4,8]; DA50 All Night 50% Dimming[4,8]; CS30 Safety 30% Dimming, 7 hours[4,8]; CM30 Median 30% Dimming, 8 hours[4,8]; CE30 Economy 30% Dimming, 9 hours[4,8]; DA30 All Night 30% Dimming[4,8]	IMRI3 Integral with #3 lens[15]; IMRI7 Integral with #7 lens[16]; IMRO Pole mounted motion sensor[15] (see accessories)	PCB Photocontrol Button[8,9]; TLRD5 Twist Lock Receptacle 5 Pin[10]; TLRD7 Twist Lock Receptacle 7 Pin[10]; TLRPC Twist Lock Receptacle w/ Photocell[9,11]	Fusing: F1 Single (120, 277, 347VAC)[9]; F2 Double (208, 240, 480VAC)[9]; Pole Mount Fusing: FP1 Single (120, 277, 347VAC)[9]; FP2 Double (208, 240, 480VAC)[9]; FP3 Canadian Double Pull (208, 240, 480VAC)[9]; Surge Protection (10kA standard): SP2 Increased 20kA	Square Pole Adapter included in standard product; TB Terminal Block[12]; RPA Round Pole Adapter (fits to 3"-3.9" O.D. pole)[13]; HIS Internal Housing Side Shield[14]	Textured: BK Black; WH White; BZ Bronze; DGY Dark Gray; MGY Medium Gray; Customer specified: RAL Specify optional color or RAL (ex: RAL7024); CC Custom color (Must supply color chip for required factory quote)

1. BL-IMRI3/7 equipped with out-boarded sensor housing when voltage is HVU (347-480V)
2. Mounts to a 4" round pole with adapter included for square poles.
3. Limited to a maximum of 45 degrees aiming above horizontal.
4. Not available with other dimming control options.
5. Not available with motion sensor.
6. Not available with photocontrol.
7. Available only in 120 or 277V.
8. Not available in 347 or 480V
9. Must specify input voltage.
10. Dimming will not be connected to NEMA receptacle if ordering with other control options.
11. Not available in 480V.
12. Not available with DCC.
13. Not available with SF and WS. RPAs provided with black finish standard.
14. HIS not available with Type 5 and 5W optics.
15. Available only with SW, LLC, and BL control options.
16. Available only with SW and BL control options.

ECF-S_EcoForm_area_small 04/19 page 1 of 8

FIXTURE "SA"



Utility Granville® Series Postlite — DECORATIVE OUTDOOR — HOLOPHANE LEADER IN LIGHTING SOLUTIONS An AcuityBrands Company © 2009 Acuity Brands Lighting, Inc., All Rights Reserved

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE SUPPLIED, BUT ONLY AFTER APPROVAL BY THE CUSTOMER IN WRITING. ON POLE ORDERS AN ANCHOR BOLT TEMPLATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS CONDITION THAT IT WILL NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS, AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

ORDER #: / TYPE: / DRAWN: RAF / DATE: 02/10/2017 / DWG #: LUM_GVU — 1 of 2

ORDERING INFORMATION: GV

HOUSING: GVU = STANDARD; GVL = LEAF

BALLAST TYPE (MOGUL BASE): 050HP = 50W HPS (not available with 347 V); 070HP = 70W HPS; 100HP = 100W HPS; 15AHP = 150W 55V HPS; 175PM = 175W PM

BALLAST TYPE (MEDIUM BASE): 50DHP = 50W HPS (not available with 347 V); 70DHP = 70W HPS; 10DHP = 100W HPS; 15DHP = 150W 55V HPS; 10DMH = 100W MH (not available with 480V)

NOTE: MH is compliant with DOE/EISA regulations starting February 10, 2017.

