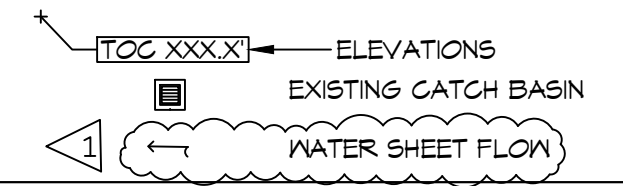


DRAINAGE & UTILITY SITE PLAN
SCALE: 1" = 10'-0"

DRAINAGE NOTES

1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM.
2. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG AND SHALL SLOPE TOWARDS EXISTING DITCHES AND CULVERTS.

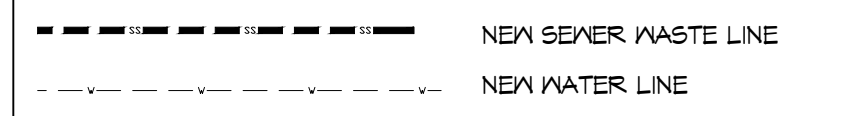
DRAINAGE LEGEND



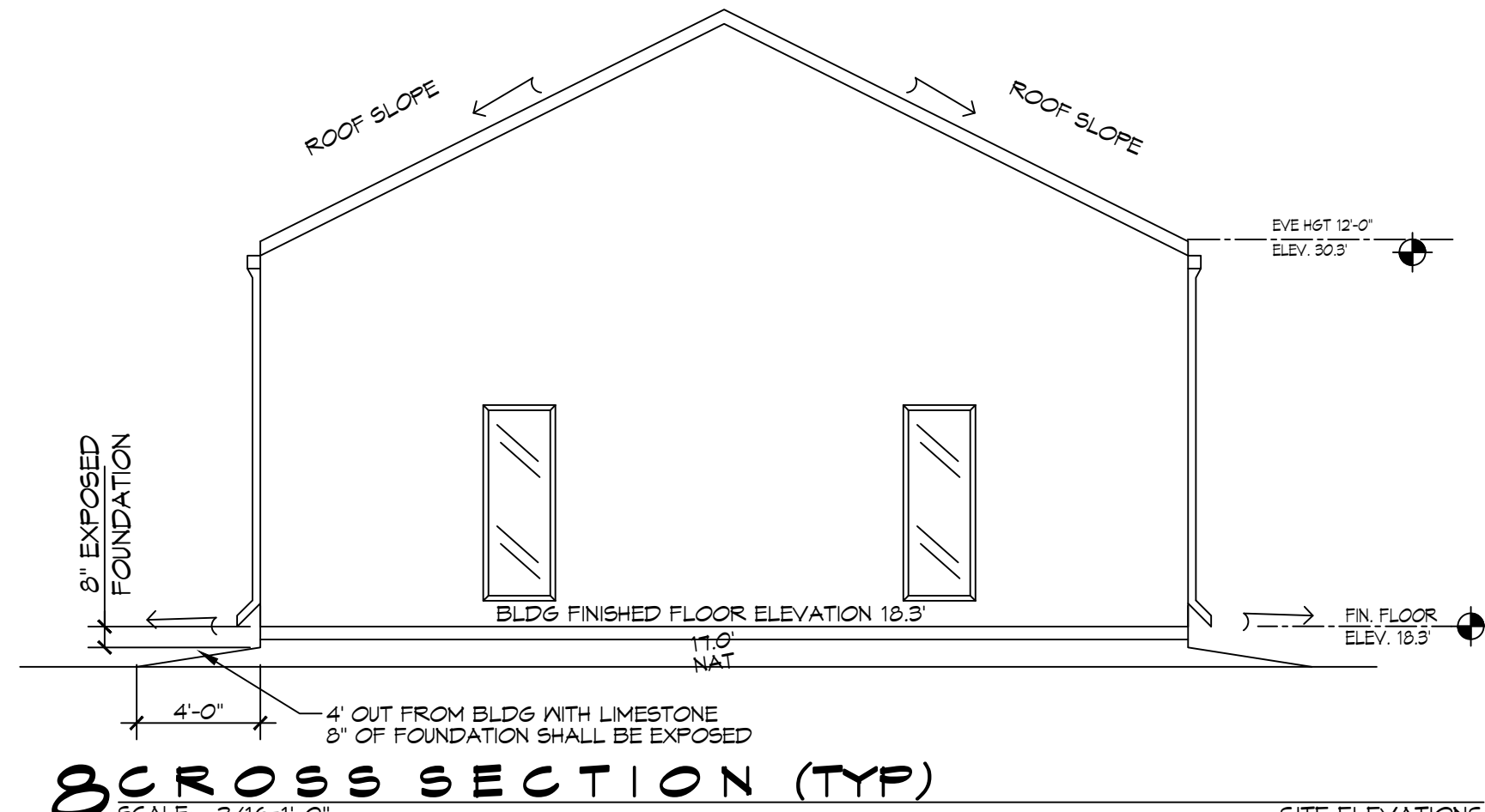
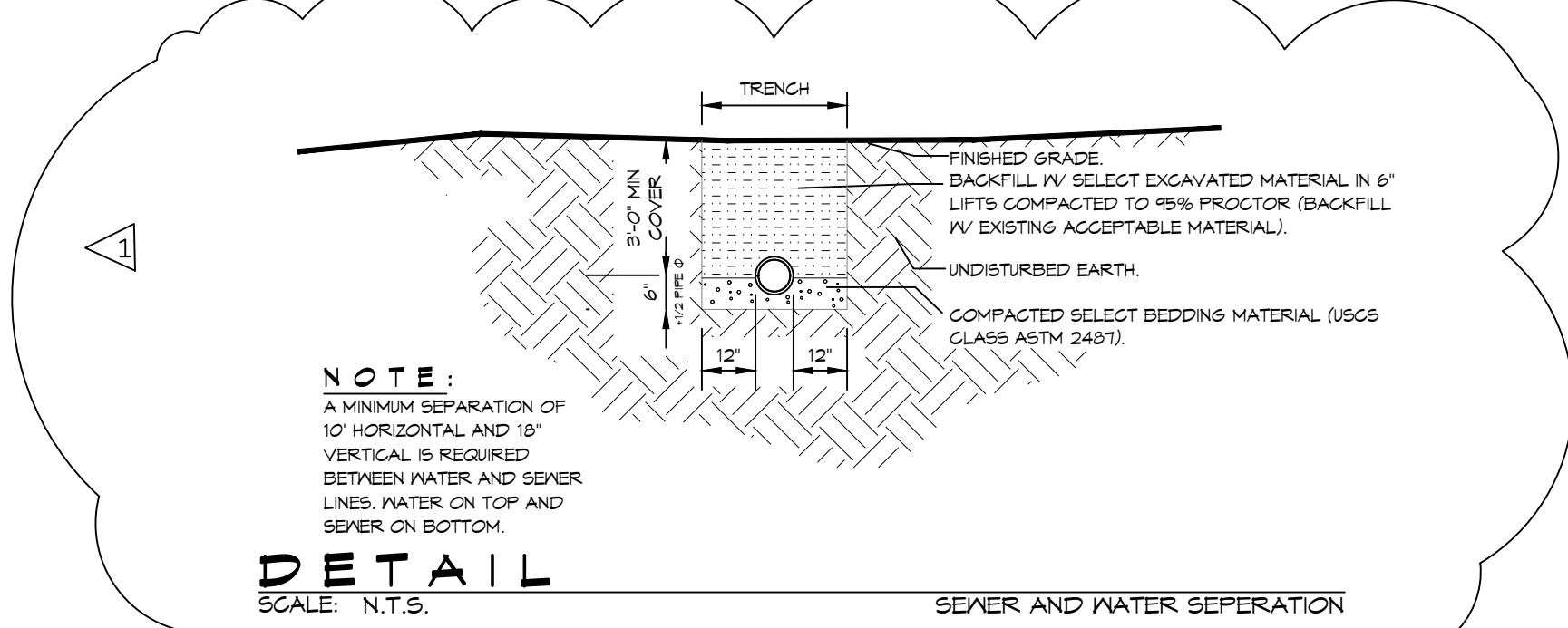
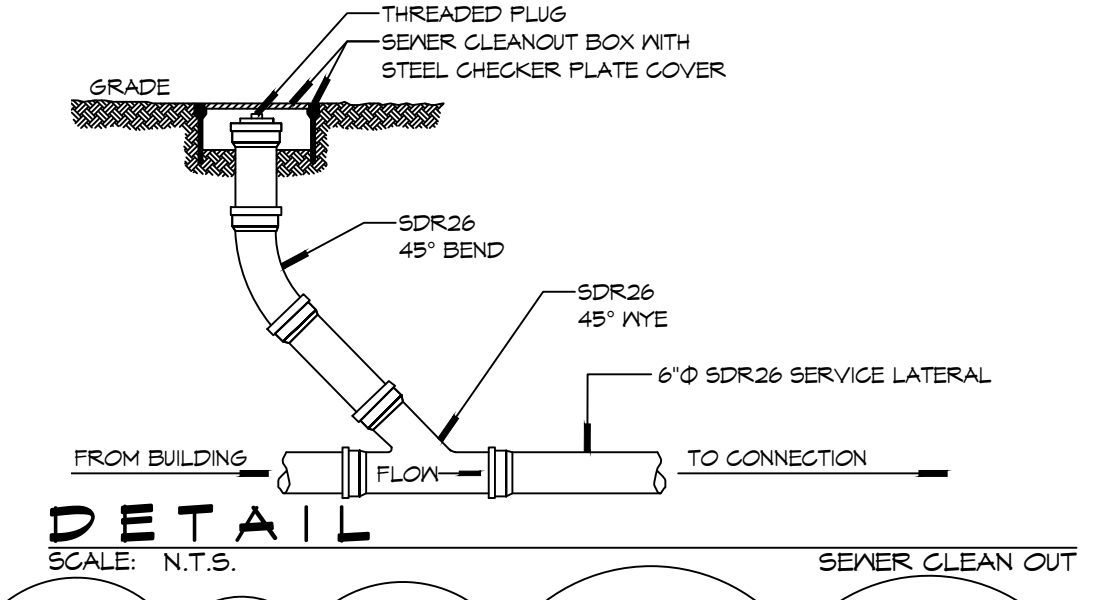
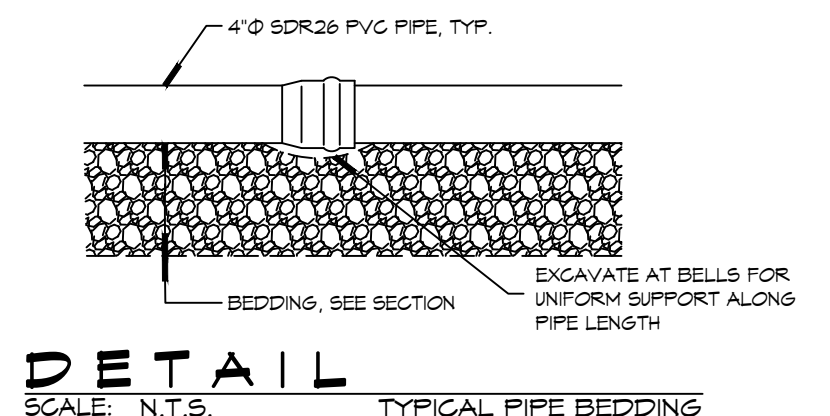
GENERAL SITE NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS, AND INVERTS PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
2. CONTRACTOR TO BE RESPONSIBLE TO VERIFY ANY INVERTS AND SET NEW INVERTS OF SEWAGE AND DRAINAGE PIPES.
3. ALL WORK AND MATERIAL TO COMPLY STRICTLY TO THE LATEST LOCAL CITY PARISH, STATE, AND NATIONAL GOVERNING CODES.
4. SEWAGE LINES 3" AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES THAT ARE 4" AND LARGER SHALL BE SLOPED 1/8" PER FOOT.
5. CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL PRIOR TO COMMENCEMENT OF SITE EXCAVATION.
6. CONTACT CITY OF SLIDELL PUBLIC UTILITY DEPARTMENT FOR TAPS. (985-646-4291)

