

**LIFE-SAFETY INFORMATION**

**APPLICABLE CODES**  
 NFPA 101 LIFE-SAFETY CODE 2015

**OCCUPANCY TYPE(S) AND CHAPTER(S)**  
 BUSINESS (CHAPTER 9B)  
 MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)  
 N/A

**OCCUPANT LOAD FACTOR** (REFERENCE TABLE 7.3.1.2)  
 3,150 SF / 100 SF PER OCCUPANT = 33 OCCUPANTS

**CLASSIFICATION OF HAZARD OF CONTENTS**  
 (REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH)

**CONSTRUCTION TYPE(S)** (REFERENCE: CHAPTERS, TABLE A.9.2.1.2 AND COMMENTARY TABLE 9.1 IN HANDBOOK)  
 V

**MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS**  
 (REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)  
 1/3 DIAGONAL = 24'-10"

**MAXIMUM DEAD-END CORRIDORS** (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)  
 50'

**MAXIMUM COMMON PATH OF TRAVEL DISTANCE** (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)  
 100'

**MAXIMUM TRAVEL DISTANCE TO EXITS** (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)  
 300'

MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING



**BUILDING CODE INFORMATION**

**APPLICABLE CODES**  
 IBC 2021

**BUSINESS GROUP B** (IBC 2021 CHAPTER 19)

**OCCUPANT LOAD CALCULATIONS** (TABLE 1004.1.1)  
 BUSINESS = 3,150 SQ FT / 100 SF PER OCCUPANT (GROSS) = 33 OCCUPANTS

**CONSTRUCTION TYPE(S)** (TABLE 504)  
 VB (SECTION 504)

**ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION**  
 MAXIMUM HEIGHT IN STORIES (SECTION 504.4) = 2  
 MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503) = 9,000

**WIND SPEED DESIGN REQUIREMENTS**

THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:

**WIND DESIGN DATA:**

DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY

WIND SPEED  $V_{ult}$  (3 SECOND GUST) = 140 MPH (IBC FIG 1609.3(1))

NOMINAL DESIGN WIND SPEED  $V_{asd}$  = 110 MPH ( $V_{ult} \times (0.6)^{1/2}$ )

RISK CATEGORY: CATEGORY II BLDG SURFACE ROUGHNESS = B

TOPOGRAPHIC FACTOR = 1 EXPOSURE = B

DESIGN WIND PRESSURE (ASCE 7-10 TABLE 28.6-1): 31.7 PSF

INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 28.11-1):  $\pm 0.18$

**LIVE LOADS (IBC SEC 1607)**

OFFICE LOBBIES & CORRIDORS 1ST FLOOR (IBC TABLE 1607.1): 100 PSF

OFFICES (IBC TABLE 1607.1): 50 PSF

ROOF LIVE LOADS (IBC TABLE 1607.1): 20 PSF UNIFORM, 300 LB CONCENTRATED

**SNOW LOADS (IBC SEC 1609.2):** 5 PSF

GROUND SNOW LOAD (IBC FIG 1609.2): 5 PSF

**FLOOD ZONE INFORMATION**

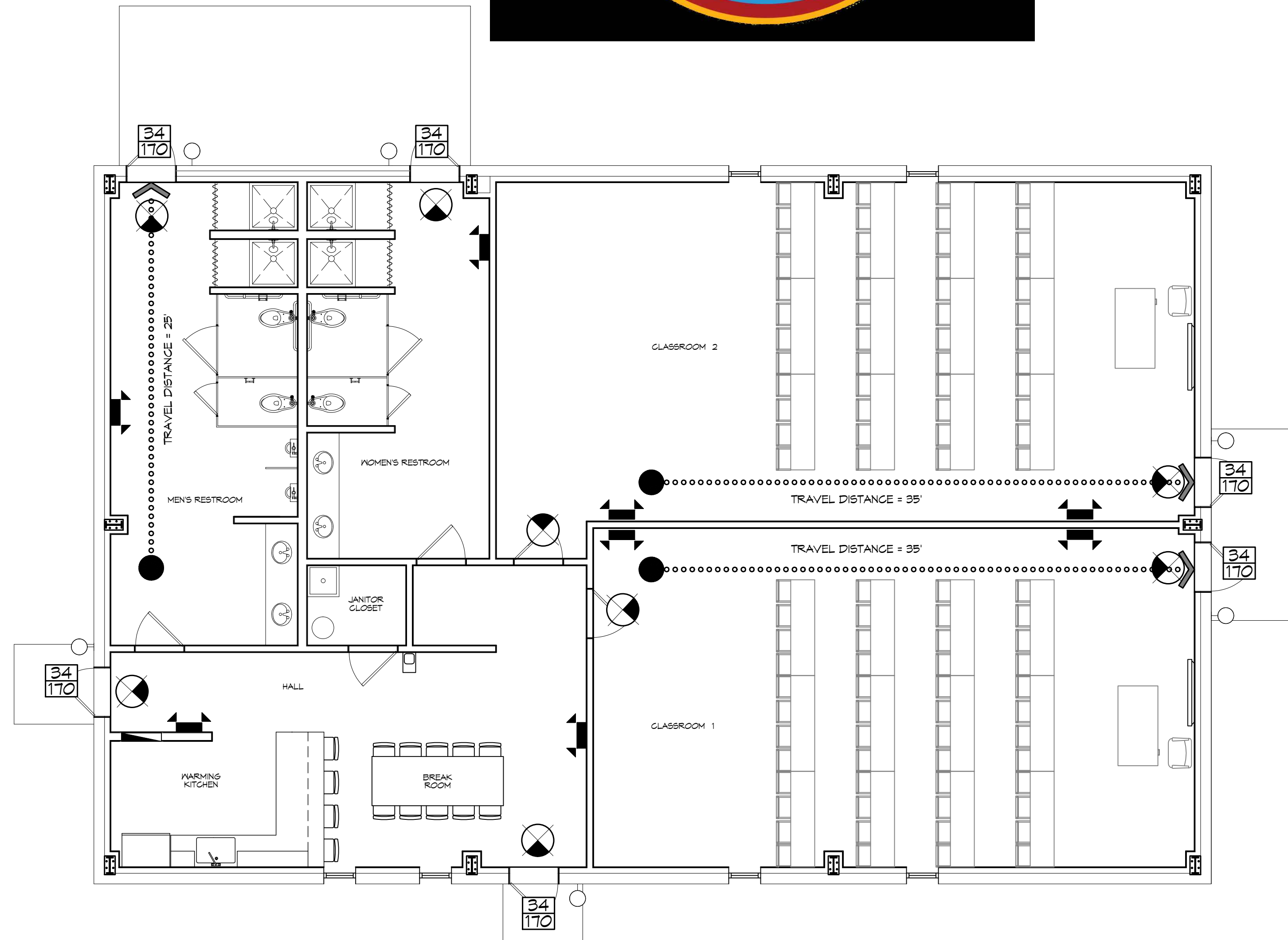
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES, THIS PROPERTY IS NOT IN SPECIAL FLOOD HAZARD AREA

FIRM, COMMUNITY NO. 22520500415 C DATED 4-02-1991

FLOOD ZONE: C BASE FLOOD ELEVATION: N/A

**LIFE-SAFETY LEGEND**

SYMBOL	DESCRIPTION
	EXITS
	DOOR FIRE RATING (MINUTES)
	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
	FIRE EXTINGUISHER IV WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT



**LIFE-SAFETY PLAN**  
 SCALE: 3/16" = 1'-0"

**VICINITY MAP**



**SHEET INDEX**

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
C101	SITE PLAN
C102	DRAINAGE AND UTILITY SITE PLAN
C103	PAVING & FILL PLAN
C104	EROSION CONTROL AND DETAILS
S101	FOUNDATION PLAN
A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
A103	ROOF PLAN AND BLDG SECTION
A104	REFLECTED CEILING PLAN
P101	PLUMBING PLAN
M101	MECHANICAL FLOOR PLAN, SCHEDULES & DETAILS
E101	ELECTRICAL SPECIFICATIONS
E102	ELECTRICAL LIGHTING PLAN

**GENERAL NOTES**

- ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
- CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
- THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
- DO NOT SCALE DRAWINGS. CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
- TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
- THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
- ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

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REVISIONS

#	DESCRIPTION	DATE

SEAL:



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

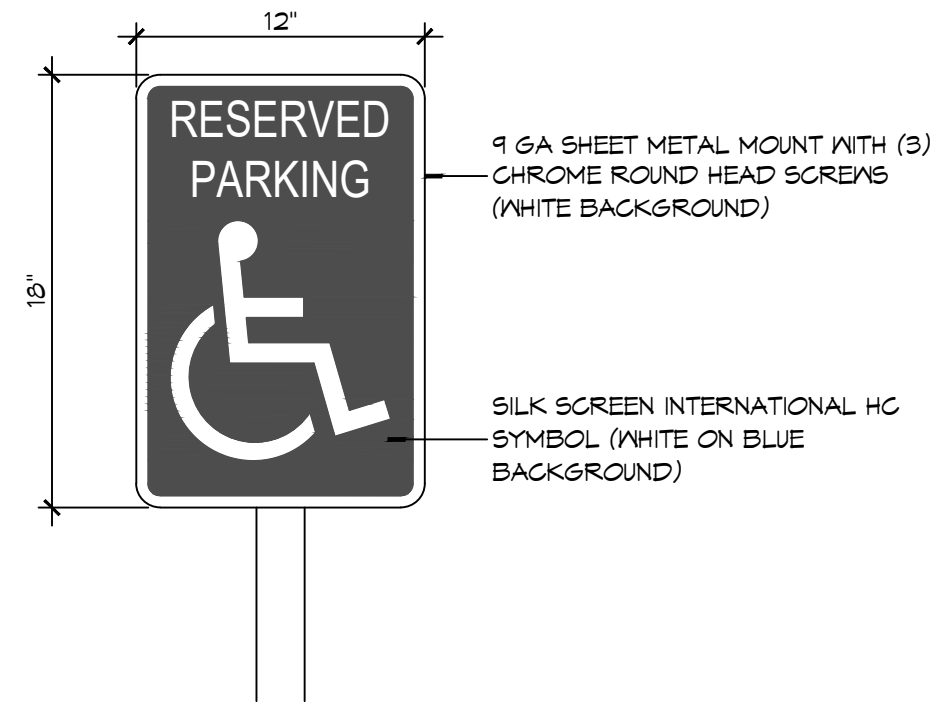
34750 S RANGE ROAD  
 SLIDELL, LA 70460

JOB NO: 2460 DATE: 04-25-2023  
 DRAWN BY: JMS  
 CKD CHECKED BY: JMS

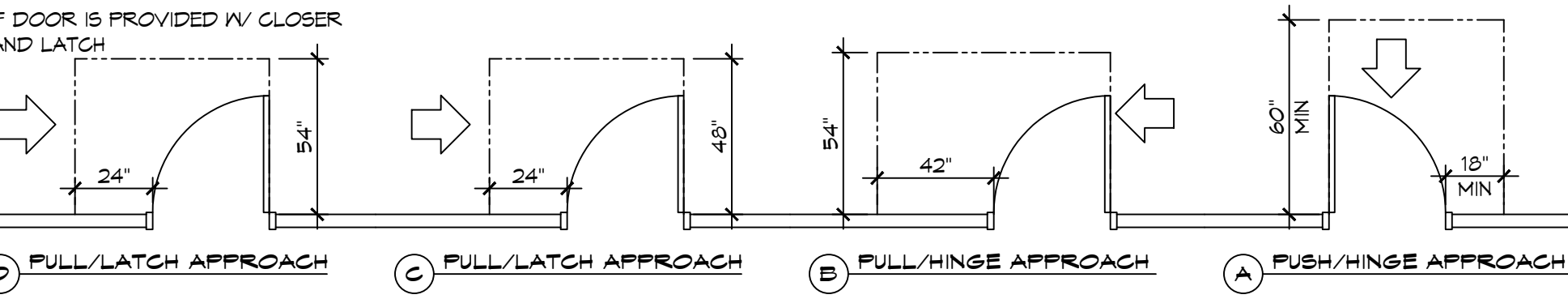
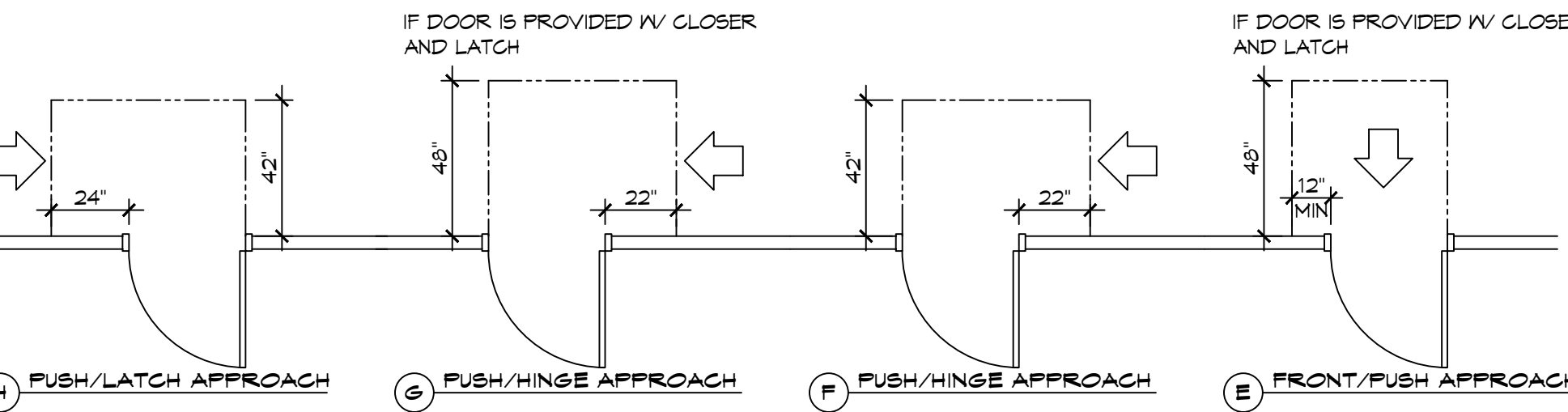
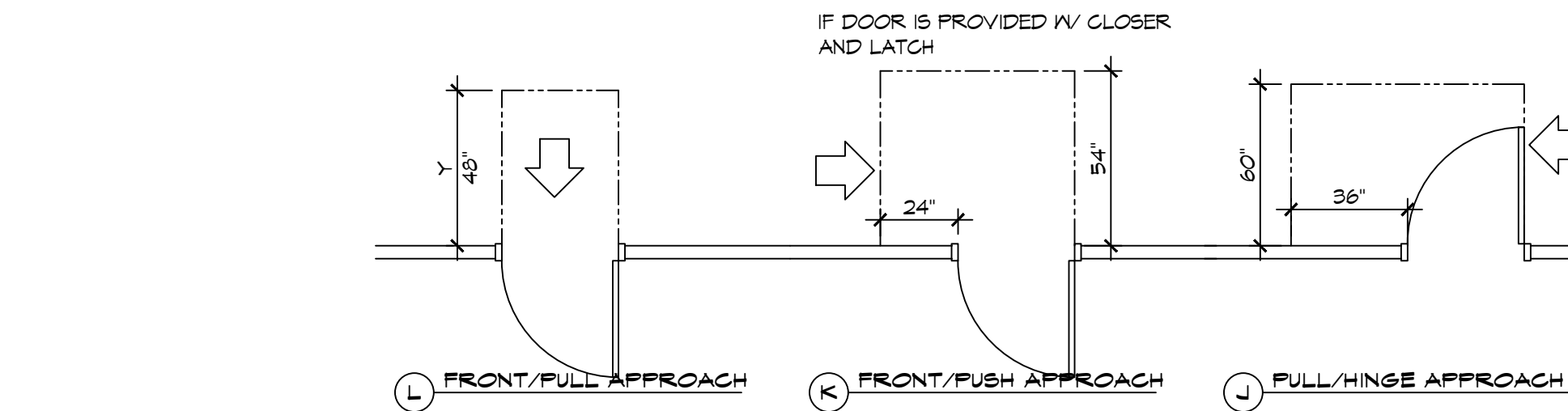
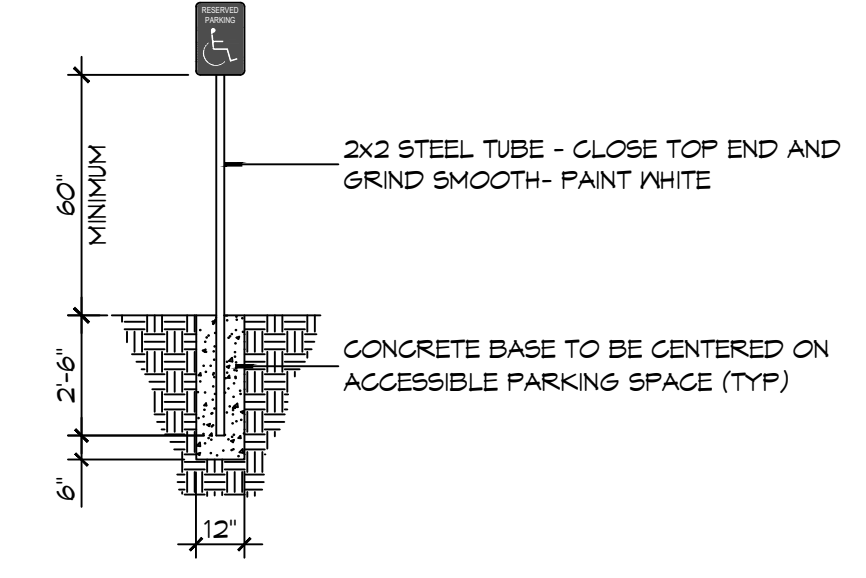
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 GENERAL INFORMATION SHEET

