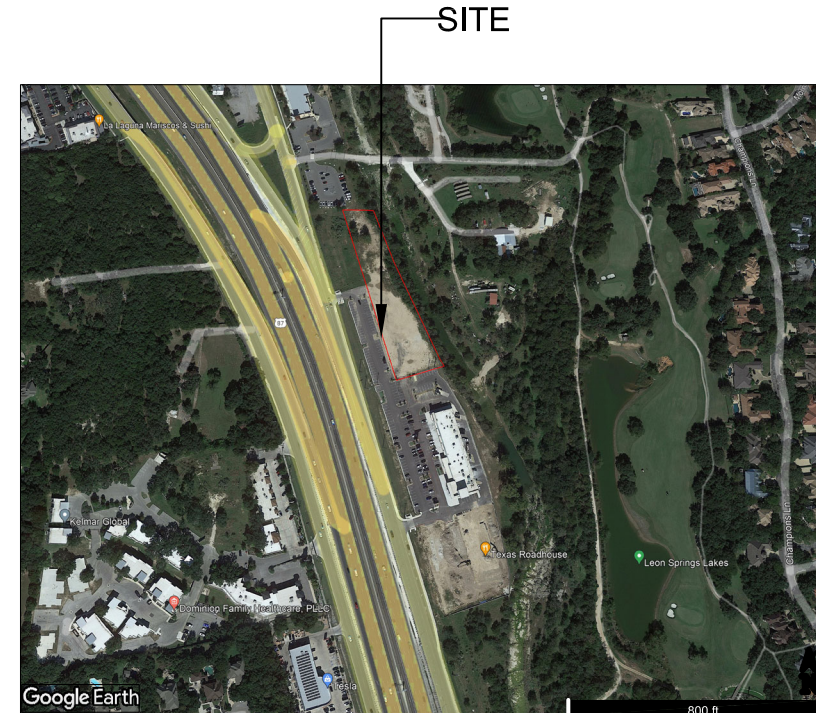




DRAWING COORDINATION
 Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications



VICINITY MAP NOT TO SCALE



GENERAL NOTES

- ALL CONSTRUCTION WITHIN THE STATE RIGHT OF WAY WILL REQUIRE COMPLIANCE TO TXDOT STANDARD SPECIFICATIONS, STANDARD PLANS, STATE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- SPECIFICATIONS ADOPTED BY THE TX DEPARTMENT OF TRANSPORTATION AND SUBSEQUENT AMENDMENTS, AND SPECIFICATION ITEMS LISTED AND DATED AS PER THE CIVIL DRAWINGS SHALL GOVERN ON THIS PROJECT. FOR ALL WORK WITHIN THE STATE RIGHT OF WAY.

DRAWING SYMBOLS

| ENTRY | ROOM NAME |
|-------|--|
| 101 | ROOM NUMBER |
| D1 | DOOR MARK |
| D | WINDOW MARK |
| 3 | DRAWING NOTE |
| A | COLUMN LINE MARK |
| ⊕ | DATUM MARK |
| 3 | REVISION NUMBER CLOUD AT LAST REV. ONLY |

PROJECT DATA

| STORIES | BUILDING | FLOOR AREA | CONSTR. TYPE | SPRINKLER SYSTEM | OCCUPANCY |
|-----------|------------------------|------------|--------------|------------------|-----------|
| ONE STORY | RESTAURANT LEASE SPACE | 5400 SQ.FT | TYPE VB | YES | 277 |

LEGAL DESCRIPTION

LOT 3, BLOCK 110, NCB 16386 PLAT: DOMINION RETAIL (VOL. 9720, PG. 159-160, D.P.R.)

CODES AND STANDARDS

- THE FOLLOWING CRITERIA HAS BEEN USED IN THE PREPARATION OF THESE DOCUMENTS.
 ADA ACCESSIBILITY STANDARDS
 DATE: AS APPLICABLE

GENERAL NOTES

- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES. PROJECT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING LIST:
 BUILDING CODE: IBC AS APPLICABLE
 NATIONAL ENERGY CODE : AS APPLICABLE
 BUILDING CODES / LAW / ORDINANCES:
 COUNTY, CITY OF SAN ANTONIO 2021 IBC, STATE BUILDING CODES AND AS AMENDED, CITY ORDINANCES
- THESE NOTES SHALL APPLY UNLESS OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.
- ALL WORK INCLUDING CIVIL, MECHANICAL, PLUMBING, & ELECTRICAL SHALL BE PERFORMED IN STRICT COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, & LOCAL CODE REQUIREMENTS, AND IN ACCORDANCE WITH ACCEPTED CONSTRUCTION INDUSTRY STANDARDS.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL APPLICABLE PERMITS, INSPECTIONS AND APPROVALS, INCLUDING THOSE RELATED TO BUILDING AND CONTRACTOR SIGNAGE.
- PRIOR TO TURNING BUILDING OVER TO OWNER, REPAIR OR REPLACE ALL MATERIALS, GLASS, OR ASSEMBLIES DAMAGED OR BROKEN DURING CONSTRUCTION.
- SMOKE DETECTORS SHALL BE HARDWIRED INTO AN AC ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH BATTERY BACK-UP. SMOKE DETECTORS SHALL BE TESTED FOR COMPLIANCE UPON COMPLETION OF WORK.
- AT ALL RATED WALLS, FLOORS AND RATED CEILINGS, ALL PLUMBING, ELECTRICAL & HVAC PENETRATIONS SHALL BE SEALED WITH APPROVED FIRESTOPPING MATERIAL.
- SEAL ALL PENETRATIONS THRU FLOOR DECK.
- FRAMER SHALL PROVIDE IN-WALL BLOCKING AS REQUIRED AT TOILET ACCESSORIES.

CODE INFORMATION

| 1.0 APPLICABLE CODES | |
|----------------------|---|
| BUILDING CODE | 2021 INTERNATIONAL BUILDING CODE (IBC) |
| FIRE CODE | 2021 INTERNATIONAL FIRE CODE (IFC) |
| ELECTRICAL CODE | 2020 NATIONAL ELECTRICAL CODE (NEC) |
| MECHANICAL CODE | 2021 INTERNATIONAL MECHANICAL CODE (IMC) |
| PLUMBING CODE | 2021 INTERNATIONAL PLUMBING CODE (IPC) |
| FUEL GAS CODE | 2021 INTERNATIONAL FUEL GAS CODE (IFGC) |
| ENERGY CODE | 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IEC) |
| LIFE SAFETY CODE | 2012 |
| ACCESSIBILITY CODE | TAS 2012 |

RESTROOM DESIGN

- NUMBER OF PEOPLE
- 142 inside
 - 36 covered patio
 - 5 covered outside bar
 - 45 north patio
 - Up to 48 west patio
 - 277
- 138 female & male
 Male
 1 urinal per 75 = 2 urinals
 1 wc per 200 = 1 wc
 Female = 3 wc
 Changing tables x2

PARKING

REFERENCE CIVIL

INDEX OF DRAWINGS

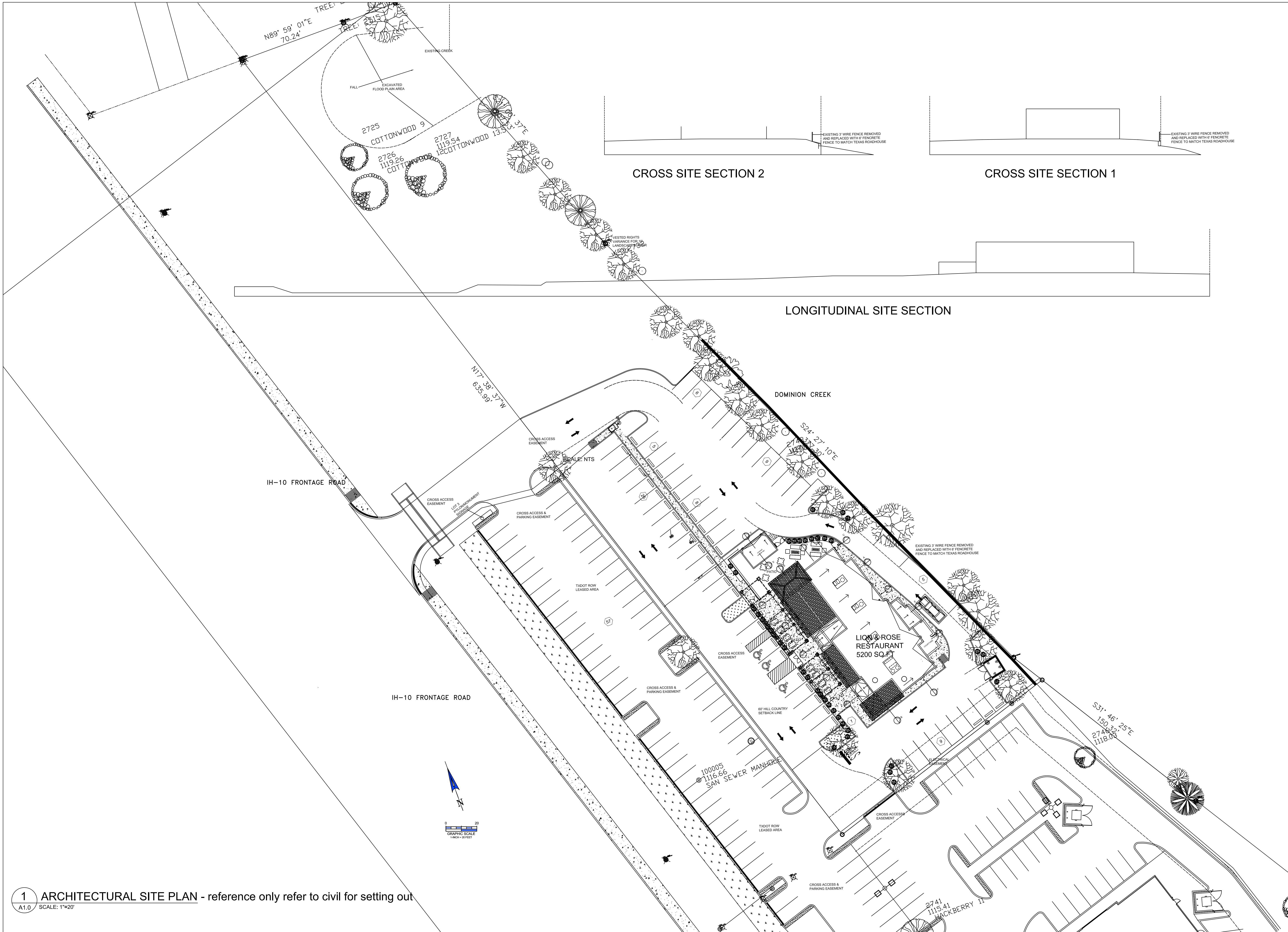
| ARCHITECTURAL | CIVIL | LANDSCAPE |
|--------------------------------|--|--|
| CS COVER SHEET | C-0.0 COVER SHEET | TP1.0 TREE PRESERVATION PLAN |
| A1.0 ARCHITECTURAL SITE PLAN | C-0.1 GENERAL NOTES | L1.0 O/A LANDSCAPE PLAN |
| A2.0 FLOOR PLAN | C-1.0 EXISTING SITE PLAN | L1.1 ENLARGED LANDSCAPE PLAN |
| A2.1 EQUIPMENT PLAN | C-2.0 PROPOSED SITE PLAN | L1.2 ENLARGED LANDSCAPE PLAN |
| A2.2 RCP PLAN | C-3.0 PAVING & DIMENSION CONTROL PLAN | L2.0 LANDSCAPE SPECIFICATION |
| A2.3 ENLARGED DUMPSTER PLAN | C-4.0 UTILITY PLAN | L1.0 IRRIGATION NOTES & LEGEND |
| A2.4 ROOF PLAN | C-5.0 FIRE PROTECTION PLAN | L1.1 IRRIGATION PLAN |
| A2.5 KITCHEN ELEVATIONS | C-6.0 GRADING PLAN | L1.2 IRRIGATION PLAN L1.3 IRRIGATION BUBBLERS |
| A2.6 FURNITURE LAYOUT | C-7.0 SITE DETAILS (1 OF 2) | L1.4 IRRIGATION BUBBLERS L1.3 & 4 IRRIGATION DETAILS |
| A3.0 ROOM AND DOOR SCHEDULE | C-7.1 SITE DETAILS (2 OF 2) | |
| A4.0 EXTERIOR ELEVATIONS | C-7.2 UTILITY DETAILS | |
| A5.0 BUILDING SECTIONS | C-7.3 EROSION CONTROL DETAILS | |
| A6.0 WALL SECTIONS | C-7.4 CONTECH JELLYFISH FILTER DETAILS | |
| A6.1 WALL SECTIONS | | |
| A6.2 WALL SECTIONS | | |
| A6.3 WALL SECTIONS | | |
| A6.4 WALL SECTIONS | | |
| A6.5 WALL SECTIONS | | |
| A7.0 DETAILS | | |
| A8.0 MILLWORK DETAILS | | |
| A9.0 TBD | | |
| SP1-3 SPECIFICATIONS | | |
| | MEP | |
| | ME1.1 SITE AND ROOF MEP PLAN | |
| | ME1.2 MECHANICAL/ELECTRICAL ROOF PLAN | |
| | P1.1 PLUMBING WASTE PLAN | |
| | P1.2 PLUMBING WATER SUPPLY PLAN | |
| | P2.1 PLUMBING DETAILS | |
| | P2.2 PLUMBING DETAILS | |
| | P3.1 PLUMBING RISERS AND DETAILS | |
| | P3.2 PLUMBING RISERS AND DETAILS | |
| | M1.1 MECHANICAL PLAN | |
| | M2.1 MECHANICAL SCHEDULES AND DETAILS | |
| | M3.1 MECHANICAL SCHEDULES AND DETAILS | |
| | E1.1 LIGHTING PLAN | |
| | E2.1 ELECTRICAL PLAN | |
| | E3.1 ELECTRICAL RISER AND SCHEDULES | |
| STRUCTURAL | | |
| S-1.0 GENERAL NOTES | | |
| S-2.0 FOUNDATION PLAN | | |
| S-2.1 ROOF FRAMING PLAN | | |
| S-3.0 FOUNDATION DETAILS | | |
| S-3.1 FOUNDATION DETAILS | | |
| S-4.0 FRAMING DETAILS | | |
| S-4.1 FRAMING DETAILS | | |
| S-4.2 FRAMING DETAILS | | |
| S-4.3 FRAMING DETAILS | | |
| S-4.4 FRAMING DETAILS | | |
| S-4.5 FRAMING DETAILS | | |
| S-5.0 DUMPSTER/COURTYARD WALLS | | |

COVER SHEET
LION & ROSE RESTAURANT
231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

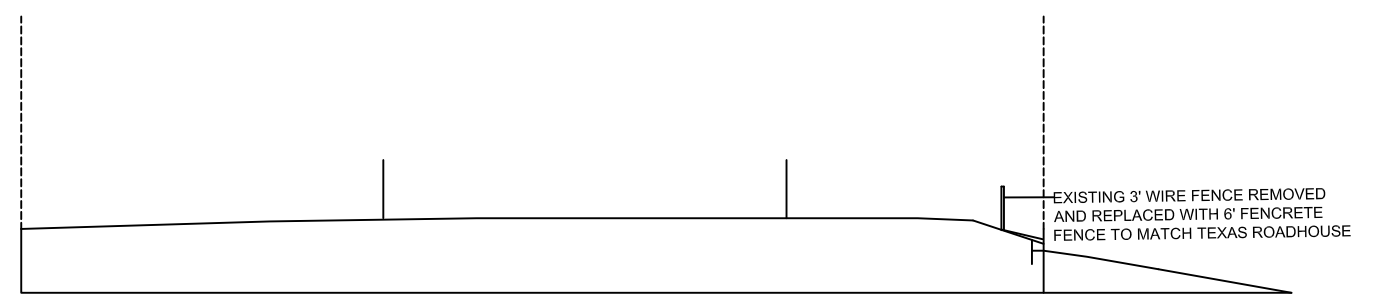
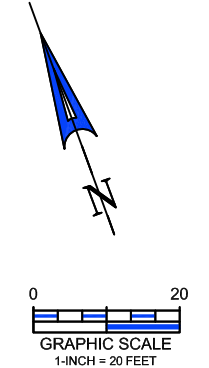
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PROJECT NO.
05-05-22

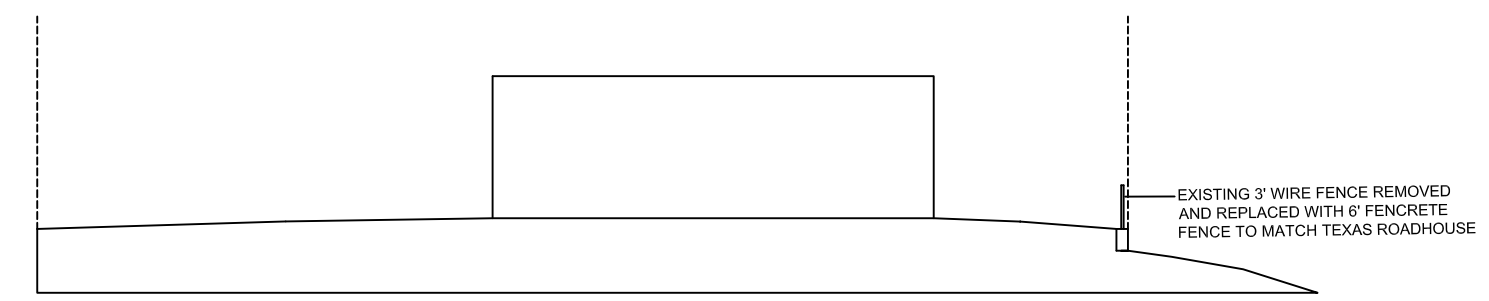
SHEET NO.
CS



1 ARCHITECTURAL SITE PLAN - reference only refer to civil for setting out
 A1.0 SCALE: 1"=20'



CROSS SITE SECTION 2



CROSS SITE SECTION 1

LONGITUDINAL SITE SECTION

MLA
 MICHAEL LEGG ARCHITECTURE
 Michael Legg, Inc.
 NCARB, AIA, RIBA, SACAP
 2616 High Timber Pkwy St
 San Antonio, Texas 78260
 ph: 210-416-4938
 michael@mlaarch.com
 www.michaelleggarchitecture.com



DRAWING COORDINATION
 Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

ARCHITECTURAL SITE PLAN
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

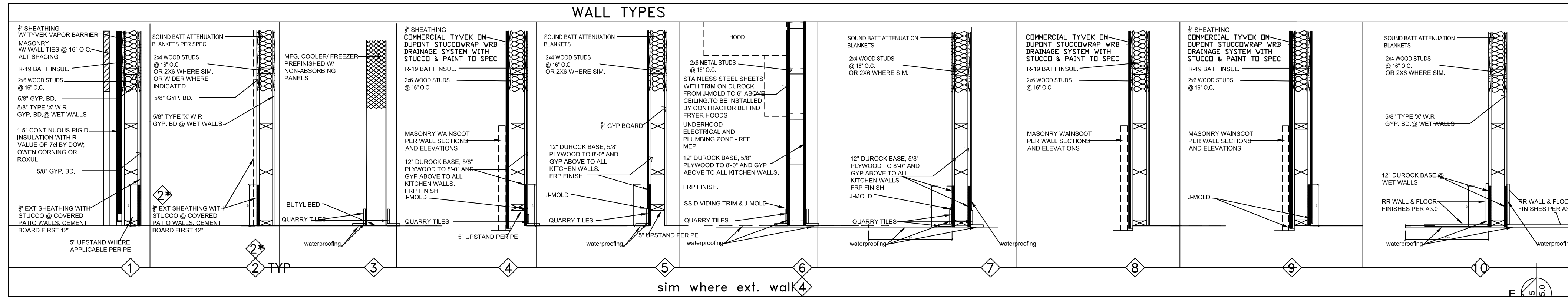
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05-05-22

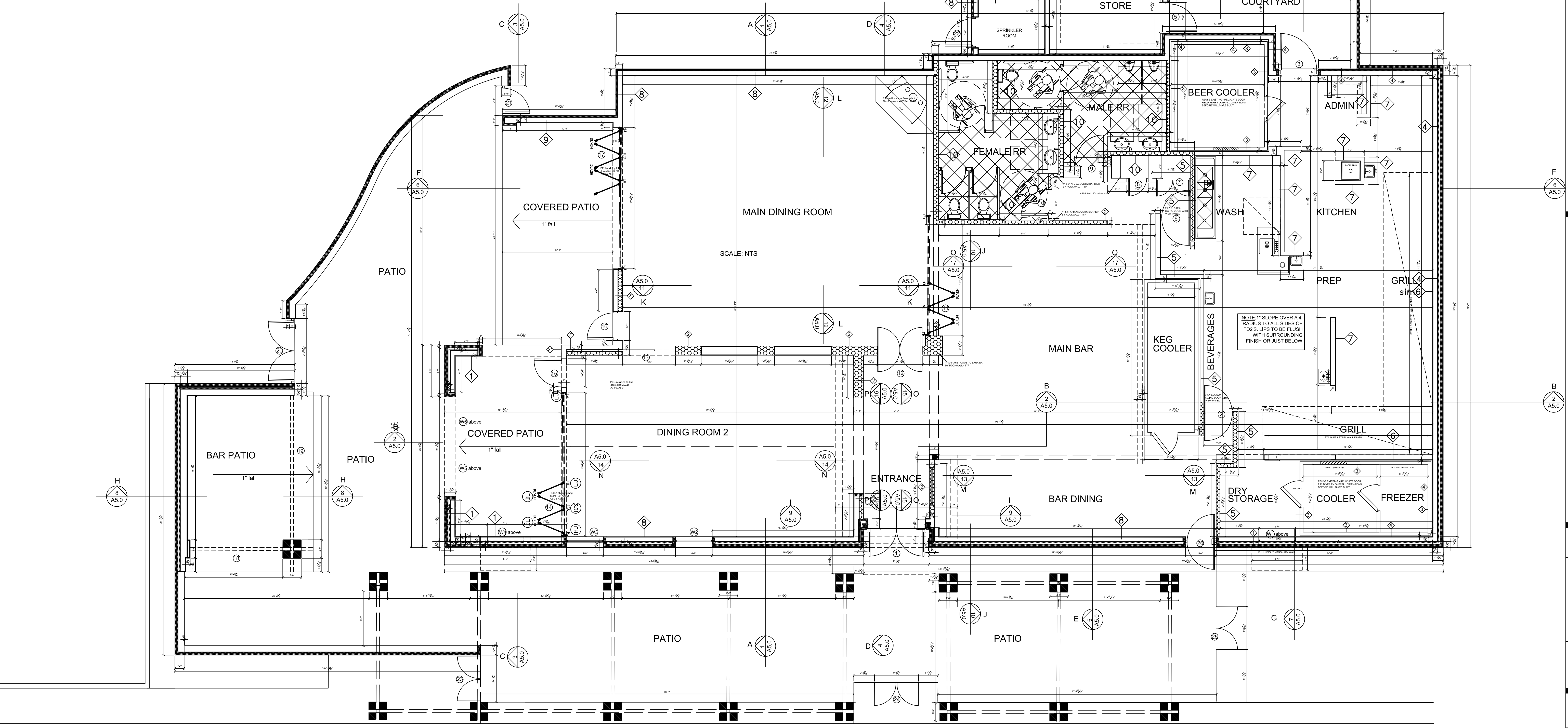
SHEET NO.
A1.0



DRAWING COORDINATION
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2 L&R Floor plan
A2.0 SCALE: NTS



1 L&R Floor plan
A2.0 SCALE: 1/8"=1'-0"

L&R Floor Plan
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |

PROJECT NO.
05-05-22

SHEET NO.
A2.0



DRAWING COORDINATION
Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

EQUIPMENT PLAN

23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |
| | | |

PROJECT NO.
05-05-22

SHEET NO.

A2.1

EQUIPMENT SCHEDULE

| ITEM# | QTY | EQUIPMENT CATEGORY | NOTES |
|---------|-----|---|-------------------------------|
| 13 | 1 | ICE DRINK DISPENSER | BY OWNER |
| 16 | 1 | TABLE, 24" X 27" | BY OWNER |
| 60 | 6 | POS REGISTER(2 NEW BOTH BARS) | BY OWNER |
| 61 | 6 | POS PRINTER(2 NEW BOTH BARS) | BY OWNER |
| 64 | 1 | LOT TV & AUDIO SYSTEM | BY OWNER |
| 65 | 1 | WIFI SYSTEM | BY OWNER |
| 102A | 1 | KETTLE, STEAM JACKETED, ELEC, TILT | BY OWNER |
| 102B | 1 | STAND, KETTLE, ELECTRIC | BY OWNER |
| 102C | 1 | FAUCET, POT FILLER, WALL MOUNT | BY OWNER |
| 103 | 2 | GRIDDLE,COUNTERTOP(1NEW VulcanVCR48 | BY OWNER/KES Email 11.16.22 s |
| 104 | 2 | REFRIGERATOR, SHORTY(1NEW TRUE REFRIGERATION) | BY OWNER/KES Email 11.16.22 s |
| 105 | 2 | CHARBROILER,RADIANT(1NEW MoTakMBR4B | BY OWNER/KES Email 11.16.22 s |
| 106 | 2 | 6 BURNER RANGE, GAS (1NEW C36S-6B | BY OWNER/KES Email 11.16.22 s |
| 107 | 2 | SALAMANDER BROILER(1NEW WolfC363S-6B | BY OWNER/KES Email 11.16.22 s |
| 108A | 1 | PITCO MEGAFRYER, 4 DEEP FAT, GAS | BY OWNER Email 11.15.22 sp |
| 908 | 1 | GARLAND CLAM SHELL GRILL(11/15 email) | BY OWNER |
| 109 | 1 | REFRIGERATOR, SANDWICH/SALAD PREP | BY OWNER |
| 110 | 4 | SINK, HAND, WALL MOUNT | BY OWNER |
| 112 | 1 | HEATING CABINET | BY OWNER |
| 201 | 1 | BATTER CART | BY OWNER |
| 203 | 1 | NOT USED | |
| 205 | 1 | MIXER, COUNTER | BY OWNER |
| 210 | 2 | TABLE, WORK | BY OWNER |
| 909 | 1 | Marshall DZ55II-1S Conveyer belt oven | BY OWNER Email 11.16.22 sp |
| 301 | 1 | REFRIGERATOR, SANDWICH/SALAD PREP | BY OWNER |
| 302A | 1 | TABLE, HOT FOOD | BY OWNER |
| 302B | 1 | WARMER, FOOD OVERHEAD | BY OWNER |
| 303A | 1 | REFRIGERATOR, UNDERCOUNTER | BY OWNER |
| 303B | 1 | WARMER, FOOD OVERHEAD | BY OWNER |
| 304 | 1 | OVEN, MICROWAVE | BY OWNER |
| 304A | 1 | SHELF, MICROWAVE | BY OWNER |
| 305 | 1 | FREEZER, REACH-IN | BY OWNER |
| 310 | 1 | PASS-THRU SHELF, DOUBLE | BY OWNER |
| 403A | 1 | ICE MAKER | BY OWNER |
| 403B | 1 | BIN, ICE | BY OWNER |
| 501 | 1 | SINK, SCULLERY, 4 COMPARTMENTS | BY OWNER |
| 502 | 1 | DISHTABLE, STRAIGHT | BY OWNER |
| 503 | 1 | WAREWASHER, DOOR TYPE, HIGH TEMP | BY OWNER |
| 504 | 1 | DISHTABLE, STRAIGHT | BY OWNER |
| 601 | 1 | WALK-IN CLOOLER/FREEZER COMBO - ADAPT EX. TO SUIT NEW CONFIGURATION | |
| 602 | 1 | BEER COOLER - relocate door | BY OWNER |
| 604A | 2 | SHELVING, BEER KEGS | BY OWNER |
| 603-711 | 1 | SHELVING, WIRE | BY OWNER |
| 801 | 1 | HOOD | BY OWNER |
| 802 | 1 | CONDENSATE HOOD | BY OWNER |
| 804 | 1 | ANSUL FIRE PROTECTION SYSTEM | BY OWNER/KES |
| 900 | 1 | BAG AND BOX | BY OWNER |
| *901 | 1 | MOP SINK | BY GC |
| *902 | 1 | WATER HEATER | BY GC |
| *903 | 1 | H2O SOFTENER | BY GC |
| 904 | 1 | LAUNDRY RECEIVE/DUMP | BY OWNER |
| 905 | 1 | 104-SS - LOCKABLE STAINLESS STEEL LIQUOR/LAUNDRY CABINETS BY SECURALL | BY OWNER |
| 906 | 1 | 104-SS - LOCKABLE STAINLESS STEEL LIQUOR/LAUNDRY CABINETS BY SECURALL | BY OWNER |
| 907 | 2 | GLASS/COFFEE TOWER CUP STAND | BY OWNER |
| *908 | 2 | STAINLESS CAP TO LOW WALL | BY GC |
| B2 | 1 | UNDERBAR COMB. ICE BIN | BY OWNER |
| B3 | 1 | NOT USED | |
| B4 | 2 | UNDERBAR FILLERS & DRAINBOARDS | BY OWNER |
| B5 | 2 | UNDERBAR HANDSINK | BY OWNER |
| B6 | 2 | UNDERBAR SINK | BY OWNER |
| B7 | 1 | GLASSWASHER | BY OWNER |
| B9 | 1 | UNDERBAR COOLER - 60"X25" | BY OWNER |

SPRINKLER ROOM

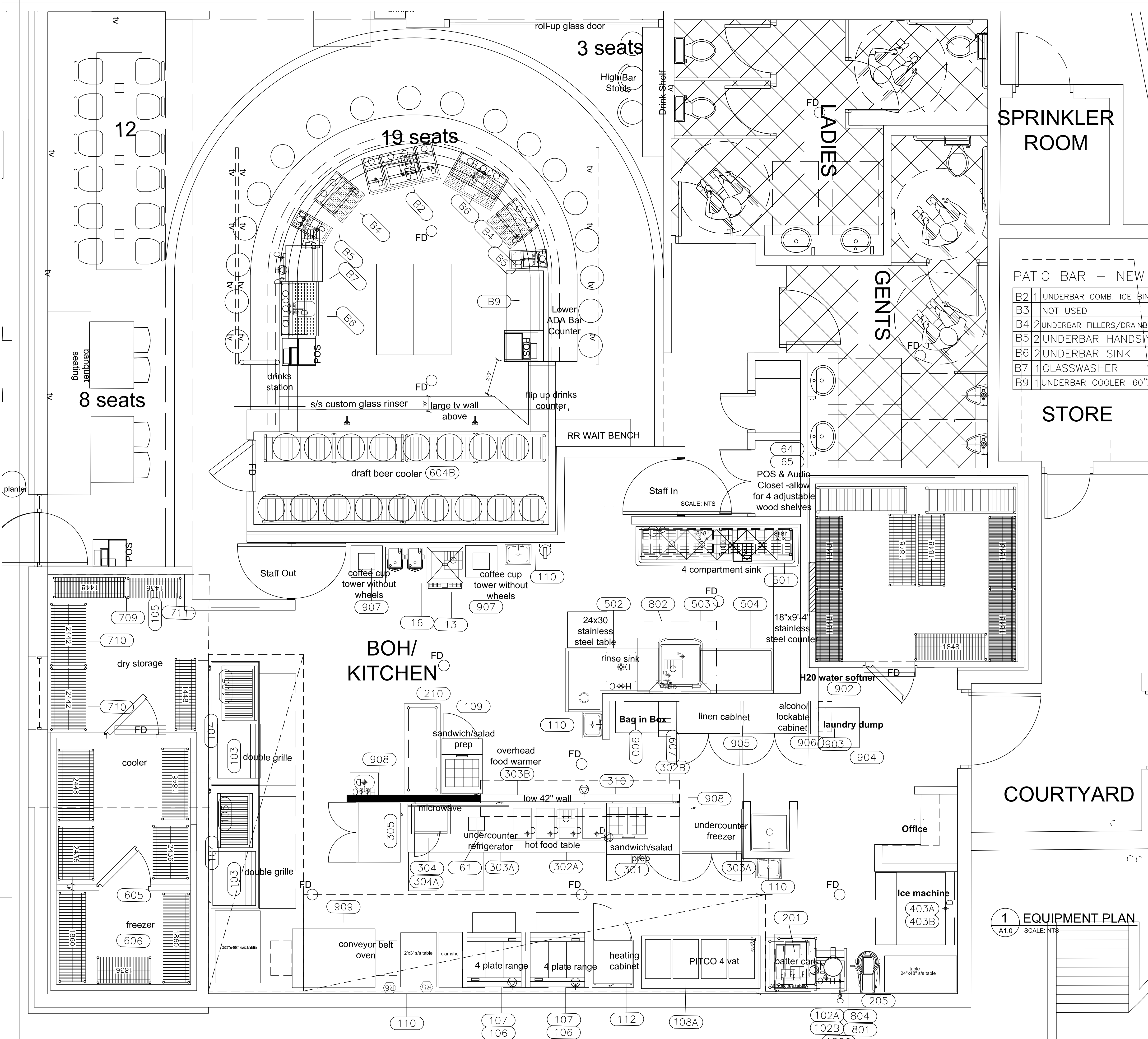
PATIO BAR - NEW EQ

| | | |
|----|---|------------------------------|
| B2 | 1 | UNDERBAR COMB. ICE BIN |
| B3 | 1 | NOT USED |
| B4 | 2 | UNDERBAR FILLERS/DRAINBOARDS |
| B5 | 2 | UNDERBAR HANDSINK |
| B6 | 2 | UNDERBAR SINK |
| B7 | 1 | GLASSWASHER |
| B9 | 1 | UNDERBAR COOLER-60"X25" |

STORE

COURTYARD

1 EQUIPMENT PLAN
A1.0 SCALE: NTS

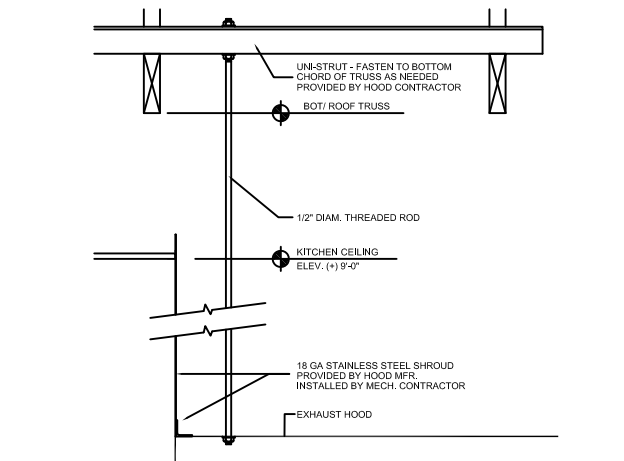
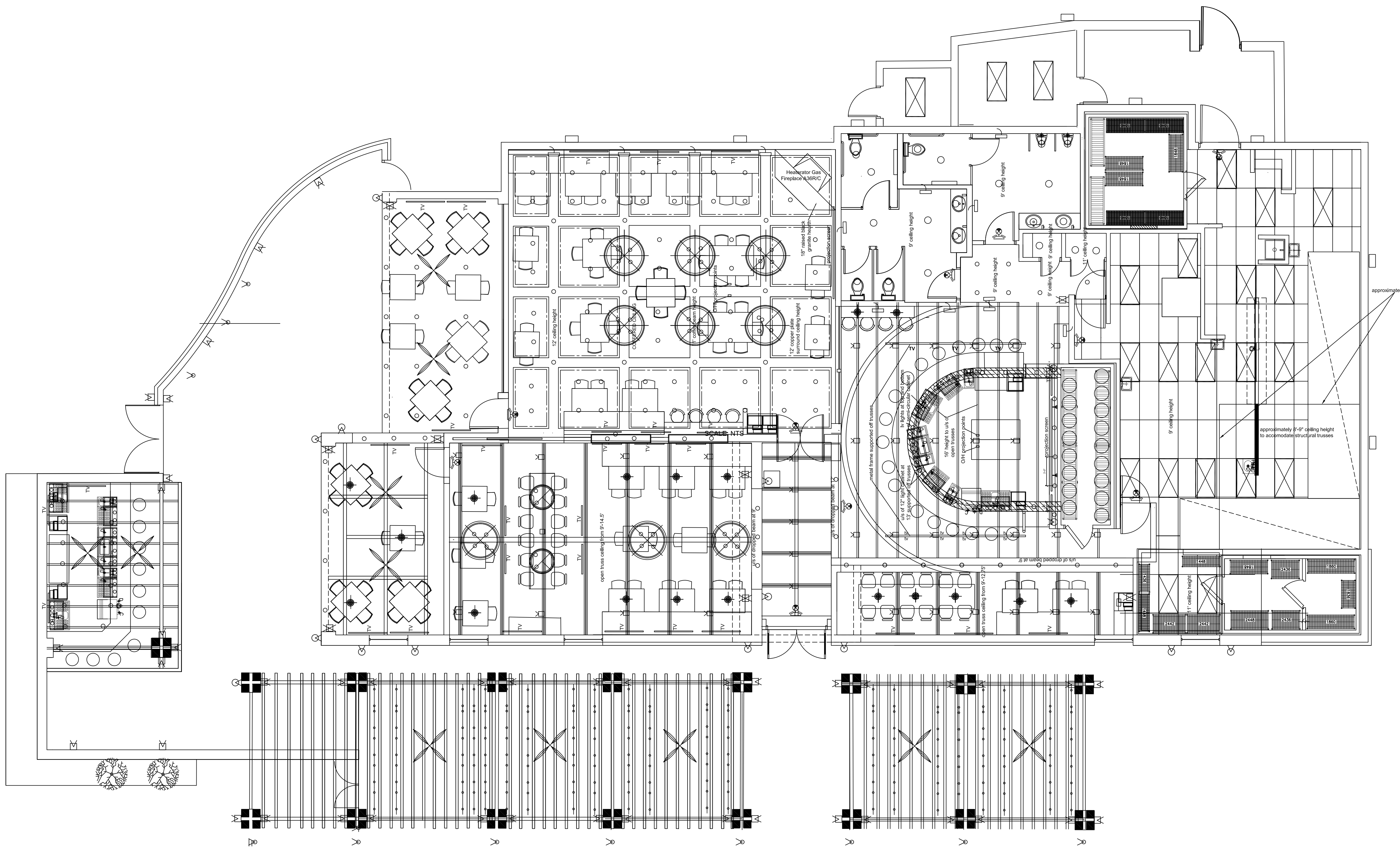


EQUIPMENT SCHEDULE

| ITEM# | QTY | EQUIPMENT CATEGORY | NOTES |
|---------|-----|---|-------------------------------|
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| 102C | 1 | FAUCET, POT FILLER, WALL MOUNT | BY OWNER |
| 103 | 2 | GRIDDLE,COUNTERTOP(1NEW VulcanVCR48 | BY OWNER/KES Email 11.16.22 s |
| 104 | 2 | REFRIGERATOR, SHORTY(1NEW TRUE REFRIGERATION) | BY OWNER/KES Email 11.16.22 s |
| 105 | 2 | CHARBROILER,RADIANT(1NEW MoTakMBR4B | BY OWNER/KES Email 11.16.22 s |
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| 110 | 4 | SINK, HAND, WALL MOUNT | BY OWNER |
| 112 | 1 | HEATING CABINET | BY OWNER |
| 201 | 1 | BATTER CART | BY OWNER |
| 203 | 1 | NOT USED | |
| 205 | 1 | MIXER, COUNTER | BY OWNER |
| 210 | 2 | TABLE, WORK | BY OWNER |
| 909 | 1 | Marshall DZ55II-1S Conveyer belt oven | BY OWNER Email 11.16.22 sp |
| 301 | 1 | REFRIGERATOR, SANDWICH/SALAD PREP | BY OWNER |
| 302A | 1 | TABLE, HOT FOOD | BY OWNER |
| 302B | 1 | WARMER, FOOD OVERHEAD | BY OWNER |
| 303A | 1 | REFRIGERATOR, UNDERCOUNTER | BY OWNER |
| 303B | 1 | WARMER, FOOD OVERHEAD | BY OWNER |
| 304 | 1 | OVEN, MICROWAVE | BY OWNER |
| 304A | 1 | SHELF, MICROWAVE | BY OWNER |
| 305 | 1 | FREEZER, REACH-IN | BY OWNER |
| 310 | 1 | PASS-THRU SHELF, DOUBLE | BY OWNER |
| 403A | 1 | ICE MAKER | BY OWNER |
| 403B | 1 | BIN, ICE | BY OWNER |
| 501 | 1 | SINK, SCULLERY, 4 COMPARTMENTS | BY OWNER |
| 502 | 1 | DISHTABLE, STRAIGHT | BY OWNER |
| 503 | 1 | WAREWASHER, DOOR TYPE, HIGH TEMP | BY OWNER |
| 504 | 1 | DISHTABLE, STRAIGHT | BY OWNER |
| 601 | 1 | WALK-IN CLOOLER/FREEZER COMBO - ADAPT EX. TO SUIT NEW CONFIGURATION | |
| 602 | 1 | BEER COOLER - relocate door | BY OWNER |
| 604A | 2 | SHELVING, BEER KEGS | BY OWNER |
| 603-711 | 1 | SHELVING, WIRE | BY OWNER |
| 801 | 1 | HOOD | BY OWNER |
| 802 | 1 | CONDENSATE HOOD | BY OWNER |
| 804 | 1 | ANSUL FIRE PROTECTION SYSTEM | BY OWNER/KES |
| 900 | 1 | BAG AND BOX | BY OWNER |
| *901 | 1 | MOP SINK | BY GC |
| *902 | 1 | WATER HEATER | BY GC |
| *903 | 1 | H2O SOFTENER | BY GC |
| 904 | 1 | LAUNDRY RECEIVE/DUMP | BY OWNER |
| 905 | 1 | 104-SS - LOCKABLE STAINLESS STEEL LIQUOR/LAUNDRY CABINETS BY SECURALL | BY OWNER |
| 906 | 1 | 104-SS - LOCKABLE STAINLESS STEEL LIQUOR/LAUNDRY CABINETS BY SECURALL | BY OWNER |
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| *908 | 2 | STAINLESS CAP TO LOW WALL | BY GC |
| B2 | 1 | UNDERBAR COMB. ICE BIN | BY OWNER |
| B3 | 1 | NOT USED | |
| B4 | 2 | UNDERBAR FILLERS & DRAINBOARDS | BY OWNER |
| B5 | 2 | UNDERBAR HANDSINK | BY OWNER |
| B6 | 2 | UNDERBAR SINK | BY OWNER |
| B7 | 1 | GLASSWASHER | BY OWNER |
| B9 | 1 | UNDERBAR COOLER - 60"X25" | BY OWNER |



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2 HANGAR DTL.
A2.2 SCALE: 1/8"=1'-0"

- approximately 3'-5" ceiling closer
- GAS LAMP 7'-0" AFF TO US OF LAMP
INTERNALLY. Gas Lamps supplied by owner.
External gas lamps to suit exterior elevations
- Lucca Iron Indoor/Outdoor Chandelier 50"
Pottery Barn. Dimmer. Height at 7'-0"
- LV FIXED RECESSED COPPER
DOWNLIGHTERS - WARM COLOR RANGE.
DIMMER.
LV UPLIGHTERS - WARM COLOR RANGE
DIMMER. FIXED ON TOP OF TRUSSES
- Roswood Metal Chandelier 31"
Pottery Barn. Dimmer. Ht at 6'-8"
- Rerrington Iron Round Chandelier,
Bronze 41.5" dia. - Pottery Barn
Dimmer. Height at 7'-0"
- 2x4 CEILING GRID LIGHTING
- 2x4 CEILING GYPSUM ACoustICAL TILE
 1. Size: 24 x 48 inches
 2. Thickness: 1/2 inches
 3. Surface Finish: Vinyl faced.
 4. Edge: Square.
- CAN CEILING LIGHT FIXTURE
- EXIT LIGHT/EMERGENCY EXIT LIGHT
- PAINTED GYP CEILING BOARD
FIXED TO US OF JOISTS TO RRS; MAIN
DINING ROOM; STORE & SPRINKLER RM
- OVERHEAD FAN
- ROPE LIGHT - WARM LUMENS
PARTY LIGHT FIXTURE- light bulb
every 48" housed under 4" beam to
comply with code
WALL SCONCE LIGHT FIXTURE
- DOWNWARD WALL SCONCE
LIGHT FIXTURE
- 2.5-3" BLACK PENDENT LIGHT
FIXTURE
- PICTURE LAMP LIGHT FIXTURE
6'-8" AFF TO US OF LAMP
- SECURITY LIGHT
- LANDSCAPE GROUND LIGHT

1 RCP PLAN
A2.2 SCALE: 1/8"=1'-0"

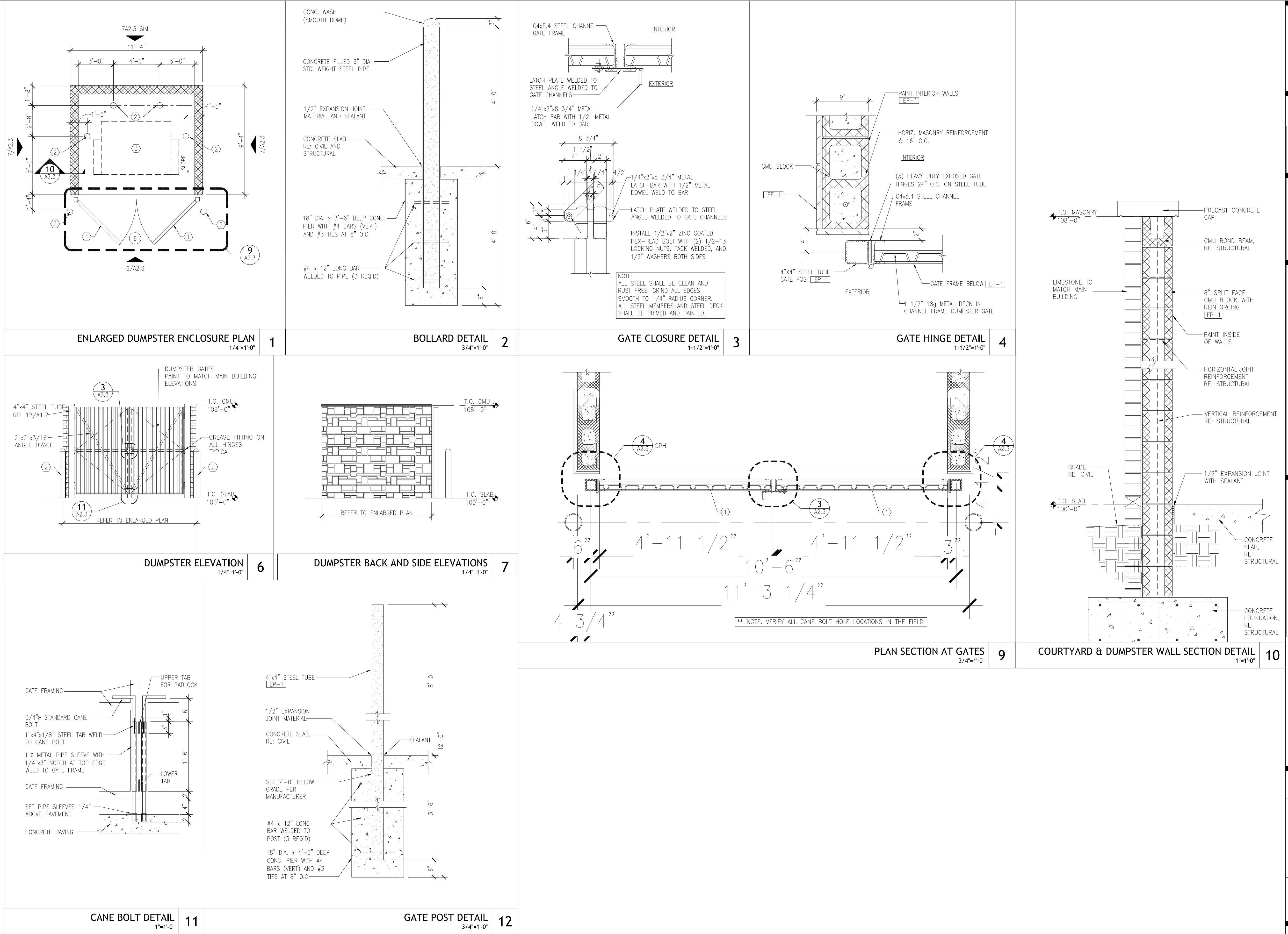
RCP PLAN

**231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas**

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |
| | | |

PROJECT NO.
05-05-22

SHEET NO.
A2.2



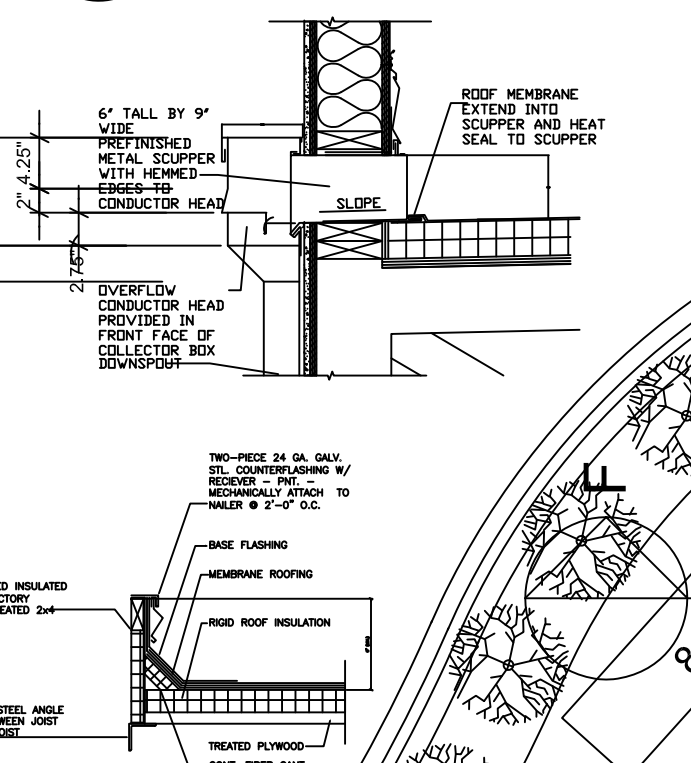
| DATE | DESCRIPTION | BY |
|------|-------------|----|
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| | | |
| | | |

ROOFING NOTES.

Ludowici's tile Straight Barrel Mission Clay 14-1/4" Mission Roof Tile per manufacturers specification
 All decks must be covered with a starter sheet of Ice and Water Shield underlayment per manufacturer's instructions.
 Plywood deck - use ring shank copper nails of the specified length to assure good penetration through underside of deck
 APA rated plywood is required for a minimum of 3/4" thick wood decking and must be rated for structural use as roof sheathing. The expansion crack between panels shall be at least 1/16" but no greater than 1/8". H-clips are to be used when rafters are spaced greater than 16" on center to hold the side joints of the plywood together between supports. Unsupported end joints must be blocked.

DURO-LAST MEMBRANE ROOFING.
 DURALAST ON BUILDING PAPER ON EXTERIOR SHEATHING. EXTEND OVER PARAPET THROUGHOUT CANT AND COUNTERFLASHING AS PER MANUF. SPEC REF. A7.0 DETAIL 19

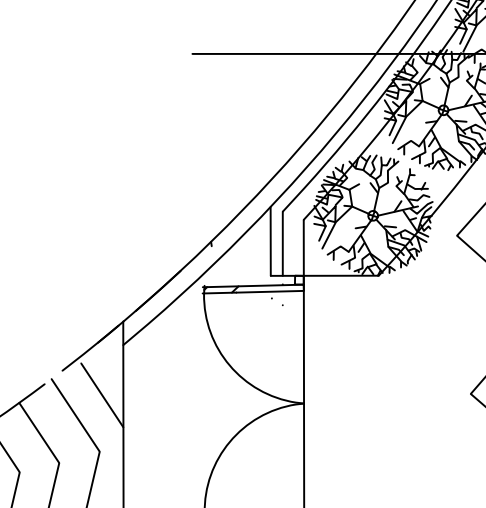
3 SCUPPER DETAILS
 SCALE: NTS



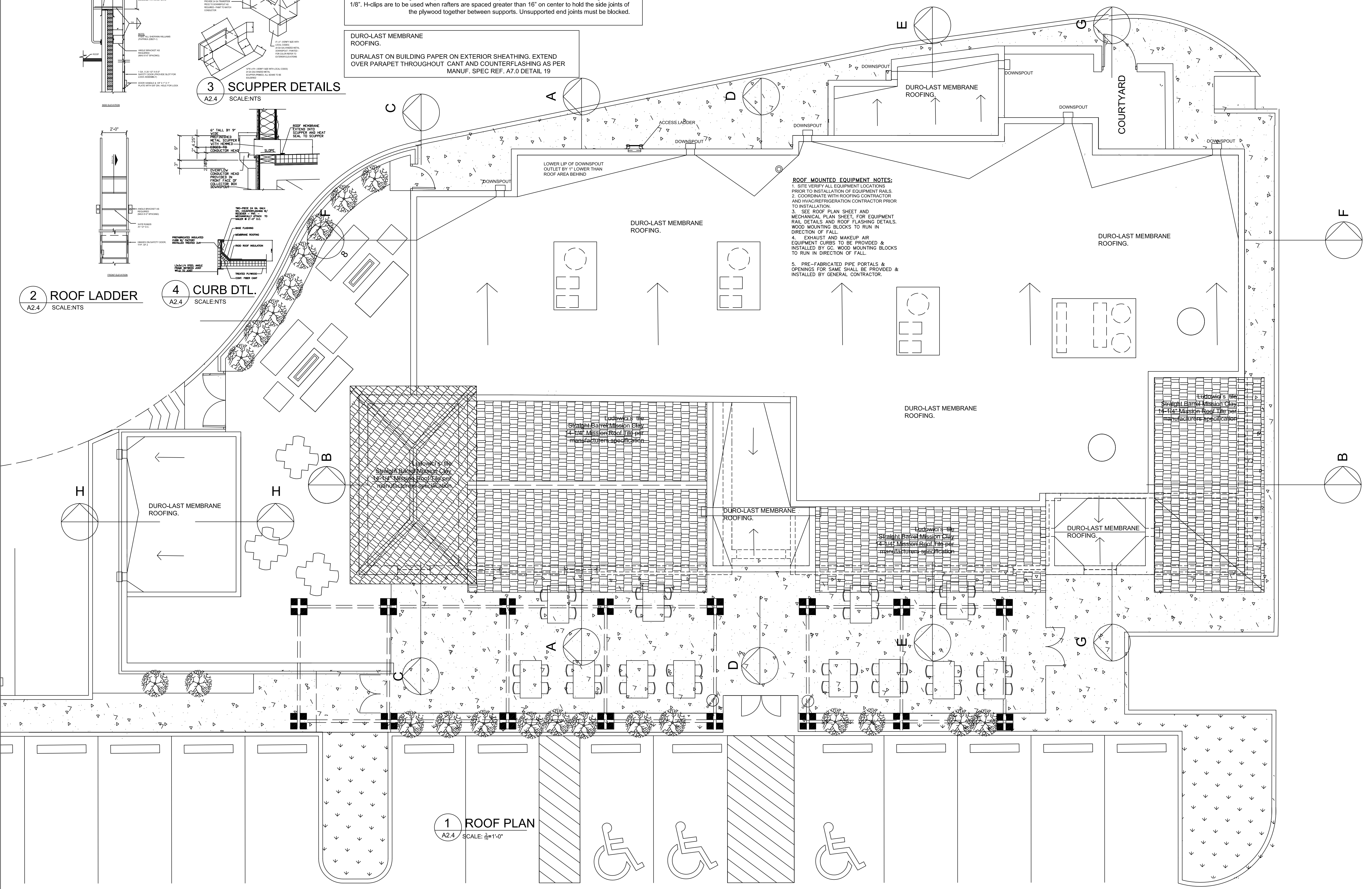
2 ROOF LADDER
 SCALE: NTS



4 CURB DTL.
 SCALE: NTS



ROOF MOUNTED EQUIPMENT NOTES:
 1. SITE VERIFY ALL EQUIPMENT LOCATIONS PRIOR TO INSTALLATION OF EQUIPMENT RAILS
 2. COORDINATE WITH ROOFING CONTRACTOR AND HVAC/REFRIGERATION CONTRACTOR PRIOR TO INSTALLATION
 3. SEE ROOF PLAN SHEET AND MECHANICAL PLAN SHEET, FOR EQUIPMENT RAIL DETAILS AND ROOF FLASHING DETAILS. WOOD MOUNTING BLOCKS TO RUN IN DIRECTION OF FALL
 4. EXHAUST AND MAKEUP AIR EQUIPMENT CURBS TO BE PROVIDED & INSTALLED BY GC. WOOD MOUNTING BLOCKS TO RUN IN DIRECTION OF FALL
 5. PRE-FABRICATED PIPE PORTALS & OPENINGS FOR SAME SHALL BE PROVIDED & INSTALLED BY GENERAL CONTRACTOR.



1 ROOF PLAN
 SCALE: 1/8"=1'-0"



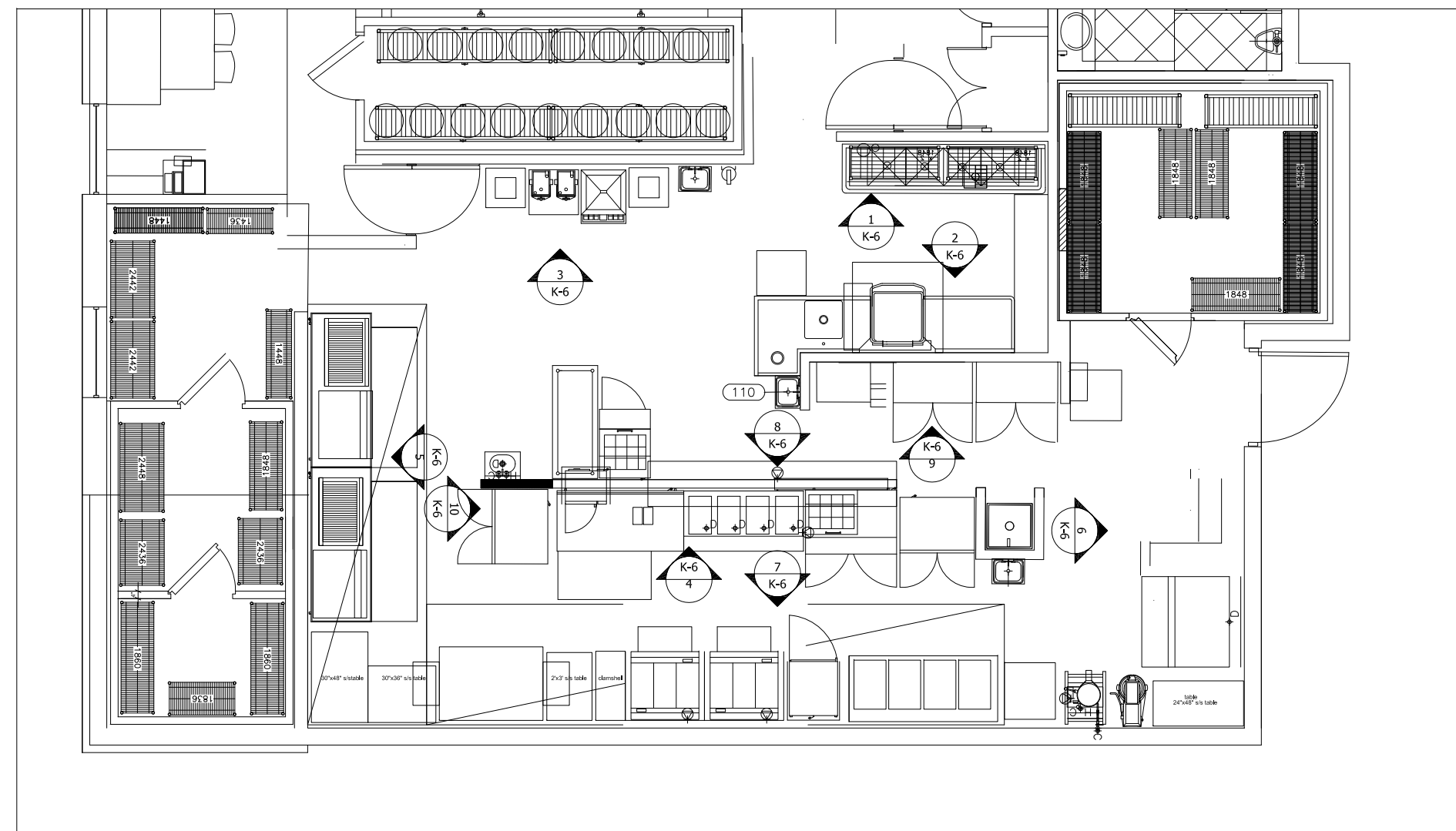
DRAWING COORDINATION
 Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications

ROOF PLAN
231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
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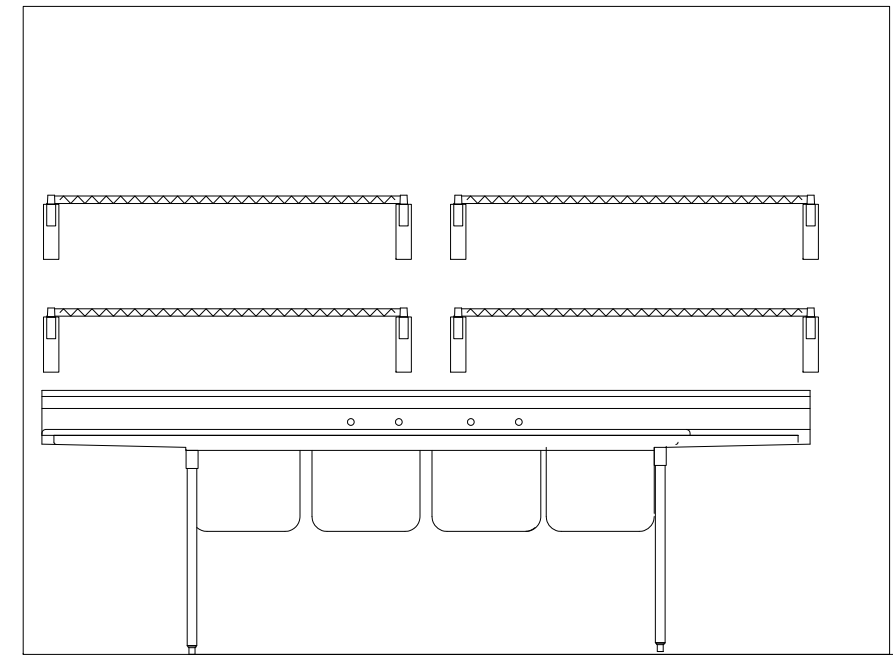
PROJECT NO.
 05-05-22

SHEET NO.
A2.4

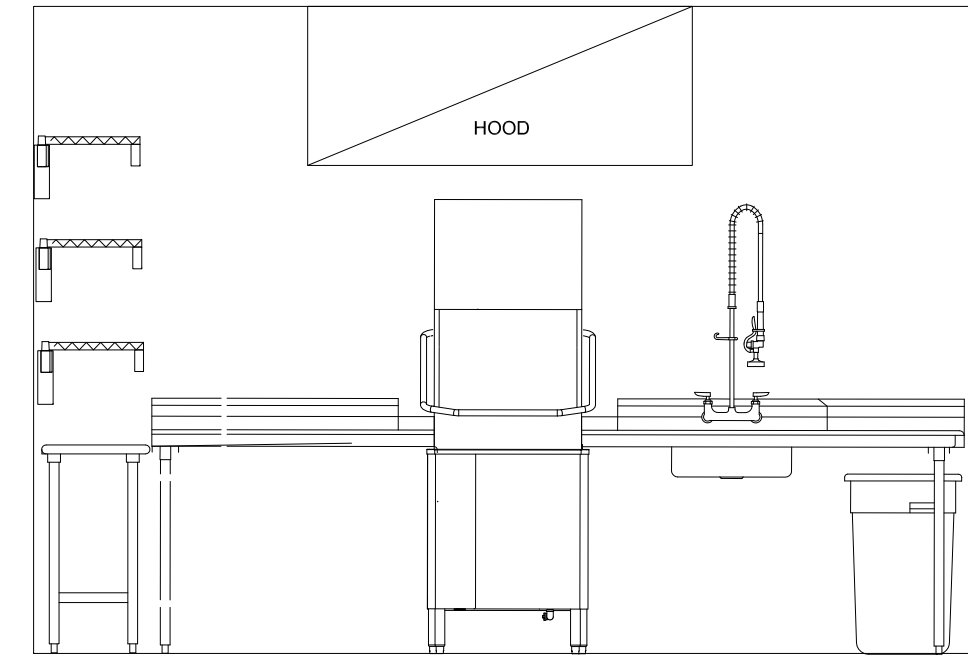


PLAN

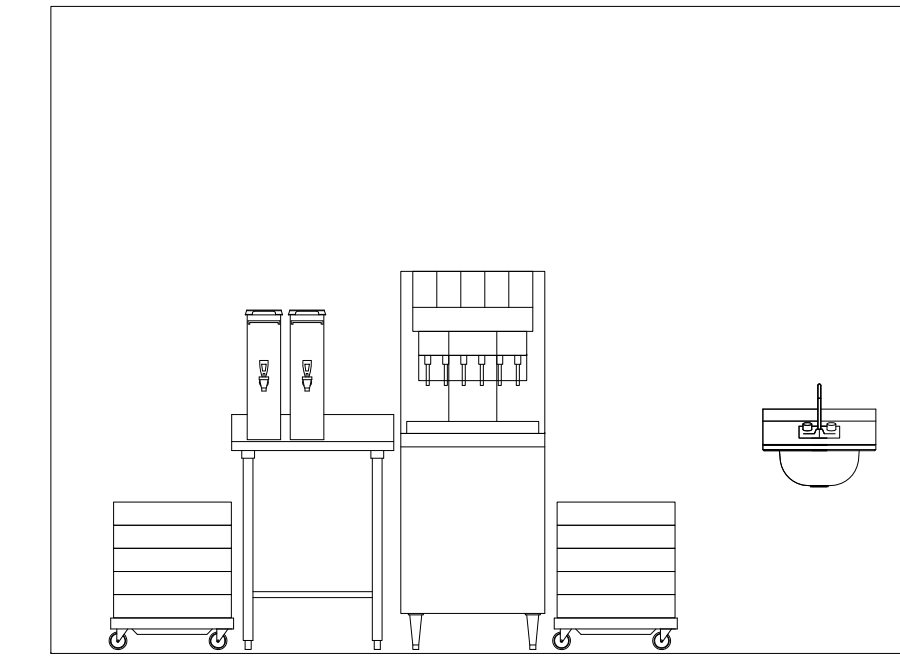
VPS SCALE



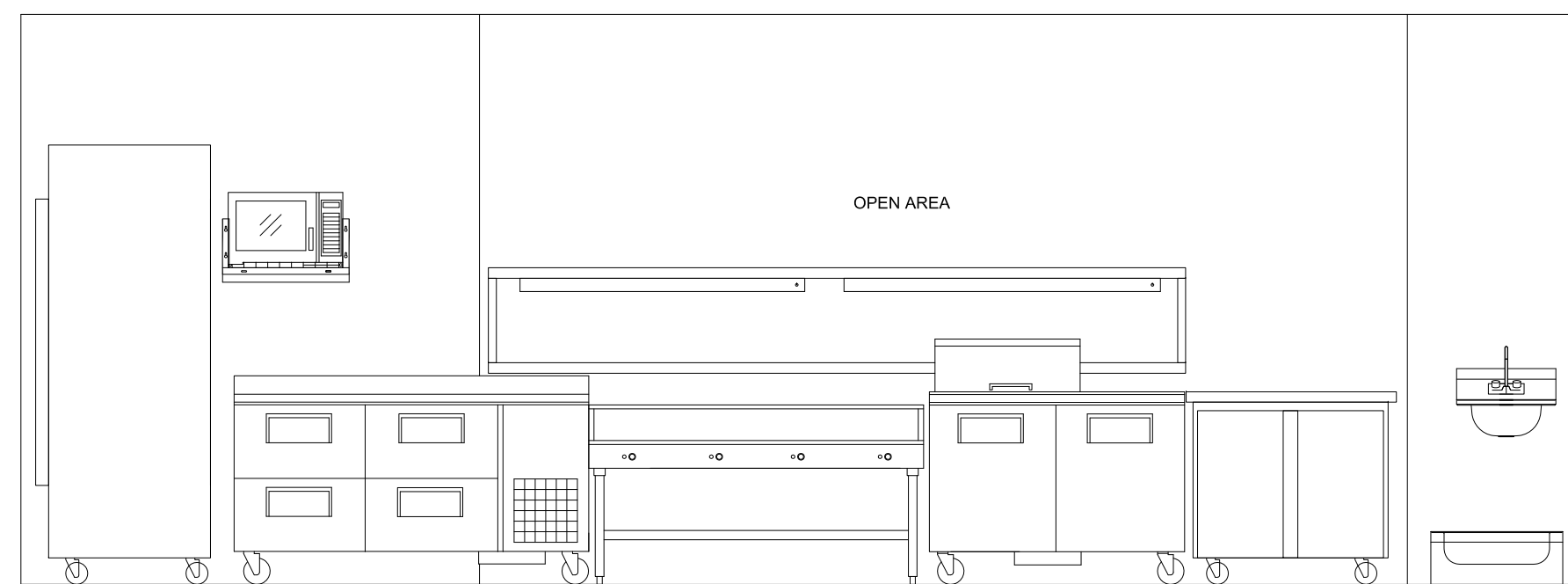
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Scale: 3/8" = 1'-0"



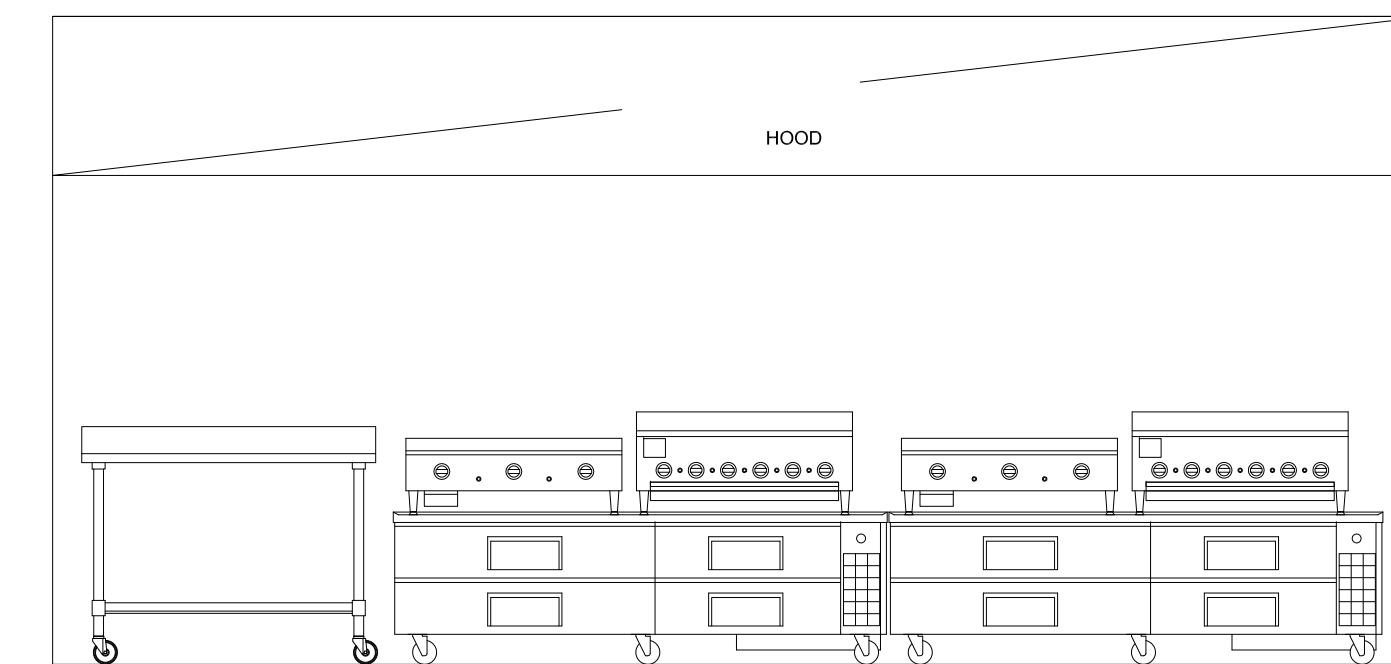
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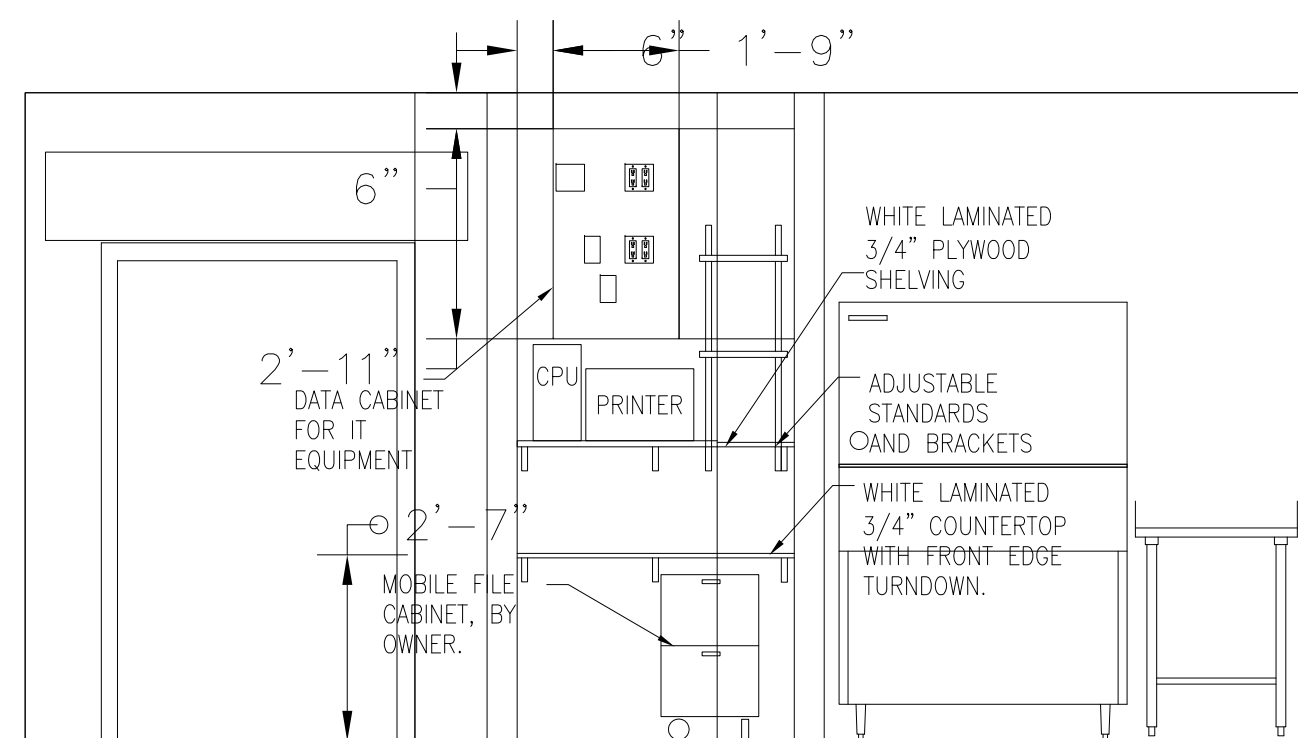
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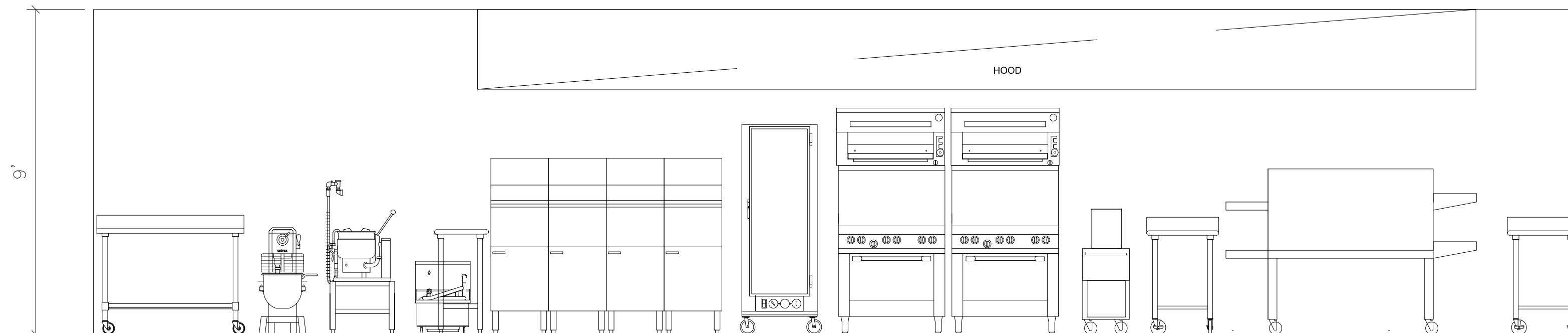
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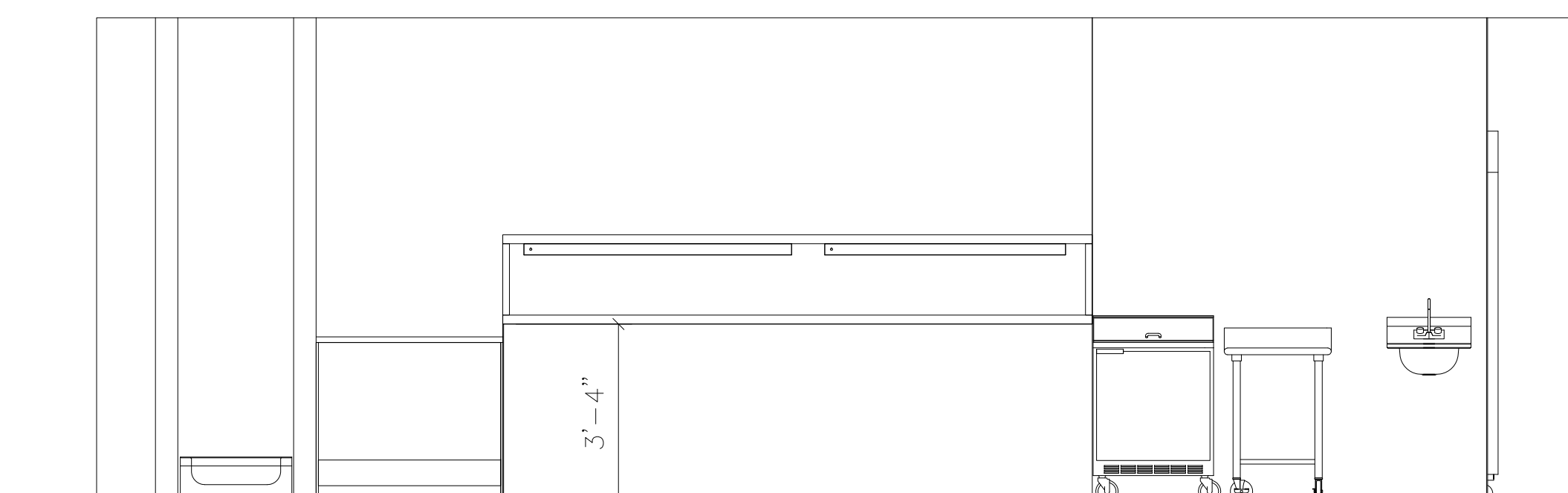
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Scale: 3/8" = 1'-0"



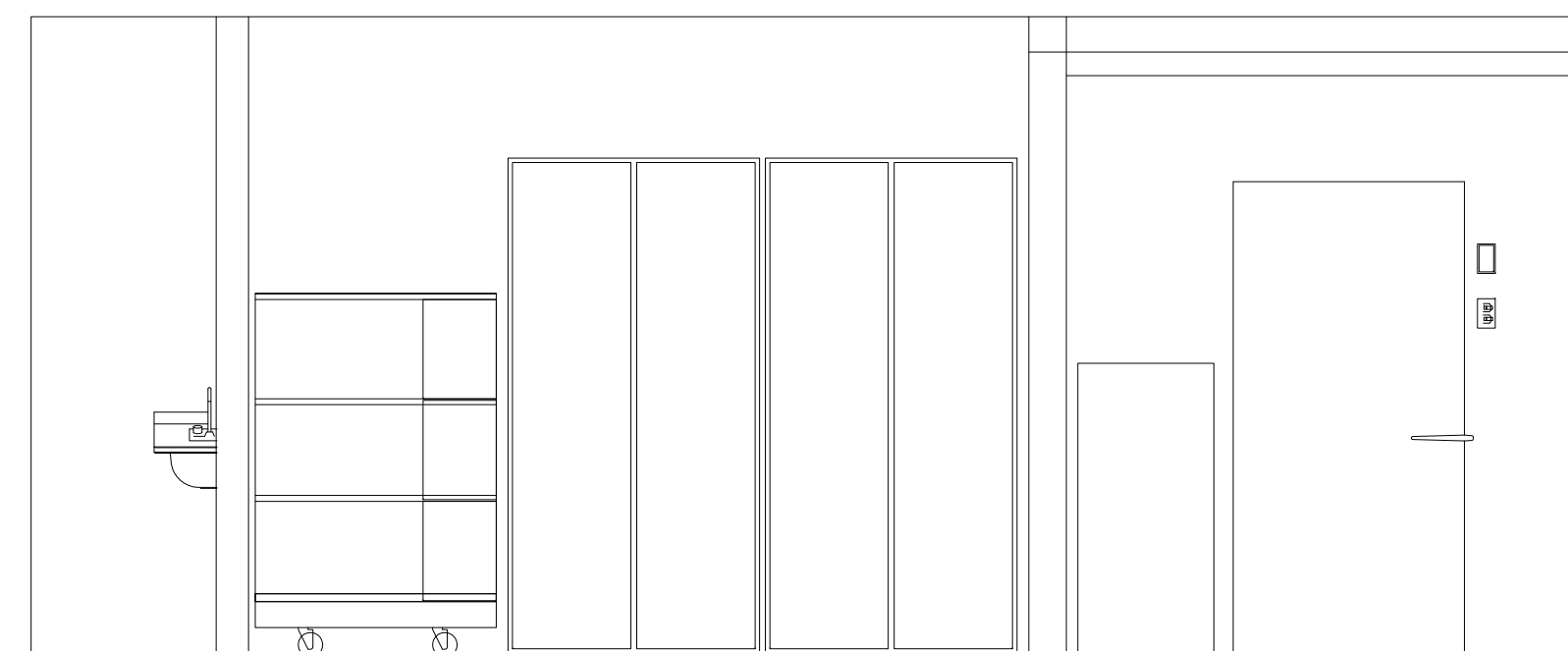
6 ELEVATION
Scale: 3/8" = 1'-0"



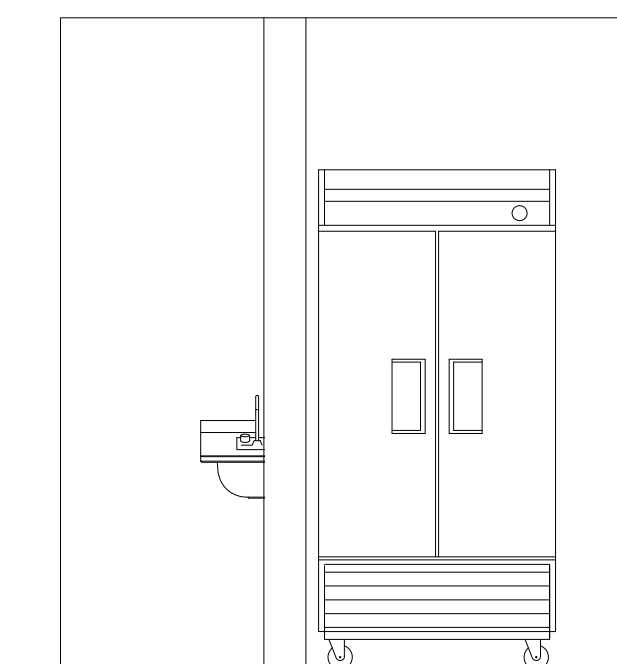
7 ELEVATION
Scale: 3/8" = 1'-0"



8 ELEVATION
Scale: 3/8" = 1'-0"



9 ELEVATION
Scale: 3/8" = 1'-0"



10 ELEVATION
Scale: 3/8" = 1'-0"



02.21.2023
DRAWING COORDINATION
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KITCHEN EQUIPMENT ELEVATIONS

231 10 WEST I-10
 LOT 3 Dominion Creek,
 San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
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PROJECT NO.
05-05-22

SHEET NO.