SITE UTILITIES LEGEND



NOTE:
ALL PLUMBING IS DRAWN
DIAGMATICALLY FOR
CLARITY



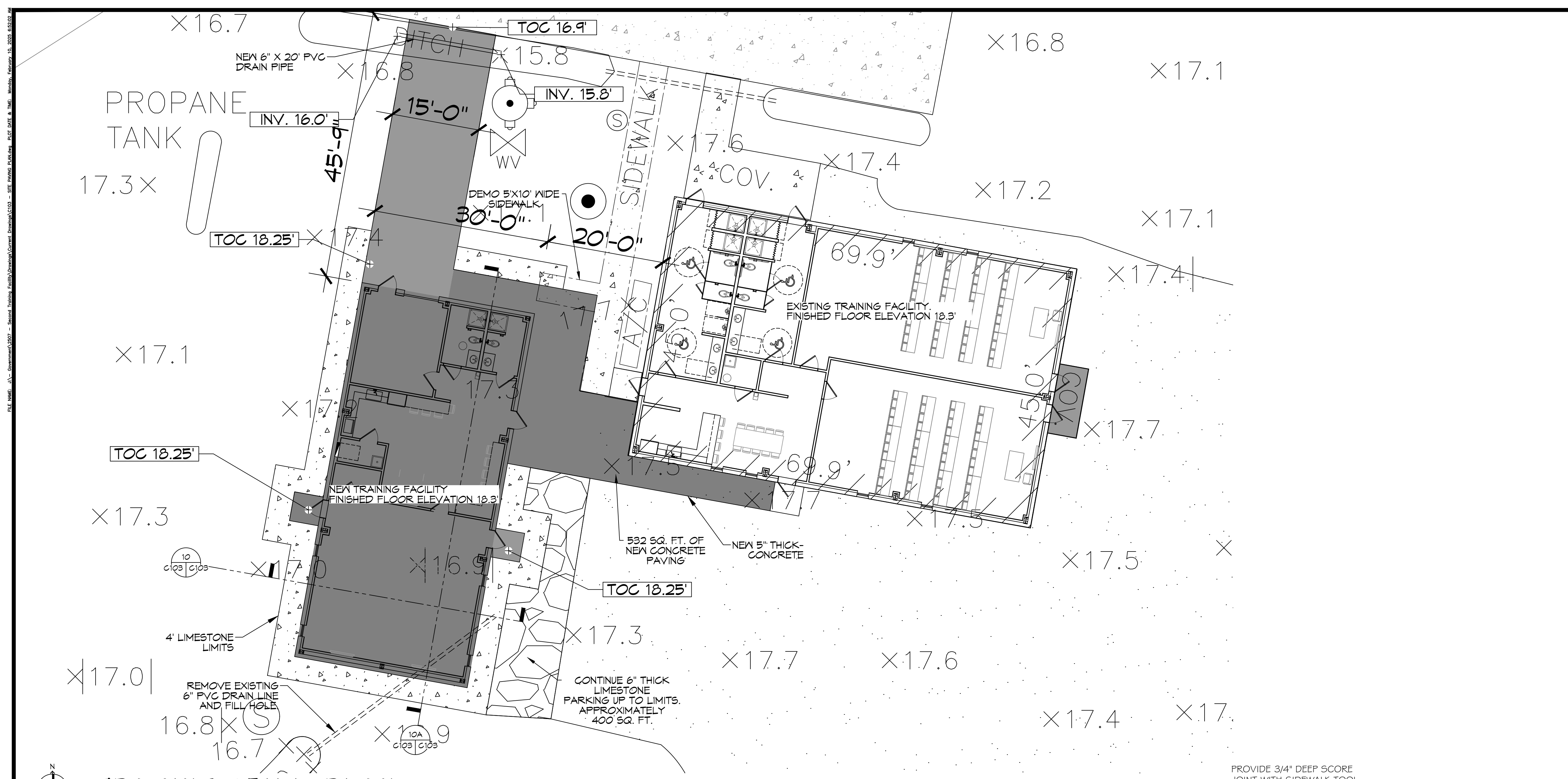
DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
Chief Engineer: Brian Mistich, PE
www.dammonengineering.com
info@dammonengineering.com
554 Old Spanish Trail
Slidell, LA 70468
PH: 985.649.3532

#	DESCRIPTION	DATE
1	NOTE FOR SEWER AND WATER DISTANCE	5-27-25

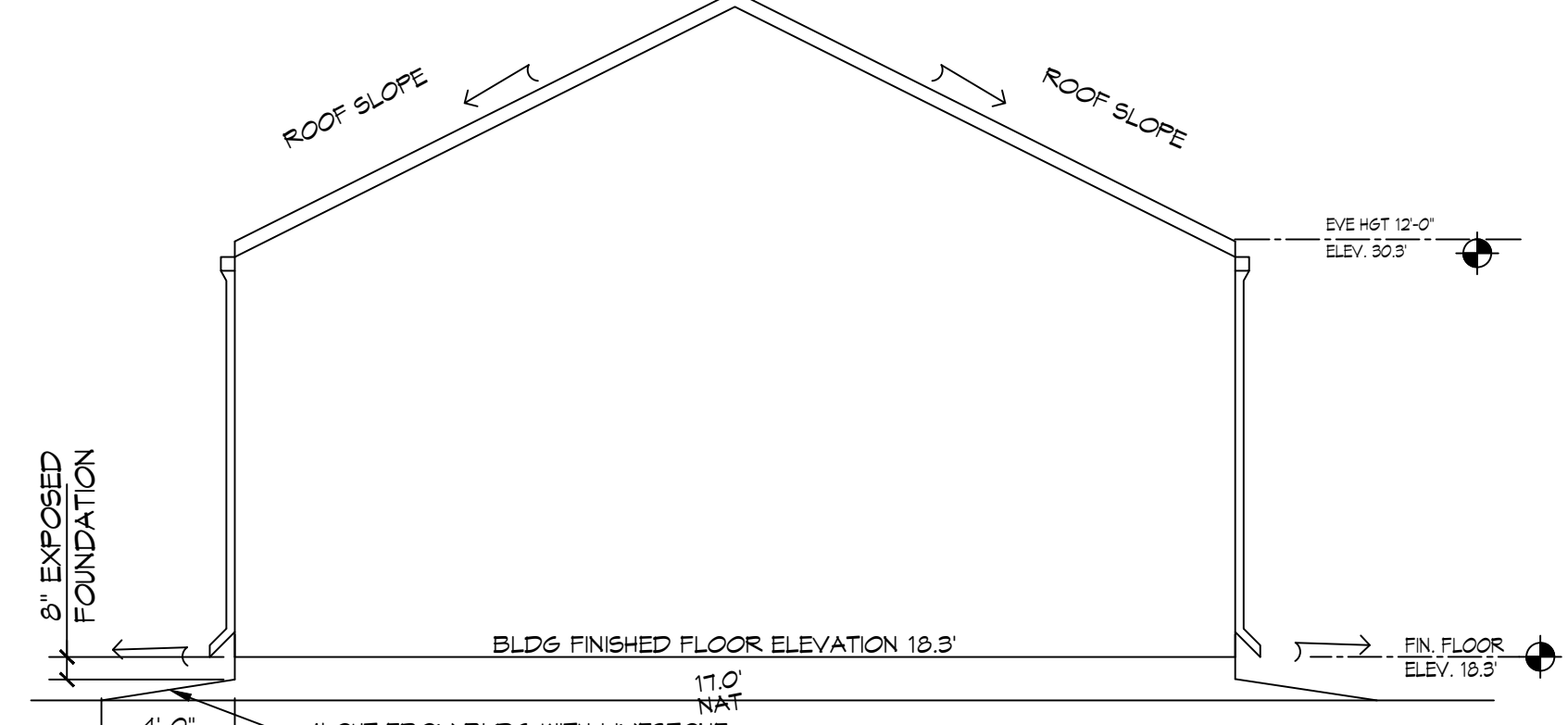


NEW TRAINING FACILITY
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
94180 S RANGE ROAD
SLIDELL, LA 70460
JOB No: 25071 DATE: 02-10-2025
DRAWN BY: BAW
C&D CHECKED BY:

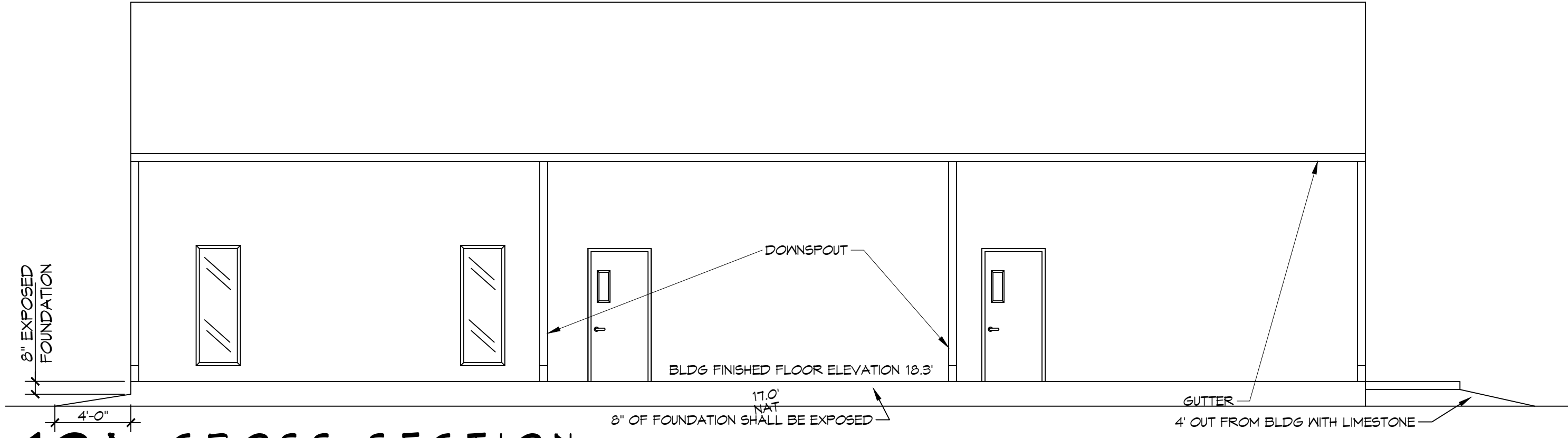
SHEET TITLE:
DRAINAGE & UTILITY SITE PLAN
DRAWING NUMBER:
C102
SHEET No: 4 of 15



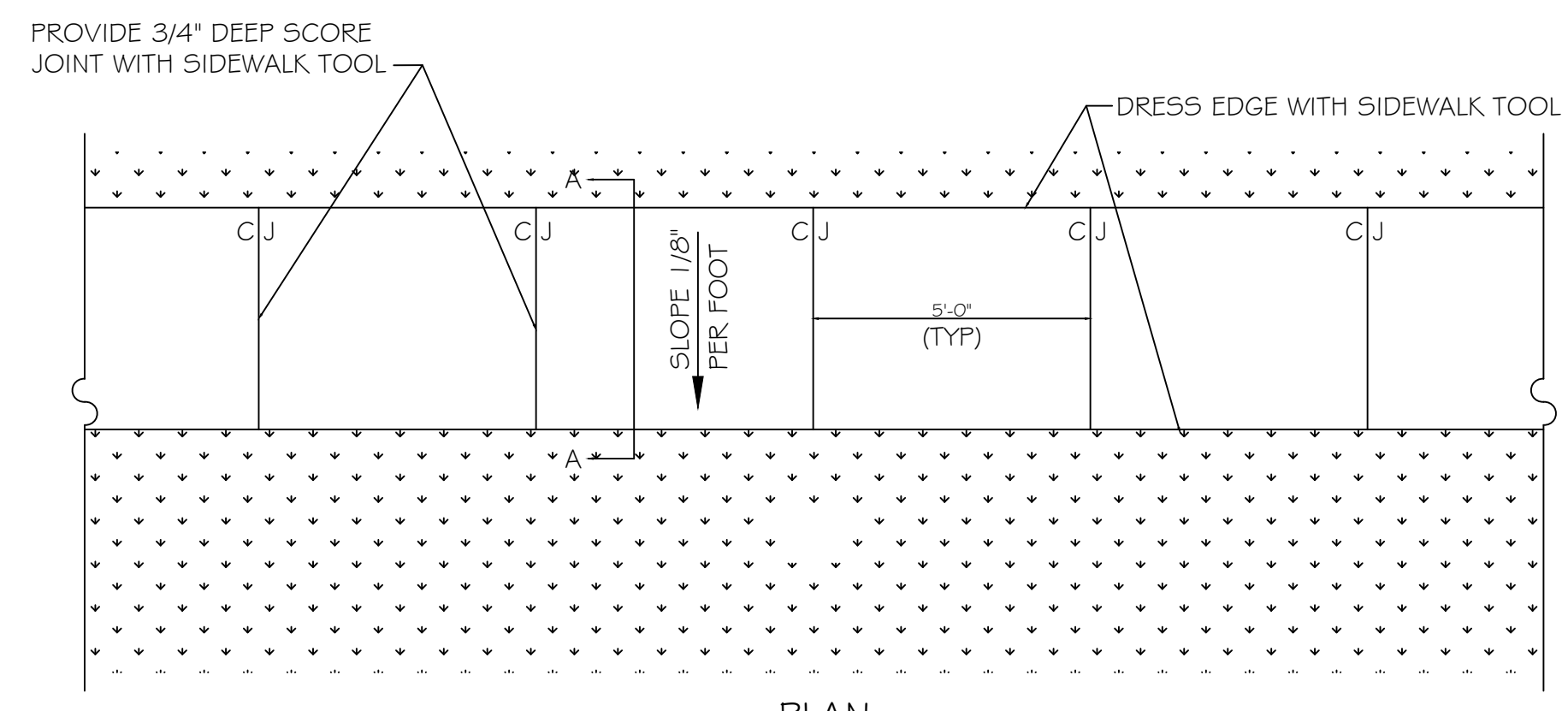
PAVING & FILL PLAN
SCALE: 1" = 10'-0"



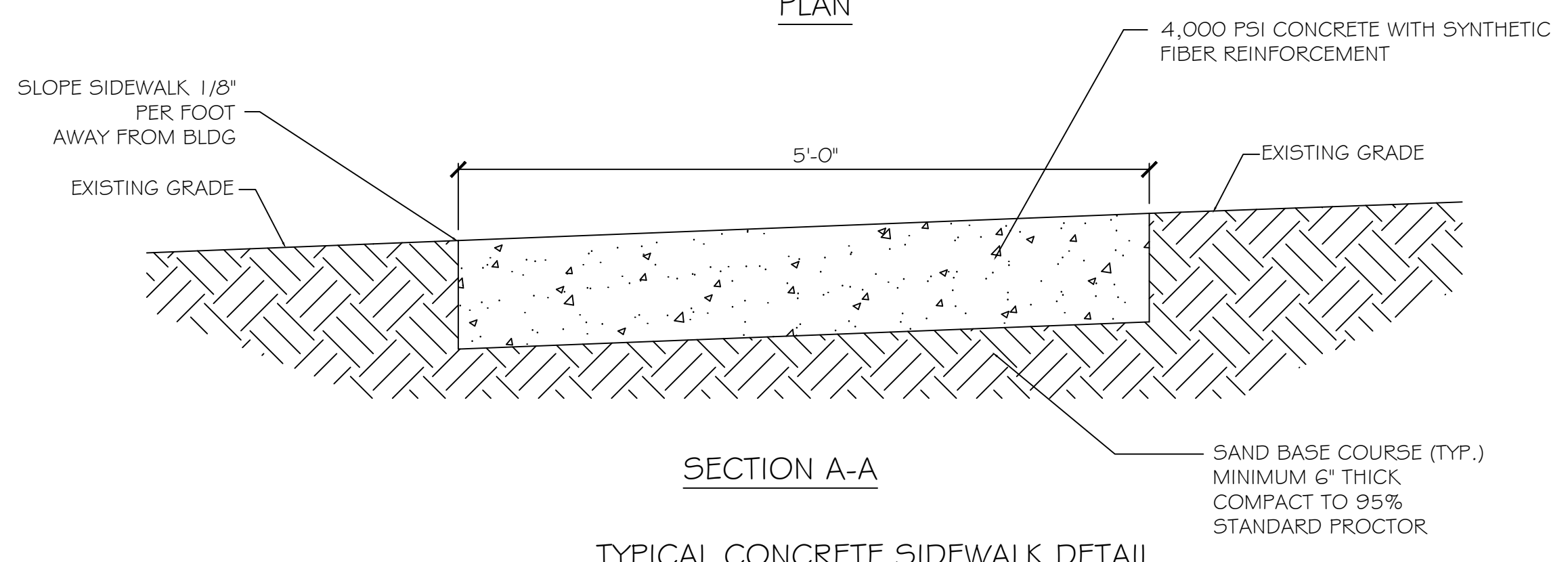
10 CROSS SECTION
SCALE: 3/16" = 1'-0"



10A CROSS SECTION
SCALE: 3/16" = 1'-0"



PLAN



SECTION A-A

TYPICAL CONCRETE SIDEWALK DETAIL
N.T.S.