VOLTAGE: 08 = 208 VOLT (C.U.L.) (not available with 70DMH, 10DMH, 15DMH); 12 = 120 VOLT (UL & C.U.L.); 20 = 208 VOLT; 24 = 240 VOLT; 27 = 277 VOLT (UL & C.U.L.); 34 = 347 VOLT (C.U.L.); 40 = 240 VOLT (C.U.L.) (not available with 70DMH, 10DMH, 15DMH); 48 = 480 VOLT; MT = MULTITAP (factory 240V) (120, 208, 240, 277 VOLT); MA = MULTITAP (factory 120V) (120, 208, 240, 277 VOLT); MB = MULTITAP (factory 208V) (120, 208, 240, 277 VOLT); MC = MULTITAP (factory 240V) (120, 208, 240, 277 VOLT); MD = MULTITAP (factory 277V) (120, 208, 240, 277 VOLT)

HOUSING COLOR: A = AS SPECIFIED; B = BLACK; D = DARK GREEN TIGER DRYLAC RAL6005; E = BROWN GREEN TIGER DRYLAC RAL6008; F = DARK GREEN TIGER DRYLAC RAL6009; H = DARK GREEN TIGER DRYLAC RAL6012; N = GREEN; Z = BRONZE

OPTICS: 3 = IES TYPE III DISTRIBUTION; 4 = IES TYPE IV DISTRIBUTION; 5 = IES TYPE V DISTRIBUTION; 6 = IES TYPE II DISTRIBUTION LUNAR; 7 = IES TYPE III DISTRIBUTION LUNAR; 8 = IES TYPE V DISTRIBUTION LUNAR

TRIM: N = NO TRIM; R = RIBS & BAND; S = SYRACUSE STYLE WITH COVER

FINIAL: B = BALL; C = CLEAR; E = EAGLE; F = FLOWER; N = NONE; P = PAWN; R = CROSS; S = STANDARD; T = ROM CROSS

COLOR: A = AS SPECIFIED; B = BLACK; D = DARK GREEN TIGER DRYLAC RAL6005; E = BROWN GREEN TIGER DRYLAC RAL6008; F = DARK GREEN TIGER DRYLAC RAL6009; G = GOLD; H = DARK GREEN TIGER DRYLAC RAL6012; N = GREEN; U = NO TRIM AND CLEAR OR NO FINIAL; Z = BRONZE

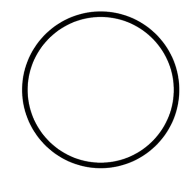
OPTIONS
H = NEMA TWISTLOCK PHOTOCONTROL RECEPTACLE ONLY
P = PROTECTED STARTER FOR HPS UNITS ONLY
T = NEMA TWISTLOCK AND PROTECTED STARTER FOR HPS UNITS ONLY.
FCVRX = FULL COVER (INSERT TRIM FINISH, FROM STEP 8 FOR X, ALSO MUST HAVE FINIAL)
MCVRX = MAYFIELD 1/2 COVER (INSERT TRIM FINISH, FROM STEP 8 FOR X, ALSO MUST HAVE FINIAL)
NE = NEMA LABEL
P27 = DTL TWISTLOCK PHOTOCONTROL 120-277 VOLT
P48 = DTL TWISTLOCK PHOTOCONTROL 480 VOLT
PSC = SHORTING CAP
L1H = 1.5 FEET OF PREWIRED LEADS
L03 = 3 FEET OF PREWIRED LEADS
L10 = 10 FEET OF PREWIRED LEADS
L20 = 20 FEET OF PREWIRED LEADS
L25 = 25 FEET OF PREWIRED LEADS
L30 = 30 FEET OF PREWIRED LEADS