DRAWING NUMBER:  
**G101**

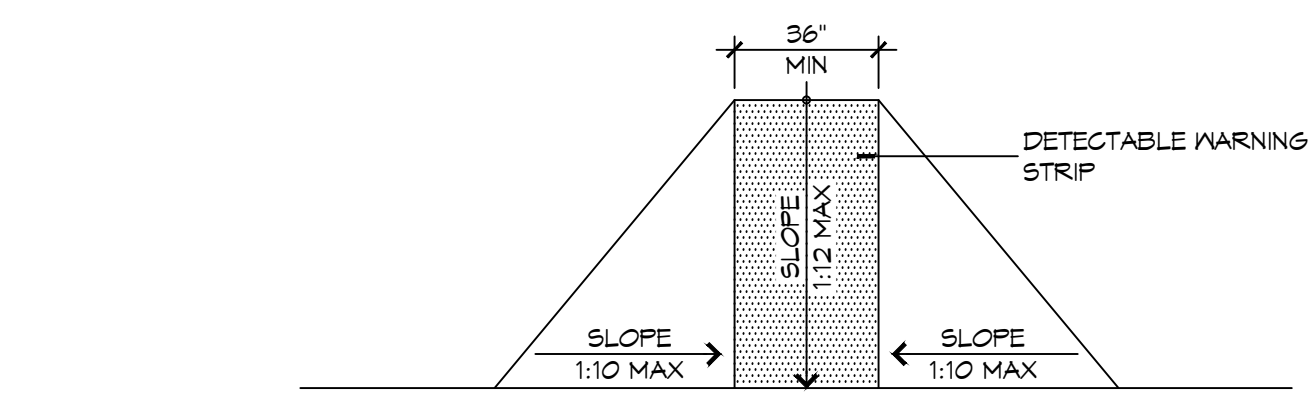
SHEET No: 1 of 15



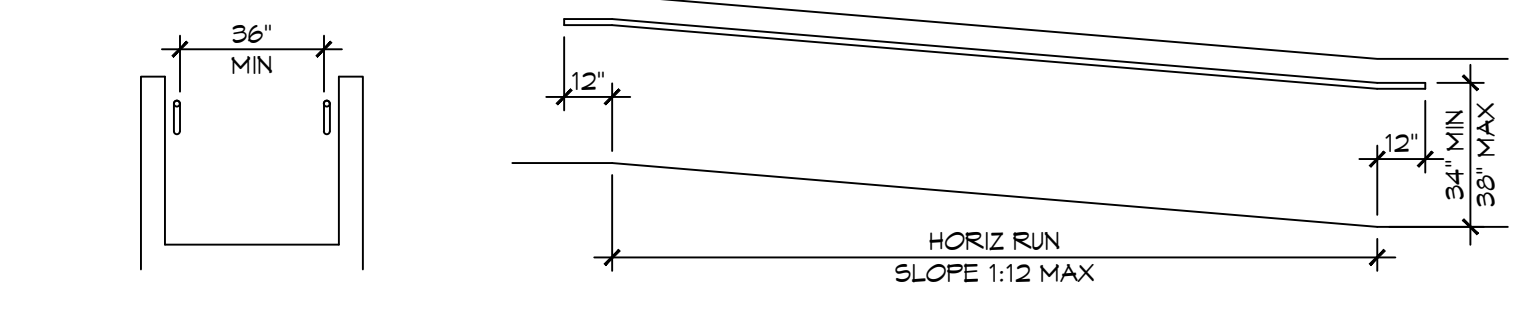
**ACCESSIBLE SIGN**  
SCALE: NTS



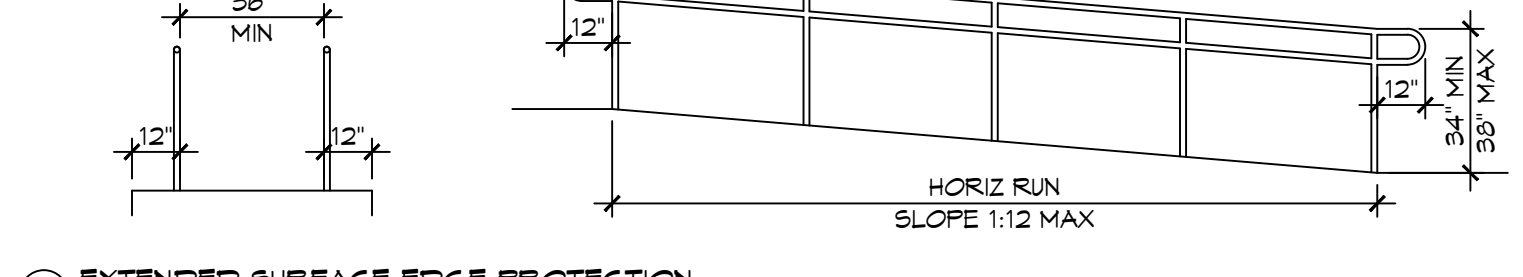
**3 DOOR CLEARANCES**  
SCALE: 1/4" = 1'-0"



**F FLARED RAMPS**

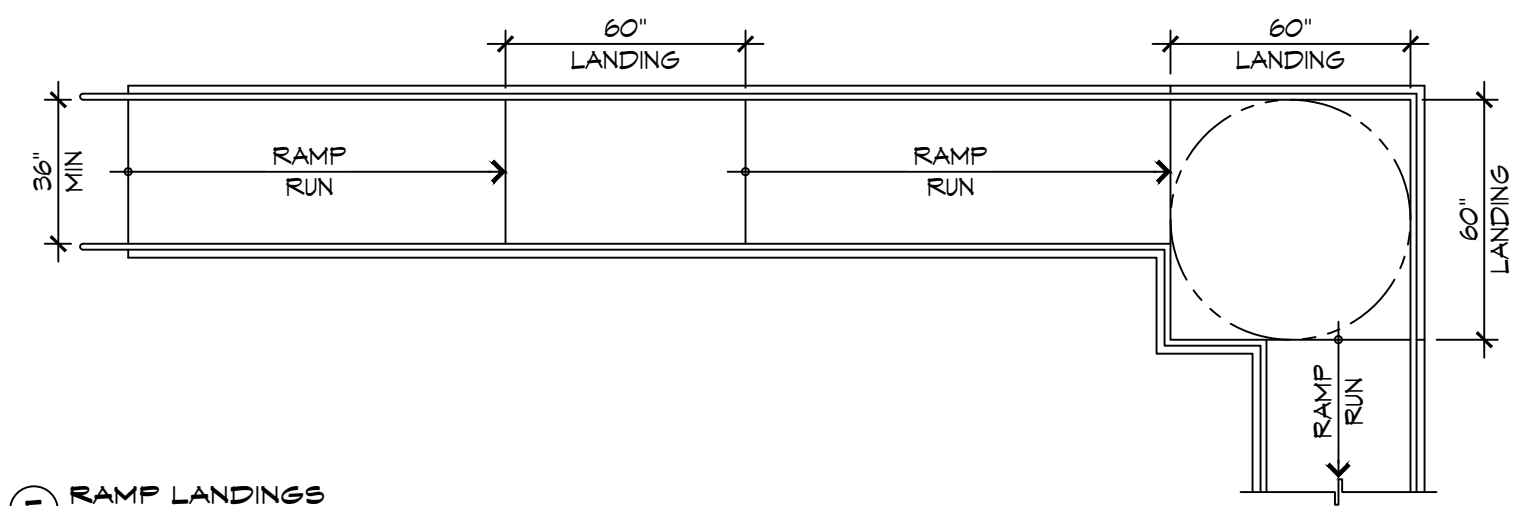


**D WALL EDGE PROTECTION**

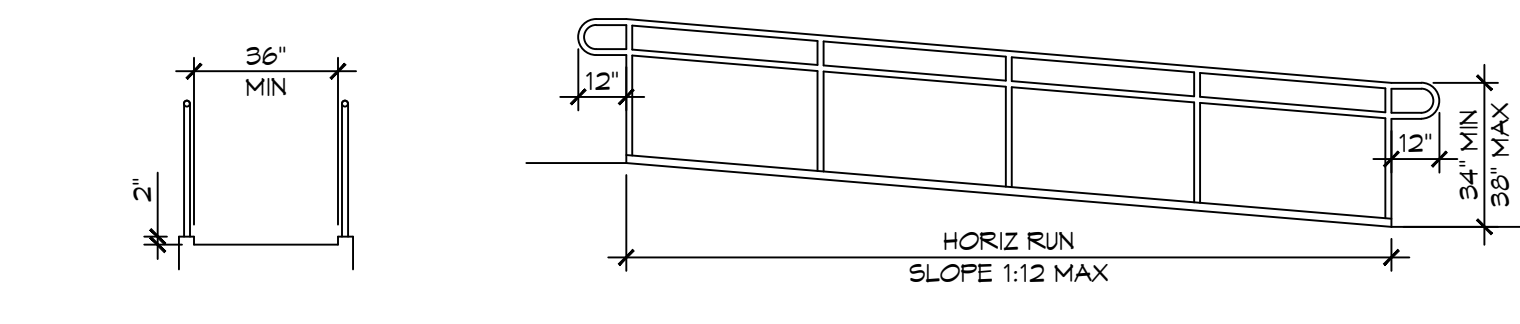


**E EXTENDED SURFACE EDGE PROTECTION**

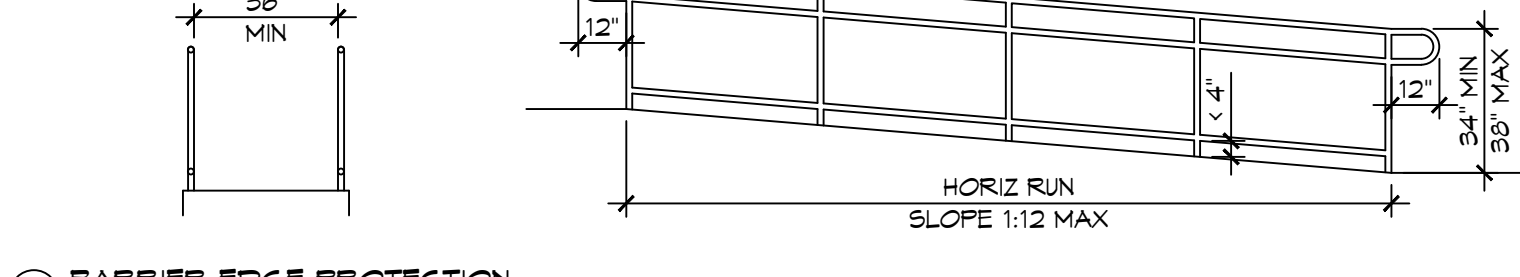
**4 ACCESSIBLE RAMPS**  
SCALE: 1/4" = 1'-0"