A2.5



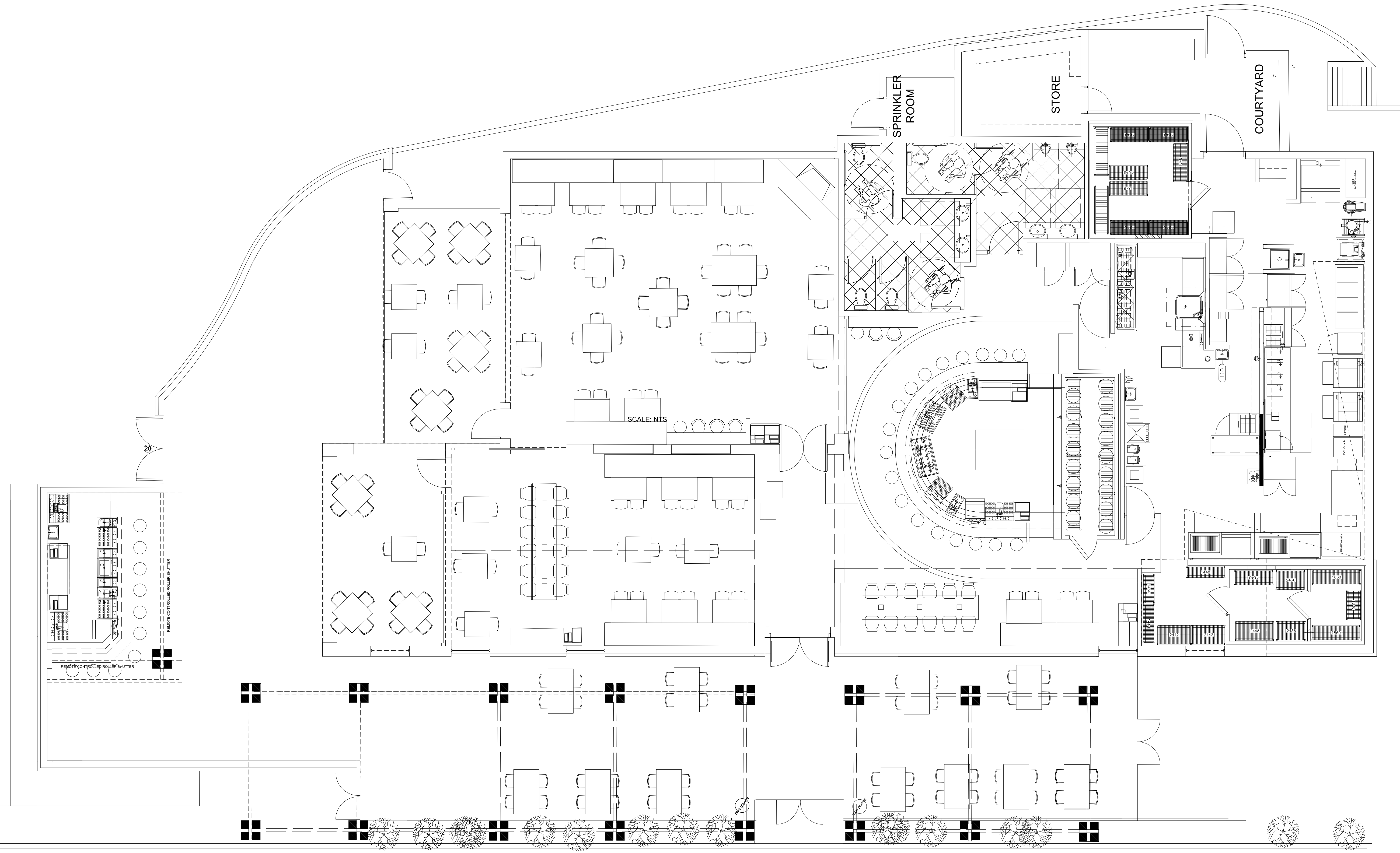
DRAWING COORDINATION
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Furnishing Plan
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
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PROJECT NO.
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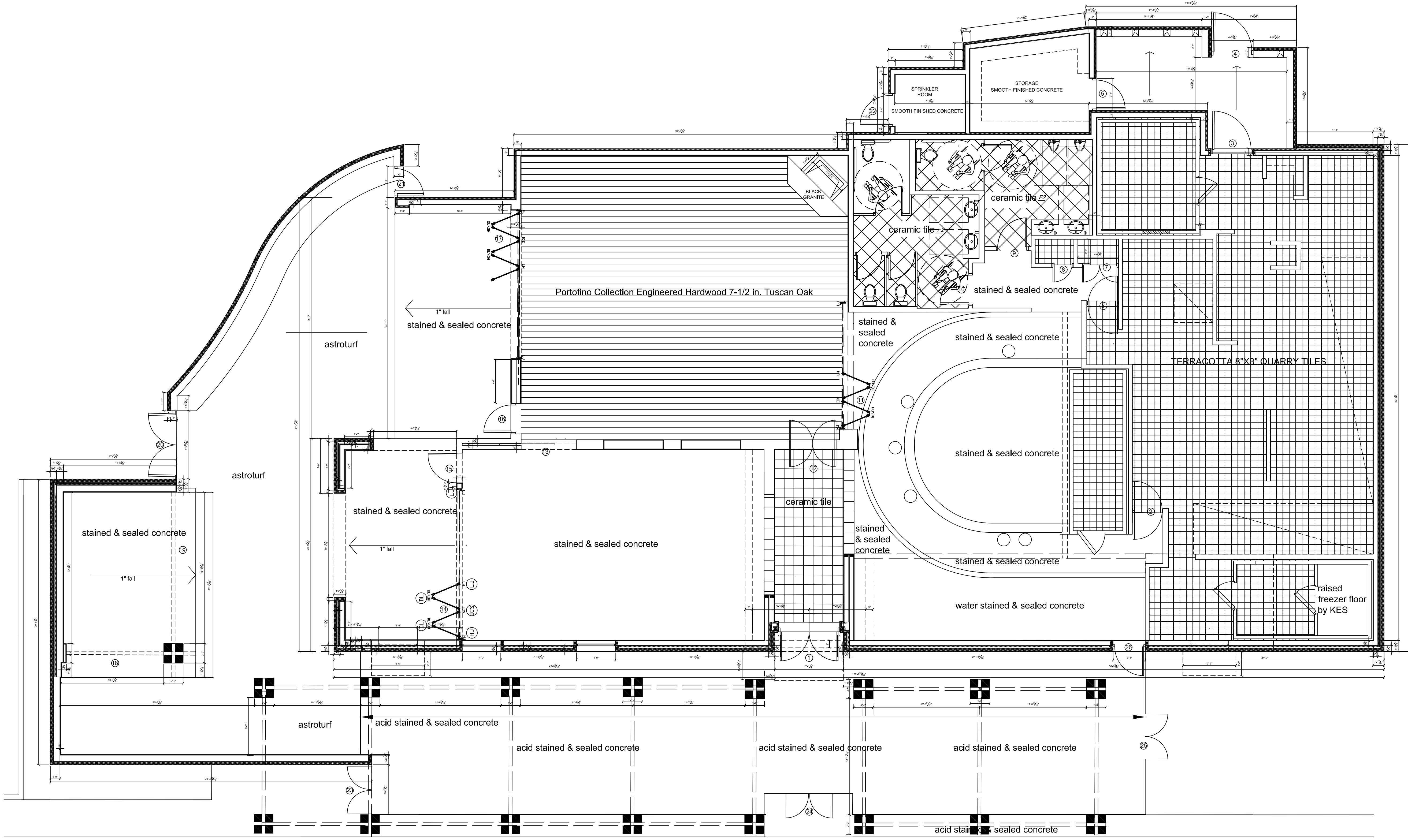
SHEET NO.
A2.6



1 Furniture Plan
 A2.6 SCALE: 3/8"=1'-0"



DRAWING COORDINATION
 Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications



- FLOOR FINISH LEGEND**
- TERRACOTTA 8"X8" QUARRY TILES
 - Portofino Collection Engineered Hardwood 7-1/2 in. Tuscan Oak
 - Floor & Decor**
 - BLACK AND WHITE BASKET WEAVE PORCELAIN MOSAIC
 - Mapei 27 Silver Ultracolor Plus FA Grout
SKU: 100831817
 - Silk Black Ceramic Tile is 13 x 13 with matte finish
 - Porcelain tiles - American Tile and Stone
Micron 12"x12" Grey
Laticrete 1/8" Spectralock grout as per manufacturer
Color - TBD

1 FLOOR FINISHES PLAN
 A2.7 SC: 1/8"=1"

FLOOR FINISHES LAYOUT
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

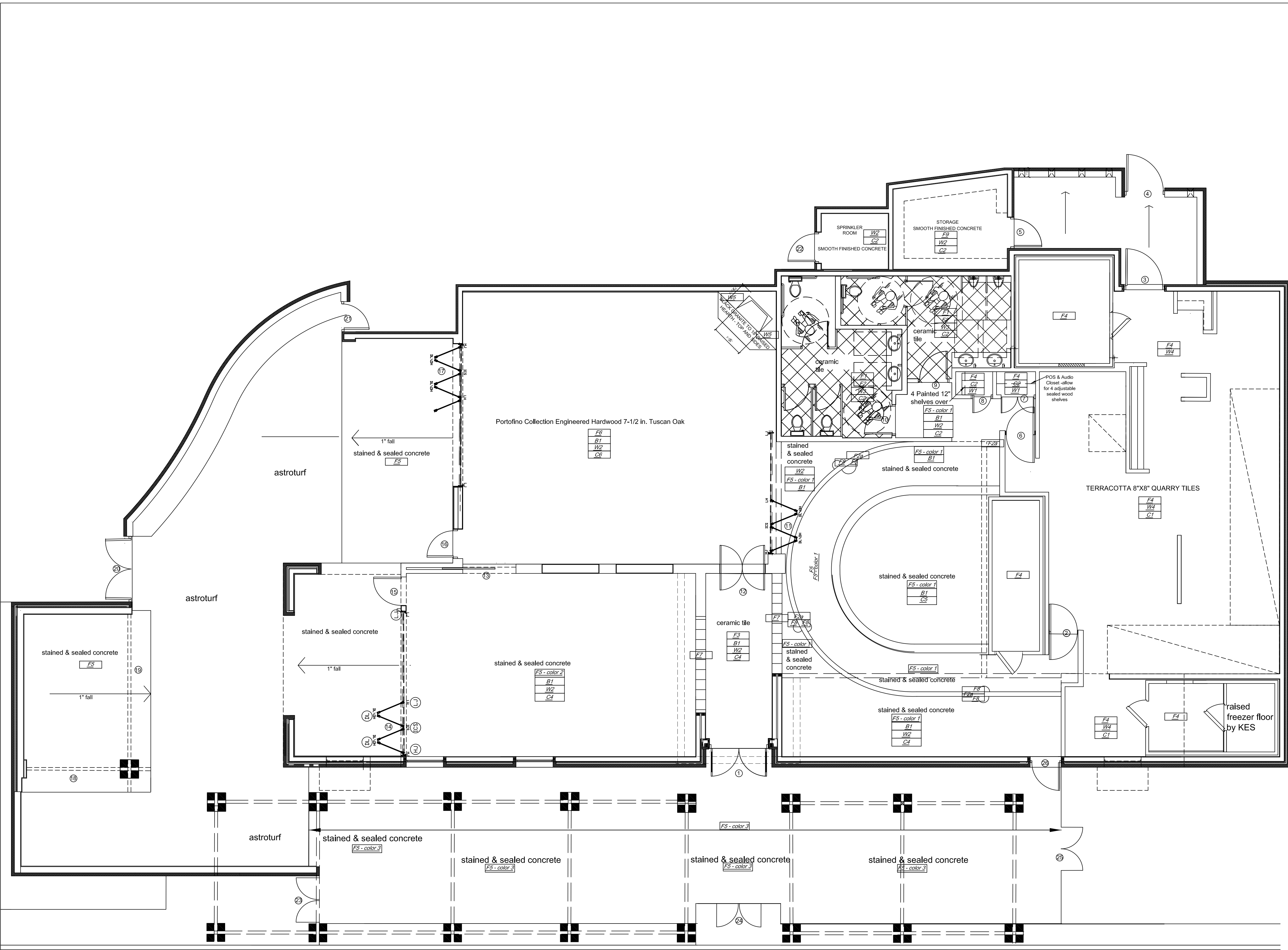
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DRAWING COORDINATION
 Architectural, Landscape, Civil,
 Structural, Mechanical and
 Electrical drawings are interrelated.
 General Contractor and all Sub
 Contractors shall review and
 coordinate the entire set of
 drawings and specifications



ROOM FINISH LEGEND

ROOM FINISH MATERIALS SCHEDULE

Furring, framing, and blocking shall be of non-combustible materials meeting codes.

| | |
|---|--|
| <p>FLOOR</p> <p>F1 Porcelain tile - American Tile and Stone Stonepeak, Parkland collection. 12"x24" Acrylic tile formal finish. 12"x24" Rosewood tile border and 6"x24" skirting tile. Laticrete 18" Spectracolor grout as per manufacturers spec. Color - TBD</p> <p>F2 Porcelain tile - American Tile and Stone Stonepeak, Parkland collection. 12"x24" Acrylic tile for general floor. 12"x24" Rosewood tile border and 6"x24" skirting tile. Laticrete 18" Spectracolor grout as per manufacturers spec. Color - TBD</p> <p>F2S Stained and sealed concrete - gray color stain</p> <p>F3 Porcelain black and white intricate tile pattern</p> <p>F4 Terracotta 8"x8" quarry tile & covered base from stained and sealed concrete - allow for 3 warranty color stains. Allow for two 10'x10' trade per color.</p> <p>F5 Portofino hardwood flooring installed by floating method with rubber mat base. Base and transition edges to be stained oak to match the flooring or as close as possible with all trim as required.</p> | <p>WALLS</p> <p>W1 Paint - Sherwin Williams (provide 3 sample colors 4"x4") One coat primer and 2 coats latex eggshell paint</p> <p>W2 Gd Stained and sealed birch veneer on subframe with KES42 trim and edge trim to suit. Ref. A6.07</p> <p>W3 Porcelain tile - American Tile and Stone Stonepeak, Parkland collection. 12"x24" Acrylic tile for general wall. 12"x24" Rosewood tile border and 6"x24" skirting tile. Laticrete 18" Spectracolor grout as per manufacturers spec. Color - TBD</p> <p>W4 MARLITE P-106 BEIGE WITH TRIM PEELSIE Finish</p> <p>W5 Brazos River dry stack by Capitol Products</p> |
| <p>CEILING All ceiling material to be class A</p> <p>C1 Mineral - Armstrong OEA - 4'x4' covered 2"x4" ceiling tile. White 916 metal grid to match</p> <p>C2 Gyproc ceiling. Paint - Sherwin Williams (provide 3 sample colors 4"x4") One coat primer and 2 coats latex eggshell paint</p> <p>C3 Exposed area - No ceiling. Apply decorative 'Mintie Blue' paint color and primer to joists of deck and prefab trusses as per manufacturers specifications.</p> <p>C4 Gd Stained and sealed birch veneer on subframe with KES42 trim and edge trim to suit. Ref. A6.10</p> <p>C5 Exposed HVAC Ducts and g/Bles - Kawneer Permaflor paint color as per manufacturers specification - TBD. Dust layout as per MEP</p> <p>C6 Gyproc ceiling ceiling. Paint - Sherwin Williams (provide 3 sample colors 4"x4") One coat primer and 2 coats latex eggshell paint. Copper sheet edge surround. Ref. A6.21</p> | |
| <p>BASE</p> <p>B1 All 222 Oak Stained and sealed OEA with Sherwin Williams Waterborne Polyurethane Satin Varnish. Allow for 3 stain color samples</p> | |
| <p>NOTE: SUPPLY AND INSTALL SEALED HARDWOOD TRANSITION STRIP BETWEEN STAINED AND SEALED FLOOR FINISH AND CERAMIC TILES.</p> | |
| <p>NOTE: 11"x2" Brass insert separator</p> <p>F9 TNE MEC Epoxy OEA</p> | |
| <p>LC lavatory counter Black Galaxy granite slab from Young Stone with chamfered edges and splash back</p> <p>EXTERIOR AWNINGS</p> | |

1 FLOOR FINISHES PLAN
 A2.7 SC: 1/8"=1'

ROOM FINISHES LAYOUT
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

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PROJECT NO.
05-05-22

SHEET NO.

A2.8

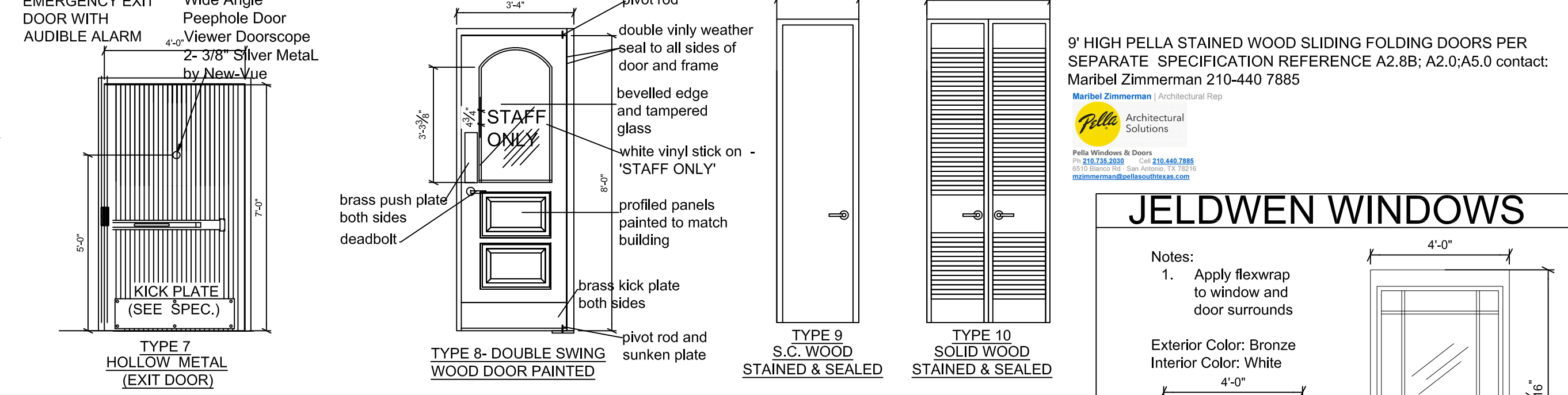
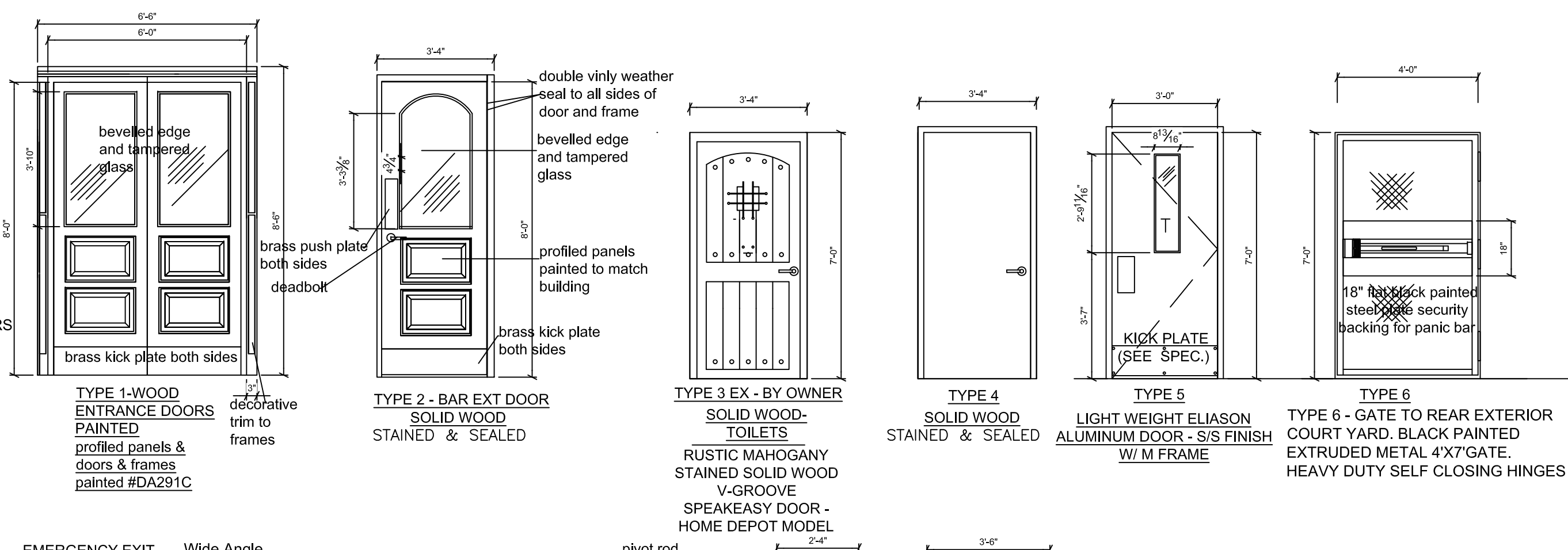
DOOR SCHEDULE

(SUR-LOCK OEA - 2000L PANIC BAR)

DOOR TYPES

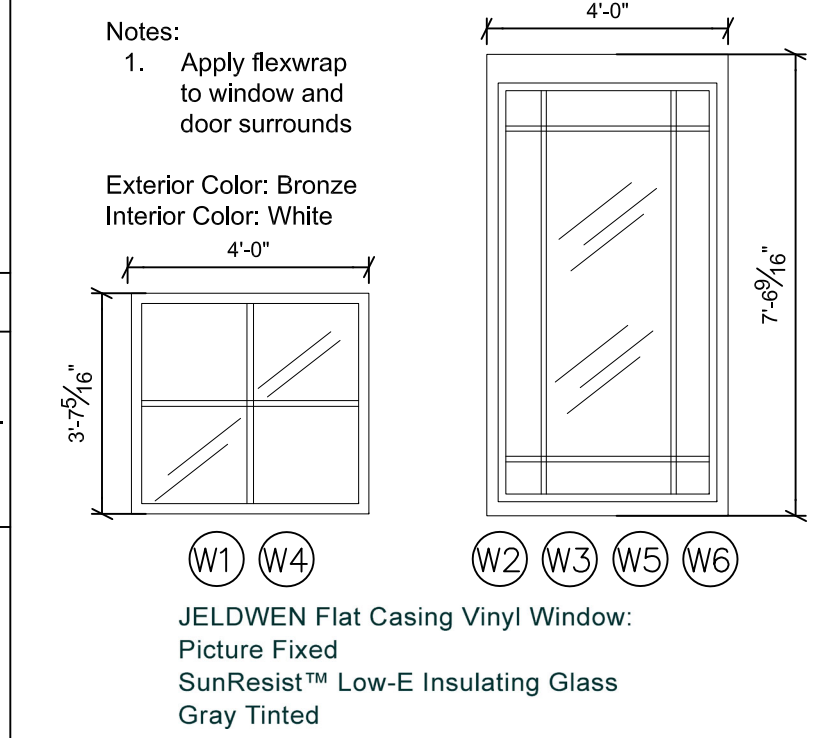
RESTROOM/ACCESSORY SCHEDULE

Table with columns: DOOR NUMBER, HARDWARE SET, DOOR TYPE, DOOR OPENING SIZE, DOOR THICKNESS, MATERIALS (DOOR, FRAME), GENERAL NOTES, and REMARKS. Lists 26 door specifications including materials like solid wood, aluminum, and stainless steel, and notes on hardware and finishes.



9' HIGH PELLA STAINED WOOD SLIDING FOLDING DOORS PER SEPARATE SPECIFICATION REFERENCE A2.8B; A2.0/A5.0 contact: Maribel Zimmerman 210-440 7885

JELDWEN WINDOWS



DOOR HARDWARE

Hardware specifications for door sets H-1 through H-5. H-1: Hollow Metal Security Door; H-2: Eliason LWP-3; H-3: 1500L Exit Device; H-4: 1500L Exit Device; H-5: 1500L Exit Device.

WINDOW NOTES

Interior Blinds (W1-W4), Window and Door Awning (W1-W6 & D1-D26), and automatic plug-in solar shades. Includes product names like HunterDouglas and SunResist.

Restroom/Accessory Schedule table with columns: MARK, DESCRIPTION, MFR / MODEL, FURN. INST., FINISH, and REMARKS. Lists items like grab bars, tissue dispensers, soap dispensers, and paper towels.

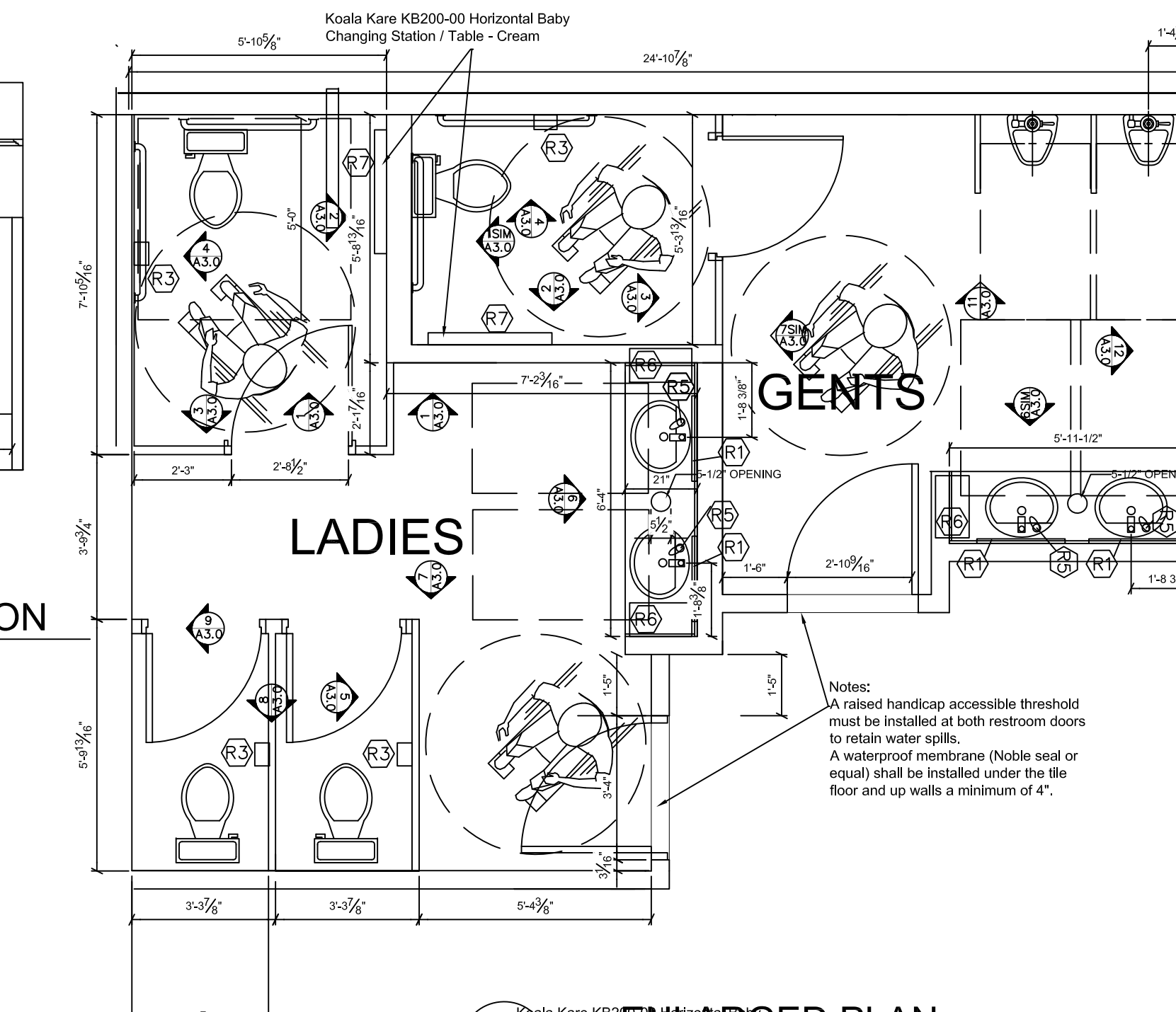
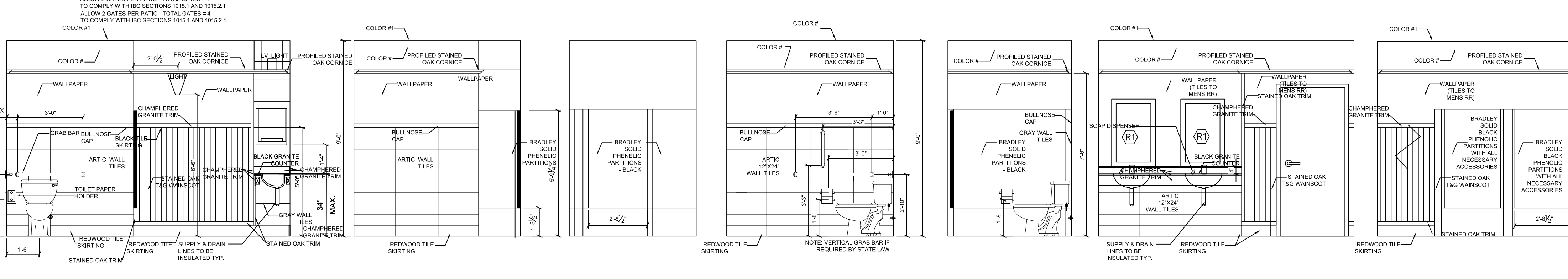
GENERAL NOTES

FIXTURE MOUNTING HEIGHT SCHEDULE

- 1. ALL CONSTRUCTION IS TO CONFORM TO LOCAL AND STATE BUILDING CODES...
2. ALL EXCLUSIONS AND CLARIFICATIONS SHOULD BE APPROVED IN WRITING...
3. G.C. TO PROVIDE & INSTALL THREE (3) FIRE EXTINGUISHERS...
4. G.C. IS RESPONSIBLE FOR PROPER LOCATION OF ALL REQUIRED NONWOOD WOOD & MISC. STEEL FRAMING...
5. ALL CONSTRUCTION, INSTALLATION, ETC. SHALL BE PER INDUSTRY AND MANUFACTURER'S STANDARDS.

Table listing fixture mounting heights for lavatories, water closets, toilets, tissue dispensers, soap dispensers, and mirrors. Includes measurements for adults and handicapped users.

RESTROOM SIGNAGE



1 INTERIOR ELEVATION

2 INTERIOR ELEVATION

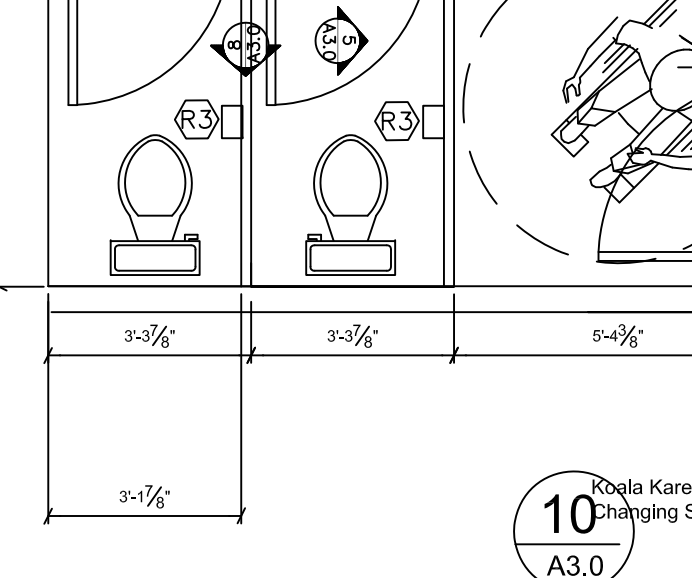
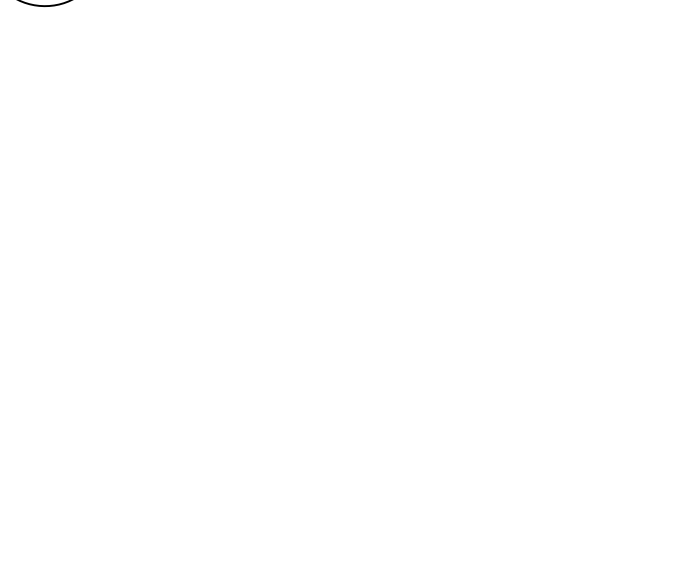
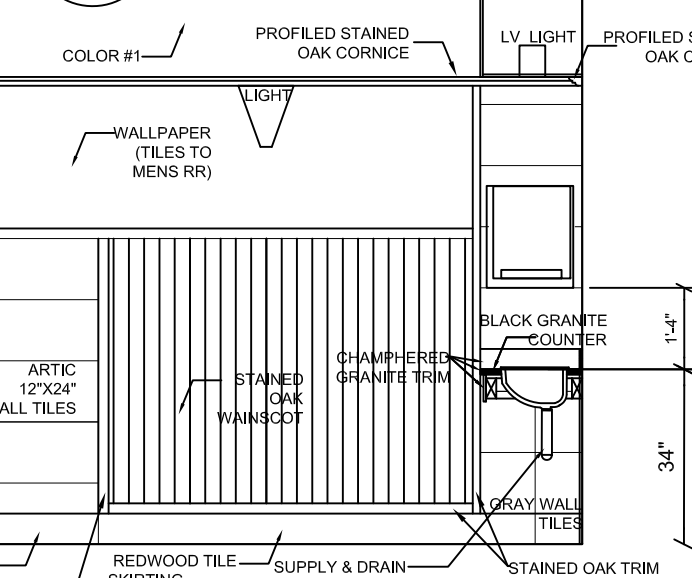
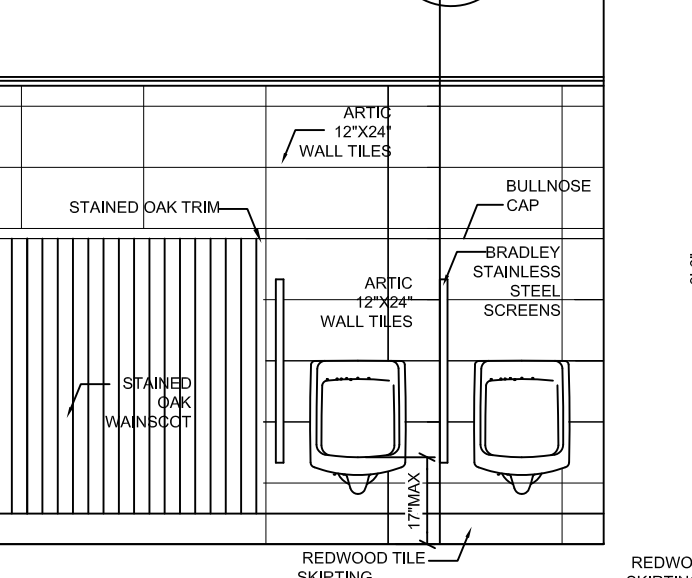
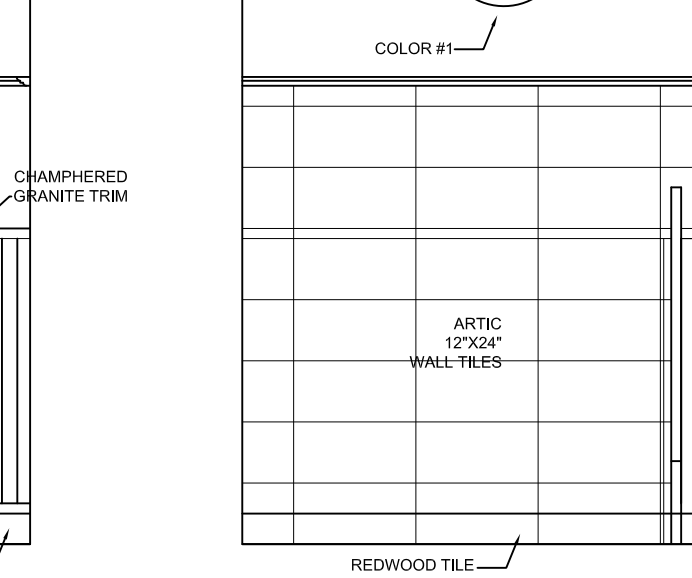
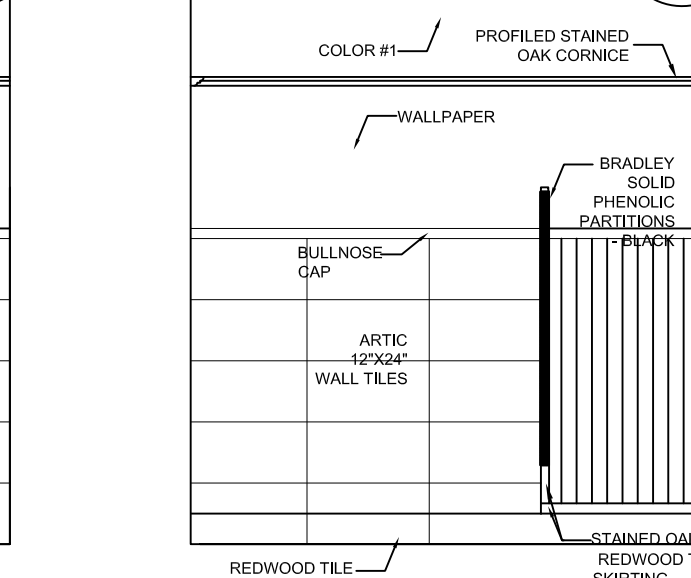
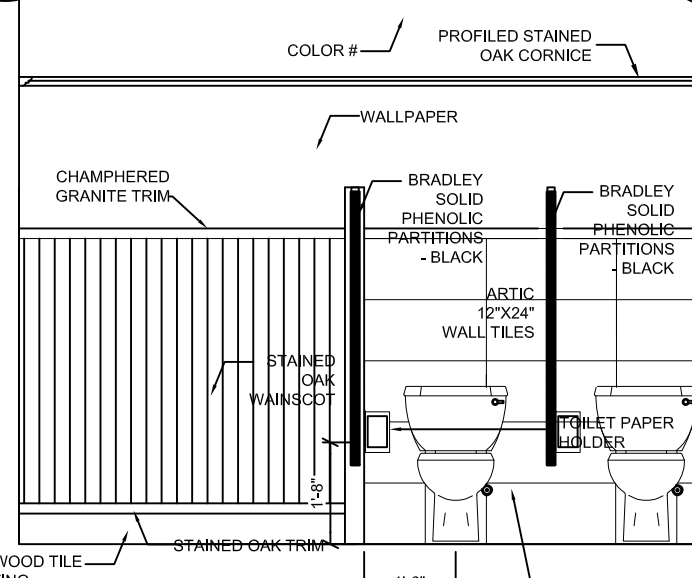
3 INTERIOR

4 INTERIOR ELEVATION

5 INTERIOR

6 INTERIOR ELEVATION

7 INTERIOR ELEVATION



8 INTERIOR ELEVATION

9 INTERIOR ELEVATION

11 INTERIOR ELEVATION

12 INTERIOR ELEVATION

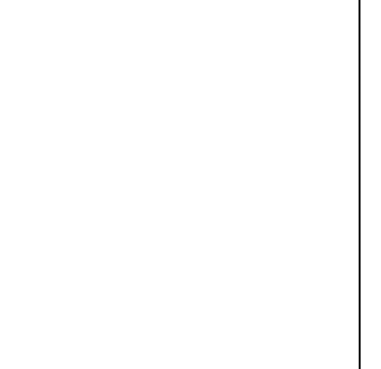


MLA MICHAEL LEGG ARCHITECTURE Michael Gregory Legg NCARB, AIA, RIBA, SCAAP 2016 High Timber Pass St San Antonio, Texas 78202 ph: 210-416-4935 michael@mlaarchitect.com www.mlaarchitect.com



DRAWING COORDINATION Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

RESTROOM SIGNAGE GRADE II 2" SYMBOL 1" COPY



ROOM FINISH & WINDOW SCHEDULE 23110 WEST I-10 LOT 3 Dominion Creek, San Antonio, 78257 Texas

BY DATE DESCRIPTION

Table for tracking drawing changes with columns: BY, DATE, DESCRIPTION.

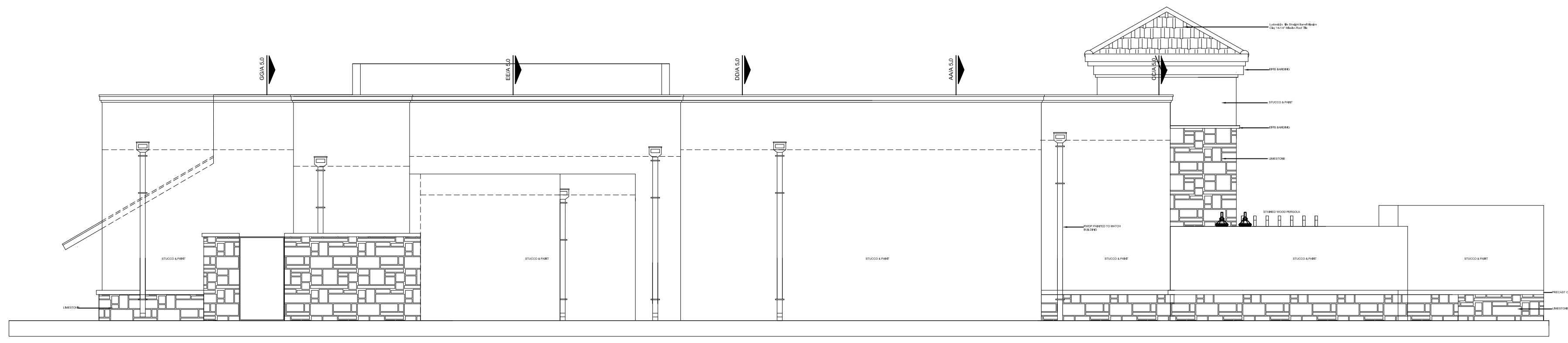
PROJECT NO. 05-05-22

SHEET NO.

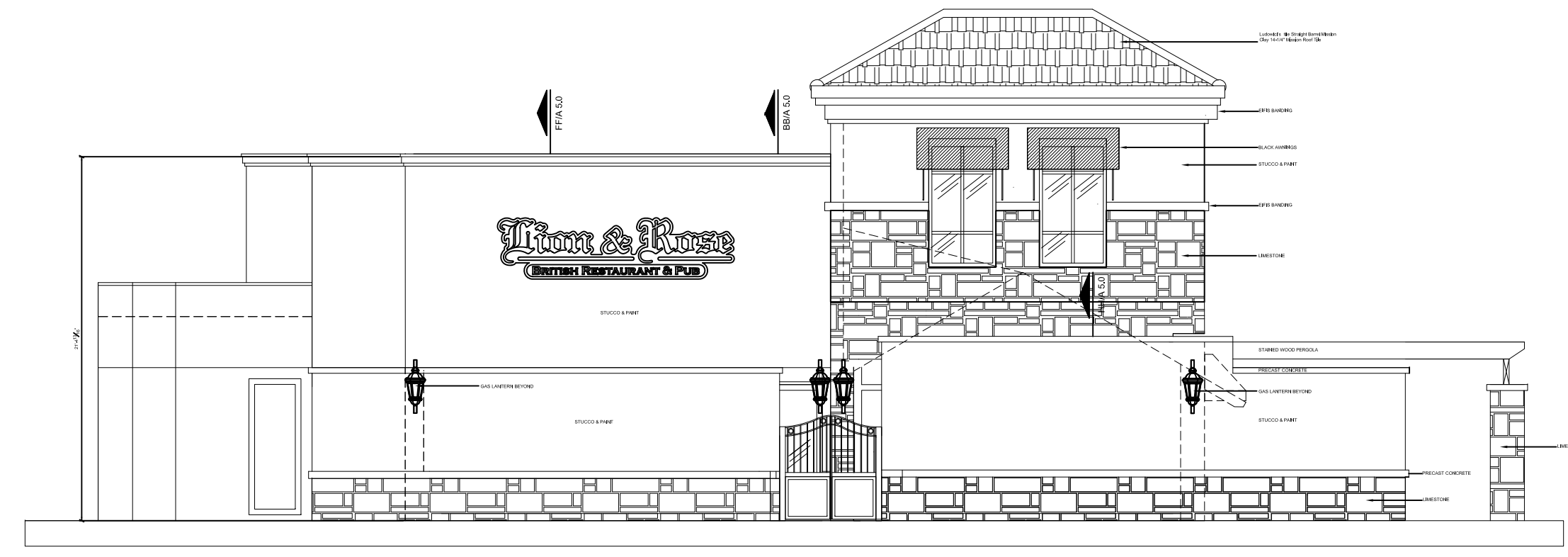
A3.0



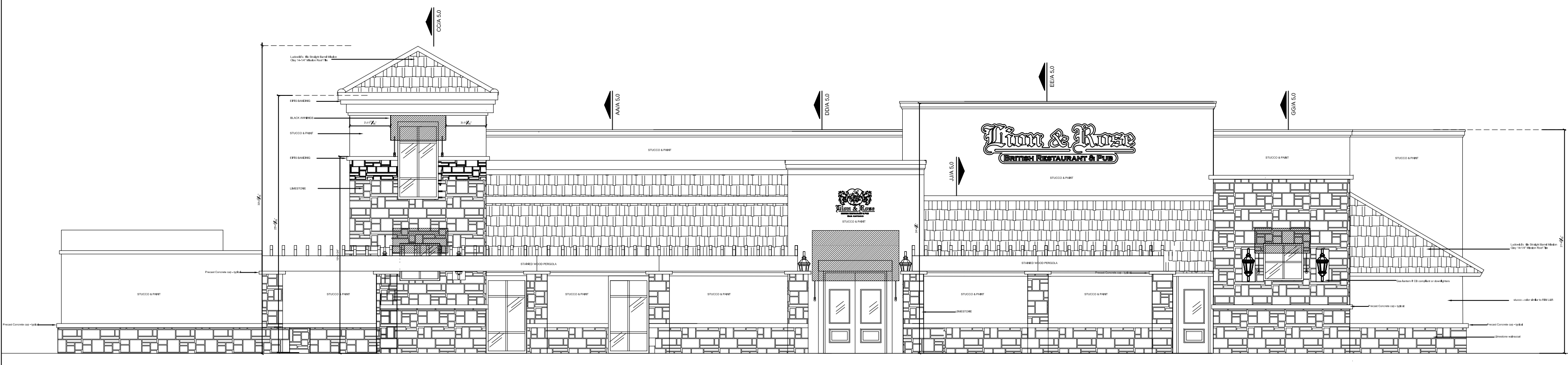
DRAWING COORDINATION
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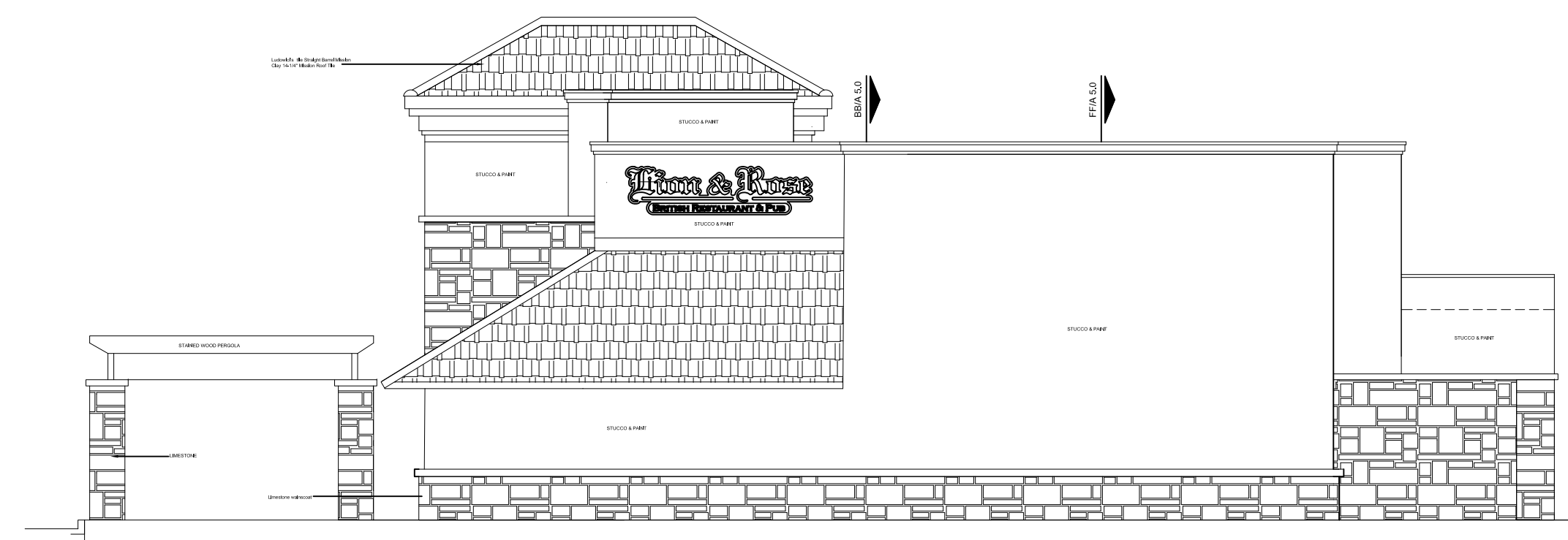
4 East Elevation
 A4.0 SCALE: 1/8"=1'-0"



3 North Elevation
 A4.0 SCALE: 1/8"=1'-0"



1 West Elevation
 A4.0 SCALE: 1/8"=1'-0"



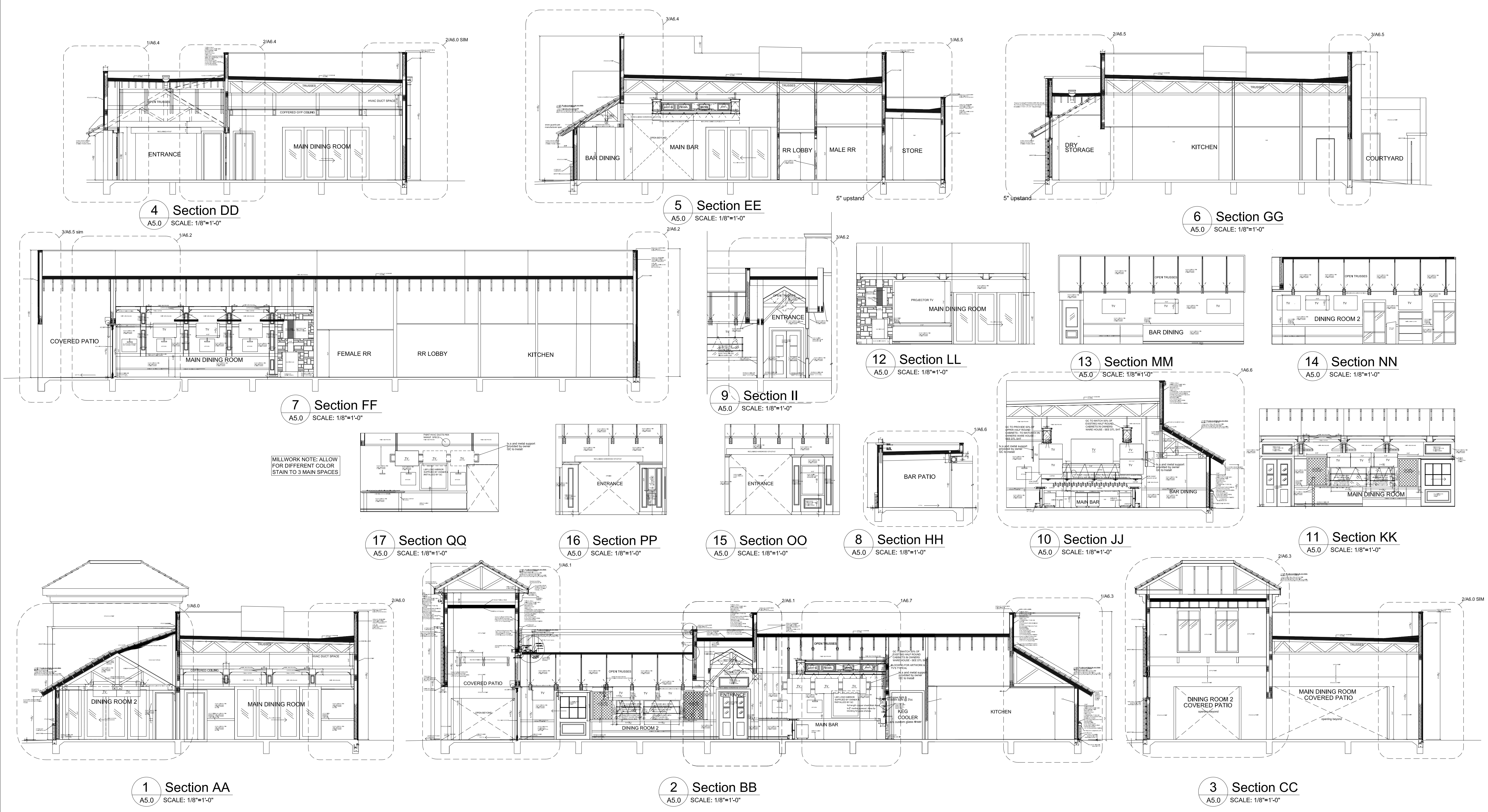
2 South Elevation
 A4.0 SCALE: 1/8"=1'-0"

Exterior Elevations
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
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PROJECT NO.
 05-05-22

SHEET NO.
A4.0



Building Sections & Interior Elevations

**23110 WEST I-10
 LOT 3 Dominion Creek,
 San Antonio, 78257 Texas**

| DATE | DESCRIPTION | BY |
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PROJECT NO.
05-05-22

SHEET NO.
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DRAWING COORDINATION
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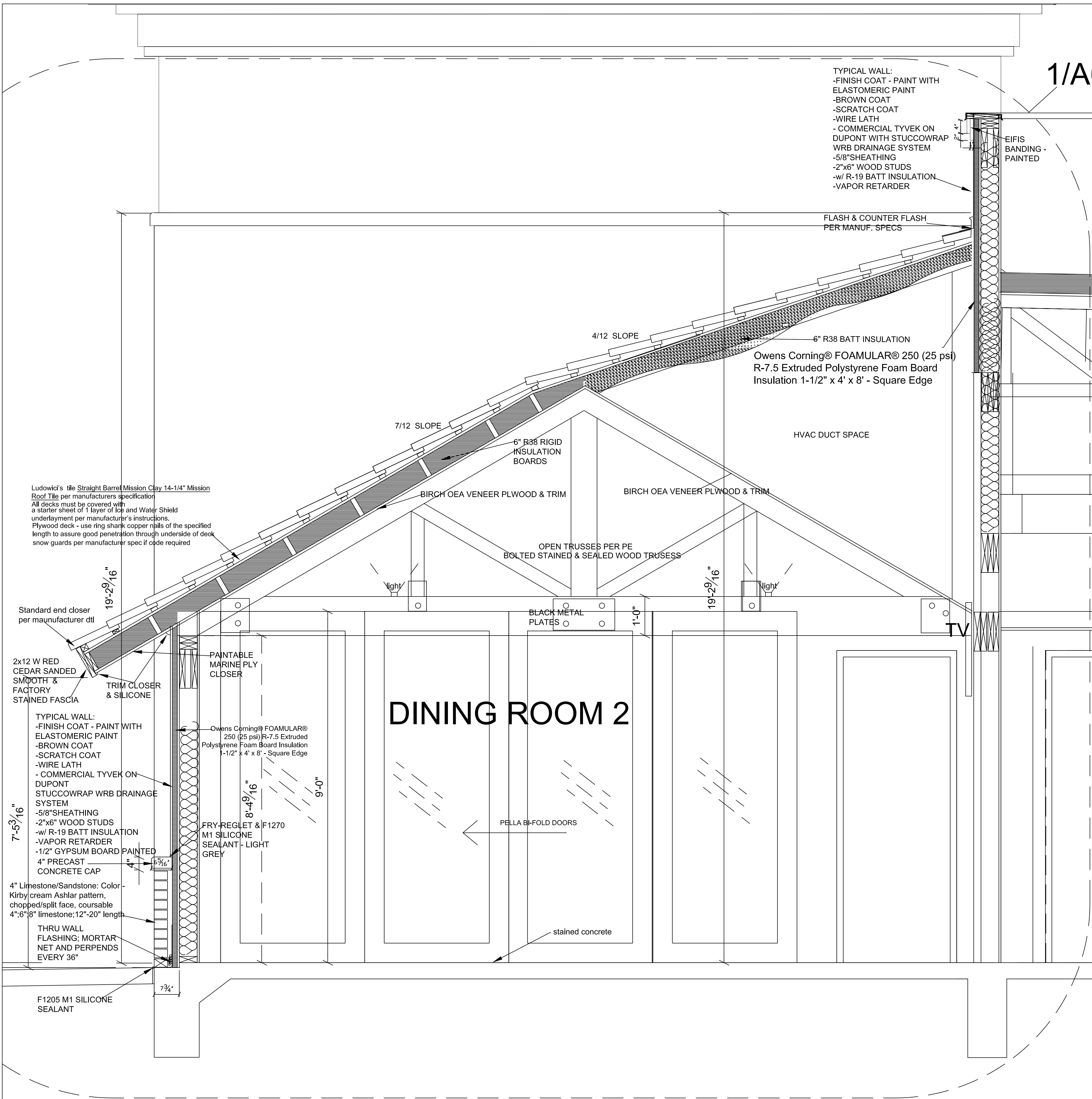
Wall Sections

**231 10 WEST I-10
 LOT 3 Dominion Creek,
 San Antonio, 78257 Texas**

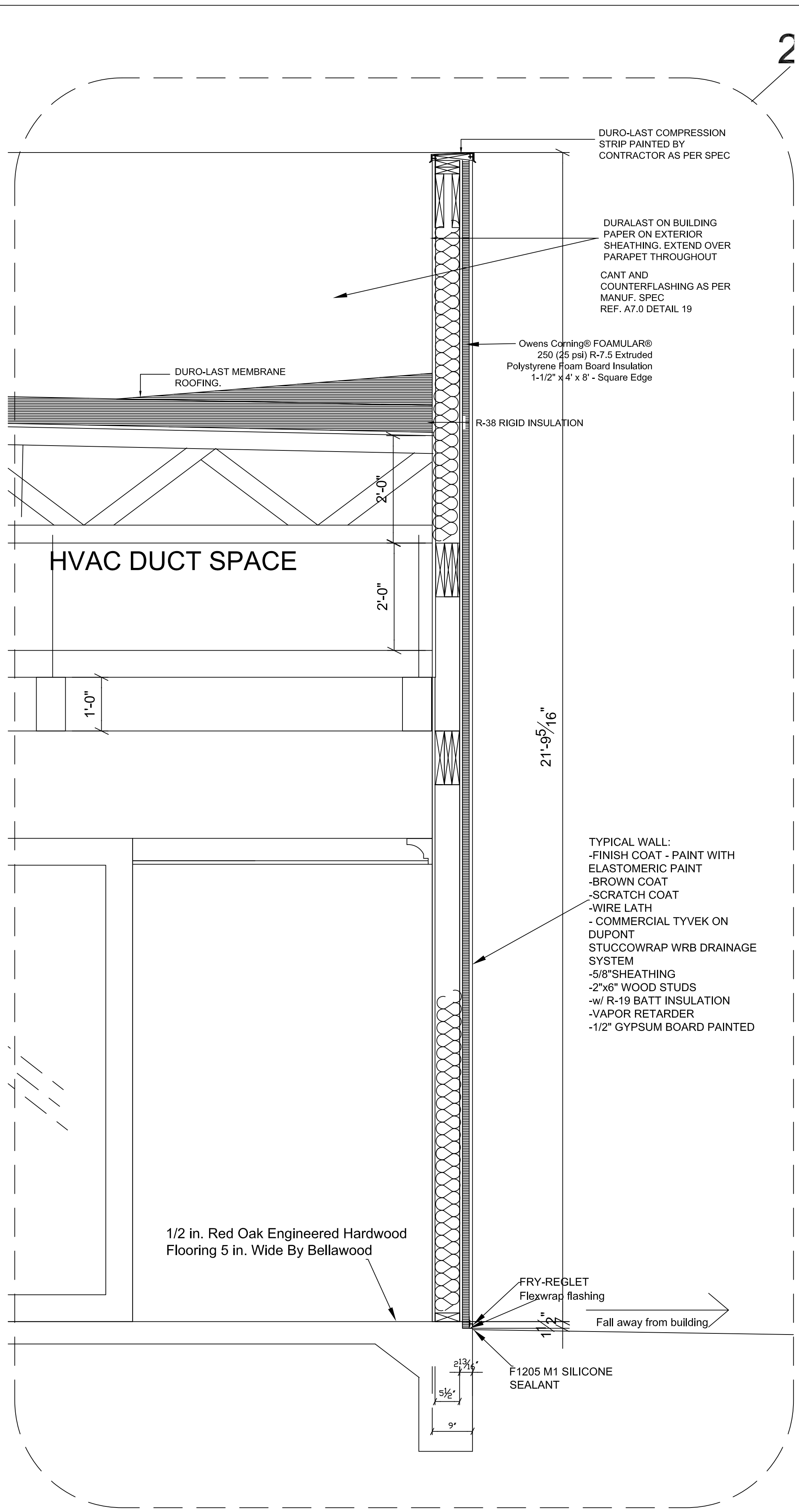
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PROJECT NO.
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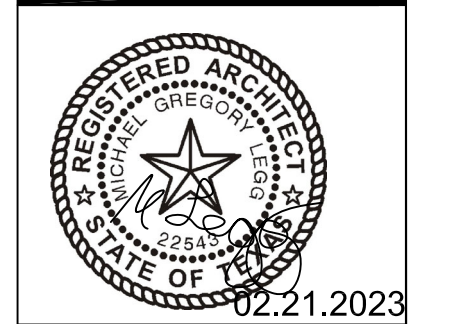
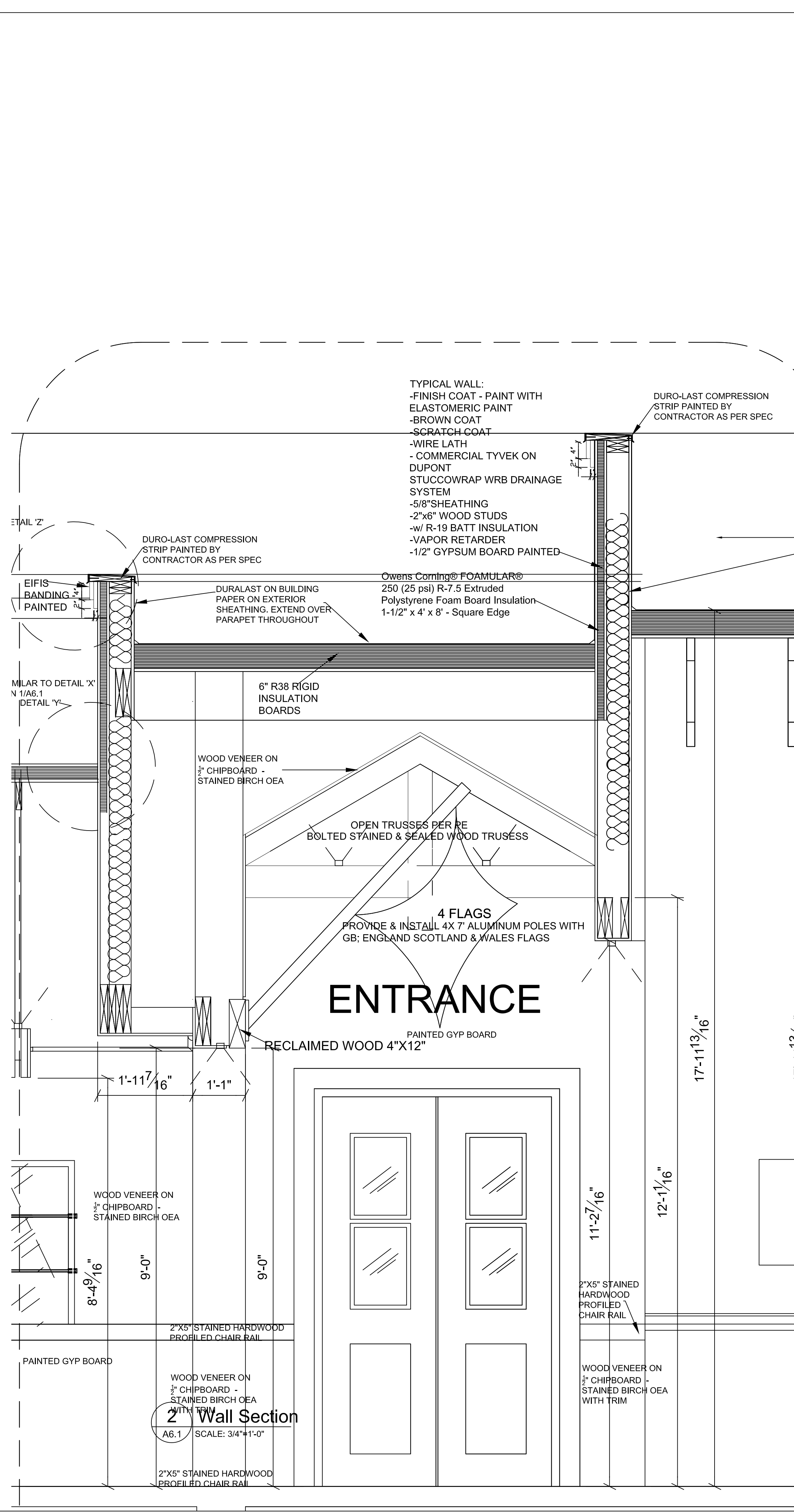
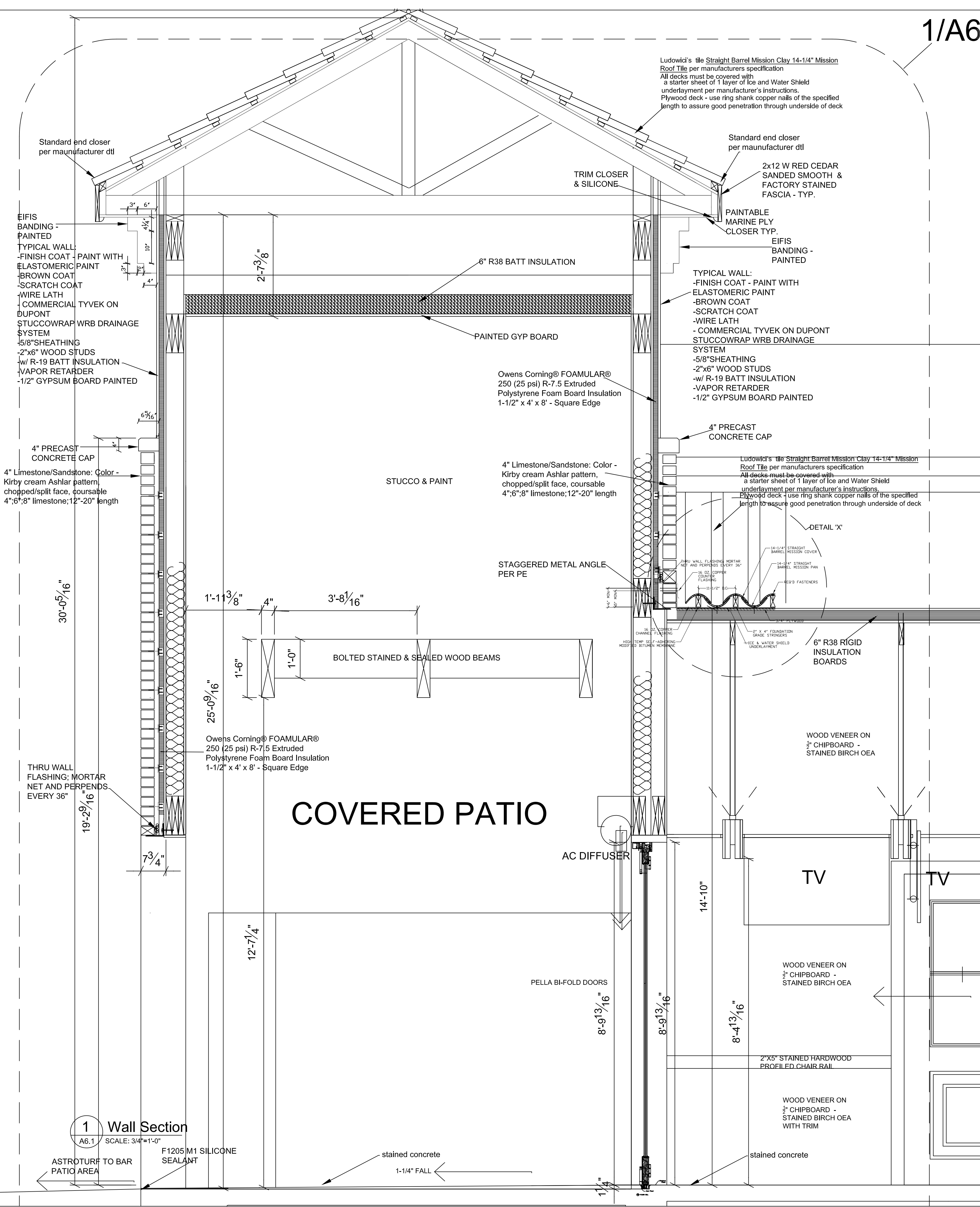
SHEET NO.
A6.0



1 Wall Section
 A6.0 SCALE: 3/4"=1'-0"



2 Wall Section
 A6.0 SCALE: 3/4"=1'-0"



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Wall Sections
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
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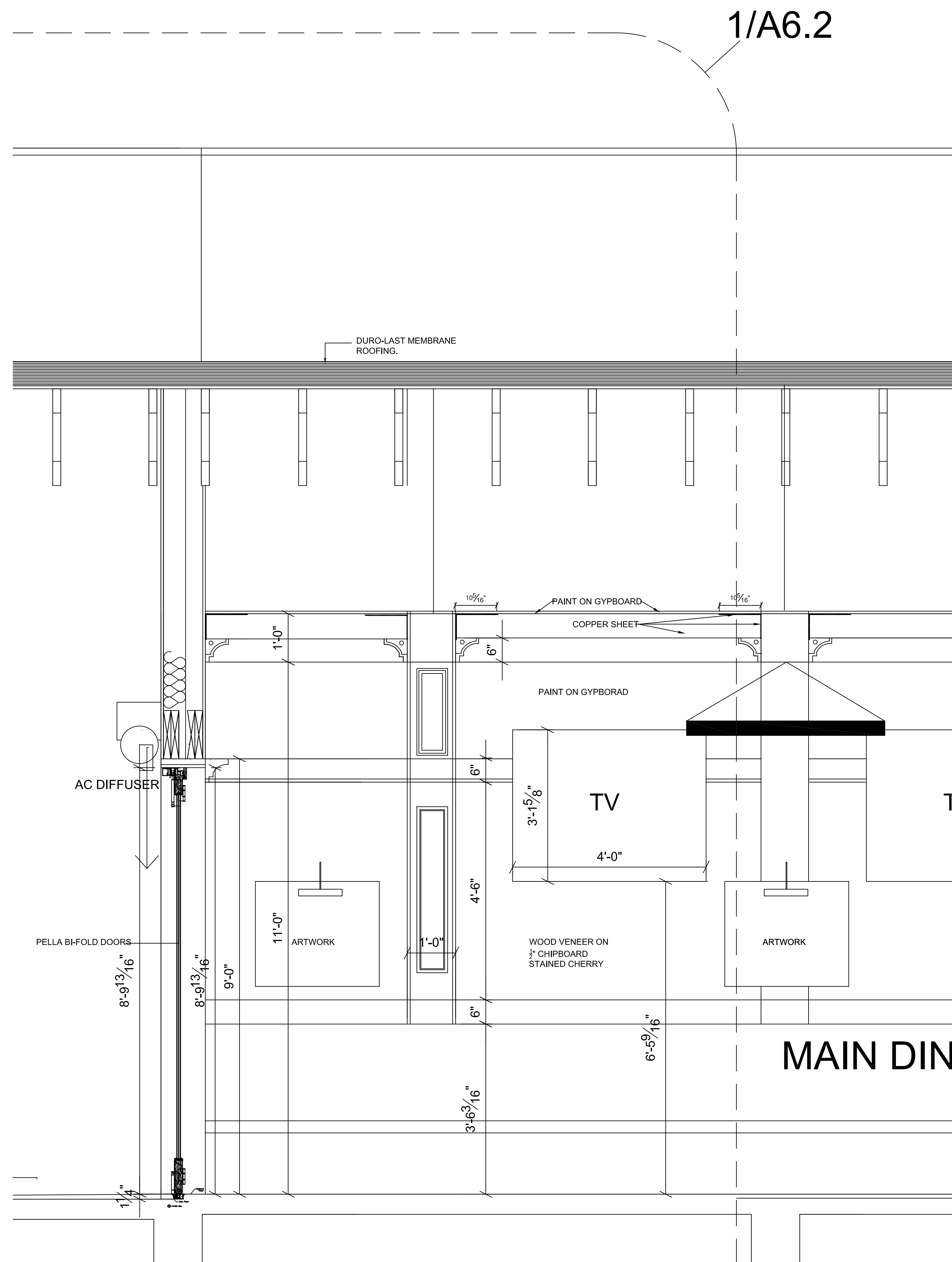
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05-05-22

SHEET NO.
A6.1

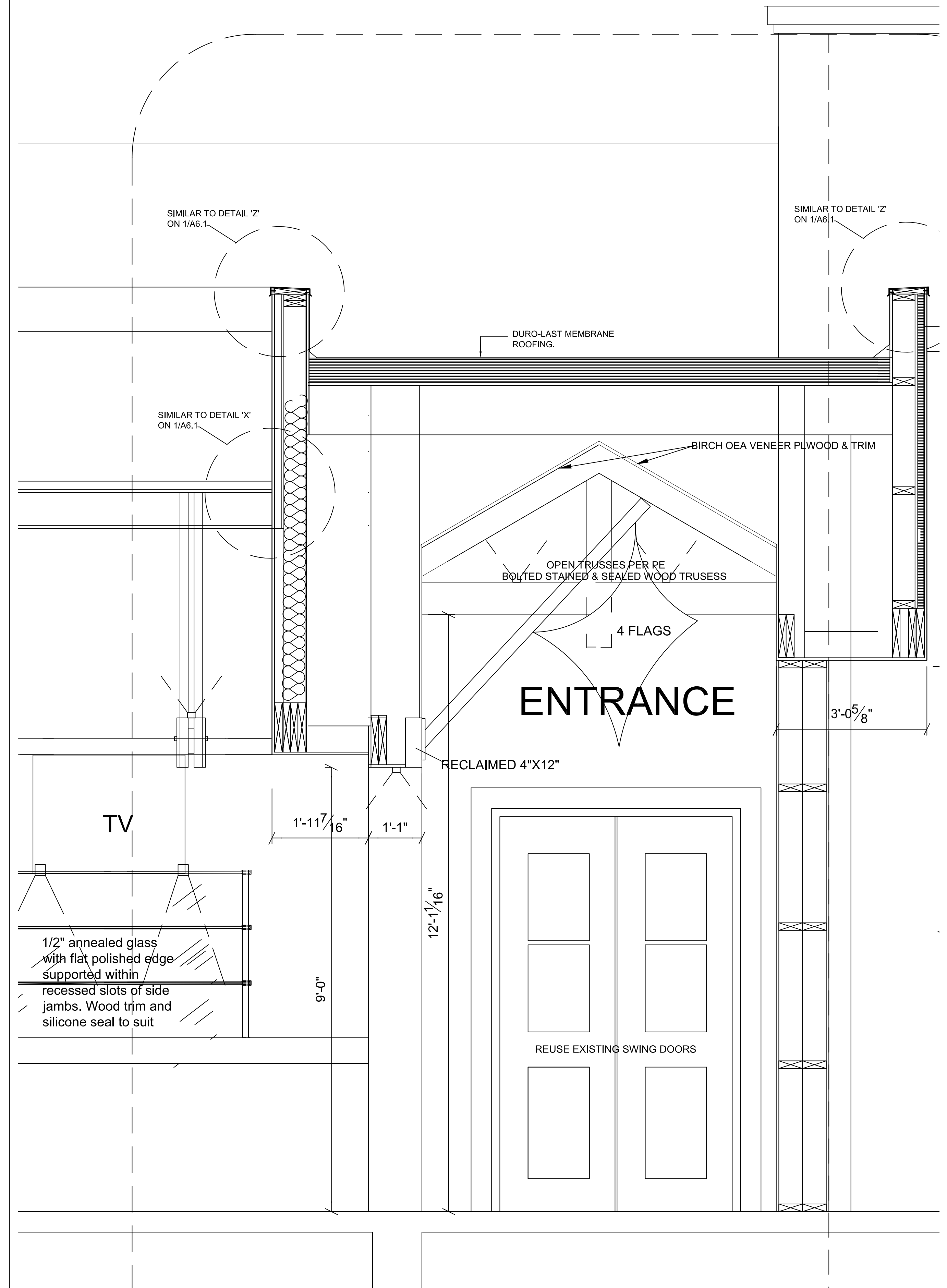
1 Wall Section
A6.1 SCALE: 3/4"=1'-0"

2 Wall Section
A6.1 SCALE: 3/4"=1'-0"

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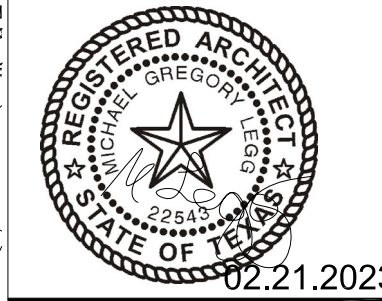


1 Wall Section
 A6.2 SCALE: 3/4"=1'-0"



2 Wall Section - SIM to 2/A6.0
 A6.2 SCALE: 3/4"=1'-0"

3 Wall Section
 A6.2 SCALE: 3/4"=1'-0"



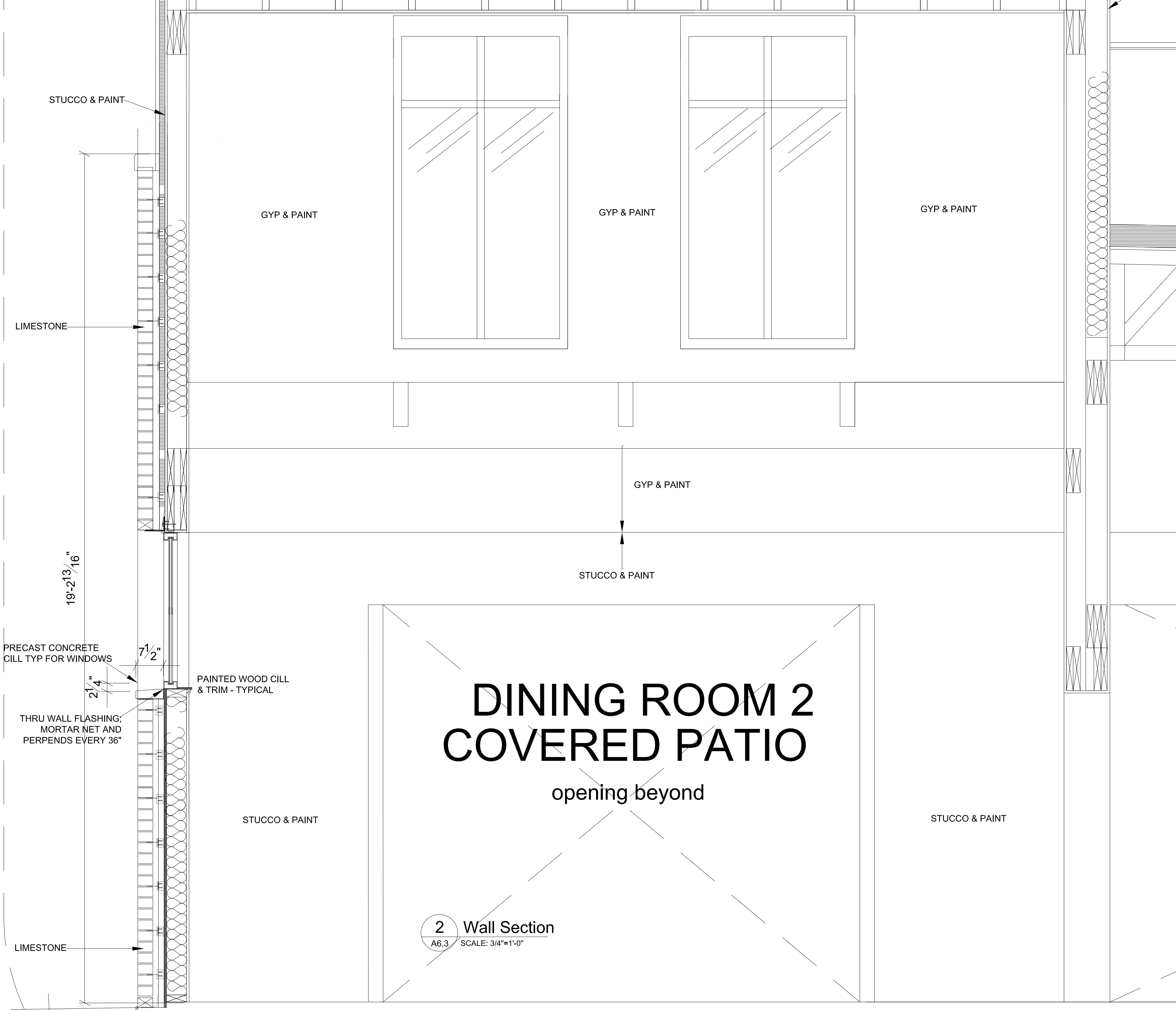
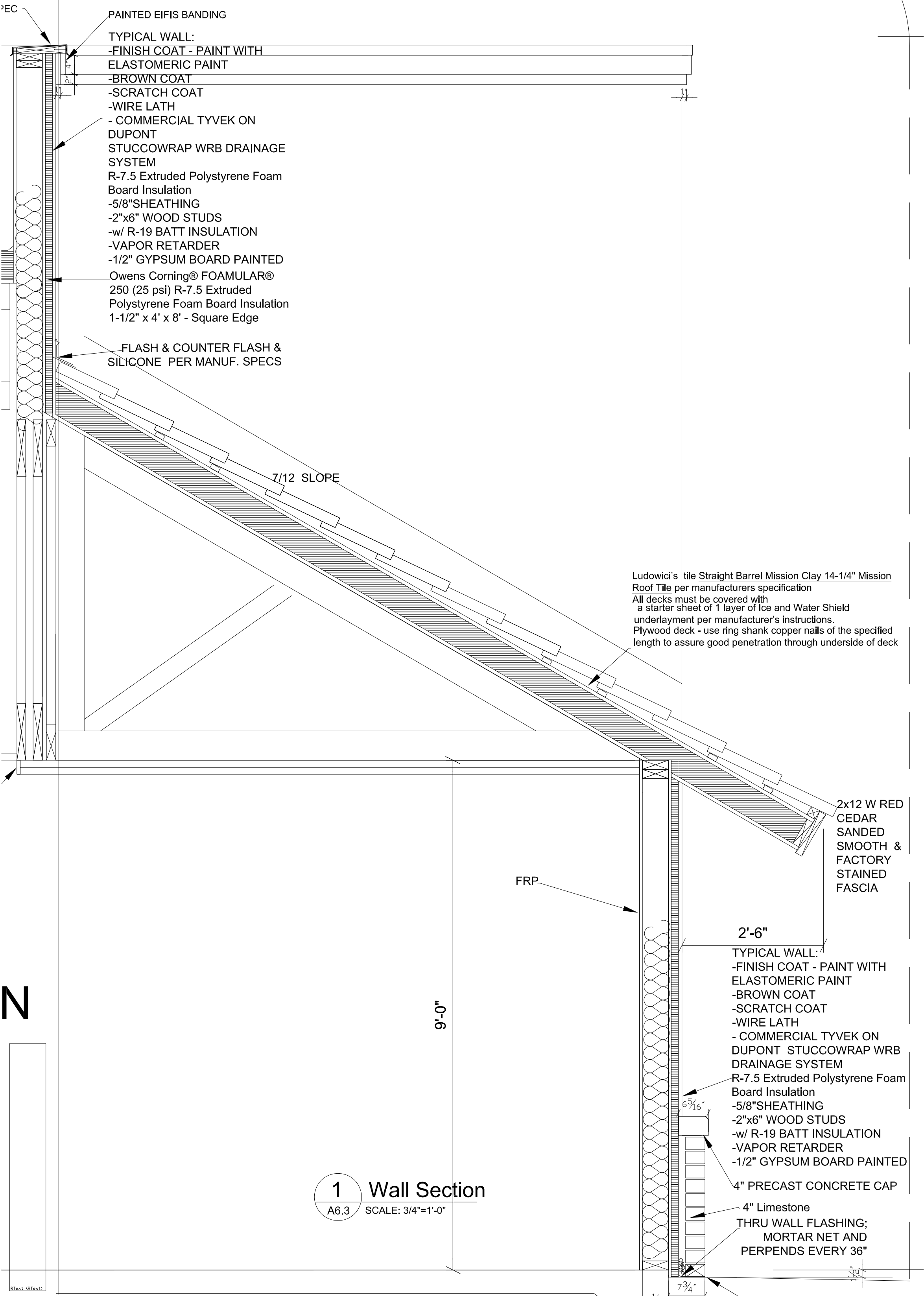
DRAWING COORDINATION
 Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