GENERAL SIDEWALK NOTES

SIDEWALKS = 5" THICKNESS (INDICATED WITH CROSS MIX FOR ONE CUBIC YARD OF FIBER-REINFORCED CONCRETE:
 28 DAY STRENGTH 4000 PSI
 CEMENT (ASTM C-150, TYPE I/II) 4.64 SACKS (436 LBS.)
 FLY ASH (ASTM C-618) 1.16 SACKS (109 LBS.)
 GRAVEL (ASTM C-33, GRADE A) 1775 LBS.
 SAND (ASTM C-33) 1226 LBS.
 WATER (POTABLE) 30 GALLONS (250 LBS.)
 TYPE A WATER REDUCER (ASTM C-494) 16.35 LBS.
 AIR ENTRAINMENT 5% BY VOLUME, USE PER MANUFACTURER'S SPECIFICATIONS
 FIBER REINFORCEMENT 1.5 LBS./CY MICROFIBERS, AS SPECIFIED BELOW

FIBER REINFORCEMENT FOR CONCRETE SIDEWALKS SHALL BE MATRIX MONOFILAMENT MICROFIBER AS MANUFACTURED BY FRG INDUSTRIES OR APPROVED EQUAL, APPLIED THROUGHOUT THE CONCRETE MIXTURE. ALTERNATE PRODUCTS MUST BE PREAPPROVED BY THE ENGINEER IN WRITING. CELLULOSE (TREATED OR UNTREATED), AR GLASS, NYLON AND POLYESTER FIBERS ARE SPECIFICALLY PROHIBITED FROM USE.

CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, AND EQUIPMENT NEEDED TO CONSTRUCT WALKWAYS AND PAVES.

PAVING LEGEND

- TOP OF CONCRETE ELEVATION
- EXISTING CATCH BASIN
- EXISTING TOPO

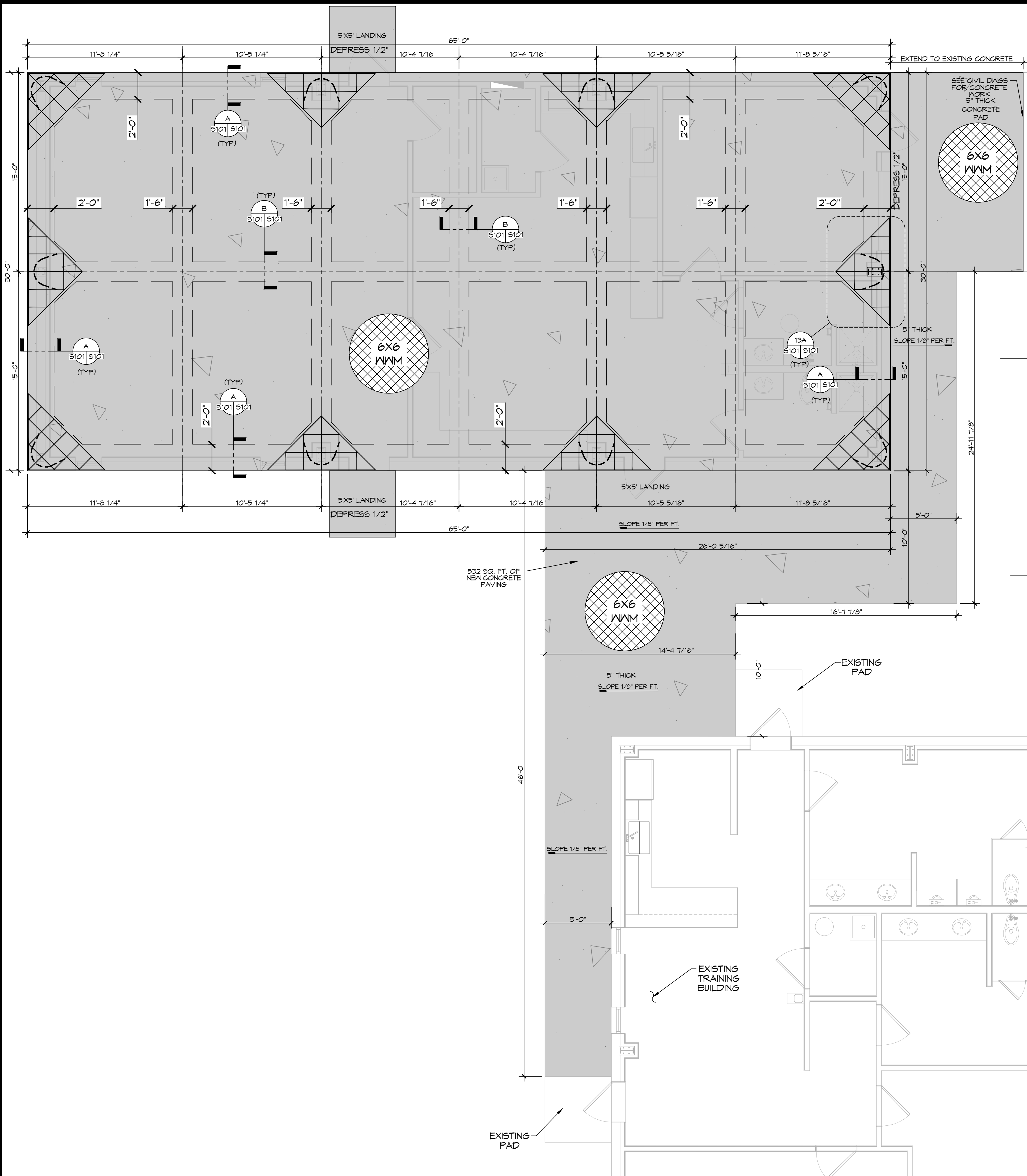
DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian A. Mistich, PE
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 Slidell, LA 70468
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 info@dammonengineering.com
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#	DESCRIPTION	DATE

SEAL:

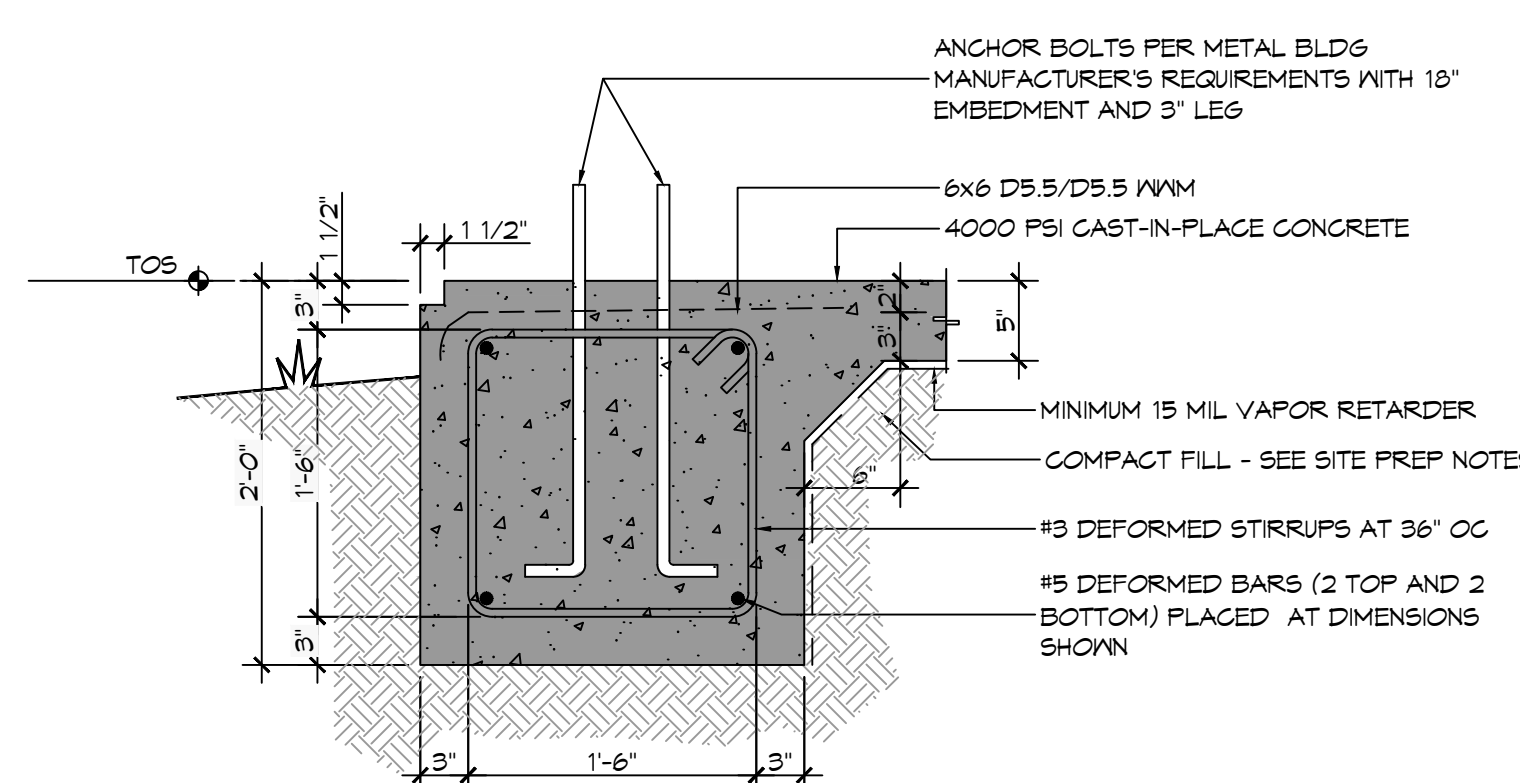
NEW TRAINING FACILITY
 ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 94180 S RANGE ROAD
 SLIDELL, LA 70460
 JOB No: 25071 DATE: 02-10-2025
 DRAWN BY: BAW
 C&D CHECKED BY:

SHEET TITLE:
 PAVING & FILL PLAN
 DRAWING NUMBER:
C103
 SHEET No: 5 of 15

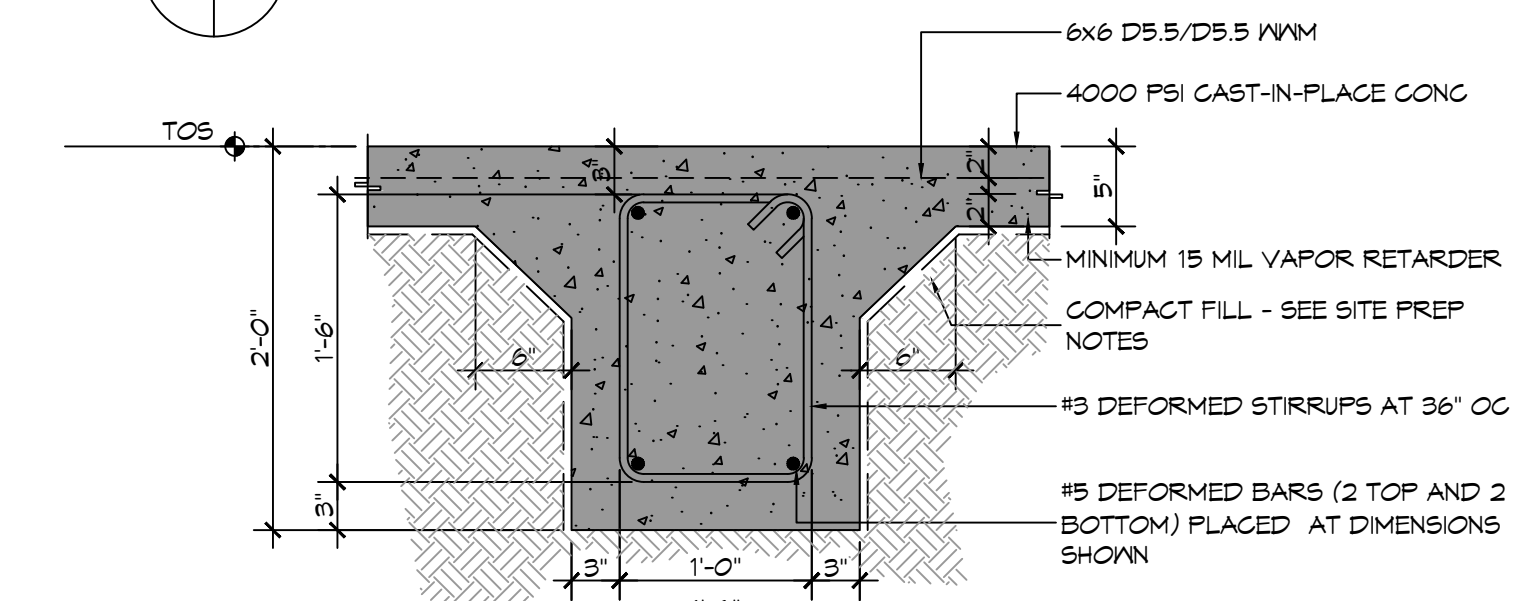


GENERAL FOUNDATION NOTES

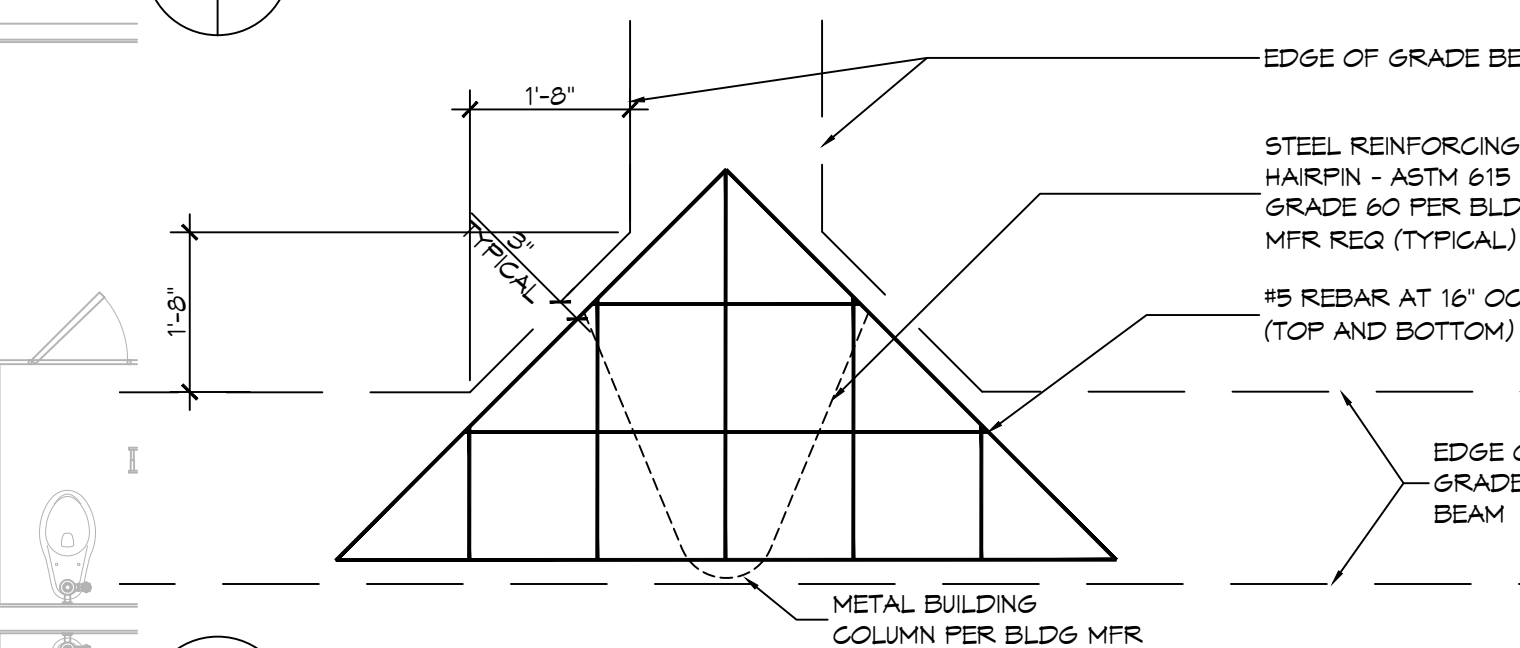
1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH AC-318.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).
3. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL STRENGTH; ASTM E1145 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP ECO-SHIELD-E 15 MIL. BY EPRO OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
4. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
5. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
6. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS & ELECTRICAL ROUGH-IN LOCATIONS.
7. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
8. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6' LIFTS.
9. A MINIMUM OF 5' CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
10. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
11. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
12. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
13. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
14. TREAT SOIL BELOW SLAB FOR TERMITES.



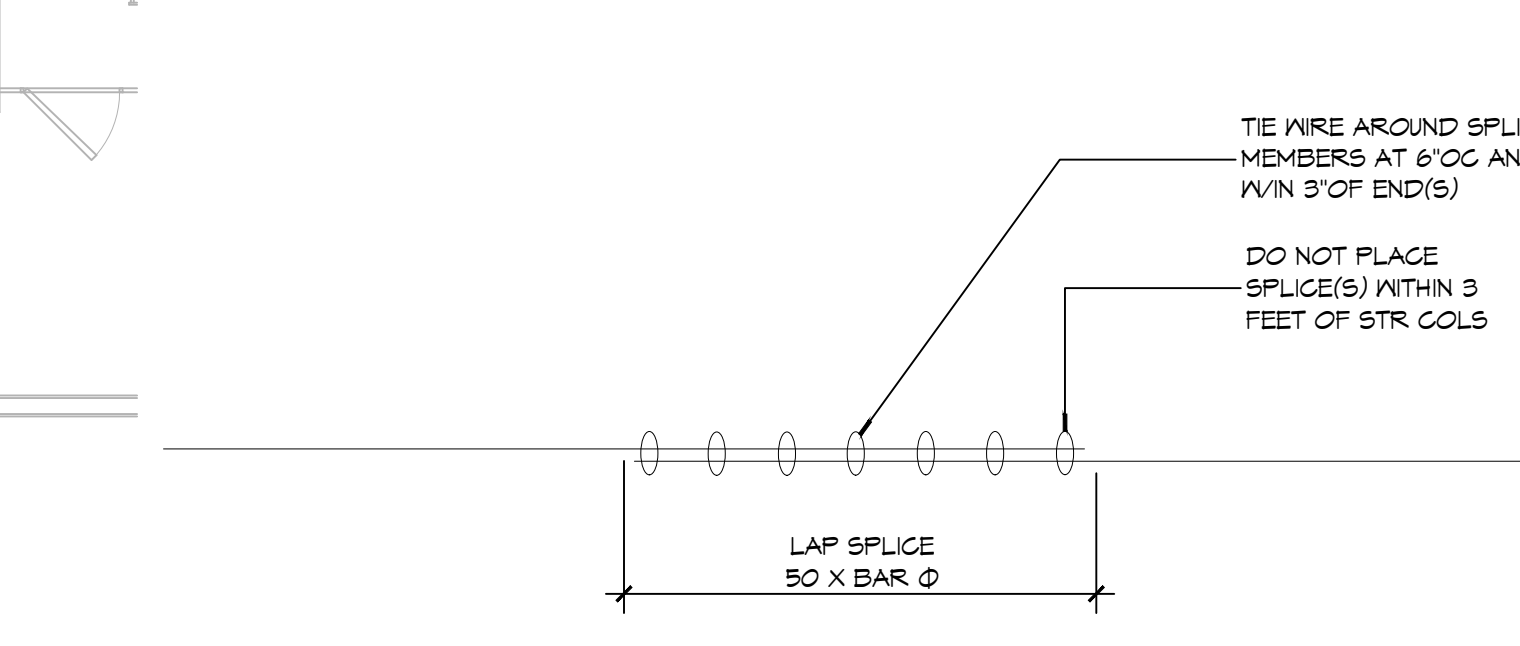
A SECTION
SCALE: 1" = 1'-0"



B SECTION
SCALE: 1" = 1'-0"



13A DETAIL
SCALE: 1/2" = 1'-0"



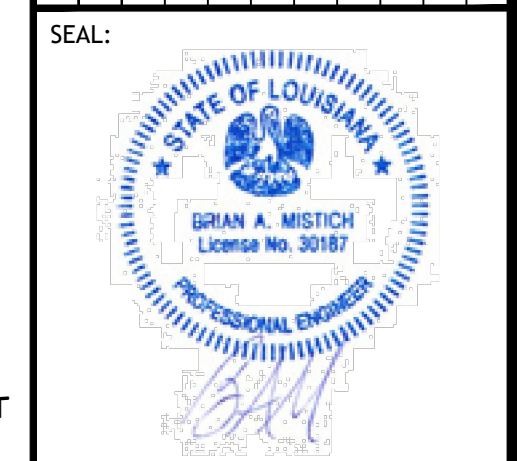
C DETAIL
SCALE: 1" = 1'-0"

GENERAL SITEPREP NOTES

1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 8 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AREA SHALL BE PROOF-ROLLED WITH A RUBBER TIRE VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL. MUCK OUT AND FILL 24" MINIMUM.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (4) FEET BEYOND THE PERIMETER OF THE BUILDING SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

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PH: 985.649.9532

REVISIONS	DATE	DESCRIPTION



**NEW TRAINING FACILITY
ST. TAMMANY FIRE PROTECTION
DISTRICT NO. 1**

34780 S RANGE ROAD
SLIDELL, LA 70460

JOB No: 25071 DATE: 02-10-2025
DRAWN BY: BAW
CHECKED BY: BAW

SHEET TITLE:
FOUNDATION PLAN

DRAWING NUMBER:
S101

SHEET No: 7 of 15

FINISH SCHEDULE

ROOM	FLOOR	BASE	WALLS				CEILING	NOTES
			NORTH	EAST	SOUTH	WEST		
CLASSROOM #3	6" MILE STONE PLANKS	6" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	2X2 LAYIN TILE	
WARMING KITCHEN			5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	2X2 LAYIN TILE	
UTILITY CLOSET			5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	PAINT WALLS WITH TWO PART EPOXY
CLOSET			5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	
BREAKROOM			5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	2X2 LAYIN TILE	
WOMENS TOILET			5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	PAINT WALLS WITH TWO PART EPOXY
MENS TOILET			5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	PAINT WALLS WITH TWO PART EPOXY
GEAR ROOM	PAINTED CONCRETE	N/A	5/8" TREATED PLYWOOD	5/8" TREATED PLYWOOD	5/8" TREATED PLYWOOD	5/8" TREATED PLYWOOD	5/8" MR GNB	1X4 TRIM AROUND CEILING TO WALL. 1X6 BASE TRIM (GAULK ALL BEAMS) PAINT WALLS AND CEILING W/ TWO PART EPOXY, LIGHT GRAY.