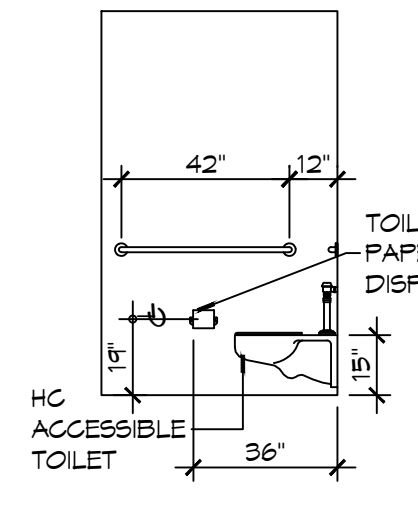
**E RAMP LANDINGS**



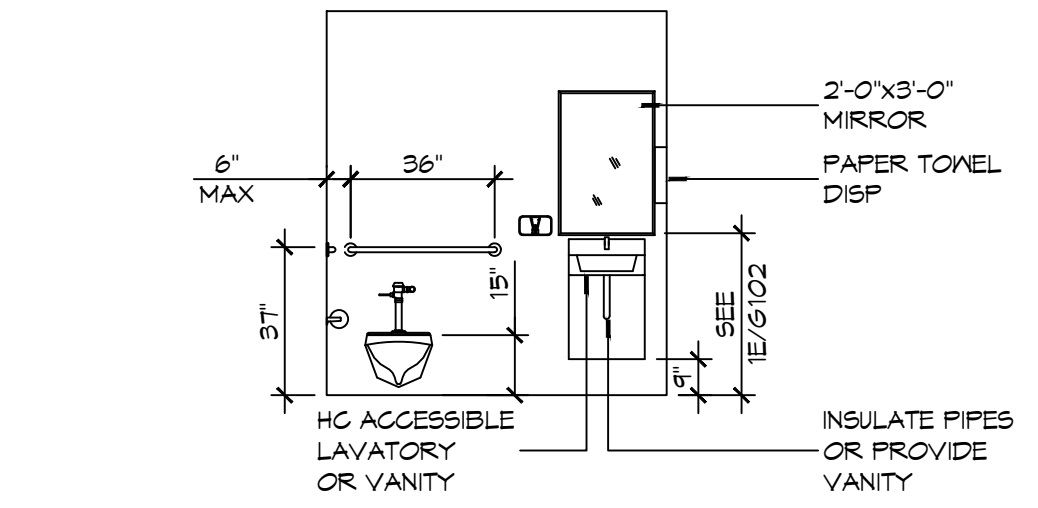
**C CURB EDGE PROTECTION**



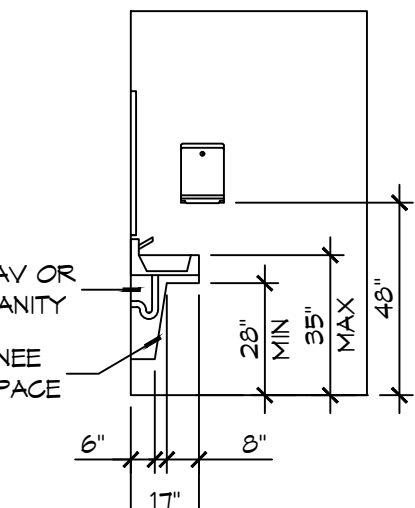
**A BARRIER EDGE PROTECTION**



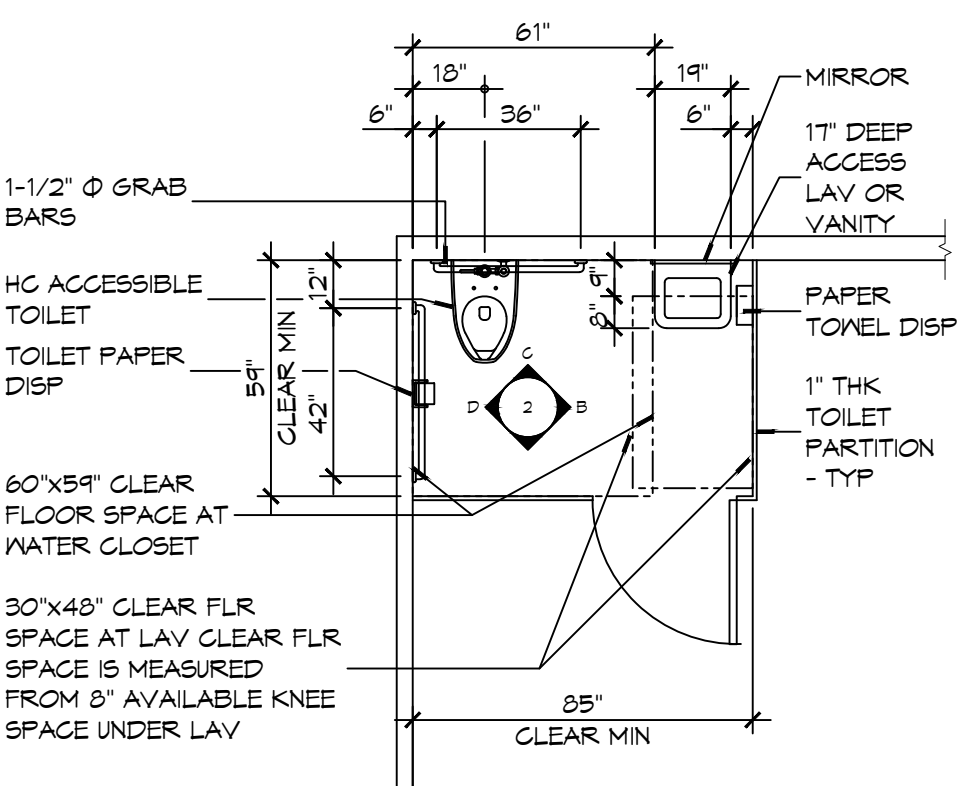
**D INTERIOR ELEVATION**



**C INTERIOR ELEVATION**



**B INTERIOR ELEVATION**



**A FLOOR PLAN**

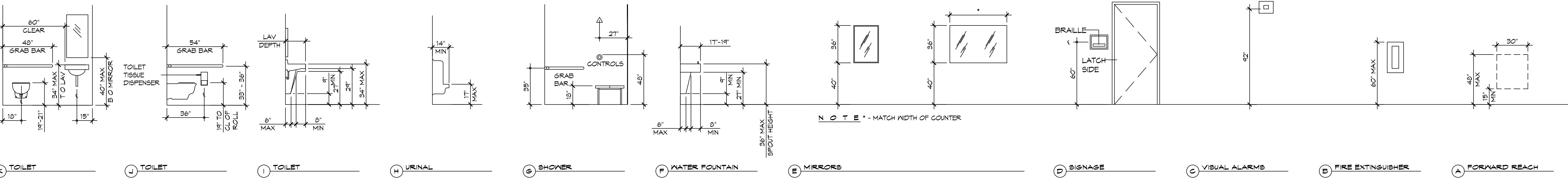
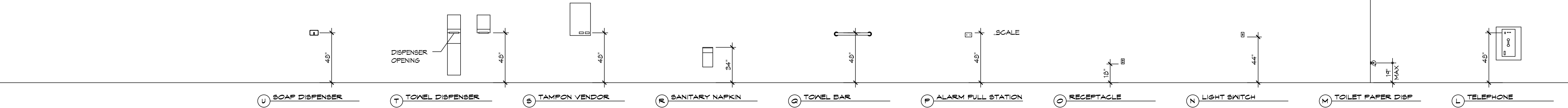
**2 RESTROOM CLEARANCES**  
SCALE: 1/4" = 1'-0"

**ACCESSIBILITY NOTES**

**DOOR CLEARANCE NOTES**  
ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES. 3/6/102 - 3K/6/102.  
DOOR HARDWARE SHALL BE LEVER TYPE.  
MAX DOOR OPENING FORCE:  
INTERIOR HINGED DOORS: 5 LBF  
EXTERIOR HINGED DOORS: 8.5 LBF  
SLIDING OR FOLDING DOORS: 5 LBF  
FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.  
HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.  
THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.  
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.  
DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.  
**RAMP NOTES**  
THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.  
GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.  
HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.  
THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.  
OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.  
RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.  
HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.  
RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

**GENERAL SITE ACCESSIBILITY NOTES**

1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 303.7.
2. SEE SHEET 0003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 502.4 AND 502.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 303.2.1 AND 502.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 302.1.



**1 MOUNTING HEIGHTS**  
SCALE: 1/4" = 1'-0"

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#	DESCRIPTION	DATE



**NEW TRAINING FACILITY  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1**  
2480 RANGE ROAD  
SLIDELL, LA 70460  
JOB No: 2480 DATE: 04-25-2023  
DRAWN BY: JME CHECKED BY: CKD  
SHEET TITLE: ACCESSIBILITY INFORMATION  
DRAWING NUMBER:  
**G102**  
SHEET No: 2 of 15

FILE NAME: J:\Projects\2025\25-01\25-01.dwg - New Training Facility - 25/01/2025 10:00 AM - 10/01/2025 10:00 AM - 10/01/2025 10:00 AM




**SITE PLAN**  
 SCALE: 1" = 10'

<b>PLANNING</b>
ZONED GOVERNMENT
<b>FLOOD ZONE</b>
ZONE 'C'
<b>BUILDING ELEVATION</b>
EXISTING NATURAL GRADE ELEVATION = 11.2' FINISHED FLOOR ELEVATION = 18.3'
<b>BUILDING</b>
BUILDING SQUARE FOOTAGE 3,150.0