Wall Sections
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

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PROJECT NO.
05-05-22

SHEET NO.
A6.3





DRAWING COORDINATION
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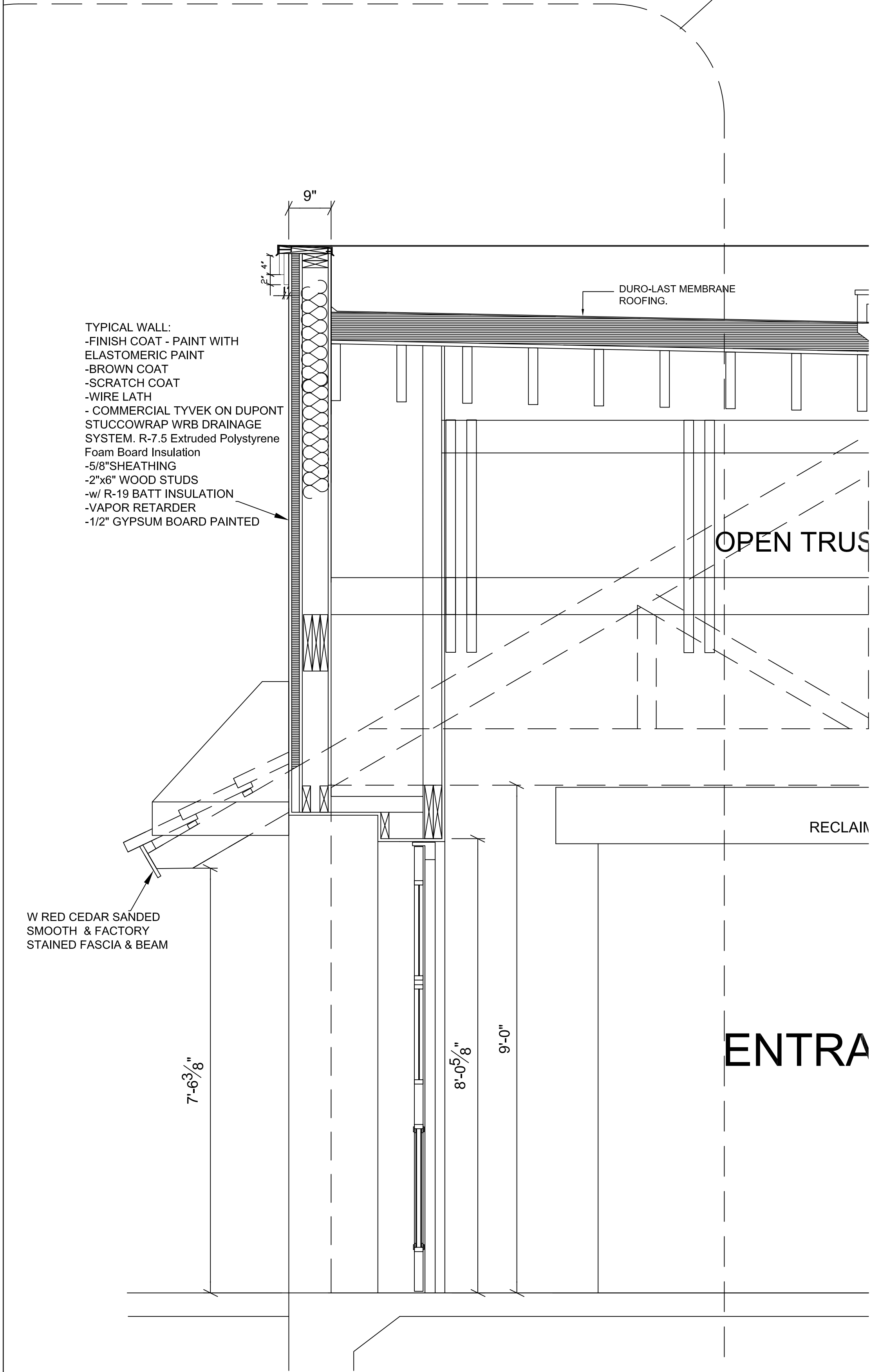
Wall Sections
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

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PROJECT NO.
05-05-22

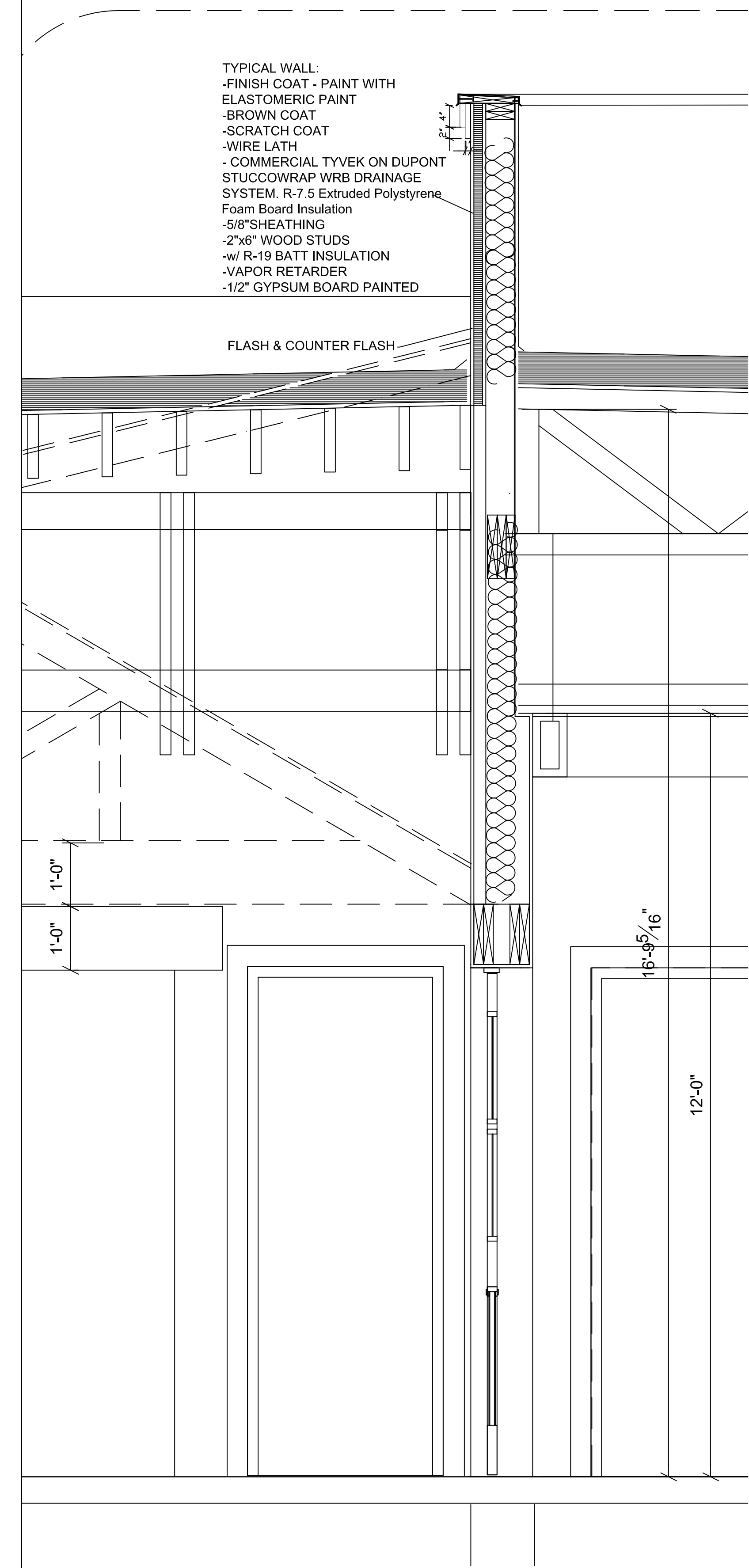
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A6.4

1/A6.4



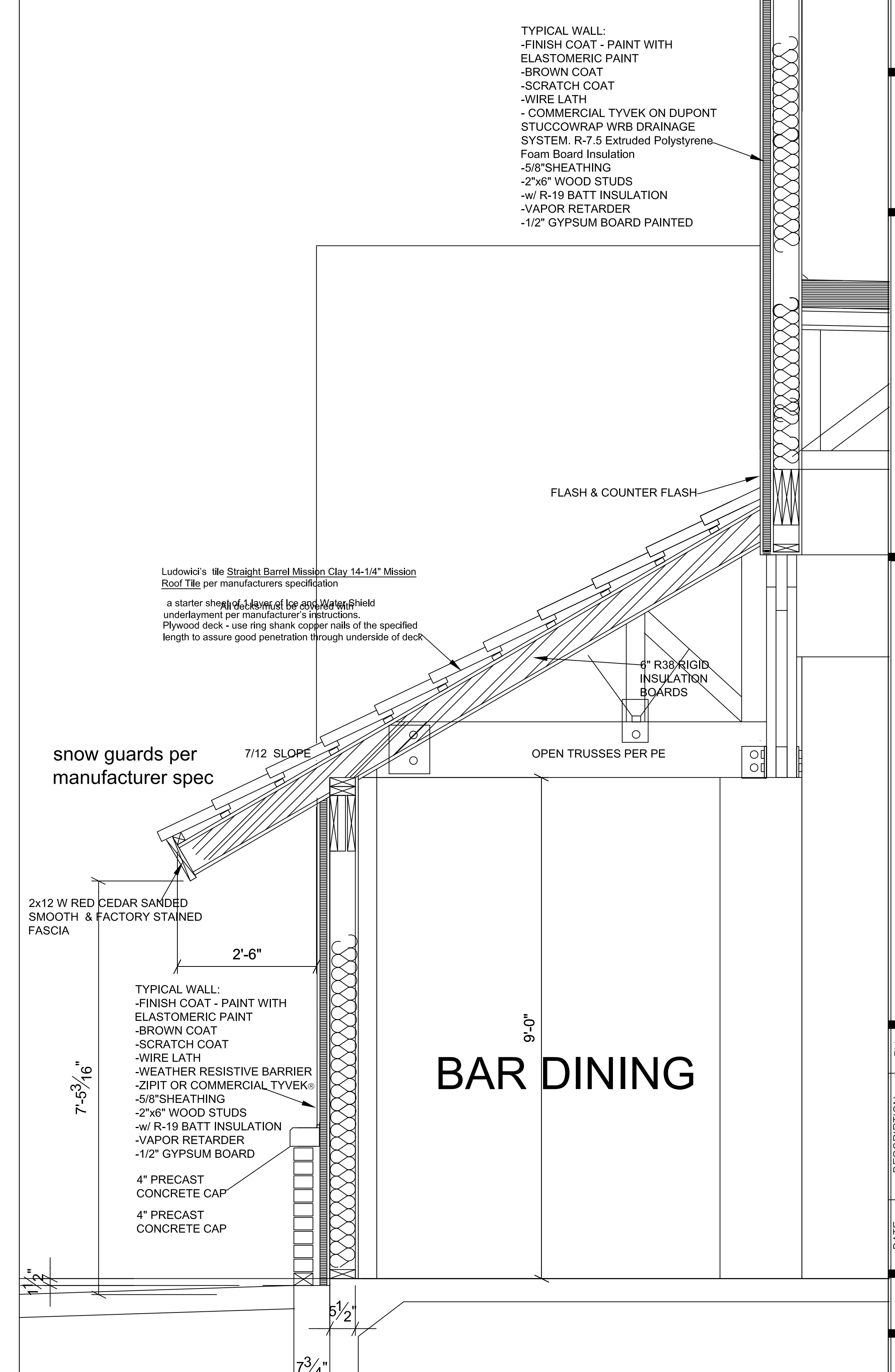
1 Wall Section
A6.4 SCALE: 3/4"=1'-0"

TYPICAL WALL:
 -FINISH COAT - PAINT WITH ELASTOMERIC PAINT
 -BROWN COAT
 -SCRATCH COAT
 -WIRE LATH
 - COMMERCIAL TYVEK ON DUPONT STUCCOWRAP WRB DRAINAGE SYSTEM, R-7.5 Extruded Polystyrene Foam Board Insulation
 -5/8" SHEATHING
 -2"x6" WOOD STUDS
 -w/ R-19 BATT INSULATION
 -VAPOR RETARDER
 -1/2" GYPSUM BOARD PAINTED



2 Wall Section
A6.4 SCALE: 3/4"=1'-0"

TYPICAL WALL:
 -FINISH COAT - PAINT WITH ELASTOMERIC PAINT
 -BROWN COAT
 -SCRATCH COAT
 -WIRE LATH
 - COMMERCIAL TYVEK ON DUPONT STUCCOWRAP WRB DRAINAGE SYSTEM, R-7.5 Extruded Polystyrene Foam Board Insulation
 -5/8" SHEATHING
 -2"x6" WOOD STUDS
 -w/ R-19 BATT INSULATION
 -VAPOR RETARDER
 -1/2" GYPSUM BOARD PAINTED



3 Wall Section
A6.4 SCALE: 3/4"=1'-0"



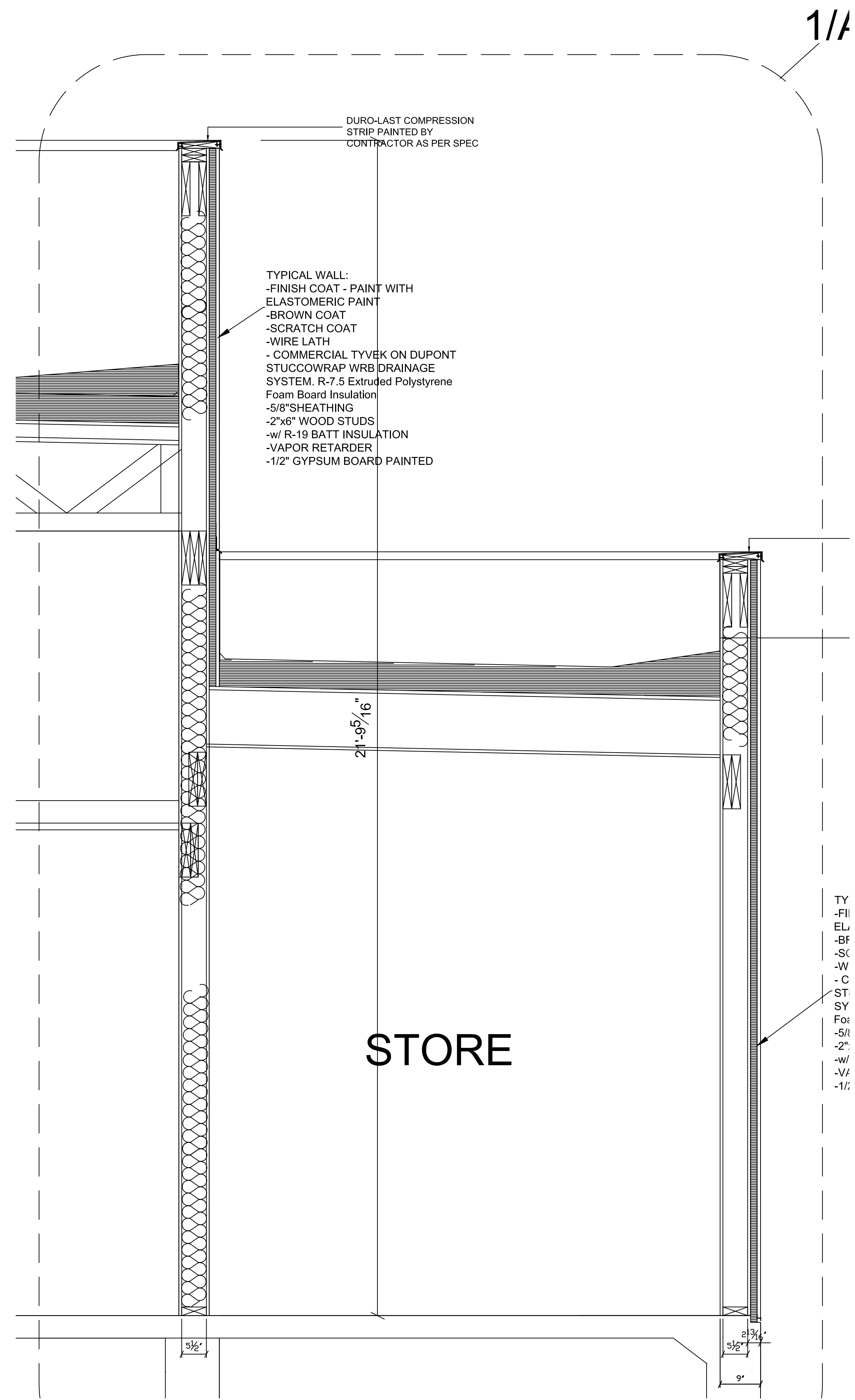
DRAWING COORDINATION
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Wall Sections
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

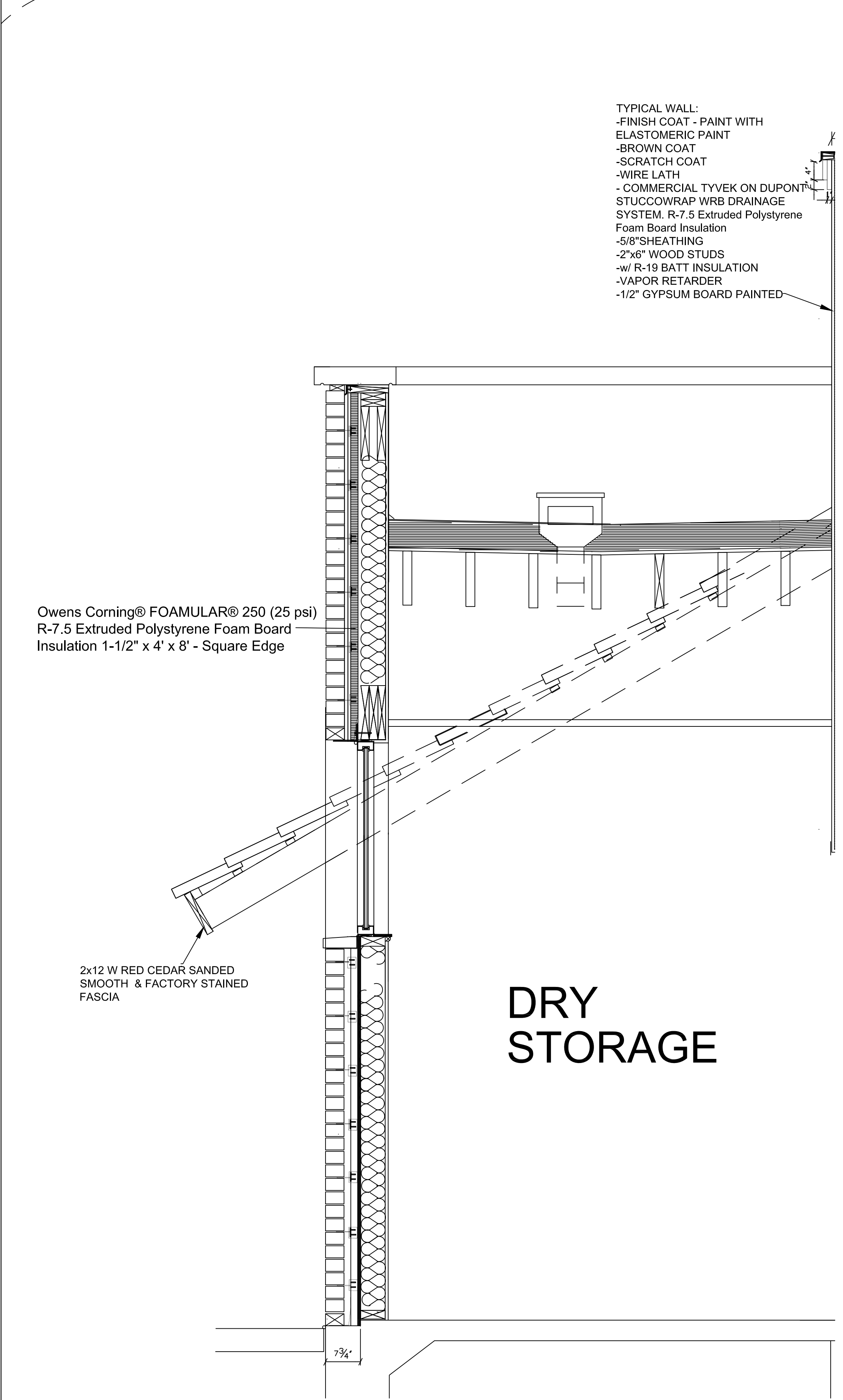
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PROJECT NO.
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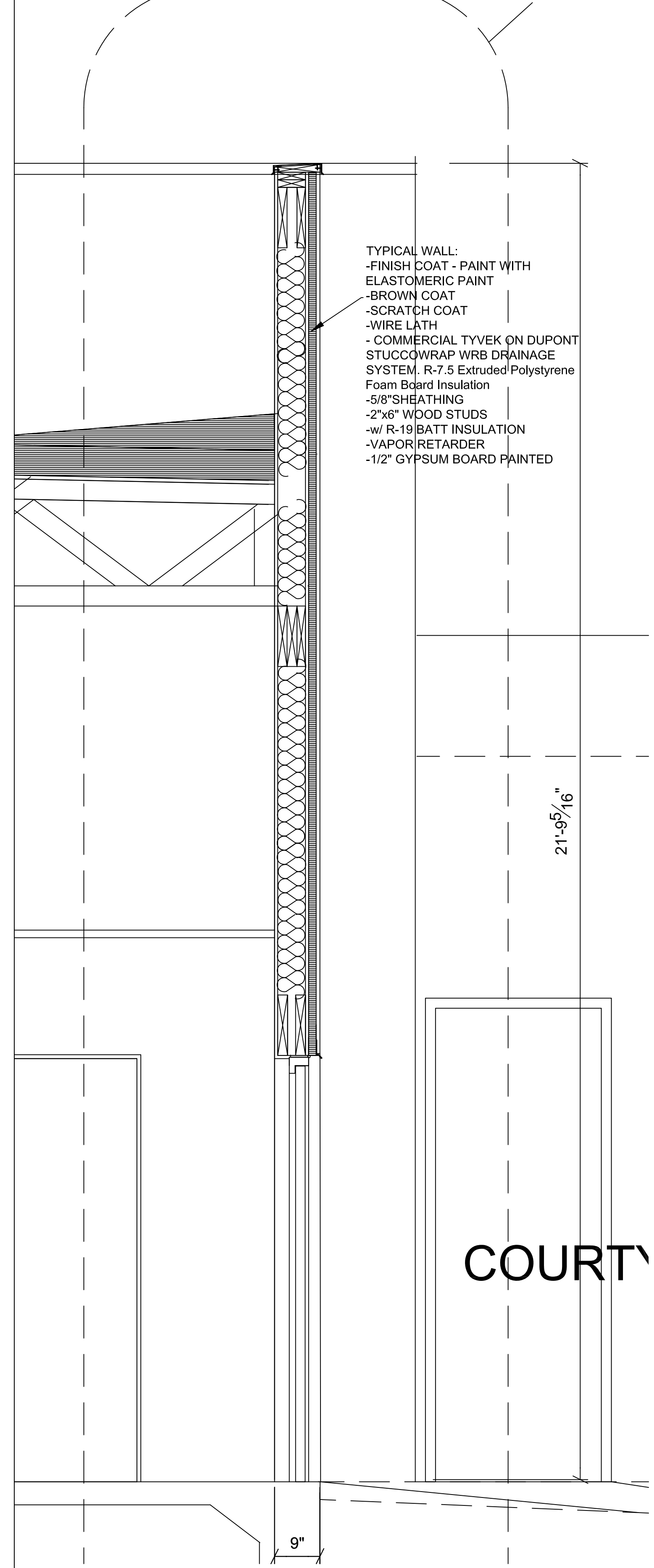
SHEET NO.
A6.5



1 Wall Section
A6.5 SCALE: 3/4"=1'-0"



2 Wall Section
A6.5 SCALE: 3/4"=1'-0"

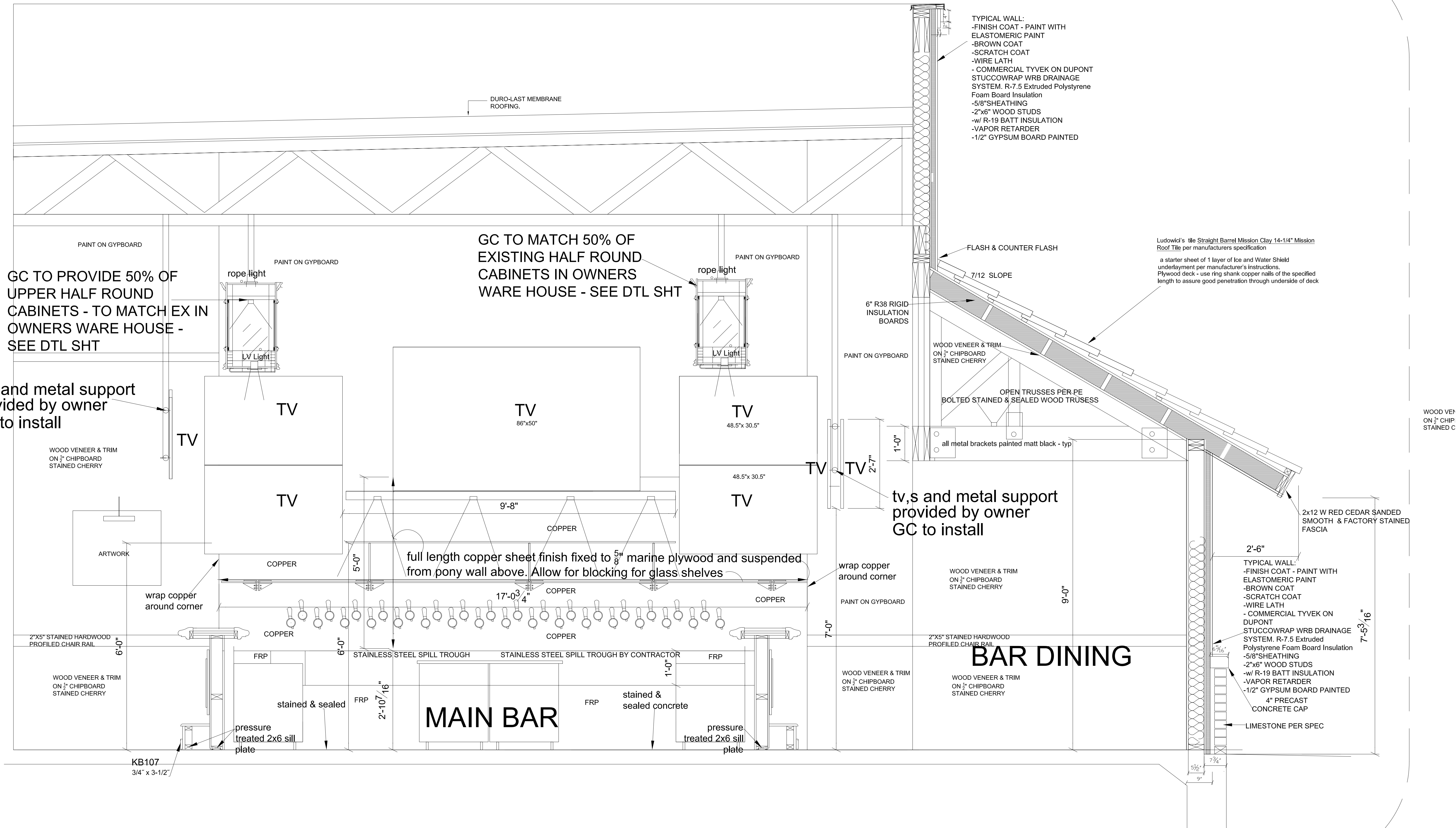


3 Wall Section
A6.5 SCALE: 3/4"=1'-0"

Rev



DRAWING COORDINATION
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TYPICAL WALL:
-FINISH COAT - PAINT WITH ELASTOMERIC PAINT
-BROWN COAT
-SCRATCH COAT
-WIRE LATH
- COMMERCIAL TYVEK ON DUPONT STUCCOWRAP WRB DRAINAGE SYSTEM. R-7.5 Extruded Polystyrene Foam Board Insulation
-5/8" SHEATHING
-2"x6" WOOD STUDS
-w/ R-19 BATT INSULATION
-VAPOR RETARDER
-1/2" GYPSUM BOARD PAINTED

Ludowici's tile Straight Barrel Mission Clay 14-1/4" Mission Roof Tile per manufacturers specification
a starter sheet of 1 layer of Ice and Water Shield underlayment per manufacturer's instructions.
Plywood deck - use ring shank copper nails of the specified length to assure good penetration through underside of deck

GC TO MATCH 50% OF EXISTING HALF ROUND CABINETS IN OWNERS WARE HOUSE - SEE DTL SHT

GC TO PROVIDE 50% OF UPPER HALF ROUND CABINETS - TO MATCH EX IN OWNERS WARE HOUSE - SEE DTL SHT

tv,s and metal support provided by owner GC to install

tv,s and metal support provided by owner GC to install

full length copper sheet finish fixed to 5/8" marine plywood and suspended from pony wall above. Allow for blocking for glass shelves

KB107
3/4" x 3-1/2"

1 Wall Section
A6.6 SCALE: 3/4"=1'-0"

Wall Sections

23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

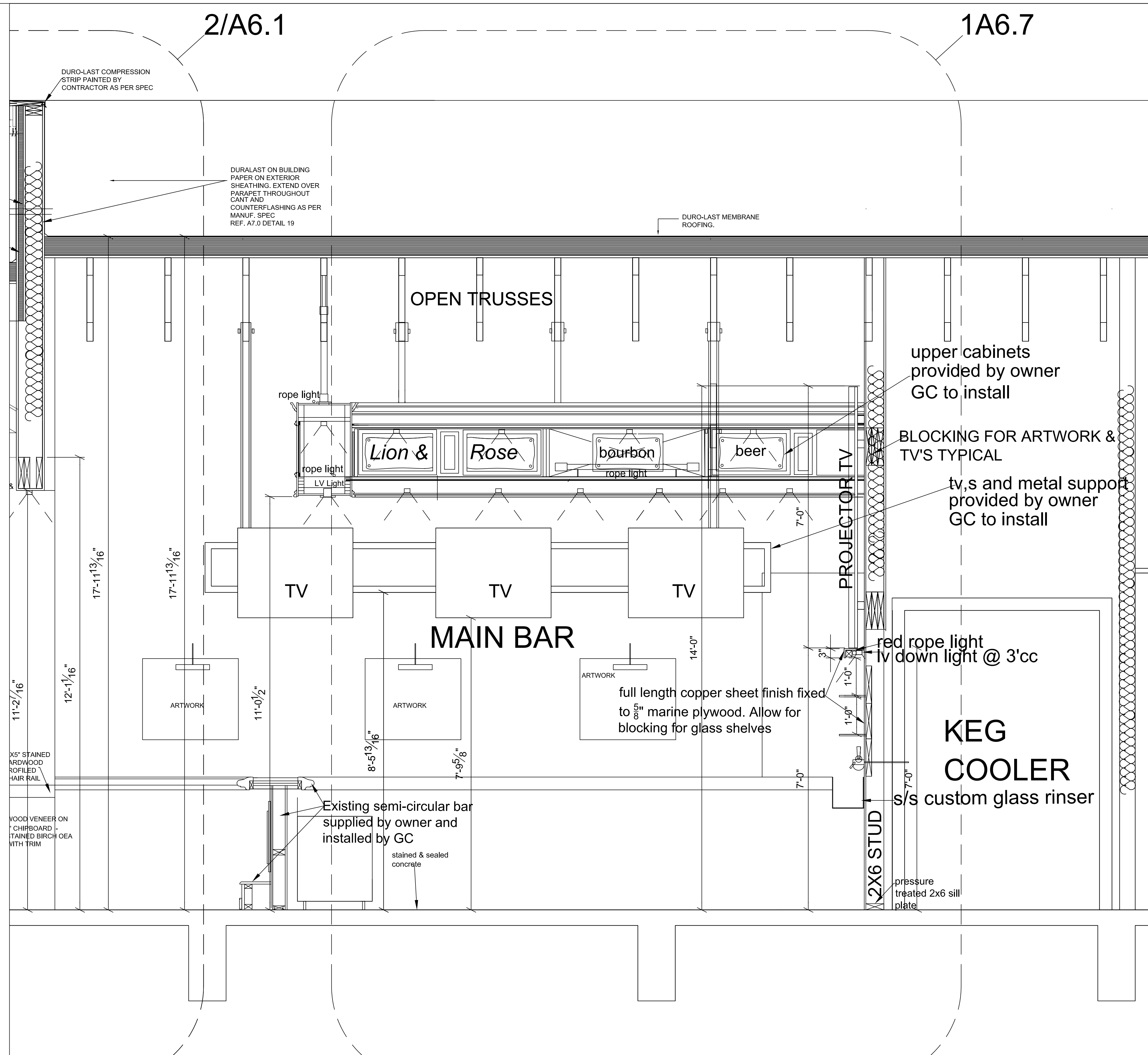
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PROJECT NO.
05-05-22

SHEET NO.
A6.6

2/A6.1

1A6.7



1 Wall Section
 A6.7 SCALE: 3/4"=1'-0"

MLA

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DRAWING COORDINATION
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Wall Sections

23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

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PROJECT NO.
05-05-22

SHEET NO.

A6.7

Rev



DRAWING COORDINATION
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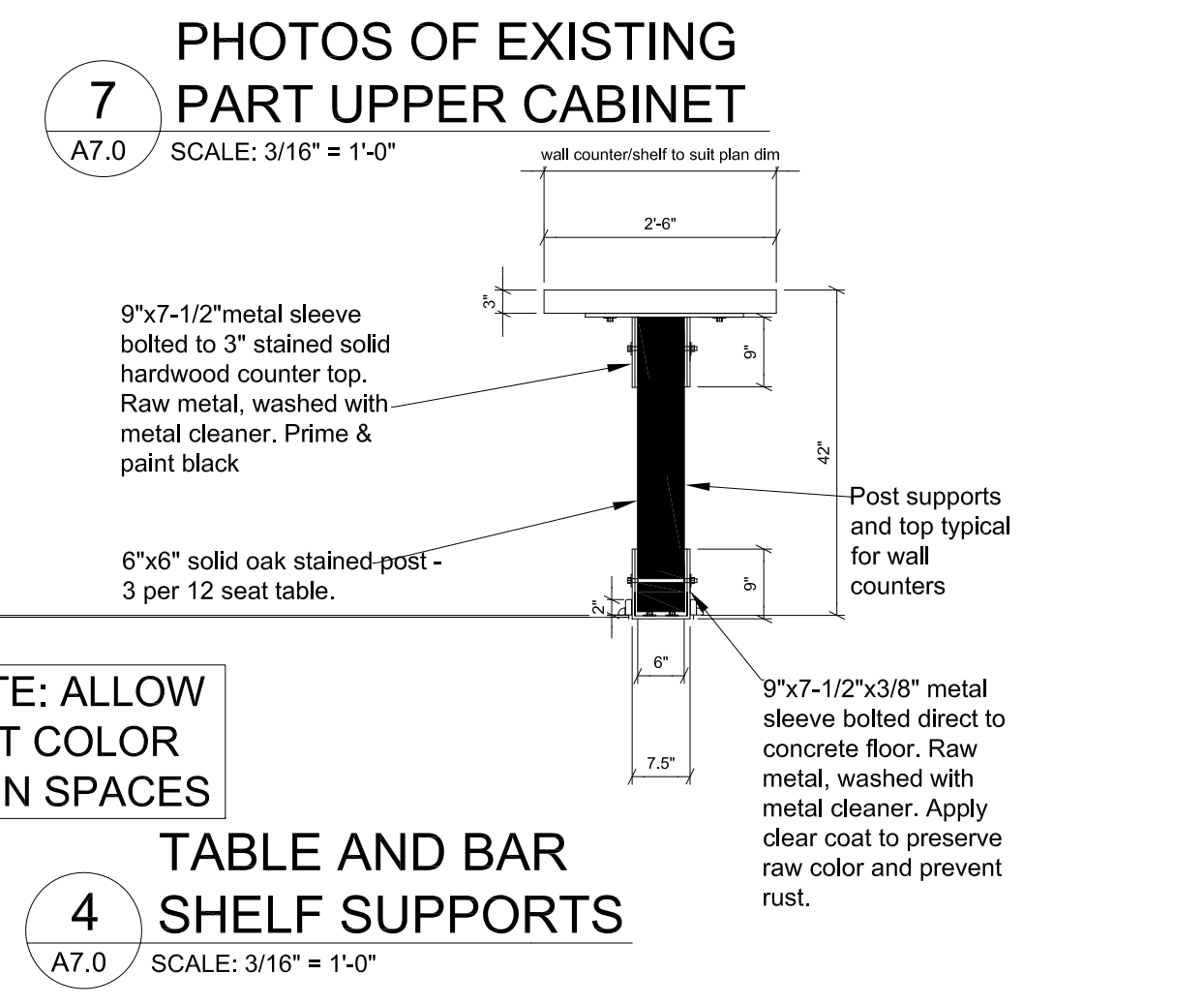
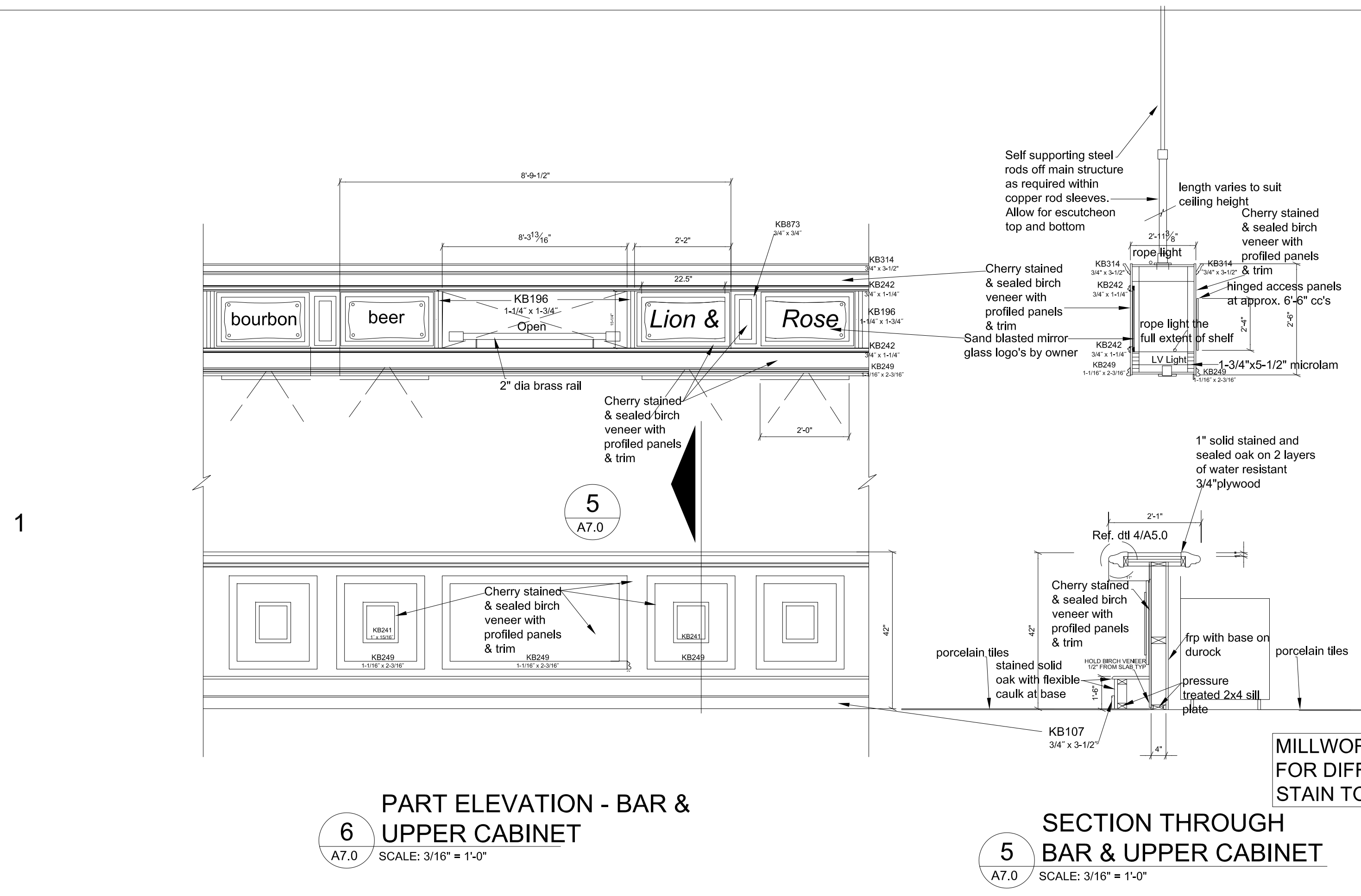
PATIO, FENCE & MILLWORK DETAILS
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

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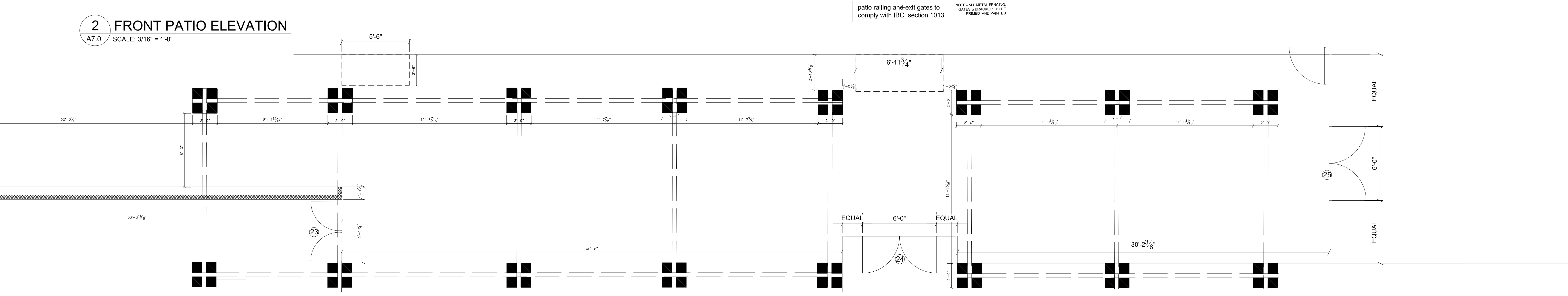
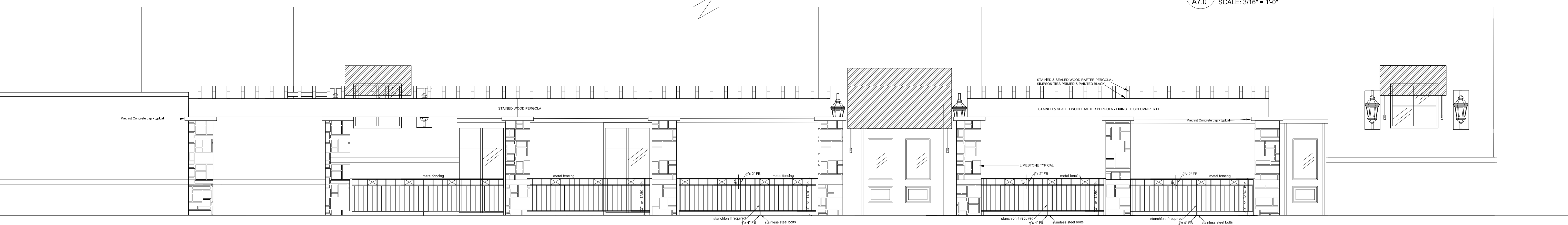
PROJECT NO.
05-05-22

SHEET NO.

A7.0



MILLWORK NOTE: ALLOW FOR DIFFERENT COLOR STAIN TO 3 MAIN SPACES



1

DIVISION 9 - FINISHES (CONTINUED)

SECTION 09610 - GRANITE

1. SECTION INCLUDES
 - A. Granite slabs
 - B. Adhesive
 - C. Protection of completed work
2. REFERENCE STANDARDS
 - A. American National Standards Institute (ANSI): A136.1 Organic adhesives for installation of ceramic tile.
 - B. American Society of Testing Materials (ASTM): ASTM C615 Granite building stone.
 - C. Tile Council of America (TCA): Handbook for ceramic tile installation.
3. SAMPLES
 - A. Submit two 12-inch x 12-inch samples to the Architect for acceptance.
4. MANUFACTURER
 - A. The drawings were prepared, and portions of this specification written on the basis of using the products distributed by company noted on finish schedule in the drawings.
5. MATERIALS
 - A. Granite: ASTM C615, fine rubbed, slab, color specified on Finish Schedule of the drawings.
 - B. Adhesives: Water resistive type as recommended by granite manufacturer, thinset bond type.
 - C. Grout: Non-sanded, Latex-Portland Cement Grout, color – to be selected by Owner.
 - D. Sealer: Multi-Seal "Marble Sealer" as distributed by Dal-Tile Corporation, Richardson, Texas.
 - E. Cleaning Solution: Type recommended by granite manufacturer which will not harm stone, sealer, or adjacent surfaces.
 - F. Extra Materials: Provide 20 of each size and type of stone unit specified.
6. ENVIRONMENTAL REQUIREMENTS
 - A. Maintain materials and surrounding air to a minimum 50 degrees F prior to, during, and 48 hours after completion of work.
7. SURFACE PREPARATION
 - A. Use filler to patch cracks, small holes, and for minor leveling in substrate.
 - B. Apply conditioner/sealer to surfaces as recommended by adhesive manufacturer.
8. EXAMINATION
 - A. Verify that surfaces are ready to receive work of this section. Beginning of installation means acceptance of substrate.
9. INSTALLATION
 - A. Preparation: Establish lines, levels, and pattern; protect from disturbance.
 - B. Adhesive: Apply to prepared substrate in accord with manufacturer's instructions and the TCA Handbook for Ceramic Tile Installation. Ensure full adhesive contact for permanent bond to substrate.
 - C. Slabs: Clean stone prior to installation. Lay in slabs as large as possible, in patterns and/or directions shown on Drawings. Fit neatly to vertical interruptions. Place units with 1/16 inch joints. Provide expansion space at walls and other obstructions. Remove excessive adhesive from surface as work progresses. Sound units after setting. Replace hollow sounding units. Joints must be free of any debris or foreign matter before grouting. Joints shall be thoroughly filled and wiped flush.
 - D. Sealer: Allow tile to set 72 hours after grouting prior to application of sealer. Apply two coats of sealer in accord with manufacturer's printed specifications and instructions.
10. PROTECTION AND CLEANING
 - A. Protect work, adjacent work, and materials by suitable covering. Upon completion of work, remove spots from floors and other surfaces.

SECTION 09900 - PAINTS AND COATINGS

1. SECTION INCLUDES
 - A. Surface preparation.
 - B. Field application of paints, stains, varnishes, and other coatings.
2. DELIVERY, STORAGE, AND HANDLING
 - A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
 - B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
 - C. Paint Materials: Store at minimum ambient temperature of 45 degrees F and a maximum of 90 degrees F, in ventilated area, and as required by manufacturer's instructions.
3. ENVIRONMENTAL REQUIREMENTS
 - A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
 - B. Provide lighting level of 80 ft candelas measured mid-height at substrate surface.
4. SUBMITTALS
 - A. Prepare two (2) color/texture samples for each color for each type of substrate to be painted or stained per SUBMITTALS.
 - B. Make samples not less than twelve inches (12") square.
 - C. Submit manufacturer's printed literature on each coating system to be used.
5. EXTRA MATERIALS
 - A. Supply 1 gallon of each color; store where directed.
 - B. Label each container with color in addition to the manufacturer's label.
6. MANUFACTURERS
 - A. Paint and Coating manufacturers shall be as scheduled herein and on the drawings.
7. PAINTS AND COATINGS - GENERAL
 - A. Paints and Coatings: Ready mixed, except field-catalyzed coatings. Prepare pigments to a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating.
 - B. Volatile Organic Compound (VOC) Content:
 1. Provide coatings that comply with the most stringent requirements specified in 40 CFR 59, Subpart D--National Volatile Organic Compound Emission Standards for Architectural Coatings.
8. EXAMINATION
 - A. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
 - B. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
 1. Wood: 15 percent, measured in accordance with ASTM D 4442.
9. PREPARATION
 - A. Surfaces: Correct defects and clean surfaces which affect work of this section.
 - B. Marks: Seal with shellac those which may bleed through surface finishes.
 - C. Impervious Surfaces: Remove mildew by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
 - D. Gypsum Board Surfaces to be Painted: Fill minor defects with filler compound. Spot prime defects after repair. Gypsum ceiling surfaces in all Public areas are required to have a Level 1 finish surface; do not start painting until surface finish level is verified. Beginning of painting gypsum indicates acceptance of surface.
 - E. Aluminum Surfaces to be Painted: Remove surface contamination by steam or high-pressure water. Remove oxidation with acid etch and solvent washing. Apply etching primer immediately following cleaning.
 - F. Galvanized Surfaces to be Painted: Remove surface contamination and oils and wash with solvent. Apply coat of etching primer.
 - G. Uncoated Steel and Iron Surfaces to be Painted: Remove grease, mill scale, weld splatter, dirt, and rust. Prime paint entire surface; spot prime after repairs.
 - H. Interior Wood Items to Receive Opaque Finish: Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats. Back prime concealed surfaces before installation.
 - I. Interior Wood Items to Receive Transparent Finish: Wipe off dust and grit prior to sealing, seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after sealer has dried; sand lightly between coats. Prime concealed surfaces with gloss varnish reduced 25 percent with thinner.
 - J. Wood Doors to be Field Finished: Seal wood door top and bottom edge surfaces with clear sealer.
 - K. Metal Doors to be Painted: Prime metal door top and bottom edge surfaces.
10. APPLICATION
 - A. Apply products in accordance with manufacturer's instructions.
 - B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
 - C. Apply each coat to uniform appearance. Apply each coat of paint slightly darker than preceding coat unless otherwise approved.
 - D. Sand wood and metal surfaces lightly between coats to achieve required finish.
 - E. Where clear finishes are required, tint fillers to match wood. Work fillers into the grain before set. Wipe excess from surface.
 - F. Coverage coats noted herein are minimum requirements. Contractor shall provide additional coats as needed for complete coverage.
11. FINISHING MECHANICAL AND ELECTRICAL EQUIPMENT
 - A. Painting mechanical and electrical work is limited to items exposed in occupied spaces unless noted otherwise.
 - B. Remove unfinished louvers, grilles, covers, and access panels on mechanical and electrical components and paint separately.

12. SCHEDULE - SURFACES TO BE FINISHED

- A. Do Not Paint or Finish the Following Items:
 1. Items fully factory-finished unless specifically noted.
 2. Fire rating labels, equipment serial number and capacity labels.
- B. Mechanical and Electrical: Use paint systems defined for the substrates to be finished.
 1. Paint all insulated and exposed pipes, conduit, boxes, hangers, brackets, collars and supports, mechanical equipment, and electrical equipment occurring in finished areas, unless otherwise indicated.
 2. Paint shop-primed items occurring in finished areas.
 3. Paint interior surfaces of air ducts and convactor and baseboard heating cabinets that are visible through grilles and louvers with one coat of flat black paint to visible surfaces.
 4. Paint dampers exposed behind louvers, grilles, and convactor and baseboard cabinets to match face panels.
- C. Paint both sides and edges of plywood backboards for electrical and telephone equipment before installing equipment.

13. TENTATIVE PAINT LIST: Where any particular application is not mentioned in this list, Contractor shall figure on application of manufacturer's specification for application which is consistent with types and qualities listed herein. Colors are indicated on drawings.

EXTERIOR SURFACES

14. Natural Woods - "Stained"
 - Sherwin Williams:
 - 1st Coat: S-W WoodScapes House Stain Exterior Polyurethane SemiTransparent Stain, A15T5
 - 2nd Coat: Same as 1st Coat
 - 3rd Coat: Marine Varnish, Satin finish
 - Glidden Professional:
 - 1st Coat: Glidden Professional 2710 WOODPRIDE Exterior Oil/AlkydSemi-Transparent Deck & Siding Stain
 - 2nd Coat: Same as 1st Coat
 - 3rd Coat: Glidden Professional 1907 WOODPRIDE Spar Urethane

15. Ferrous Metals and Exposed Gas Lines
 - Sherwin Williams:
 - 1st Coat: S-W) 0 VOC Acrylic Satin, B66-660 Series
 - 2nd Coat: Same as 1st Coat
 - Glidden Professional:
 - 1st Coat: Devco Coatings 4212 DEVFLEX HP Eggshell
 - 2nd Coat: Same as 1st Coat

16. Unit Masonry
 - Sherwin Williams:
 - 1st Coat: S-W Loxon Concrete & Masonry Interior/Exterior Latex Primer, A24WB300
 - 2nd Coat: S-W DTM Acrylic Semi-Gloss, B66-200 Series
 - 3rd Coat: Same as 2nd Coat
 - Glidden Professional:
 - 1st Coat: Fill with Glidden Professional Concrete Coatings Block Filler to DTF of 9.0 to 13.6 Mils. Ensure coverage is consistent.
 - 2nd Coat: Finish with Glidden Professional Fortis 450 Exterior 100% Acrylic Satin 6403
 - 3rd Coat: Same as 2nd Coat

17. Pre-Painted Equipment (Rooftop Equipment, Transformers, Etc.)
 - Sherwin Williams:
 - 1st Coat: S-W DTM Acrylic Semi-Gloss, B66-200 Series
 - 2nd Coat: Same as 1st Coat
 - Glidden Professional:
 - 1st Coat: Devco Coatings 4216.DEVFLX HP Semi-Gloss
 - 2nd Coat: Same as 1st Coat

18. Pre-Primed Metal Doors and Frames
 - Sherwin Williams:
 - 1st Coat: S-W DTM Acrylic Semi-Gloss, B66-200 Series
 - 2nd Coat: Same as 1st Coat
 - Glidden Professional:
 - 1st Coat: Devco Coatings 4216.DEVFLX HP Semi-Gloss
 - 2nd Coat: Same as 1st Coat

19. Stucco & EIFS
 - Sherwin Williams:
 - 1st Coat: S-W Loxon Concrete & Masonry Interior/Exterior Latex Primer A24WB300
 - 2nd Coat: S-W ConFlex High Build Coating, A5-400 Series
 - 3rd Coat: Same as 2nd Coat
 - Glidden Professional:
 - 1st Coat: Glidden Professional Hydrosealer 6001 primecoat
 - 2nd Coat: Glidden Professional Fortis 450 Exterior 100% Acrylic Satin 6403
 - 3rd Coat: Same as 2nd Coat

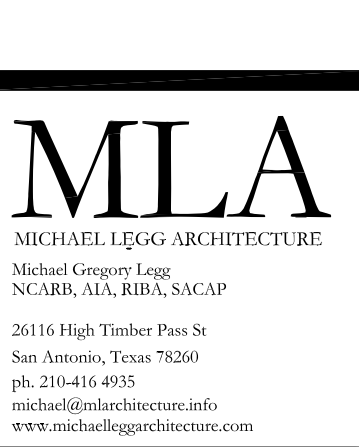
INTERIOR SURFACES

1. Wood Trim - "Painted"
 - Sherwin Williams:
 - 1st Coat: S-W Multi-Purpose Interior/Exterior Latex Primer B51W8020 Series
 - 2nd Coat: S-W DTM Acrylic, Semi-Gloss, B666-200 Series
 - 3rd Coat: Same as 2nd Coat
 - Glidden Professional:
 - 1st Coat: Glidden Professional 3210 Gripper Multi-Purpose Primer
 - 2nd Coat: Devco Coatings 4216 HP Semi-Gloss
 - 3rd Coat: Same as 2nd Coat

2. Wood Trim - "Stained"
 - Sherwin Williams:
 - 1st Coat: Minwax Pre-Stain Wood Conditioner, 154-8866
 - 2nd Coat: S-W WoodClassics Oil Stain, A49 Series
 - 3rd Coat: S-W WoodClassics Waterborne Polyurethane Varnish, A68F90 Series, Satin
 - Glidden Professional:
 - 1st Coat: Minwax Pre-Stain Wood Conditioner, 154-8866
 - 2nd Coat: Glidden Professional 1700 WOODPRIDE Interior Wood Finishing Stain
 - 3rd Coat: Glidden Professional 1902 WOODPRIDE Interior Polyurethane Satin Varnish

3. Gypsum Wallboard
 - Sherwin Williams:
 - 1st Coat: S-W ProMar 200 Interior Latex Primer, B26W8200
 - 2nd Coat: S-W ProMar 200 Latex Semi-Gloss, B31W2200 Series
 - 3rd Coat: Same as 2nd Coat
 - Glidden Professional:
 - 1st Coat: 1000 Hi-Hide water -Based Primer-Sealer
 - 2nd Coat: Glidden Professional Ultra Hide 150 Latex Eggshell 1412
 - 3rd Coat: Same as 2nd Coat
4. Ferrous Metal and Exposed Gas Lines, Doors, Door Frames
 - Sherwin Williams:
 - 1st Coat: S-W DTM Acrylic Semi-Gloss, B66-200 Series
 - 2nd Coat: Same as 1st Coat
 - Glidden Professional:
 - 1st Coat: Devco Coatings DEVFLEX 4216 HP Semi-Gloss
 - 2nd Coat: Same as 1st Coat

5. At Dissimilar Metals
 - Sherwin Williams:
 - 1st Coat: SW Hi-Mil Sher-Tar Epoxy, B60B40 / B60V40
 - Glidden Professional:
 - 1st Coat: Devco Coatings Tru-Glaze 4508 Chemical Resistant Epoxy Coating, 4508-XXXXH/ 4508-9999H



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**23110 WEST I-10
 LOT 3 Dominion Creek,
 San Antonio, 78257 Texas**

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SPECIFICATIONS
 PROJECT NO.
05-05-22
 SHEET NO.
SP.9

Design and Construction Standards

Design Criteria

Division 21 Fire Suppression Systems

The issuance and revision history of this Section is tabulated below. Please destroy any previous copy in your possession.

| Rev Date | Pages | Remarks | Documents Referenced |
|----------|-------|------------------------------|---|
| 7/1/2016 | All | New Design Guideline created | 21.00.00 Fire Sprinkler Systems - 01-09-2013.docx; 21.00.10 Standpipe Systems - 01-09-2013.docx; 21.00.00 Fire Extinguishing Systems - 01-09-2013.docx; 21.30.00 Fire Pumps - 01-09-2013.docx |

| Rev Date | Pages | Remarks | Documents Referenced |
|-----------|-------|--|---|
| 12/1/2016 | All | Replaced existing document with revised outline per Fire Protection Services. (See bottom of document for 7/1/2016 version of file along with original comments (shown as deleted in tracked changes). Note: Under the "Show Markup" flyout menu select "Show all revisions inline". | 21.00.00 Fire Sprinkler Systems - 01-09-2013.docx; 21.00.10 Standpipe Systems - 01-09-2013.docx; 21.20.00 Fire Extinguishing Systems - 01-09-2013.docx; 21.30.00 Fire Pumps - 01-09-2013.docx |
| 4/24/2017 | All | Comments and tracked changes removed for publication. | |
| 3/17/2021 | 1 | Guideline revised to Criteria. | |

12/1/2016 All Replaced existing document with revised outline per Fire Protection Services. (See bottom of document for 7/1/2016 version of file along with original comments (shown as deleted in tracked changes). Note: Under the "Show Markup" flyout menu select "Show all revisions inline".
21.00.00 Fire Sprinkler Systems - 01-09-2013.docx; 21.00.10 Standpipe Systems - 01-09-2013.docx; 21.20.00 Fire Extinguishing Systems - 01-09-2013.docx; 21.30.00 Fire Pumps - 01-09-2013.docx

4/24/2017 All Comments and tracked changes removed for publication.

3/17/2021 1 Guideline revised to Criteria.

1.1 GENERAL

A. This standard is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. The responsibility of the engineer is to apply the principles of this section and the ones that follow so that the University may achieve a level of quality and consistency in the fire suppression design of their facilities. Deviations from these must be justified through LCC analysis and submitted to the University for approval.

1.2 CODES (THE EDITIONS REFERENCED IN THE ADOPTED EDITION OF NFPA 101 SHALL BE USED):

- A. NFPA 1 – Fire Code
- B. NFPA 13 – Installation of Sprinkler Systems
- C. NFPA 14 – Standard for the Installation of Standpipe and Hose Systems.
- D. NFPA 16 – Foam Water Spray Systems for Fire Protection
- E. NFPA 17 – Standard for Dry Chemical Extinguishing Systems.
- F. NFPA 17A – Standard for Wet Chemical Extinguishing Systems.

- 3. The Fire Protection Plans should indicate the location of the fire water entry point(s) into the building(s), and the location of key system infrastructure including risers, control valves, test connections, corrosion prevention equipment, etc.
- 4. The Fire Protection Plans should indicate the sprinkler types, such as concealed heads, upright heads, semi-recessed heads, dry pendant heads, sidewall heads, etc. for the various spaces.
- 5. Details should be provided for key infrastructure or areas with specialized installations.
- C. Standpipe Systems:

1. Standpipe System Design

- a. Standpipe systems shall be designed as Class I or Class III, automatic-wet or manual-wet standpipes, as required by NFPA 1, NFPA 101, and the International Fire Code as adopted and amended by the Austin Fire Department. In areas where the temperature cannot be maintained above 40 degrees F a manual-dry standpipe system shall be provided.
- b. Each standpipe shall be provided with listed 2½ inch NST hose valves with caps located on the intermediate stairwell landings as required by the City of Austin Fire Code, unless an alternate location is approved by the Austin Fire Department. Additional hose connections shall be provided where the most remote portion of a floor or story exceeds the minimum distances allowed by the City of Austin Fire Code.
- c. A hose connection shall be provided at the roof level where required by the City of Austin Fire Code.
- d. An additional hose connection shall be provided at the top of the most hydraulically remote standpipe to facilitate testing.
- e. Standpipe isolation valves shall be located within stairwells and shall be exposed and accessible unless otherwise approved by the University.
- f. Fire protection system maintenance points, such as valves, drains, etc., shall not be located in secure and/or sensitive locations such as Telecom Rooms, PTS Cashiers Offices and Janitor's Closets.
- 2. Standpipe Design Documents
 - a. Fire protection plans must include the design criteria for all standpipe systems, including required flow rates and minimum pressures.
 - b. Fire protection plans should show the location of all key system infrastructure including hose valves, risers, control valves, test connections, corrosion prevention equipment, etc.
 - c. Details should be provided for key infrastructure or areas with specialized installations.
 - d. A piping diagram should be provided of the standpipe system, indicating valves, supervisory switches, fire department hose valve locations such as in stairwells and other required locations, building fire department connection, post indicating valve, roof manifold, etc.

- G. NFPA 20 – Standard for the Installation of Stationary Pumps for Fire Protection.
- H. NFPA 24 – Standard for Installation of Private Fire Service Mains and Their Appurtenances
- I. NFPA 25 – Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.
- J. NFPA 45 – Standard on Fire Protection for Laboratories Using Chemicals
- K. NFPA 72 – National Fire Alarm and Signaling Code.
- L. NFPA 101 – Life Safety Code.
- M. NFPA 2001 – Standard on Clean Agent Extinguishing Systems.
- N. International Building Code
- O. UL300 – Fire Testing of Fire Extinguishing Systems for Protection of Restaurant Cooking Areas.

1.3 SCOPE OF DESIGN:

- A. It is the preference of the University to provide fire protection with automatic wet pipe sprinkler systems and standpipe systems.
- B. Alternative fire suppression systems such as dry or wet chemical suppression systems or clean agent fire suppression systems shall be provided where required by the applicable code(s).
- C. Non-required alternative fire suppression systems may be used to provide supplemental protection where approved by the University Fire Marshal.
- D. Use of alternative fire suppression systems in lieu of automatic sprinkler protection will only be allowed as part of an engineered design that provides an equivalent level of protection and is approved by the University Fire Marshal.

1.4 GENERAL DESIGN REQUIREMENTS

- A. Fire protection designs shall be provided on dedicated sheets (i.e. FP plans).
- B. Work that may impact existing systems must include impairment planning for any system outages (must comply with NFPA 101, 1, 25, and other applicable standards).
- C. Plans should identify where fire protection systems interface or interact with other building systems or components and must reference the appropriate plans for such interconnections.
- D. Plans should indicate the specific edition of codes and standards to be followed by the Contractor.

1.5 AS-BUILT DRAWINGS AND CLOSE-OUT DOCUMENTATION

A. The design engineer shall review and certify that As-Built drawings and Close-Out documentation is complete and correct.

1.6 WATER BASED FIRE PROTECTION SYSTEMS

- e. The specifications for the project should indicate that the hydraulic calculations should include a safety factor at the point of supply to the building of 10% or 10 psi, whichever is greater.
- D. Fire Department Connections:

- 1. Each fire department connection shall be flush wall-mounted type or free-standing type. Each fire department connection shall consist of 2-1/2-inch inlets with clappers compatible with equipment utilized by the City of Austin Fire Department and equipped with UL listed Knox caps keyed for the City of Austin Fire Department. The fire department connection shall be labeled as required by the City of Austin and the University. The fire department connection shall not be less than two feet and not more than 3 feet 6 inches in elevation, measured from the ground level to the centerline of the inlets.

E. Fire Pump Assemblies:

- 1. Fire pumps shall be single stage, centrifugal horizontal split-case pumps specifically labeled for fire protection use.
- 2. The controller shall be of the combined manual and automatic type designed for cross-the-line type starting. Variable Frequency Drive controllers are not acceptable.
- 3. The minimum withstand rating of the controller shall not be less than 30,000 Amps RMS Symmetrical at 480 volts.
- 4. The controller shall include a motor rated combination disconnect switch/circuit breaker, mechanically interlocked and operated with a single externally mounted handle. When moving the handle from "OFF" to "ON", the interlocking mechanism shall sequence the isolating disconnect switch "ON" first and then the circuit breaker. When the handle is moved from "ON" to "OFF" the interlocking mechanism shall sequence the circuit breaker open first, and then the isolating disconnect switch.
- 5. The controller shall have externally mounted, individual, visible indicators for "Power Available", "Phase Reversal", "Pump Running", and "Run Time On".
- 6. The controller shall be wired so that the fire pump can be shut down automatically utilizing pump run-timer.
- 7. Individual "Power Failure", "Phase Reversal" and "Pump Running" alarm contacts shall be wired for connection to the Main Fire Alarm Control Panel, and the FCMS.
- 8. Where required by NFPA 20, the controller shall be equipped with an automatic transfer switch. Power to the transfer switch shall be supplied by one of the NFPA 20 required power sources.

1.7 ALTERNATIVE FIRE SUPPRESSION SYSTEMS

- A. Alternative Fire Suppression System Design
 - 1. Alternative suppression systems shall be selected based on the hazard(s) being protected. A hazard analysis of the area being protected should be included with the system design.
 - 2. Any limitations on the use of the space or equipment protected related to the fire suppression system must be clearly identified in the design documents.

A. Water Supplies for Water Based Fire Protection Systems

- 1. The preference is for the building to be supplied fire water from the Campus fire water distribution System. If this is not possible, then fire water should be supplied to the building from the Campus domestic water system. If this is not possible, then fire water should be supplied to the building from the City water supply.
- 2. The design engineer is required to verify the adequacy of the water pressure and other pertinent water supply data from either the campus Fire Water Distribution System (FWDS) or the City of Austin water distribution system, depending on which system will be utilized to supply the new sprinkler and/or standpipe system. The design engineer shall immediately notify the UT Fire Marshal and Project Manager of the need for testing or results from previous flow tests in order to base the design of the preliminary design of the system on. The following information shall be provided in the project specifications as a basis of design:
 - a. Building Name and flange elevation (ft).
 - b. Test hydrants (hydrant numbers and location) and hydrant elevations (ft).
 - c. Flow rate (gpm), static pressure (psi), and residual pressure (psi).

- 3. Portions of the campus have been provided with a dedicated Fire Water Distribution System (FWDS) supplied by existing fire pumps to supply standpipe and sprinkler systems. If the building may be connected to the FWDS, a water flow pump test shall be performed by the contractor with FSSS providing labor to run the test (FSSS will NOT be responsible for the test readings and the contractor shall supply all equipment necessary to obtain the readings including pressure gauges, pitot tubes, etc.) calculations must be provided to the University utilizing the existing FWDS fire pumps to provide the highest pressure and flow demand required for the sprinkler or standpipe system planned for the building, prior to the design and installation of a new building fire pump system. Upon University approval of the calculations and fire pump product data, if the FWDS fails to meet the highest calculated demand, design and procurement of the fire pump system components may be initiated. If the calculations indicate the FWDS fire pumps can provide the required flow and pressure for the building standpipe and/or sprinkler systems, a new fire pump is not required and the system may be connected to the campus FWDS.

- 4. The specifications for the project should indicate that the hydraulic calculations should include a safety factor at the point of supply to the building of 10% or 10 psi, whichever is greater.

5. The incoming water service for new systems shall be provided with a listed post indicator gate valve with a tamper switch to be monitored by the building fire alarm panel.

B. Fire Sprinkler System Requirements

- 1. Fire Sprinkler System Design
 - a. Fire sprinkler systems shall be wet pipe systems unless the area protected cannot be maintained above 40 degrees F, as required per NFPA 13. In such areas a dry pipe system must be provided, antifreeze systems are not permitted.

- 3. If the suppression system has any limitations on leakage from the protected area, openings into/from the protected area, or other requirements for the construction of the protected area they must be clearly identified in the design documents. The engineer is responsible for coordinating with the project architect to ensure that the architectural design and construction is adequate.

B. Alternative Fire Suppression System Design Documents

- 1. Fire protection plans must include the design criteria for fire suppression systems, including flow/application rates and application time.
- 2. Fire protection plans should show the location of all key system infrastructure including nozzles, agent storage, releasing equipment, and controls.
- 3. Fire Protection Plans should indicate any special interface requirements with other trades.
- 4. Details should be included for key components and infrastructure.

END OF STANDARD

- b. In areas where it is not desired to have water filled piping dry or pre-action type systems may be provided. Use of such systems must be approved by the University Fire Marshal.

- c. Multi-story buildings should be configured so that each story has its own system, with a floor control assembly for each story, or multiple floor control assemblies per story where required by NFPA 13. A remote express drain and inspectors test should also be provided. The floor control assembly supplying the sprinkler system is required to have a check valve per NFPA 14. A secondary drain in the most remote stairwell shall be installed in addition to the drain of the floor control assembly.

d. Corrosion Prevention:

- 1) Steel piping used for fire sprinkler systems should have an internal anti-microbial coating.
- 2) Corrosion resistant sprinkler heads should be used where exposed to corrosive vapors and environments.
- 3) Automatic air vents and corrosion monitoring stations shall be provided.
- 4) Corrosion Monitoring Stations:

- a) Potter Model PMCS-RM (stock #1119546 PMSCS-RM for wet or dry pipe systems) monitoring station with PCMPK-1 monitoring probe option (stock # 0090180) wired to the fire alarm panel.
- b) Engineered Corrosion Solutions (ECS) model ICMS-W (WET PIPE) OR icms-d (dry pipe) monitoring station, with DCM-1 monitoring probe option wired to fire alarm panel.

- 5) Automatic Air Vents: Air ejectors are required on every floor to be sprinklered and at the top of each standpipe as required by NFPA 14. All air ejectors located on each floor are to be located at the remote test drain assemblies or at the highest point of the sprinkler system. These are to be piped into the remote express drain or closest suitable drain termination point when required by the manufacturer's installation instructions. Air ejectors on the top of standpipes that have main and express drains located next to them are to be piped into the drains when required by the manufacturer's installation instructions. The remaining air ejectors are to be installed per the manufacturer's installation instructions. If the area of installation is constructed of materials or located so as to subject stairwell or surrounding spaces to extensive damage, should the ejectors fail and discharge water, it may be necessary to pipe the ejector to the nearest drain source. UT PMCS and/or OFPC to determine the need for this equipment. Specify the following:

- a) Engineered Corrosion Solutions (ECS) Model PAV-W.

- b) Potter Equipment Model PAV (stock #1119720) air vents and components.

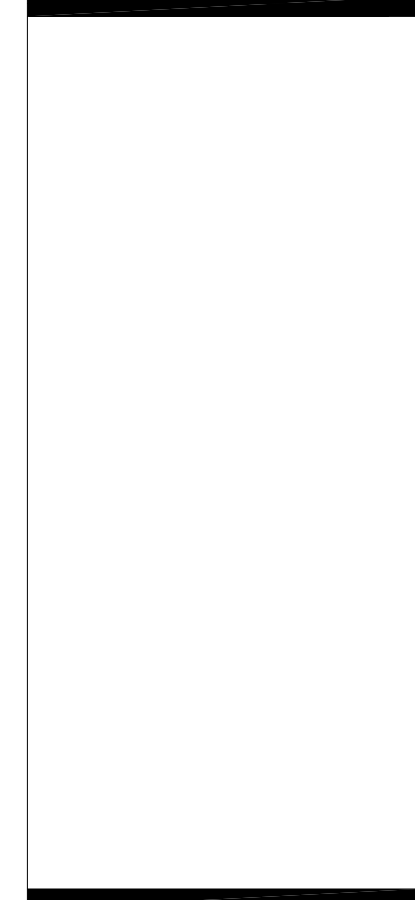
- e. Fire protection system maintenance points, such as valves, drains, etc., shall not be located in secure and/or sensitive locations such as Telecom Rooms, PTS Cashiers Offices and Janitor's Closets.

2. Fire Sprinkler Design Documents

- a. Fire protection plans must include the design criteria for all areas protected by the system (NFPA 13 hazard classification, density/area requirements, or specialized design criteria from NFPA 13 or other standards).



DRAWING COORDINATION
Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub-Contractors shall review and coordinate the entire set of drawings and specifications.



**231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas**

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SPECIFICATIONS

PROJECT NO.
05-05-22

SHEET NO.

SP.16



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY PHILIPPE J. LALONDE, P.E. 8/26/04 COEF. 70701 ON MAR. 29, 2023

DRAWING COORDINATION
Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications

FOUNDATION PLAN

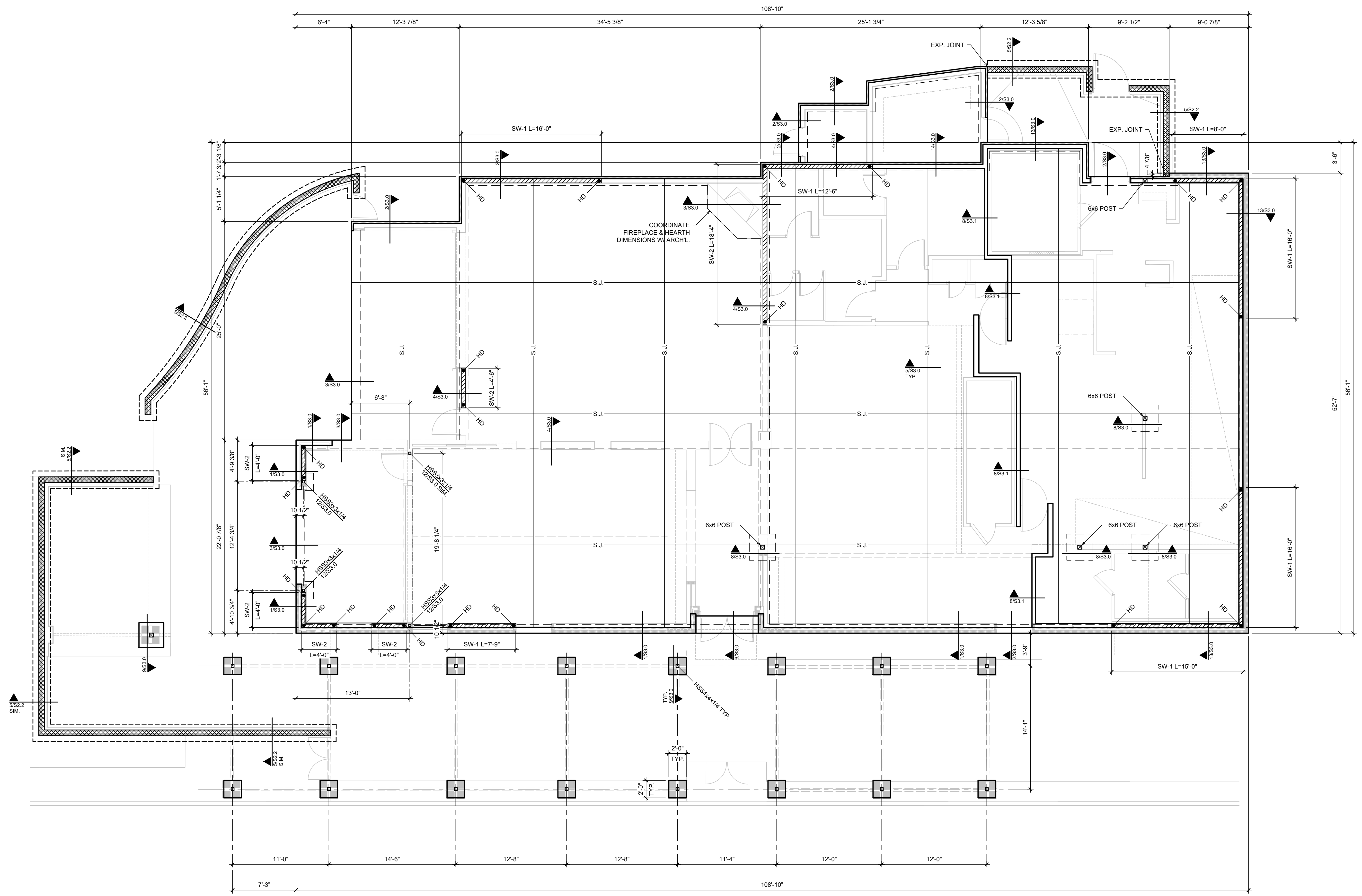
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LOT 3 Dominion Creek,
San Antonio, 78257 Texas**

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PROJECT NO.
05-05-22

SHEET NO.
S2.0

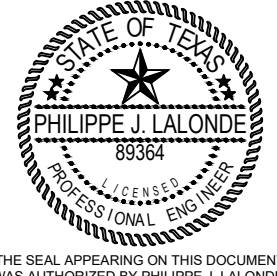
LALONDE ENGINEERING, INC.
CONSULTING STRUCTURAL ENGINEERS
6617 RED BUD ROAD
FORT WORTH, TX 76135
PHONE: 817-337-8596
FAX: 817-238-1520
COB #72719
LE PROJECT - 231101



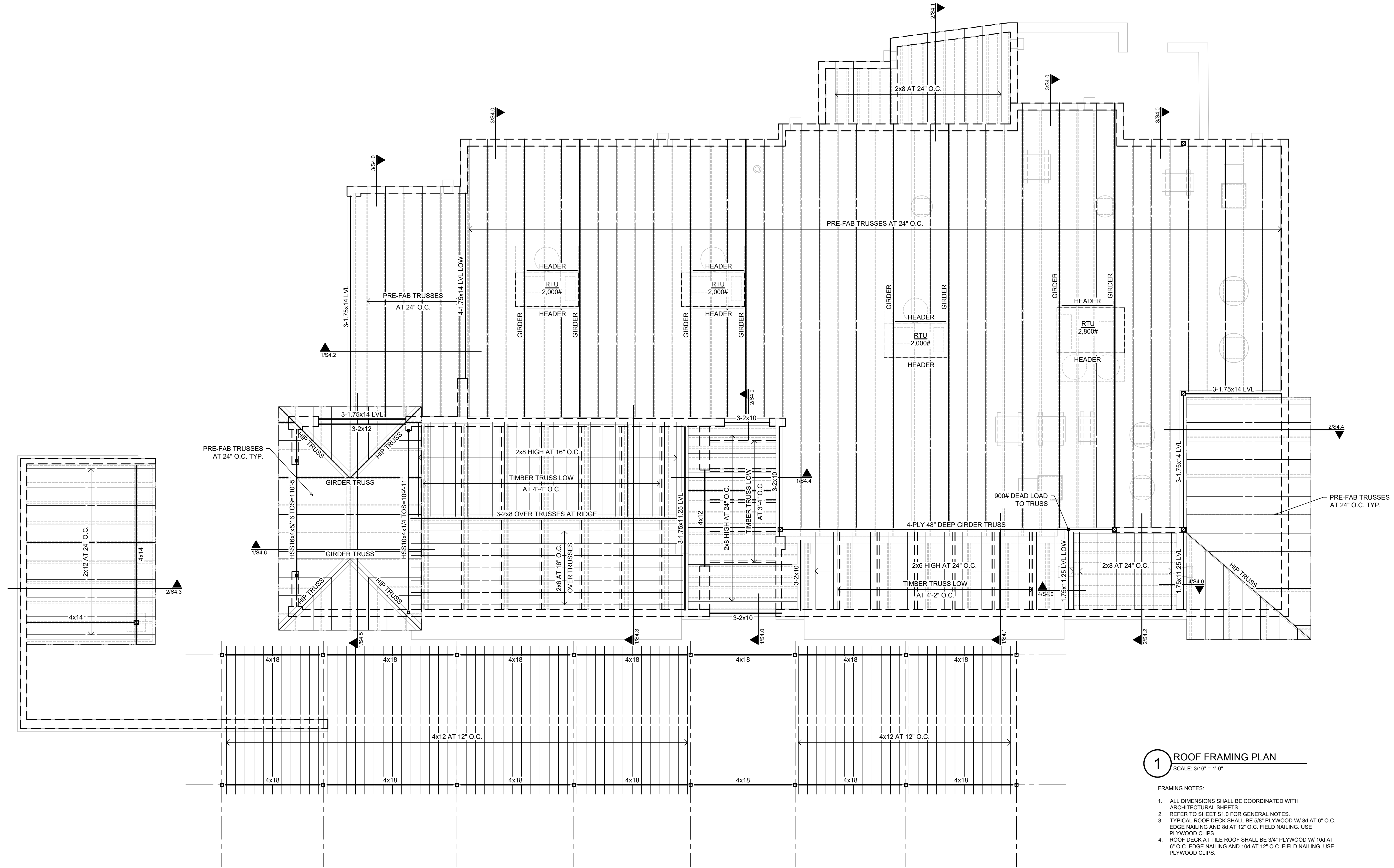
| SHEAR WALL SCHEDULE | | | | |
|---------------------|-------------------------|-------------------------|---|------------------------------|
| MARK | PANEL | BOUNDARY & EDGE NAILING | HOLDOWN EACH END | POST EACH END |
| SW-1 | 15/32" STR-1 | 10d AT 4" O.C. | SIMPSON HDU5-SDS2.5 W/ 5/8"Ø HILTI HY200 ADHESIVE ANCHOR W/ 16" EMBEDMENT | 2-2x POST |
| SW-2 | 15/32" STR-1 BOTH SIDES | 10d AT 3" O.C. | (2) SIMPSON HDU8 W/ 7/8"Ø HILTI HY200 ADHESIVE ANCHOR W/ 17" EMBEDMENT | 2-2x POST (2 POSTS EA. SIDE) |

- NOTES:**
- FIELD NAILING IS 10d AT 12" O.C. TYP. (NON SHEAR WALLS) SHALL BE 1/2" NOMINAL PLYWOOD WITH 8d AT 6" O.C. EDGE NAILING.
 - ALL PANEL JOINTS SHALL BE BLOCKED W/ 2x BLOCKING.
 - 5/8"Ø SILL BOLTS AT 24" O.C. AT SHEAR WALLS. 48" O.C. OTHERWISE. REF. GENERAL NOTES.
 - REFER TO 2/S4.2, 3/S4.2 & 4/S4.2 FOR ADDITIONAL SHEAR WALL INFORMATION.