NOTE - (MR) MOLD RESISTANT

DOOR SCHEDULE

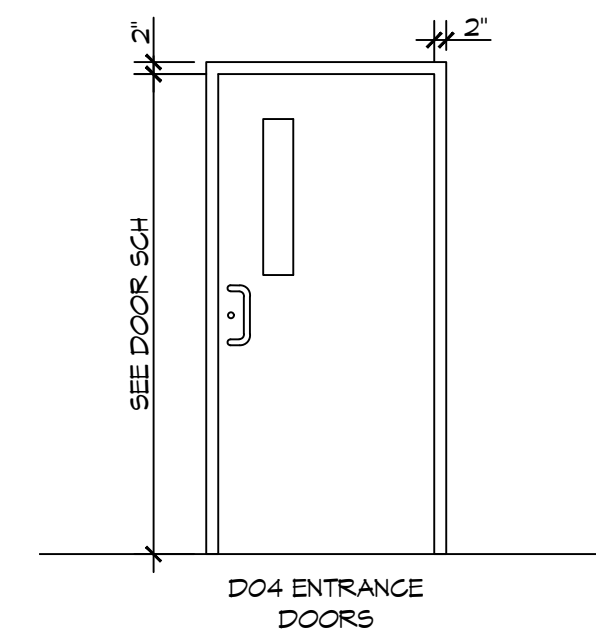
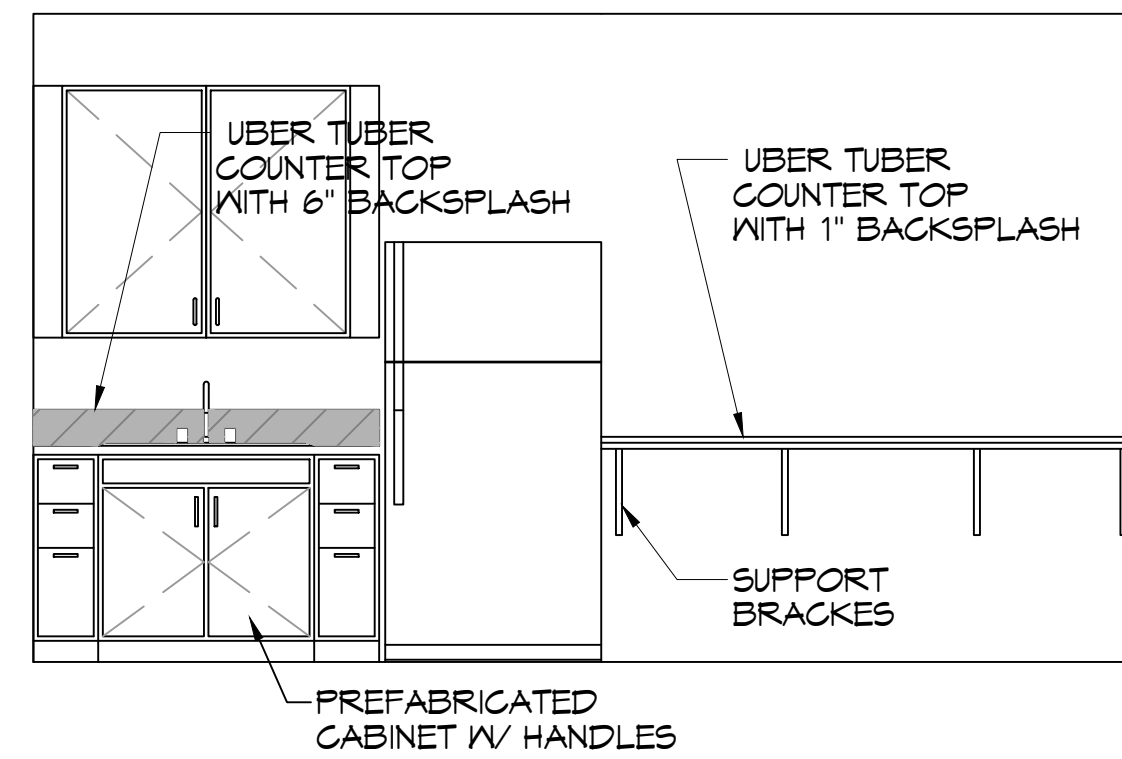
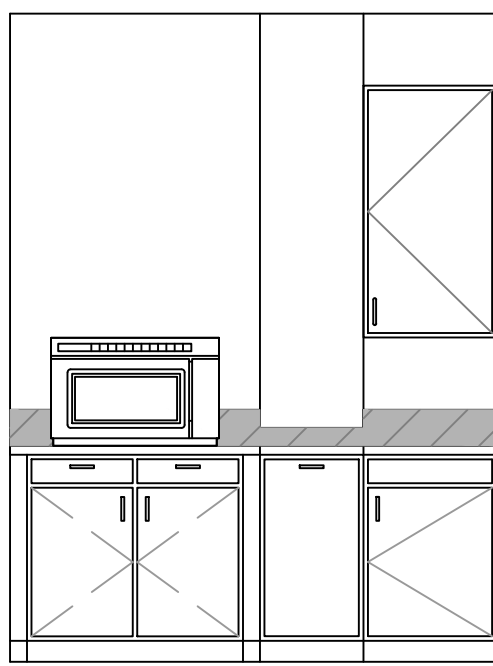
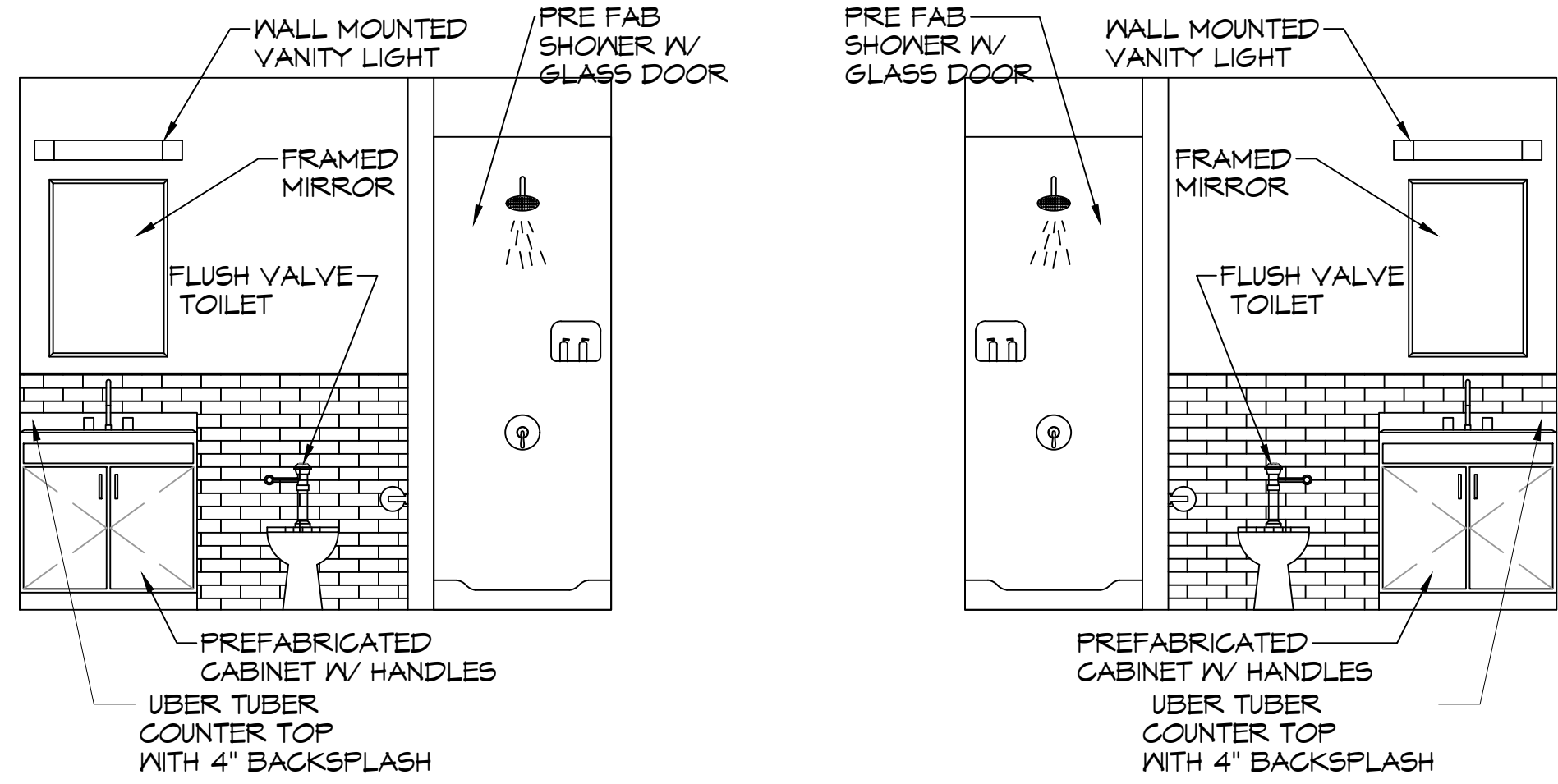
MK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME	FR	REMARKS
DO1	6'-0"	7'-0"	1-3/4"	STEEL	MTL	NR	METAL ROLL UP DOOR
DO2	3'-0"	6'-8"	1-3/4"	SOLID WOOD	WOOD	NR	INTERIOR STAINED DOOR WITH CLOSER
DO3	3'-0"	6'-8"	1-3/4"	SOLID WOOD	WOOD	NR	STAINED DOOR
DO4	3'-0"	6'-8"	1-3/4"	STEEL	MTL	NR	INSULATED WITH CLOSER AND SIGHT GLASS PAINT TO MATCH EXTERIOR BLDG

NOTE: ALL DOORS ARE TO BE FITTED WITH COMMERCIAL GRADE HARDWARE AND HANDLES.
ALL EXTERIOR DOOR ASSEMBLES TO BE RATED FOR 130 MPH WINDS AND SHALL BE MISSILE IMPACT RESISTANT.
DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED WITH A LATCH OR LOCK OTHER THAN PANG HARDWARE OR FIRE EXIT HARDWARE.

WINDOW SCHEDULE

MK	WIDTH	HEIGHT	TYPE	FRAME	FR	REMARKS
WO1	2'-0"	6'-0"	FIXED	ALUM	NR	

NOTE: ALL EXTERIOR WINDOW AND DOOR ASSEMBLES TO BE RATED FOR 140 MPH WINDS AND SHALL BE MISSILE IMPACT RESISTANT.



EXTERIOR DOOR ELEVATION

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

D MEN'S RESTROOM **E** WOMEN'S RESTROOM **F** WARMING KITCHEN
SCALE: 3/8" = 1'-0" INTERIOR ELEVATION

GENERAL NOTES

- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC 2021 SECTION 7.02.
 - A. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450.
 - B. FACING SHALL COMPLY WITH IBC 2021.
- ALL MATERIALS SHALL BE NEW AND UL LISTED.
- NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
- CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
- CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
- CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
- EXTERIOR GROUNDING SHALL BE THICK CAULK.
- PAINT SHALL BE SHERWIN WILLIAMS OR EQUIVALENT AND APPROPRIATE FOR THE SUBSTRATE TO WHICH IT IS APPLIED AS RECOMMENDED BY PAINT MANUFACTURER. ALL WORK TO RECEIVE THREE COATS (ONE PRIMER COAT, TWO FINISH COATS) UNLESS OTHERWISE RECOMMENDED BY PAINT MANUFACTURER. COLORS TO BE SELECTED BY OWNER.
- PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH SHALL BE STORED INSIDE BUILDING PREMISES.
- USE 2X6 STUDS, OR TWO 2X4 STAGGERED STUDS WITH 2X6 SILL PLATE AT ALL WALLS WHERE 4" PIPE IS INDICATED. SEE PLUMBING RISER DIAGRAM FOR PIPE SIZE.
- PROVIDE GALVANIZED METAL PAN WITH DRAIN AT ALL WATER HEATERS.
- ALL FLOORING SHALL MEET OR EXCEED ADA GUIDELINES REQUIREMENTS FOR SLIP RESISTANCE.
- INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
- INTERIOR WALLS AND CEILING SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450; PER IBC 2015.
- ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
- PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX "E" OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
- ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK AND BE SEALED WITH AN APPROVED FIRE CAULK.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CALKED. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814. SEAL ALL JOINTS, PENETRATIONS, AND ALL OTHER SUCH OPENINGS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE.
- SERVICE COUNTERS SHALL HAVE AN ACCESSIBLE WRITING SURFACE IN COMPLIANCE WITH ADAAG ACCESSIBILITY GUIDELINES 2010, SECTION 902.3.

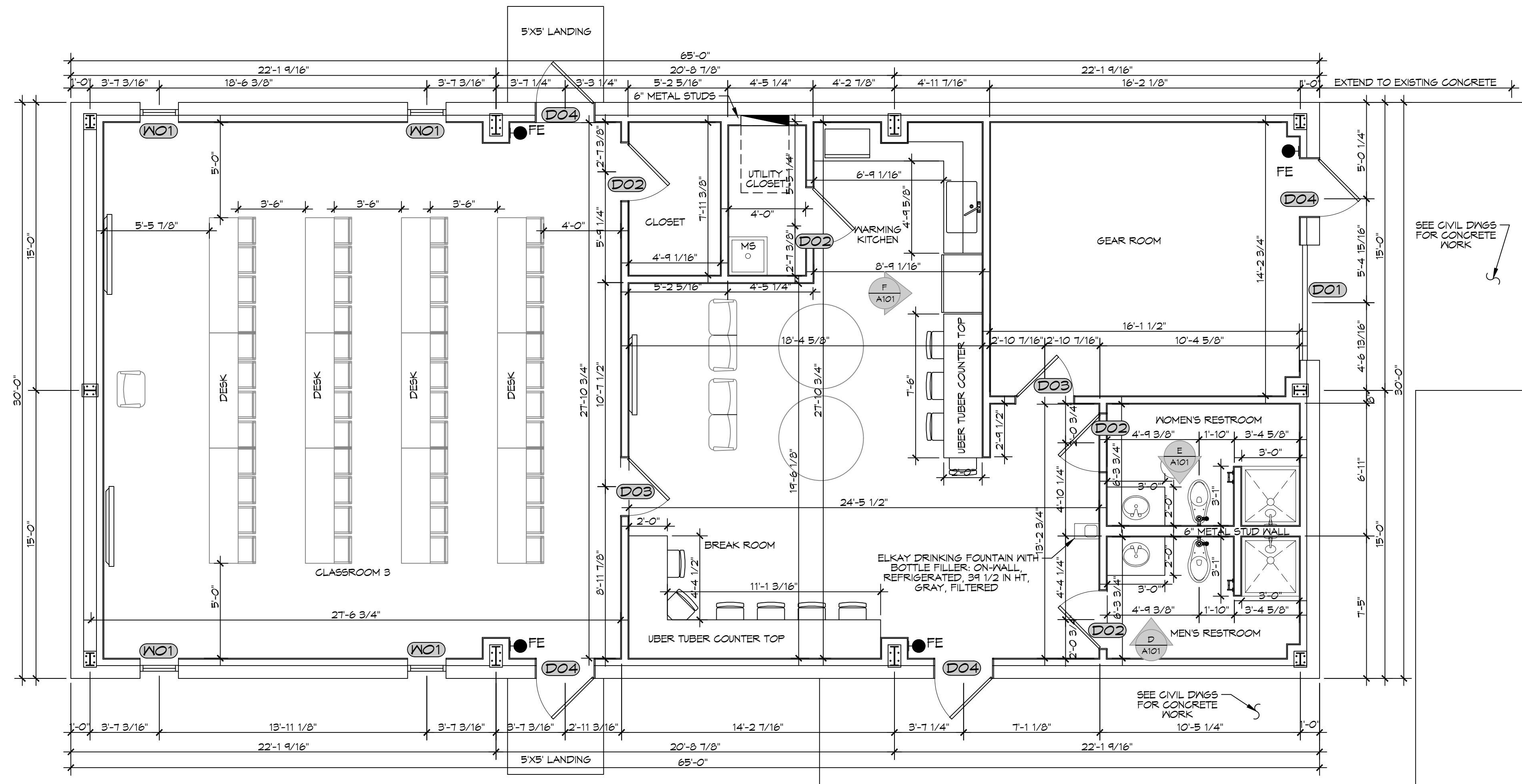
OWNER FURNISHED CONTRACTOR INSTALLED

- A. REFRIGERATOR
- B. MICROWAVE
- C. TVS AND MOUNTING BRACKETS
- D. COMMUNICATIONS EQUIPMENT

New Training Facility Finishes
Cabinet color: Maple Cloud
Cabinet Style: Bryant 5 piece Drawer Front
Drawer Pull Style: 635-965N
Drawer Pull Color: Satin Nickel
Counter tops: Uber Tuber
Overall Flooring: Pier Santa Monica
Bathroom wall tile: Architectural Gray 0109 (2)
Bathroom Floor Grout: 66 Chestnut Brown
Bathroom Wall Grout: 95 Mink
Base Board for whole bldg: 6" Roppe 178 Pewter
Interior Doors
Material: White Maple
Color: Cocoa Bean
Interior Door Frame Color: 178 Pewter (to match base board color)
Interior wall color: 6253 Olympus White
Bathroom Ceiling: White Ceiling Paint