ACCESSORIES
LAMP = SHIP APPROPRIATE LAMP AS LINE ITEM. SEE LAMP SHEET
GVBANDX = DECORATIVE BAND (INSERT TRIM FINISH FOR X)
GVPHOUSE90 = HOUSE SIDE SHIELD 90 DEGREE (NOT AVAILABLE IN 6, 7 OR 8 OPTIC)
GVPHOUSE12 = HOUSE SIDE SHIELD 120 DEGREE (NOT AVAILABLE IN 6, 7 OR 8 OPTIC)
GVPHOUSE18 = HOUSE SIDE SHIELD 180 DEGREE (NOT AVAILABLE IN 6, 7 OR 8 OPTIC)
IG-5 = PLUG-IN REPLACEMENT STARTER FOR HPS UNITS
IG-6 = PLUG-IN REPLACEMENT PROTECTED STARTER FOR HPS UNITS
IG-7 = PLUG-IN REPLACEMENT STARTER FOR 70/10/15DMH UNITS

FIXTURE "SB"

GARDCO by Signify

Pole/Bracket — Site and Area Poles — Straight Round Steel



The Gardco SRS straight round steel pole consists of a one-section design fabricated steel tubing circumferentially welded to a structural quality hot rolled carbon steel plate. The poles are finished with an electrostatically applied, thermally cured TGIC polyester powdercoat.

Project: / Location: / Cat.No: / Type: / Lamps: Qty: / Notes:

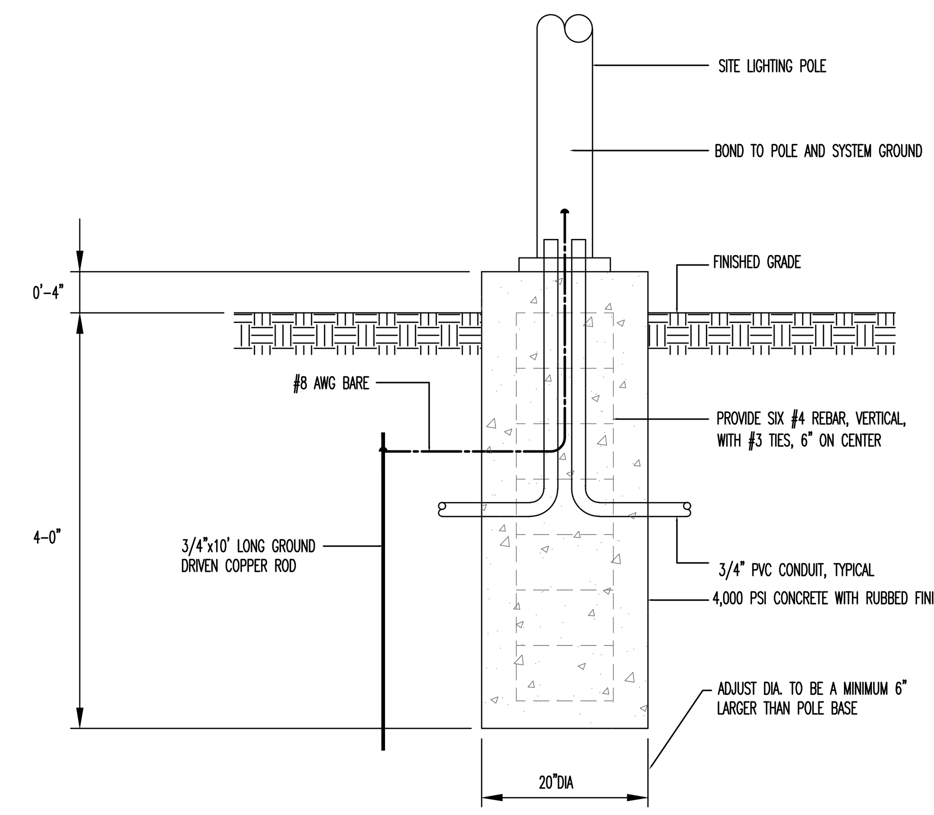
Ordering Guide — example: SRS-20-4-D2-BRP