- 1 FOUNDATION PLAN**
SCALE: 3/16" = 1'-0"
- FOUNDATION PLAN NOTES:**
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND DETAILS.
 - REFERENCE SHEET S1.0 FOR GENERAL NOTES.
 - SLAB SHALL BE 5" THICK CONCRETE REINFORCED WITH #4 AT 16" O.C.E.W.
 - REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR SLAB PENETRATION AND DRAIN LOCATIONS.



DRAWING COORDINATION
 Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.



1 ROOF FRAMING PLAN
 SCALE: 3/16" = 1'-0"

- FRAMING NOTES:
1. ALL DIMENSIONS SHALL BE COORDINATED WITH ARCHITECTURAL SHEETS.
 2. REFER TO SHEET S1.0 FOR GENERAL NOTES.
 3. TYPICAL ROOF DECK SHALL BE 5/8" PLYWOOD W/ 8d AT 6" O.C. EDGE NAILING AND 8d AT 12" O.C. FIELD NAILING. USE PLYWOOD CLIPS.
 4. ROOF DECK AT TILE ROOF SHALL BE 3/4" PLYWOOD W/ 10d AT 6" O.C. EDGE NAILING AND 10d AT 12" O.C. FIELD NAILING. USE PLYWOOD CLIPS.

ROOF FRAMING PLAN

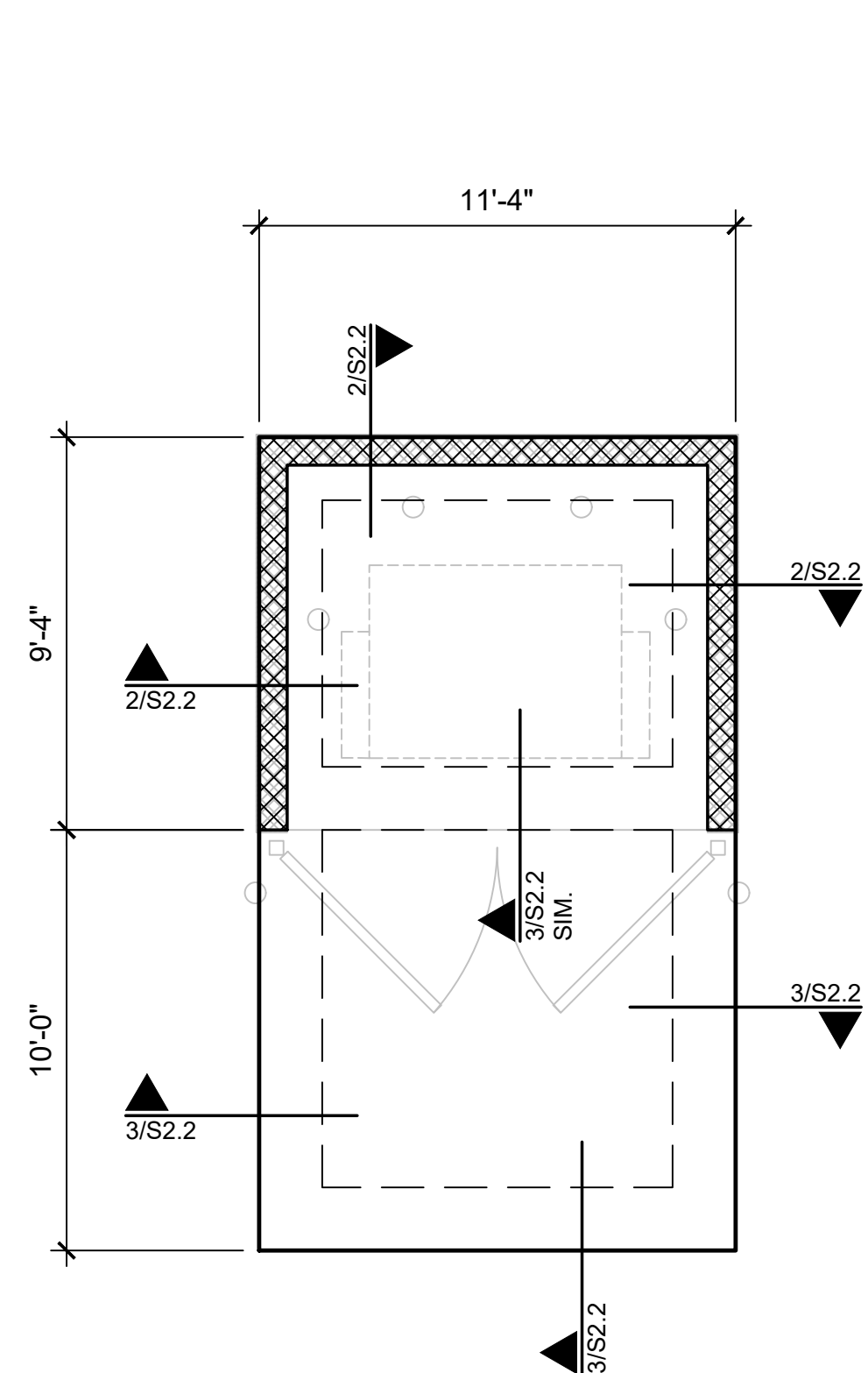
23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

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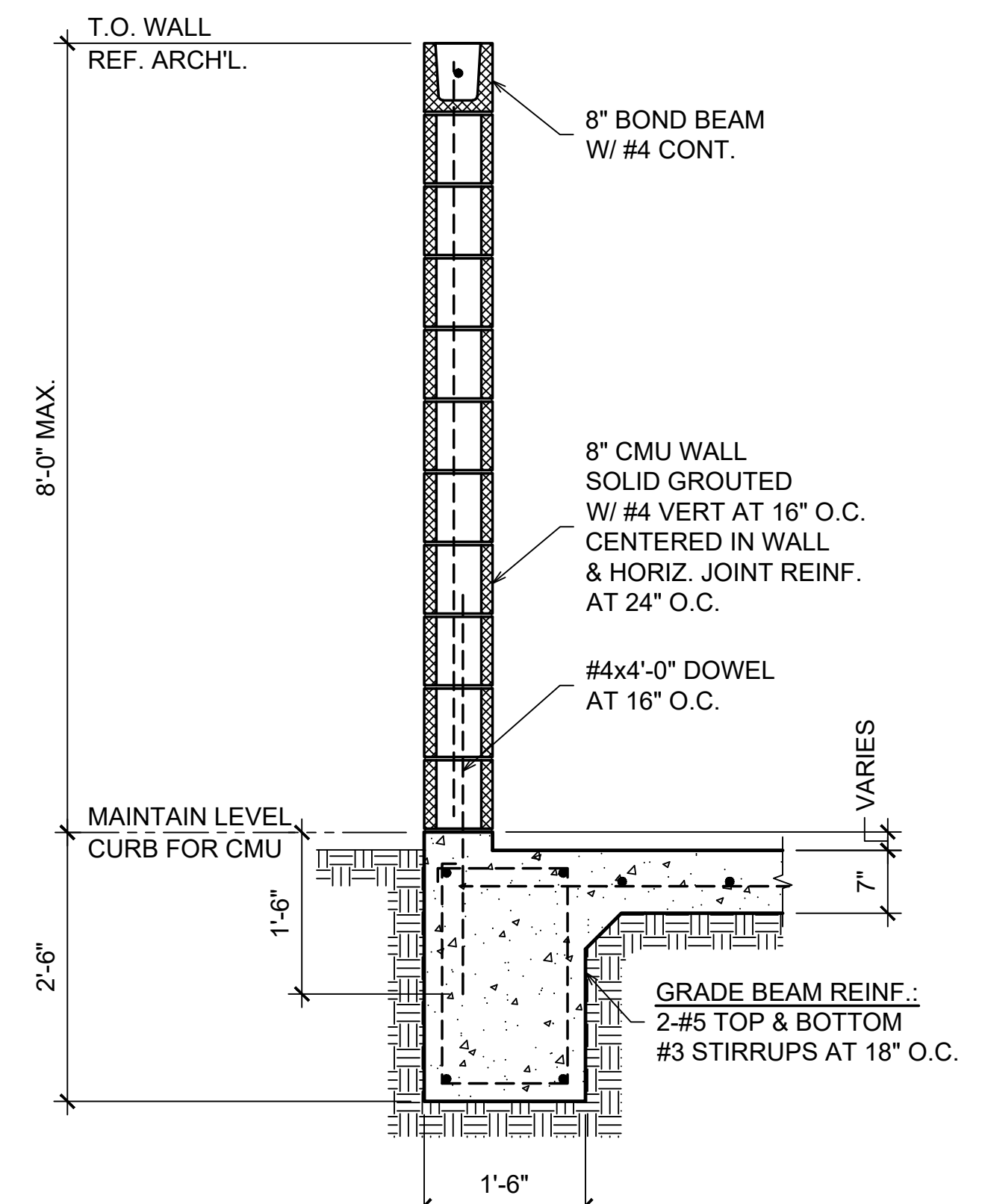
PROJECT NO.
05-05-22

SHEET NO.
S2.1

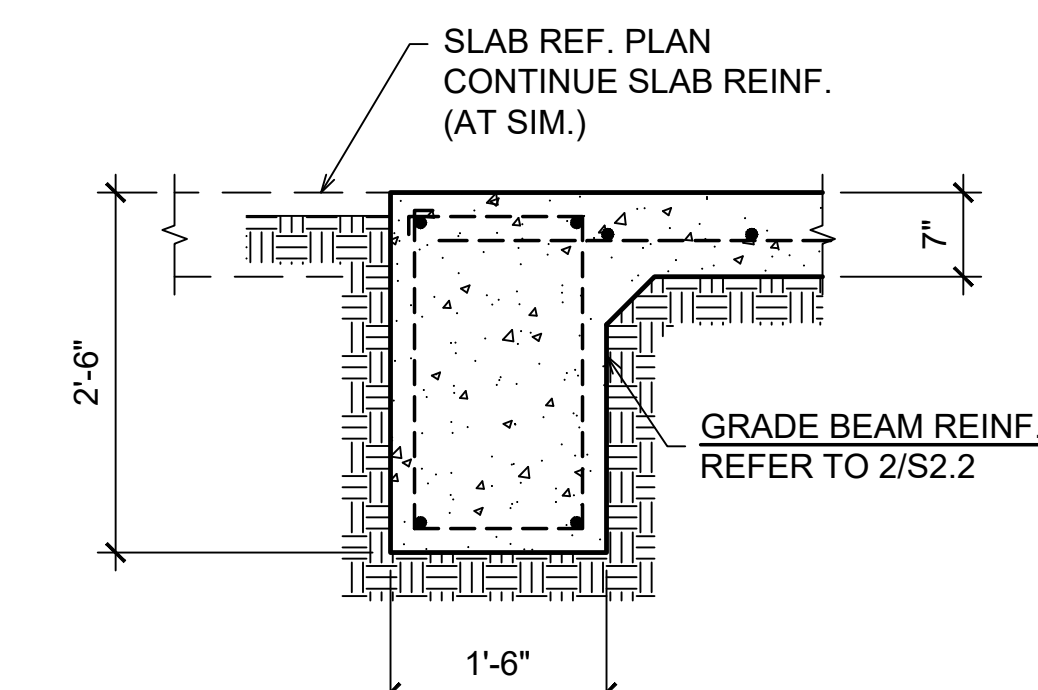
LALONDE ENGINEERING, INC.
 CONSULTING STRUCTURAL ENGINEERS
 6617 RED BUD ROAD
 FORT WORTH, TX 76135
 PHONE: 817-337-6596
 FAX: 817-238-1520
 COB# F7979



1 DUMPSTER FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

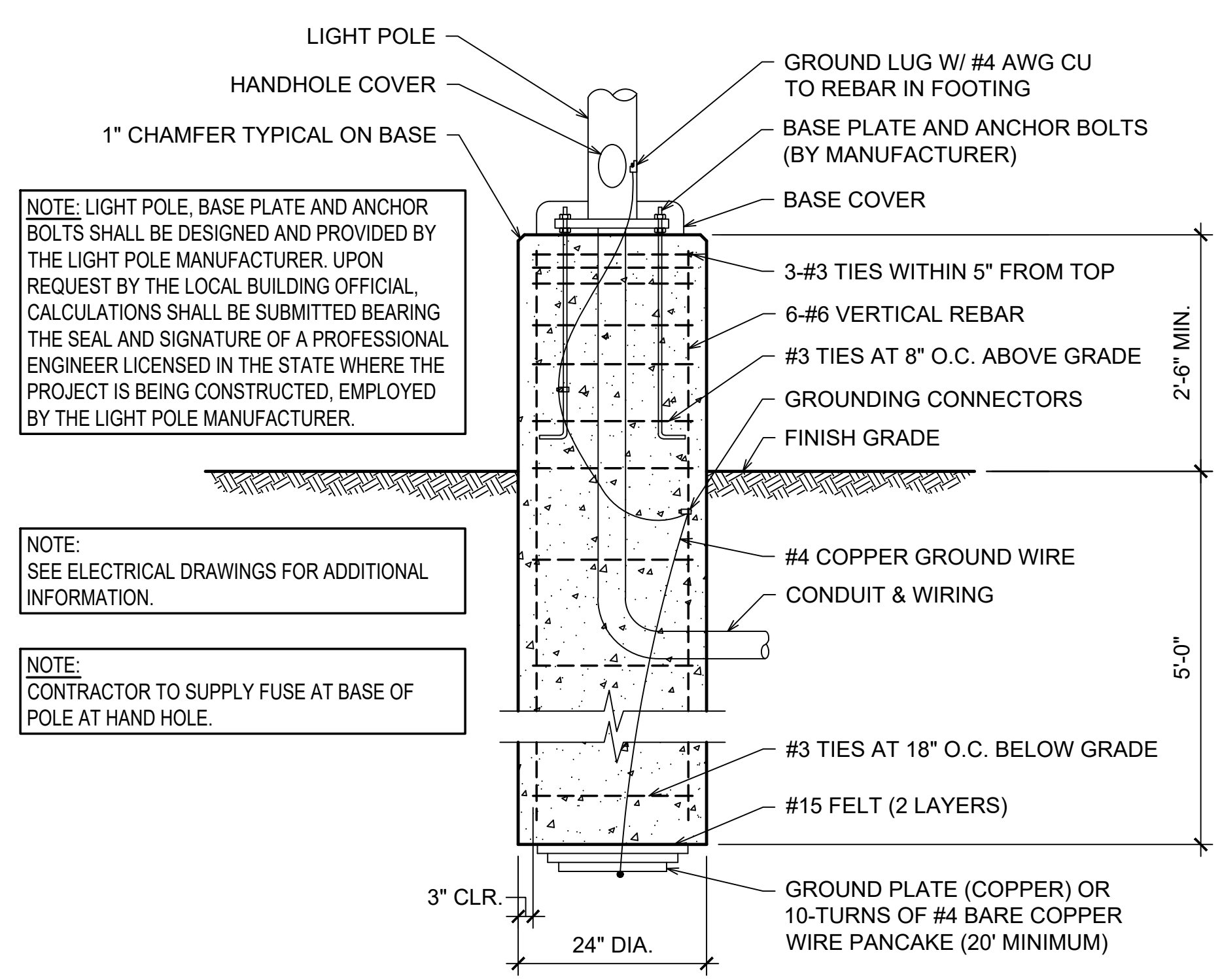


2 DUMPSTER PAD WALL SECTION
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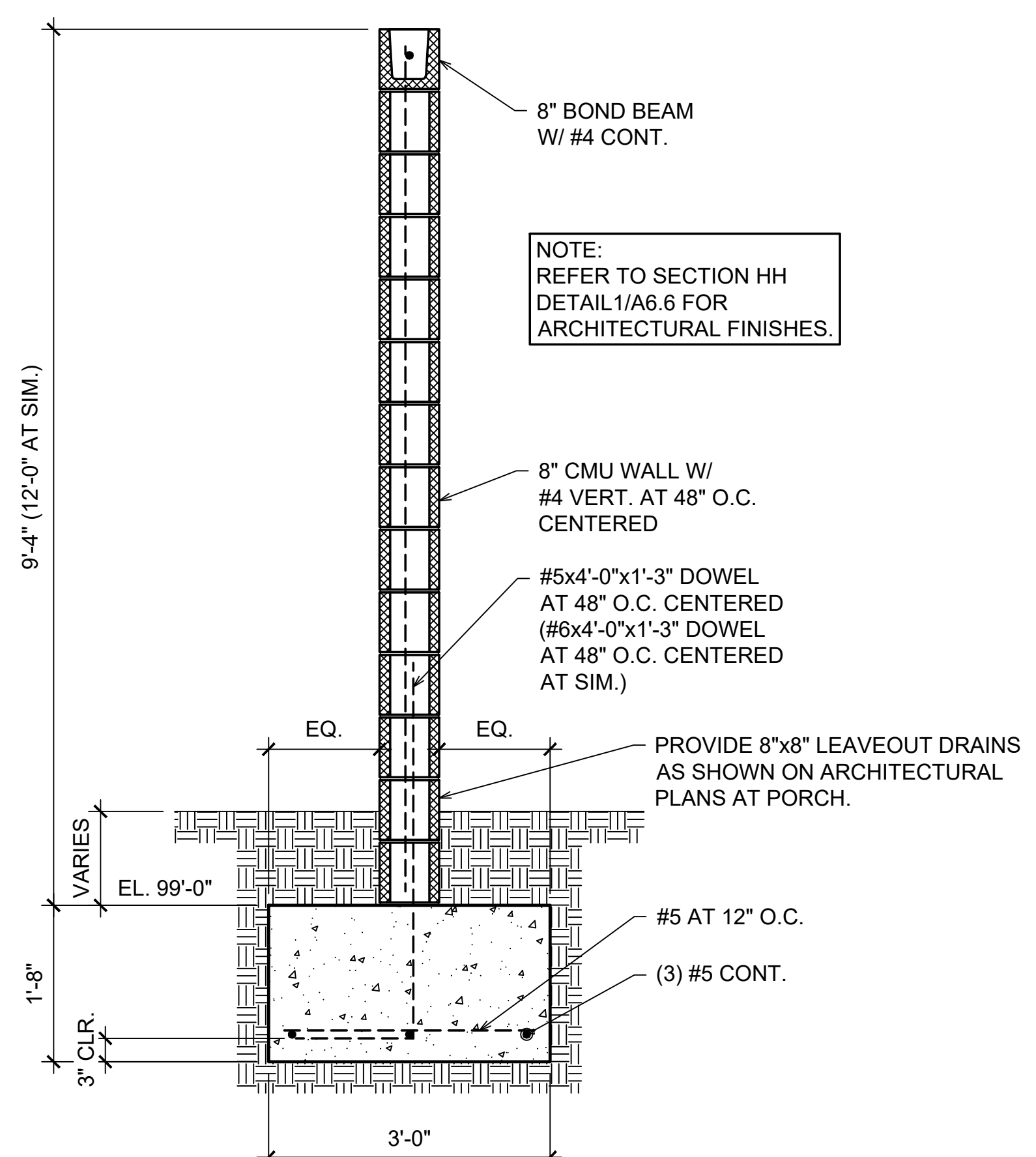


3 DUMPSTER EDGE SECTION
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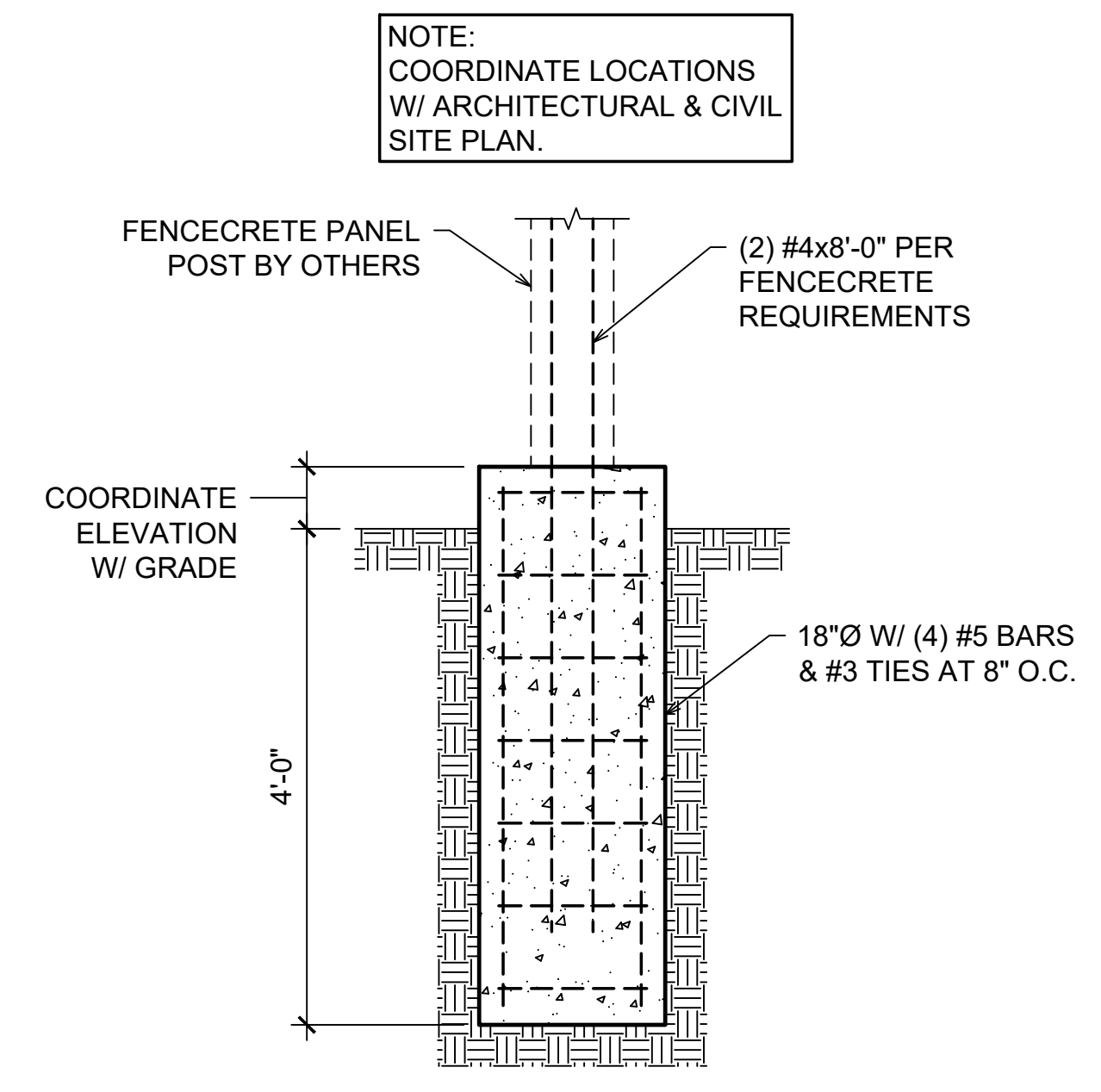
- FOUNDATION PLAN NOTES:
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND DETAILS.
 - REFERENCE CIVIL FOR ALL SIDEWALKS AND STOOPS.
 - REFERENCE SHEET S1.0 FOR GENERAL NOTES.
 - SLAB SHALL BE 7" CONCRETE REINFORCED WITH #4 AT 18" O.C.E.W. CENTERED IN SLAB.
 - SLOPE DUMPSTER FOUNDATION 1/4 INCH PER FOOT.



4 SITE LIGHTING BASE DETAIL
SCALE: 3/4" = 1'-0"



5 SECTION AT SCREEN WALL
SCALE: 3/4" = 1'-0"

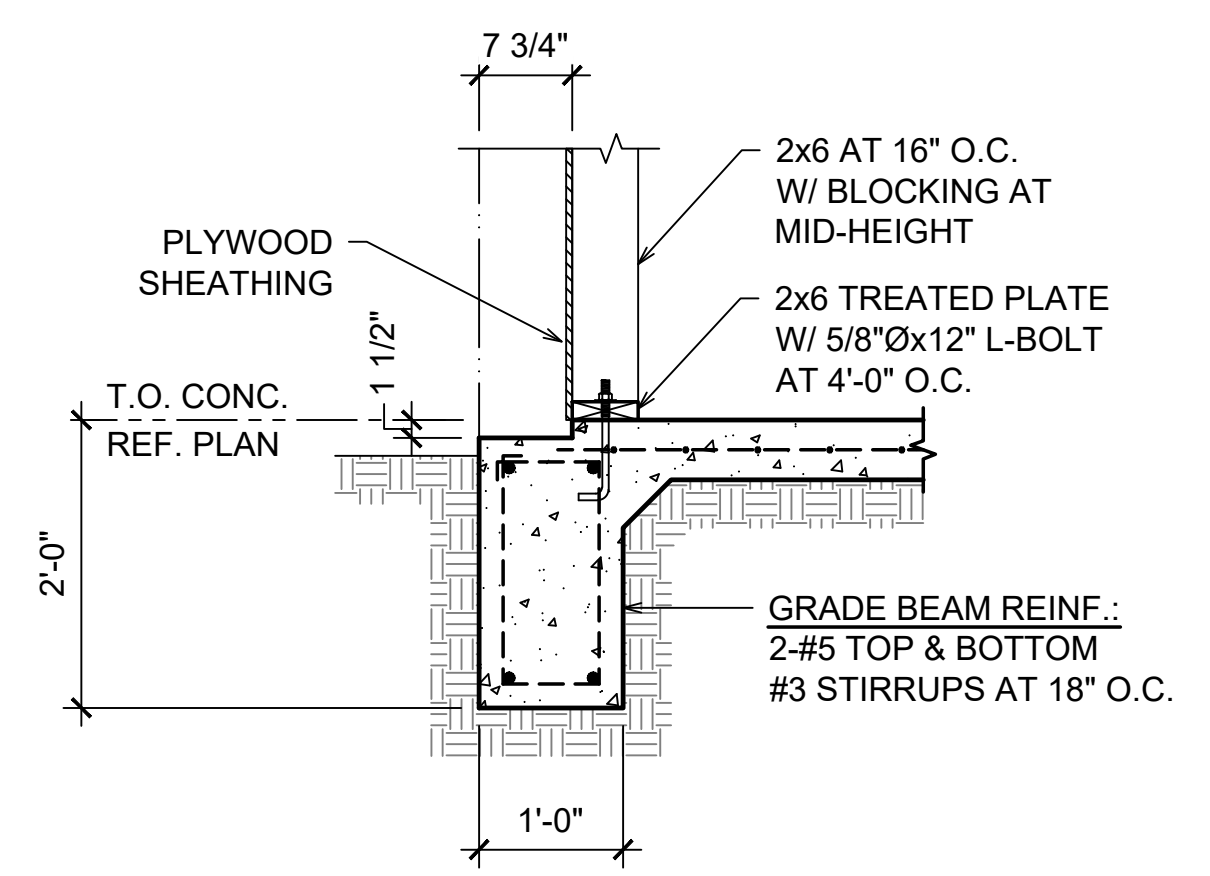


6 FENCECRETE FOOTING
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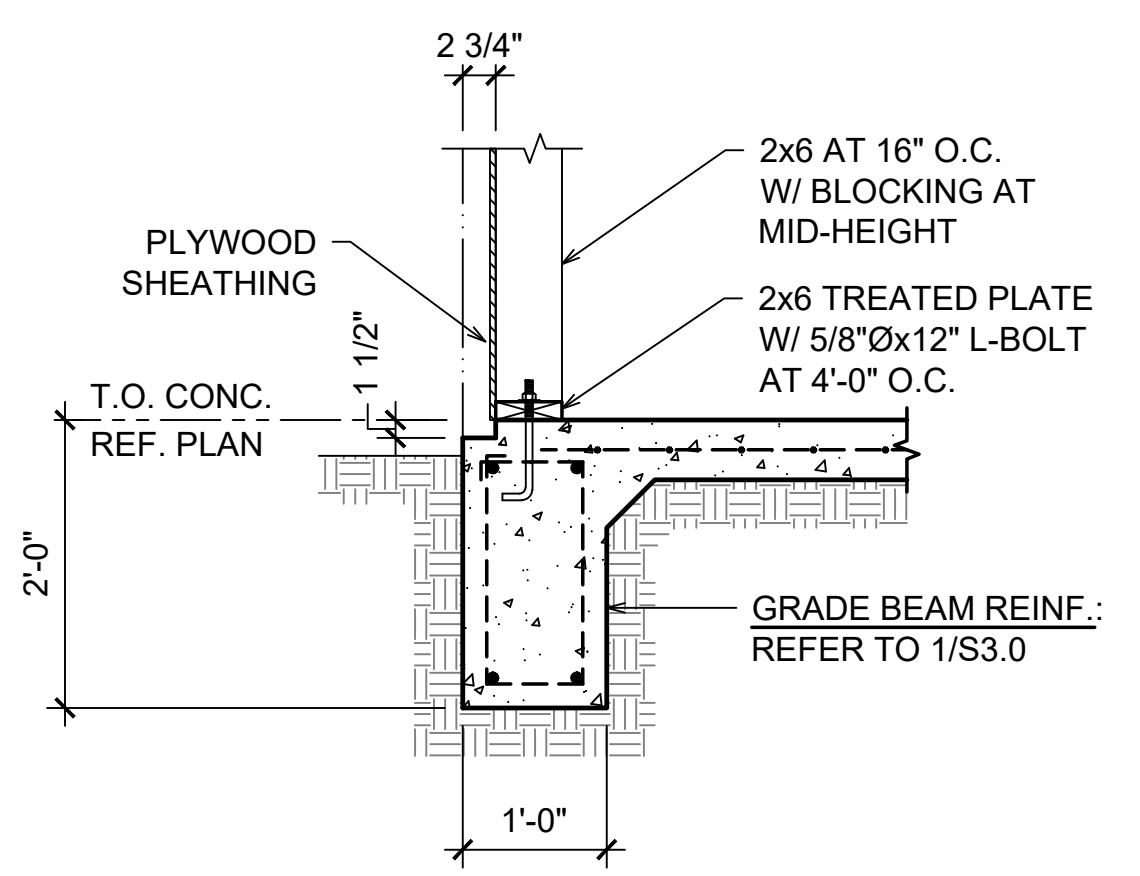
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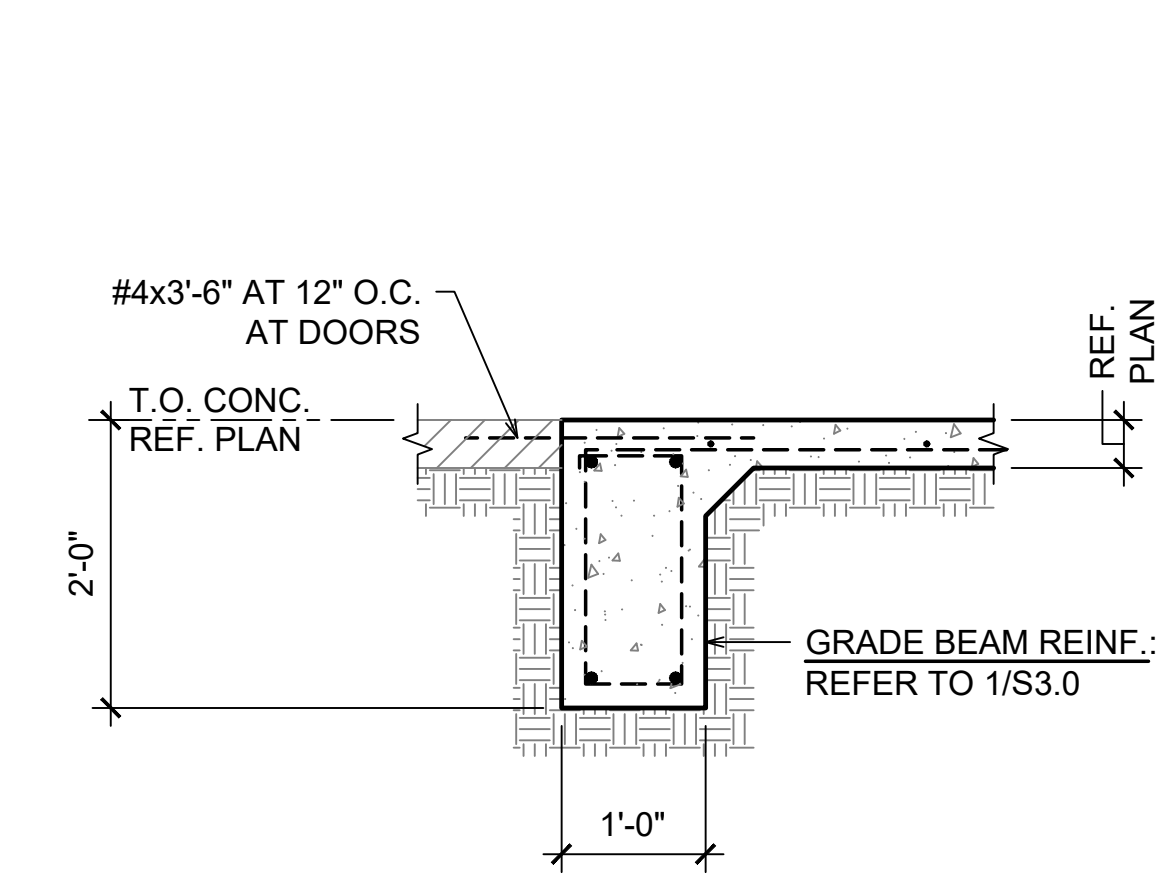
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S2.2



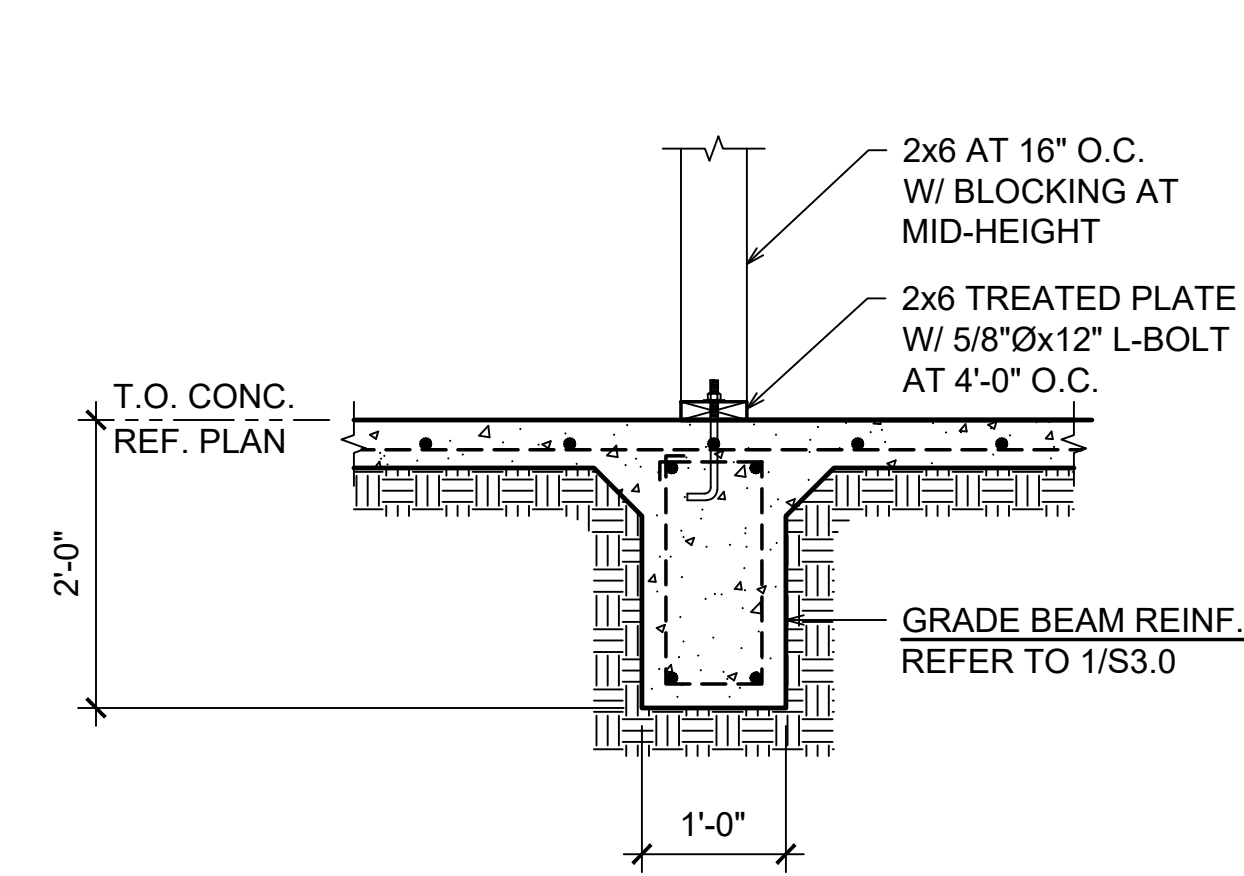
1 PERIMETER GRADE BEAM
SCALE: 3/4" = 1'-0"



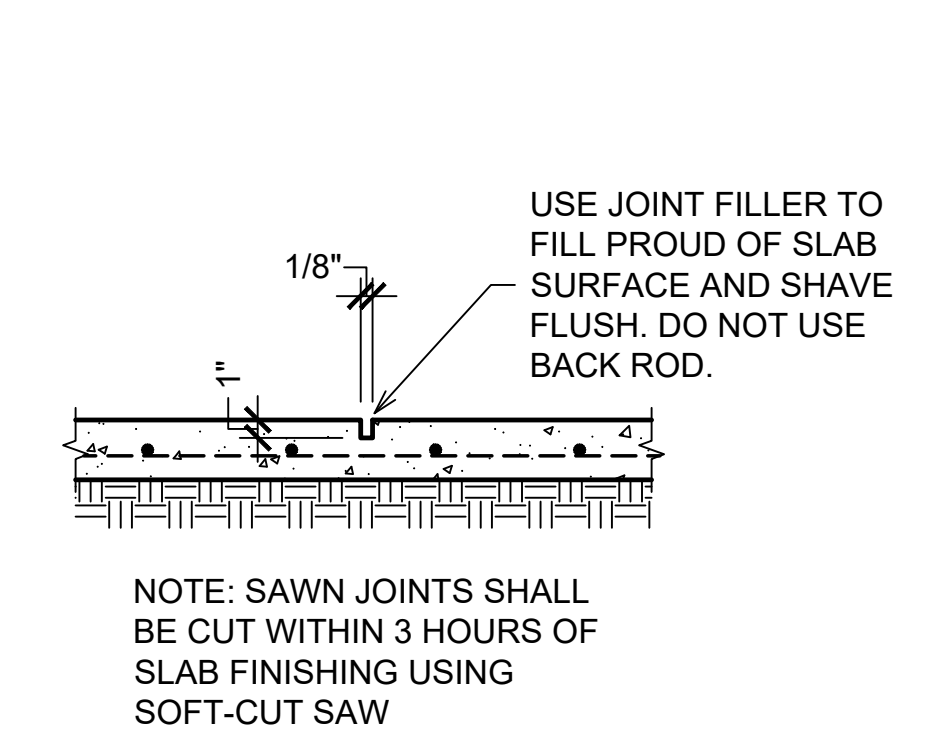
2 PERIMETER GRADE BEAM
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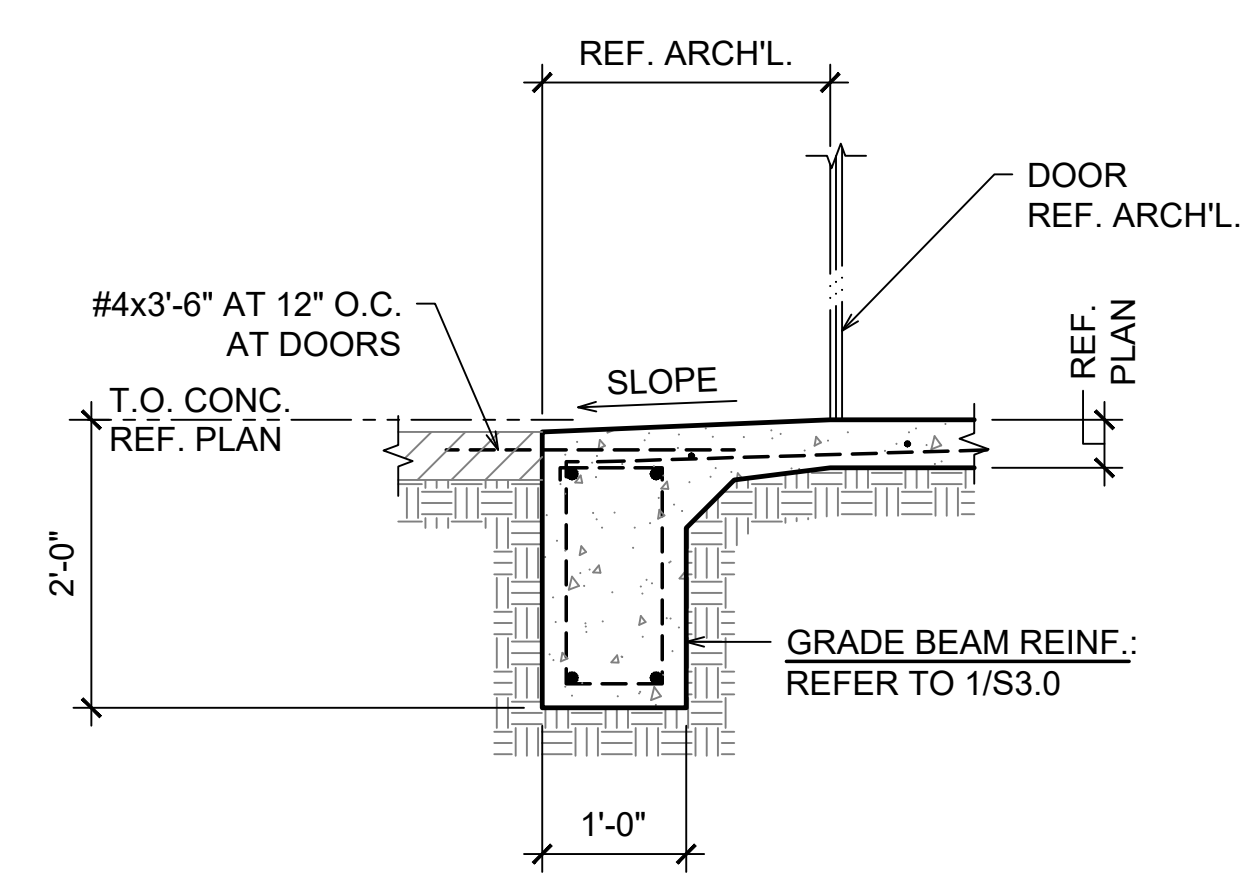
3 PERIMETER GRADE BEAM
SCALE: 3/4" = 1'-0"



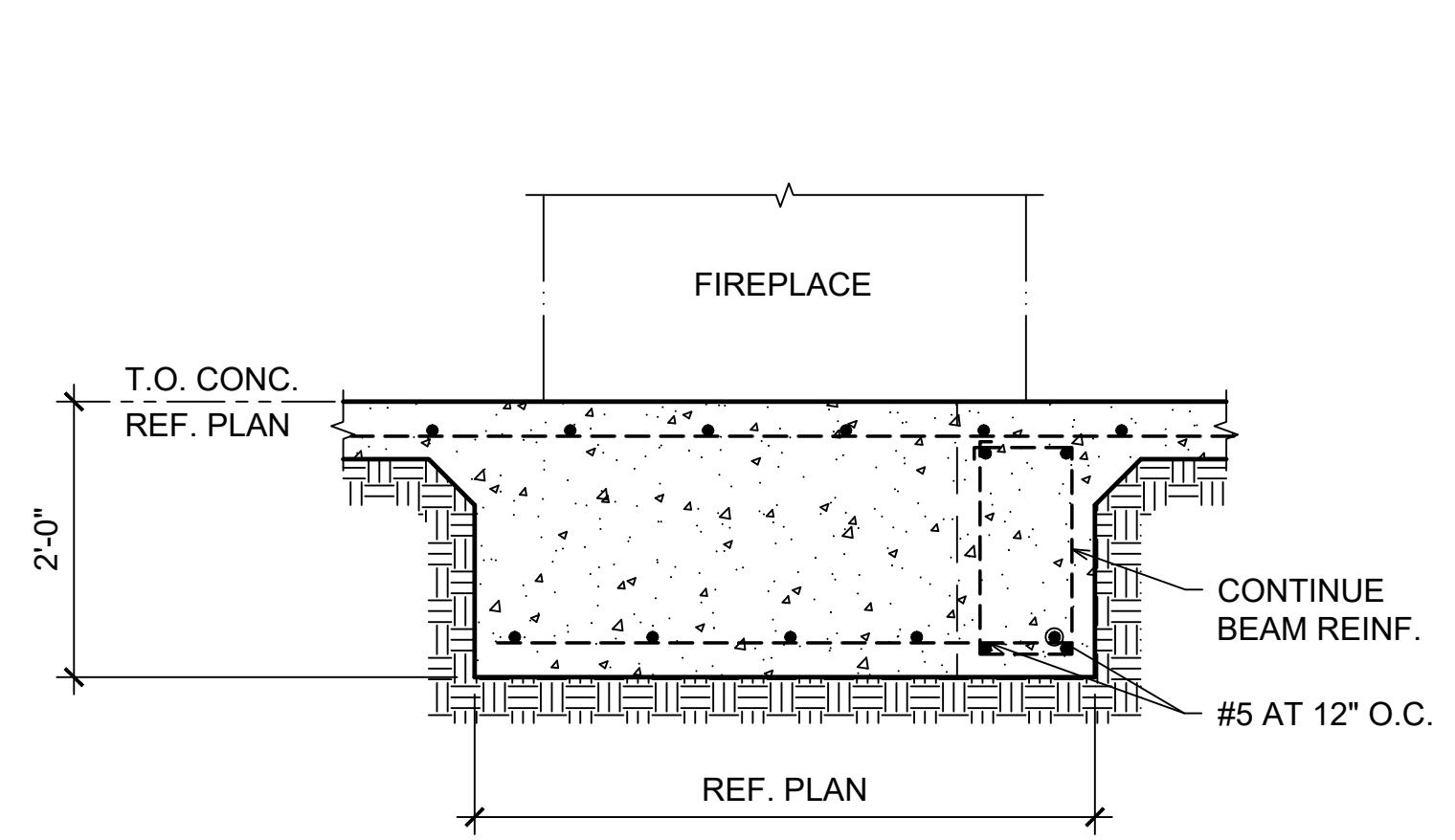
4 INTERIOR GRADE BEAM
SCALE: 3/4" = 1'-0"



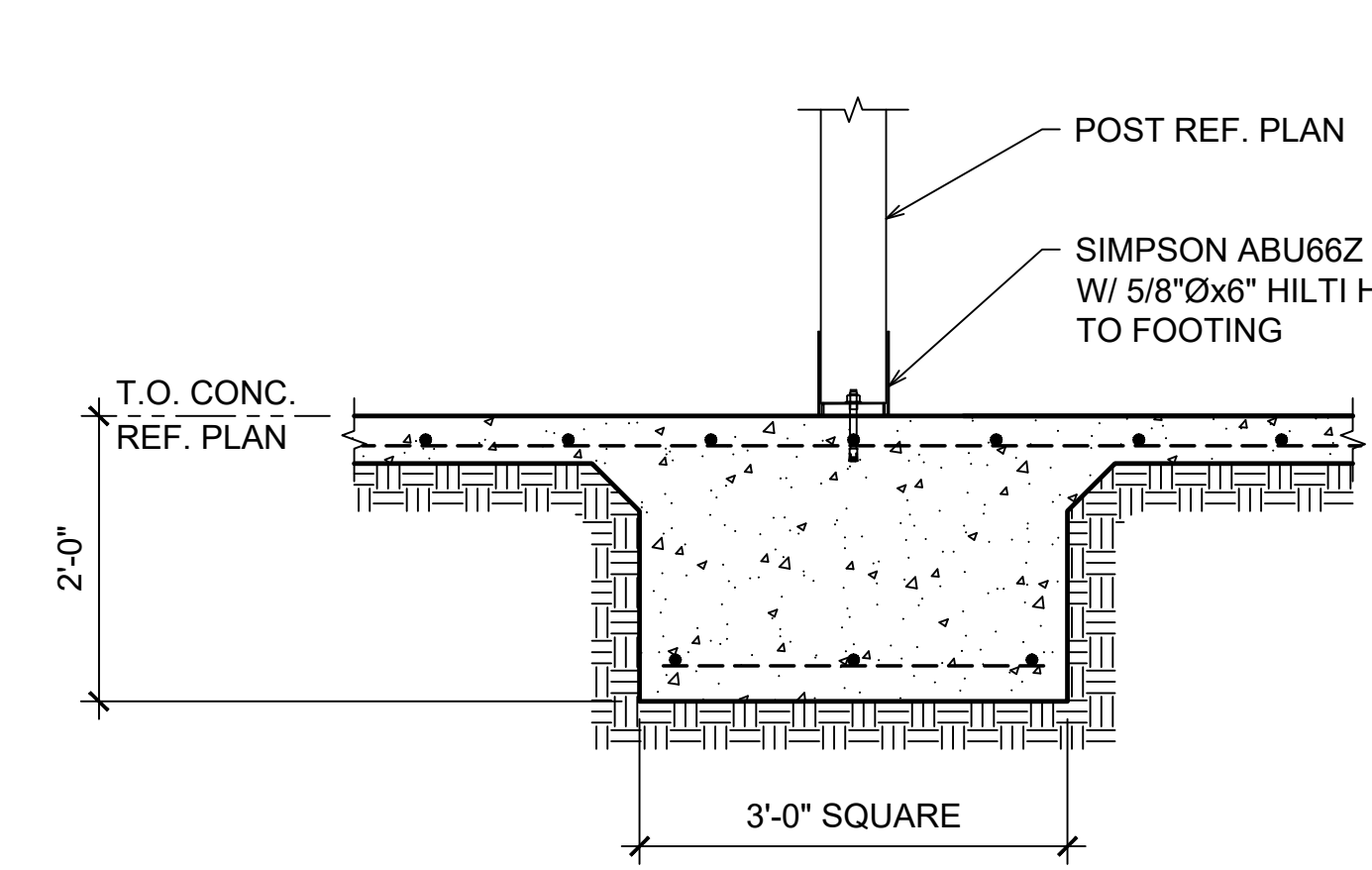
5 SAWN JOINT DETAIL
SCALE: 3/4" = 1'-0"



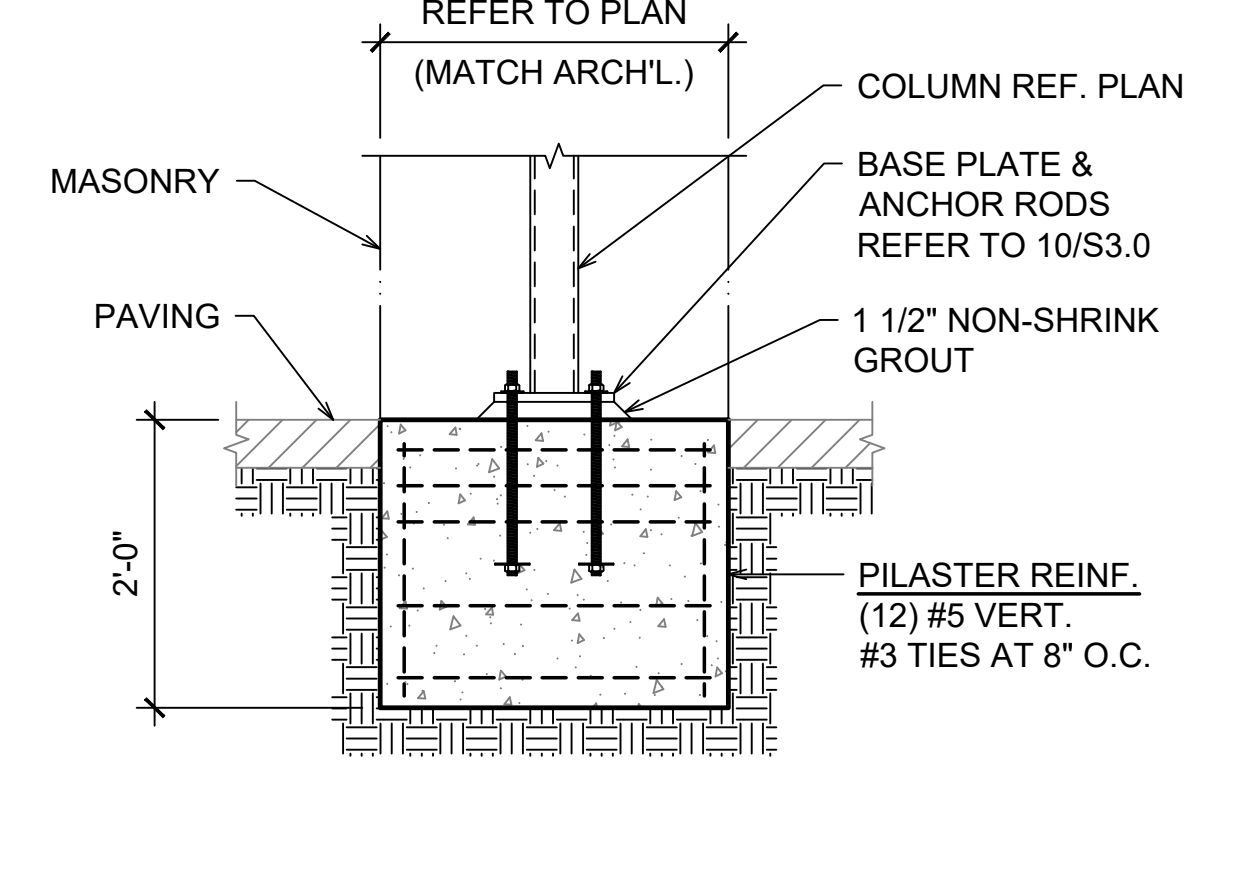
6 GRADE BEAM AT ENTRY
SCALE: 3/4" = 1'-0"



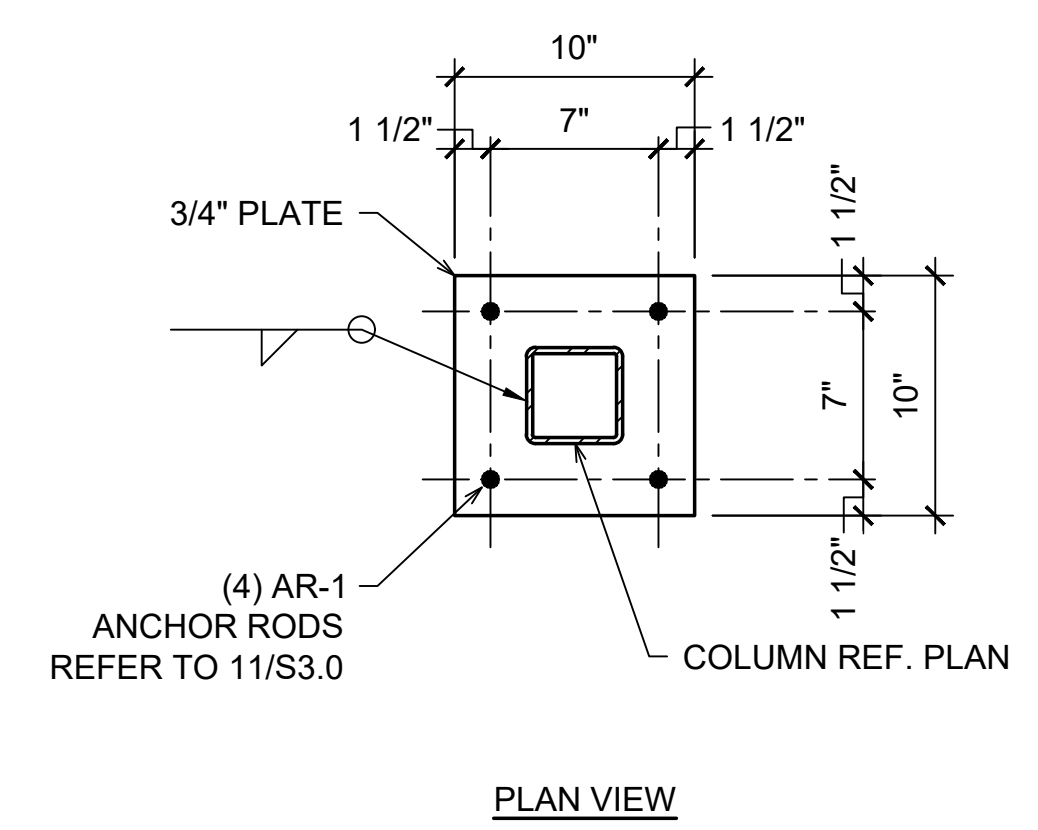
7 GRADE BEAM AT FIREPLACE
SCALE: 3/4" = 1'-0"



8 INTERIOR POST FOOTING
SCALE: 3/4" = 1'-0"



9 TYPICAL PIER CAP DETAIL
SCALE: 3/4" = 1'-0"

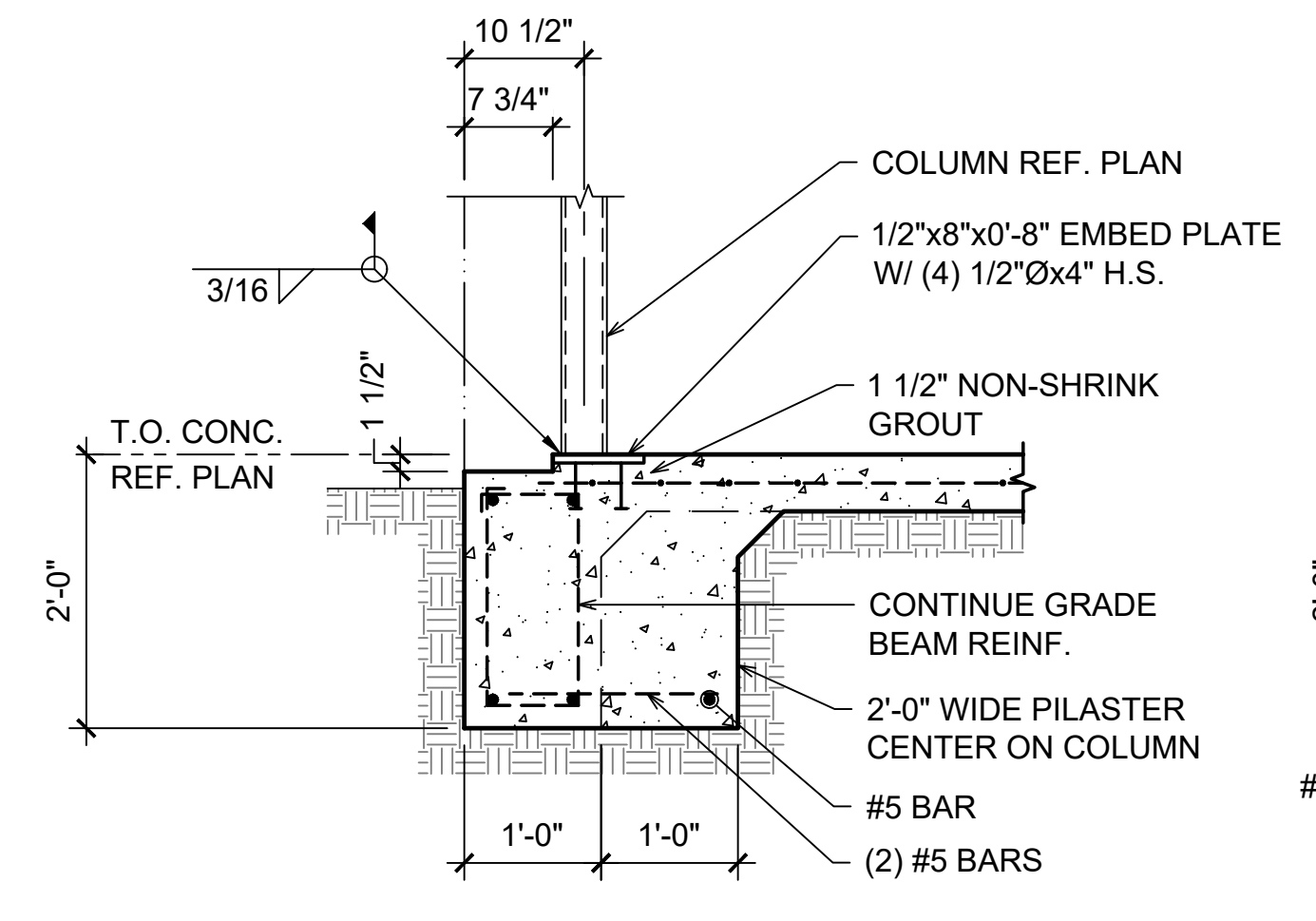


10 BASE PLATE DETAIL (BP-1)
SCALE: 1 1/2" = 1'-0"

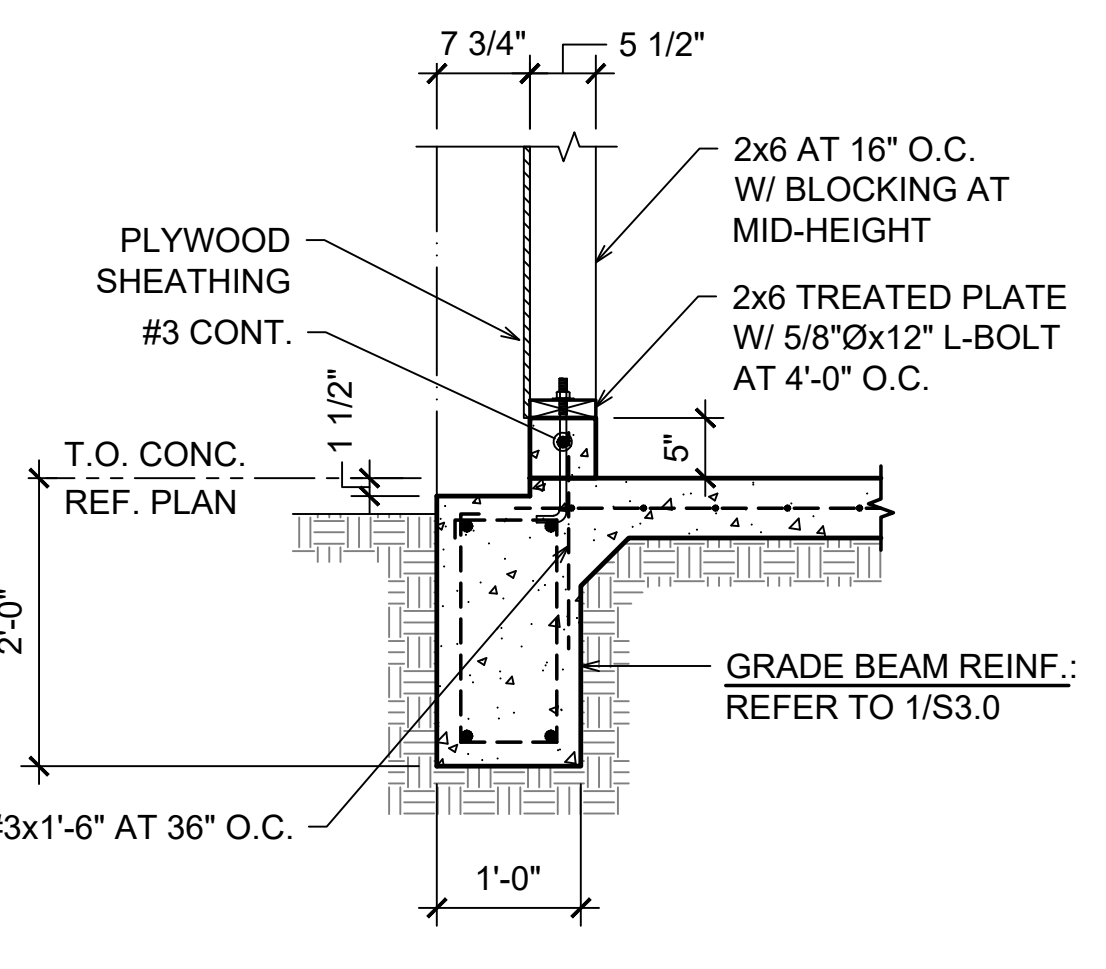
ANCHOR ROD SCHEDULE

| MARK | DIA x LENGTH | DEPTH (D) | PROJ. (P) |
|------|---------------|-----------|-----------|
| AR-1 | 3/4"Ø x 1'-4" | 12" | 4" |
| | | | |
| | | | |

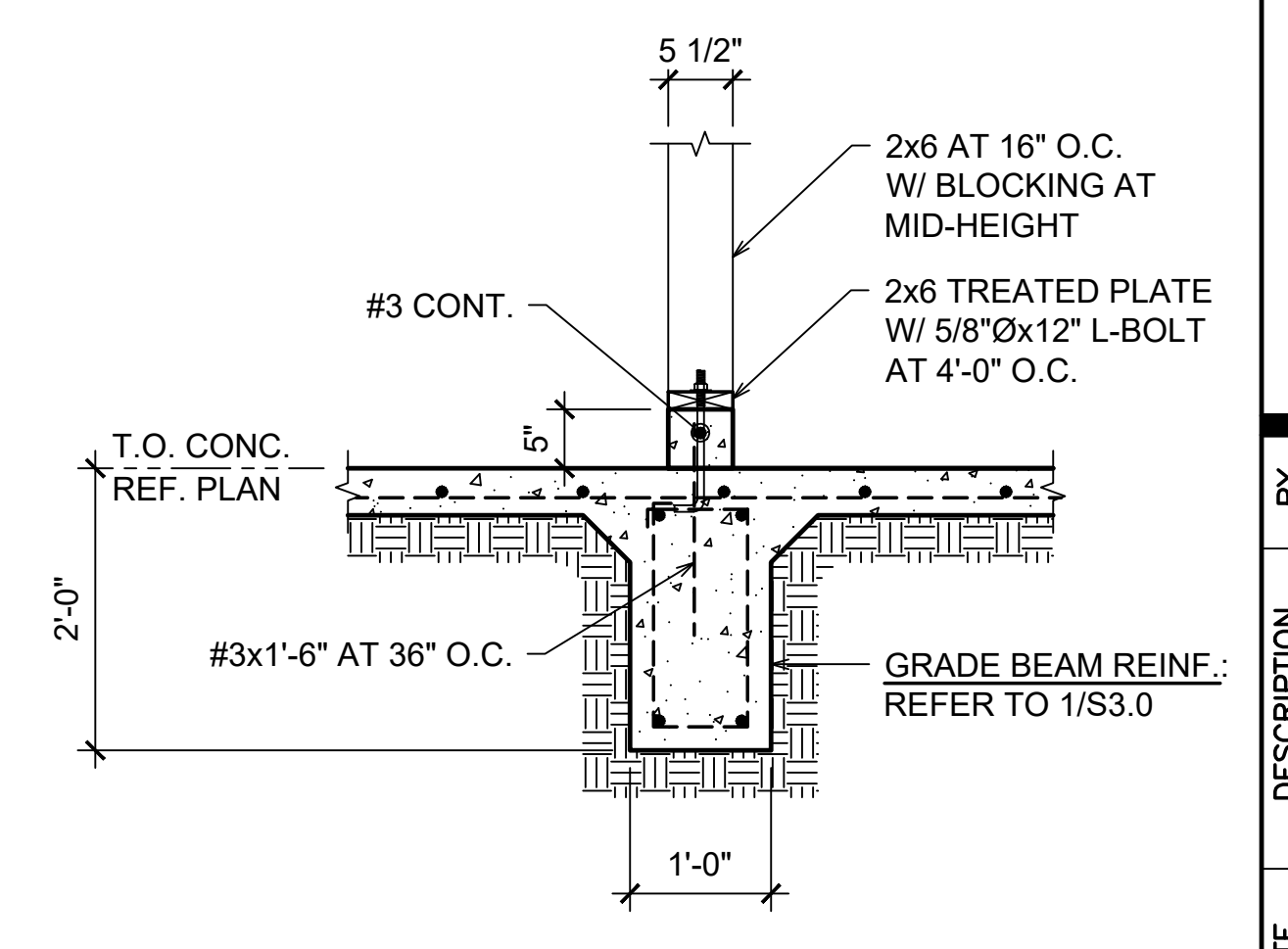
11 ANCHOR ROD SCHEDULE
SCALE: 1 1/2" = 1'-0"



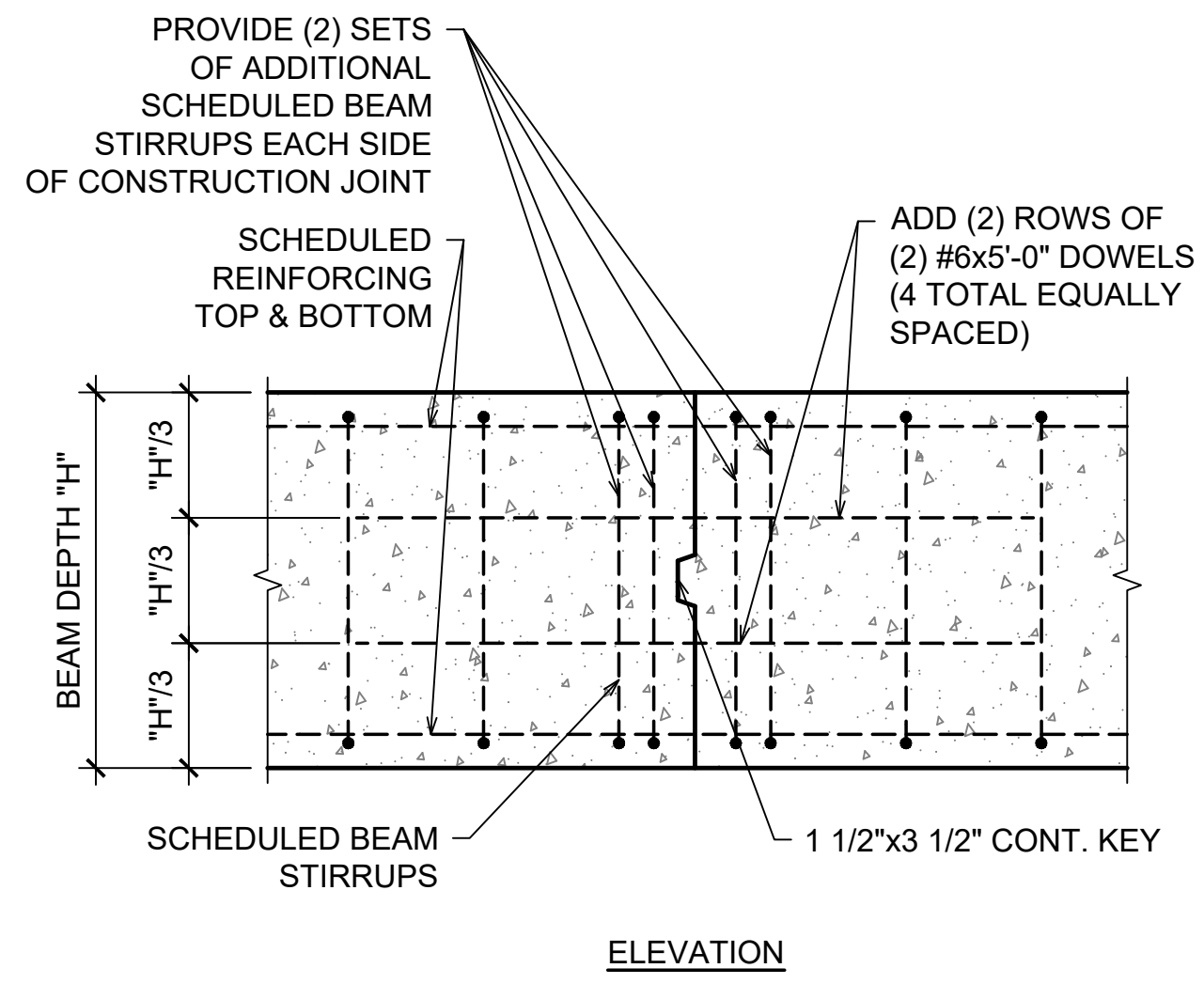
12 PERIMETER COLUMN
SCALE: 3/4" = 1'-0"



13 PERIMETER GRADE BEAM
SCALE: 3/4" = 1'-0"

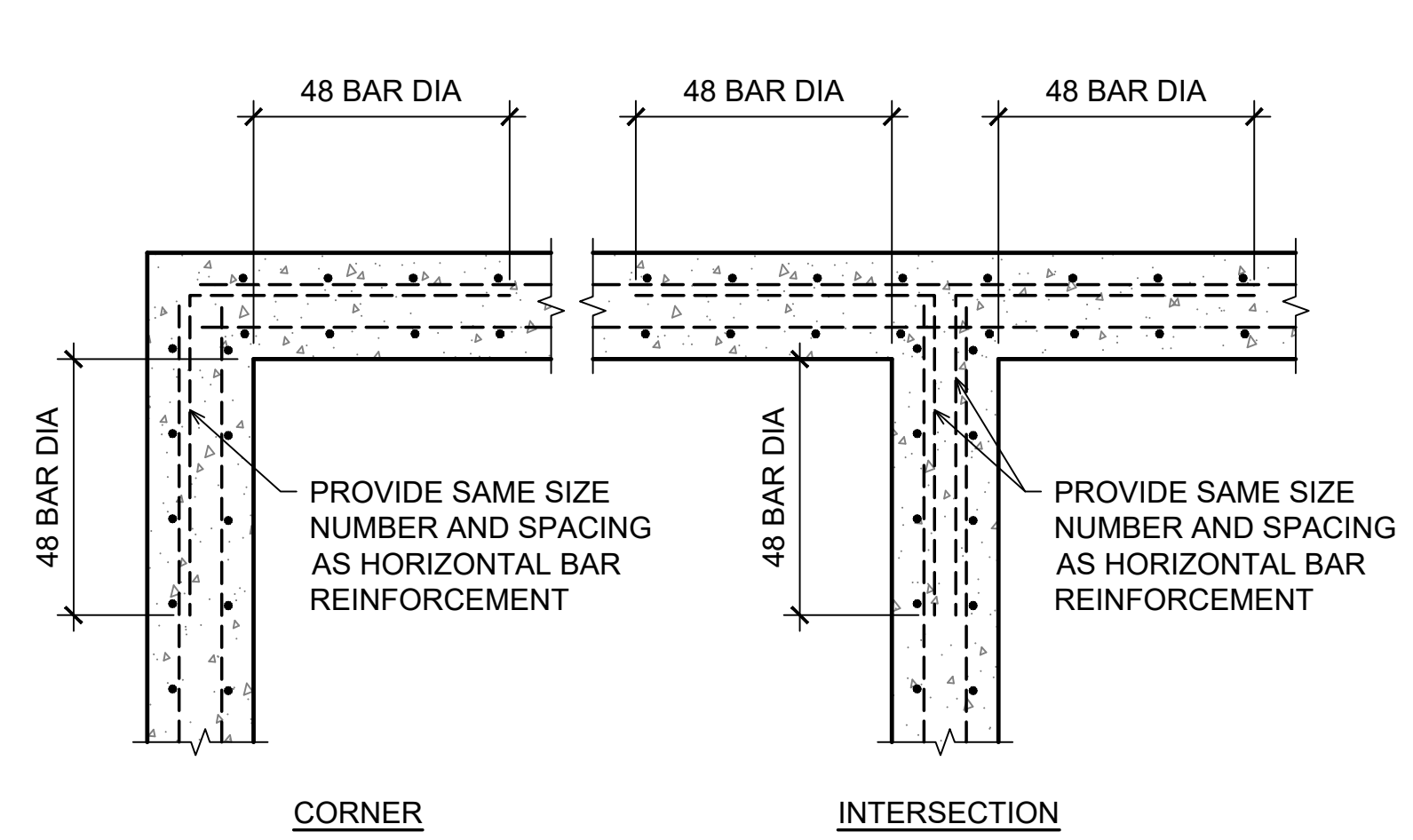


14 INTERIOR GRADE BEAM
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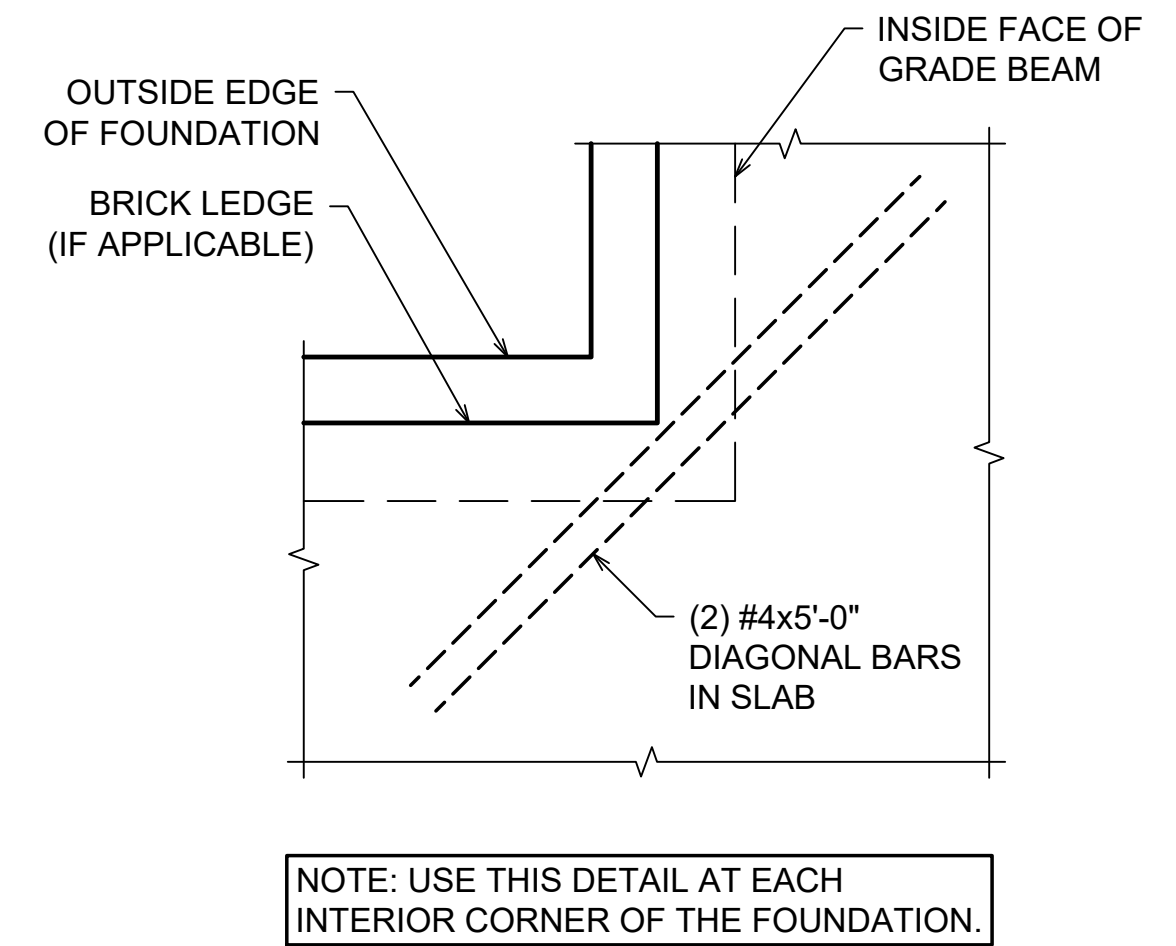


PLACE CONSTRUCTION JOINTS IN MIDDLE OF THIRD BEAM SPAN.

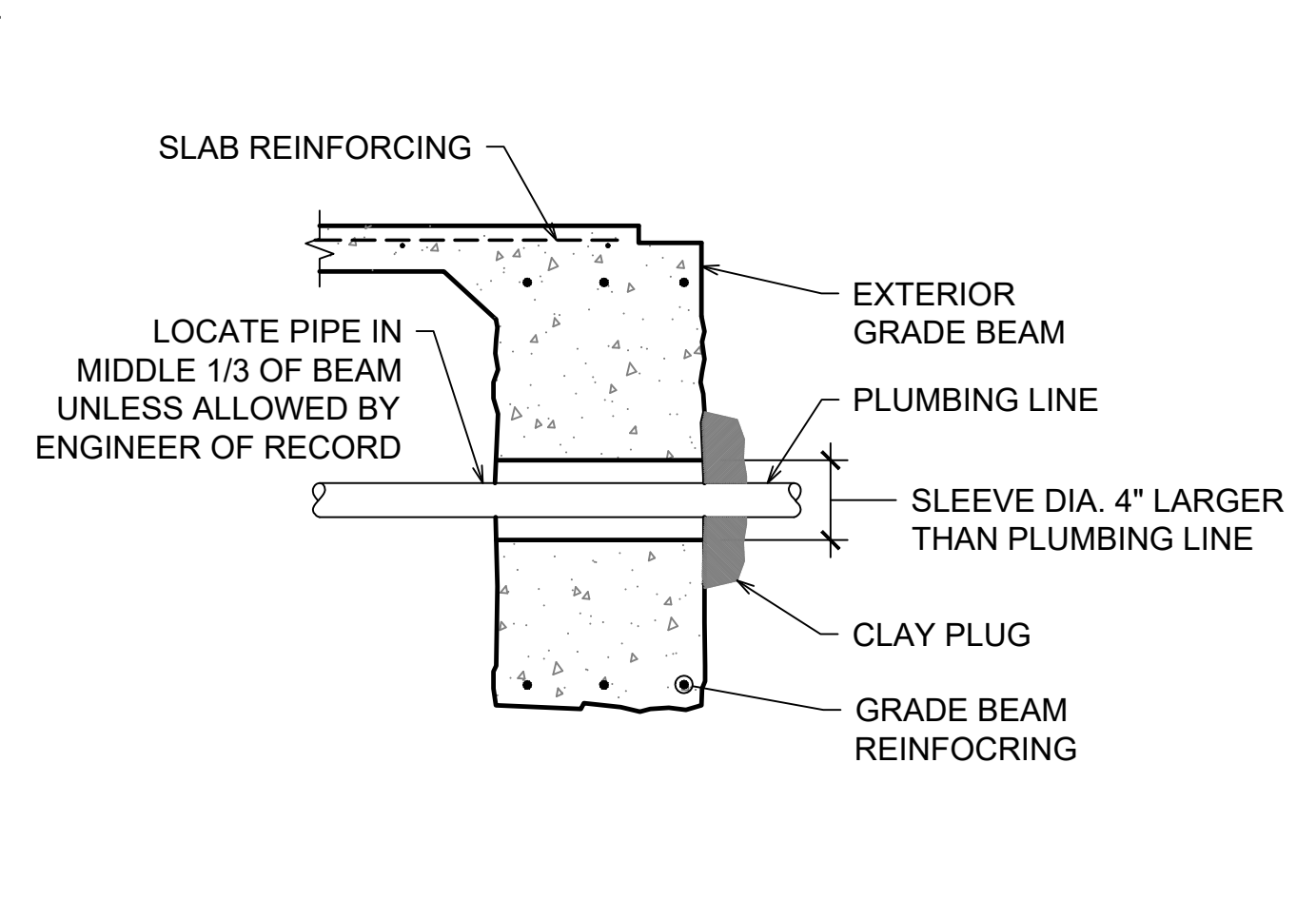
1 TYPICAL GRADE BEAM CONSTRUCTION JOINT
SCALE: N.T.S.