FINISHES

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



14 FLOOR PLAN

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

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LOUISIANA & MISSISSIPPI
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PH: 985.649.4832

Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

DATE: _____
REVISIONS: _____
DESCRIPTION: _____
SEAL: _____

STATE OF LOUISIANA
ISLAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW TRAINING FACILITY
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

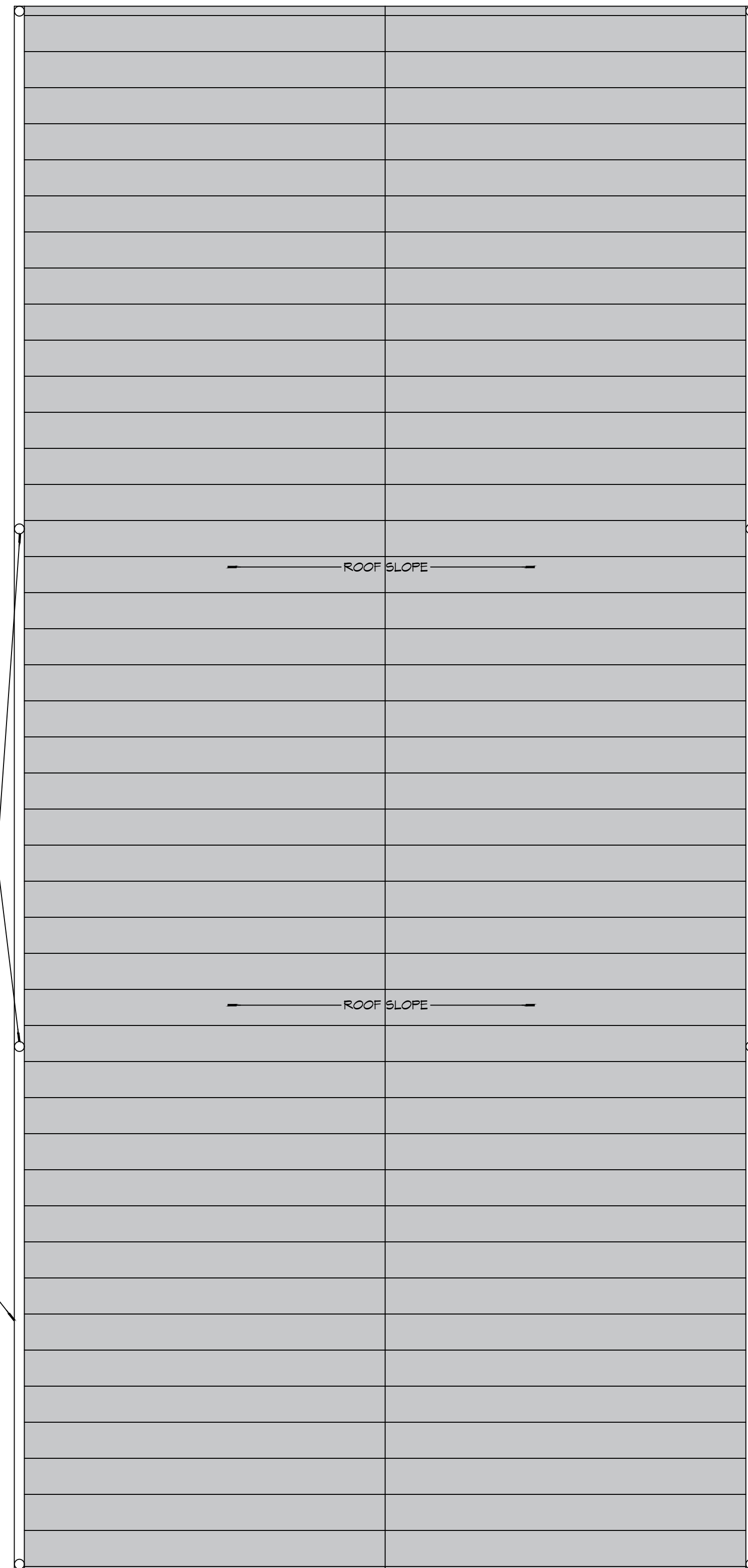
34780 S RANGE ROAD
SLIDELL, LA 70460
JOB No: _____ DATE: 02-10-2025
DRAWN BY: _____ CHECKED BY: KCD

SHEET TITLE:
FLOOR PLAN

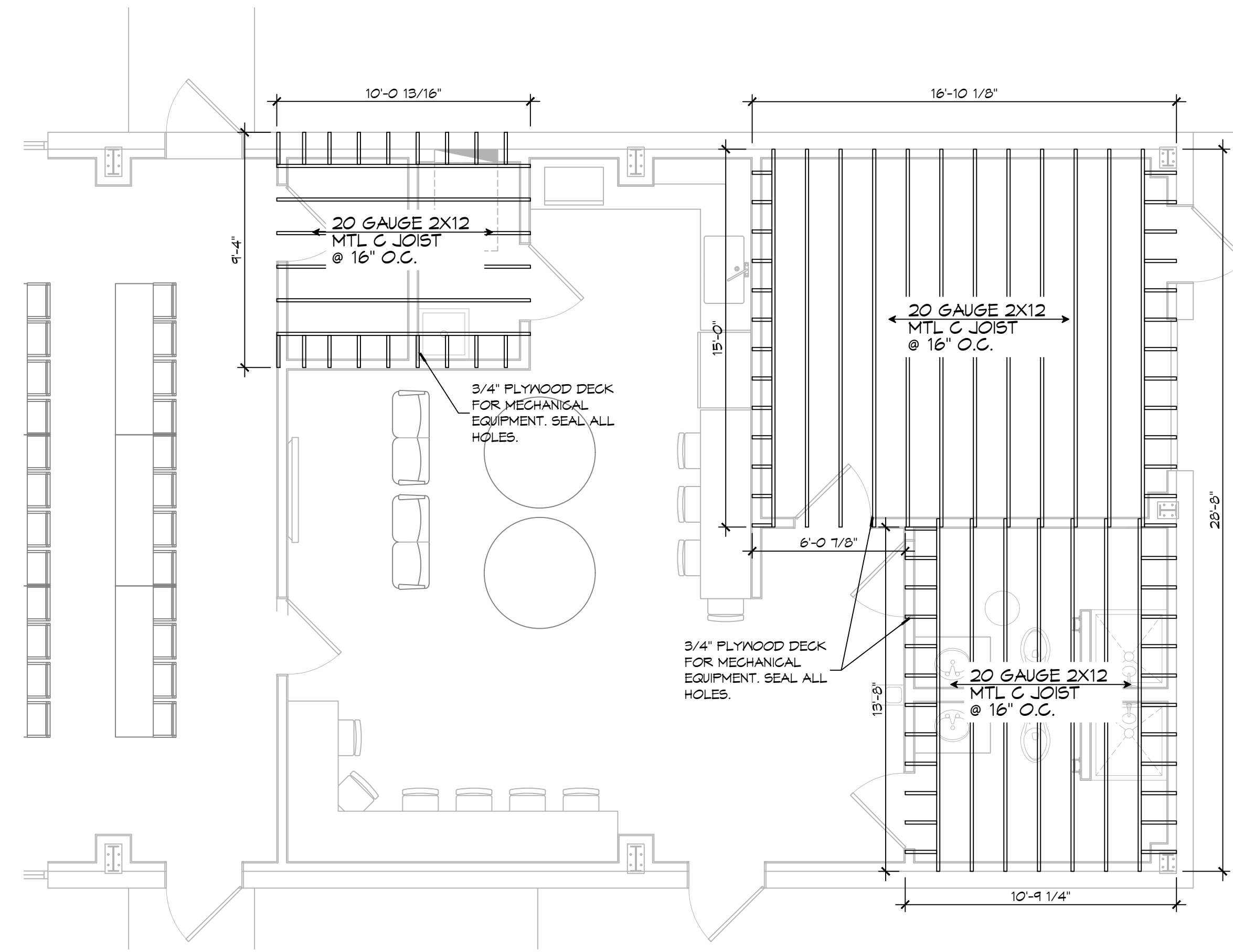
DRAWING NUMBER:
A101

SHEET No: 8 of 15

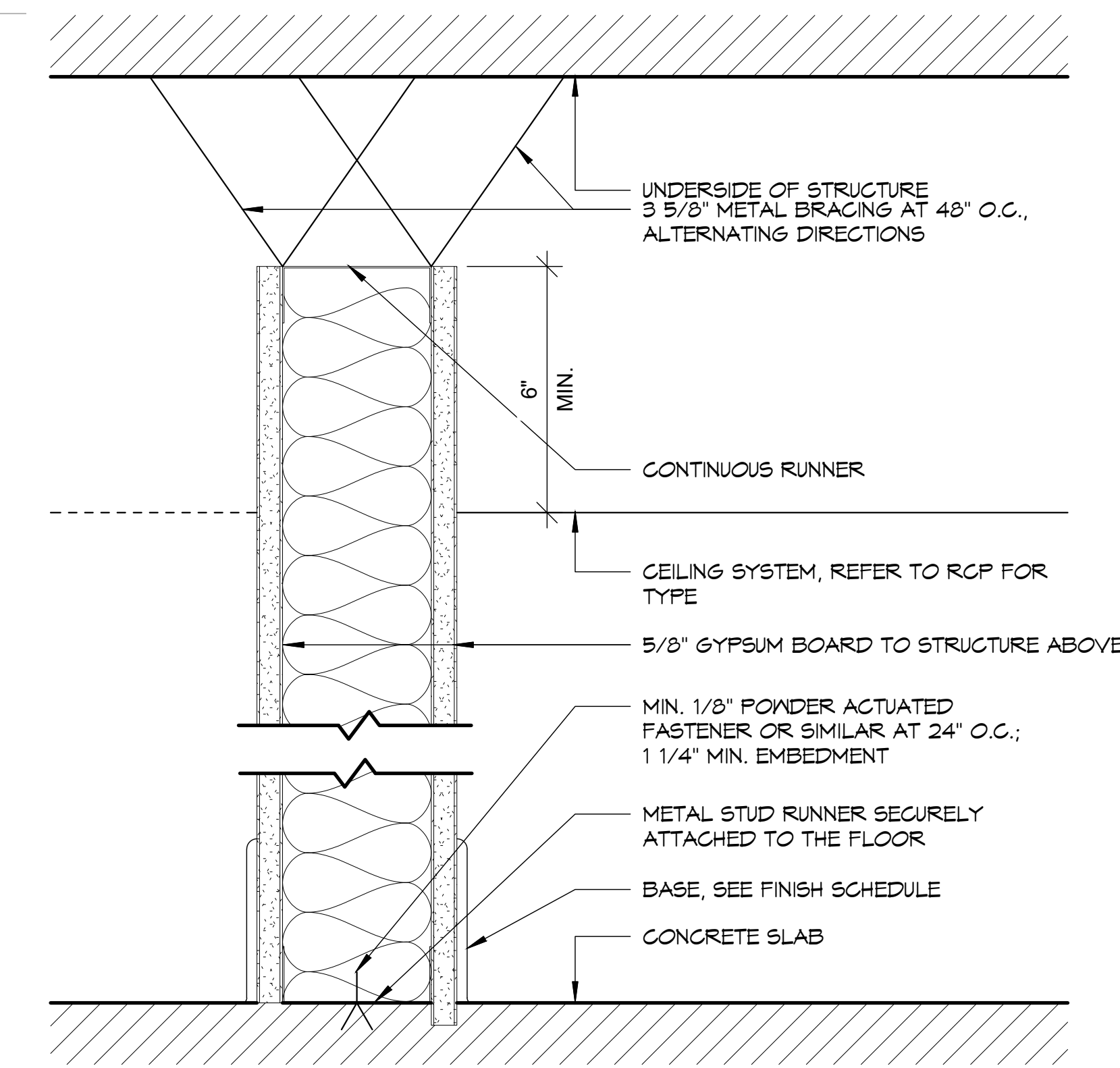
P.L. 2025, A.S. - Dammon & Mississipi, Inc. - 554 Old Spanish Trail, Slidell, LA 70458
 P.L. 2025, A.S. - Dammon & Mississipi, Inc. - 554 Old Spanish Trail, Slidell, LA 70458
 P.L. 2025, A.S. - Dammon & Mississipi, Inc. - 554 Old Spanish Trail, Slidell, LA 70458