Prefix	Height	Size	Drilling	Finish	Options
SRS	10'; 14'; 16'; 20'; 25', 25H[1]; 30', 30H[1]	3"; 4"; 5"	D1 1 Way; D2 2 Way; D2@90 2 Way at 90°; D3 3 Way; D3@120 3 Way at 120°; D4 4 Way; T2 2 3/8" OD Tenon; T4 4" OD Tenon	PP Prime Painted; BRP Bronze Paint; BLP Black Paint; WP White Paint; NP Natural Aluminum Paint; GV Galvanized (No Paint); FPGV Finished Paint over Galvanized (specify color); OC Optional Color Paint Specify RAL designation ex: OC-RAL7024.; SC Special Color Paint Specify. Must supply color chip.	FES Festoon Outlet; AHH Additional Hand Hole — For Festoon Outlets, VDA Vibration Dampener, and Additional Hand Holes, indicate height above base and orientation to original hand hole. See Pole Orientation Information on Page 4. Nipples and Couplings: CL Coupling - Internal thread — Indicate size (1/2", 3/4", 1", 1 1/4", 1 1/2".) Indicate height above base and orientation to hand hole. See Pole Orientataion Information on Page 4. Single Mount Bullhorn Brackets: GM-080-19 Single - 1.9" OD; GM-080-24 Single - 2.4" OD — Indicate height above base and orientation to hand hole. See Pole Orientation Information on Page 4. Motion Response Provisions: MSM Motion Sensor Mounting Provision for LED Luminaires available with Motion Response — Minimum Pole Height is 18'. Includes a special hand hole with 1/2" coupling placed in the cover plate, 180° to the hand hole, 15' above the pole base.

Enter the order code into the appropriate box above. Note: Gardco reserves the right to refuse a configuration. Not all combinations and configurations are valid.
Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.
1. Refers to relative strength based on wind load factors.
H = Heavy.

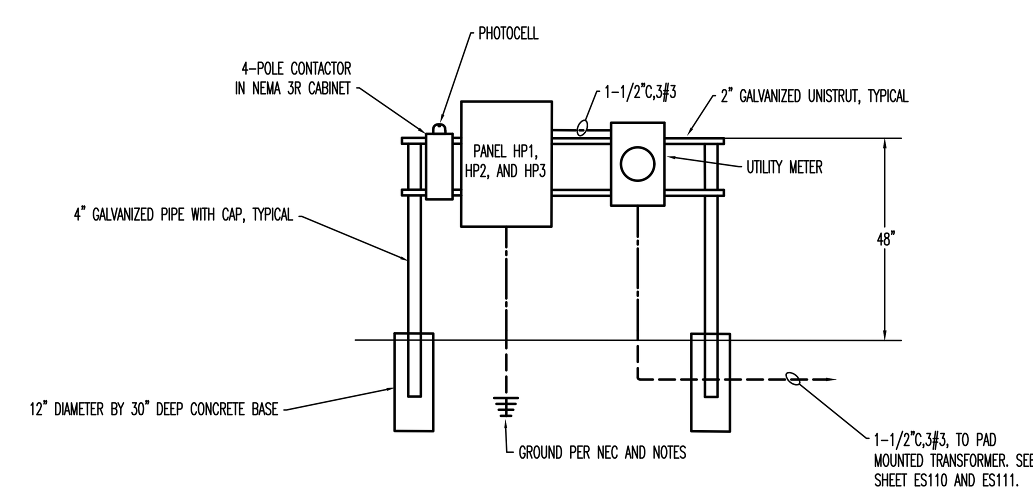
10-SRS_Spec_Sheet 08/19 page 1 of 4

POLE FOR FIXTURE "SA"



POLE BASE DETAIL

NO SCALE USE FOR SA



RISER DIAGRAM - "TYPICAL" CONTROL CENTER

N.T.S.

ELECTRICAL RISER DIAGRAM NOTES
1. THIS SERVICE HAS BEEN DESIGNED FOR 120/240 VOLT, SINGLE PHASE, THREE WIRE.
2. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEMS AND CONDUCTORS PER NEC 250.50 AT A MINIMUM AND ADDITIONAL REQUIREMENTS AS SHOWN ON THE RISER DIAGRAM.
3. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE CONDUCTOR TO METAL FRAME AND BOND PER NEC 250.52 (A)(2).
4. CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE RODS (3/4" BY 10' COPPER) AND BOND PER NEC 250.52 (A)(5)(b).
5. ALL UNDERGROUND AND ENCASED CONNECTIONS SHALL BE EXOTHERMIC. EXPOSED CONNECTIONS MAY BE COMPRESSION TYPE.
6. ALL COMPONENTS SHALL BE COPPER UNLESS NOTED OTHERWISE.