2 TYPICAL GRADE BEAM REINFORCING
SCALE: N.T.S.

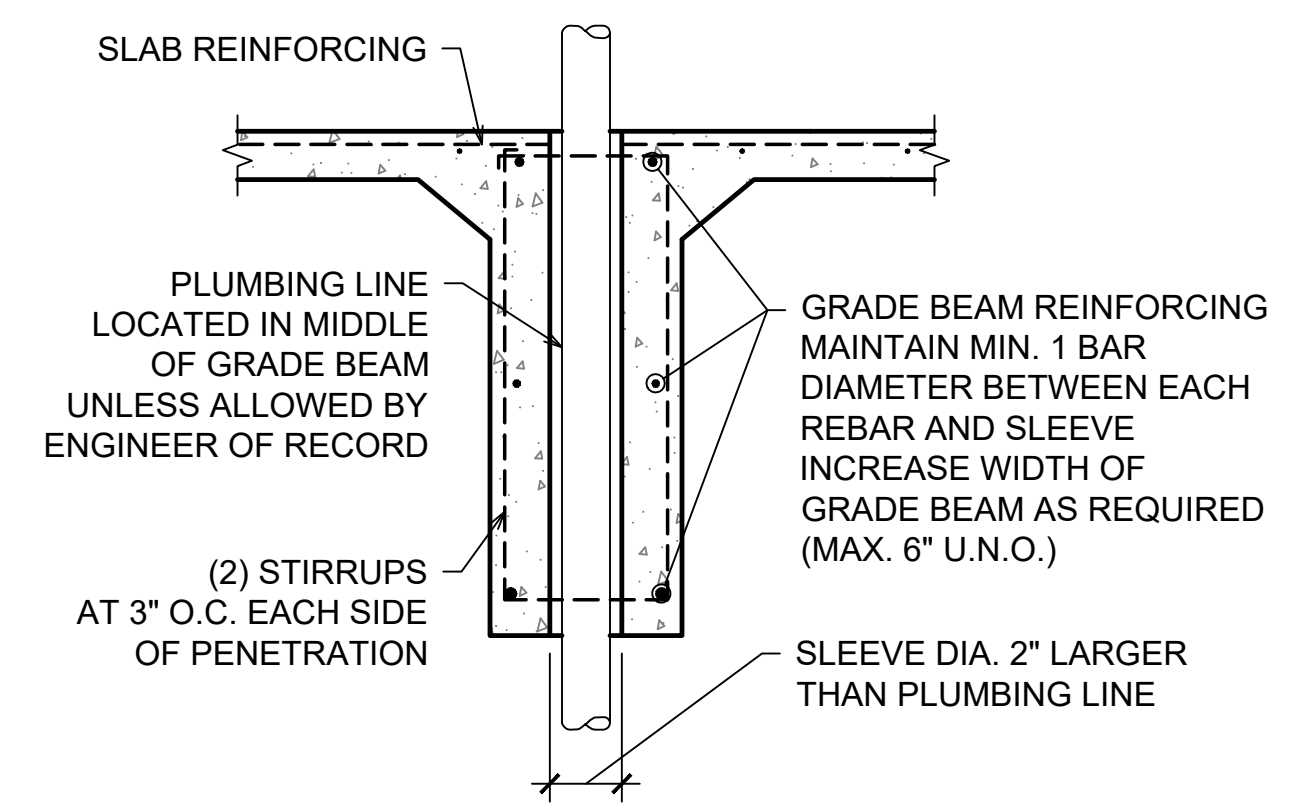


3 TYPICAL SLAB DIAGONALS
SCALE: N.T.S.

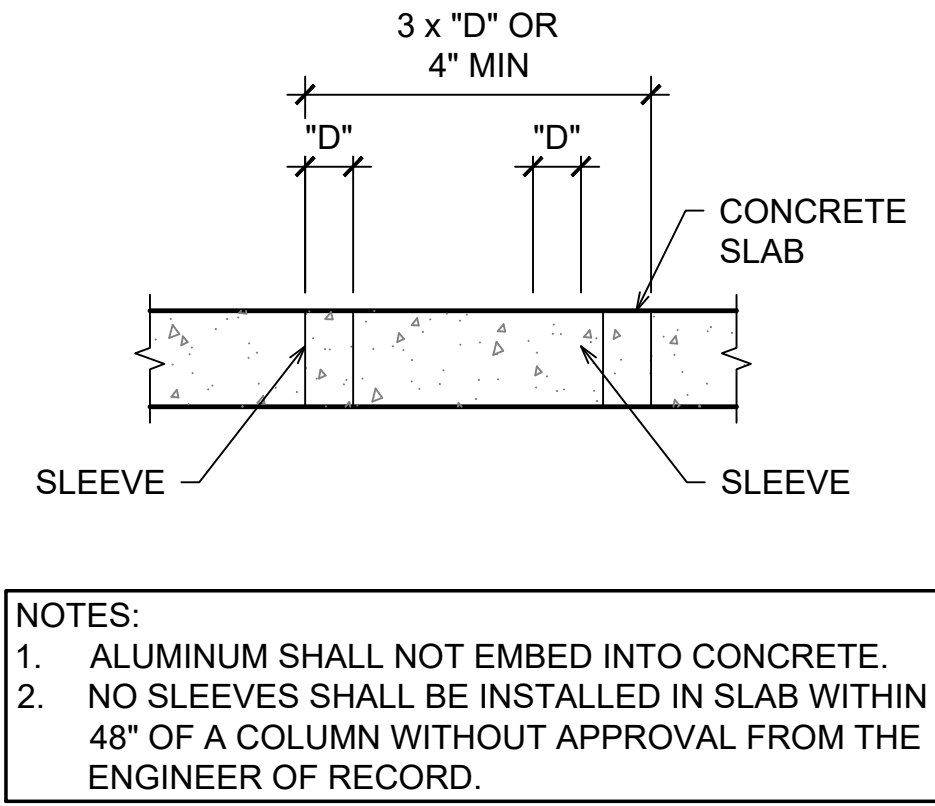


4 TYPICAL PLUMBING LINE PENETRATION DETAIL
SCALE: N.T.S.

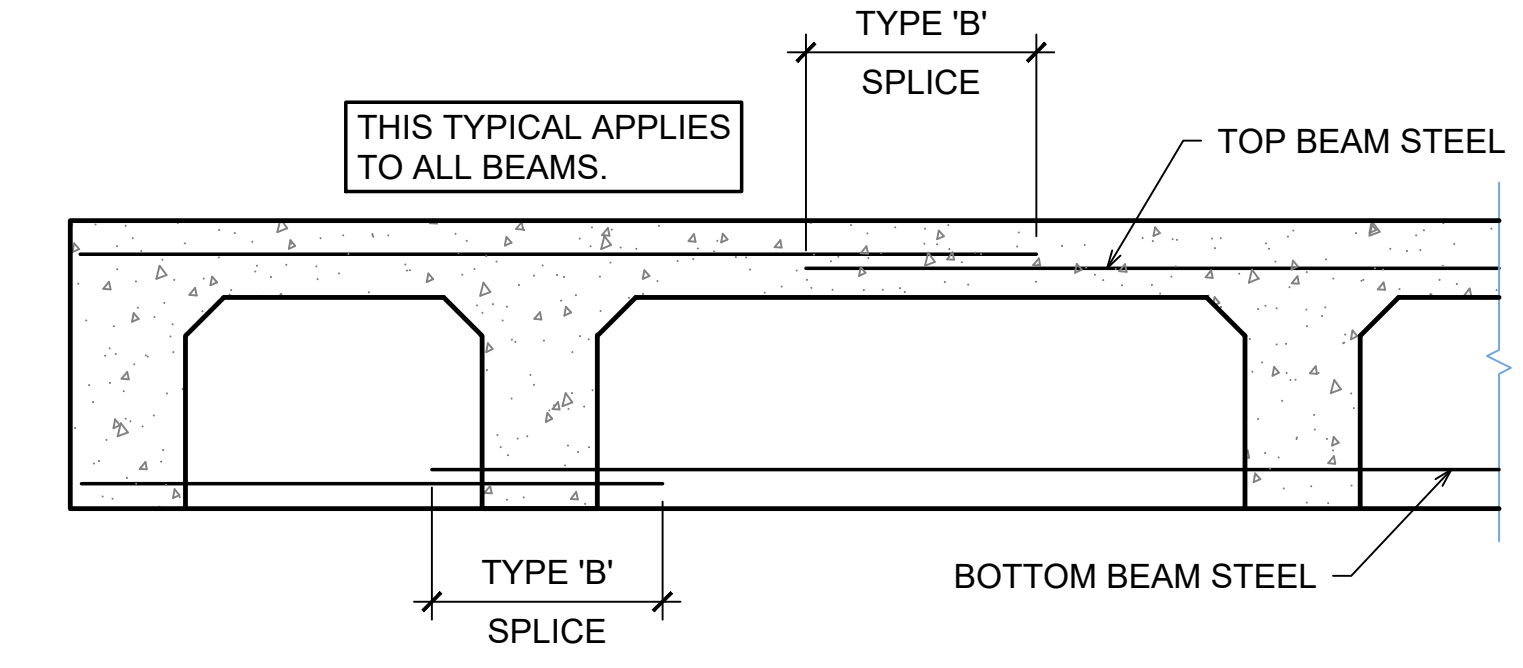
NOTE: DO NOT BEND PLUMBING LINES INSIDE GRADE BEAM. BENDS MUST OCCUR A MINIMUM OF 12" BELOW BOTTOM OF GRADE BEAM OR ABOVE FINISH FLOOR. LINES THAT BEND INSIDE GRADE BEAM SHALL BE REJECTED.



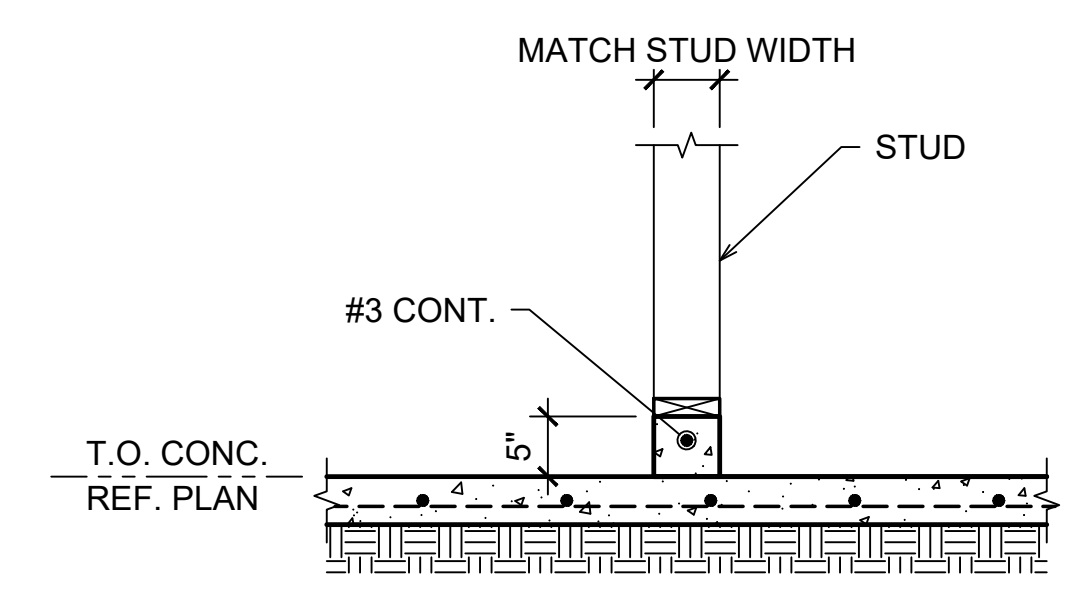
5 TYPICAL VERTICAL PLUMBING LINE PENETRATION DETAIL
SCALE: N.T.S.



6 TYPICAL SLAB SLEEVE PENETRATION SECTION
SCALE: N.T.S.

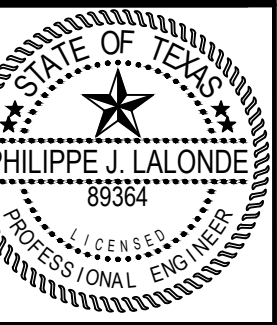


7 TYPICAL BAR SPLICE DETAIL
SCALE: N.T.S.

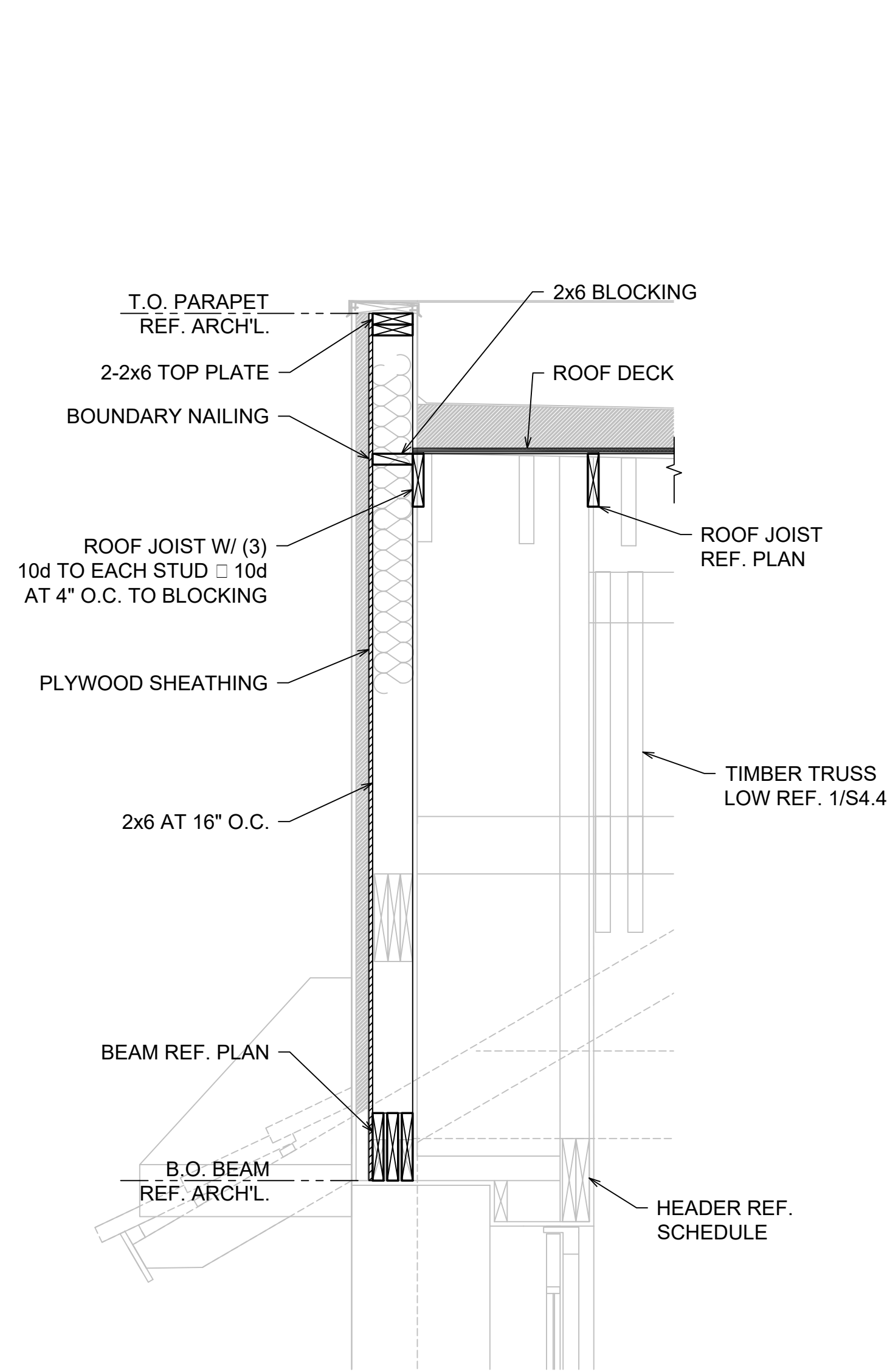


8 INTERIOR CURB
SCALE: 3/4" = 1'-0"

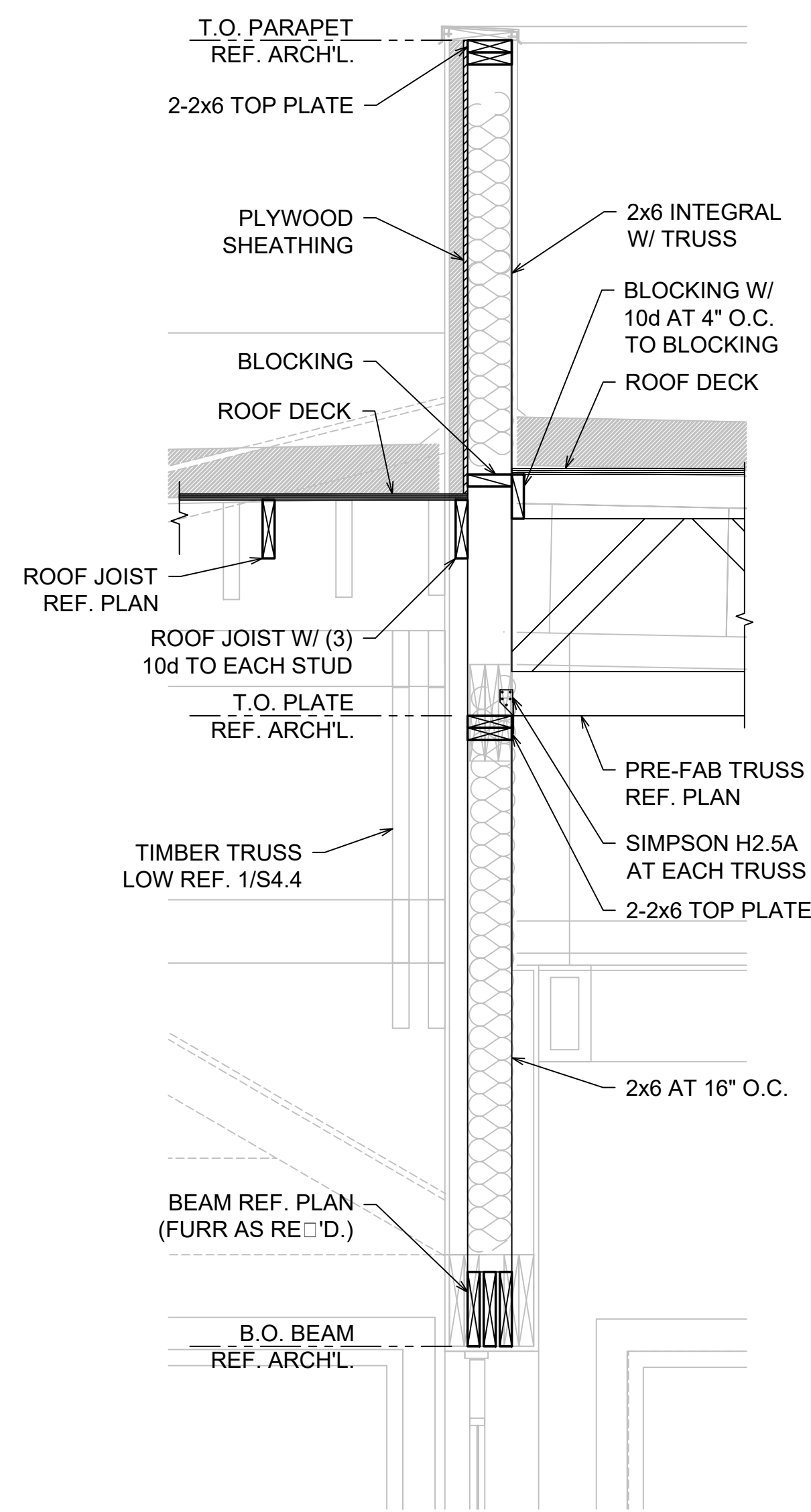
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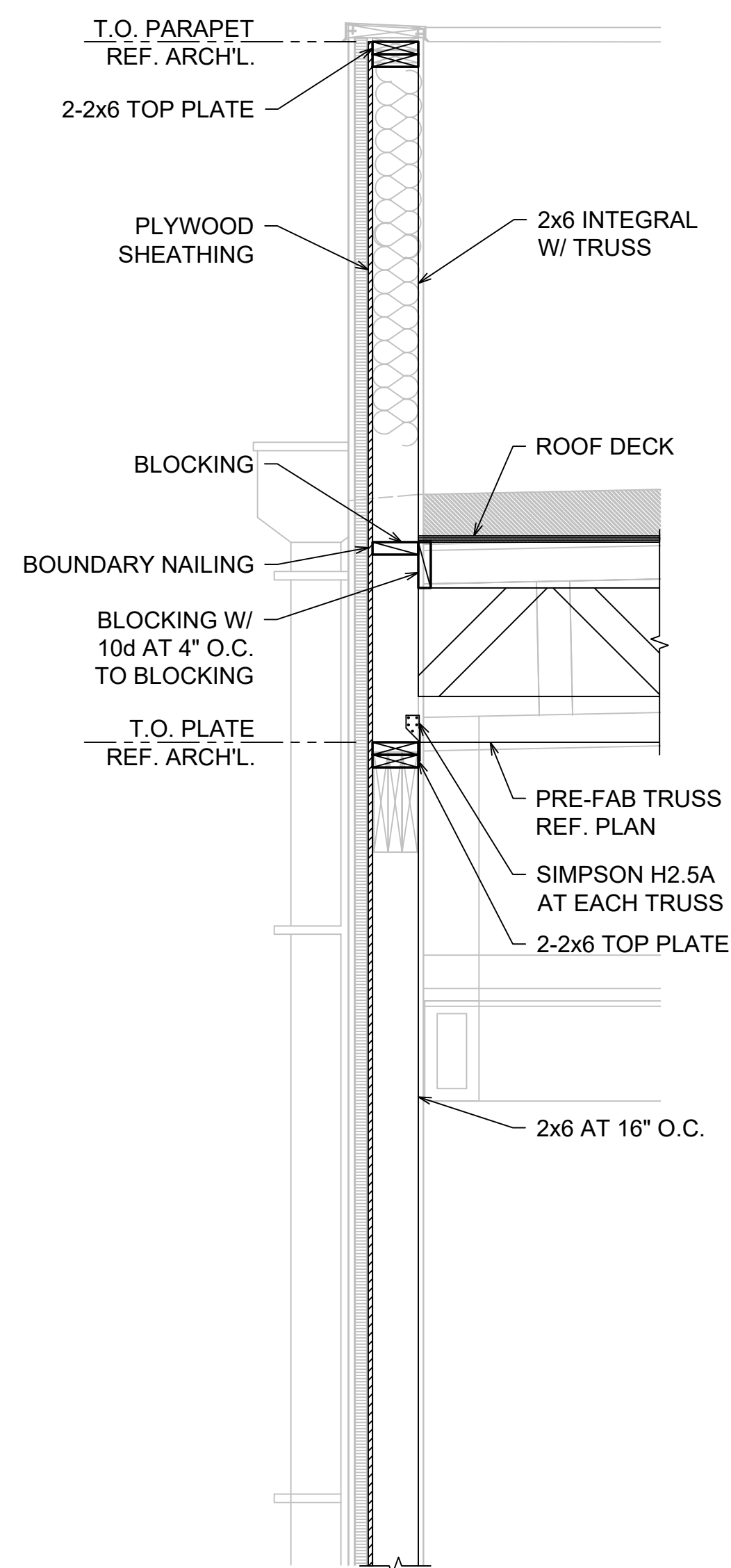
DRAWING COORDINATION
 Architectural, Landscape, Civil,
 Structural, Mechanical and
 Electrical drawings are interrelated.
 General Contractor and all Sub
 Contractors shall review and
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 drawings and specifications



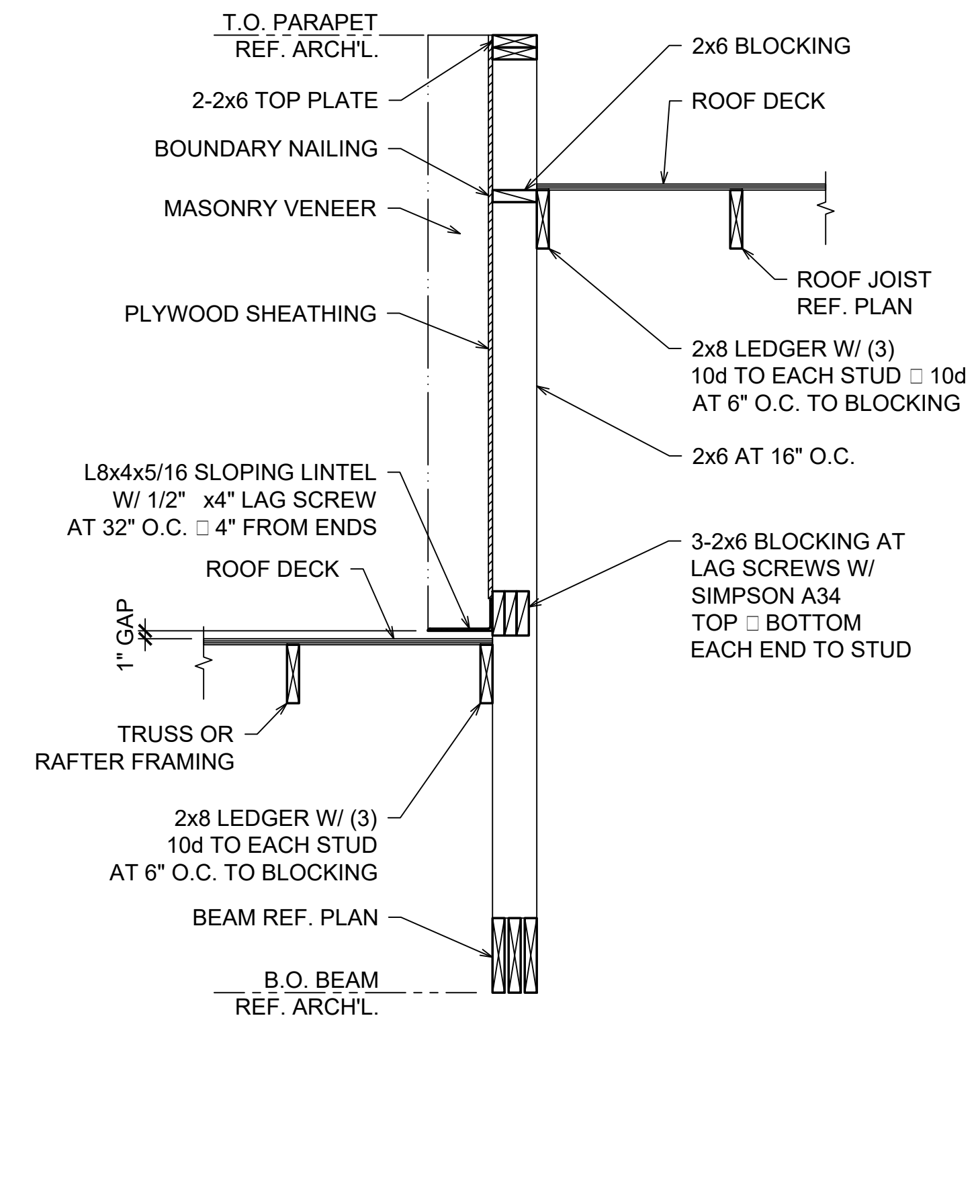
1 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"



2 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"



3 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"



4 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"

FRAMING DETAILS

**231 10 WEST I-10
 LOT 3 Dominion Creek,
 San Antonio, 78257 Texas**

| DATE | DESCRIPTION | BY |
|------|-------------|----|
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PROJECT NO.
05-05-22

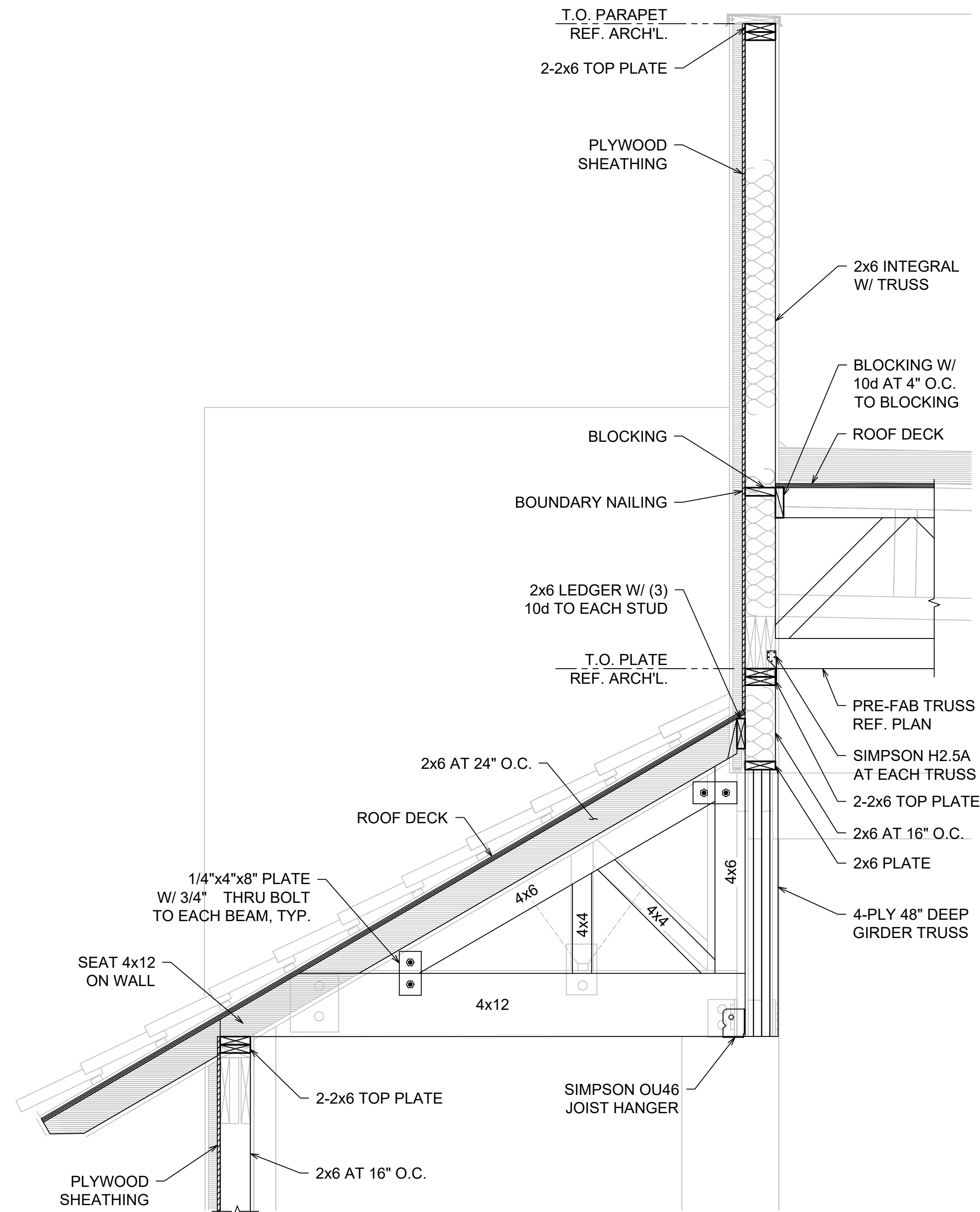
SHEET NO.
S4.0

Lalonde Engineering, Inc.
 CONSULTING STRUCTURAL ENGINEERS
 6617 RED BUD ROAD
 FORT WORTH, TX 76115
 PHONE: 817.307.8299
 FAX: 817.238.1520
 CDR ESTD 1978
 83 PROJECT - 231.101

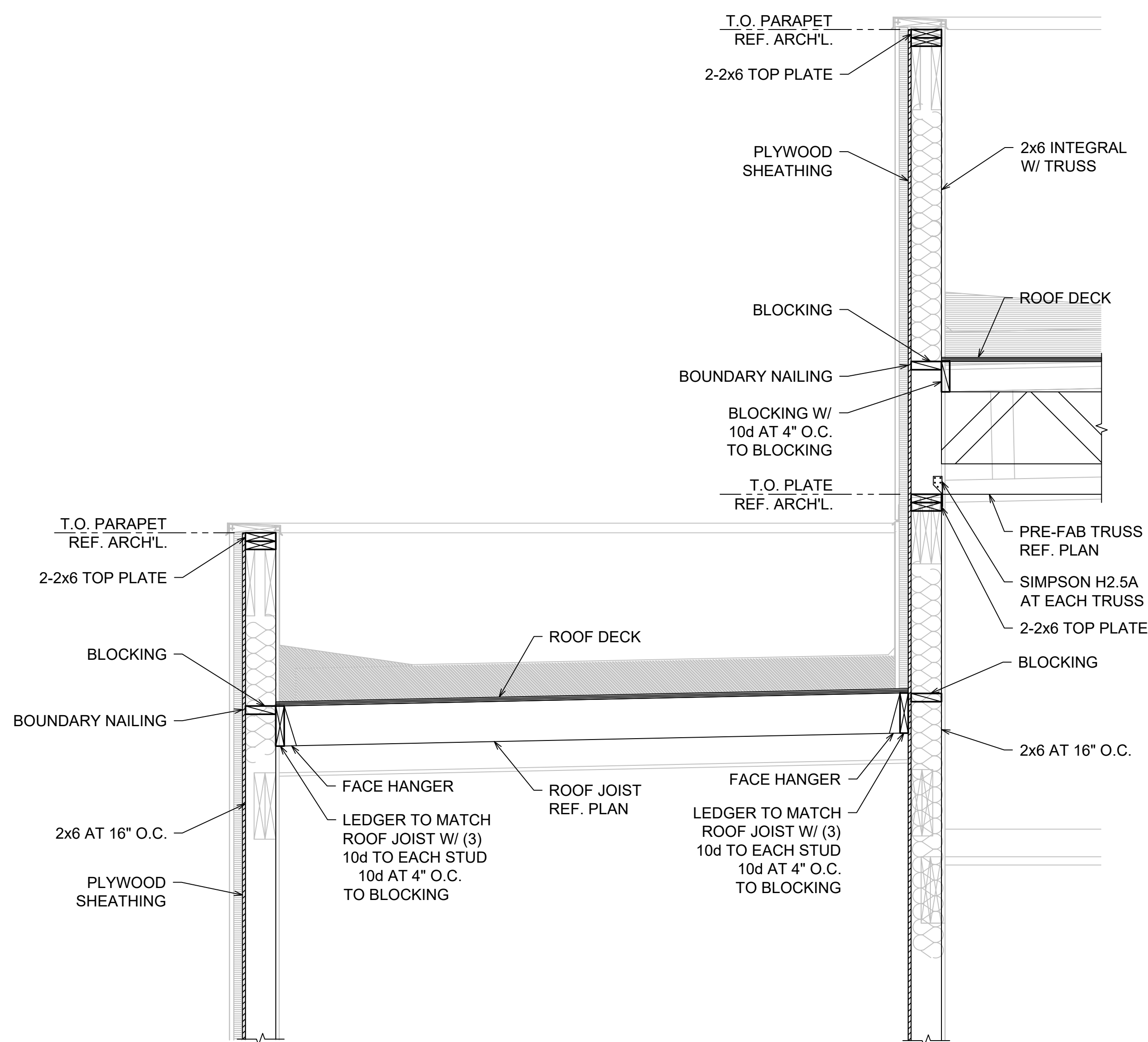


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 P.E. 80864-CCOF-7076 ON MAR. 29, 2023

DRAWING COORDINATION
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 drawings and specifications



1 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"



2 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"

FRAMING DETAILS

231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
|------|-------------|----|
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PROJECT NO.
05-05-22

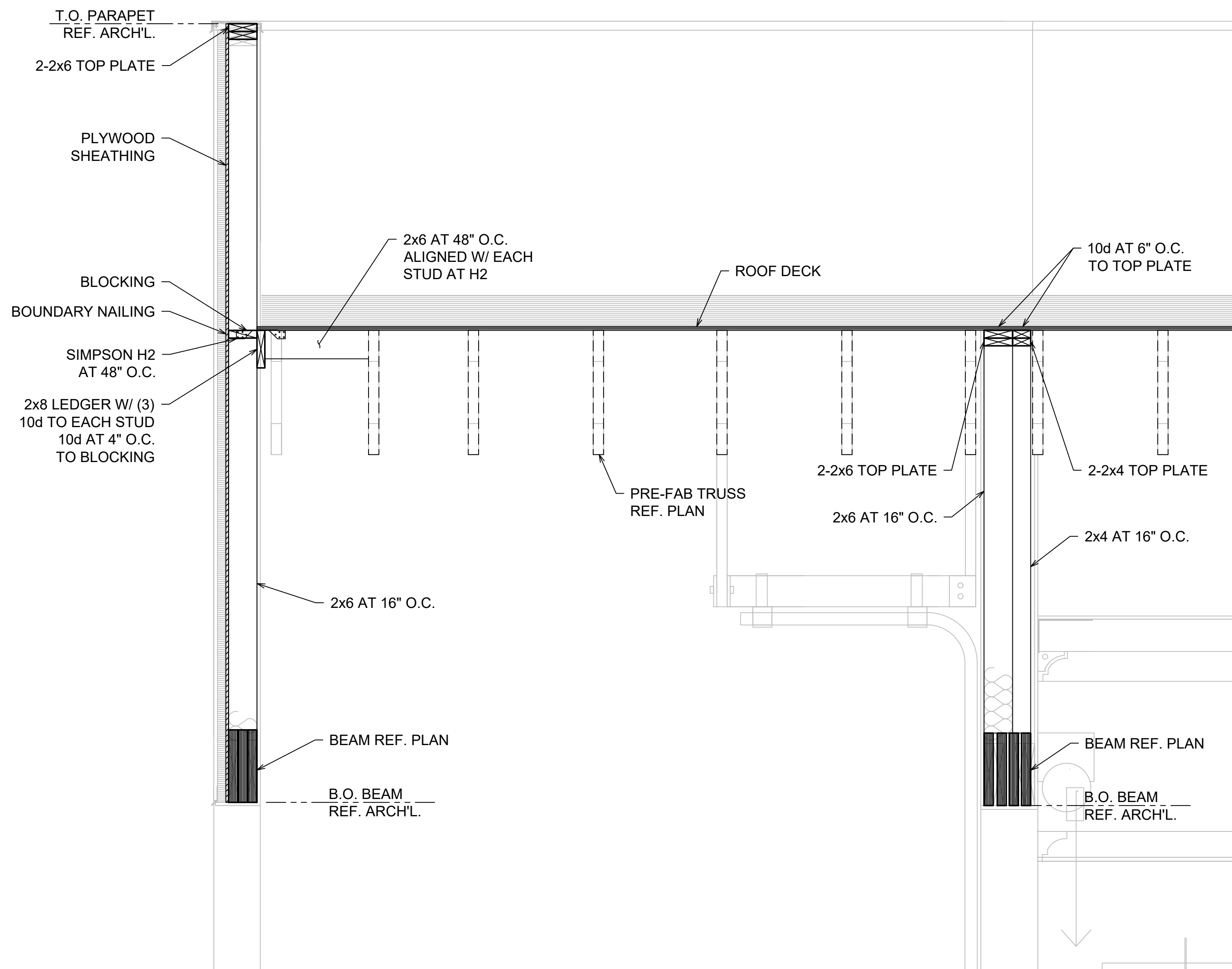
SHEET NO.
S4.1

LALONDE ENGINEERING, INC.
 CONSULTING STRUCTURAL ENGINEERS
 6617 RED BUD ROAD
 FORT WORTH, TX 76135
 PHONE: 817-337-8596
 FAX: 817-238-1520
 COB: F70719
 LE PROJECT: 231101

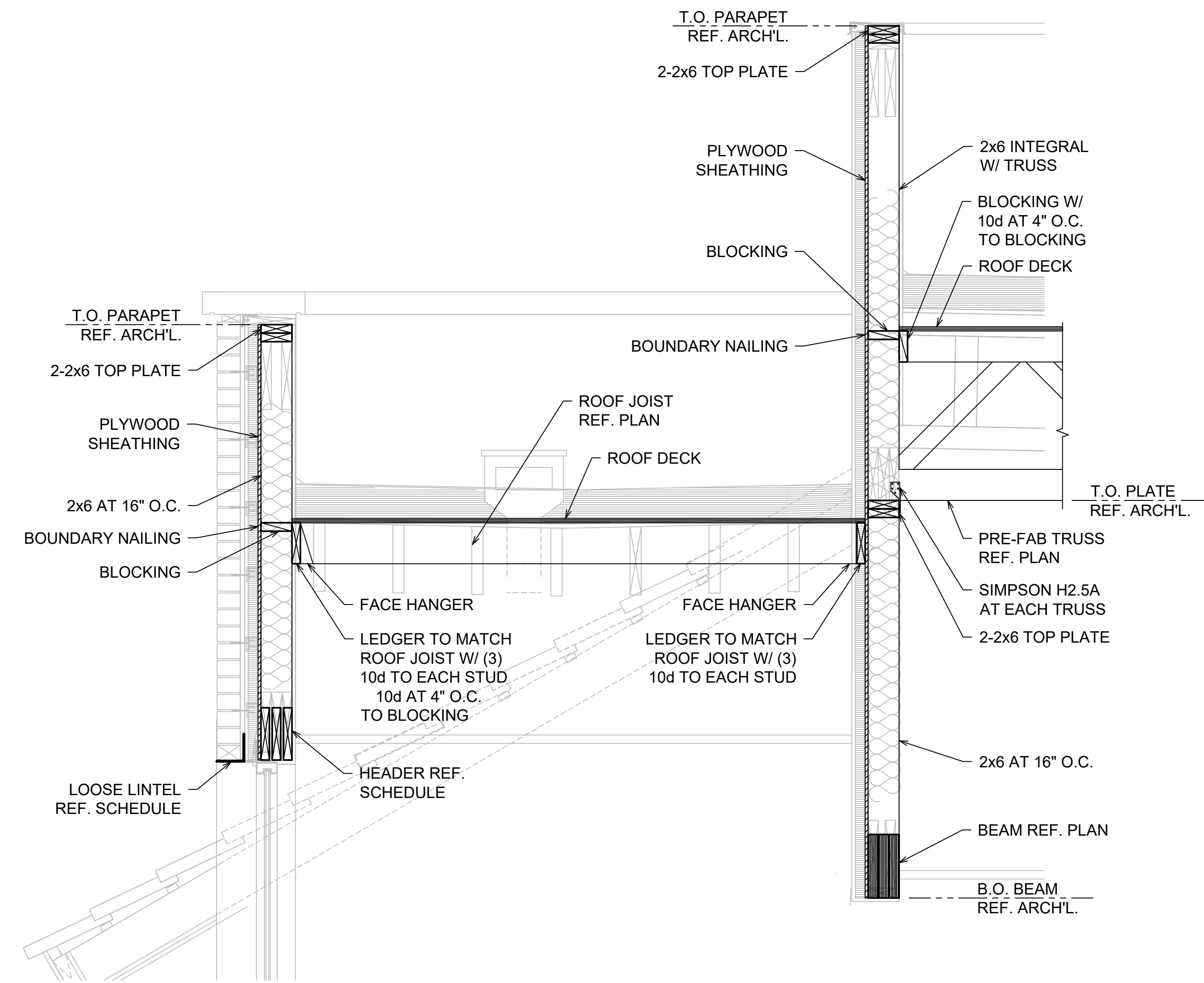


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 P.E. 63358 (COP. EXPIRES ON MAR. 31, 2023)

DRAWING COORDINATION
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1 (REF. ARCH'L. 3/A6.5 SIM.)
ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"



2 (REF. ARCH'L. 2/A6.5)
ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"

FRAMING DETAILS

231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
|------|-------------|----|
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PROJECT NO.
 05-05-22

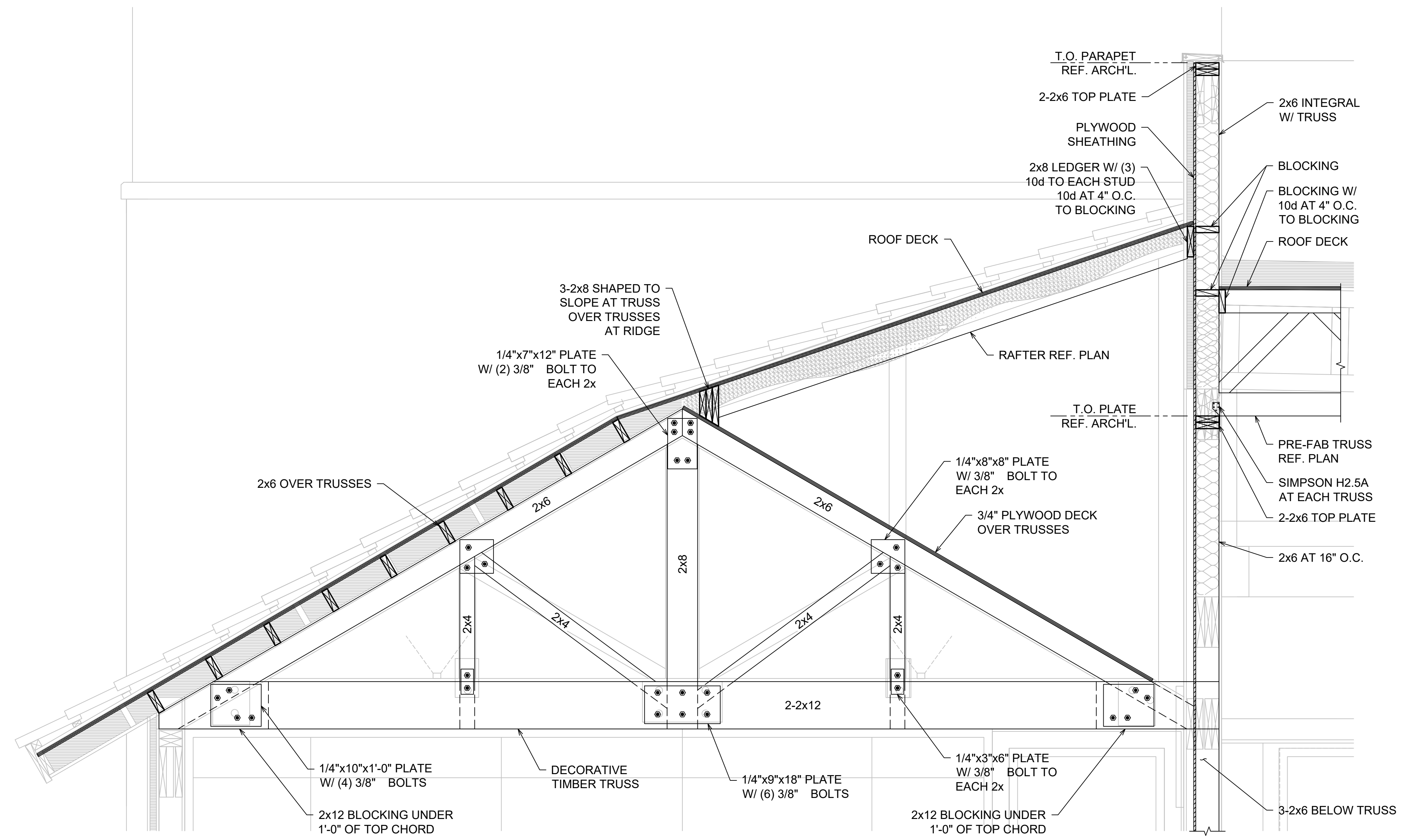
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S4.2

LALONDE ENGINEERING, INC.
 CONSULTING STRUCTURAL ENGINEERS
 6617 RED BUD ROAD
 FORT WORTH, TX 76135
 PHONE: 817-337-8596
 FAX: 817-238-1520
 COB# F70719
 LE PROJECT - 231101

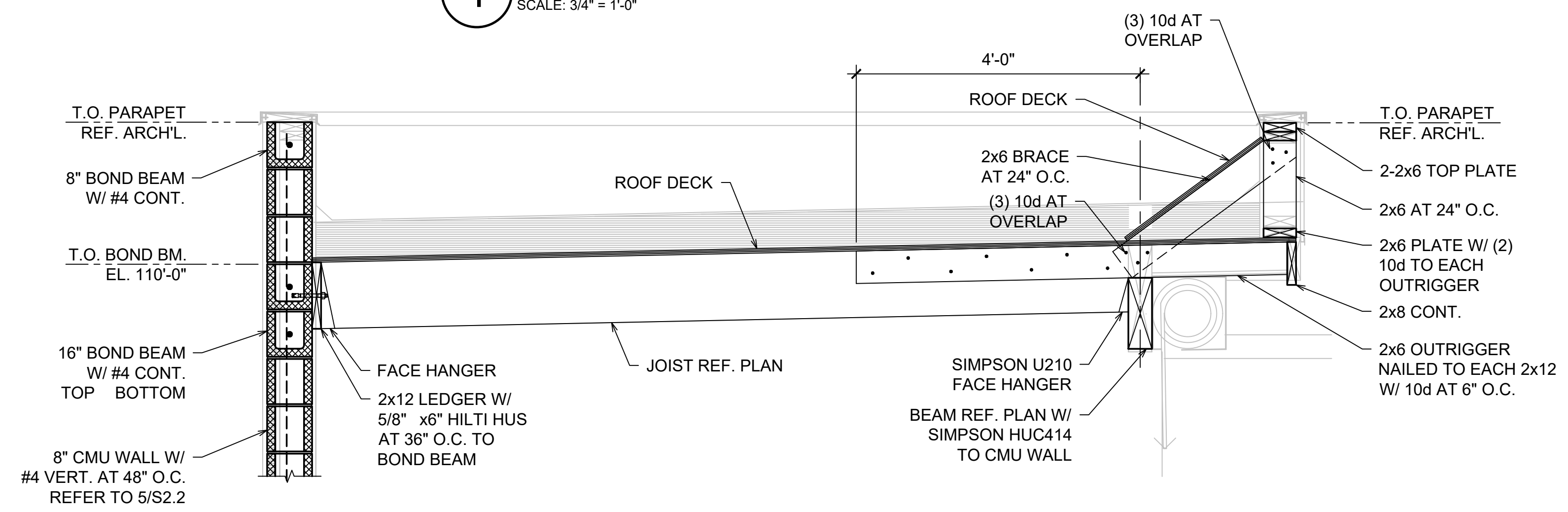


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DRAWING COORDINATION
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1 (REF. ARCH'L. 1/A6.0)
ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"



2 SECTION AT OUTDOOR BAR
 SCALE: 3/4" = 1'-0"

FRAMING DETAILS

231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
|------|-------------|----|
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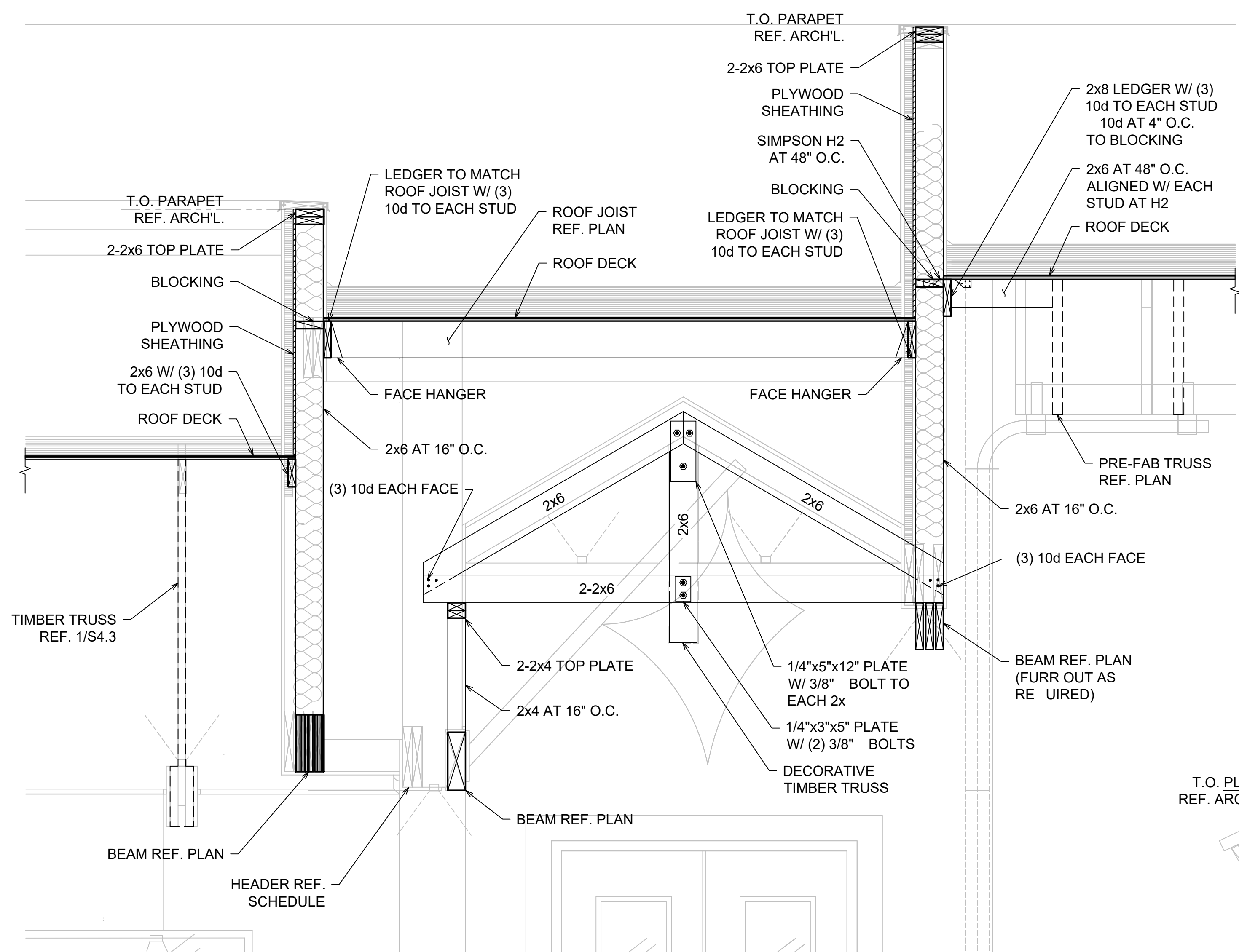
PROJECT NO.
 05-05-22

SHEET NO.
S4.3

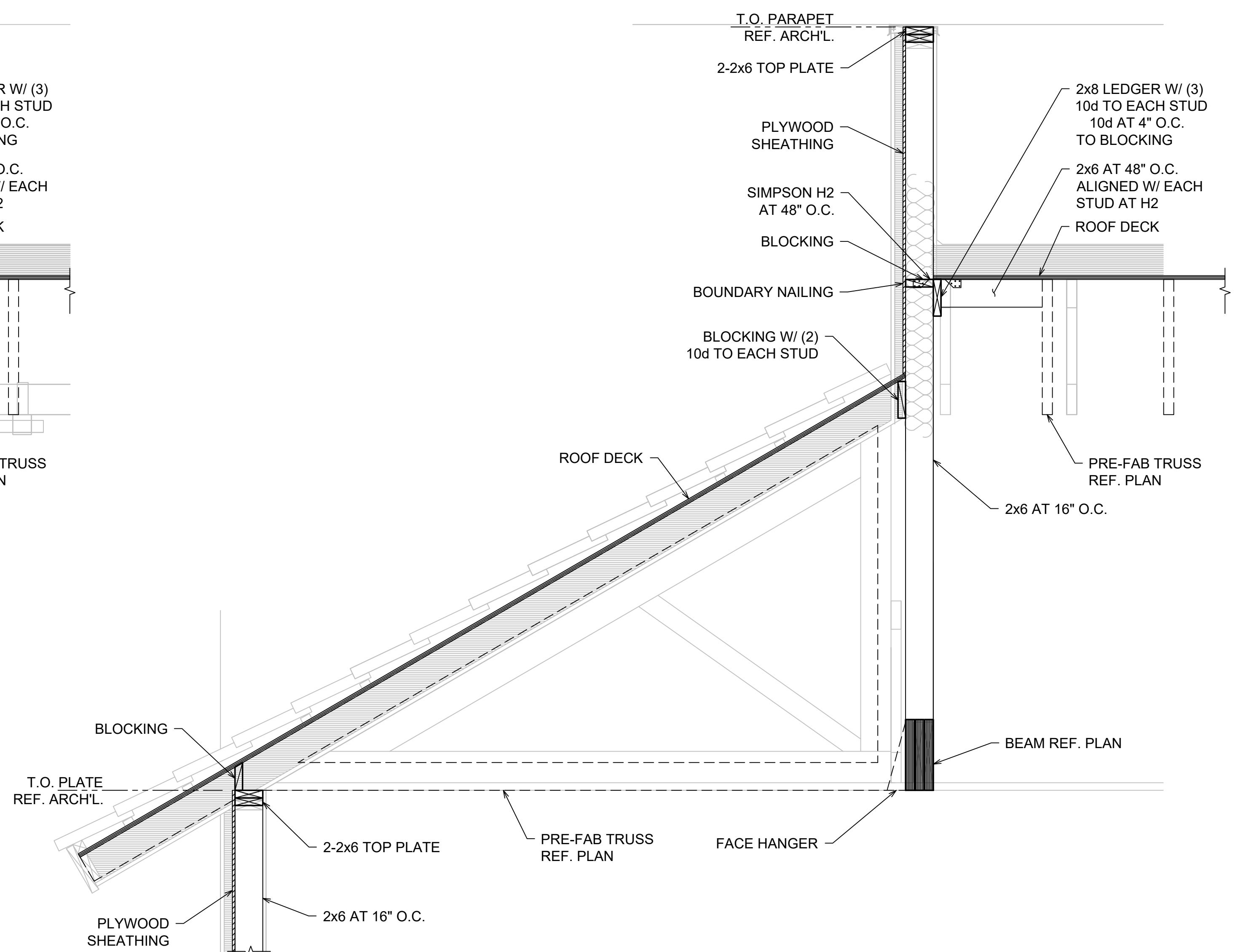
LALONDE ENGINEERING, INC.
 CONSULTING STRUCTURAL ENGINEERS
 6617 RED BUD ROAD
 FORT WORTH, TX 76135
 PHONE: 817-337-8596
 FAX: 817-238-1520
 COB #72719
 LEI PROJECT - 231101



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1 (REF. ARCH'L. 2/A6.1)
ROOF FRAMING SECTION
SCALE: 3/4" = 1'-0"

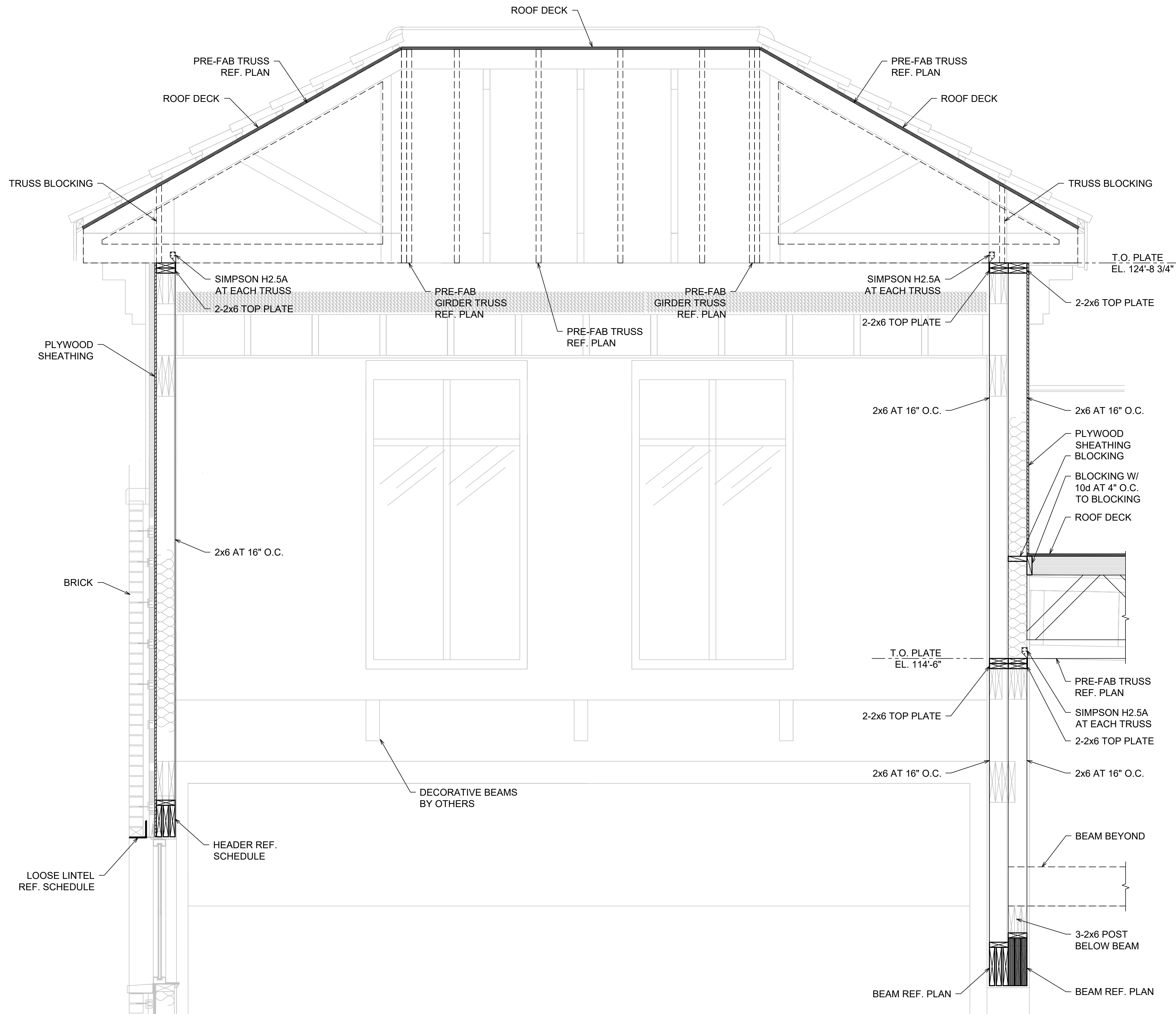


2 (REF. ARCH'L. 1/A6.3)
ROOF FRAMING SECTION
SCALE: 3/4" = 1'-0"

FRAMING DETAILS

23110 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
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1 (REF. ARCH'L. 2/A6.3)
ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"

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231 10 WEST I-10
LOT 3 Dominion Creek,
San Antonio, 78257 Texas

| DATE | DESCRIPTION | BY |
|------|-------------|----|
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PROJECT NO.
05-05-22

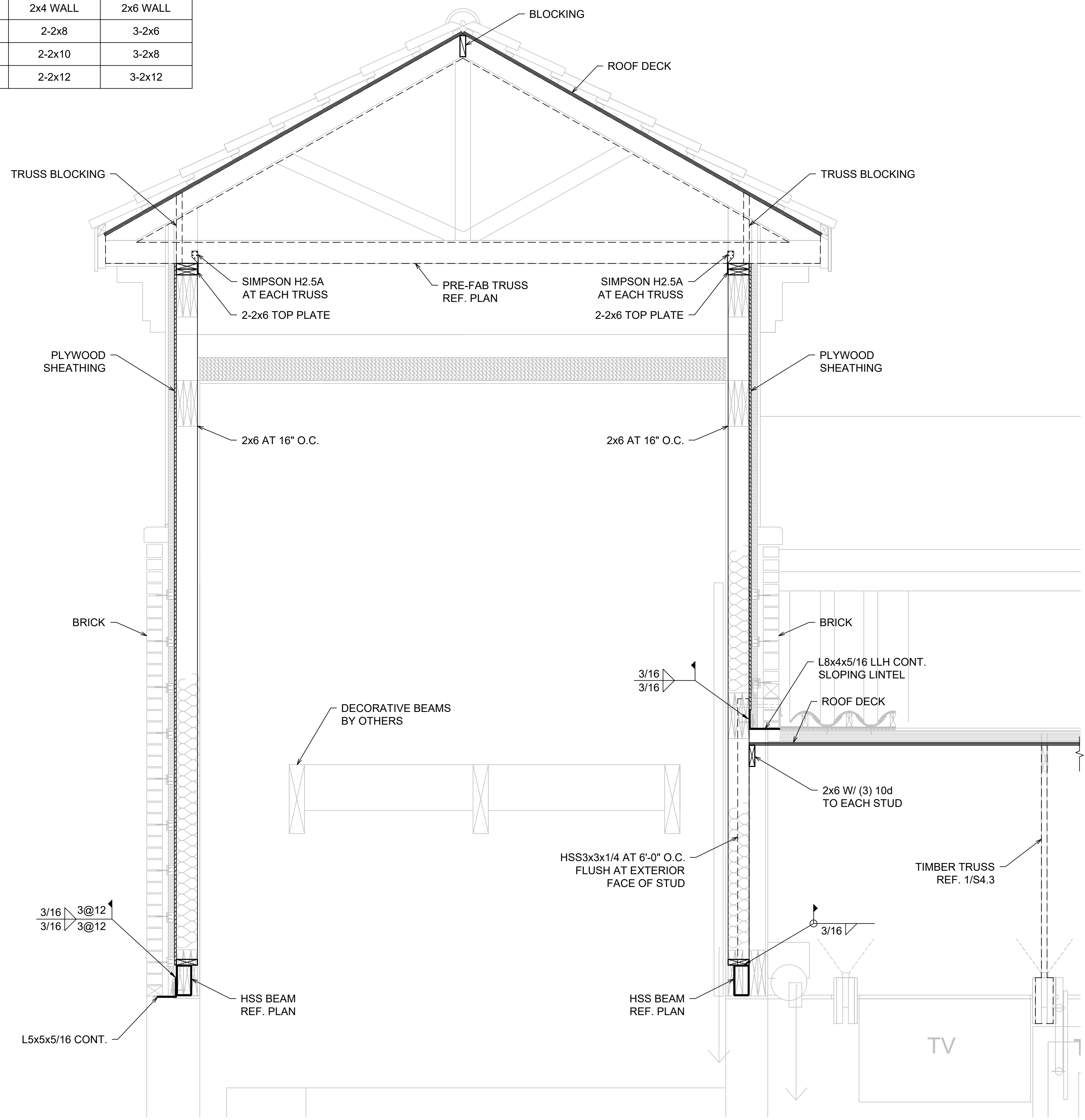
SHEET NO.
S4.5

| FASTENER SCHEDULE FOR STRUCTURAL MEMBERS | | |
|--|-----------------------------|---|
| DESCRIPTION OF BUILDING ELEMENTS | NUMBER AND TYPE OF FASTENER | SPACING OF FASTENERS |
| Joist to sill or girder, toe nail | 3-8d | N/A |
| 1x6 subfloor or less to each joist, face nail | 2-8d (2- 1 3/4" staples) | N/A |
| 2" subfloor to joist or girder, blind nail and face nail | 2-16d | N/A |
| Sole plate to joist or blocking, face nail | 16d | 16" o.c. |
| Top or sole plate to stud, end nail | 2-16d | N/A |
| Stud to sole plate, toe nail | 3-8d or 2-16d | N/A |
| Double studs, face nail | 10d | 24" o.c. |
| Double top plates, face nail | 10d | 24" o.c. |
| Sole plate to joist or blocking at braced wall panels | 3-16d | 16" o.c. |
| Double top plates, min. 24" offset of end joints, face nail in lapped area | 8-16d | N/A |
| Blocking between joists or rafters to top plate, toe nail | 3-8d | N/A |
| Rim joist to top plate, toe nail | 8d | 6" o.c. |
| Top plates, laps at corners and intersections, face nail | 2-10d | |
| Built-up header, two pieces with 1/2" spacer | 16d | 16" o.c. along each edge |
| Continued header, two pieces | 16d | 16" o.c. along each edge |
| Ceiling joists to plate, toe nail | 3-8d | N/A |
| Continuous header to stud, toe nail | 4-8d | N/A |
| Ceiling joist, laps over partitions, face nail | 3-10d | N/A |
| Ceiling joist to parallel rafters, face nail | 3-10d | N/A |
| Rafter to plate, toe nail | 2-16d | N/A |
| 1" brace to each stud and plate, face nail | 2-8d (2- 1.75" staples) | N/A |
| 1x6 sheathing to each bearing, face nail | 2-8d (2- 1.75" staples) | N/A |
| 1x8 sheathing to each bearing, face nail | 2-8d (3- 1.75" staples) | N/A |
| Wider than 1x8 sheathing to each bearing, face nail | 3-8d (4- 1.75" staples) | N/A |
| Built-up corner studs | 10d | 24" o.c. |
| Built-up girders and beams, 2" lumber layers | 10d | Nail each layer as follows: 32" o.c. at top and bottom and staggered. Two nails at ends and at each splice. |
| 2" planks | 2-16d | At each bearing |
| Roof rafters to ridge, valley or hip rafters: toe nail, face nail | 4-16d, 3-16d | N/A |
| Rafter ties to rafters, face | 3-8d | N/A |

| FASTENER SCHEDULE FOR STRUCTURAL MEMBERS | | | |
|--|---|----------------------|-----------------------|
| DESCRIPTION OF BUILDING MATERIALS | DESCRIPTION OF FASTENER | SPACING OF FASTENERS | |
| | | EDGES | INTERMEDIATE SUPPORTS |
| Wood structural panels, subfloor, roof, and wall sheathing to framing, and particleboard wall sheathing to framing | | | |
| 5/16" to 1/2" | 6d common nail (subfloor, wall) 8d common nail (roof) | 6" o.c. | 12" o.c. |
| 19/32" to 1" | 8d common nail | 6" o.c. | 12" o.c. |
| 1 1/8" to 1 1/4" | 10d common nail or 8d deformed nail | 6" o.c. | 12" o.c. |
| Other wall sheathing | | | |
| 1/2" regular cellulosic fiberboard sheathing | 1 1/2" galvanized roofing nail, 6d common nail, or 1.5" 16 ga. staple | 3" o.c. | 6" o.c. |
| 1/2" structural cellulosic fiberboard sheathing | 1 1/2" galvanized roofing nail, 8d common nail, or 1.5" 16 ga. staple | 3" o.c. | 6" o.c. |
| 25/32" structural cellulosic fiberboard sheathing | 1 3/4" galvanized roofing nail, 8d common nail, or 1.75" 16 ga. staple | 3" o.c. | 6" o.c. |
| 1/2" gypsum sheathing | 1 1/2" galvanized roofing nail, 6d common nail, 1.5" 16 ga. staple, or 1.25" screw type W or S | 4" o.c. | 8" o.c. |
| 5/8" gypsum sheathing | 1 3/4" galvanized roofing nail, 8d common nail, 1.625" 16 ga. staple, or 1.625" screw type W or S | 4" o.c. | 8" o.c. |
| Wood structural panels, combination subfloor underlayment to framing | | | |
| 3/4" and less | 6d deformed nail or 8d common nail | | |
| 7/8" to 1" | 8d common nail or 8d deformed nail | | |
| 1 1/8" to 1 1/4" | 10d common nail or 8d deformed nail | | |

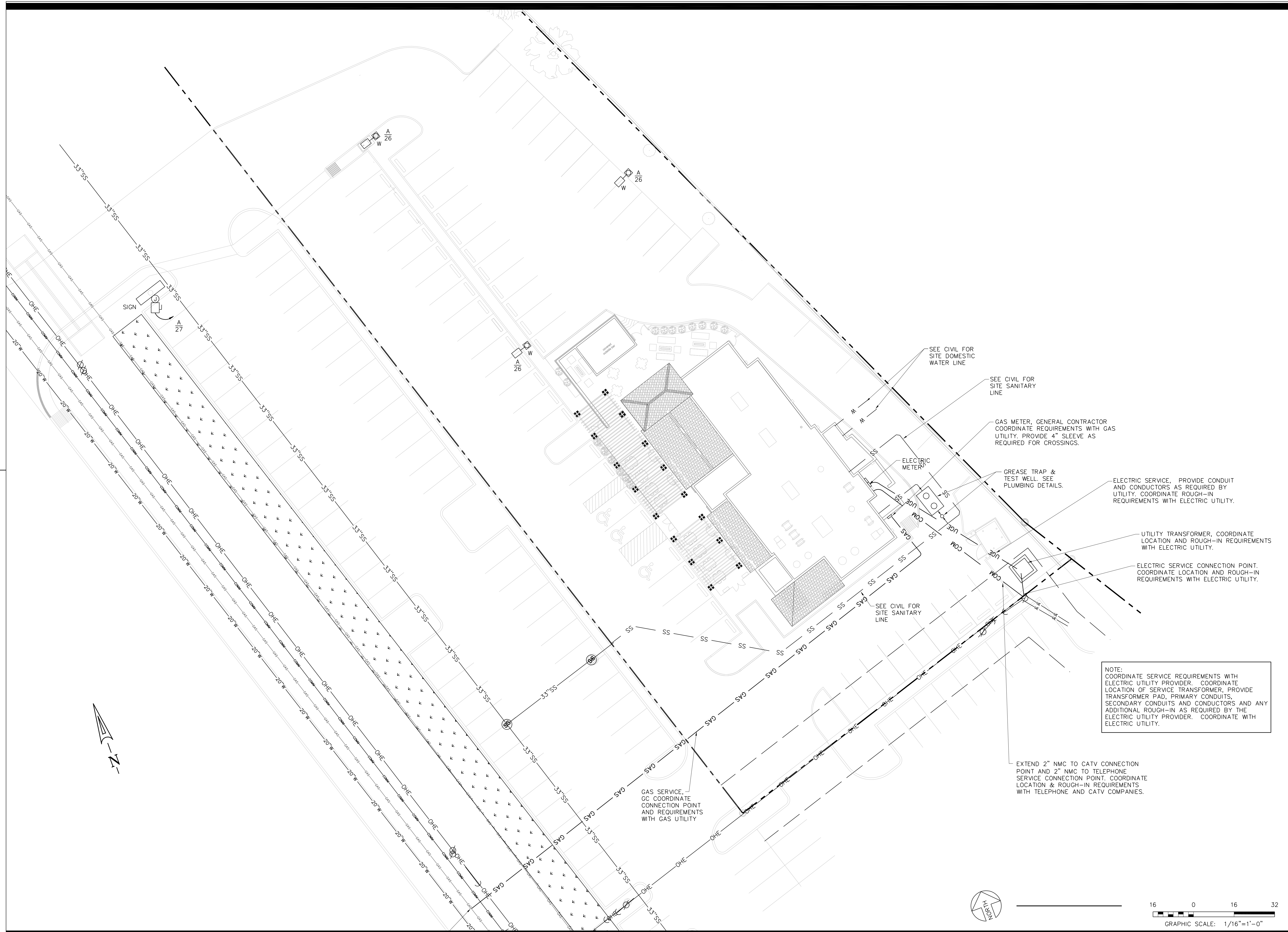
| LOOSE STEEL ANGLE LINTEL FOR VENEER MASONRY | | |
|---|--------------------------------|---|
| CLEAR SPAN | EXTERIOR ANGLES FOR 4" MASONRY | GENERAL NOTES |
| < 4'-0" | 3 1/2 x 3 1/2 x 5/16 | 1. PROVIDE 8" MINIMUM BEARING FOR ALL STEEL ANGLE LINTELS. PROVIDE CONTINUOUS LINTEL ANGLES BETWEEN ADJACENT EXTERIOR OPENINGS SEPARATED BY 2'-0" OR LESS. |
| 5'-0" | 3 1/2 x 3 1/2 x 5/16 | |
| 6'-0" | 4 x 3 1/2 x 5/16 | 2. THIS TABLE APPLIES ONLY TO NON-LOAD BEARING WALLS. |
| 7'-0" | 4 x 3 1/2 x 5/16 | 3. MEMBER SIZES INDICATED WITHIN THIS TABLE SHALL ONLY SUPPLEMENT INFORMATION FOUND ELSEWHERE IN THIS SET OF PLANS AND SHALL NOT SUPERSEDE MEMBER SIZES EXPLICITLY NOTED ON SECTIONS, DETAILS OR STRUCTURAL DRAWINGS. |
| 8'-0" | 5 x 3 1/2 x 5/16 | |
| 9'-0" | 5 x 3 1/2 x 3/8 | |
| 10'-0" | 6 x 3 1/2 x 3/8 | 4. ALL LINTEL ANGLES SHALL BE INSTALLED WITH LONG LEG VERTICAL. |

| WOOD HEADER SCHEDULE | | |
|----------------------|----------|----------|
| SPAN | 2x4 WALL | 2x6 WALL |
| 0'-0"-3'-0" | 2-2x8 | 3-2x6 |
| 3'-1"-6'-0" | 2-2x10 | 3-2x8 |
| 6'-1"-10'-0" | 2-2x12 | 3-2x12 |

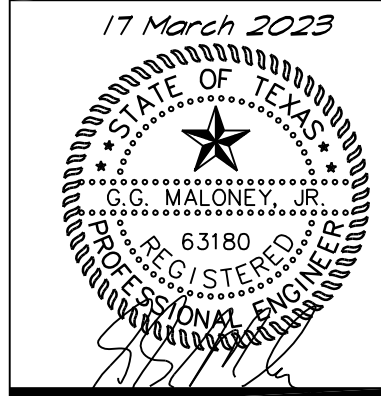


(REF. ARCH'L. 1/A6.1)
1 ROOF FRAMING SECTION
 SCALE: 3/4" = 1'-0"

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |
| | | |



NOTE:
COORDINATE SERVICE REQUIREMENTS WITH ELECTRIC UTILITY PROVIDER. COORDINATE LOCATION OF SERVICE TRANSFORMER, PROVIDE TRANSFORMER PAD, PRIMARY CONDUITS, SECONDARY CONDUITS AND CONDUCTORS AND ANY ADDITIONAL ROUGH-IN AS REQUIRED BY THE ELECTRIC UTILITY PROVIDER. COORDINATE WITH ELECTRIC UTILITY.