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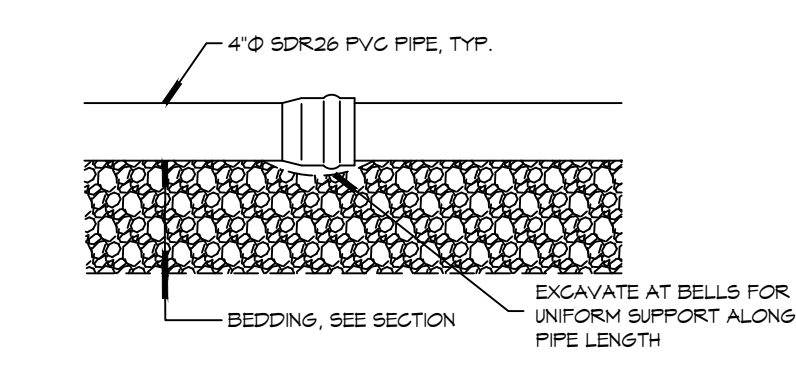
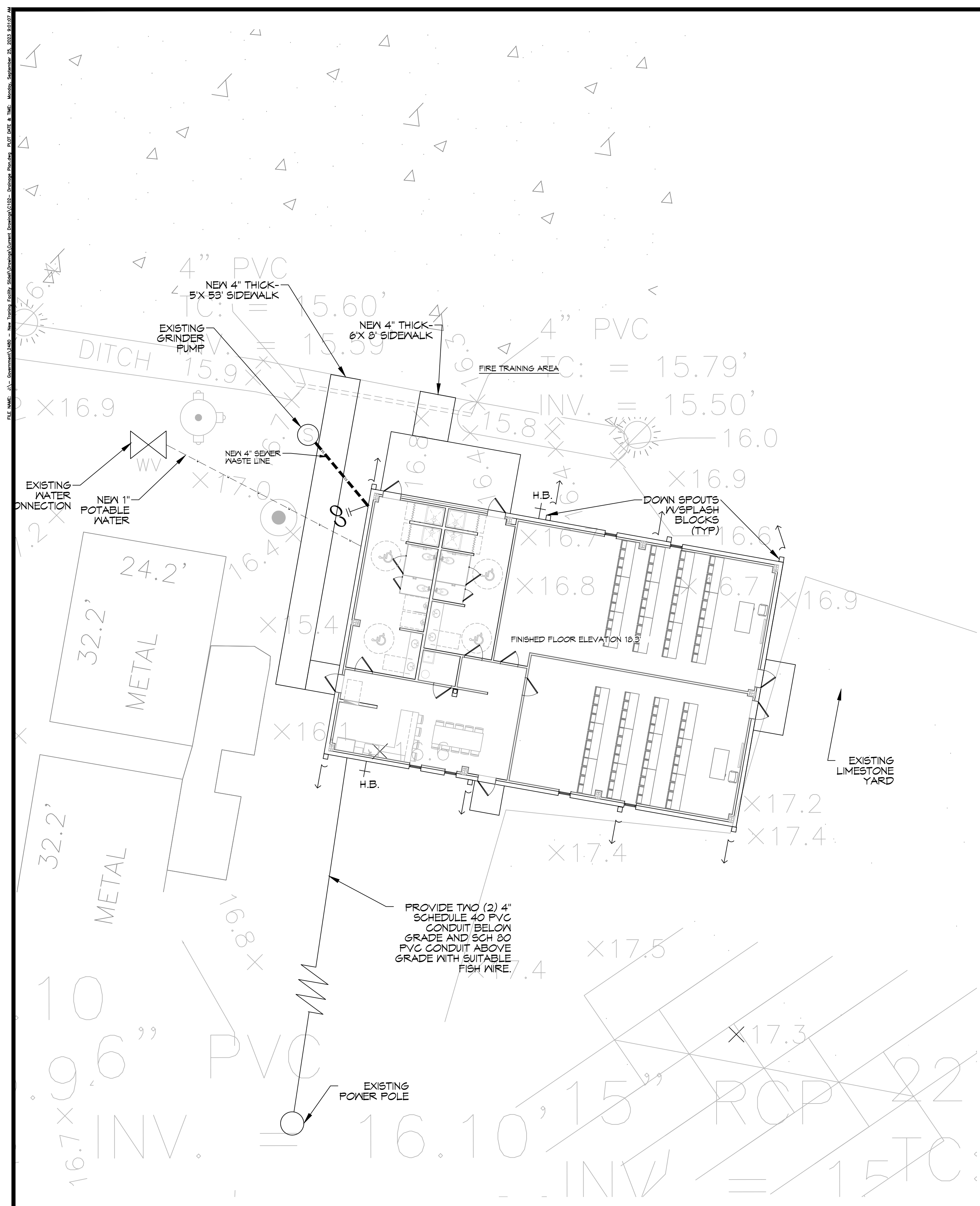
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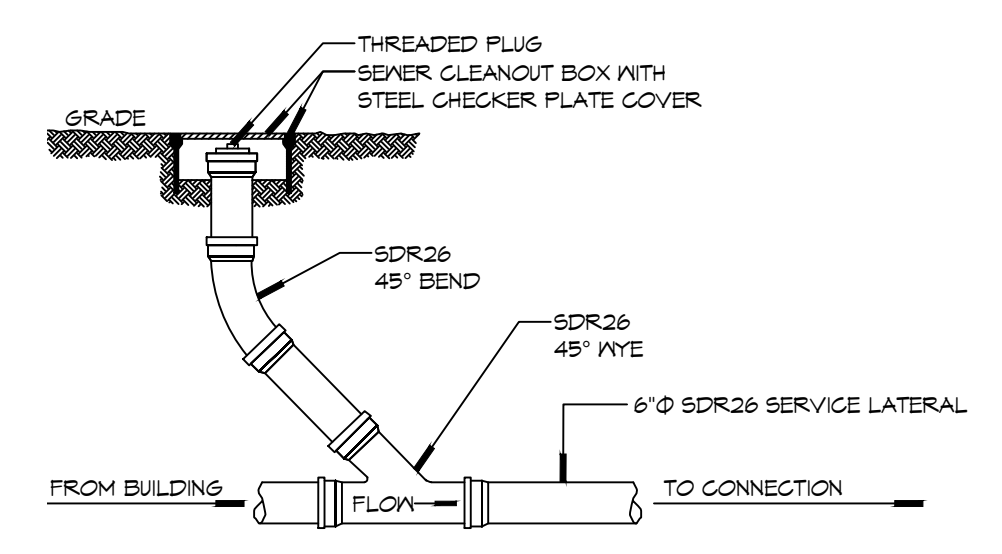
NEW TRAINING FACILITY  
**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 34180 S RANGE ROAD  
 SLIDELL, LA 70460  
 JOB No: 2480 DATE: 09-25-2025  
 DRAWN BY: JMS CHECKED BY: CKD

SHEET TITLE:  
 SITE PLAN

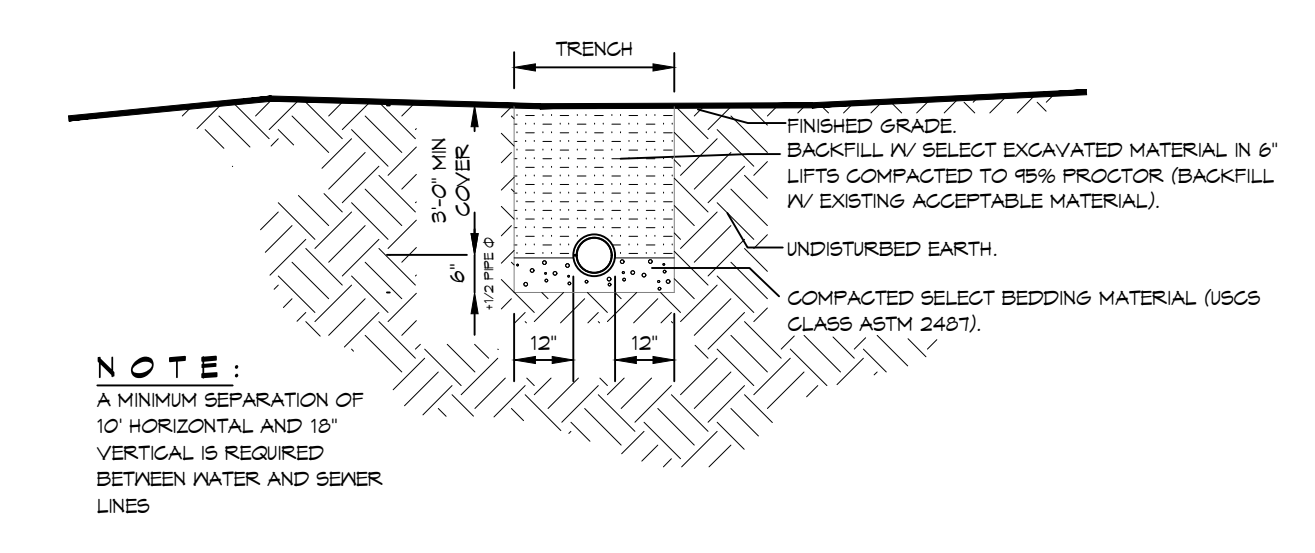
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**C101**  
 SHEET No: 3 of 15



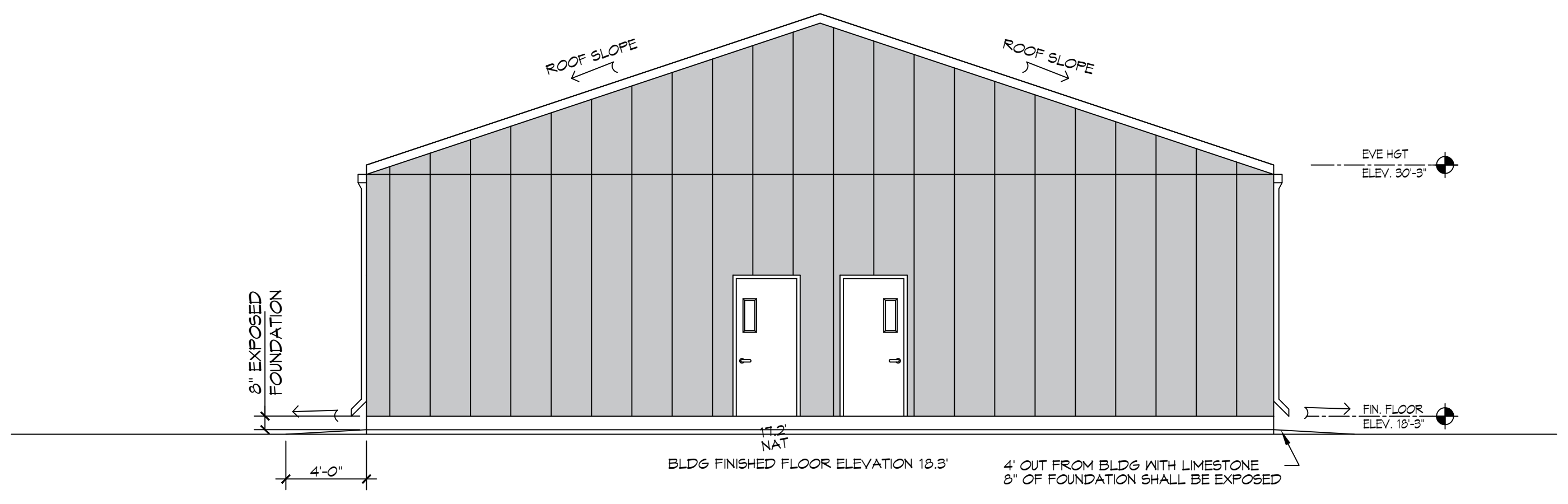
**DETAIL**  
SCALE: N.T.S. TYPICAL PIPE BEDDING



**DETAIL**  
SCALE: N.T.S. SEWER CLEAN OUT



**DETAIL**  
SCALE: N.T.S. SEWER AND WATER SEPERATION



**8\"/>**

**GENERAL STRIPING NOTES**

- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM.