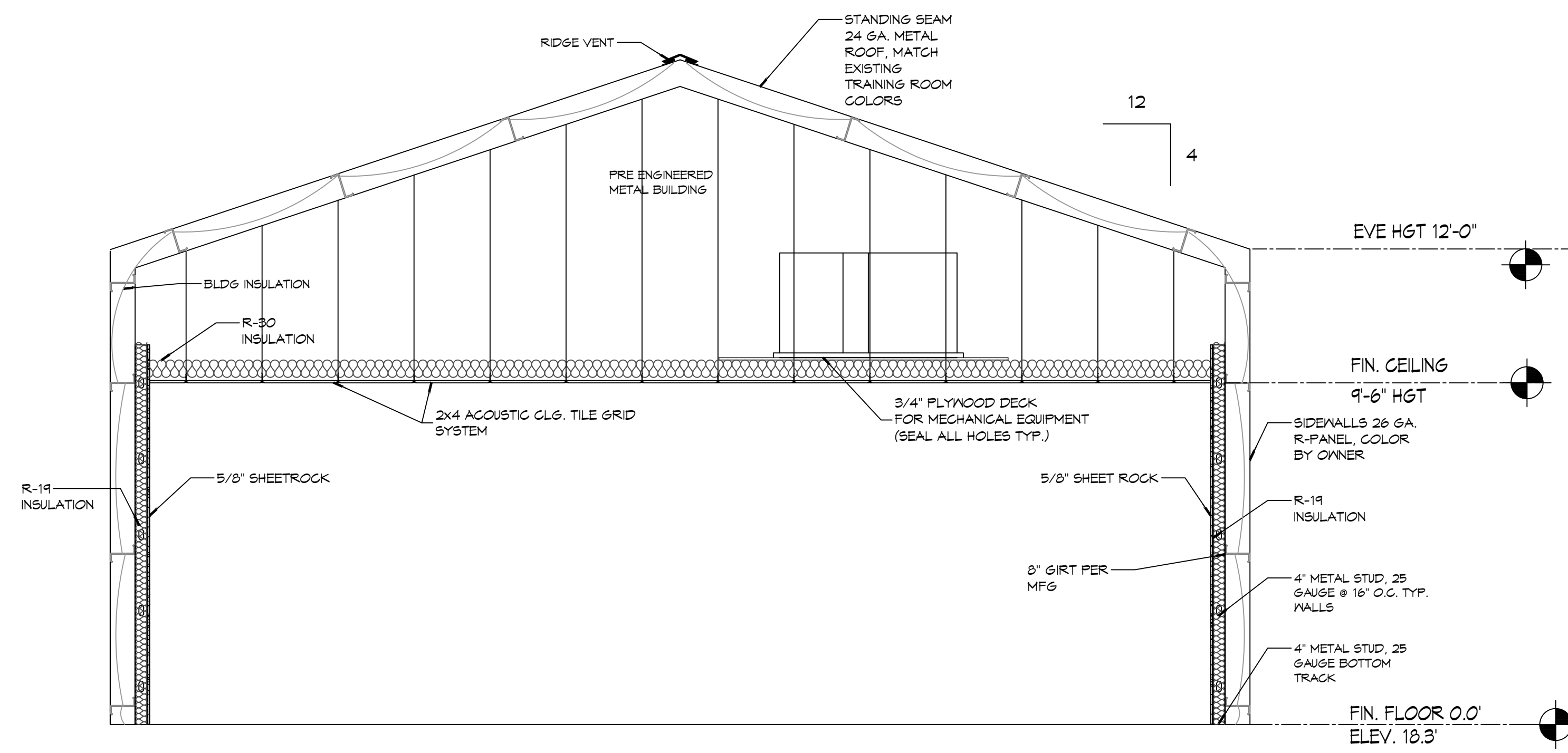
19 ROOF PLAN
SCALE: 1/4" = 1'-0"



20 CEILING JOIST PLAN
SCALE: 1/4" = 1'-0"



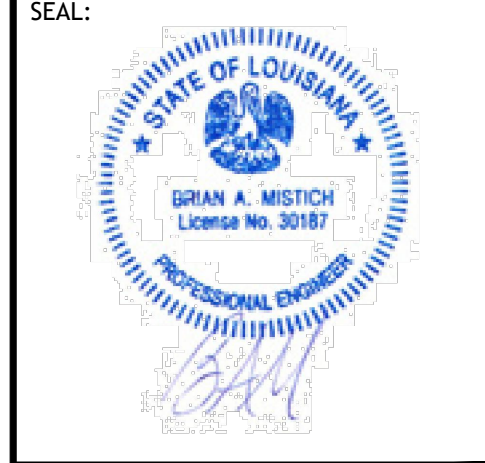
INTERIOR STUD WALLS ATTACHMENT
SCALE: N.T.S.



21 BUILDING SECTION
SCALE: 3/8" = 1'-0"

DAMMON & MISSISSIPPI
 ENGINEERING, INC.
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 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458

#	DESCRIPTION	REVISIONS	DATE



NEW TRAINING FACILITY
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 54750 S RANGE ROAD
 SLIDELL, LA 70460
 JOB No: 2507
 DATE: 02-10-2025
 DRAWN BY: RLD
 CHECKED BY: GKD

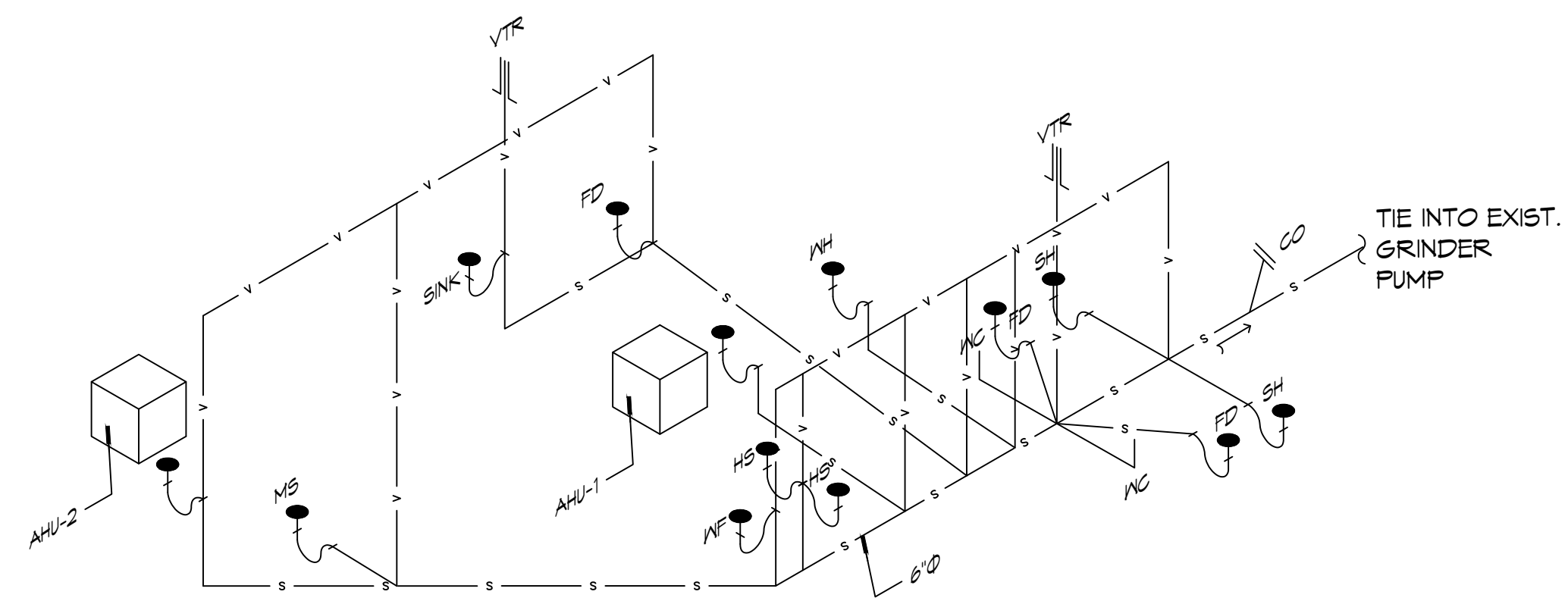
SHEET TITLE:
ROOF PLAN & BLDG SECTION

DRAWING NUMBER:
A103
 SHEET No: 10 of 15

FILE NAME: A:_General\2302 - New Orleans Facility\Drawings\General\2302 - Plumbing\2302 - Plumbing Plan.dwg PLOT DATE: 8/26/2025 8:48:29 AM

GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2019 REQUIREMENTS.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
12. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TIGHT FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE #8A (#5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
16. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.



24 PLUMBING RISER DIAGRAM
SCALE: NTS

PLUMBING ABBREVIATIONS

- HS HAND SINK
- MS MOP SINK
- LAV LAVATORY
- WC WATER CLOSET
- DF DRINKING FOUNTAIN

LEGEND

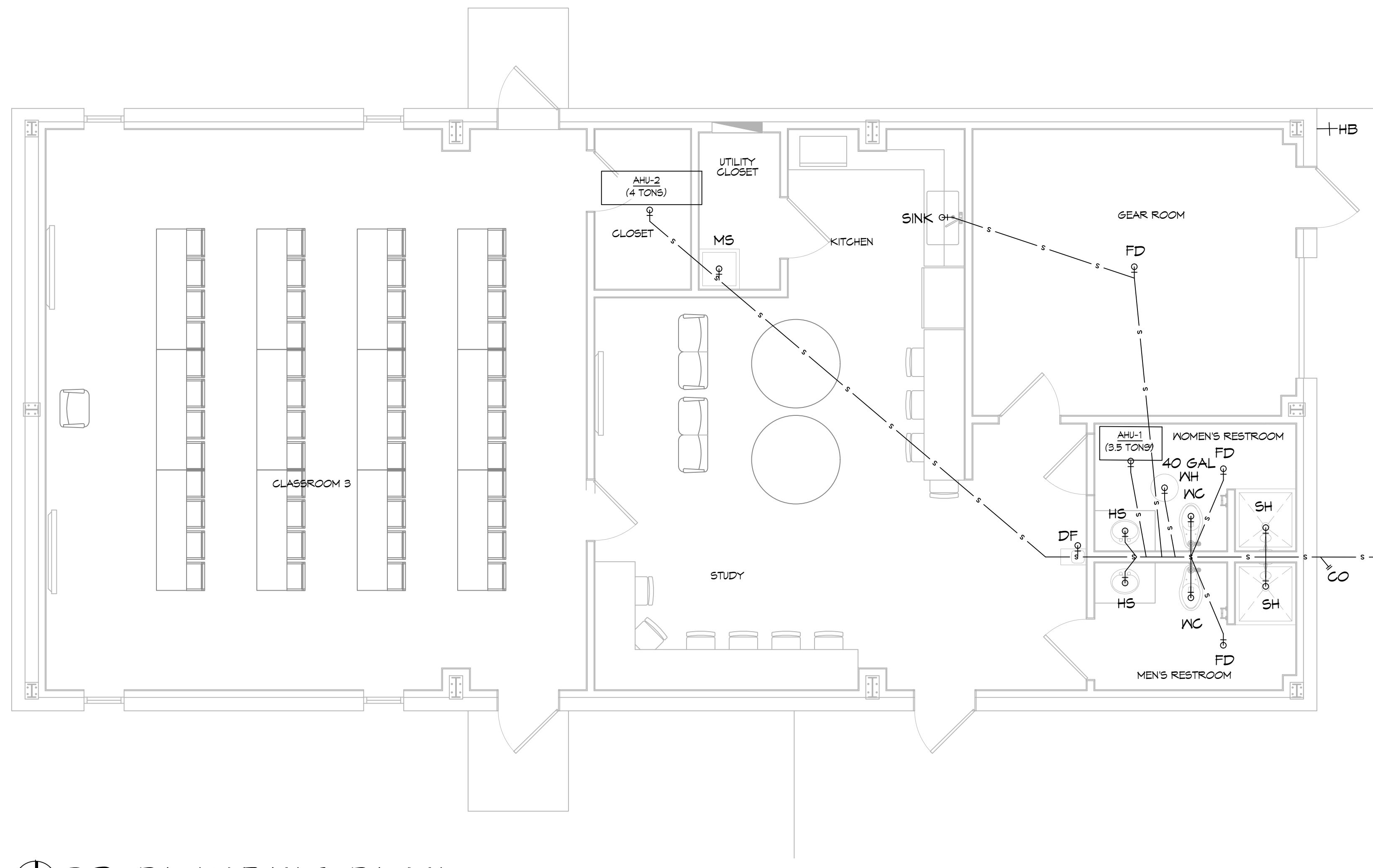
SYMBOL	DESCRIPTION
— s —	SANITARY SEWER
— v —	VENT PIPE
—○— FD	FLOOR DRAIN
— — CO	LINE CLEAN OUT