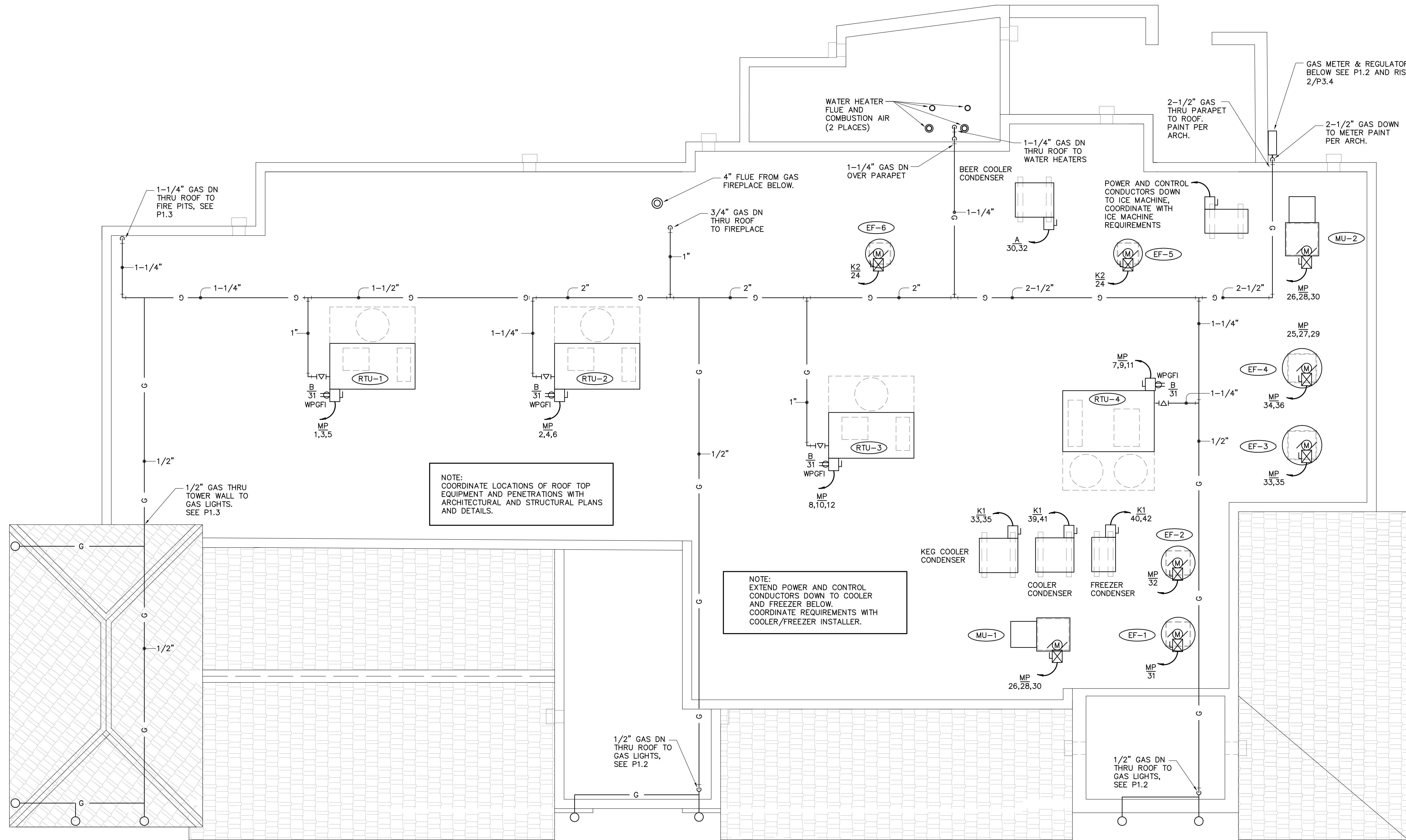
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SCALE:
AS NOTED

PROJECT NO.
05-05-22

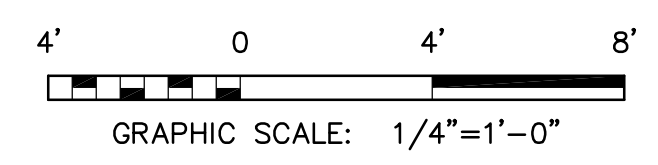
SHEET NO.
ME1.1

Mar 17, 2023 - 3:17pm
00-1511-ME1.2-Mech Elec roof Plan.dwg



1

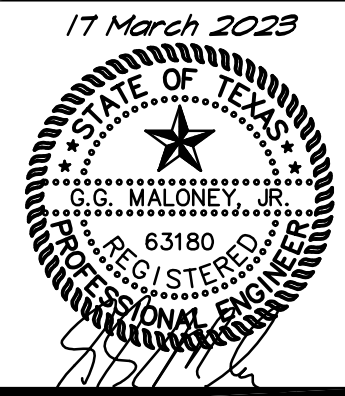
**MECHANICAL/ELECTRICAL
ROOF PLAN**
SCALE: 1/4"=1'-0"



MLA
MICHAEL LEGG ARCHITECTURE
Michael Gregory Legg
NCARB, AIA, IBAC, SACAP
16116 High Timber Pkwy
San Antonio, Texas 78260
ph. 210-416-4935
mlegg@mlaarchitect.com

DRAWING COORDINATION
Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

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17 March 2023
MALONEY ASSOCIATES CONSULTING ENGINEERS, INC. F-1400
1028 TRAILWOOD DR
HURST, TEXAS 76024
(817) 288-0884
MALONEYENG.COM

MECHANICAL/ELECTRICAL ROOF PLAN
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |

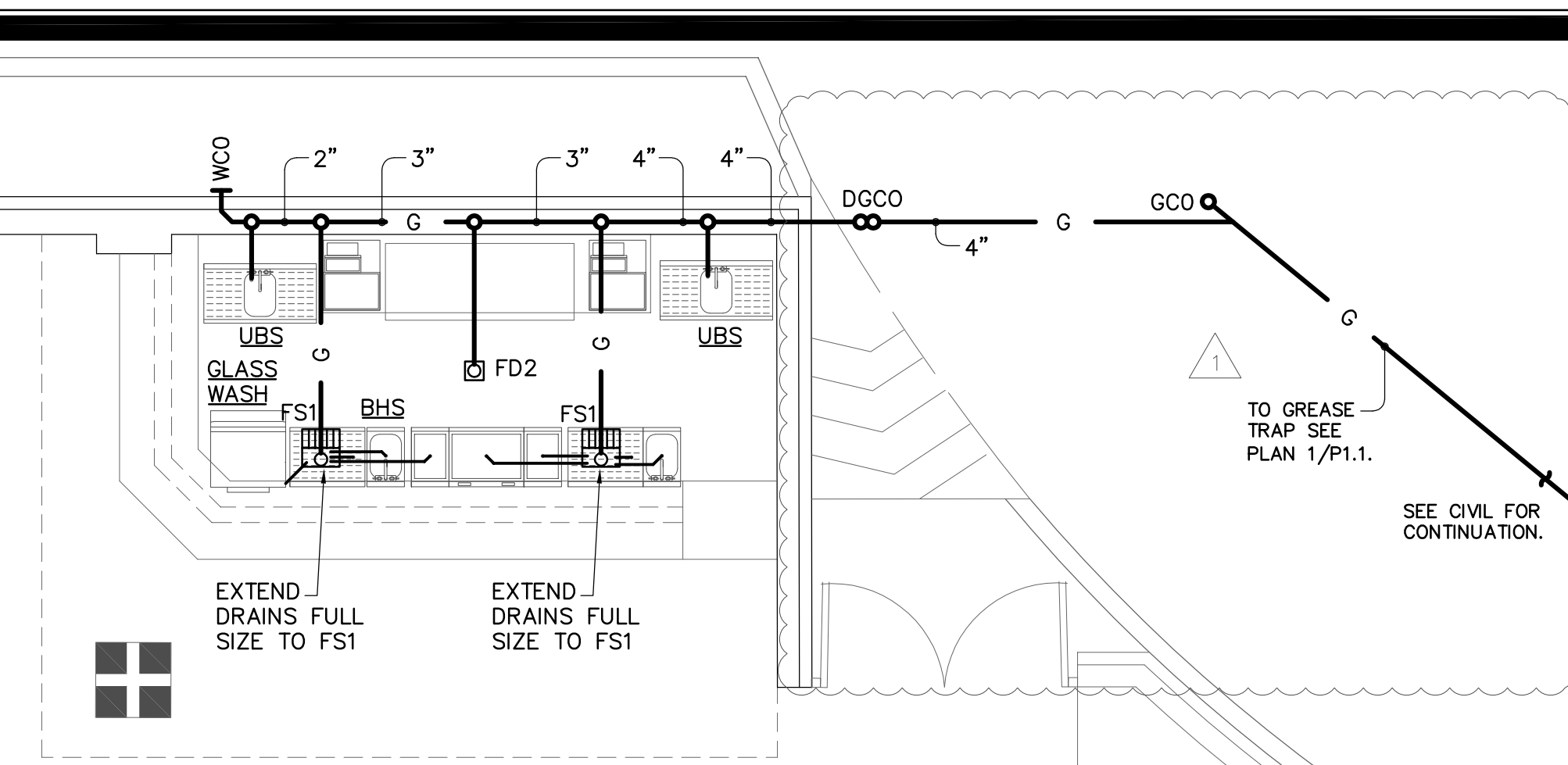
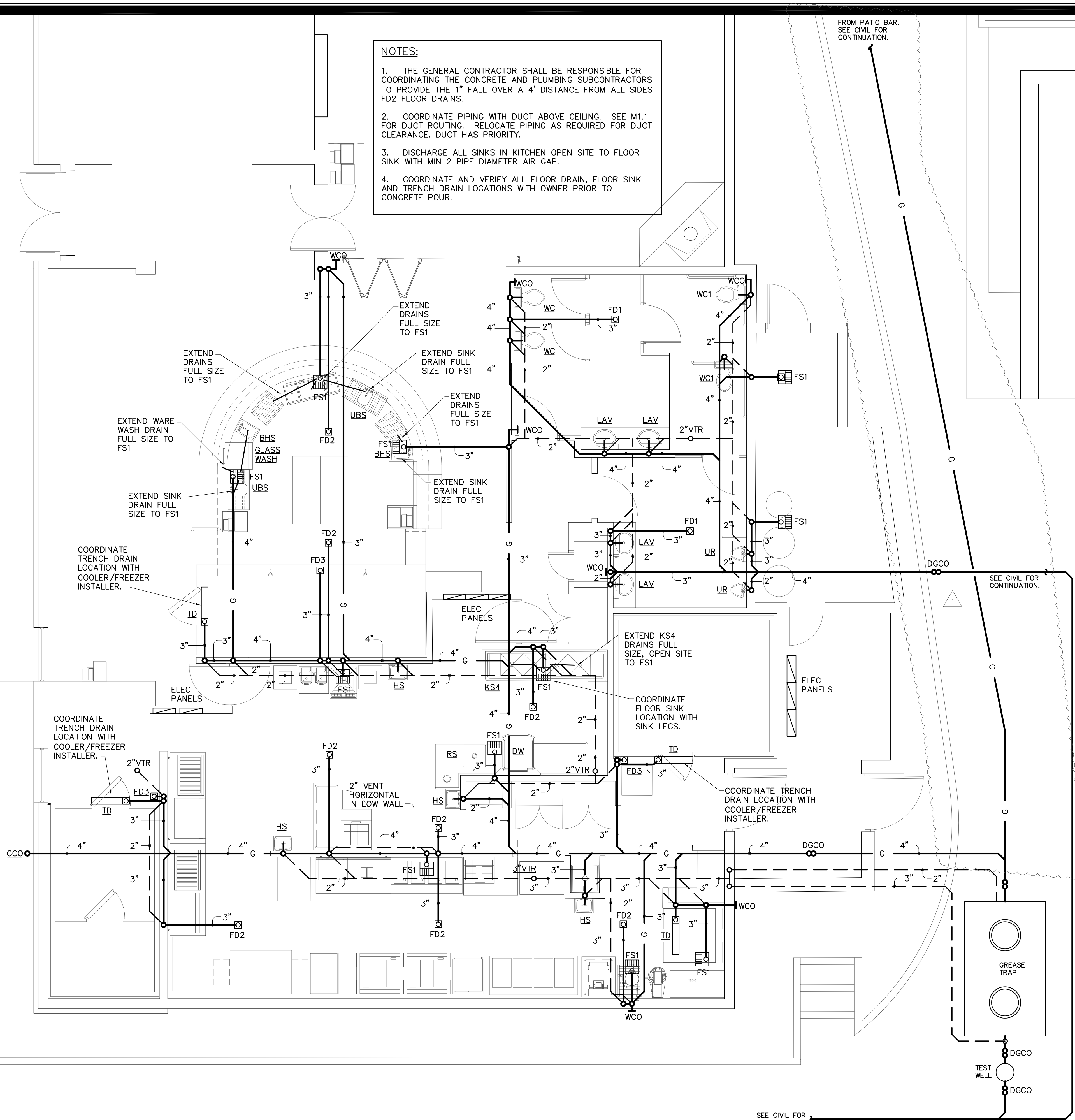
SCALE: AS NOTED

PROJECT NO. 05-05-22

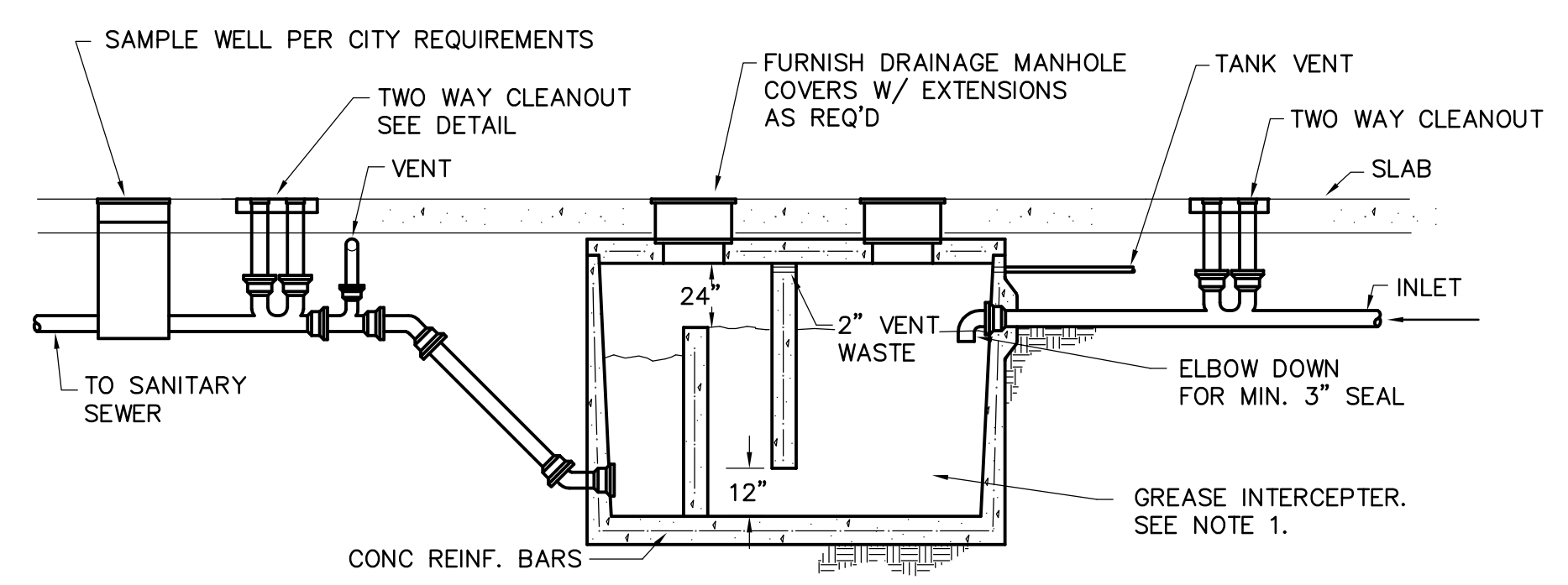
SHEET NO. ME1.2

NOTES:

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CONCRETE AND PLUMBING SUBCONTRACTORS TO PROVIDE THE 1" FALL OVER A 4' DISTANCE FROM ALL SIDES FD2 FLOOR DRAINS.
2. COORDINATE PIPING WITH DUCT ABOVE CEILING. SEE M1.1 FOR DUCT ROUTING. RELOCATE PIPING AS REQUIRED FOR DUCT CLEARANCE. DUCT HAS PRIORITY.
3. DISCHARGE ALL SINKS IN KITCHEN OPEN SITE TO FLOOR SINK WITH MIN 2 PIPE DIAMETER AIR GAP.
4. COORDINATE AND VERIFY ALL FLOOR DRAIN, FLOOR SINK AND TRENCH DRAIN LOCATIONS WITH OWNER PRIOR TO CONCRETE POUR.



2 PATIO BAR PLUMBING WASTE PLAN
SCALE: 1/4"=1'-0"



NOTE:

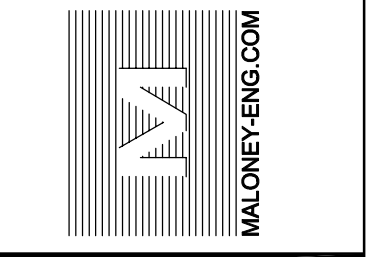
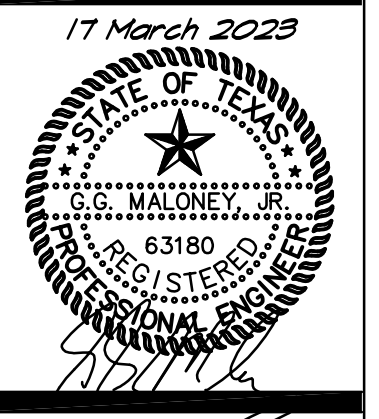
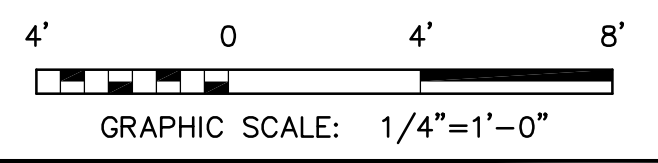
1. PROVIDE A 1500 LB OLDCASTLE GT-1500 GREASE TRAP OR EQUIVALENT
2. REFERENCE PLUMBING PLAN FOR PIPE SIZES.
3. EXTEND VENT TO BUILDING AS SHOWN ON PLUMBING PLAN.
4. PROVIDE PARK SWB-9 SAMPLE WELL BASIN OR EQUIVALENT.

3 SECTION GREASE TRAP DETAIL
SCALE: NTS

| Lion & Rose | | | 17-Apr-23 | 2:25 PM |
|--|------|----------------------------|------------------|---------|
| | Quan | *GPM ea | Ttl GPM | |
| Hand Sink (FS1) | 4 | 7.5 | 30.0 | |
| Floor Sink (FS1) | 9 | 22 | 198.0 | |
| 4 comp sink (FS1) | 1 | 24.4 | 24.4 | |
| 3" drain (FD1) | 8 | 37.5 | 300.0 | |
| Mop Sink | 1 | 37.5 | 37.5 | |
| TrenchDrain(TD) | 4 | 22 | 88.0 | |
| | | | 0.0 | |
| | | | 0.0 | |
| | | | 677.9 gpm | |
| * GPM ea taken from PDI-G101, Table A1.7 | | 677.9 gpm | | |
| | | 2 lbs grease/gpm | | |
| | | 1355.8 lbs grease capacity | | |

Above is interpreted from PDI-G101, Article 7.9 and Table A1.2 showing 2lbs grease capacity per gpm of flow rate.

1 PLUMBING WASTE PLAN
SCALE: 1/4"=1'-0"

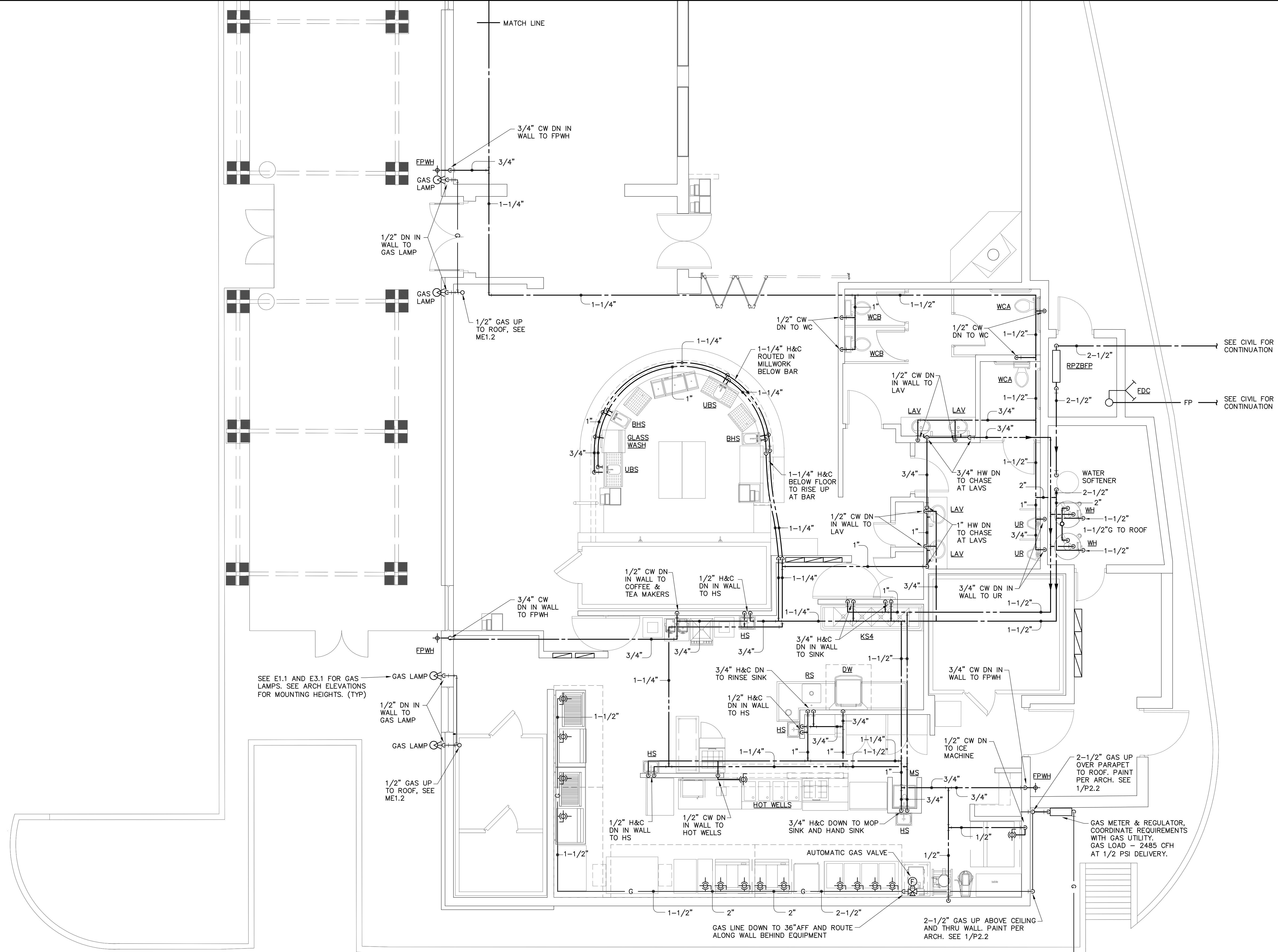


| DATE | DESCRIPTION | BY |
|--|------------------------|----|
| 4/17/23 <td>MEP CHANGES <td>1</td> </td> | MEP CHANGES <td>1</td> | 1 |

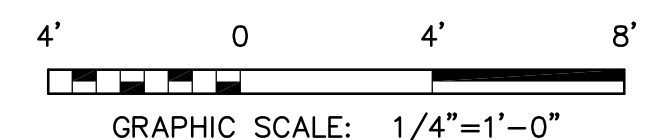
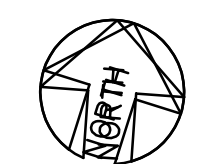
SCALE: AS NOTED

PROJECT NO. 05-05-22

SHEET NO. P1.1

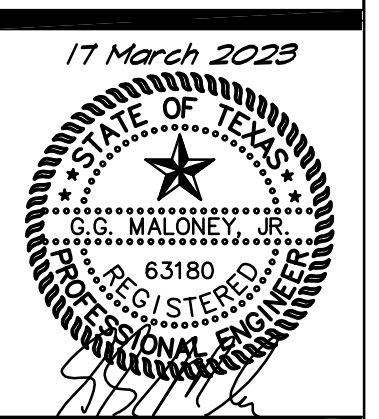


**KITCHEN
PLUMBING WATER SUPPLY
PLAN**
SCALE: 1/4"=1'-0"

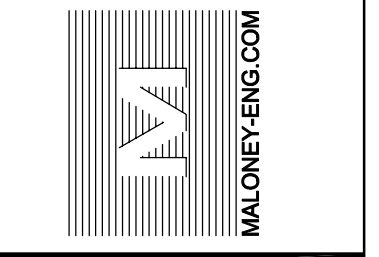


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RESPONSIBLE ENGINEER IS AN
OFFENSE UNDER THE TEXAS
ENGINEERING PRACTICE ACT.



MALONEY ASSOCIATES, INC.
CONSULTING ENGINEERS, INC.
F-1400
1208 TRINWOOD DR
HOUSTON, TEXAS 77058
(817) 268-0383



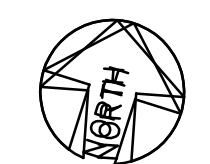
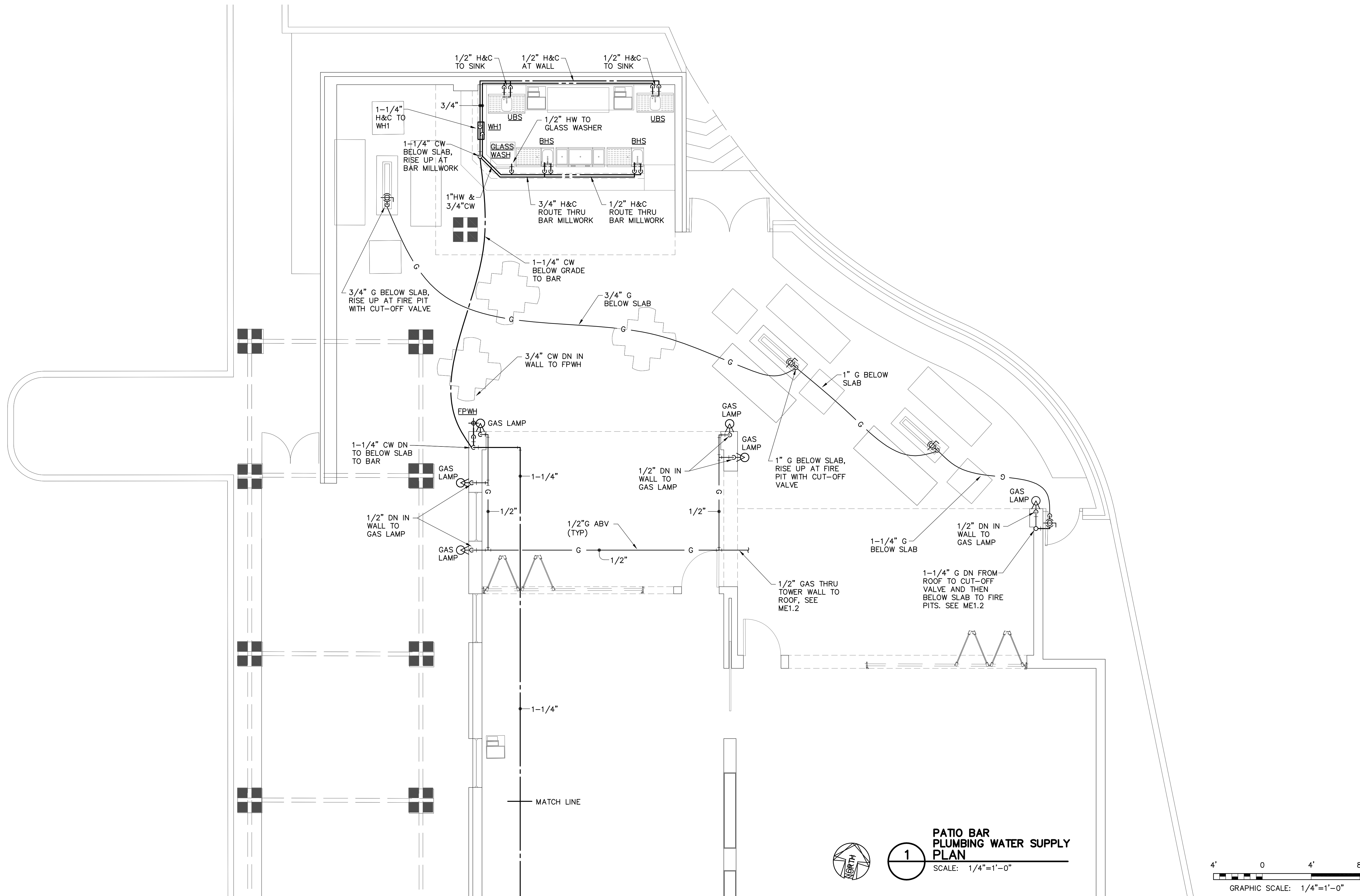
PLUMBING WATER SUPPLY PLAN
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |

SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
P1.2



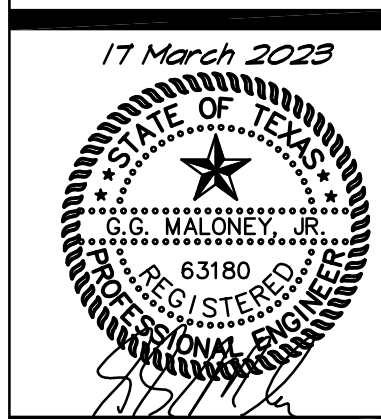
1

**PATIO BAR
PLUMBING WATER SUPPLY
PLAN**
SCALE: 1/4"=1'-0"



**DRAWING
COORDINATION**
Architectural, Landscape, Civil,
Structural, Mechanical and
Electrical drawings are interrelated.
General Contractor and all Sub
Contractors shall review and
coordinate the entire set of
drawings and specifications

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
G.G. MALONEY, JR., P.E. 63180
ON MAR 17, 2023. ALTERATION
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CONSULTING ENGINEERS, INC.**
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MALONEY-ENG.COM

PLUMBING WATER SUPPLY PLAN
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

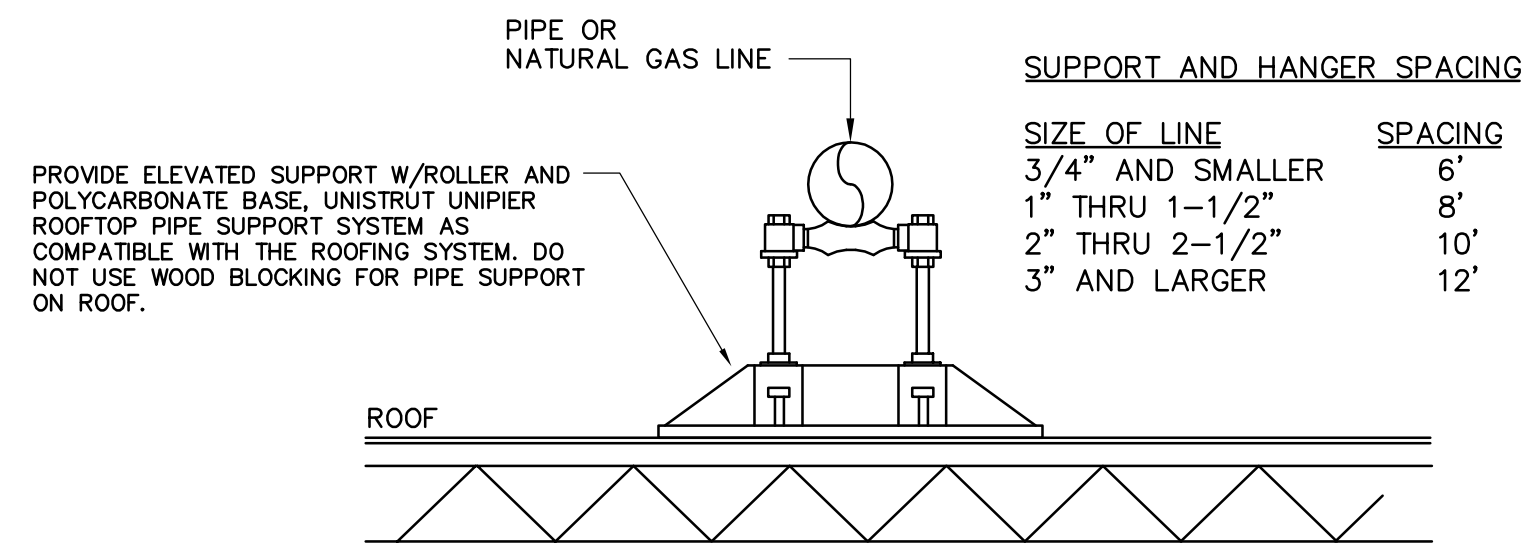
| DATE | DESCRIPTION | BY |
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SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
P1.3

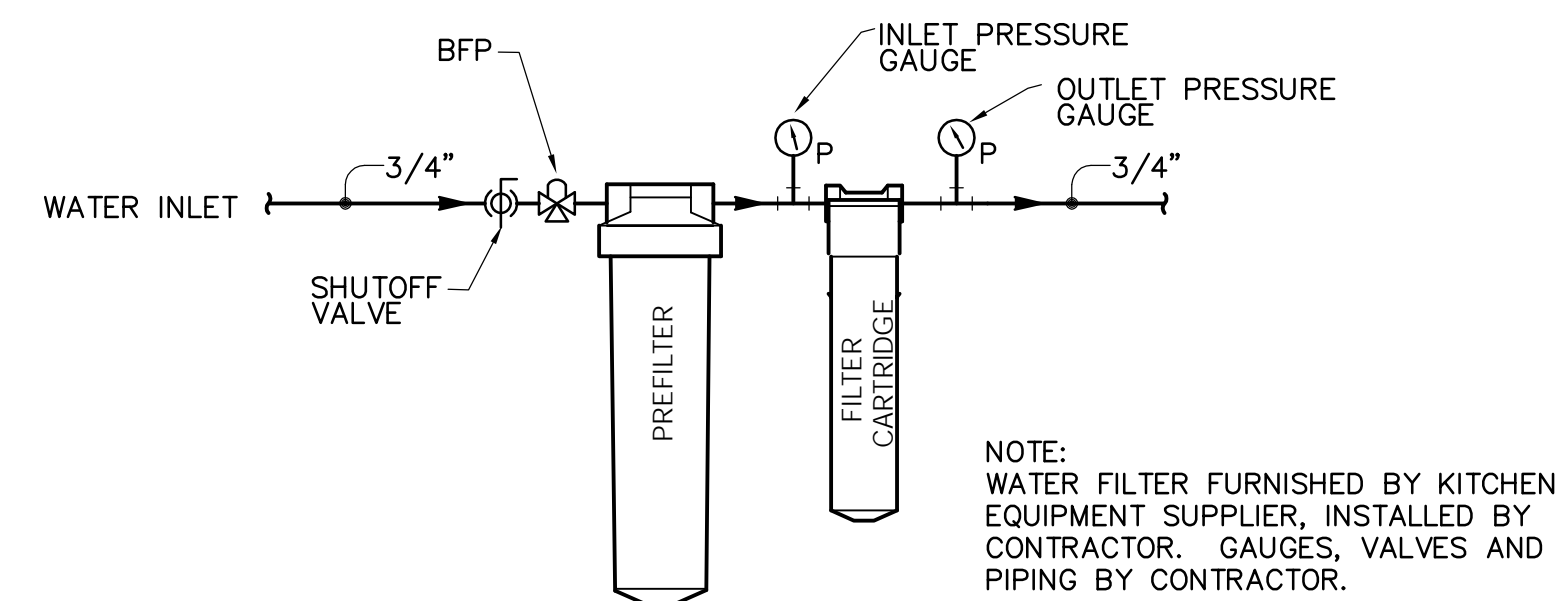
Mar 17, 2023 - 3:20pm
03-1511-P2.1-Plumbing Details.dwg



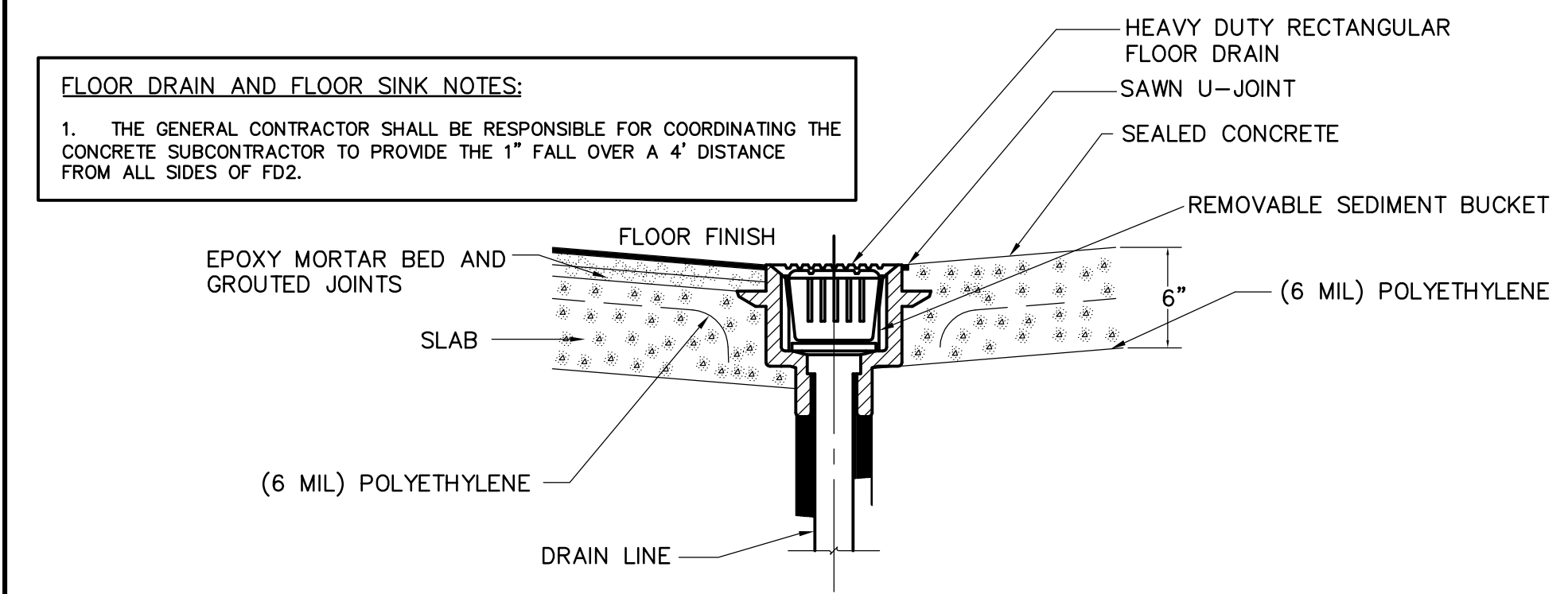
8 PIPE SUPPORT DETAIL
NO SCALE

SUPPORT AND HANGER SPACING

| SIZE OF LINE | SPACING |
|------------------|---------|
| 3/4" AND SMALLER | 6' |
| 1" THRU 1-1/2" | 8' |
| 2" THRU 2-1/2" | 10' |
| 3" AND LARGER | 12' |

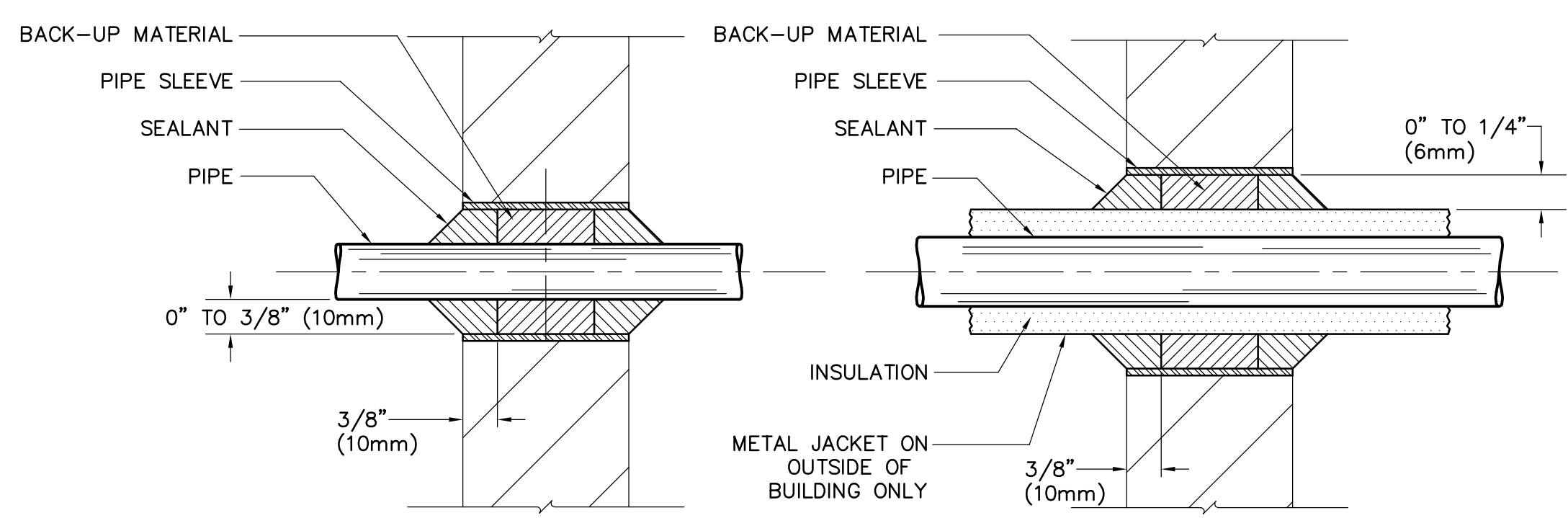


9 WATER FILTER DETAIL
NO SCALE

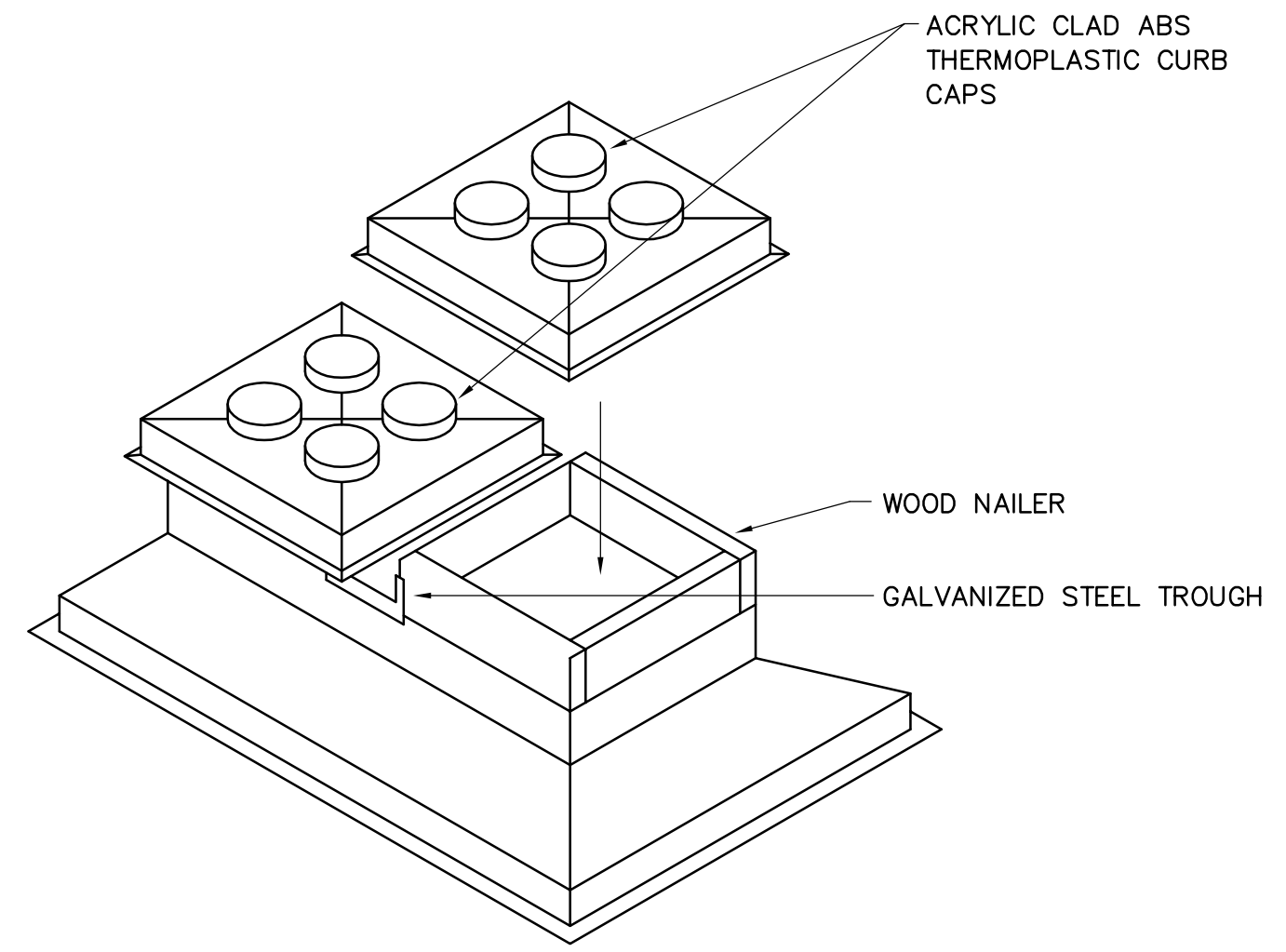


FLOOR DRAIN AND FLOOR SINK NOTES:
1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CONCRETE SUBCONTRACTOR TO PROVIDE THE 1" FALL OVER A 4' DISTANCE FROM ALL SIDES OF FDZ.

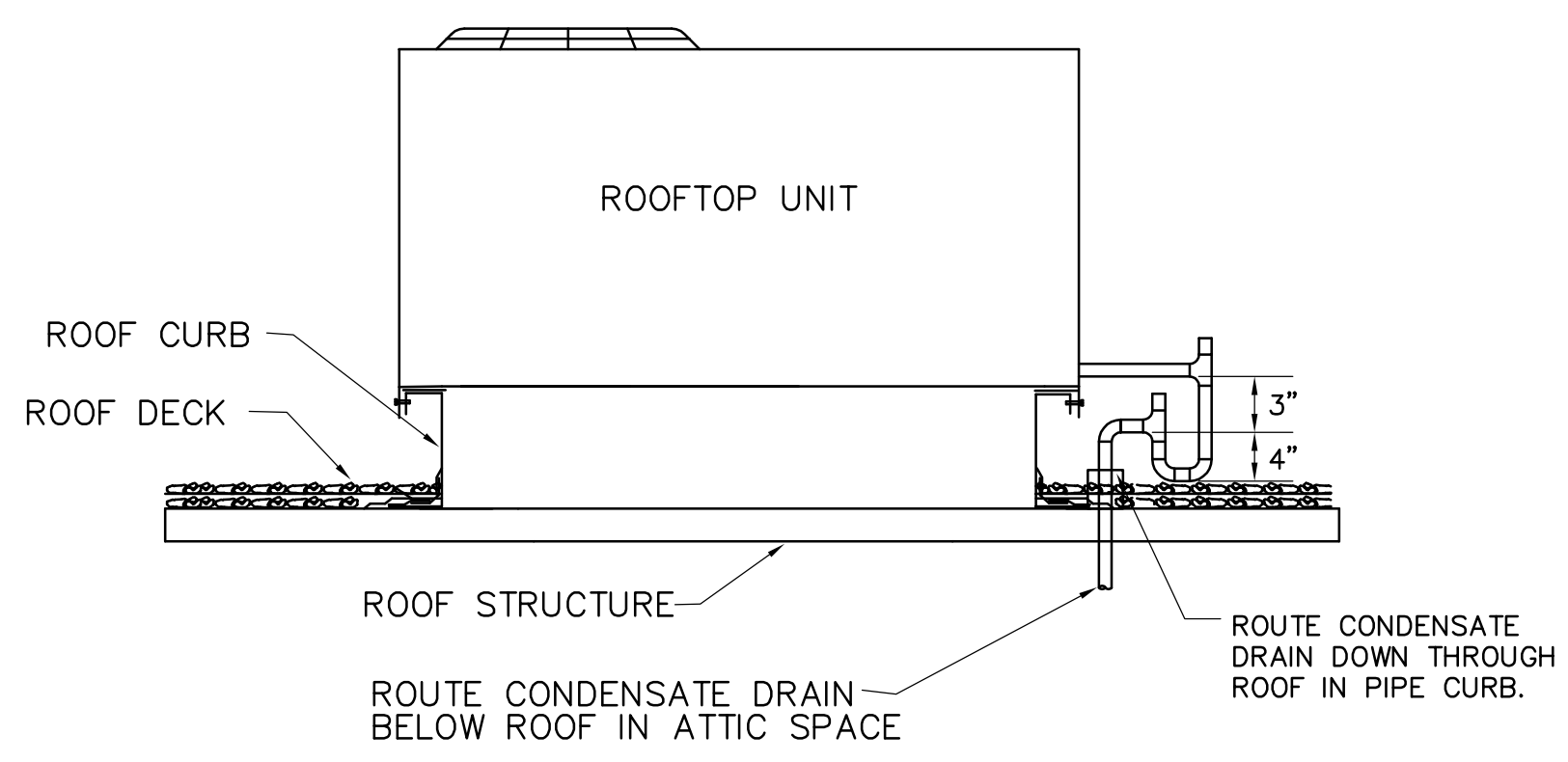
10 FLOOR DRAIN KITCHEN AREA DETAIL
NO SCALE



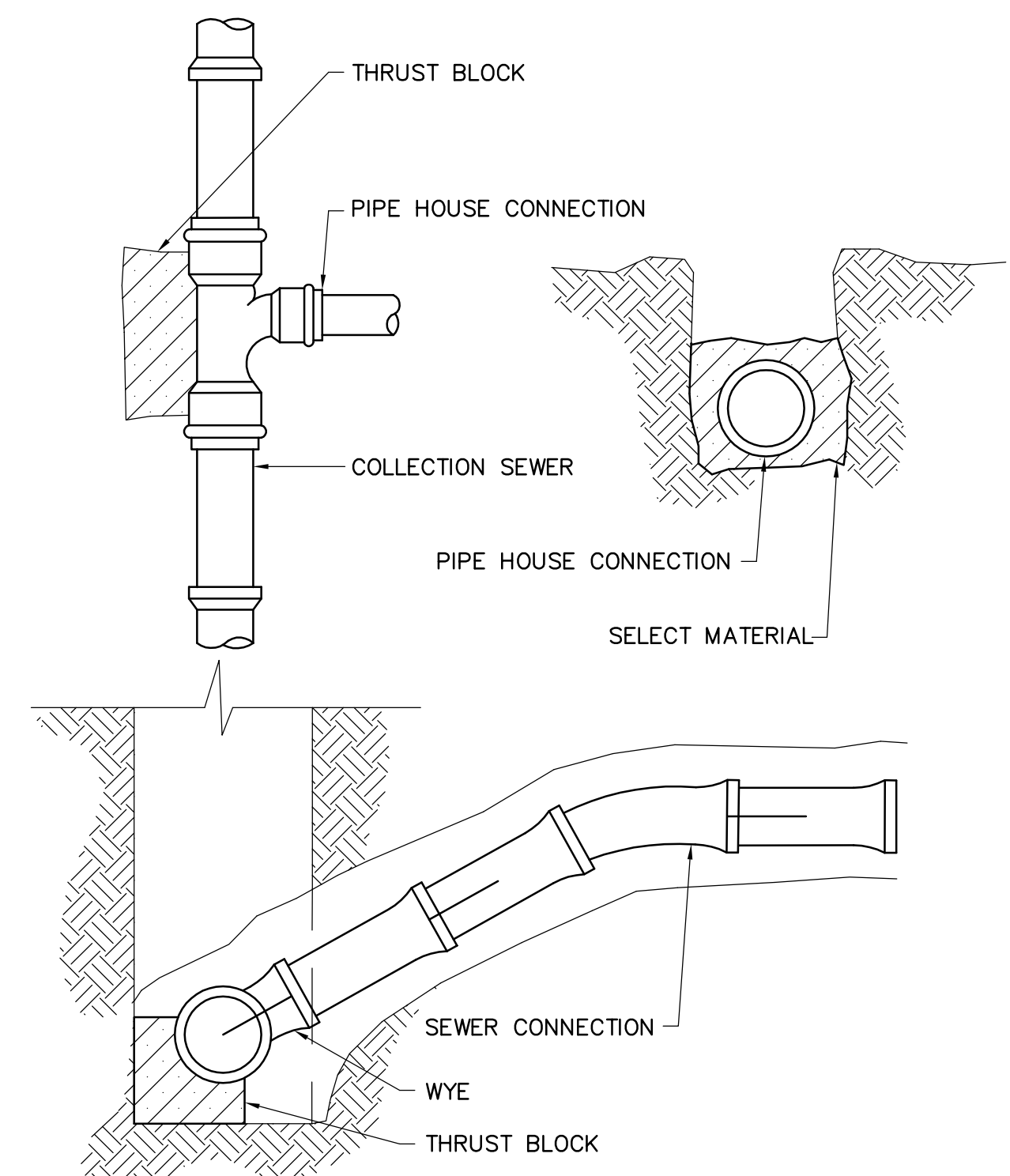
5 THRU WALL PIPING (ABOVE GRADE) DETAIL
NO SCALE



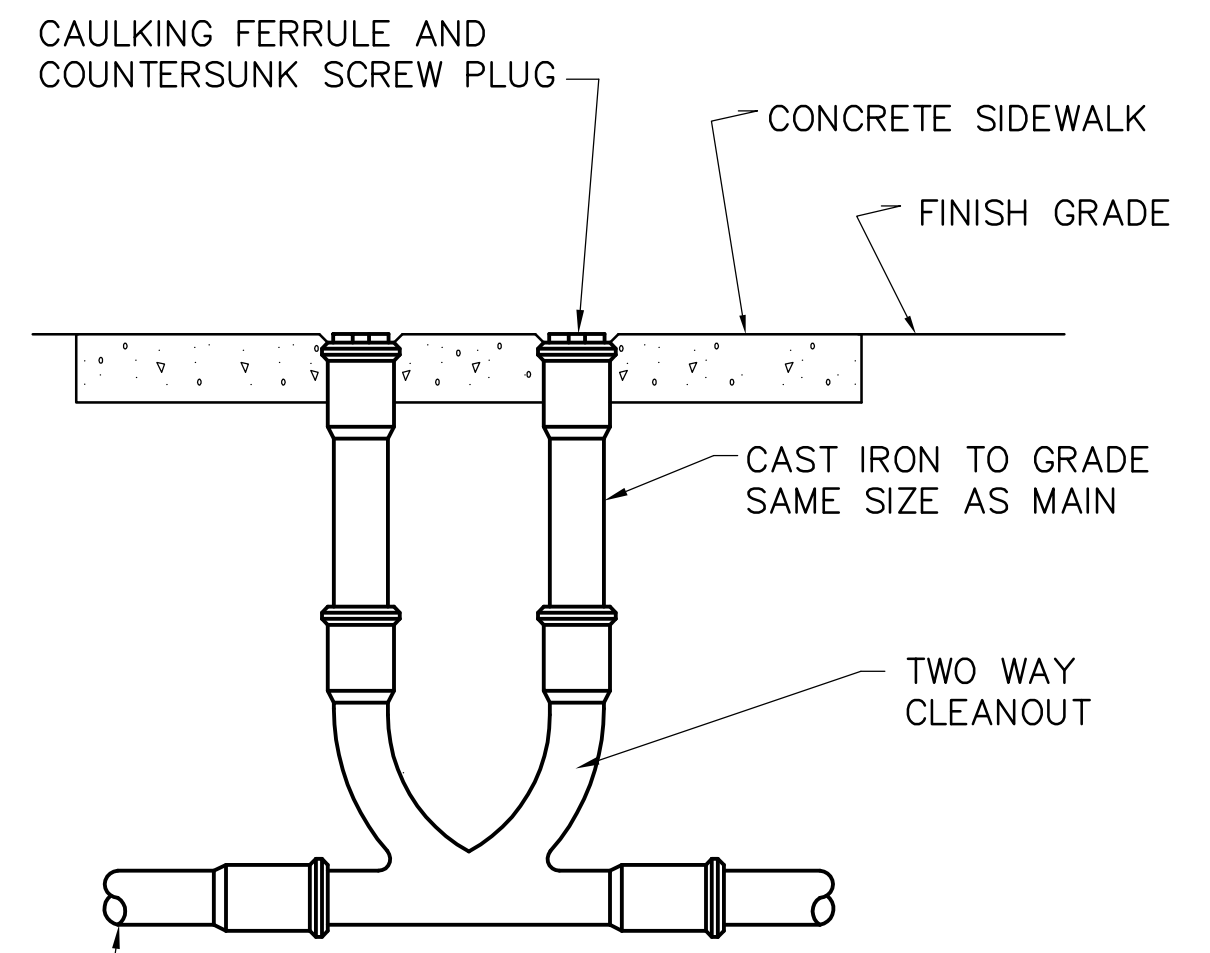
6 PIPE CURB (TYPICAL) DETAIL
NO SCALE



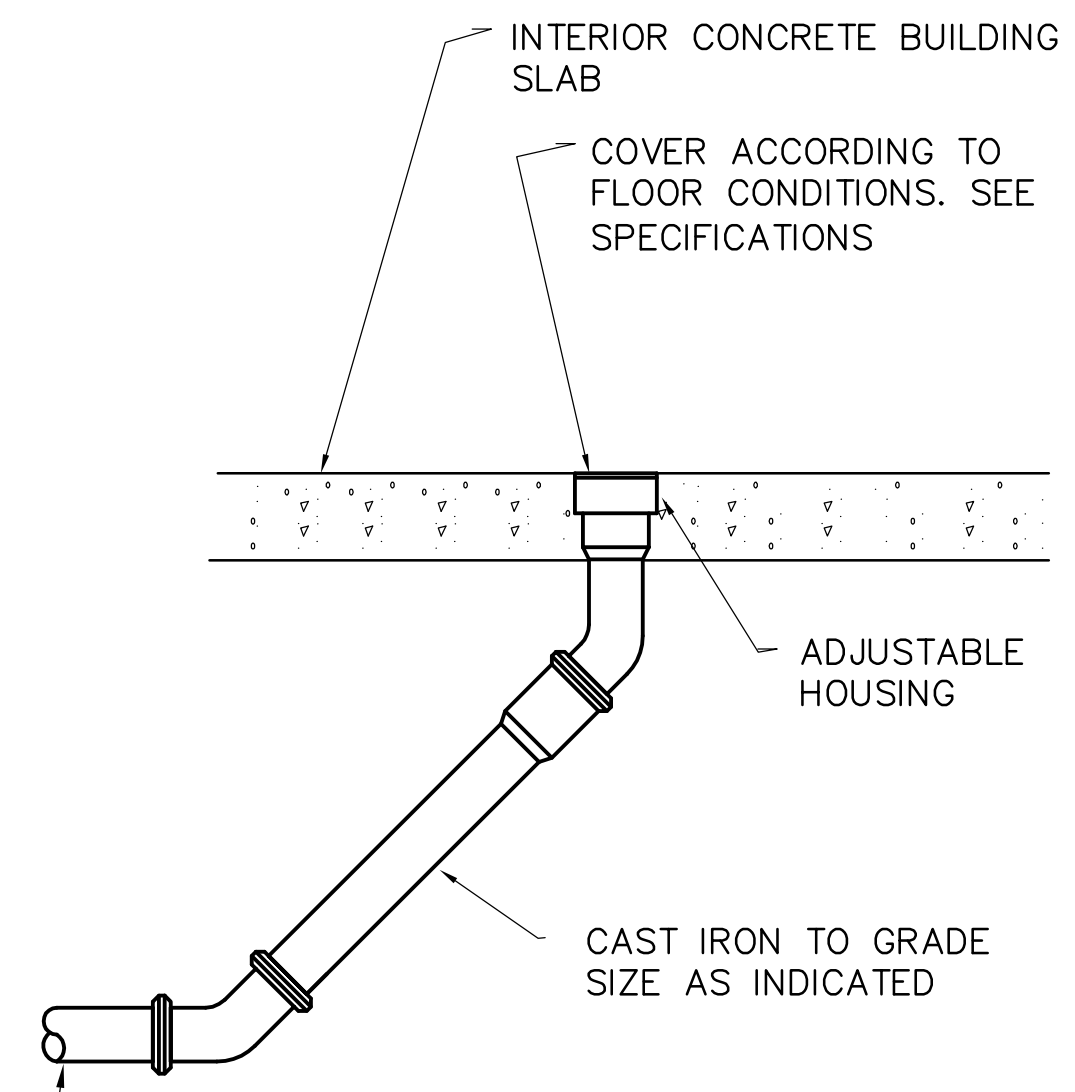
7 RTU CONDENSATE DRAIN DETAIL
NO SCALE



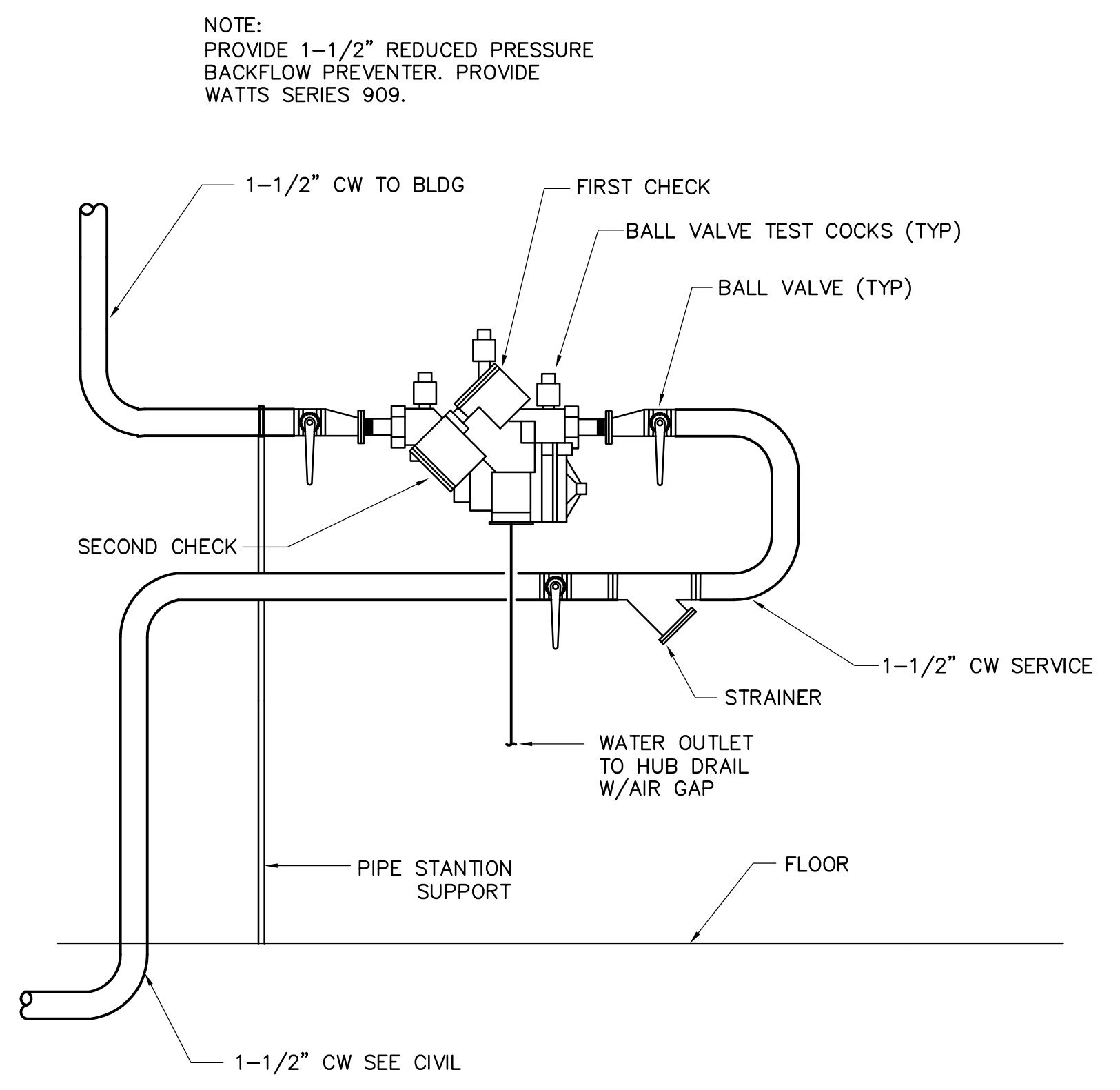
1 SANITARY SEWER CONNECTION DETAIL
NO SCALE



2 2-WAY GRADE CLEAN-OUT DETAIL
NO SCALE



3 BUILDING CLEAN-OUT DETAIL
NO SCALE

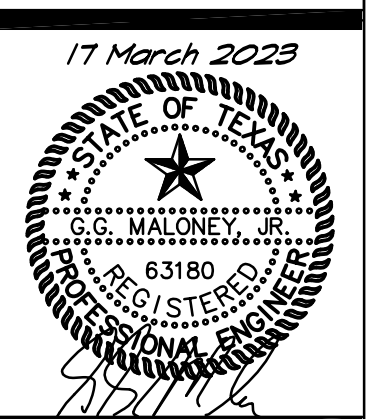


4 BACK FLOW PREVENTER DETAIL
NO SCALE

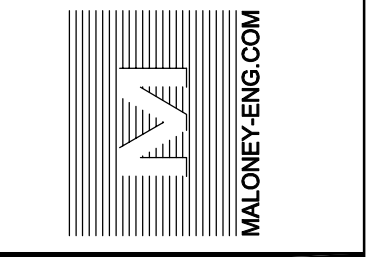
MLA
MICHAEL LEGG ARCHITECTURE
Michael Gregory Legg
NCARB, AIA, RIBA, SACAP
26116 High Timber Pass
San Antonio, Texas 78260
ph: 714-414-8553
mlegg@mlaarchitecture.com

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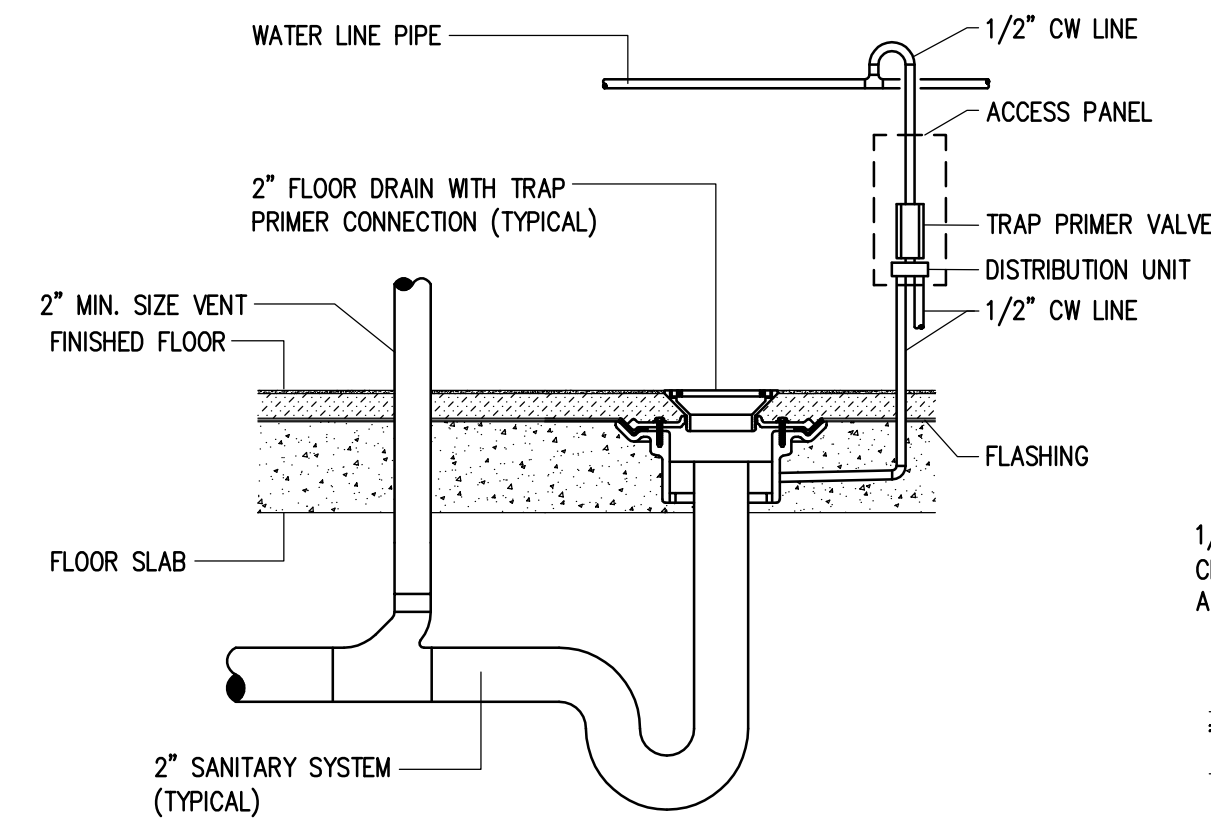
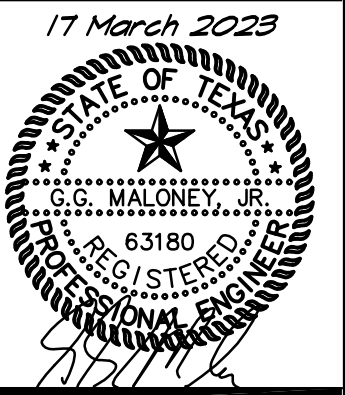
PLUMBING DETAILS
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|------|-------------|----|
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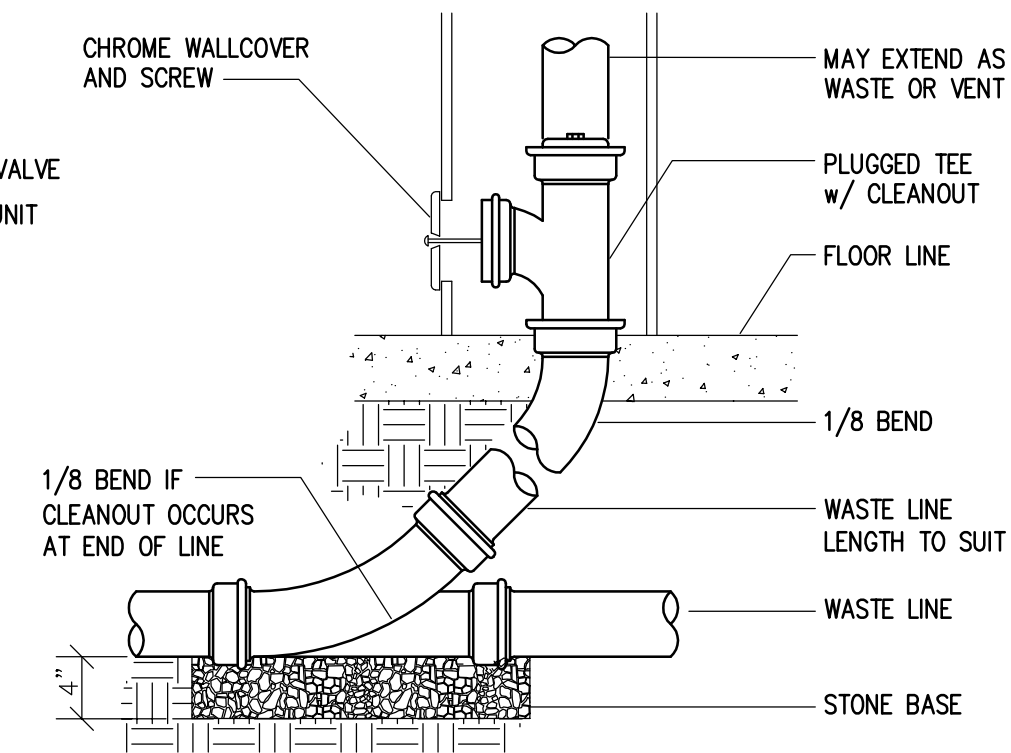
SCALE:
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PROJECT NO.
05-05-22

SHEET NO.
P2.1

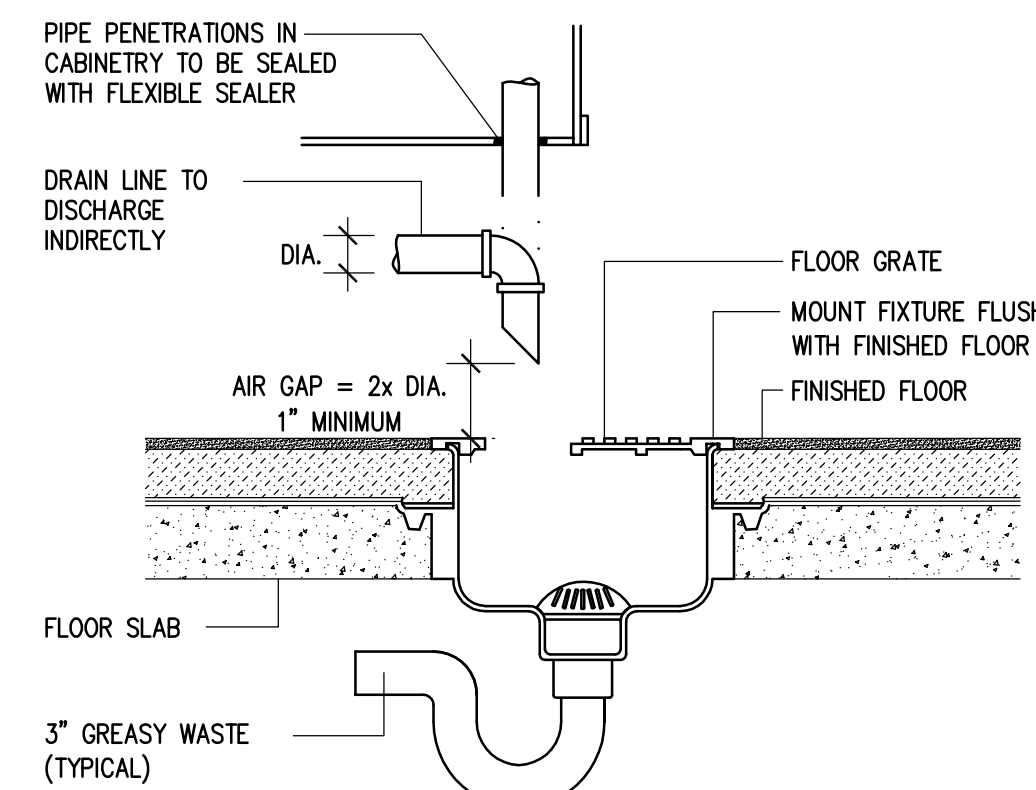


3 RR FLOOR DRAIN DETAIL
NO SCALE



5 WALL CLEANOUT DETAIL
NO SCALE

- FLOOR DRAIN AND FLOOR SINK NOTES:**
1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CONCRETE AND PLUMBING SUBCONTRACTORS TO PROVIDE THE 1/4" FALL OVER A 4' DISTANCE FROM ALL SIDES FD1 FLOOR DRAINS.
 2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CONCRETE AND PLUMBING SUBCONTRACTORS TO PROVIDE THE 1" FALL OVER A 4' DISTANCE FROM ALL SIDES FD2 FLOOR DRAINS AND FS1 FLOOR SINKS.



4 FLOOR SINK DETAIL
NO SCALE

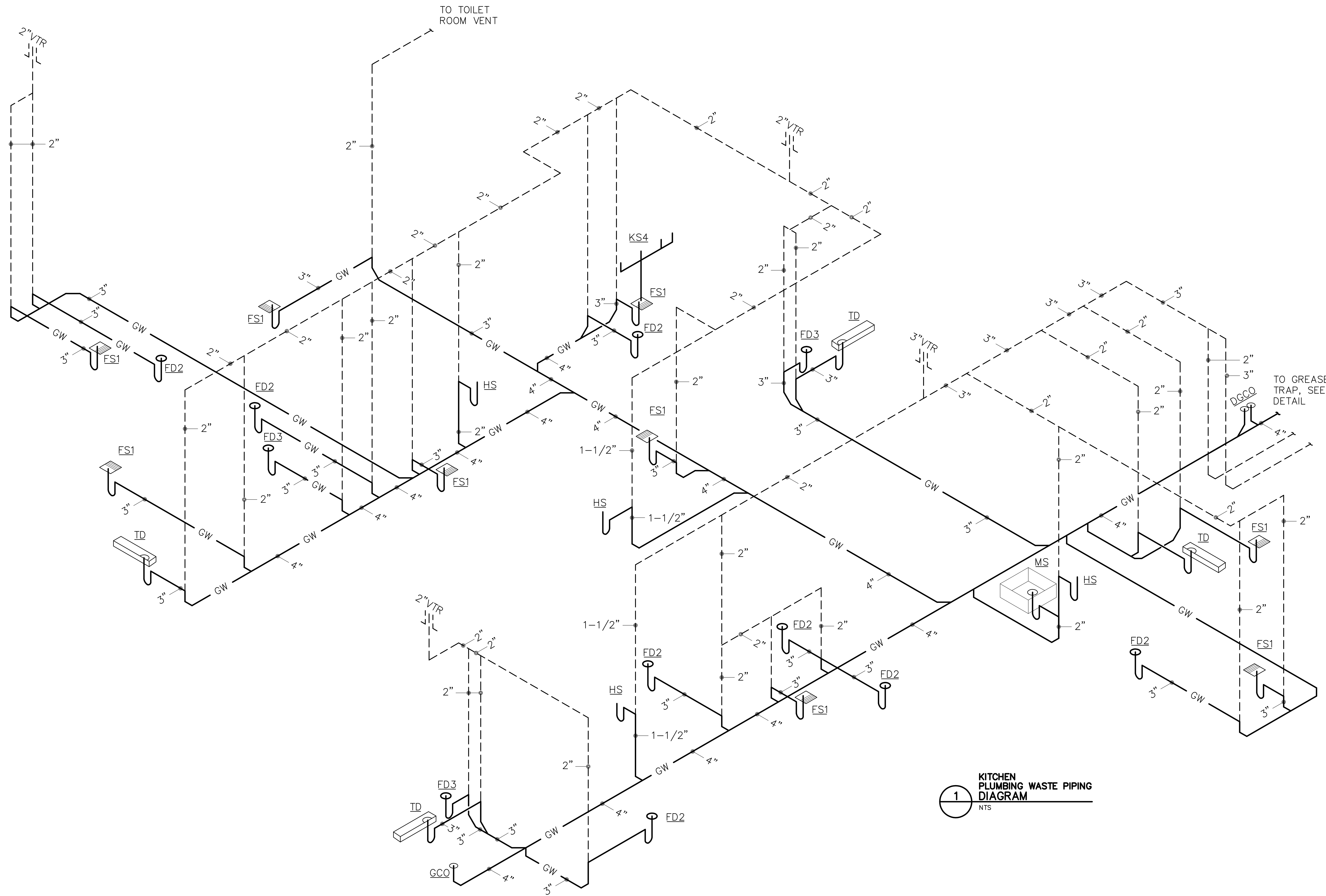
| DATE | DESCRIPTION | BY |
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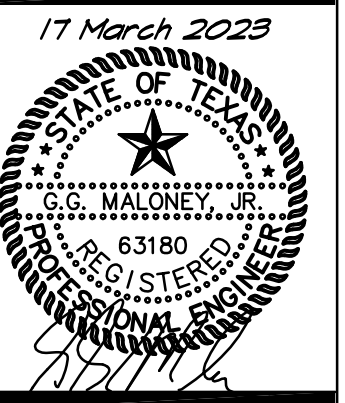
PROJECT NO.
05-05-22

SHEET NO.
P2.3

Mar 17, 2023 - 3:22pm
05-1511-P3.1-Plumbing Risers & Details.dwg



1
KITCHEN
PLUMBING WASTE PIPING
DIAGRAM
NTS



PLUMBING RISERS AND DETAILS

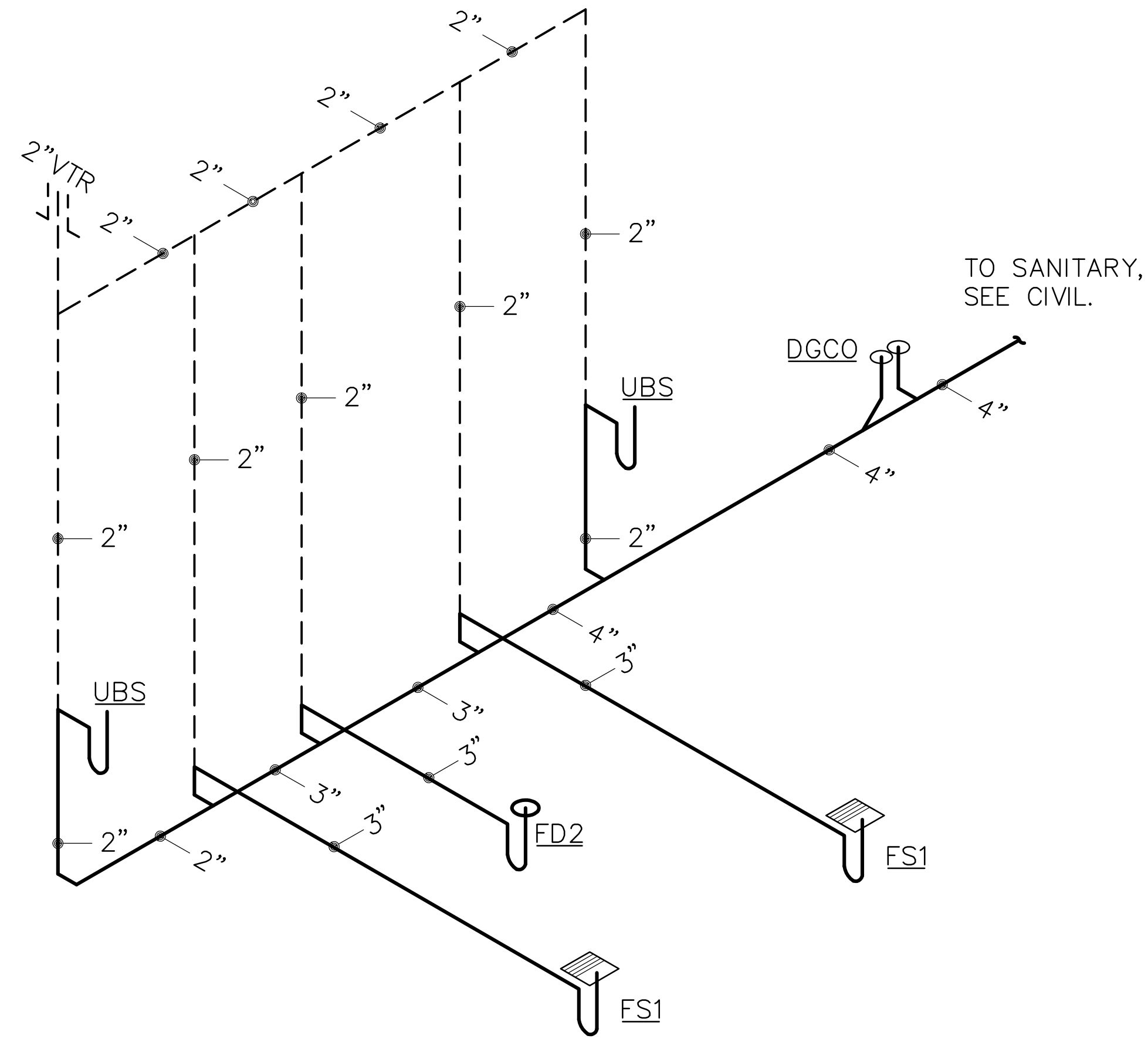
Lion & Rose Restaurant
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| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |

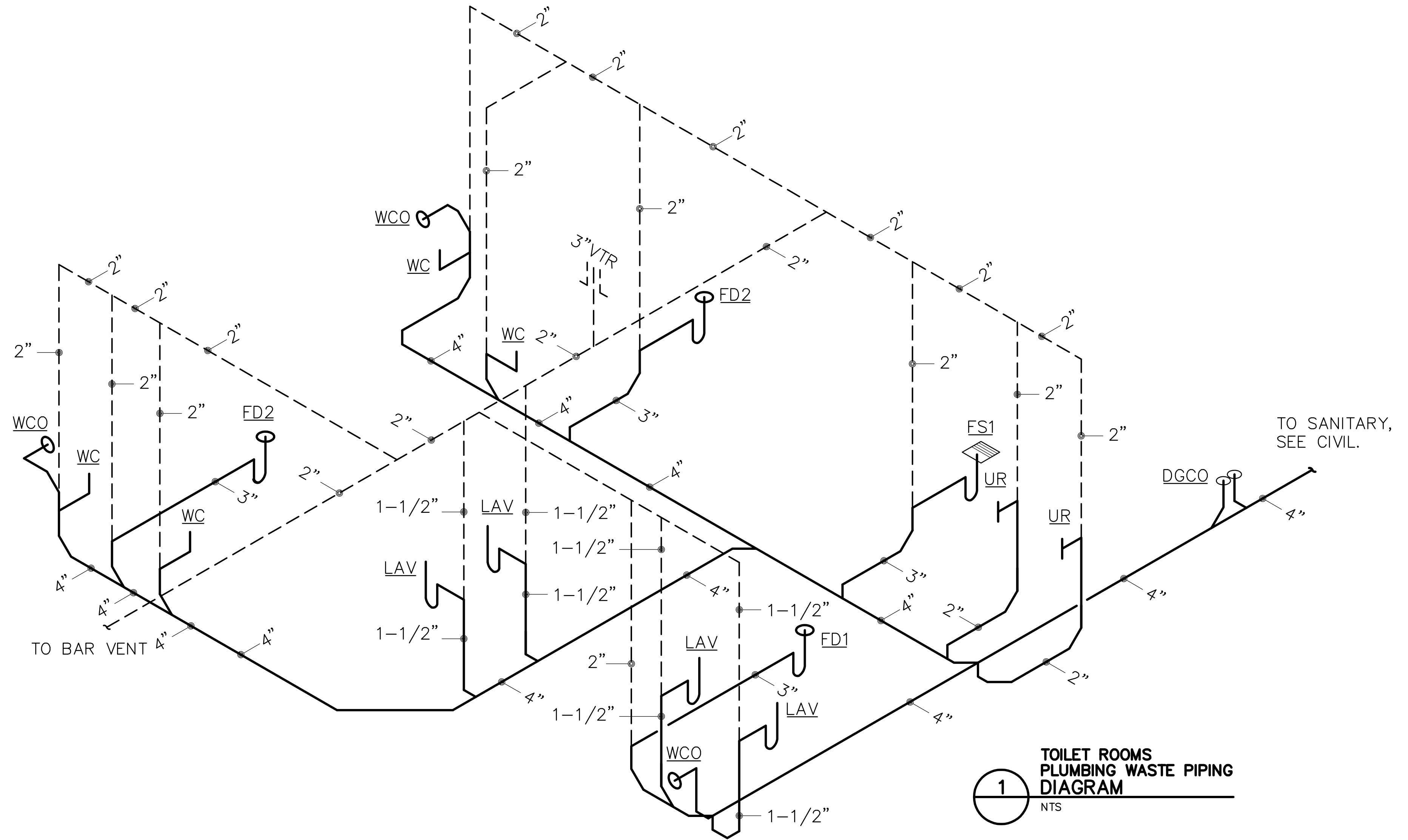
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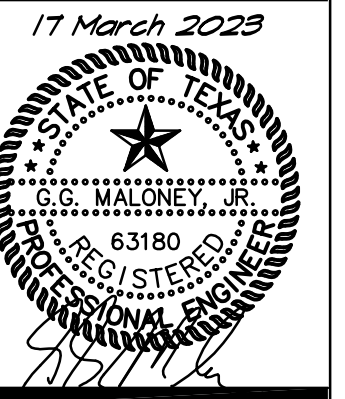
SHEET NO.
P3.1