**DRAINAGE NOTES**

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

**DRAINAGE LEGEND**

ELEVATIONS  
 EXISTING CATCH BASIN

**GENERAL SITE NOTES**

- 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.
- CONTRACTOR TO BE RESPONSIBLE TO VERIFY ANY INVERTS AND SET NEW INVERTS OF SEWAGE AND DRAINAGE PIPES.
- ALL WORK AND MATERIAL TO COMPLY STRICTLY TO THE LATEST LOCAL CITY PARISH, STATE, AND NATIONAL GOVERNING CODES.
- SEWAGE LINES 3\"/>

**SITE UTILITIES LEGEND**

NEW SEWER WASTE LINE  
 NEW WATER LINE

**DAMMON ENGINEERING, INC.**  
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#	DESCRIPTION	DATE



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

34180 S RANGE ROAD  
SLIDELL, LA 70460

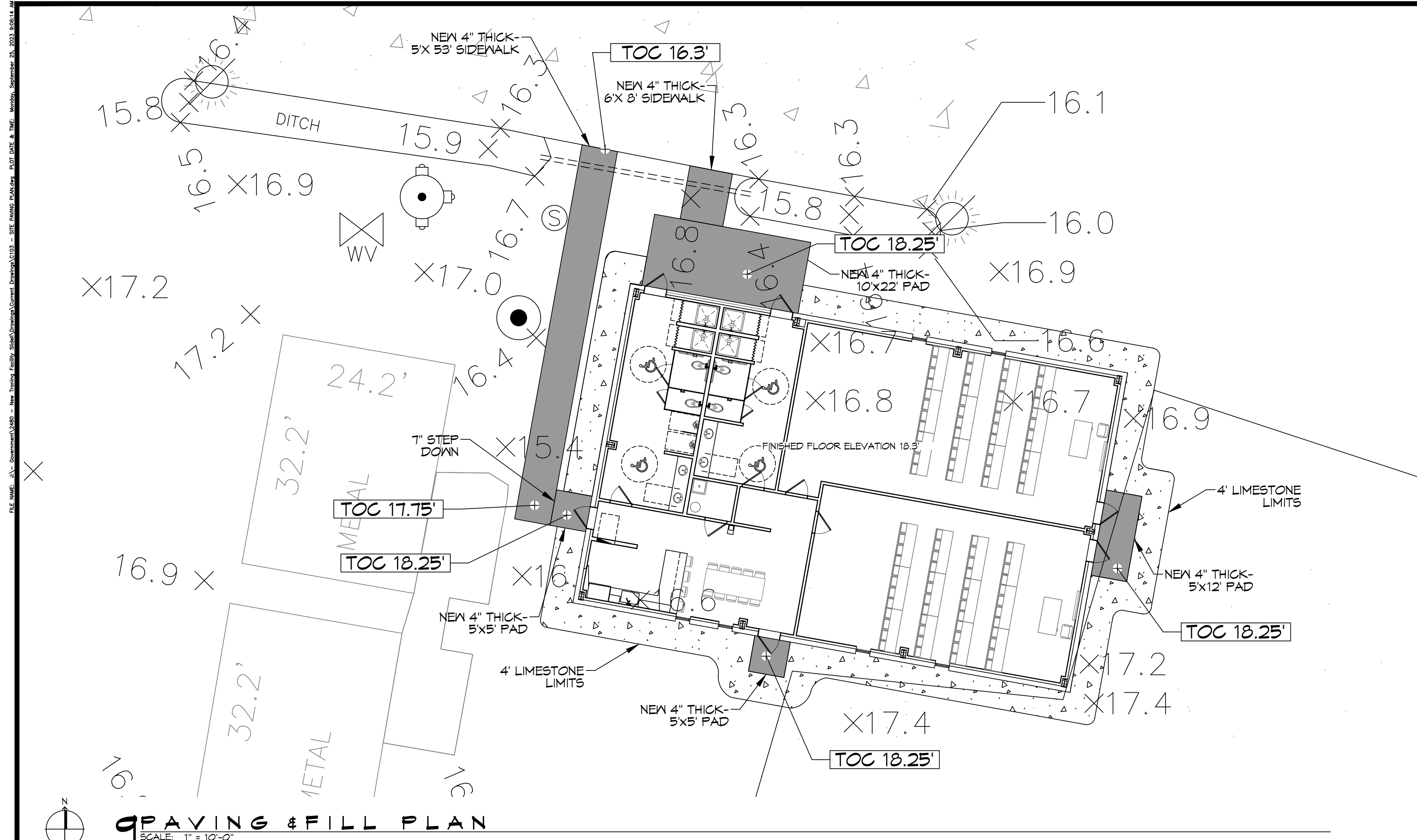
JOB No: 2480 | DATE: 09-25-2025  
DRAWN BY: BAW | CHECKED BY: CKD

SHEET TITLE:  
DRAINAGE & FILL SITE PLAN

DRAWING NUMBER:  
**C102**

SHEET No: 4 of 15

**7\"/>**



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

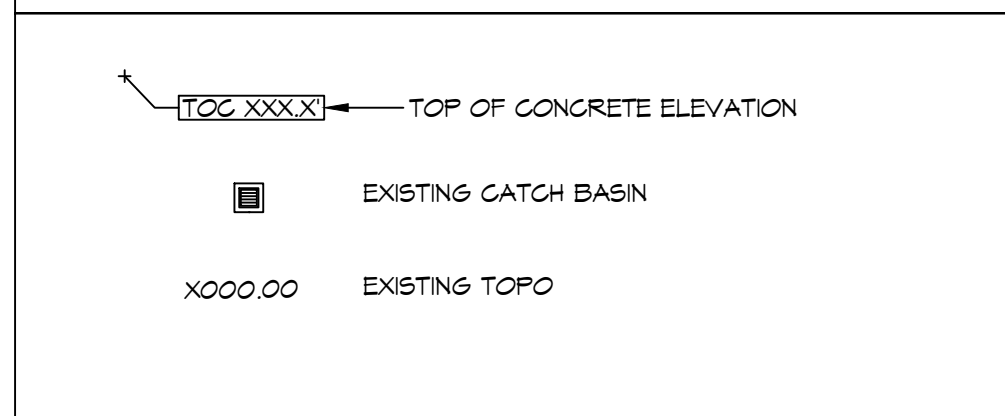
**GENERAL SIDEWALK NOTES**

SIDEWALKS = 4" 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 PRE-APPROVED 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 PADS.