BINDING EDGE

BINDING EDGE

BINDING EDGE

McCARTY HOLSAPLE McCARTY
MHM
ARCHITECTS & INTERIOR DESIGNERS
19003
550 W. MAIN STREET, SUITE 300
KNOXVILLE, TENNESSEE 37902
CONTACT: Margaret Butler
EMAIL: mbutler@mhminc.com
TELEPHONE: (865) 544-2000
FACSIMILE: (865) 544-0402
INTERNET: mhminc.com

PROJECT INFORMATION
CONTRACT:

OAKLAND COURT REDEVELOPMENT

415 N. MAPLE ST.
MURFREESBORO, TENNESSEE 37130

ACTIVE DESIGN PHASE
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- ☐ DESIGN DEVELOPMENT
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- ☐ CONSTRUCTION ADMINISTRATION

SEAL: LARRY T. HEADLEE — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — NO. 107675 — STATE OF TENNESSEE — 6/4/20

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CONSULTANT INFORMATION

FACILITY SYSTEMS CONSULTANTS, LLC
713 South Central Street, Suite 101
Knoxville, Tennessee 37902
Phone: (865) 246-0164
Fax: (865) 246-1084

CODES OFFICIAL REVIEW

KEY PLAN:

REVISION INFORMATION

No.	Date	Description

DRAWING INFORMATION

SCALE:	1" = 30'-0"
SCALE GUIDE:	
DWG ISSUED:	6/4/2020
PRJ MGR:	