2
PATIO BAR
PLUMBING WASTE PIPING
DIAGRAM
NTS



1
TOILET ROOMS
PLUMBING WASTE PIPING
DIAGRAM
NTS



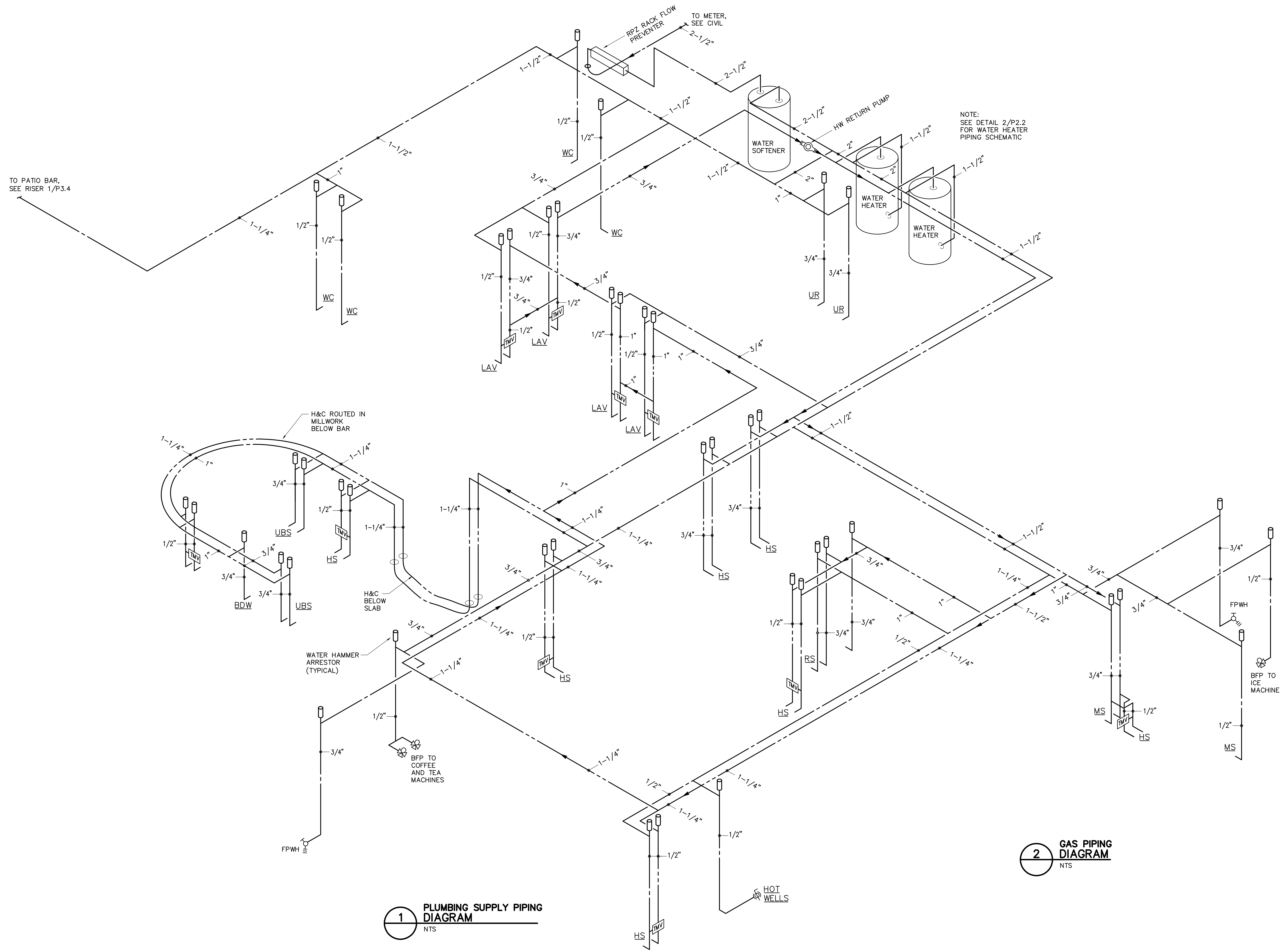
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SCALE:
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PROJECT NO.
05-05-22

SHEET NO.
P3.2

Mar 17, 2023 - 3:24pm
06-1511-P3.3-Plumbing Risers & Details.dwg



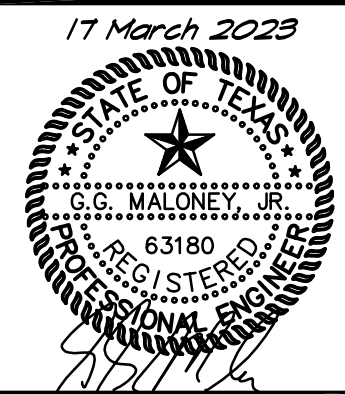
1 PLUMBING SUPPLY PIPING DIAGRAM
NTS

2 GAS PIPING DIAGRAM
NTS

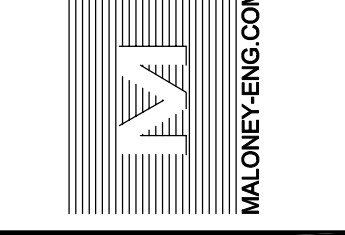
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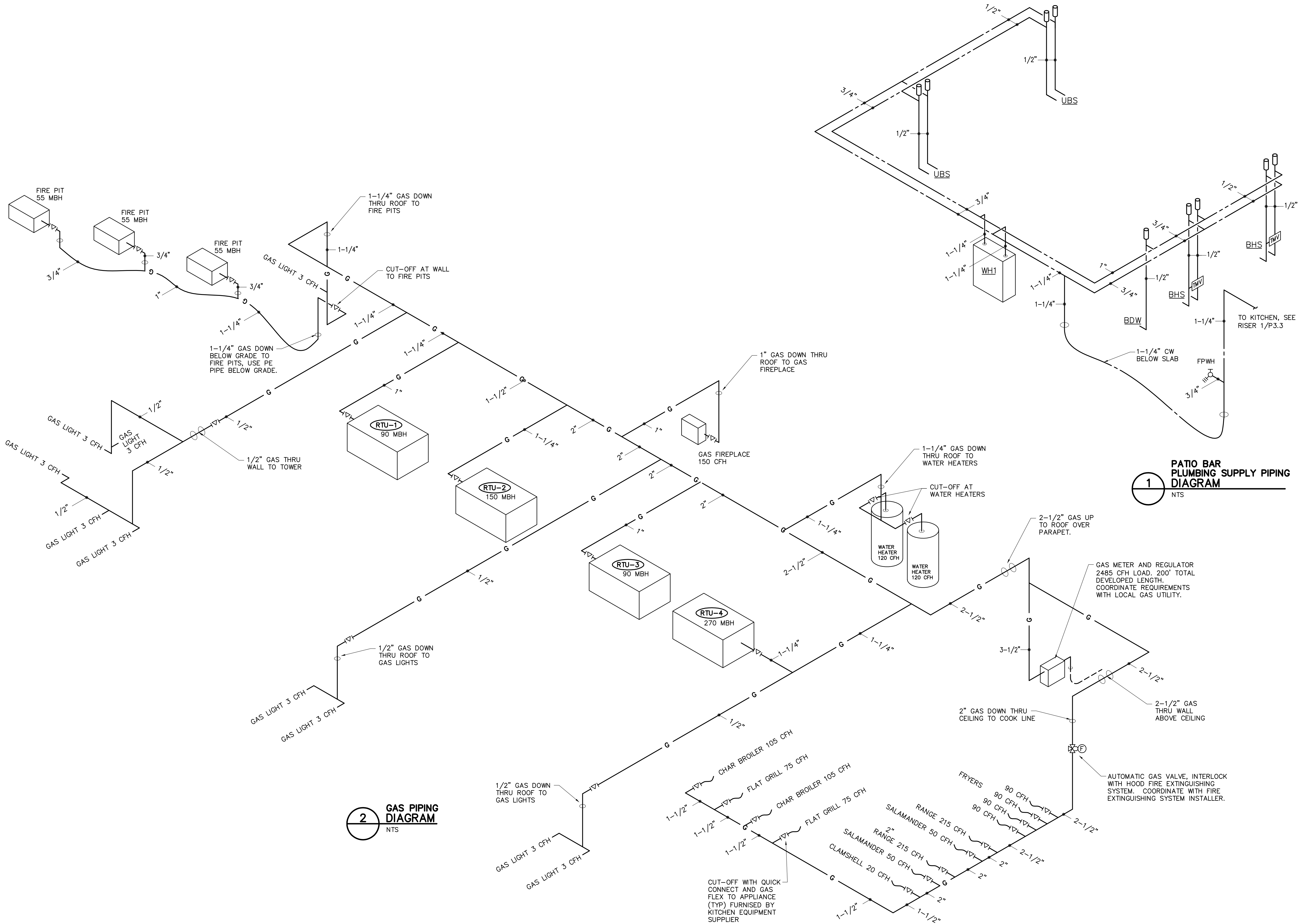
KITCHEN PLUMBING SUPPLY RISERS
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
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SCALE:
AS NOTED

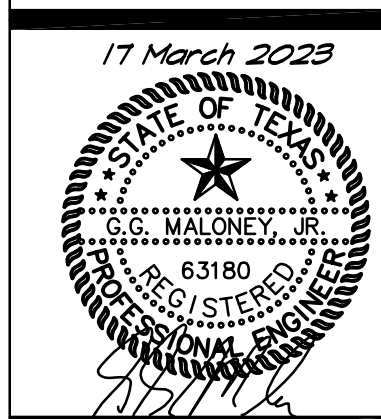
PROJECT NO.
05-05-22

SHEET NO.
P3.3



2 GAS PIPING DIAGRAM
NTS

1 PATIO BAR PLUMBING SUPPLY PIPING DIAGRAM
NTS

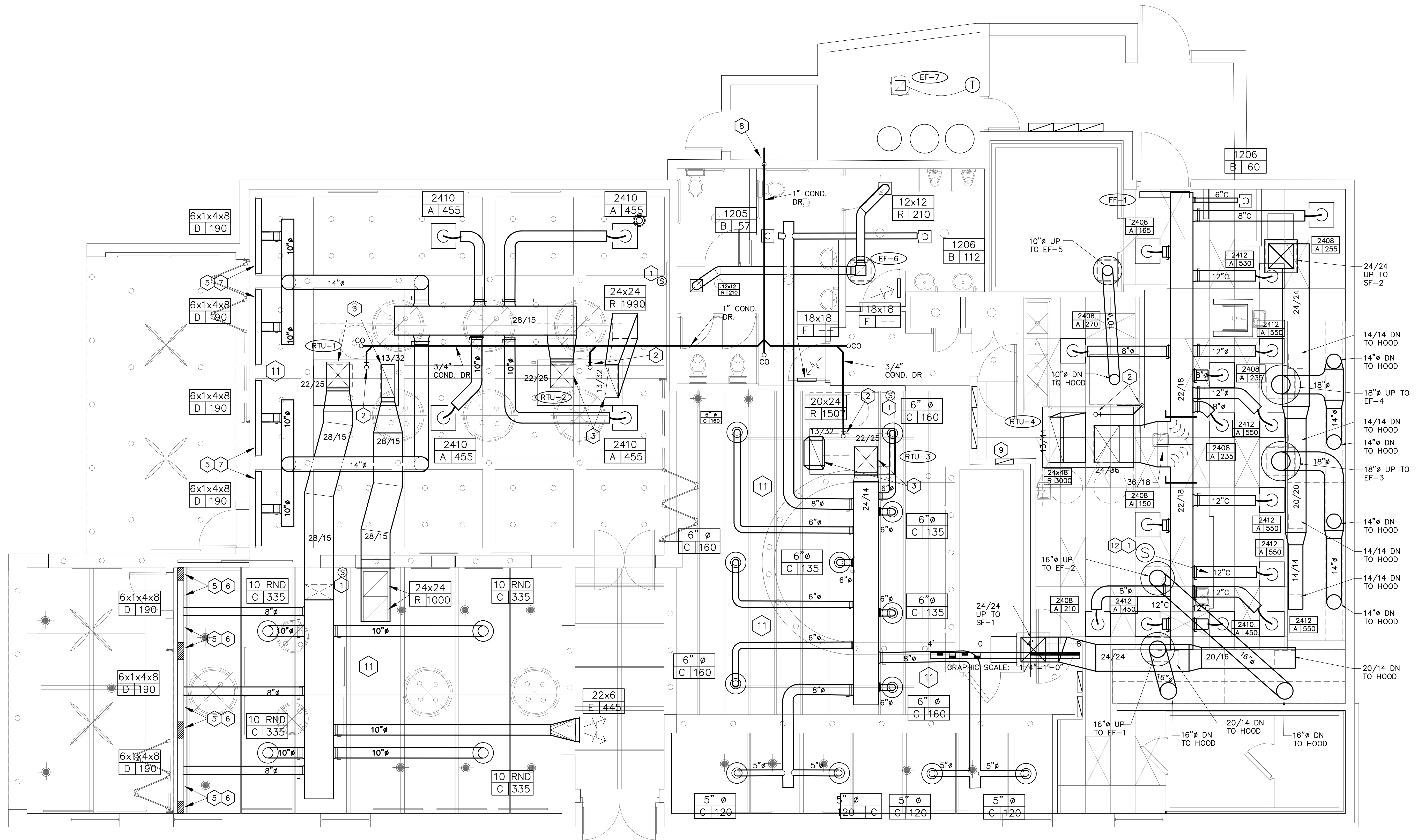


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AS NOTED

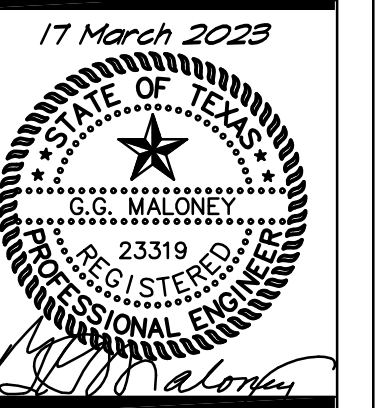
PROJECT NO.
05-05-22

SHEET NO.
P3.4



NOTES BY SYMBOL

- | | | |
|--|---|--|
| <p>1. SET THERMOSTAT SENSORS 54 INCHES AFF.</p> <p>2. 3/4 INCH CONDENSATE DRAIN FROM INSIDE CURB OF RTU, OVERHEAD TO WALL, DOWN IN WALL AND OUT TO FLOOR SINK AT DISHWASHER.</p> <p>3. SUPPLY AND RETURN UP TO RTU ON ROOF.</p> <p>4. VERTICAL DUCT SIZE OF EXH FAN INTAKE UP TO FAN ON ROOF.</p> <p>5. SET SLOTS WITH UNDERSIDE SAME ELEVATION AS UNDERSIDE OF ADJACENT COFFER OR BEAM.</p> | <p>6. PROVIDE SLOTS THAT ARE CONTINUOUS WALL TO WALL. LENGTH INDICATED IS FOR THE ACTIVE SECTION. PROVIDE BLANK-OFF FOR INACTIVE SECTION.</p> <p>7. PROVIDE SLOTS THAT ARE CONTINUOUS WITHIN COFFER. LENGTH INDICATED IS FOR THE ACTIVE SECTION. PROVIDE BLANK-OFF FOR INACTIVE SECTION.</p> <p>8. 1 INCH CONDENSATE DRAIN FROM OVERHEAD IN ATTIC, DOWN IN WALLM AND OUT TO FLOOR SINK.</p> <p>9. HVAC MASTER CONTROLS. SENSORS ARE IN THEIR RESPECTIVE SPACES.</p> | <p>SET POINT CONTROLS ARE HERE. THERMOSTAT, SENSOR ONLY. CONTROLS ARE INDICATED BY NOTE 9. COORDINATE LOCATION WITH LIGHT SWITCHES AND DIMMERS.</p> <p>11. DUCTWORK WITHIN THIS ROOM IS PARTIALLY OR ENTIRELY EXPOSED TO OCCUPANT'S VIEW. SEE "EXPOSED DUCT NOTES" ON SHEET M-2 AND SEE ARCHITECTURAL CROSS SECTIONS, REFLECTED CEILING PLAN, AND OTHER ARCHITECTURAL DRAWINGS TO DETERMINE EXTENT OF EXPOSED DUCTWORK.</p> <p>12. SET CLEAR OF HAND SINK BELOW.</p> |
|--|---|--|

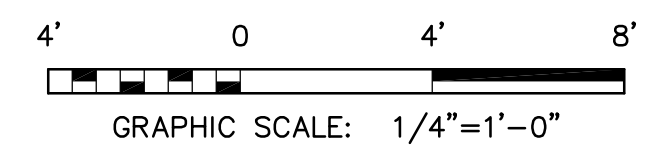


| BY | DESCRIPTION | DATE |
|----|-------------|------|
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SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
M1.1



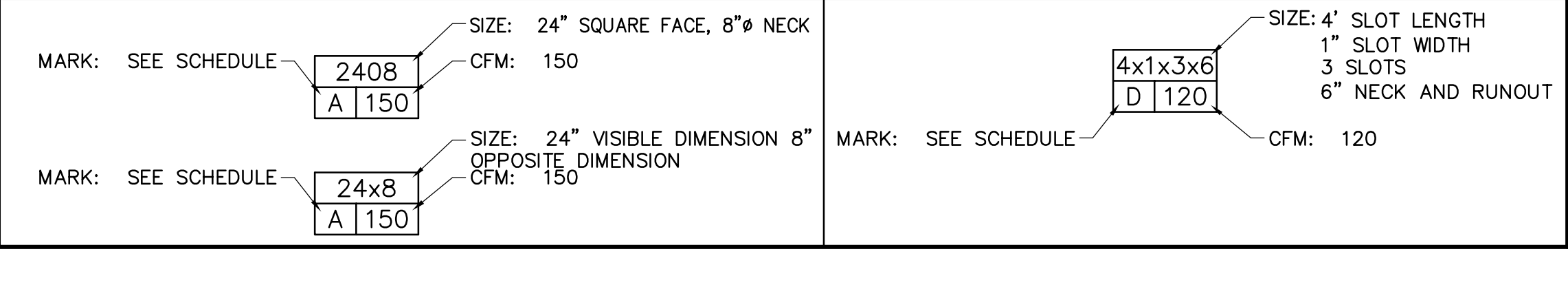
| ROOF TOP UNIT (RTU) SCHEDULE | | | | | | | | | | | | | | DOMINION LION & ROSE | | 4/17/2023 14:26 | | | | | | |
|------------------------------|------|--------|-----------------------|------------|--------|--------|-------|----------------------------|------------------|----------------|-------------------------|------------|-----|---|----------|-----------------|----------|-------------|--------------------------------------|-----|-----|--|
| MARK | MFR | MODEL | NOM TONS | SUPPLY CFM | EXT SP | OA CFM | RA | COOLING KBH NET | COOLING SENS KBH | GAS IN KBTU/HR | HEAT OUT KBTU/HR | UNIT VOLTS | PH | UNIT MCA | UNIT MOC | SEER IEER | WGHT LBS | ZONE SERVED | REMARKS | | | |
| RTU-1 | AAON | RN-008 | 8 | 2530 | 2.2 | 530 | 2,000 | 85.19 | 60.01 | 90 | 72.9 | 208 | 3 | 49 | 70 | 16.5 | 1524 | DINING | SEE NOTES 5,7,8,10,11,12,14,15 | | | |
| RTU-2 | AAON | RN-010 | 10 | 2700 | 2.2 | 715 | 1,985 | 106.68 | 71.73 | 150 | 120 | 208 | 3 | 56 | 80 | 15.2 | 1699 | PRIVATE | SEE NOTES 1,2,5,9,8,9,12,13,14,16 | | | |
| RTU-3 | AAON | RN-007 | 7 | 2090 | 2.2 | 583 | 1,507 | 77.65 | 55.35 | 90 | 73 | 208 | 3 | 36 | 50 | 19.1 | 1543 | BAR | SEE NOTES 5,7,8,10,11,12,14,15 | | | |
| RTU-4 | AAON | RN020 | 20 | 5760 | 2.2 | 1990 | 3,770 | 222.73 | 164.96 | 270 | 219 | 208 | 3 | 105 | 125 | 17.5 | 3153 | KITCHEN | SEE NOTES 5,7,8,10,11,12,14,15 | | | |
| AIR BALANCE | | | SUB TOTAL | 13080 | | 3818 | 9262 | KITCHEN IS NET NEGATIVE BY | | | | -1060 | CFM | THERE IS OPEN PASSAGE WAY FROM BAR AND DINING AREAS SERVED BY RTU-1, RTU-2, AND RTU-3 TO KITCHEN FOR HOOD MAKEUP AIR. KITCHEN IS SERVED BY RTU-4. | | | | | | | | |
| | | | OA FROM FAN SCHEDULE | | | | | | | 9000 | | | | | | | | | | | | |
| | | | EXH FROM FAN SCHEDULE | | | | | | | -12470 | | | | | | | | | | | | |
| | | | BLDG NET | | | | | | | 348 | BLDG IS NET POSITIVE BY | | | | | | | | | 348 | CFM | |

- RTU NOTES:**
- PROVIDE 2 SETS PLEATED MERV 13 FILTERS, 2 SET INSTALLED, THE OTHER DELIVERED IN THEIR CARTONS TO THE OWNER.
 - PROVIDE RTU MFR'S APPROVED 14" ROOF CURBS.
 - PROVIDE ECONOMIZER.
 - PROVIDE SINGLE POINT POWER CONNECTION.
 - ROUTE ALL PLUMBING AND ELEC CONNECTIONS WITHIN CONFINES OF ROOF CURB.
 - PROVIDE LOW AMBIENT KIT.
 - PROVIDE AUTOMATIC CHANGEOVER, 7-DAY PROGRAMMABLE NIGHT SETBACK THERMOSTATS. PROVIDE REMOTE SENSORS IN THE OCCUPIED SPACE WITH GROUPED CONTROL AT LOCATION INDICATED.
 - UNIT WEIGHT EXCLUDES CURB WEIGHT.
 - PROVIDE 120V GFI RECEPTACLE WITH UNIT, CIRCUITED SEPARATELY FROM RTU POWER, WEATHER PROOF COVER, WIRED, READY FOR USE.
 - PROVIDE SMOKE DETECTION CONTROL SYSTEM PER CURRENT IMC SECTION 906.
 - PROVIDE MANUFACTURER'S STANDARD HAIL GUARDS FOR CONDENSER COILS.
 - PROVIDE UNIT WITH CO2 INDOOR AIR QUALITY SENSOR AND CONTROLS. MINIMUM O.A. SETTING @ 25% SCHEDULED VENTILATION.
 - ENERGIZE RTU-4 WHENEVER EF-1, 2, 3, OR 4 HOOD EXHAUST IS ENERGIZED.
 - PROVIDE WITH INTEGRATED PART LOAD PERFORMANCE OF 14.7.

| GRILLE, REGISTER, DIFFUSER SCHEDULE | | | | | | | | | |
|-------------------------------------|-----------------|-----------------|-----------------|----------------------|-------------------|-----------------|-----------------|--|--|
| MARK | A | B | C | D | E | F | R | | |
| SERVICE TYPE | SUPPLY DIFFUSER | SUPPLY DIFFUSER | SUPPLY DIFFUSER | SUPPLY SLOT REGISTER | SUPPLY DOOR GRILL | INTAKE REGISTER | INTAKE REGISTER | | |
| DEFLECTION | 4-WAY | 4-WAY | 4-WAY | 2-WAY | DBL DEFL | 70 DEGREE | 35 DEGREE | | |
| PANEL SIZE | 24 X 24 | 12 X 12 | 4-WAY ROUND | AS | N/A | N/A | 24 X 24 | | |
| MOUNT | LAY-IN, DUCT | LAY-IN OR DUCT | DUCT MTD. | LAY-IN OR DUCT | DUCT | FLANGE | LAY-IN OR DUCT | | |
| MANUFACTURER | FLANGE | FLANGE | TITUS | FLANGE | FLANGE | BOTH SIDES | FLANGE | | |
| MODEL | TMS-AA | TMS-AA | TMRA-AA | FL-10 | 350FS | CT-700S | 350FL | | |
| DAMPER | NO | NO | YES | YES | YES | NO | NO | | |
| MATERIAL | ALUMINUM | ALUMINUM | ALUMINUM | ALUMINUM | ALUMINUM | ALUMINUM | ALUMINUM | | |
| REFERENCE NOTES | 1,2,3 | 1,2,3 | 1,2,3 | 1,2,3,6 | 1,4,5 | 1 | 1,5 | | |

REFERENCE NOTES:

- INSTALL APPROPRIATE MOUNT FOR INSTALLED SUBSTRATE. SCREW ONLY THRU MFR'S COUNTERSUNK HOLES IN DEVICE.
- DAMPER IN SUPPLY DUCT.
- RUNOUT SAME SIZE AS DIFFUSER NECK SIZE.
- DAMPER BEHIND FACE OF DEVICE OR AS NOTED.
- BOOT SAME SIZE AS REGISTER/GRILL.
- TITUS ENGINEERED INSULATED BOOT PLENUM, SIZED TO LENGTH & WIDTH OF SLOT.



- GENERAL HVAC NOTES**
- EMPLOY COMPETENT INSTALLERS WITH FAMILIARITY AND EXPERIENCE INSTALLING SIMILAR PRODUCTS AND SYSTEMS, INCLUDING BOTH PLANNING AND EXECUTING THE WORK.
 - EXECUTE WORK IN COMPLIANCE WITH IMC 2021, IECC 2021, AND OTHER LOCAL CODES, AS AMENDED BY LOCAL CODES.
 - WHEREVER THE WORD "CODE" IS USED, IT MEANS THE IECC, IMC, IFGC, ALL AS AMENDED BY LOCAL AUTHORITY.
 - FOLLOW MANUFACTURER'S REQUIREMENTS, RECOMMENDATIONS, AND INSTRUCTIONS FOR THE INSTALLATION OF THEIR PRODUCTS.
 - COORDINATE WITH OTHER INSTALLERS TO AVOID SPATIAL CONFLICT.
 - MAINTAIN A SEPARATE PAPER COPY OF DRAWINGS AND MARK AS RECORD DRAWINGS OF THE WORK AS INSTALLED. DELIVER RECORD DRAWINGS TO OWNER AT COMPLETION OF PROJECT.
 - DUCT DIMENSIONS ARE INSIDE CLEAR.
 - PROVIDE ACOUSTICAL DUCT LINER IN FIRST 20 FEET OF BOTH SUPPLY AND RETURN DUCTWORK, BOTH ROUND AND RECTANGULAR.
 - WHERE DUCT IS IN NON-CONDITIONED SPACE, ADD INSULATION TO OUTSIDE OF LINED DUCT TO ACHIEVE R-8.
 - PROVIDE INSULATION WITH "R" VALUE MEETING IECC AND IMC STANDARDS.
 - ADD EXTERNAL INSULATION TO LINED DUCT TO ACHIEVE TOTAL "R" REQUIREMENT.
 - PROVIDE EXTERNALLY OR INTERNALLY INSULATED FLEXIBLE DUCTWORK MEETING IECC AND IMC STANDARDS.
 - ADHERE FOAMED RUBBER INSULATION TO THE ATTIC SIDE OF DIFFUSERS MINIMUM OF R-6 OR OF A THICKNESS TO PREVENT CONDENSATION.
 - FABRICATE AND INSTALL DUCTWORK IN ACCORDANCE WITH ASHRAE AND SMACNA STANDARDS.
 - COORDINATE DUCT ROUTE WITH JOIST, CEILING T-BAR, AND LIGHT FIXTURE LOCATIONS AND OTHER IN AND ABOVE CEILING OBSTRUCTIONS. ADJUST DUCT ROUTE AS REQUIRED. ADJUST DUCT SIZE USING EQUIVALENT PRESSURE DROP FOR RE-SIZING.
 - COORDINATE LOCATIONS OF ROOF TOP EQUIPMENT AND PENETRATIONS WITH ARCHITECTURAL, STRUCTURAL, PLUMBING, AND ELECTRICAL DRAWINGS.
 - INSULATE BOTH SUPPLY AND RETURN DUCTS WITH R6 INSULATION. PROVIDE VAPOR BARRIER FOR SUPPLY DUCTS.
 - PROVIDE VIBRATION ISOLATION AND CONTROL FOR MECHANICAL EQUIPMENT AND VIBRATING PIPING, INCLUDING SPRING HANGERS AND SUPPORTS AND WAFFLE PAD SUPPORTS.
 - PROVIDE TEST AND BALANCE ACCORDING TO AABC OR NEBB STANDARDS, USING AABC OR NEBB TRAINED PERSONNEL FOR TAB WORK. USE AABC OR NEBB PROCEDURES AND REPORT FORMS.
 - ASSEMBLE MANUFACTURER'S WARRANTIES, INSTRUCTIONS, AND OTHER DATA, AND PRESENT IN PDF FORMAT ON A USB THUMB DRIVE.
 - DEFINITION OF "PROVIDE": TO PROCURE, ASSEMBLE, SET IN PLACE, SUPPORT, CONNECT, AND OTHERWISE LEAVE COMPLETED, OPERATING UNITS, SYSTEMS, PARTS, OR DEVICES IN A FUNCTIONING CONDITION, HAVING FOLLOWED MANUFACTURER'S INSTRUCTIONS, REQUIREMENT, AND RECOMMENDATIONS.
 - CONDENSATE DRAINS: PROVIDE ARMSTRONG ARMAFLEX PIPIN INSULATION, VAPOR SEALED, MINIMUM 3/6" THICK WALLS.
 - ALL DUCT SYSTEMS ARE LOW PRESSURE DUCT SYSTEMS. SEAL AGAINST AIR LEAKAGE AS REQUIRED BY CODE.

EXPOSED DUCT NOTES

DUCT THAT IS EXPOSED AND WITHIN VIEW OF ROOM OCCUPANTS: PROVIDE SPIRAL ROUND METAL DUCT, LINED, FOR ALL ROUND DUCT DESIGNATED (#). MAINTAIN SURFACE OF EXPOSED SPIRAL METAL DUCT IN UNBLEMISHED CONDITION. REPLACE ANY DAMAGED OR BLEMISHED SPIRAL METAL DUCT.

PAINT EXPOSED SPIRAL METAL DUCT AS DIRECTED BY ARCHITECT.

MINIMUM OUTSIDE AIR CALCULATION BASED ON IMC 2021 SECTION 403.3.1.1:

$$Vbz = RpPz + RaAz$$

WHERE:

Az = ZONE FLOOR AREA

Pz = ZONE POPULATION

Rp = PEOPLE OUTDOOR RATE FROM TABLE IMC 403.3 (7.5 CFM/PERSON)

Ra = AREA OUTDOOR RATE FROM TABLE IMC 403.3 (0.18)

SUBMITTAL

SUBMIT 4 COPIES OF DATA FOR REVIEW AND COMMENT BY OWNER PRIOR TO ORDERING. INCLUDE MANUFACTURER'S STANDARD SUBMITTAL DATA WITH MANUFACTURER'S NAME AND MODEL NUMBERS AND ALL OPTIONS CLEARLY MARKED.

PROVIDE SUBMITTAL DATA FOR:

- ROOF TOP UNITS, INCLUDE UNIT CAPACITY INFORMATION FOR CONDITIONS SCHEDULED, UNIT DIMENSIONS AND WEIGHT, UNIT CURB WITH DIMENSINS AND WEIGHT.
- GRILLS REGISTERS AND DIFFUSERS
- EXHAUST AND SUPPLY FANS (FURNISHED BY KITCHEN EQUIPMENT SUPPLIER) INCLUDE FAN CFM AT SCHEDULED CONDITIONS, ELECTRICAL DATA AND MOTOR SIZE.

| FAN SCHEDULE | | | | | | | | | | | | | 4/17/2023 14:26 | |
|--------------|-------------------|------------|---------------|-------|---------------|------|----------|-------------|-------|----------|------------|---|-----------------|--|
| MARK | AREA SERVED | MFR | MODEL | CFM | EXTERNAL S.P. | TYPE | MOTOR HP | MOTOR VOLTS | PHASE | OPER. WT | REF NOTES | REMARKS | | |
| EF-1 | KITCHEN HOOD 1 | HOODMASTER | 28B | -2375 | 0.5 | CENT | | | | | 1,2,3 | INTERLOCK WITH RTU-4 AND SF-1 | | |
| EF-2 | KITCHEN HOOD 1 | HOODMASTER | 28D | -2375 | 0.5 | CENT | | | | | 1, 2, 3 | INTERLOCK WITH RTU-4 AND SF-1 | | |
| EF-3 | KITCHEN HOOD 2 | HOODMASTER | 36B | -3250 | 0.5 | CENT | 1 | 208 | 1 | | 1, 2, 3 | INTERLOCK WITH RTU-4 AND SF-2 | | |
| EF-4 | KITCHEN HOOD 2 | HOODMASTER | 36B | -3250 | 0.5 | CENT | 1 | 208 | 1 | | 1, 2, 3 | INTERLOCK WITH RTU-4 AND SF-2 | | |
| EF-5 | DISHWASH HOOD 3 | HOODMASTER | 20D-DB | -800 | 0.5 | CENT | 1/4 | 120 | 1 | | 1, 2, 3, 4 | PROVIDE WITH EPOXY COATING. INTERLOCK WITH DISHWASHING MACHINE. | | |
| EF-6 | TOILETS | GREENHECK | G-090-VG | -420 | 0.35 | CENT | 1/10 | 120 | 1 | 41 | 2, 3, 4 | INTERLOCK WITH RTU-3 | | |
| EF-7 | WATER HEATERS | GREENHECK | G-070-VG | -200 | 0.25 | CENT | 1/15 | 120 | 1 | 36 | 2, 3, 4, 6 | | | |
| SF-1 | KIT HOOD 1 MAKEUP | HOODMASTER | SF10 | 3800 | 0.25 | CENT | 1-1/2 | 208 | 1 | | 1, 2, 3, 4 | INTERLOCK WITH RTU-4, EF-1 AND EF-2 | | |
| SF-2 | KIT HOOD 2 MAKEUP | HOODMASTER | SF11 | 5200 | 0.25 | CENT | 3 | 208 | 1 | | 1, 2, 3, 4 | INTERLOCK WITH RTU-4, EF-3, AND EF-4 | | |
| FF-1 | AIR CURTAIN FAN | MARS | STD248-1UA-OB | -- | -- | CENT | 1/2 | 120 | 1 | 55 | 2, 5 | 48" WIDE x 7' OPENING, WITH UV LAMPS, NO HEAT | | |

- REFERENCE NOTES:**
- SEE 1/M1.2 FOR DETAILS.
 - PROVIDE WITH NEC DISCONNECT.
 - PROVIDE WITH MFR. APPROVED ROOF CURB.
- REFERENCE NOTES: CONTINUED**
- PROVIDE WITH BIRD ACREEN AND BACKDRAFT DAMPER.
 - PROVIDE WITH AUTOMATIC DOOR PLUNGER SWITCH.
- REFERENCE NOTES: CONTINUED**
- PROVIDE WITH THERMOSTAT CONTROL, ON ABOVE 85° OFF BELOW 75°, ON-OFF-AUTO SWITCH
- GENERAL NOTES:**
- INTEGRAL BACKDRAFT DAMPER
 - ALL ALUMINUM CONSTRUCTION.
 - INSTALL UNIT ON MANUFACTURERS ROOF CURB.
 - SWITCH EXHAUST FAN WITH RESPECTIVE ROOM LIGHT.
 - FURNISH BIRD SCREEN
 - FURNISH WITH VENTED CURB EXTENSION & GREASE TRAP
 - FURNISH WITH HINGING KIT
 - PROVIDE LOCAL SWITCH.
 - PROVIDE INTAKE EXTENSION ON ROOF.
 -
 - PROVIDE INTERLOCK AND SINGLE POINT CONTROL LOCAL SWITCH HOOD EXHAUST AND MAKE-UP FANS.
 - ALL DUCTWORK PROVIDED BY MECHANICAL CONTRACTOR.
 - PROVIDE VARIABLE SPEED FOR ADJUSTABLE FAN THROW.
 - FURNISH WITH MANUFACTURER'S STANDARD CURB.

MLA
MICHAEL LEGG ARCHITECTURE
Michael Gregory Legg
NCARB, AIA, RIBA, SACAP
2618 High Timber Pass
San Antonio, Texas 78290
ph: 214-448-4853
mlegg@mlaarchitect.com

DRAWING COORDINATION
Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY G.G. MALONEY, P.E. 23319 ON MAR 17, 2023. ALTERATION OF SEALED DOCUMENTS WITHOUT PROPER NOTIFICATION OF THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

17 March 2023

MALONEY ASSOCIATES
CONSULTING ENGINEERS, INC.
F-1400
1208 TRAILWOOD DR
HURST, TEXAS 76038
(817) 288-0384

MALONEY-ENG.COM

Mechanical Details and Schedules

Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

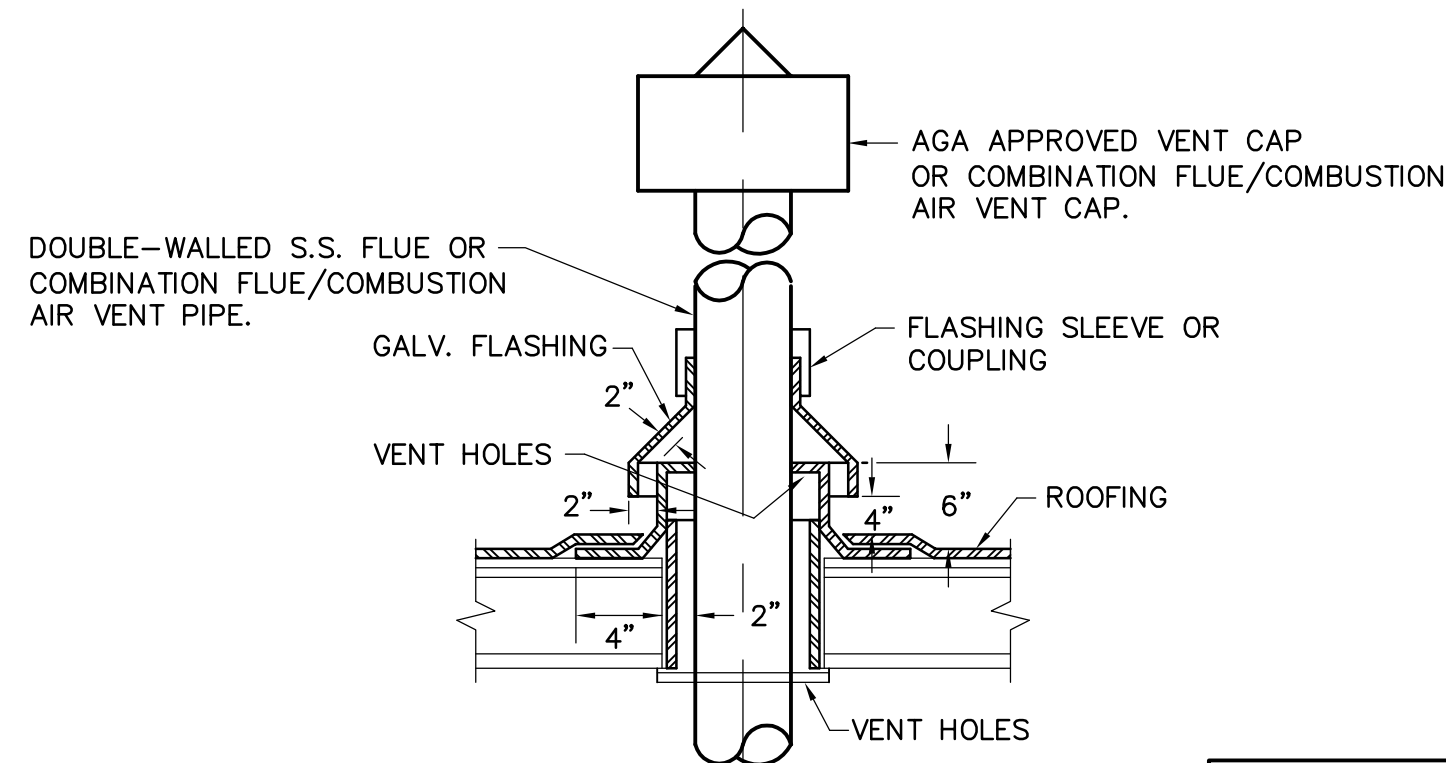
DATE: 4/17/23

DESCRIPTION: MEP CHANGES

SCALE: AS NOTED

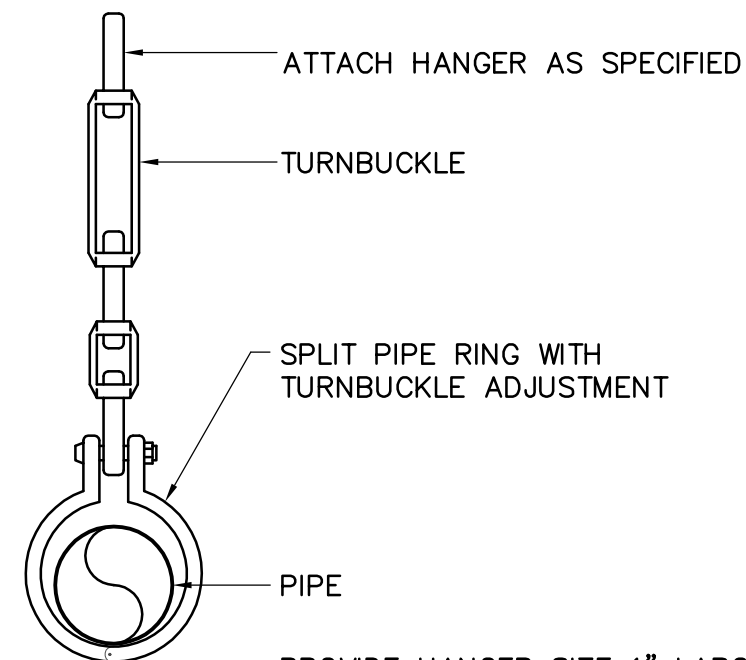
PROJECT NO. 05-05-22

SHEET NO. M2.1

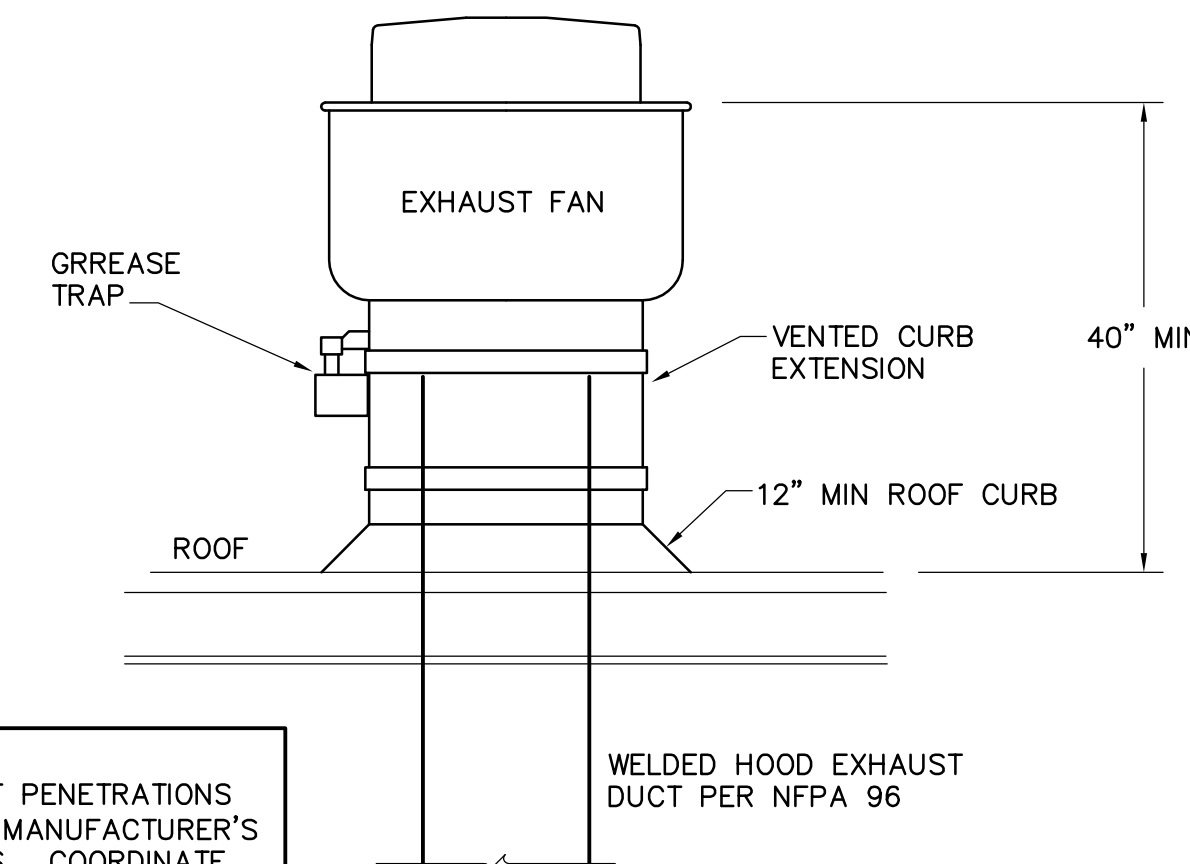


NOTE:
PROVIDE ROOF PENETRATIONS
PER ROOFING MANUFACTURER'S
REQUIREMENTS. COORDINATE
REQUIREMENTS WITH ROOFER.

7 FLUE THRU ROOF
DETAIL
NO SCALE

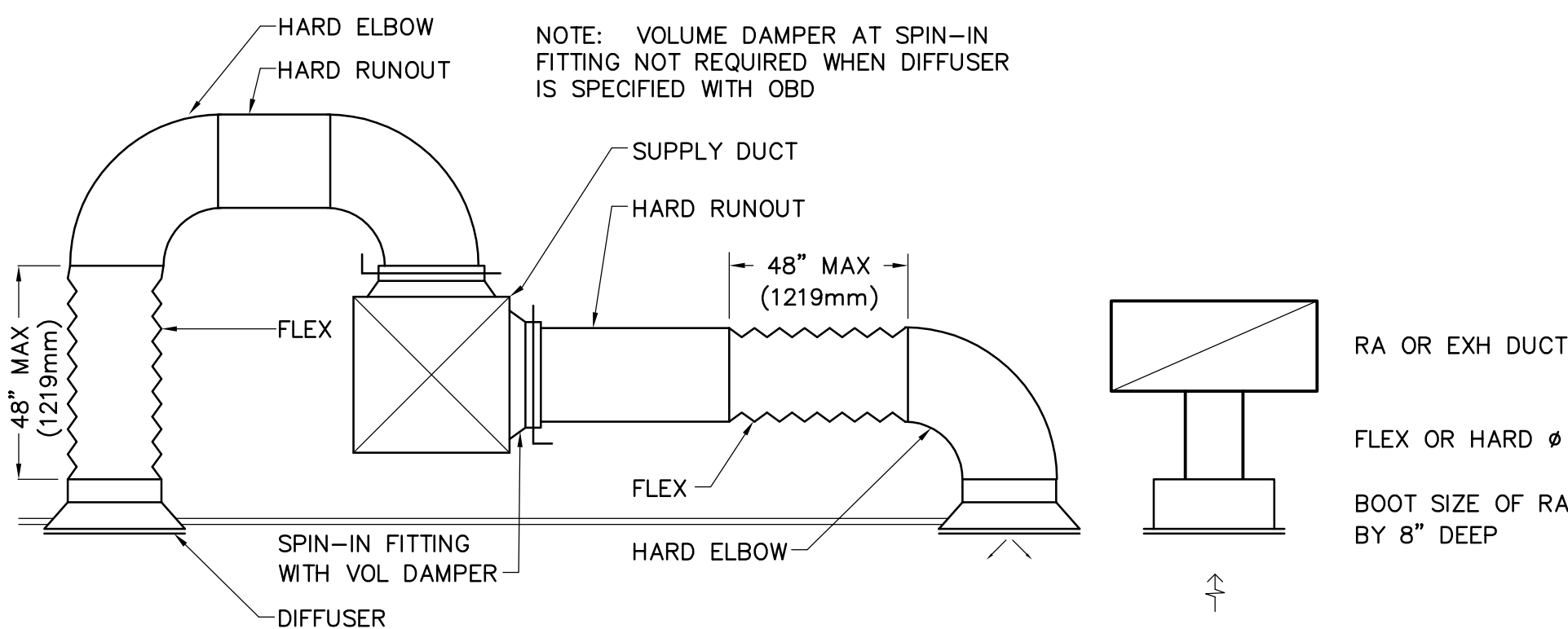


8 PIPE HANGER
DETAIL
NO SCALE



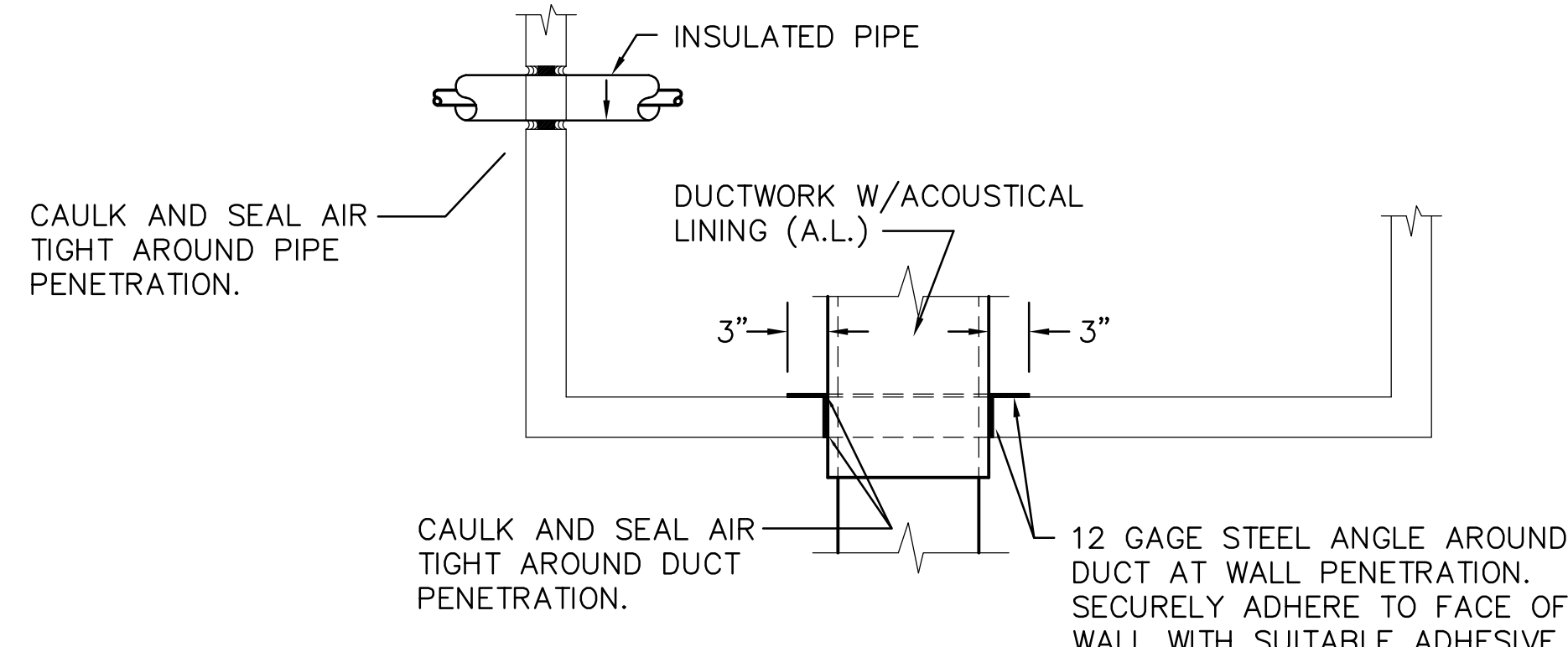
NOTE:
PROVIDE ROOF PENETRATIONS
PER ROOFING MANUFACTURER'S
REQUIREMENTS. COORDINATE
REQUIREMENTS WITH ROOFER.

9 GREASE EXHAUST FAN
DETAIL
SCALE: NTS



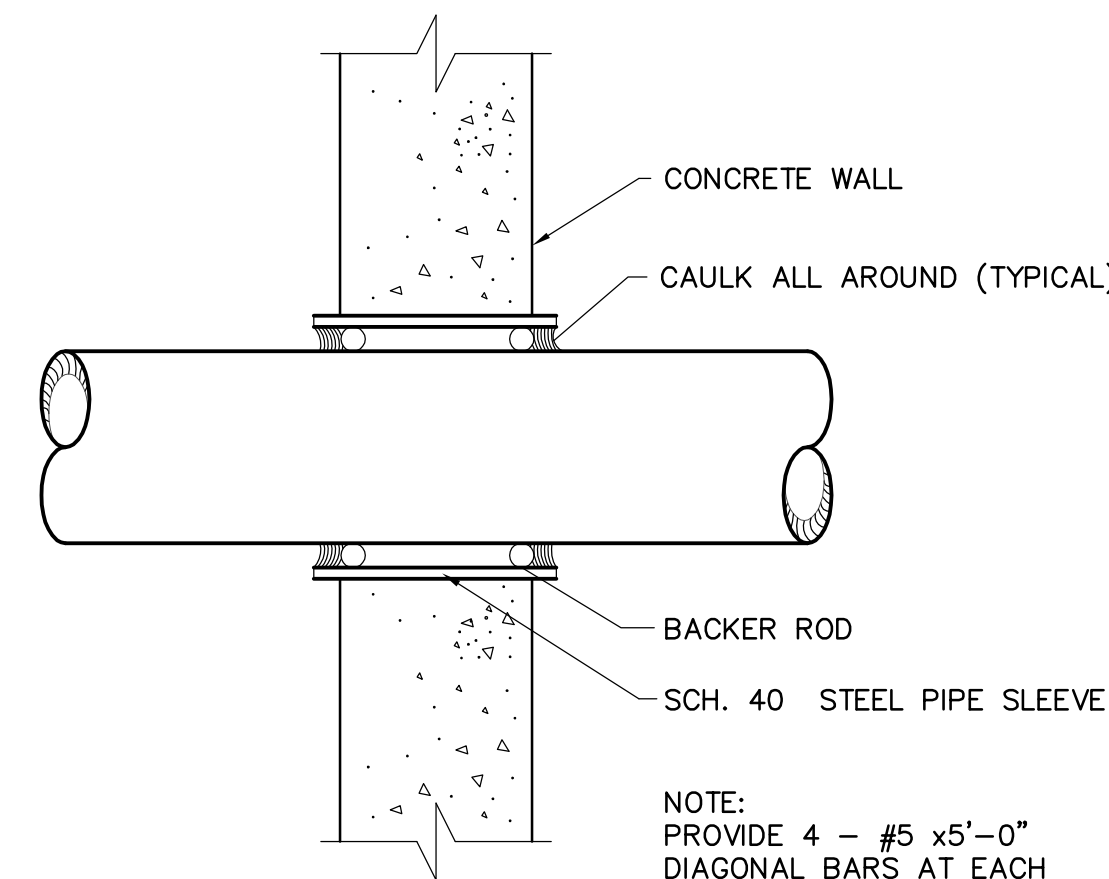
NOTE: VOLUME DAMPER AT SPIN-IN
FITTING NOT REQUIRED WHEN DIFFUSER
IS SPECIFIED WITH OBD

4 SUPPLY, RA, EXH DUCT TAPS
DETAIL
NO SCALE



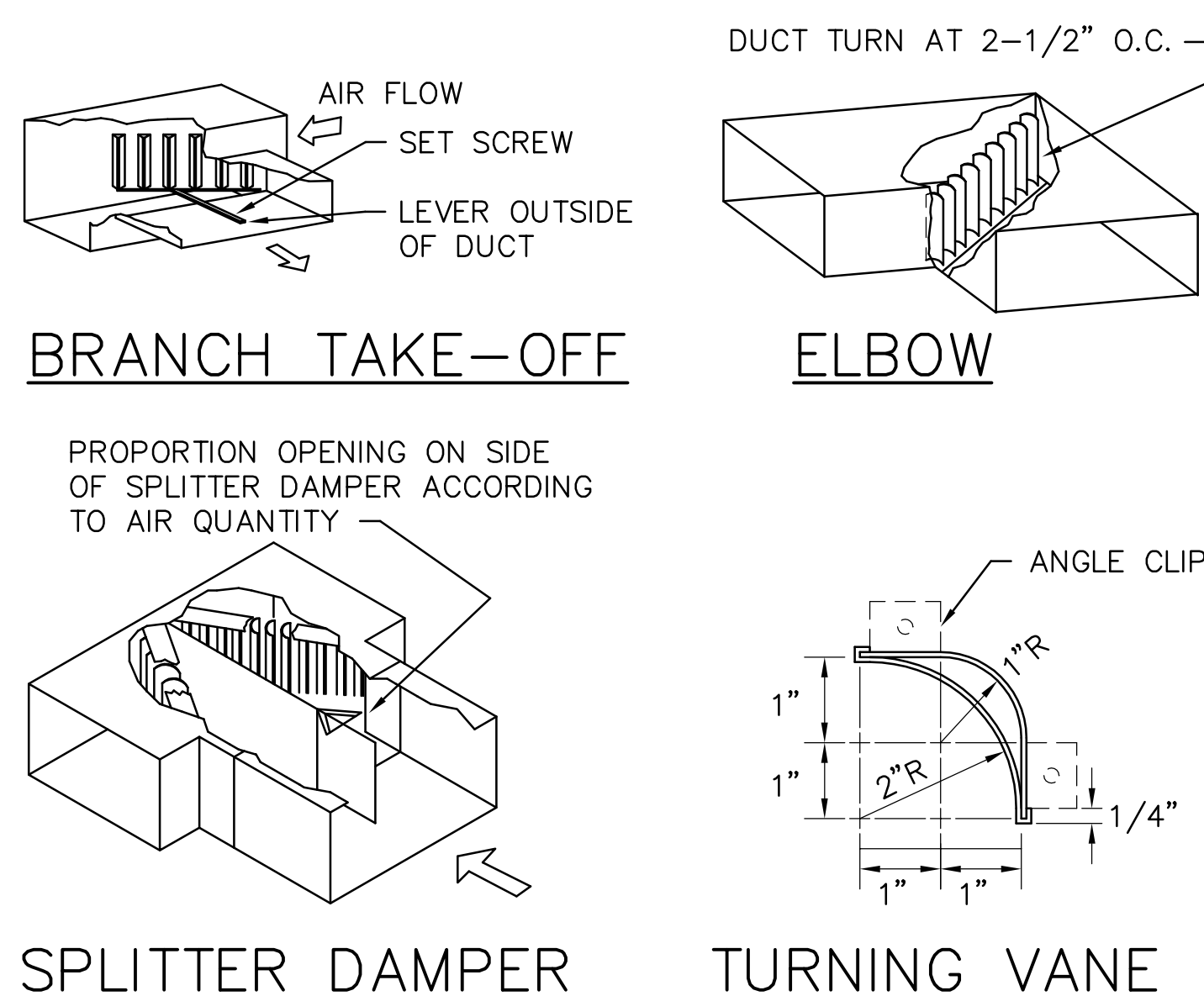
12 GAGE STEEL ANGLE AROUND
DUCT AT WALL PENETRATION.
SECURELY ADHERE TO FACE OF
WALL WITH SUITABLE ADHESIVE.

5 MECH. RM. WALL PENETRATION
DETAIL
NO SCALE

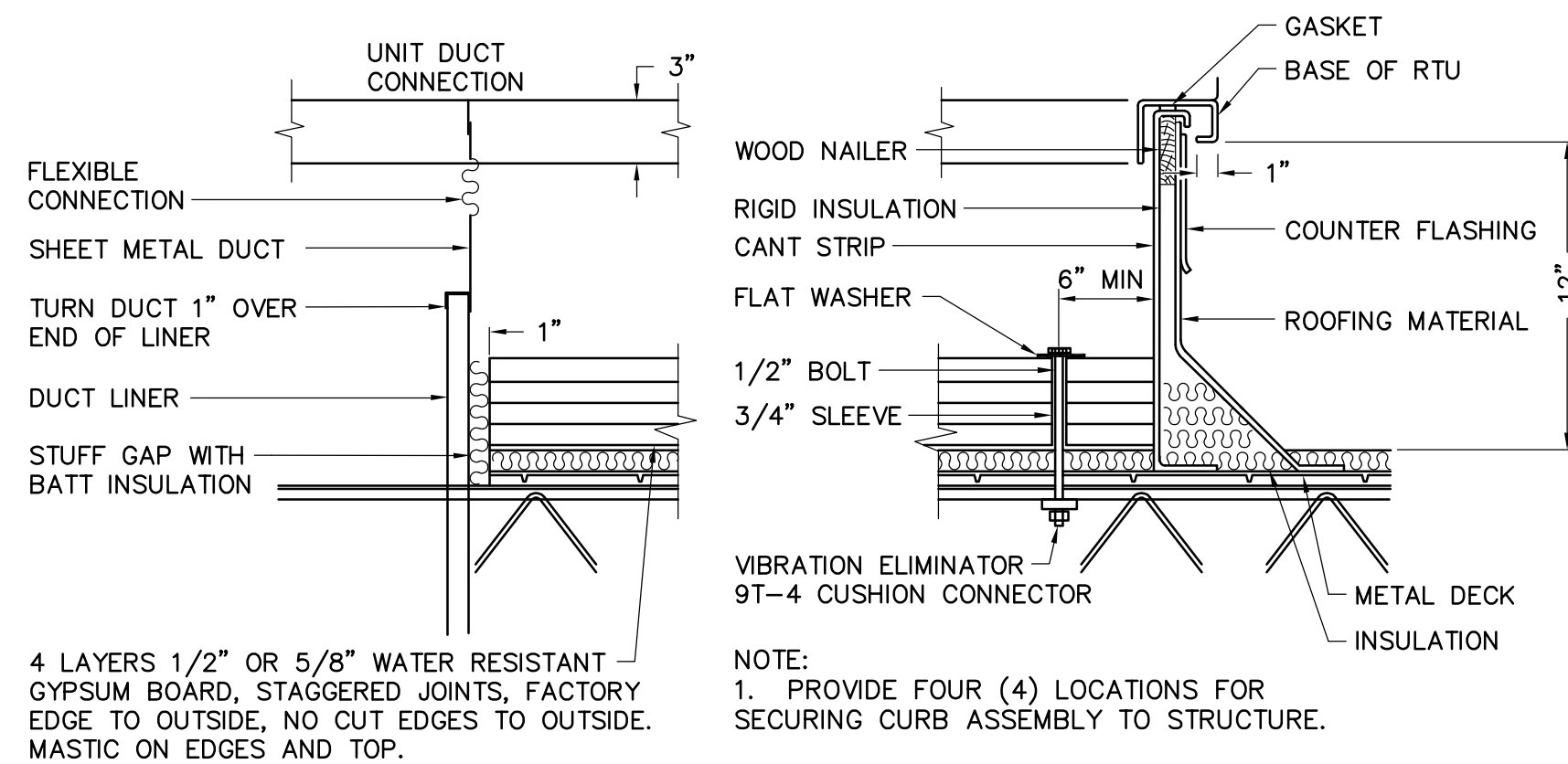


NOTE:
PROVIDE 4 - #5 x5'-0"
DIAGONAL BARS AT EACH
FACE AROUND SLEEVE

6 PIPE SLEEVE THRU WALL
DETAIL
NO SCALE



1 TYPICAL DUCT CONSTRUCTION
DETAIL
NO SCALE

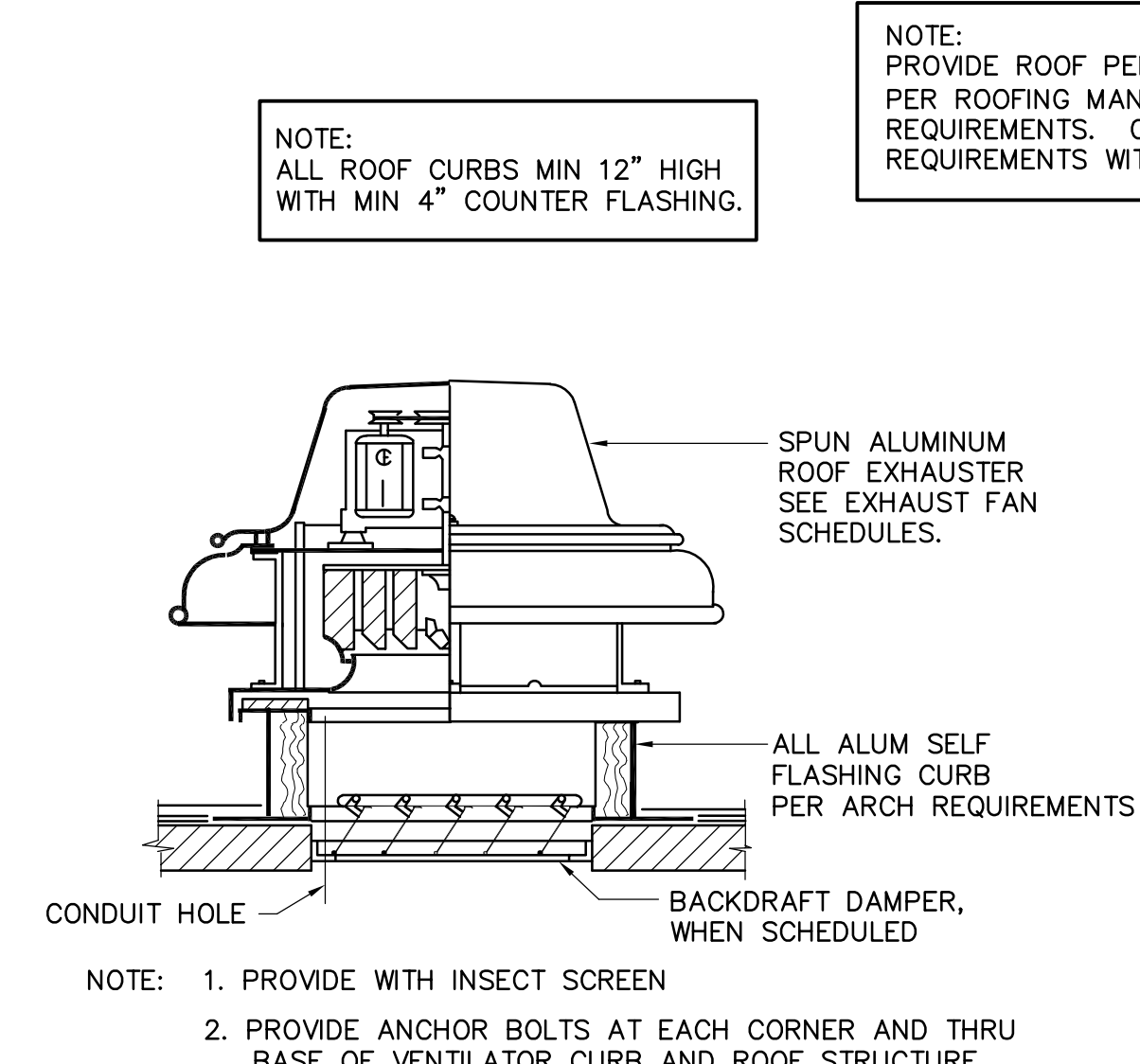


4 LAYERS 1/2" OR 5/8" WATER RESISTANT
GYPSUM BOARD, STAGGERED JOINTS, FACTORY
EDGE TO OUTSIDE, NO CUT EDGES TO OUTSIDE.
MASTIC ON EDGES AND TOP.

NOTE:
1. PROVIDE FOUR (4) LOCATIONS FOR
SECURING CURB ASSEMBLY TO STRUCTURE.
2. DO NOT ALLOW SHEET METAL DUCT
TO CONTACT STRUCTURE.
3. REFER TO SECTION 07700 FOR ROOF CURB

NOTE:
PROVIDE ROOF PENETRATIONS
PER ROOFING MANUFACTURER'S
REQUIREMENTS. COORDINATE
REQUIREMENTS WITH ROOFER.

2 ROOF TOP UNIT (RTU) SUPPORT
DETAIL
NO SCALE



NOTE:
ALL ROOF CURBS MIN 12" HIGH
WITH MIN 4" COUNTER FLASHING.

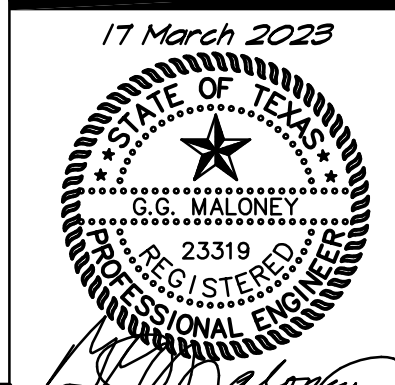
NOTE:
PROVIDE ROOF PENETRATIONS
PER ROOFING MANUFACTURER'S
REQUIREMENTS. COORDINATE
REQUIREMENTS WITH ROOFER.

NOTE: 1. PROVIDE WITH INSECT SCREEN
2. PROVIDE ANCHOR BOLTS AT EACH CORNER AND THRU
BASE OF VENTILATOR CURB AND ROOF STRUCTURE.

3 EXHAUST FAN
DETAIL
NO SCALE

DRAWING COORDINATION
Architectural, Landscape, Civil,
Structural, Mechanical and
Electrical drawings are interrelated.
General Contractor and all Sub
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MECHANICAL DETAILS
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

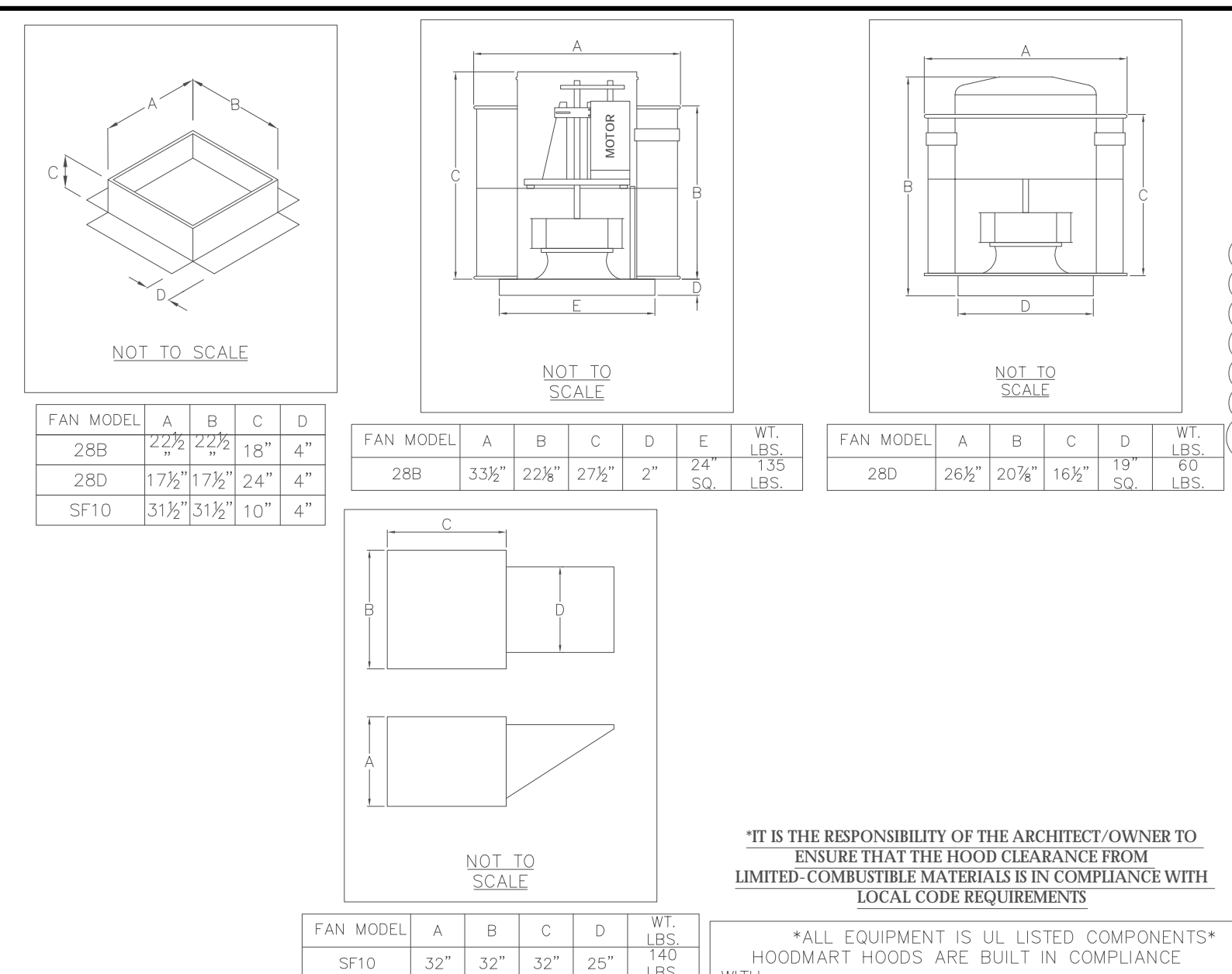
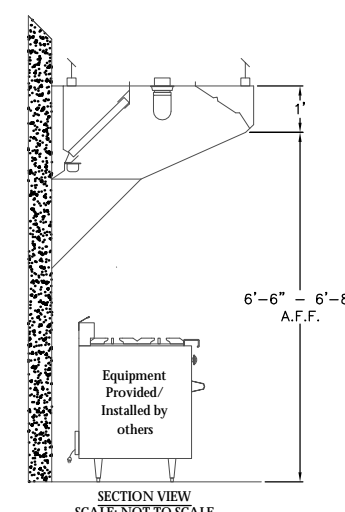
| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |

SCALE:
AS NOTED

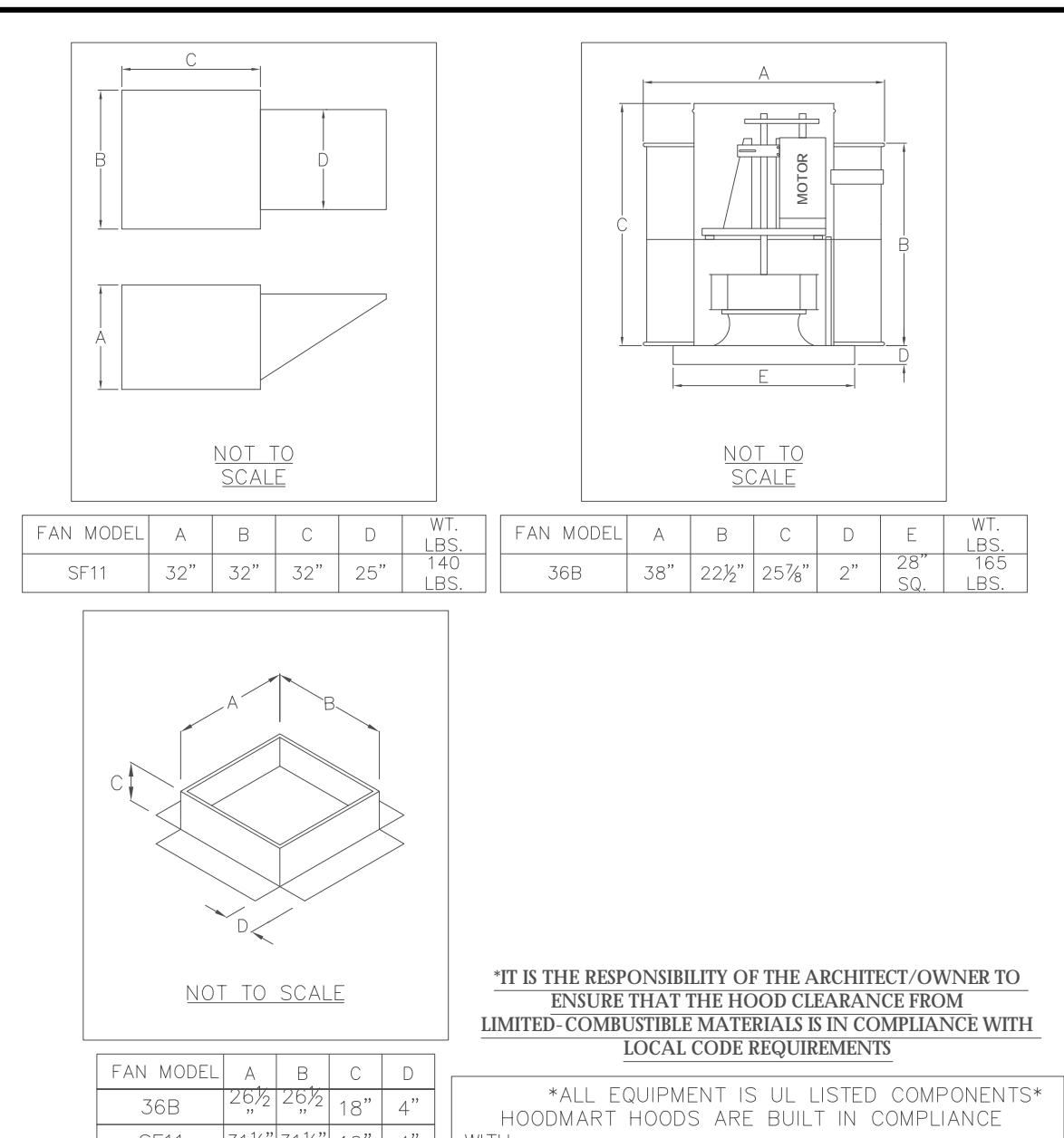
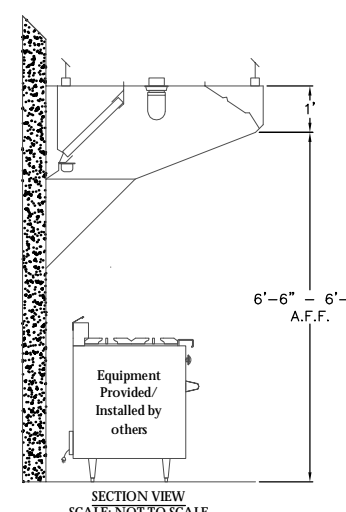
PROJECT NO.
05-05-22

SHEET NO.
M3.1

NOTE:
PROVIDE ANSUL HOOD FIRE EXTINGUISHING SYSTEM AT EACH GREASE HOOD. INTERLOCK WITH FAN CONTROLS, GAS SUPPLY VALVE, AND EQUIPMENT ELECTRICAL SHUNT TRIP CONTROLS.



NOTE:
PROVIDE ANSUL HOOD FIRE EXTINGUISHING SYSTEM AT EACH GREASE HOOD. INTERLOCK WITH FAN CONTROLS, GAS SUPPLY VALVE, AND EQUIPMENT ELECTRICAL SHUNT TRIP CONTROLS.



IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS

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ALL EQUIPMENT IS UL LISTED COMPONENTS HOODMART HOODS ARE BUILT IN COMPLIANCE WITH:
NFPA #96 & UL710
AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:
- NSF INTERNATIONAL -UL
-OPENINGS ARE RECOMMENDED SIZES, DUCT OPENINGS TO BE CUT AND DOWNS INSTALLED IN FAN

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NFPA #96 & UL710
AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:
- NSF INTERNATIONAL -UL
-OPENINGS ARE RECOMMENDED SIZES, DUCT OPENINGS TO BE CUT AND DOWNS INSTALLED IN FAN

| HOOD NO. | MODEL | LENGTH | MAX. COOKING TEMP. DEG. | TOTAL EXH. CFM | EXHAUST PLENUM(S) | | | | TOTAL SUP. CFM | SUPPLY PLENUM(S) | | | | HOOD CONSTRUCTION | |
|----------|-------|---------------------|-------------------------|----------------|-------------------|------|------|------|----------------|------------------|-------|------|------|-------------------|------------------------------|
| | | | | | DIA. | QTY. | CFM. | S.P. | | WIDTH | LENG. | QTY. | CFM. | | S.P. |
| 1 | LBMUA | 225" NOM 225" OD | 700 | 4750 | 16" | 2 | 2375 | 0.50 | 3800 | 14" | 20" | 2 | 1900 | 0.25 | STAINLESS ALUMINIZED UTILITY |

| HOOD NO. | TYPE | QTY. | HEIGHT | LENGTH | TYPE | QTY. | WIRE GUARD | FIRE SYSTEM | SIZE | GABINET ELECTRICAL MODEL # | QUANTITY | SWITCHES | LOCATION | EST. HOOD WEIGHT |
|----------|------------------------|------|--------|--------|--------------------|------|------------|-------------|------|----------------------------|----------|----------|----------|------------------|
| | | | | | | | | | | | | | | |
| 1 | S.S. BAFFLE W/ HANDLES | 5 | 20" | 16" | INCANDESCENT LIGHT | 6 | - | KIDDE | 19" | - | - | - | - | 750 |

| FAN UNIT NO. | FAN UNIT MODEL # | MODEL | TAG | CFM | S.P. | RPM | H.P. | Ø | VOLT | FLA | BLOWER | HOUSING | TAG | CFM | S.P. | RPM | H.P. | Ø | VOLT | FLA |
|--------------|------------------|-------|------|------|------|------|-------|---|---------|----------|--------|---------|-----|-----|------|-----|------|---|------|-----|
| | | | | | | | | | | | | | | | | | | | | |
| 1 | 28B | 28B | EF-1 | 2375 | 0.50 | 1785 | 3/4 | 1 | 115/230 | 11.0/5.5 | - | - | - | - | - | - | - | - | - | - |
| 2 | 28D | 28D | EF-2 | 2375 | 0.50 | 1625 | 1/2 | 1 | 115 | 5.6 | - | - | - | - | - | - | - | - | - | - |
| 3 | SF10 | SF10 | SF-1 | 3800 | 0.25 | 593 | 1-1/2 | 1 | 115/230 | - | - | - | - | - | - | - | - | - | - | - |

HOODMART
VOLUNTEER STOP HOOD SHOP
172 READER COURT EL PASO, TEXAS 79901
TEL: 1-800-775-1014 FAX: 1-800-775-1014

EQUIPMENT SCHEDULE
18" x 52" LBMUA
CONTRACT NO: 145153 ITEM NO. -
JOB: THE LION & ROSE RESTAURANT LOC: SAN ANTONIO, TX CUST: SUNNY GARDEN CUST# -

REV. DATE BY REVISIONS
1 03/02/2023 [initials] AS NOTED DWG# 145153 SHIT 1 OF 5

| HOOD NO. | MODEL | LENGTH | MAX. COOKING TEMP. DEG. | TOTAL EXH. CFM | EXHAUST PLENUM(S) | | | | TOTAL SUP. CFM | SUPPLY PLENUM(S) | | | | HOOD CONSTRUCTION | |
|----------|-------|---------------------|-------------------------|----------------|-------------------|------|------|------|----------------|------------------|-------|------|------|-------------------|------------------------------|
| | | | | | DIA. | QTY. | CFM. | S.P. | | WIDTH | LENG. | QTY. | CFM. | | S.P. |
| 2 | LBMUA | 309" NOM 309" OD | 700 | 6500 | 14" | 4 | 1625 | 0.50 | 5200 | 14" | 14" | 4 | 1300 | 0.25 | STAINLESS ALUMINIZED UTILITY |

| HOOD NO. | TYPE | QTY. | HEIGHT | LENGTH | TYPE | QTY. | WIRE GUARD | FIRE SYSTEM | SIZE | GABINET ELECTRICAL MODEL # | QUANTITY | SWITCHES | LOCATION | EST. HOOD WEIGHT |
|----------|------------------------|------|--------|--------|--|------|------------|-------------|------|----------------------------|----------|----------|----------|------------------|
| | | | | | | | | | | | | | | |
| 2 | S.S. BAFFLE W/ HANDLES | 8 | 20" | 16" | INCANDESCENT LIGHT <td>8</td> <td>-</td> <td>KIDDE</td> <td>20"</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>1170</td> | 8 | - | KIDDE | 20" | - | - | - | - | 1170 |

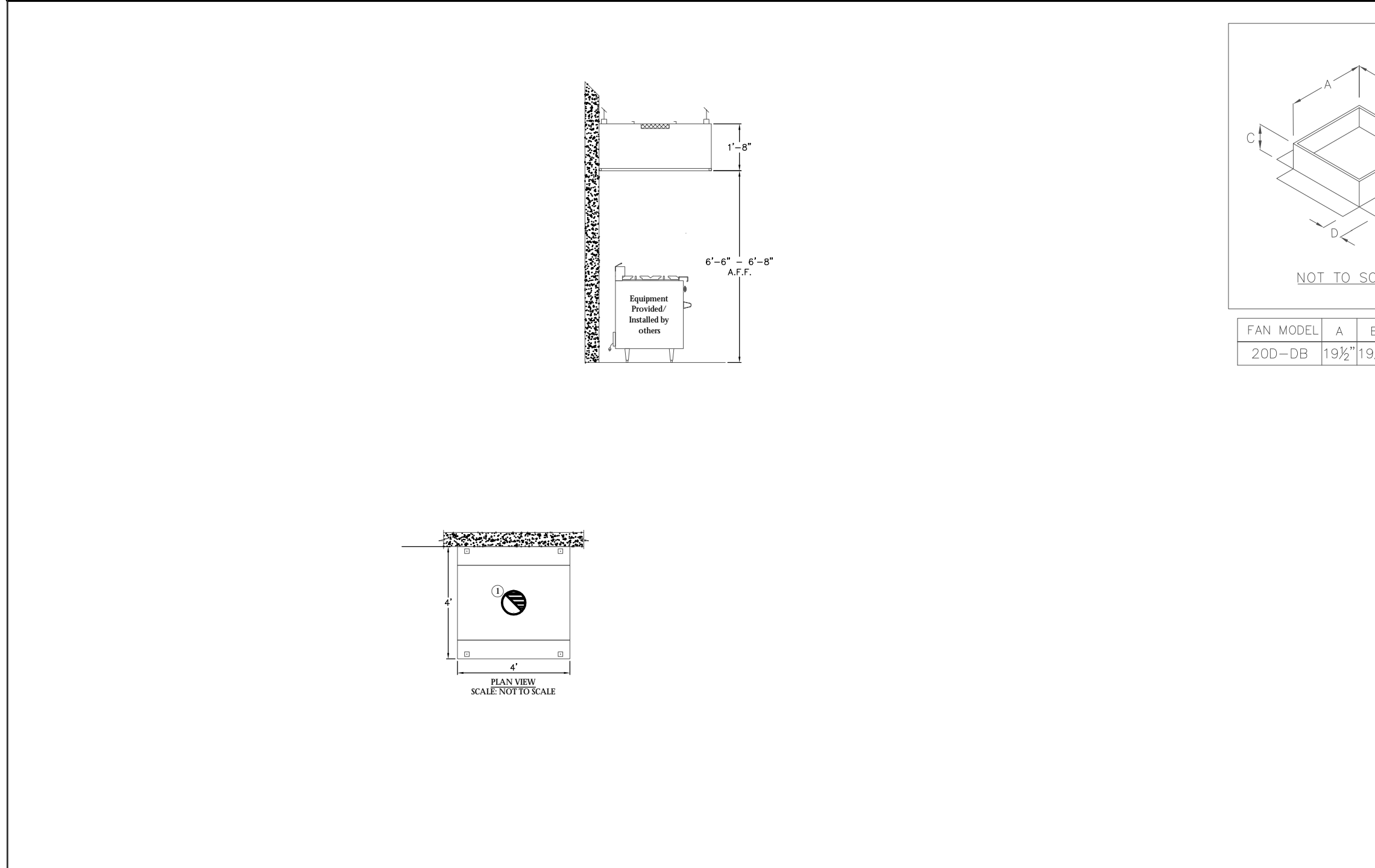
| FAN UNIT NO. | FAN UNIT MODEL # | MODEL | TAG | CFM | S.P. | RPM | H.P. | Ø | VOLT | FLA | BLOWER | HOUSING | TAG | CFM | S.P. | RPM | H.P. | Ø | VOLT | FLA |
|--------------|------------------|-------|------|------|------|------|------|---|---------|-----------|--------|---------|-----|-----|------|-----|------|---|------|-----|
| | | | | | | | | | | | | | | | | | | | | |
| 4 | 36B | 36B | EF-3 | 3250 | 0.50 | 1546 | 1 | 1 | 115/230 | 13.0/6.50 | - | - | - | - | - | - | - | - | - | - |
| 5 | 36B | 36B | EF-4 | 3250 | 0.50 | 1546 | 1 | 1 | 115/230 | 13.0/6.50 | - | - | - | - | - | - | - | - | - | - |
| 6 | SF11 | SF11 | SF-2 | 5200 | 0.25 | 888 | 3 | 1 | 208/230 | - | - | - | - | - | - | - | - | - | - | - |

MLA
MICHAEL LEGG ARCHITECTURE
Michael Gregory Legg
NCARB, AIA, RIBA, SACAP
26116 High Timber Pass
San Antonio, Texas 78290
ph: 714-414-4853
michaleg@mla-architecture.info

DRAWING COORDINATION
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17 March 2023
G.G. MALONEY
REGISTERED PROFESSIONAL ENGINEER
23319
1428 TRAILWOOD DR
HURST, TEXAS 76053
F-1400
MALONEY ASSOCIATES CONSULTING ENGINEERS, INC.
MALONEY-ENG.COM



IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS

ALL EQUIPMENT IS UL LISTED COMPONENTS HOODMART HOODS ARE BUILT IN COMPLIANCE WITH:
NFPA #96 & UL710
AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:
- NSF INTERNATIONAL -UL
-OPENINGS ARE RECOMMENDED SIZES, DUCT OPENINGS TO BE CUT AND DOWNS INSTALLED IN FAN

| HOOD NO. | MODEL | LENGTH | MAX. COOKING TEMP. DEG. | TOTAL EXH. CFM | EXHAUST PLENUM(S) | | | | TOTAL SUP. CFM | SUPPLY PLENUM(S) | | | | HOOD CONSTRUCTION |
|----------|------------|-------------------|-------------------------|----------------|-------------------|------|------|------|----------------|------------------|-------|------|------|-------------------------|
| | | | | | DIA. | QTY. | CFM. | S.P. | | WIDTH | LENG. | QTY. | CFM. | |
| 3 | CONDENSATE | 48" NOM 48" OD | 700 | 800 | 10" | 1 | 800 | 0.50 | - | - | - | - | - | STAINLESS STEEL UTILITY |

| HOOD NO. | TYPE | QTY. | HEIGHT | LENGTH | TYPE | QTY. | WIRE GUARD | FIRE SYSTEM | SIZE | GABINET ELECTRICAL MODEL # | QUANTITY | SWITCHES | LOCATION | EST. HOOD WEIGHT |
|----------|----------------------|------|--------|--------|--------------------|------|------------|-------------|------|----------------------------|----------|----------|----------|------------------|
| | | | | | | | | | | | | | | |
| 3 | ALUMINUM MESH FILTER | 1 | 14" | 14" | INCANDESCENT LIGHT | - | - | - | - | - | - | - | - | 210 |

| FAN UNIT NO. | FAN UNIT MODEL # | MODEL | TAG | CFM | S.P. | RPM | H.P. | Ø | VOLT | FLA | BLOWER | HOUSING | TAG | CFM | S.P. | RPM | H.P. | Ø | VOLT | FLA |
|--------------|------------------|--------|------|-----|------|------|------|---|------|------|--------|---------|-----|-----|------|-----|------|---|------|-----|
| | | | | | | | | | | | | | | | | | | | | |
| 7 | 20D-DB | 20D-DB | EF-5 | 800 | 0.50 | 1300 | 1/4 | 1 | 115 | 6.00 | - | - | - | - | - | - | - | - | - | - |

HOODMART
VOLUNTEER STOP HOOD SHOP
172 READER COURT EL PASO, TEXAS 79901
TEL: 1-800-775-1014 FAX: 1-800-775-1014

EQUIPMENT SCHEDULE
4" x 48" CONDENSATE
CONTRACT NO: 145153 ITEM NO. -
JOB: THE LION & ROSE RESTAURANT LOC: SAN ANTONIO, TX CUST: SUNNY GARDEN CUST# -

REV. DATE BY REVISIONS
1 03/02/2023 [initials] AS NOTED DWG# 145153 SHIT 3 OF 5

Hinge Kit Installation and Grease Extractor Details

Parts
2 - Fan Plates (Left & Right)
2 - Curb Plates (Left & Right)
2 - Whiz Bolt
6 - Whiz Nut
Sheet Metal Screws
12 - Short (1/2" L.G.)
12 - Long (3/4" L.G.)

Tools Needed
1. Cordless
2. 1/8" Drill
3. 5/16" Drill Bit
4. Sharpie/Marker
5. Measuring Tool (Optional)
6. 2" Open End Wrench (2)

Step 1 - Line up the Fan Plate with the Fan Base as shown in picture 1. lined up with the Fan Base, Mark out where you want your holes with a marker as shown in picture 2 (do the same for the Curb Plate)

Step 2 - Once Holes are Marked and Drilled, You Can Screw The Fan Plate to the Fan Base Using The Short 1/2" LG. Sheet Metal Screws.

Step 3 - Last step is to screw the Curb Plate to the Curb using the Long 3/4" LG. Sheet metal Screws.

Step 4 - Last step is to screw the Curb Plate to the Curb using the Long 3/4" LG. Sheet metal Screws.

Isometric View
Fan (Model 10D)
Grease Base (Optional W/ Grease Box)
Grease Extractor/ Box & Dual Roofing Membrane for Grease
Hinge
Detail A
VENT
Curb

Detail A
Fan Base
Curb Plate (Left)
Fan Plate (Left)
Hinge Assembly

Detail B
Fan Base
Curb Plate (Left)
Fan Plate (Left)
Hinge Assembly

Detail C
Run screws from outside

IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS

ALL EQUIPMENT IS UL LISTED COMPONENTS HOODMART HOODS ARE BUILT IN COMPLIANCE WITH:
NFPA #96 & UL710
AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:
- NSF INTERNATIONAL -UL
-OPENINGS ARE RECOMMENDED SIZES, DUCT OPENINGS TO BE CUT AND DOWNS INSTALLED IN FAN

HOOD DETAILS

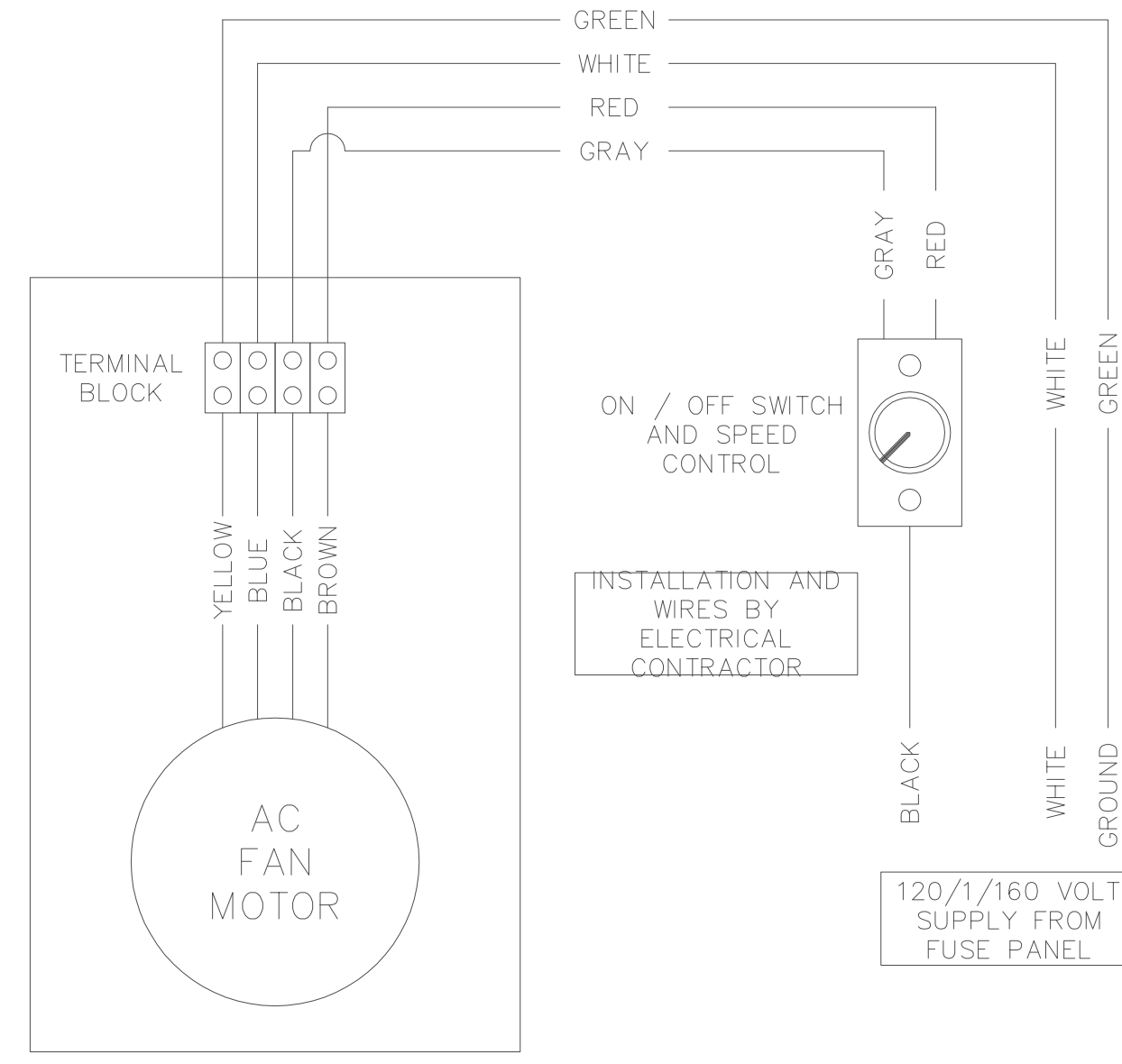
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|---------|-------------|------------|
| 4/17/23 | MEP CHANGES | [initials] |

SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
M3.2



VARIABLE SPEED CONTROL
DIAGRAM
NOT TO SCALE

IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO
ENSURE THAT THE HOOD CLEARANCE FROM
LIMITED-COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH
LOCAL CODE REQUIREMENTS

ALL EQUIPMENT IS UL LISTED COMPONENTS
HOODMART HOODS ARE BUILT IN COMPLIANCE
WITH : NFPA #96 & UL710
AND ARE RECOGNIZED BY ONE OR MORE OF THE
FOLLOWING: - NSF INTERNATIONAL -UL
-OPENINGS ARE RECOMMENDED SIZES, DUCT
OPENINGS TO BE CUT AND DOORS INSTALLED IN FUSE
PANEL

| REV | DATE | BY | REMARKS |
|-----|------|----|---------|
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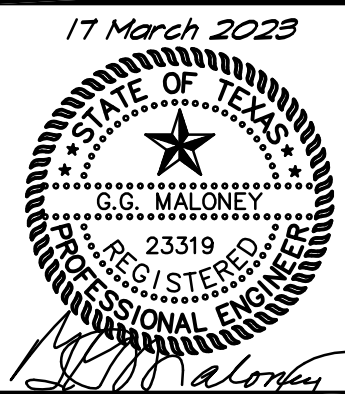
HOODMART
YOUR ONE STOP HOOD SHOP
1720 W. BROAD STREET 78704 TEL: 512-343-1014
1210 W. BROAD STREET 78704 TEL: 512-343-1014

EQUIPMENT SCHEDULE
VARIABLE SPEED CONTROL
CONTRACT NO: 145153 ITEM NO: -
JOB: THE LION & ROSE RESTAURANT
LOC: SAN ANTONIO, TX
CUST: SUNNY GANDHI
CUST#:

DATE: 03/16/2023 TIME: 4:35 PM DWG#: 145153 SHEET: 5 OF 5

DRAWING COORDINATION
Architectural, Landscape, Civil,
Structural, Mechanical and
Electrical drawings are interrelated.
General Contractor and all Sub
Contractors shall review and
coordinate the entire set of
drawings and specifications

THE SEAL APPEARING ON THIS
DOCUMENT WAS AUTHORIZED BY
G.G. MALONEY, P.E. 23319
ON MAR 17, 2023. ALTERATION
OF SEALED DOCUMENTS WITHOUT
PROPER NOTIFICATION OF THE
RESPONSIBLE ENGINEER IS AN
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HOOD DETAILS
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

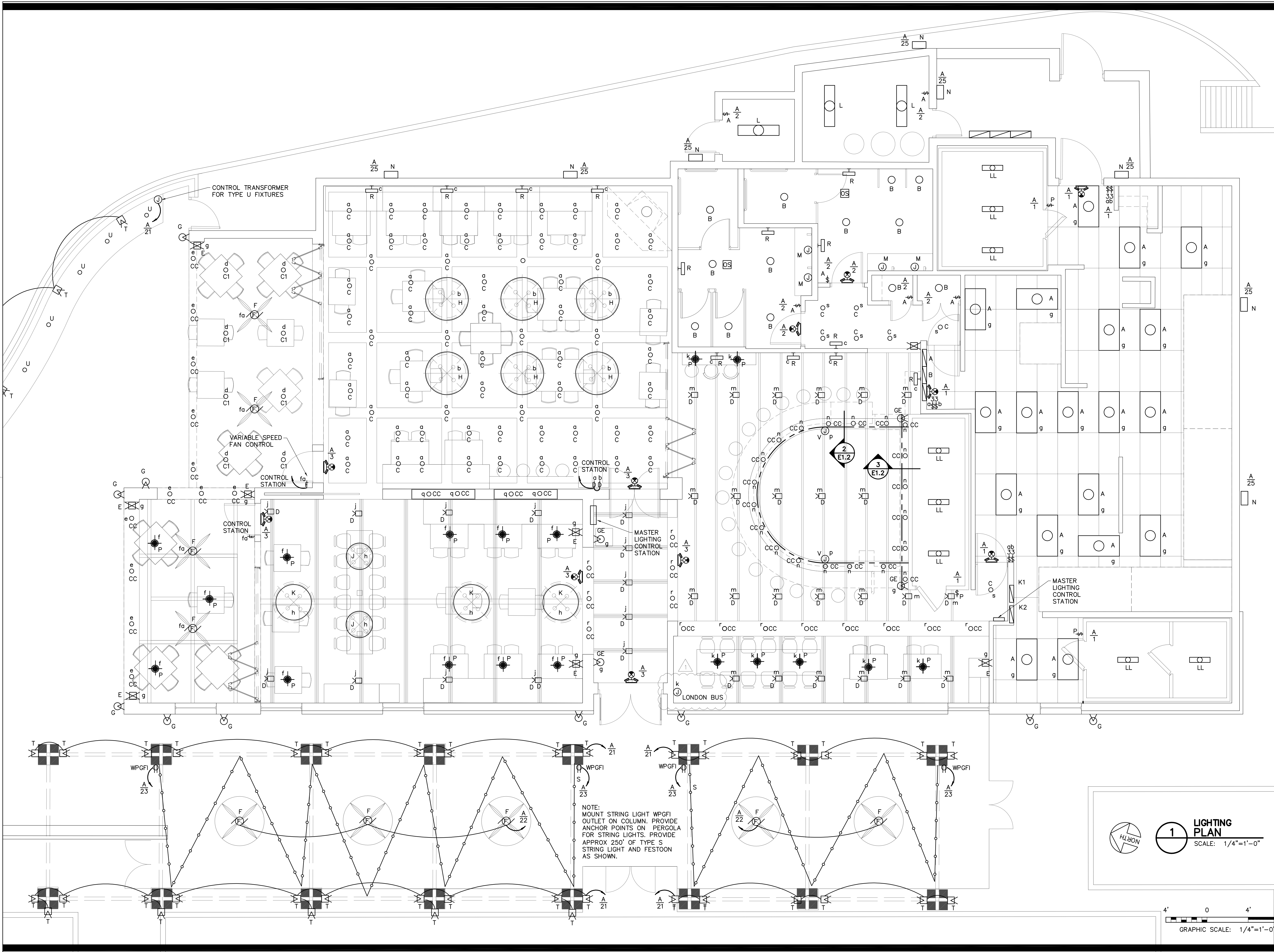
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AS NOTED

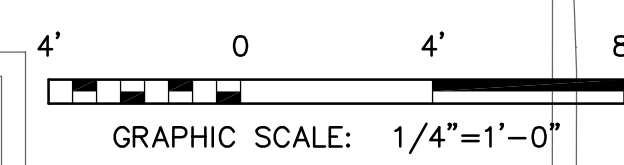
PROJECT NO.
05-05-22

SHEET NO.
M3.3

Apr 17, 2023 - 2:29pm
10-1511-E1.1-Lighting Plan.dwg



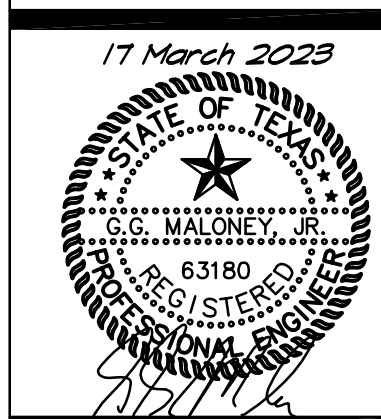
1 LIGHTING PLAN
SCALE: 1/4"=1'-0"



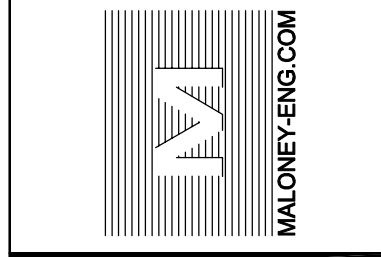
MLA
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Michael Gregg Legg
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26116 High Timber Pass
San Antonio, Texas 78290
ph: 214-414-4853
mlegg@mlaarch.com

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LIGHTING PLAN
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

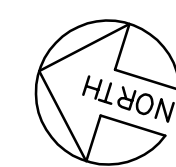
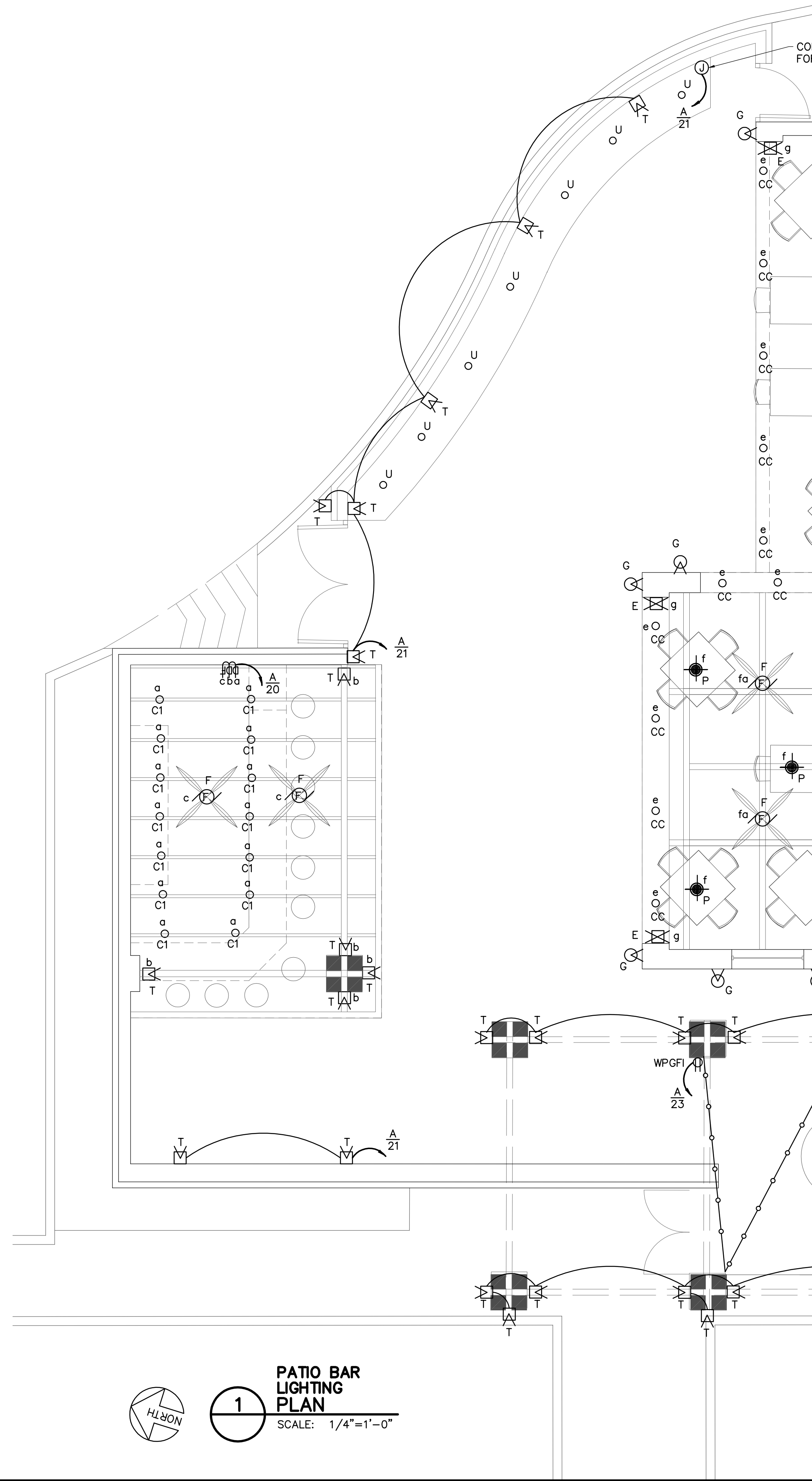
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|---------|-------------|----|
| 4/17/23 | MEP CHANGES | |

SCALE:
AS NOTED

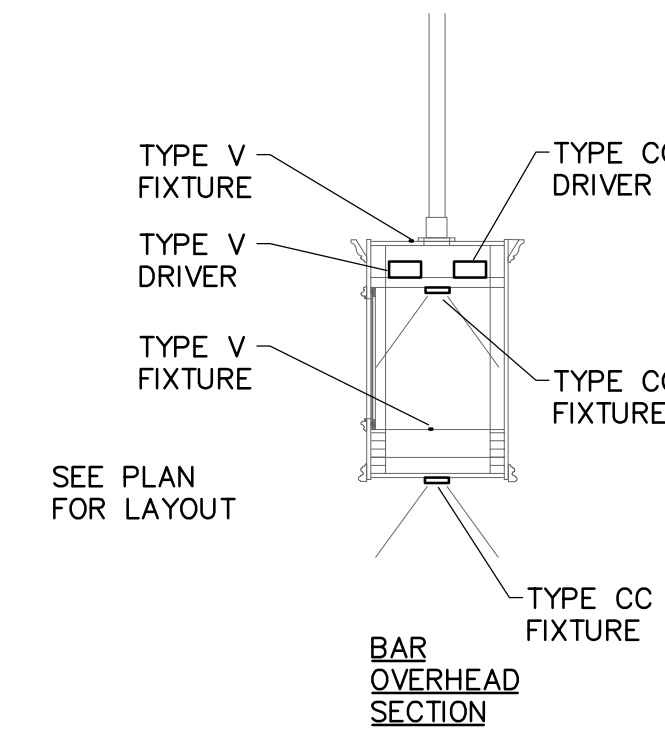
PROJECT NO.
05-05-22

SHEET NO.
E1.1

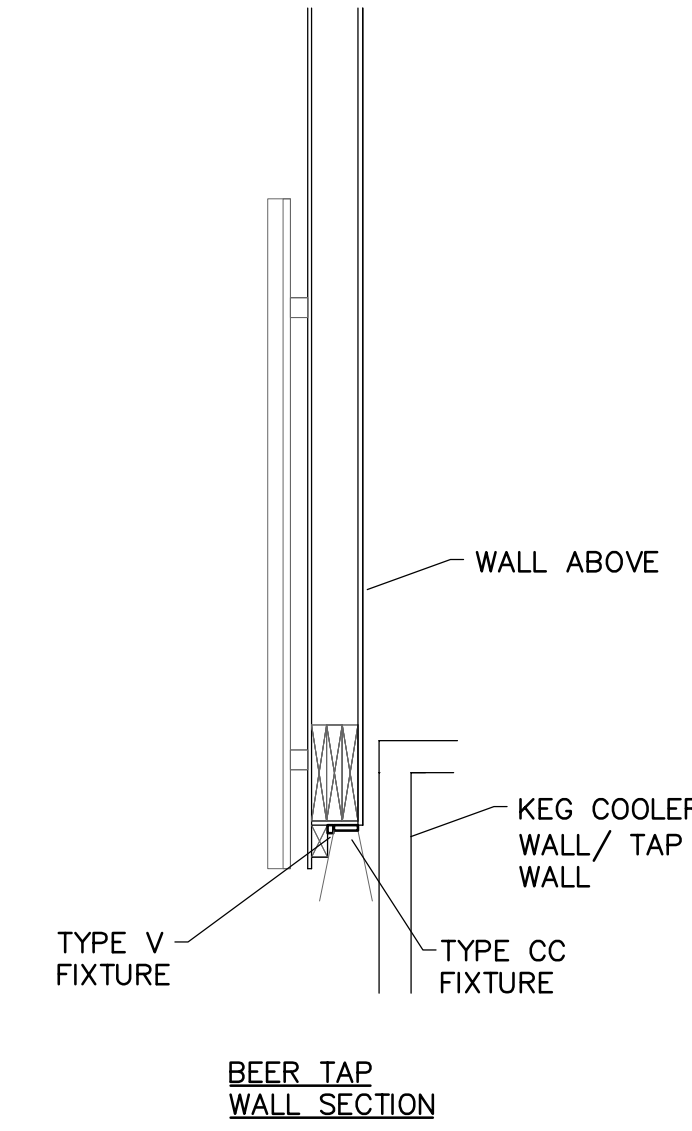
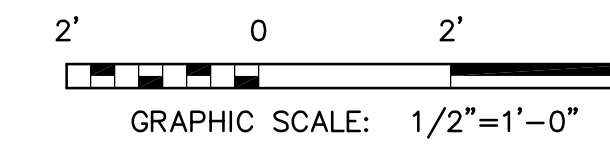
Mar 17, 2023 - 4:37pm
10-1511-E1.1-Lighting Plan.dwg



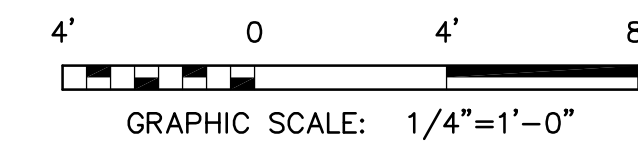
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PATIO BAR LIGHTING PLAN
SCALE: 1/4"=1'-0"



2
BAR OVERHEAD LIGHTING SECTION
SCALE: 1/2"=1'-0"



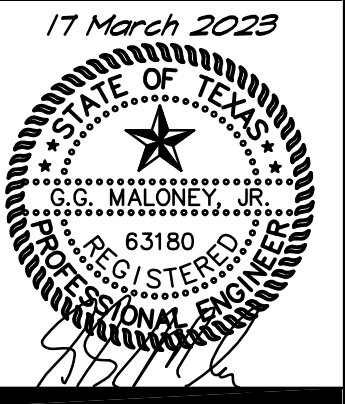
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BAR TAP WALL LIGHTING SECTION
SCALE: 1/2"=1'-0"



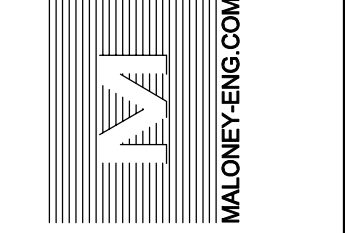
MLA
MICHAEL LEGG ARCHITECTURE
Michael Gregory Legg
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San Antonio, Texas 78290
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mlegg@mlaarchitecture.com

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Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

LIGHTING PLAN

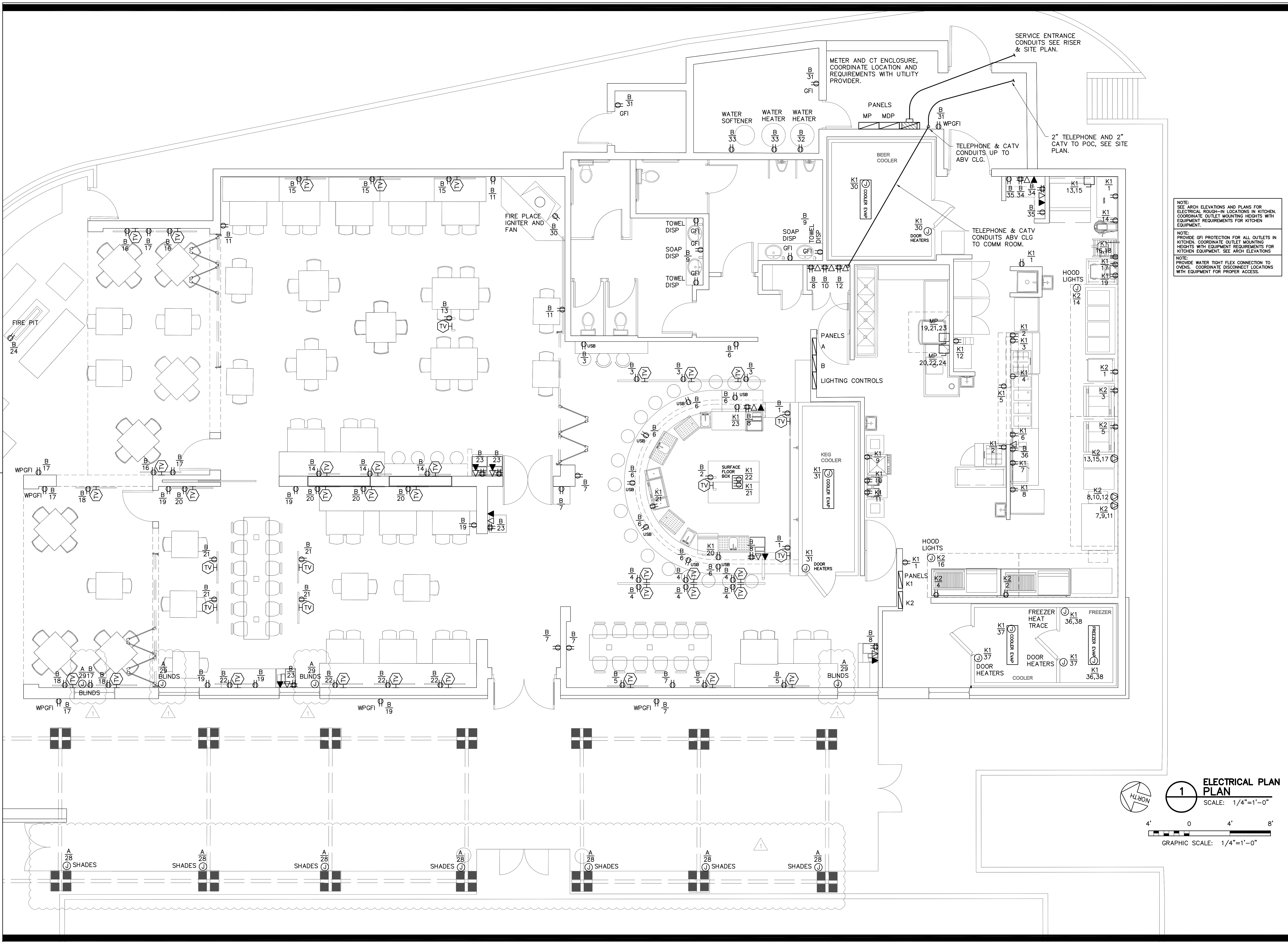
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SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
E1.2

Apr 17, 2023 - 2:28pm
11-1511-E2.1-Electrical Plan.dwg



NOTE:
SEE ARCH ELEVATIONS AND PLANS FOR ELECTRICAL ROOMS IN LOCATIONS IN KITCHEN. COORDINATE OUTLET MOUNTING HEIGHTS WITH EQUIPMENT REQUIREMENTS FOR KITCHEN EQUIPMENT.

NOTE:
PROVIDE GFI PROTECTION FOR ALL OUTLETS IN KITCHEN. COORDINATE OUTLET MOUNTING HEIGHTS WITH EQUIPMENT REQUIREMENTS FOR KITCHEN EQUIPMENT. SEE ARCH ELEVATIONS

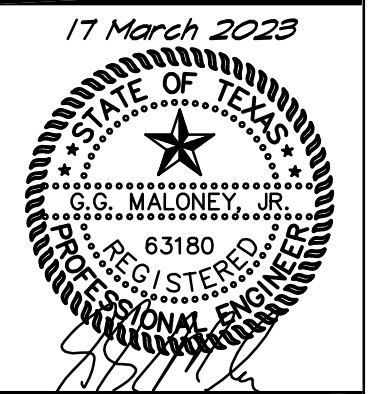
NOTE:
PROVIDE WATER TIGHT FLEX CONNECTION TO OWENS. COORDINATE DISCONNECT LOCATIONS WITH EQUIPMENT FOR PROPER ACCESS.

ELECTRICAL PLAN
1
SCALE: 1/4"=1'-0"
GRAPHIC SCALE: 1/4"=1'-0"

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Michael Gregory Legg
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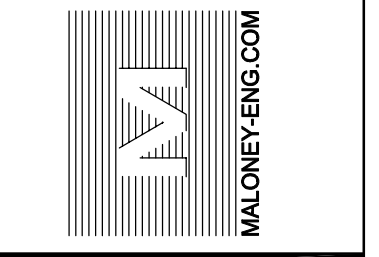
DRAWING COORDINATION
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17 March 2023

MALONEY ASSOCIATES
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ELECTRICAL PLAN

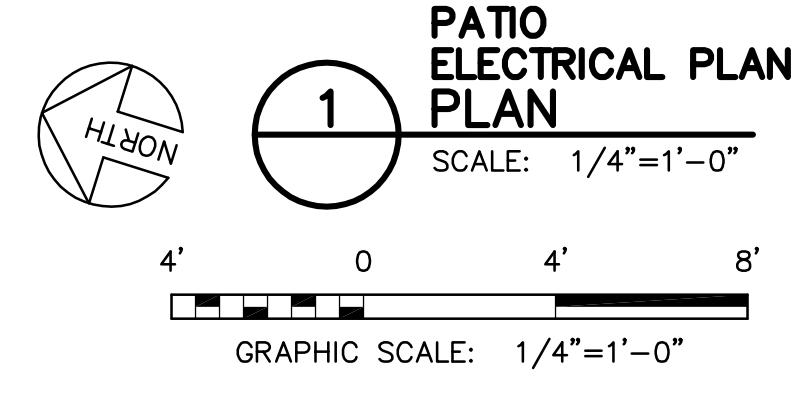
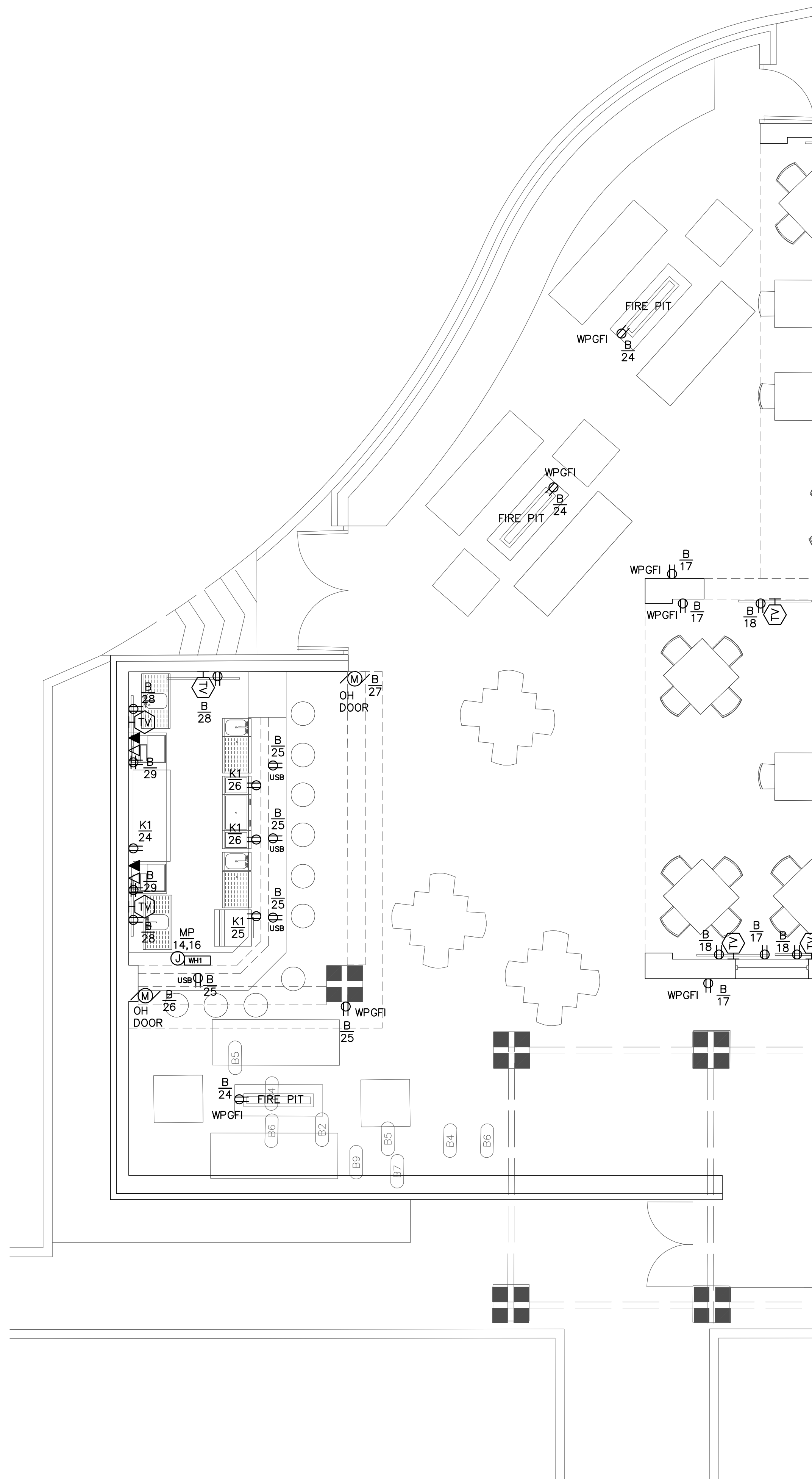
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|---------|-------------|----|
| 4/17/23 | MEP CHANGES | 1 |

SCALE:
AS NOTED

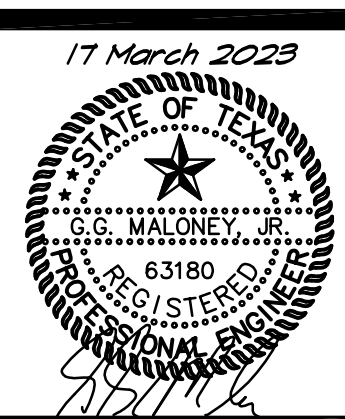
PROJECT NO.
05-05-22

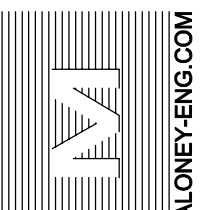
SHEET NO.
E2.1



DRAWING COORDINATION
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ELECTRICAL PLAN
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|------|-------------|----|
| | | |
| | | |
| | | |

SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
E2.2

Apr 17, 2023 - 2:33pm
12-1511-E3.1-Electrical Riser and Schedules_1_1_6179.DWG

| LIGHTING FIXTURE SCHEDULE | | | | | | | |
|---------------------------|-------------------------------|--|----------------|----------------------------------|---------------------|--|--|
| MARK | DESCRIPTION | LAMPS NO/TYPE | MAX INPUT W | LENS | MOUNTING | MANUFACTURER | NOTES |
| A | 2X4 TROFFER | 1 4200 LUMEN LED | 40 | PMMA DIFFUSER | RECESSED | SYLVANIA PANELF 1A 040 UNV 835 24G WH | PROVIDE WITH SYLVANIA QHE3X32T8/UNV ISL-SC BALLAST |
| B | 8" DOWNLIGHT | 1 1640 LUMEN LED 27K/30K Adjustable | 19 | INTEGRAL | RECESSED | JUNO W8 SWW5 90CRI MV | DIMMING DRIVER, WHITE TRIM, PROVIDE MOUNTING ACCESSORIES. |
| C | 6" COPPER DOWNLIGHT | 1 970 LUMEN LED 27K/30K Adjustable | 13 | INTEGRAL | RECESSED | JUNO W6 SWW5 90CRI ORB | DIMMING DRIVER, OILED BRONZE TRIM, PROVIDE MOUNTING ACCESSORIES. |
| C1 | DOWNLIGHT CYLINDER | 1 1500 LUMEN LED 2700K | 15 | INTEGRAL | PENDANT | HALO HCC6S15D010BZ - HM6CO525927 - 61MDC | DIMMING DRIVER 12" PENDANT |
| CC | CABINET PUCK | 1 280 LUMEN LED 2700K / 3000K / 4000K Adjustable | 4 | INTEGRAL | SURFACE OR RECESSED | AMERICAN LIGHTING OMNI SLIM 3CCT 24VDC PUCK LIGHT | DIMMING DRIVER, PROVIDE ACCESSORIES AND POWER SUPPLY |
| D | ADJUSTABLE UP LIGHT | 1 1000 LUMEN LED 2700K | 23 | INTEGRAL | SURFACE | PALOMA - MO-4023-827-BK | DIMMING DRIVER, BLACK |
| E | WALL SCONCE | 1 E26 BASE FILLIMENT LED EDISON BULB 450 LUMEN 3000K | 5 | GLASS | WALL | KICHLER Marchesa - TRZ 45131TRZ (Terrene Bronze) | DIMMABLE LAMP |
| F | WET LOCATION CEILING FAN | 5500CFM | 56W | NO LIGHT | CEILING | HUNTER Jetty Outdoor 52 inch | WET LOCATION, 52" FAN, PROVIDE WALL BOX SPEED CONTROL |
| G | GAS LIGHT | 1 GAS | 5MBH | TEMPERED GLASS | WALL | FURNISHED BY OWNER | |
| GE | ELECTRIC GAS LIGHT | 1 E26 BASE FILLIMENT LED EDISON BULB 450 LUMEN 3000K | 5 | TEMPERED GLASS | WALL | FURNISHED BY OWNER | DIMMABLE LAMP |
| H | CHANDELIER | 6 B11 E12 BASE 3000K LED CANDELABERA | 4 | NONE | CEILING | Lucca Iron Indoor/Outdoor Chandelier 50" Pottery Barn | DIMMABLE LAMP |
| J | CHANDELIER | 9 E26 BASE FILLIMENT LED EDISON BULB 450 LUMEN 3000K | 5 | NONE | CEILING | Roswood Metal Chandelier 31"- Pottery Barn | DIMMABLE LAMP |
| K | CHANDELIER | 12 B11 E12 BASE 3000K LED CANDELABERA | 4 | NONE | CEILING | Remington Iron Round Chandelier, Bronze 41.5" dia. - Pottery Barn | DIMMABLE LAMP |
| L | 4' STRIP LIGHT | 1 3000 LUMEN LED 3500K | 28 | ACRYLIC | SURFACE | LITHONIA CSS L48 AL03 M/O.LT 35K | ELECTRONIC DRIVER |
| LL | 2' COOLER STRIP LIGHT | 1 2000 LUMEN LED | 18 | ACRYLIC | SURFACE | LITHONIA DIMW2 L24 2000LM ACL MD MVOLT G210 40K 80CRI | ELECTRONIC DRIVER WET LOCATION |
| M | MIRROR LIGHT | 1 4766 LUMEN LED 3000K | 48 | DIFFUSER | WALL | WTC VANITY MIRROR AS SPECIFIED BY ARCHITECT | DIMMING DRIVER |
| N | EXTERIOR WALL PACK | 1 1693 LUMEN LED | 16W | CUT-OFF | WALL | LITHONIA ARC2 LED P2 40K MVOLT DDBXD | COORDINATE MOUNTING HEIGHT WITH ARCH. ELEVATIONS. BUG RATING B0-U0-G1 |
| P | PENDANT | 1 410 LUMEN LED 2700K | 5 | NONE | PENDANT | LUMENART UME2074275 | 2.25" DIAMETER, DIMMING DRIVER |
| R | PICTURE LIGHT | 1 595 LUMEN LED 2700K | 9 | INTEGRAL | SURFACE | WAC PL-LED14-27-RB | DIMMING DRIVER RUBBED BRONZE |
| S | CANTINA LIGHTS | 1 AMERICAN LIGHTING PS14-E26-UWW | 1.4 | NONE | FESTOON | AMERICAN LIGHTING LS-MS-24-48-BK | UL WET LOCATION, PROVIDE 300' STRING LIGHT WITH MULTIPLE PLUGS. |
| T | EXTERIOR WALL SCONCE CYLINDER | 1 484 LUMEN LED 3000K | 16.9 | INTEGRAL | WALL | PROGRESS P5674-20/30K | ANTIQUE BRONZE |
| U | LANDSCAPE LIGHT | 1 | 3 | INTEGRAL | GROUND | HYDREL JENSON BR 3LED16 AMB 12 PMBR60C S24BR DDB | PROVIDE CONTROL TRANSFORMERS AND ACCESSORIES, BRASS |
| V | LED TAPE LIGHT COLOR CHANGING | 1 2700-5000K, R/G/B 323 Inv/ft | 6W/FT | DIFFUSE provide mounting channel | SURFACE | WAC INVISILED RGBWW T24-CC1-0X-WT | PROVIDE REMOTE CONTROLS FOR COLOR, LENGTH AS REQUIRED, PROVIDE ALL ACCESSORIES REQUIRED, control with wallbox LED-WCT-WT, and WAC mobile App |
| W | PARKING LOT | 1 15,000 LUMEN LED, 4000K COLOR TEMPERATURE | 109 | INTEGRAL | 20' POLE | LED AREA LUMINAIRE, TYPE 3 DISTRIBUTION, LITHONIA RSX1 LED P3-40K R3 MVOLT SPA DDBXD EGFV, DARK BRONZE POLE #SSS 4C DM19AS DDBXD | 20FT STRAIGHT SQUARE STEEL POLE, EXTERNAL 360° FULL VISOR, BUG RATING B2-U0-G1 |
| X | EXIT/EGRESS | 2 LED | 4.3 | RED | WALL OR CEILING | COMPASS LIGHTING CCR | WITH 90 MIN EMERGENCY BATTERY, 2 LAMP HEADS |
| Y | EGRESS | 2 LED | 4 | REFRACTOR | WALL | COMPASS LIGHTING CU2 | WITH 90 MIN EMERGENCY BATTERY, 2 LAMP HEADS |
| Z | EXTERIOR EGRESS | 2 LED | 10.8 | REFRACTOR | WALL | DUAL LITE PGZ-HTR | UL WET LOCATION, BATTERY RATED FOR -22degF TO 122degF, 90 MIN OPERATION |

- NOTES:**
- VERIFY TRIM MATCHES CEILING OR SURFACE TYPE FOR RECESSED FIXTURES.
 - VERIFY FIXTURE VOLTAGE PRIOR TO ORDERING FIXTURES.
 - PROVIDE 3500K COLOR TEMP LAMPS OR AS NOTED IN ALL AREAS.

| MASTER DIMMING AND SWITCHING CONTROL PANEL SCHEDULE | | | | | |
|---|---------|---------------|--------------------------|-----------|------------------------|
| PANEL | CIRCUIT | SWITCH LETTER | AREA DESCRIPTION | LOAD TYPE | NOTES |
| LIGHTING CONTROLS | | | | | |
| A | 3 | a | BACK DINING DOWNLIGHTS | LED | DIMMER |
| A | 4 | b | BACK DINING CHANDELIERS | LED | DIMMER |
| A | 5 | c | PICTURE LIGHTS | LED | DIMMER |
| A | 6 | d | PATIO DINING DOWNLIGHTS | LED | DIMMER |
| A | 7 | e | PATIO DINING PUCK LIGHTS | LED | DIMMER |
| A | 8 | f | DINING PENDANT LIGHTS | LED | DIMMER |
| A | 9 | g | SCONCES | LED | DIMMER |
| A | 10 | h | FRONT DINING CHANDELIERS | LED | DIMMER |
| A | 11 | j | TRUSS UPLIGHTS | LED | DIMMER |
| A | 12 | k | BAR PENDANT LIGHTS | LED | DIMMER |
| A | 13 | m | BAR TRUSS LIGHTS | LED | DIMMER |
| A | 14 | n | BAR CABINET PUCK LIGHTS | LED | DIMMER |
| A | 15 | p | BAR TAPE LIGHTS | LED | DIMMER |
| A | 16 | q | DINING CABINET LIGHTS | LED | DIMMER |
| A | 16 | r | BAR PUCK LIGHTS | LED | DIMMER |
| A | 17 | s | BAR DOWNLIGHTS | LED | DIMMER |
| A | 18 | Ja | PATIO DINING FANS | FAN | SPEED CONTROL UP/DN |
| A | 20 | m | WINDOW BLINDS | M | UP/DN |
| A | 21 | n | PATIO LIGHTS | LED | SWITCH |
| A | 22 | p | PATIO FANS | FAN | SPEED CONTROL |
| A | 23 | r | STRING LIGHTS | LED | SWITCH |
| A | 24 | s | STRING LIGHTS | LED | SWITCH |
| A | 25 | t | EXTERIOR BUILDING LIGHTS | LED | PHOTOCCELL ON-TIME OFF |
| A | 26 | u | PARKING LOT LIGHTS | LED | PHOTOCCELL ON-TIME OFF |
| A | 28 | v | PATIO SHADES | M | UP/DN |

PROVIDE LIGHTOLIER LYTEMODE DIMMING AND CONTROL SYSTEM WITH DIMER/SWITCHING RACK, 2 FOUR BUTTON STATIONS AND 2 MASTER CONTROL STATIONS. PROVIDE COMMISSIONING AND START-UP BY A LIGHTOLIER FACTORY AUTHORIZED AND TRAINED FIELD TECHNICIAN.

ELECTRICAL INSTALLATION REQUIREMENTS:

1. SCOPE

- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO EXECUTE WORK.
- THIS WORK INCLUDES, BUT IS NOT LIMITED TO: ELECTRICAL SERVICE AND DISTRIBUTION SYSTEMS, PANELBOARDS, DISCONNECT SWITCHES, LIGHTING FIXTURES, POWER AND CONTROL WIRING WITH FINAL CONNECTIONS TO ALL EQUIPMENT REQUIRED FOR A COMPLETE SYSTEM.
- ELECTRICAL CONTRACTOR TO VERIFY TYPE OF POWER SERVICE AVAILABLE (UNDERGROUND OR OVERHEAD) UTILITY CABLE, CONDUIT AND TRANSFORMER PAD INSTALLATION REQUIREMENTS, COST FROM UTILITY TO PROVIDE SERVICE AND MAXIMUM SHORT CIRCUIT CURRENT PRIOR TO SUBMITTING A PROPOSAL. INCLUDE COST FOR UTILITY ROUGH-IN, CONDUIT, CABLE, XFMR PADS AND CONNECTIONS NOT PROVIDED BY THE UTILITY.
- ELECTRICAL CONTRACTOR TO VERIFY TYPE OF TELEPHONE SERVICE AVAILABLE (UNDERGROUND OR OVERHEAD) PRIOR TO SUBMITTING A PROPOSAL.
- ELECTRICAL CONTRACTOR VERIFY METERING, IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE LABELS 3/16 INCH HIGH, FOR DESCRIPTION OF MAIN SWITCHBOARD, PANEL BOARD AND ALL BRANCH CIRCUITS.
- SUBMIT MANUFACTURER'S CATALOG SHEETS, BROCHURES, DIAGRAMS, SCHEDULES, PERFORMANCE CHARTS, ILLUSTRATIONS AND OTHER STANDARD DESCRIPTIVE DATA. CLEARLY MARK EACH COPY TO IDENTIFY PERTINENT MATERIALS, PRODUCTS OR MODELS. SHOW DIMENSIONS AND CLEARANCES REQUIRED. SHOW PERFORMANCE CHARACTERISTICS AND CAPACITIES. SHOW ELECTRICAL RATINGS, WIRING DIAGRAMS AND CONTROLS.
- PROVIDE IVORY DEVICES WITH STAINLESS STEEL PLATES FOR OUTLETS LOCATED IN KITCHEN. PROVIDE BLACK DEVICES WITH BLACK COVERPLATES FOR OUTLETS LOCATED IN THE DINING AREA.

2. INSTALLATION

- THE INSTALLATION SHALL COMPLY WITH CURRENT NEC.
- THE CLEARANCE TO ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH CURRENT NEC.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED ELECTRICAL CONDUIT AND WIRING FOR ALL MOTORS, STARTERS AND ELECTRICAL CONTROLS. HE SHALL MAKE ALL LINE VOLTAGE ELECTRICAL CONNECTIONS AS REQUIRED FOR HVAC SYSTEMS.

- ELECTRICAL CONTRACTOR SHALL COMPLETE THE CONNECTIONS TO ALL RECEPTACLES, EQUIPMENT AND FINAL CONNECTIONS TO ALL FIXTURES AFTER FIXTURES ARE IN PLACE.
- WIRING
 - WIRE SIZES ARE TO COMPLY WITH CURRENT NEC.
 - ALL WORK SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER.
 - ALL WIRING SHALL BE RUN IN APPROVED METALLIC RACEWAY OR CONDUIT AND SHALL BE UNIFORMLY COLOR CODED THROUGHOUT THE ENTIRE SYSTEM. SPLICES, TAPS, AND TERMINALS SHALL BE MAKE ONLY IN "J" BOXES, OUTLETS AND PANEL BOARDS.
 - ALL CONDUCTORS SHALL BE COPPER WITH A MINIMUM WIRE SIZE OF #12 AWG. THE CONTRACTOR SHALL ENSURE THE CONDUCTORS UTILIZED ARE IN KEEPING WITH GOOD PRACTICE FOR THE CIRCUIT/PROTECTIVE DEVICES EMPLOYED. THE NEUTRAL CONDUCTOR (WHERE USED) SHALL HAVE THE SAME AMPACITY AS THE ASSOCIATED PHASE CONDUCTORS (I.E. NEUTRAL REDUCTION SHALL NOT BE PERMITTED).
 - THE CONTRACTOR SHALL SIZE ALL CONDUCTOR AND CONDUIT IN ACCORDANCE WITH NEC AND ENSURE THAT CIRCUIT AMPACITY AND SHORT CIRCUIT/OVERLOAD PROTECTION IS APPROPRIATE FOR THE EQUIPMENT BEING INSTALLED. UL LISTING CONDITIONS SHALL BE OBSERVED.
 - WIRE SIZES LISTED ARE MINIMUM. CONDUCTORS SHALL BE SELECTED SUCH THAT THE MAXIMUM VOLTAGE DROP BETWEEN THE PANELBOARD AND LOAD (AT FULL LOAD AMPS) DOES NOT EXCEED 2% FOR MOTOR LOADS (AIR CONDITIONING, REFRIGERATION, ETC.) AND 5% FOR ALL OTHER LOADS
- GROUNDING - PROVIDE GROUNDING OF ELECTRICAL SERVICE ENTRANCE, PANELS, EQUIPMENT AND DEVICES IN ACCORDANCE WITH CURRENT NEC.
- MAINTAIN SERVICE CLEARANCE TO ELECTRICAL PANELS AND EQUIPMENT IN ACCORDANCE WITH CURRENT NEC.

ELECTRICAL SYMBOL LEGEND

| | |
|---|---|
| <p>A □ 2X4 FLUORESCENT FIXTURE, LETTER INDICATES TYPE</p> <p>□ 1X4 FLUORESCENT FIXTURE, LETTER INDICATES TYPE</p> <p>◻ SHADED FIXTURES WITH EMERGENCY BATTERY PACK</p> <p>□ RECESSED FIXTURE, LETTER INDICATES TYPE.</p> <p>□ WALL MOUNTED FIXTURE, LETTER INDICATES TYPE.</p> <p>□ CEILING MOUNTED OR PENDANT FIXTURE, LETTER INDICATES TYPE.</p> <p>□ WALL MOUNTED EXIT SIGN, FIXTURE TYPE X.</p> <p>□ CEILING MOUNTED EXIT SIGN, FIXTURE TYPE X.</p> <p>□ EGRESS LIGHTING, FIXTURE TYPE Y</p> <p>□ SWITCH</p> <p>□ SWITCH WITH AUTOMATIC OCCUPANCY SENSING (PIR TYPE)</p> <p>□ 3-WAY SWITCH, 4 INDICATES 4-WAY SWITCH</p> <p>□ VARIABLE SPEED FAN CONTROL SWITCH</p> <p>□ 20A, 120V DUPLEX OUTLET, NEMA 5-20</p> <p>□ 20A, 120V 4PLEX OUTLET, (2) NEMA 5-20</p> <p>□ GFI OUTLET BELOW SINK FOR AUTOMATIC FAUCET VALVE POWER SUPPLY</p> <p>□ ELECTRIC WATER COOLER, SET HEIGHT BY COOLER TEMPLATE, CONCEAL OUTLET. WEATHER PROOF.</p> <p>□ GFI GROUND FAULT INTERRUPTED OUTLET.</p> <p>□ ABOVE CEILING RECEPTACLE</p> <p>□ OUTLET OR DEVICE ABOVE COUNTER SPLASH OR AT 42". COORDINATE LOCATION WITH ARCH ELEVATIONS, EQUIPMENT REQUIREMENTS AND MILLWORK DETAILS.</p> <p>□ 120/208V 1ϕ OUTLET, PROVIDE SO CORD AND PLUG</p> <p>□ SIMPLEX OUTLET</p> <p>□ J-BOX</p> <p>□ CIRCUIT, HASH MARKS INDICATE # OF WIRES IF GREATER THAN 2. LONG MARKS ARE SWITCHED OR HOT, SHORT ARE NEUTRAL.</p> <p>□ CIRCUIT HOMERUN</p> | <p>□ MOTOR LOAD</p> <p>□ DISCONNECT SWITCH, F=FUSED OTHERWISE NON FUSED, DISCONNECT SIZED TO MATCH OR EXCEED CIRCUIT SIZE.</p> <p>□ COMBINATION STARTER DISCONNECT</p> <p>□ COORDINATE SIZE WITH EQUIPMENT FURNISHED</p> <p>□ PANELBOARD, SURFACE MOUNTED IN MECH ROOMS AND OTHER UNFINISHED AREAS, SEE SCHEDULES.</p> <p>□ DATA OUTLET, DUAL RJ-45 OUTLET W/ COVERPLATE AND 1" C AND CAT-6 DATA CABLE IN GREEN JACKET TO TELEPHONE BOARD AT COMM ROOM.</p> <p>□ TELEPHONE/DATA OUTLET, DUAL RJ-45 OUTLET W/ COVERPLATE AND 1" C WITH CAT-6 DATA CABLE IN GREEN JACKET AND CAT-6 TELEPHONE CABLE IN GRAY JACKET TO TELEPHONE BOARD AT COMM ROOM.</p> <p>□ CATV OUTLET, PROVIDE F-TYPE COAX CONNECTOR IN COMMON BOX WITH 120V OUTLET. PROVIDE DOUBLE GANG BOX WITH DIVIDER AND DUAL COVERPLATE. PROVIDE 1" C AND COAX CABLE TO TELEPHONE BOARD AT COMM ROOM.</p> <p>NOTES:</p> <ol style="list-style-type: none"> VERIFY ALL OUTLET LOCATION WITH MILLWORK DRAWINGS. IF NO SUBLETTER ON SWITCHES OR FIXTURES IS INDICATED, ALL FIXTURES IN ROOM ARE SWITCHED TOGETHER. MULTIPLE SWITCHING IS INDICATED BY 2 SUBLETTERS AT FIXTURES. OR BY SWITCH-LEG. CONCEAL CONDUITS IN ALL AREAS WITH FINISHED WALLS OR CEILINGS, EXCEPT FOR COOLERS, MECHANICAL, BOILER, TELEPHONE, AND ELECTRICAL ROOMS. CONCEAL CONDUITS IN THESE AREAS WHERE PRACTICAL. MOUNT SWITCHES AND CONTROLS AT 48" AFF AND OUTLETS AT 18" AFF IN COMPLIANCE WITH TAS/ADA REQUIREMENTS UNLESS NOTED OTHERWISE. PROVIDE VAPOR SEAL INSIDE AND OUT OF ALL CONDUIT PENETRATIONS THROUGH COOLER PANELS. USE PVC NIPPLE FOR THERMAL BREAK AT PENETRATION. <p>CIRCUIT FOR DEVICE INDICATED</p> <p>SUBLETTER INDICATES SWITCH CONTROLLING FIXTURE</p> <p>PANEL FOR ALL DEVICES IN ROOM</p> <p>PANEL AND CIRCUIT FOR DEVICE INDICATED</p> |
|---|---|

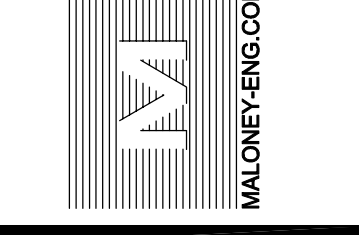


DRAWING COORDINATION
Architectural, Landscape, Civil, Structural, Mechanical and Electrical drawings are interrelated. General Contractor and all Sub Contractors shall review and coordinate the entire set of drawings and specifications.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY G.G. MALONEY, JR., P.E. 63180 ON MAR 17, 2023. ALTERATION OF SEALED DOCUMENTS WITHOUT PROPER NOTIFICATION OF THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.



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ELECTRICAL SCHEDULES
Lion & Rose Restaurant
23110 West I-10
Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|---------|-------------|----|
| 4/17/23 | MEP CHANGES | |

SCALE:
AS NOTED

PROJECT NO.
05-05-22

SHEET NO.
E3.1

| PANEL MDP SURFACE NEMA 3R | | | | | | | | | | |
|--|-------------|------------------|------------|-------|----|-------|------------|------------------|-------------|-----------|
| LOAD CONT | LOAD N-CONT | LOCATION | CKT DEVICE | CKT # | PH | CKT # | CKT DEVICE | LOCATION | LOAD N-CONT | LOAD CONT |
| 53,184 | | PANEL MP | 3 P 200 | 1 | A | 2 | 3 P 200 | PANEL A / B | 53,184 | |
| | 33,850 | PANEL K1 | 3 P 150 | 7 | A | 8 | 3 P 200 | PANEL K2 | | 54,196 |
| | | SPACE | 3 P | 13 | A | 14 | 3 P | SPACE | | |
| | | FUTURE EV CHARGE | 3 P | 19 | A | 20 | 3 P | FUTURE EV CHARGE | | |
| 540 PANEL AMPERES PANEL VOLTAGE 120/208, 3PH, 4W 800A MCB 800 PANEL MINIMUM BUS SIZE 10,000 AIC | | | | | | | | | | |
| PANEL CONTINUOUS KVA 194 PANEL NON-CONTINUOUS KVA | | | | | | | | | | |

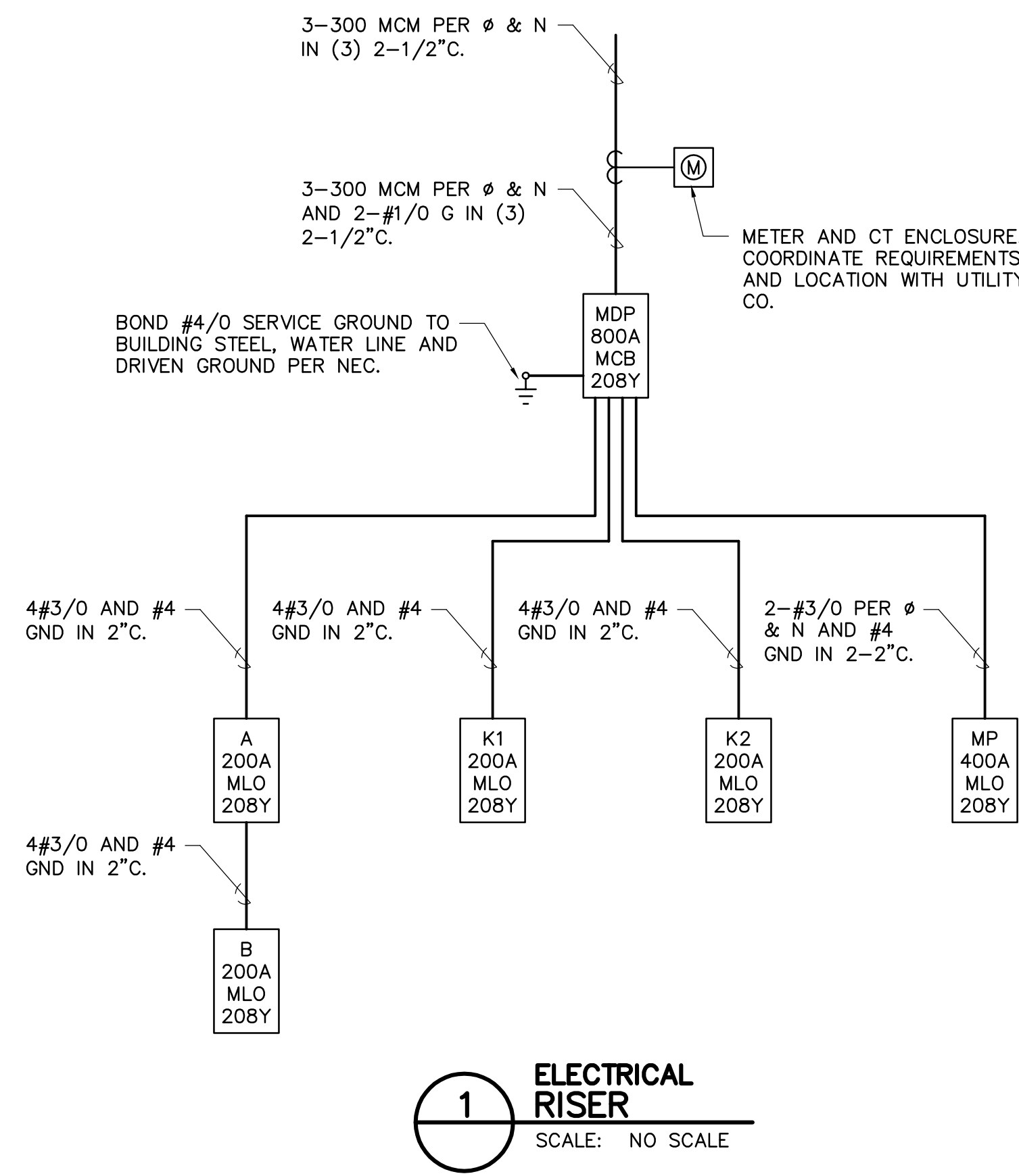
| PANEL MP SURFACE NEMA 3R | | | | | | | | | | |
|--|-------------|----------|------------|--------|----|-------|------------|---------------|-------------|-----------|
| LOAD CONT | LOAD N-CONT | LOCATION | CKT DEVICE | CKT # | PH | CKT # | CKT DEVICE | LOCATION | LOAD N-CONT | LOAD CONT |
| 15,131 | | RTU - 1 | 3 P 70 | 1 | A | 2 | 3 P 80 | RTU - 2 | | 17,293 |
| | 11,168 | RTU - 3 | 3 P 50 | 7 | A | 8 | 3 P 125 | RTU - 4 | | 34,946 |
| | | SPACE | 3 P | 13 | A | 14 | 2 P 70 | PATIO BAR WH1 | | 14,000 |
| | | 24,900 | DISH WSHR | 3 P 70 | 19 | A | 20 | 3 P 60 | DW BOOSTER | 20,400 |
| | | 2,071 | SF - 1 | 3 P 20 | 25 | A | 26 | 3 P 20 | SF - 2 | 3,824 |
| | 1,587 | EF - 1 | 1 P 25 | 31 | A | 32 | 1 P 25 | EF - 2 | 1,587 | |
| | 1,840 | EF - 3 | 2 P 20 | 33 | B | 34 | 2 P 20 | EF - 4 | 1,840 | |
| 393 PANEL AMPERES PANEL VOLTAGE 120/208, 3PH, 4W 400A MLO 400 PANEL MINIMUM BUS SIZE 10,000 AIC | | | | | | | | | | |
| 91 PANEL CONTINUOUS KVA 59 PANEL NON-CONTINUOUS KVA | | | | | | | | | | |

| PANEL A RECESSED | | | | | | | | | | |
|--|-------------|-----------------|------------|-------|----|-------|------------|------------------|-------------|-----------|
| LOAD CONT | LOAD N-CONT | LOCATION | CKT DEVICE | CKT # | PH | CKT # | CKT DEVICE | LOCATION | LOAD N-CONT | LOAD CONT |
| 1,000 | | KITCHEN LIGHTS | 1 P 20 | 1 | A | 2 | 1 P 20 | LIGHTS | | 600 |
| 500 | | DINING LIGHTS | 1 P 20 | 3 | B | 4 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 5 | C | 6 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 7 | A | 8 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 9 | B | 10 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 11 | C | 12 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 13 | A | 14 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 15 | B | 16 | 1 P 20 | DINING LIGHTS | | 500 |
| 500 | | DINING LIGHTS | 1 P 20 | 17 | C | 18 | 1 P 20 | CEILING FANS | | 200 |
| | | SPACE | 1 P | 19 | A | 20 | 1 P 20 | PATIO BAR LIGHTS | | 500 |
| 500 | | PATIO LIGHTS | 1 P 20 | 21 | B | 22 | 1 P 20 | PATIO FANS | | 500 |
| 500 | | STRING LIGHTS | 1 P 20 | 23 | C | 24 | 1 P 20 | STRING LIGHTS | | 500 |
| 500 | | BUILDING LIGHTS | 1 P 20 | 25 | A | 26 | 1 P 20 | PARKING LIGHTS | | 500 |
| 1,000 | | POLE SIGN | 1 P 20 | 27 | B | 28 | 1 P 20 | SHADES | 500 | |
| | | BLINDS | 1 P 20 | 29 | C | 30 | 1 P | SPACE | | |
| | | SPACE | 1 P | 31 | A | 32 | 1 P | SPACE | | |
| | | SPACE | 1 P | 33 | B | 34 | 1 P | SPACE | | |
| | | SPACE | 1 P | 35 | C | 36 | 1 P | SPACE | | |
| | | SPACE | 1 P | 37 | A | 38 | 1 P | SPACE | | |
| | | SPACE | 1 P | 39 | B | 40 | 1 P | SPACE | | |
| | | SPACE | 1 P | 41 | C | 42 | 1 P | SPACE | | |
| 148 PANEL AMPERES PANEL VOLTAGE 120/208, 3PH, 4W 200A MLO 200 PANEL MINIMUM BUS SIZE 10,000 AIC | | | | | | | | | | |
| 1 PANEL CONTINUOUS KVA 66 PANEL NON-CONTINUOUS KVA | | | | | | | | | | |

| PANEL B RECESSED | | | | | | | | | | |
|--|-------------|--------------------|------------|-------|----|-------|------------|---------------------|-------------|-----------|
| LOAD CONT | LOAD N-CONT | LOCATION | CKT DEVICE | CKT # | PH | CKT # | CKT DEVICE | LOCATION | LOAD N-CONT | LOAD CONT |
| 360 | | BAR TV RECEPTACLE | 1 P 20 | 1 | A | 2 | 1 P | BAR PROJECTOR TV | | 540 |
| | 1,080 | BAR TV RECEPTACLE | 1 P 20 | 3 | B | 4 | 1 P 20 | BAR TV RECEPTACLE | | 540 |
| | | BAR TV RECEPTACLE | 1 P 20 | 5 | C | 6 | 1 P 20 | BAR USD RECEPTACLE | | 1,080 |
| | | BAR POS RECEPTACLE | 1 P 20 | 7 | A | 8 | 1 P 20 | IT RECEPTACLE | | 720 |
| | | TR DISPENSERS | 1 P 20 | 9 | B | 10 | 1 P 20 | IT RECEPTACLE | | 720 |
| | | RECEPTACLES | 1 P 20 | 11 | C | 12 | 1 P 20 | IT RECEPTACLE | | 720 |
| | | PROJECTOR TV | 1 P 20 | 13 | A | 14 | 1 P 20 | TV RECEPTACLES | | 540 |
| | | TV RECEPTACLES | 1 P 20 | 15 | B | 16 | 1 P 20 | TV RECEPTACLES | | 540 |
| | | RECEPTACLES | 1 P 20 | 17 | C | 18 | 1 P 20 | TV RECEPTACLES | | 540 |
| | | RECEPTACLES | 1 P 20 | 19 | A | 20 | 1 P 20 | TV RECEPTACLES | | 540 |
| | | RECEPTACLES | 1 P 20 | 21 | B | 22 | 1 P 20 | TV RECEPTACLES | | 540 |
| | | DINING POS | 1 P 20 | 23 | C | 24 | 1 P 20 | FIRE PIT CONTROLS | | 500 |
| | | RECEPTACLES | 1 P 20 | 25 | A | 26 | 1 P 20 | OH DOOR | | |
| | | OH DOOR | 1 P 20 | 27 | B | 28 | 1 P 20 | TV RECEPTACLES | | 540 |
| | | PATIO BAR POS | 1 P 20 | 29 | C | 30 | 1 P 20 | FIRE PILACE CONTROL | | 500 |
| | | RECEPTACLES | 1 P 20 | 31 | A | 32 | 1 P 20 | WATER HEATER | | 600 |
| | | WATER HEATER | 1 P 20 | 33 | B | 34 | 1 P 20 | OFFICE RECEPTACLES | | 720 |
| | | OFFICE RECEPTACLES | 1 P 20 | 35 | C | 36 | 1 P | SPARE | | |
| | | SPARE | 1 P | 37 | A | 38 | 1 P | SPARE | | |
| | | SPARE | 1 P | 39 | B | 40 | 1 P | SPARE | | |
| | | SPARE | 1 P | 41 | C | 42 | 1 P | SPARE | | |
| 108 PANEL AMPERES PANEL VOLTAGE 120/208, 3PH, 4W 200A MLO 200 PANEL MINIMUM BUS SIZE 10,000 AIC | | | | | | | | | | |
| 1 PANEL CONTINUOUS KVA 65 PANEL NON-CONTINUOUS KVA | | | | | | | | | | |

| PANEL K1 RECESSED | | | | | | | | | | |
|---|-------------|-------------------|------------|-------|----|-------|------------|--------------------|-------------|-----------|
| LOAD CONT | LOAD N-CONT | LOCATION | CKT DEVICE | CKT # | PH | CKT # | CKT DEVICE | LOCATION | LOAD N-CONT | LOAD CONT |
| 720 | | RECEPTACLES | 1 P 20 | 1 | A | 2 | 1 P 20 | UC REFRIGERATOR | | 1,224 |
| | 1,032 | SANDWICH PREP | 1 P 20 | 3 | B | 4 | 1 P 25 | HOT WELLS | | 3,000 |
| | | GLO RAY HEATER | 1 P 20 | 5 | C | 6 | 1 P 20 | SANDWICH PREP | | 1,032 |
| | | MICROWAVE | 1 P 20 | 7 | A | 8 | 1 P 20 | RI FREEZER | | 1,320 |
| | | DRINK DISPENSER | 1 P 20 | 9 | B | 10 | 1 P 20 | COFFEE MAKER | | 1,680 |
| | | TEA MAKER | 1 P 20 | 11 | C | 12 | 1 P 20 | BAG - N - BOX | | 500 |
| | 1,680 | ICE MACHINE | 2 P 20 | 13 | A | 14 | 1 P 20 | MIXER | | 1,032 |
| | | SPACE | 1 P | 15 | B | 16 | 2 P 20 | KETTLE | | 3,000 |
| | | BATTER TABLE | 1 P 20 | 17 | C | 18 | 1 P | SPACE | | |
| | | OIL FILTER | 1 P 20 | 19 | A | 20 | 1 P 20 | BAR WARE WASH | | 1,440 |
| | | BAR BEVERAGE REFR | 1 P 20 | 21 | B | 22 | 1 P 20 | BAR BEVERAGE REFR | | 864 |
| | | BAR BEVERAGE REFR | 1 P 20 | 23 | C | 24 | 1 P 20 | PATIO BAR BEV REFR | | 864 |
| | | PATIO BAR W/WASH | 1 P 20 | 25 | A | 26 | 1 P 20 | PATIO BAR RECEPTLS | | 360 |
| | | FIRE SUPPRESSION | 1 P 20 | 27 | B | 28 | 1 P 20 | SPACE | | |
| | | SPARE | 1 P | 29 | C | 30 | 1 P 20 | BEER COOLER EVAP | | 276 |
| | | KEG COOLER EVAP | 1 P 20 | 31 | A | 32 | 2 P 20 | BEER COOLER COND | | 2,787 |
| | | KEG COOLER CONDSE | 2 P 20 | 33 | B | 34 | 1 P | SPACE | | |
| | | SPACE | 1 P | 35 | C | 36 | 2 P 20 | FREEZER EVAP | | 1,206 |
| | | COOLER EVAP/HTRS | 1 P 20 | 37 | A | 38 | 1 P | SPACE | | |
| | | COOLER CONDENSER | 2 P 20 | 39 | B | 40 | 2 P 20 | FREEZER CONDENSER | | 2,766 |
| | | SPACE | 1 P | 41 | C | 42 | 1 P | SPACE | | |
| 94 PANEL AMPERES PANEL VOLTAGE 120/208, 3PH, 4W 200A MLO 200 PANEL MINIMUM BUS SIZE 10,000 AIC | | | | | | | | | | |
| 13 PANEL CONTINUOUS KVA 30 PANEL NON-CONTINUOUS KVA | | | | | | | | | | |

| PANEL K2 RECESSED | | | | | | | | | | |
|---|-------------|------------|------------|-------|----|-------|------------|-------------|-------------|-----------|
| LOAD CONT | LOAD N-CONT | LOCATION | CKT DEVICE | CKT # | PH | CKT # | CKT DEVICE | LOCATION | LOAD N-CONT | LOAD CONT |
| 1,920 | | SMOKER | 1 P 20 | 1 | A | 2 | 1 P 20 | SHORTY REFR | | 1,236 |
| | | RANGE | 1 P 20 | 3 | B | 4 | 1 P 20 | SHORTY REFR | | 1,236 |
| | | RANGE | 1 P 20 | 5 | C | 6 | 1 P | SPARE | | |
| | | PIZZA OVEN | 3 P 100 | 7 | A | 8 | 3 P 100 | PIZZA OVEN | | 20,000 |
| | | SPACE | 1 P | 9 | B | 10 | 1 P | SPACE | | |
| | | SPACE | 1 P | 11 | C | 12 | 1 P | SPACE | | |
| | | CLAM SHELL | 3 P 20 | 13 | A | 14 | 1 P 20 | HOOD LIGHTS | | 1,000 |
| | | SPACE | 1 P | 15 | B | 16 | 1 P 20 | HOOD LIGHTS | | 1,000 |
| | | SPACE | 1 P | 17 | C | 18 | 1 P | SPACE | | |
| | | SPACE | 1 P | 19 | A | 20 | 1 P | SPACE | | |
| | | SPACE | 1 P | 21 | B | 22 | 1 P | SPACE | | |
| | | SPACE | 1 P | 23 | C | 24 | 1 P | SPACE | | |
| | | SPACE | 1 P | 25 | A | 26 | 1 P | SPACE | | |
| | | SPACE | 1 P | 27 | B | 28 | 1 P | SPACE | | |
| | | SPACE | 1 P | 29 | C | 30 | 1 P | SPACE | | |
| | | SPACE | 1 P | 31 | A | 32 | 1 P | SPACE | | |
| | | SPACE | 1 P | 33 | B | 34 | 1 P | SPACE | | |
| | | SPACE | 1 P | 35 | C | 36 | 1 P | SPACE | | |
| | | SPACE | 1 P | 37 | A | 38 | 1 P | SPACE | | |
| | | SPACE | 1 P | 39 | B | 40 | 1 P | SPACE | | |
| | | SPACE | 1 P | 41 | C | 42 | 1 P | SPACE | | |
| 150 PANEL AMPERES PANEL VOLTAGE 120/208, 3PH, 4W 200A ST/MCB 200 PANEL MINIMUM BUS SIZE 10,000 AIC | | | | | | | | | | |
| PANEL CONTINUOUS KVA 94 PANEL NON-CONTINUOUS KVA SHUNT TRIP MAIN BREAKER | | | | | | | | | | |



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17 March 2023
SEAL OF THE STATE OF TEXAS
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ELECTRICAL RISER AND SCHEDULES
Lion & Rose Restaurant
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Lot 3 Dominion Creek
San Antonio, Texas 78257

| DATE | DESCRIPTION | BY |
|---------|-------------|----|
| 4/17/23 | MEP CHANGES | |

SCALE: AS NOTED

PROJECT NO. 05-05-22

SHEET NO. **E3.2**