PLUMBING FIXTURE SCHEDULE

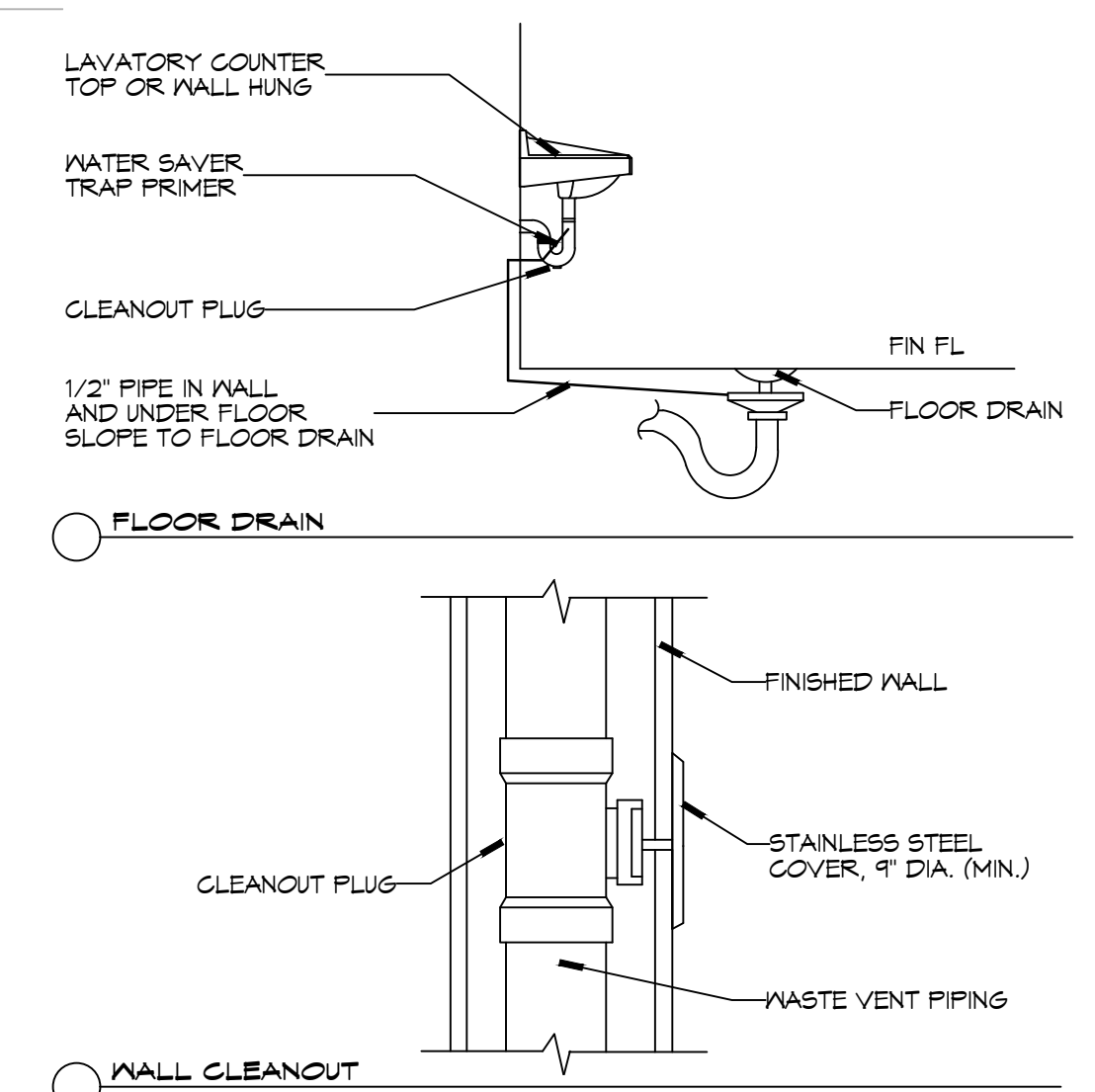
MK	DESCRIPTION	TYPE	ROUGH - IN - SIZE				NOTES
			WASTE	VENT	COLD	HOT	
WC	WATER CLOSET	VALVE	4"	3"	1-1/2"	-	3
UR	URINAL	VALVE	3"	2"	3/4"	-	3
LAV	LAVATORY	WALL HUNG	2"	2"	3/4"	3/4"	1,2,3
SH	SHOWER	-	2"	2"	3/4"	3/4"	5
FD	FLOOR DRAIN	-	3"	2"	-	-	4
HS	HAND SINK	-	3"	2"	3/4"	3/4"	-
MS	MOP SINK	-	3"	2"	3/4"	3/4"	-
WH	WATER HEATER	-	3/4"	2"	3/4"	3/4"	-
AHU	AIR HANDLER DRAIN	-	3/4"	2"	-	-	-

- NOTES:**
1. INSULATE PIPING FOR HANDICAP FIXTURE.
 2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
 3. HANDICAP FIXTURE
 4. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 5. PROVIDE ASSE 1016 COMPLIANT VALVE - FOR ALL SHOWERS
 6. PROVIDE ASSE 1010 COMPLIANT MIXING VALVE - FOR ALL LAVATORIES/SINKS

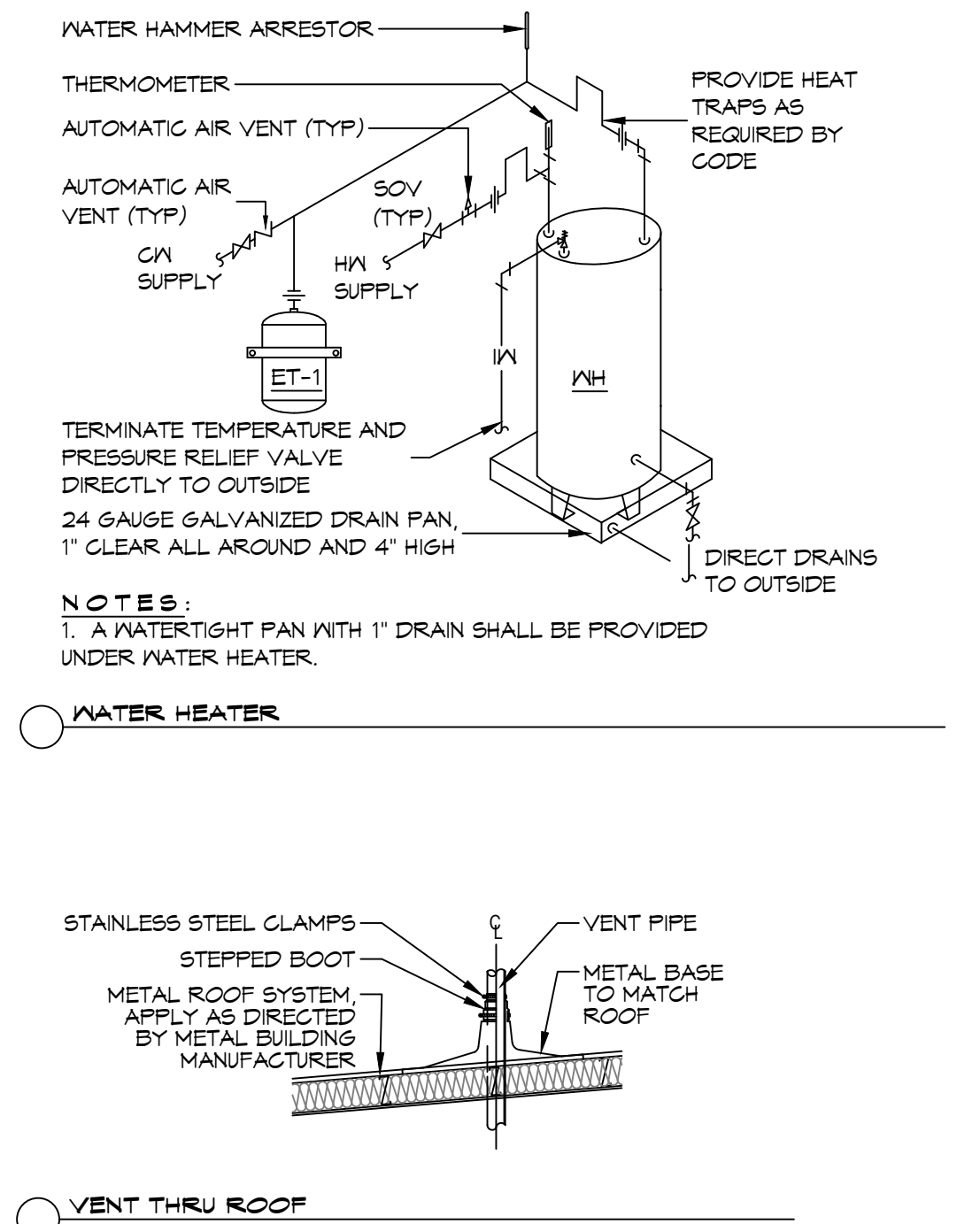
NOTE:
ALL PLUMBING IS DRAWN DIAGRAMMATICALLY FOR CLARITY



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



TYPICAL DETAILS
SCALE: NTS



MISCELLANEOUS PLUMBING

DAMMON

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 Slidell, LA 70588
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#	DESCRIPTION	DATE



NEW TRAINING FACILITY

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

54780 S RANGE ROAD
 SLIDELL, LA 70566
 JOB No: 2507
 DATE: 02-10-2025
 DRAWN BY: CKD
 CHECKED BY: BAY

SHEET TITLE:
PLUMBING PLAN

DRAWING NUMBER:

P101

SHEET No: 12 of 15

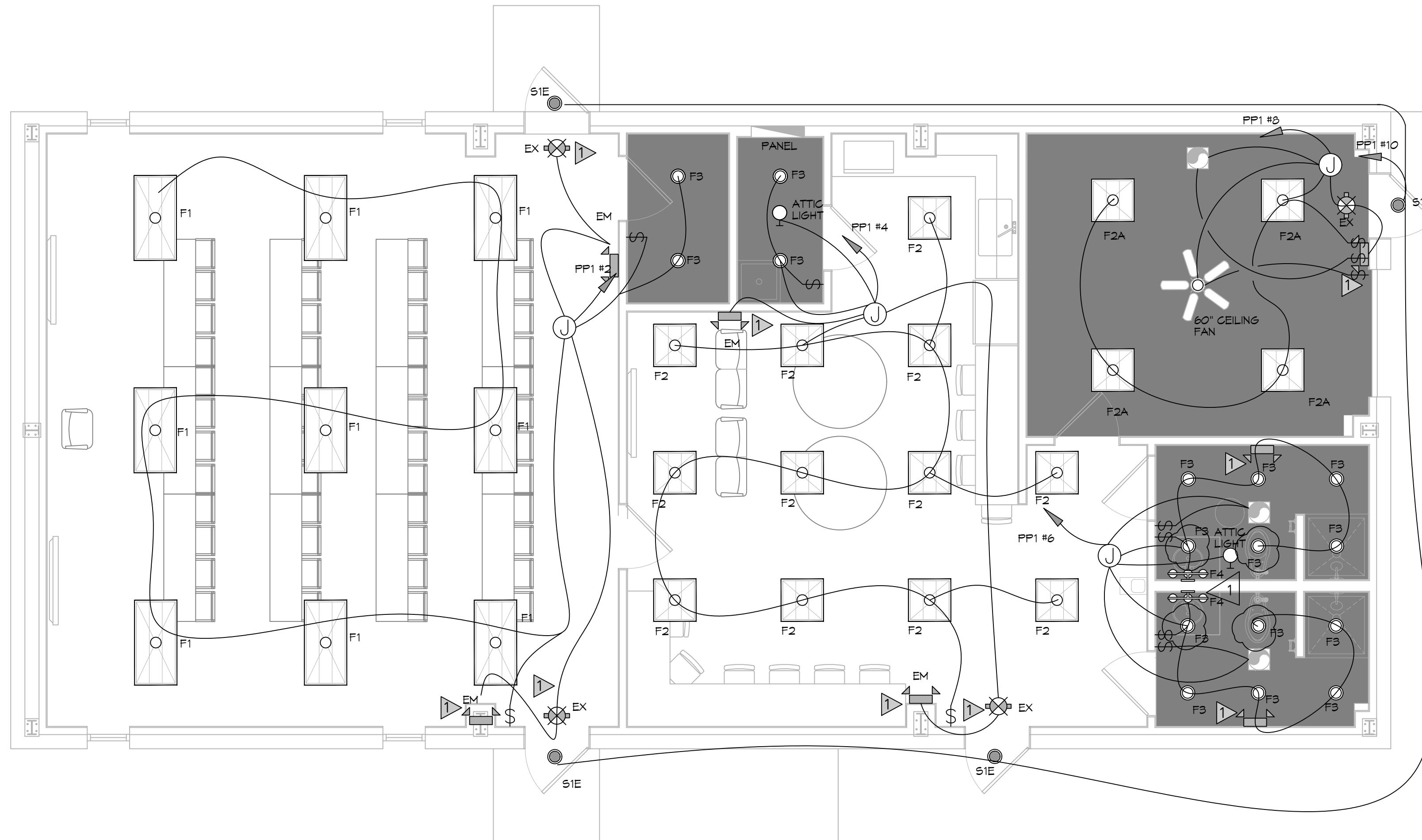
LIGHTING SCHEDULE

TYPE	MFG	PART 3	Description
F1	ELITE	24-OEVHP-LED-3KL/4KL/5KL-DIM10-MVOLT-35K/40K/50K 85(4000L)(40K)	2X4 RECESSED ARCH LED TROFFER 4000 LUMENS 40K
F2	ELITE	22-OEVHP-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K(3000L)(40K)	2X2 RECESSED ARCH LED TROFFER 3000 LUMENS 40K
F2A	ELITE	22-OEVHP-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K/22K(3000L)(40K)	2X2 RECESSED ARCH LED TROFFER W/FLANGED KIT 3000 LUMENS 40K
F3	ELITE	HH6-LED-1200L-DIM10-MVOLT-30K-WD-90/HH6-6501-CL-WH	6" LED DOWNLIGHT 1200LUMENS 90CRI 30K
F4	ELITE	ECH-BL-LED-1003-4-650L-30K-BN	30" WALL MOUNT LED VANITY LIGHTING 30K BN
EX	ELITE	ELX-603 -R-W	LED EXIT
EM	ELITE	ELM-LED-803-W	LED EMERGENCY LIGHT W/BATTERY BACKUP
S1E	ELITE	OWP-FC-104-LED-1600L-MVOLT-40K-BZ-O-EMG-LED	LED SLIM WALL PACK 1600 LUMENS 40K W/ EMERGENCY BATTERY

NOTE: NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.

GENERAL LIGHTING NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
- WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
- ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.
- TYPES NM AND NMC CABLES SHALL NOT BE PERMITTED TO BE EXPOSED IN DROPPED OR SUSPENDED CEILINGS.



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

LIGHTING LEGEND

- 2x4 LIGHT FIXTURE
- 2x2 LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- EXTERIOR LIGHT FIXTURE
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EMERGENCY LIGHT
- SINGLE POLE LIGHT SWITCH
- 3-WAY LIGHT SWITCH
- JUNCTION BOX

LIGHTING KEY NOTES

- PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT AND SHALL HAVE 90 MINUTE EMERGENCY BATTERY BACKUP

THIS WORK SHALL MEET ALL ELECTRICAL CODES

- 2020 NATIONAL ELECTRICAL CODE
- NFPA 70
- 2021 IECC ENERGY CODE

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Slidell, LA 70458
PH: 985.649.5832

#	DESCRIPTION	DATE
1	Remove 4 lights in bathroom	02-10-2025



NEW TRAINING FACILITY
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
34130 S RANGE ROAD
SLIDELL, LA 70460
JOB No: 2507 DATE: 02-10-2025
DRAWN BY: TMT CHECKED BY: GCP

SHEET TITLE:
LIGHTING PLAN

DRAWING NUMBER:

E102