PA / PC:	
DRAWN BY:	ECS
CHECKED BY:	LTH

DRAWING TITLE:
SITE ELECTRICAL LEGEND, SCHEDULE, AND NOTES

DRAWING NO: **ES100**

BINDING EDGE

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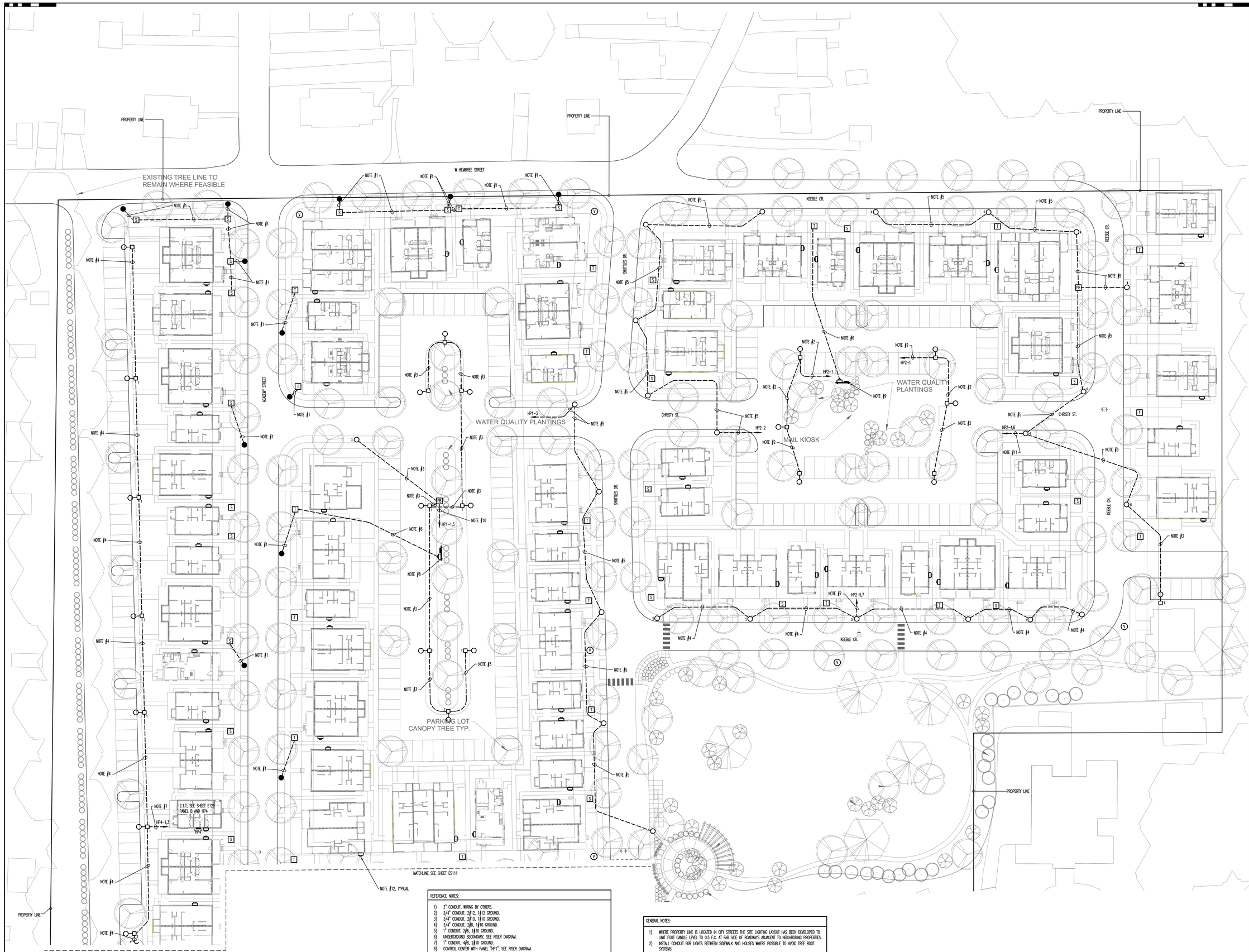
BINDING EDGE



REFERENCE NOTES:

1) 2" CONDUIT, WIRING BY OTHERS.
2) 3/4" CONDUIT, 2#12, 1#12 GROUND.
3) 3/4" CONDUIT, 2#10, 1#10 GROUND.
4) 3/4" CONDUIT, 2#8, 1#10 GROUND.
5) 1" CONDUIT, 2#6, 1#10 GROUND.
6) UNDERGROUND SECONDARY, SEE RISER DIAGRAM.
7) 1" CONDUIT, 4#8, 2#10 GROUND.
8) CONTROL CENTER WITH PANEL "HP1", SEE RISER DIAGRAM.
9) CONTROL CENTER WITH PANEL "HP2", SEE RISER DIAGRAM.
10) 1" CONDUIT, 4#10, 2#10 GROUND.
11) 2" CONDUIT, 2#6, 2#10, 2#10 GROUND.
12) PROPOSED LOCATION OF METER CENTER, SEE RISER DIAGRAMS FOR REQUIREMENTS.

GENERAL NOTES:

1) WHERE PROPERTY LINE IS LOCATED IN CITY STREETS THE SITE LIGHTING LAYOUT HAS BEEN DEVELOPED TO LIMIT FOOT CANDLE LEVEL TO 0.5 F.C. AT FAR SIDE OF ROADWAYS ADJACENT TO NEIGHBORING PROPERTIES.
2) INSTALL CONDUIT FOR LIGHTS BETWEEN SIDEWALK AND HOUSES WHERE POSSIBLE TO AVOID TREE ROOT SYSTEMS.

ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

McCARTY HOLSAPLE McCARTY

MHM

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ELECTRICAL SITE PLAN

DRAWING NO:

ES110

BINDING EDGE

BINDING EDGE

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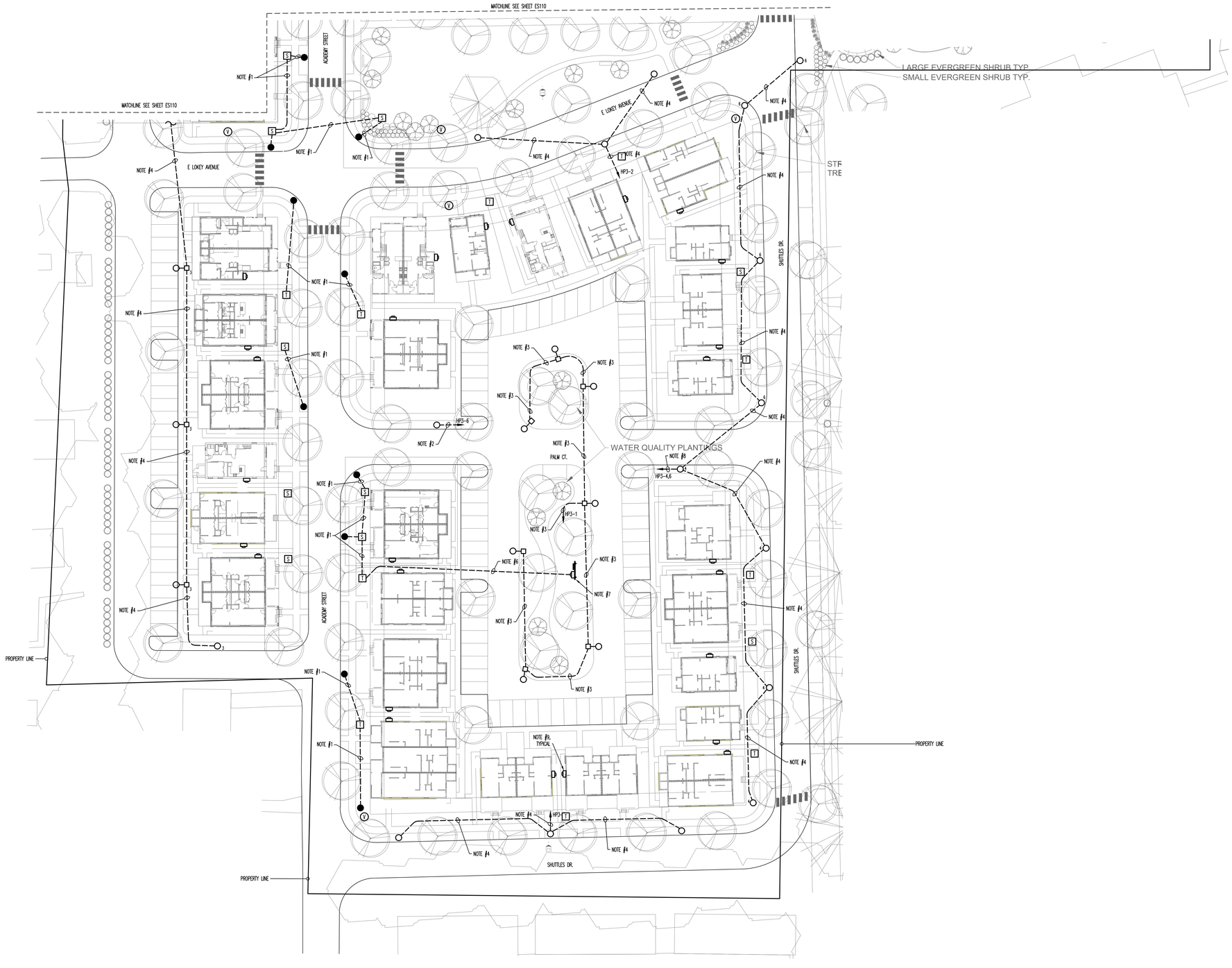

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LARRY T. HEADLEE REGISTERED ARCHITECT No. 107675 STATE OF TENNESSEE 06/4/20

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DRAWING NO:

ES111