**PAVING LEGEND**

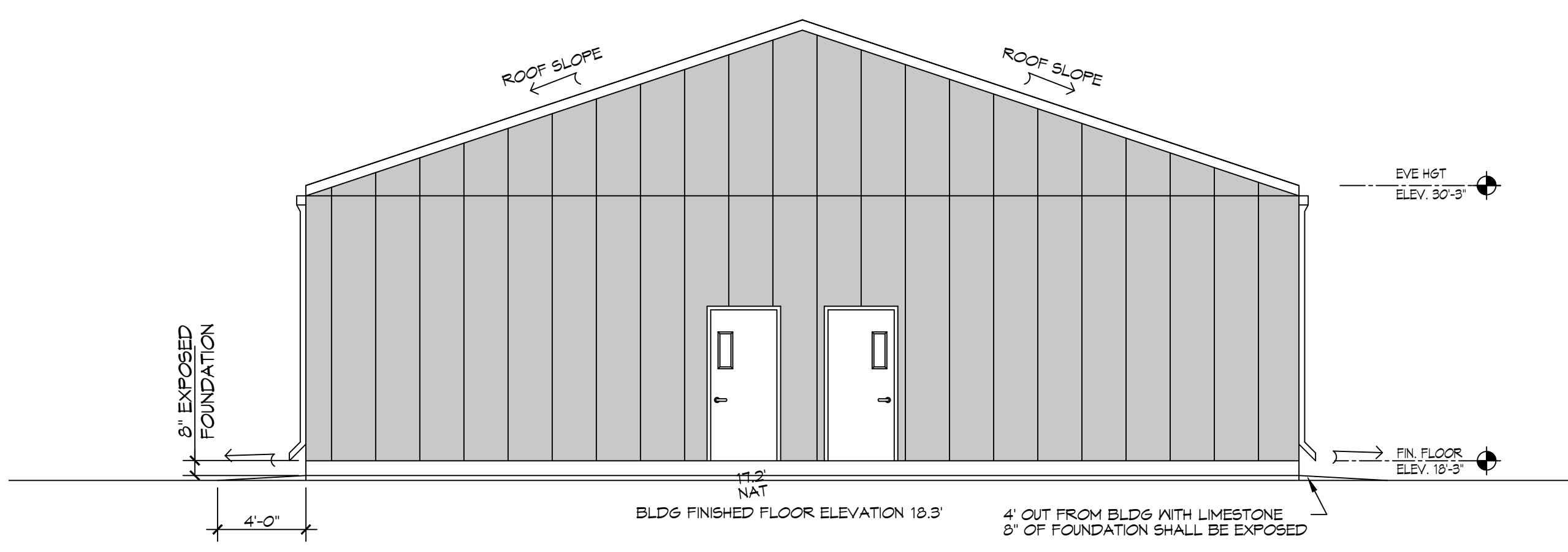


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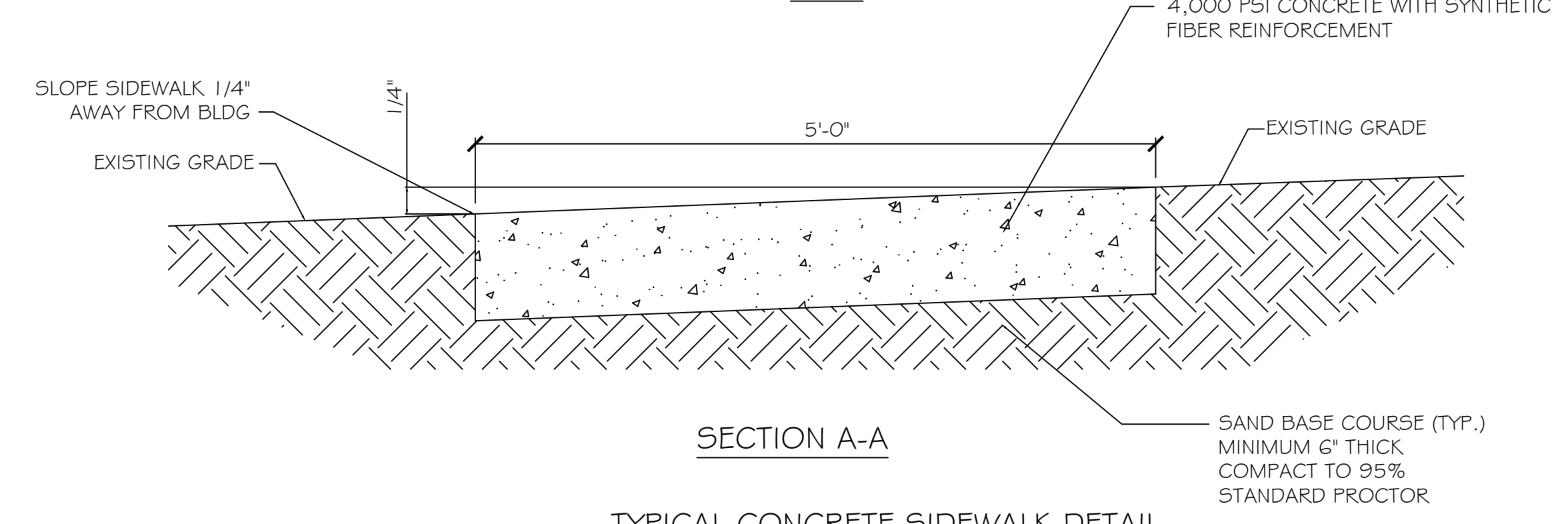
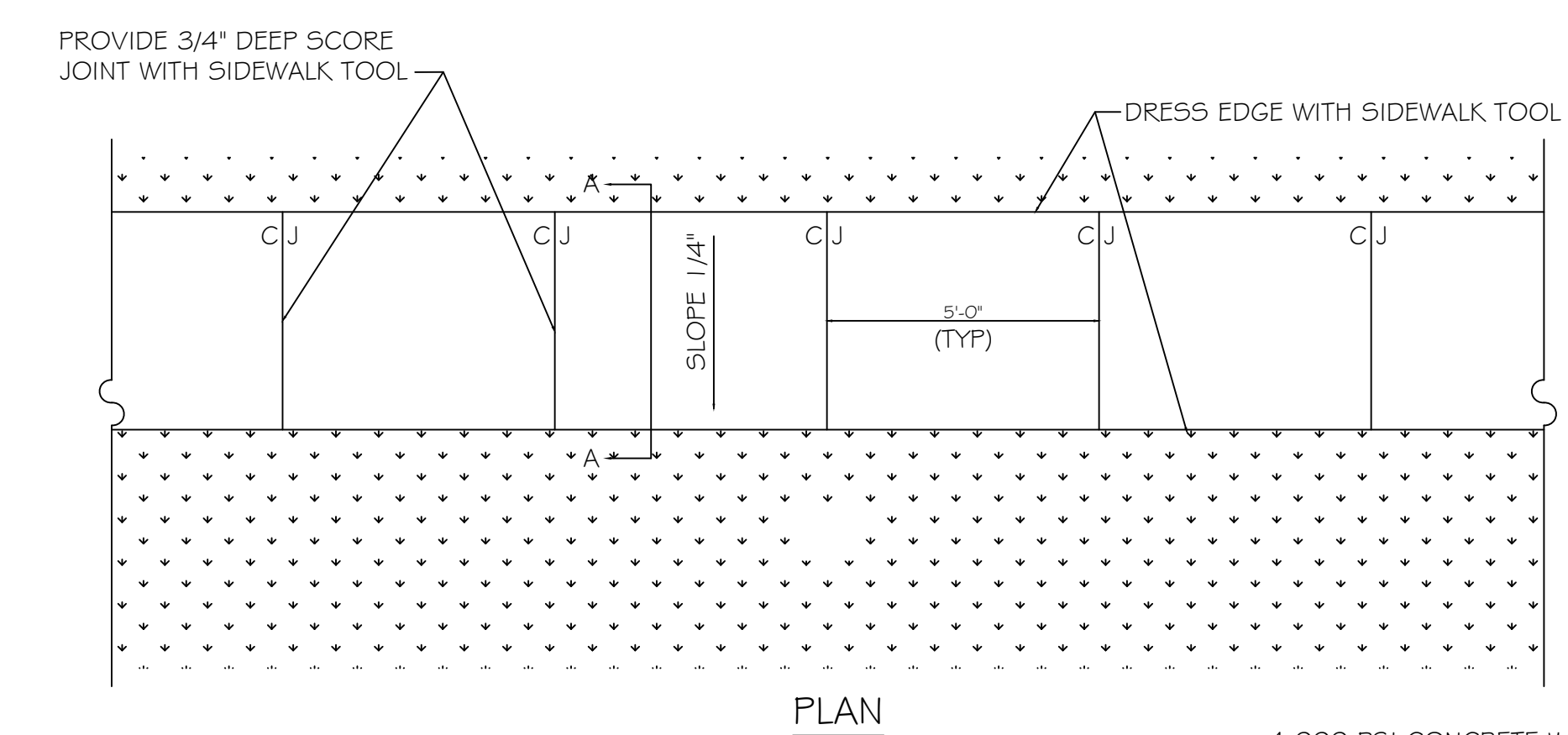
Chief Engineer: Brian Mistich, PE  
554 Old Spanish Trail  
Slidell, LA 70468

#	DESCRIPTION	DATE

SEAL:



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



**TYPICAL CONCRETE SIDEWALK DETAIL**  
N.T.S.

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

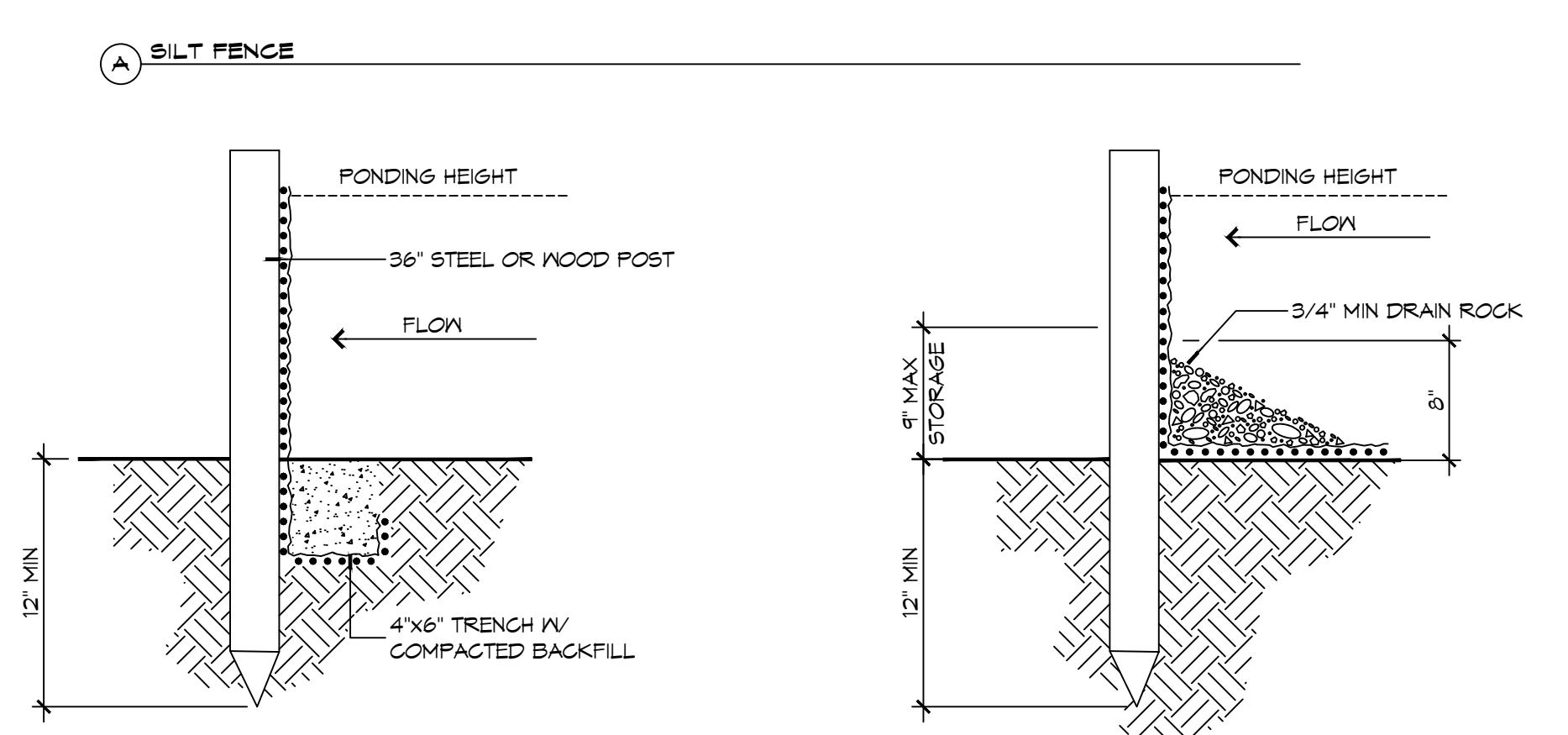
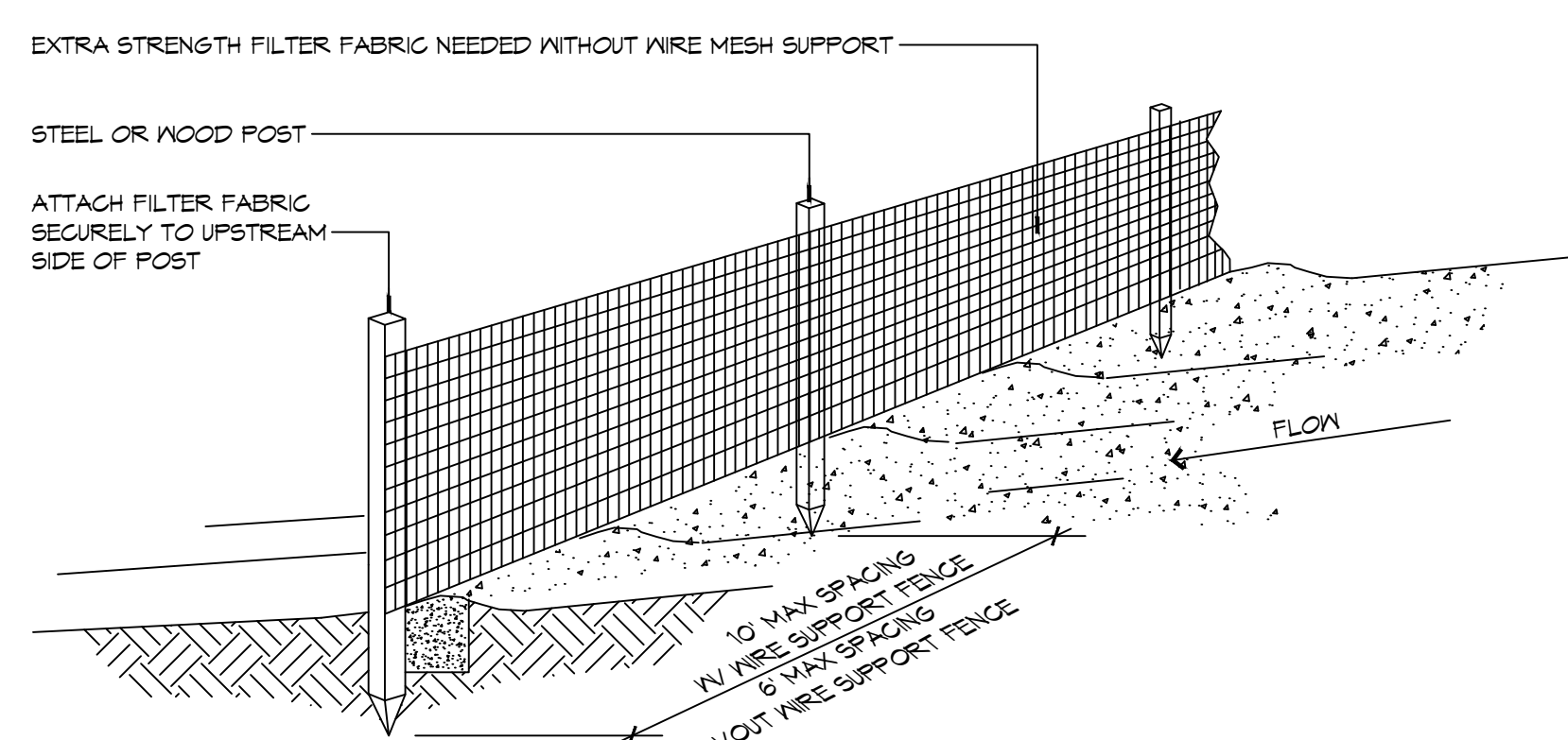
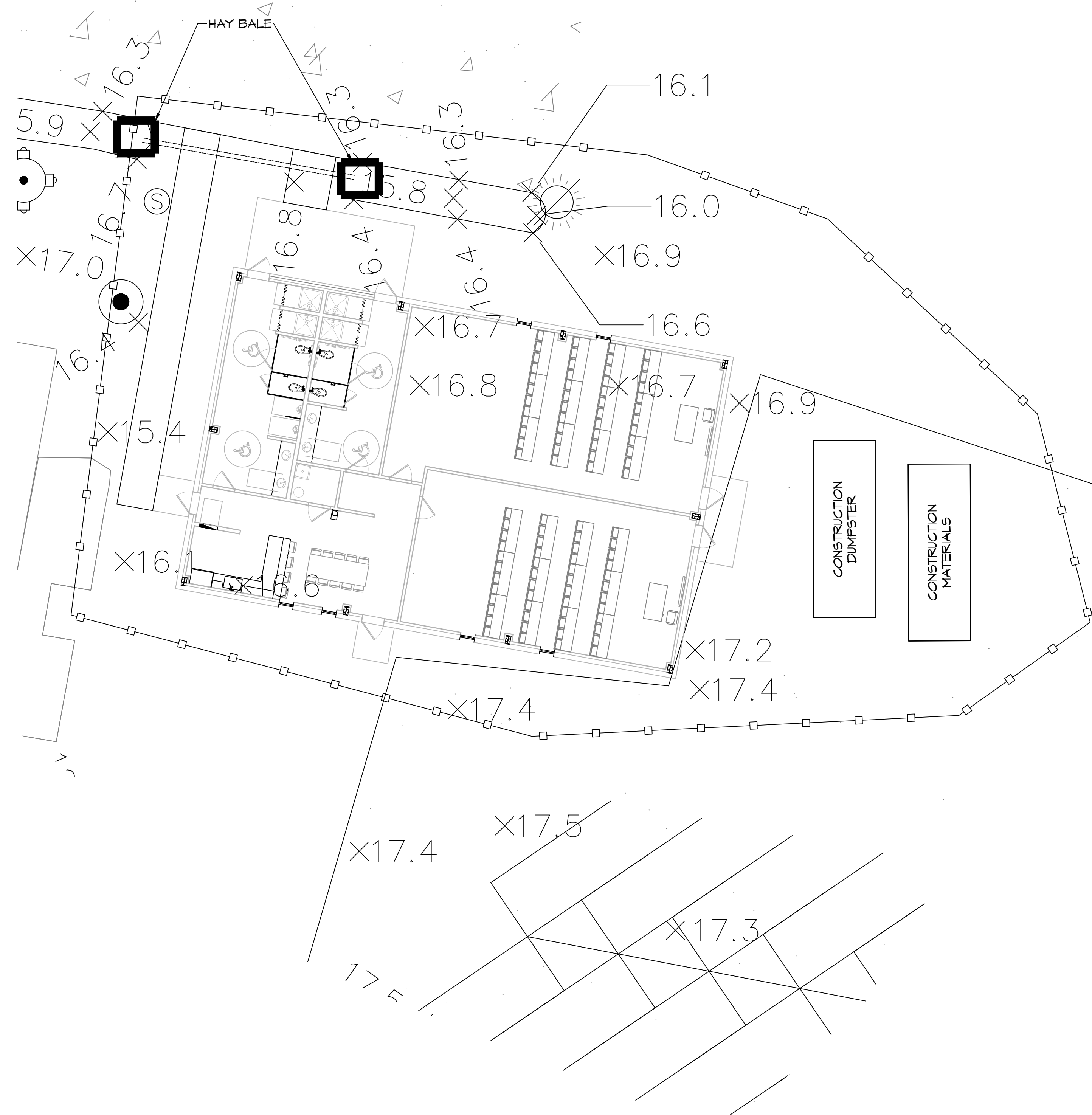
94180 S RANGE ROAD  
SLIDELL, LA 70460  
JOB No: 2460 DATE: 01-25-2025  
DRAWN BY: BAW  
CHECKED BY: BAW

SHEET TITLE:  
PAVING & FILL PLAN

DRAWING NUMBER:  
**C103**

SHEET No: 5 of 15

E.C. MARK - DAMMON ENGINEERING, INC. - New Orleans, Louisiana, 70112-3404 - Erosion Control Plans - 10/20/2018 - 10/20/2018 - 10/20/2018



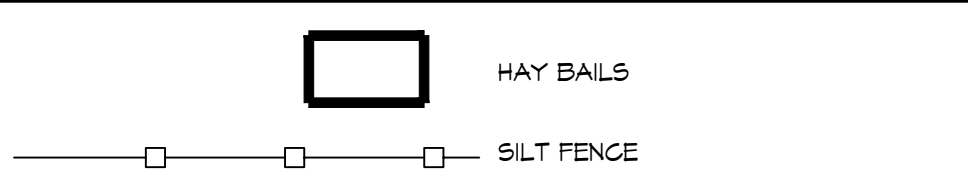
### GENERAL EROSION CONTROL NOTES

- ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
- APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS, AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL THE SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
- ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION'S STANDARDS.
- THE SITE SHALL BE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL CATCH BASIN INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THESE PLANS.
- EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
- ANY AREA OUTSIDE THE PROJECT LIMIT THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.
- ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.
- ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ON TO PUBLIC/PRIVATE ROADS.

### SILT FENCE INSTALLATION NOTES

- THE BASE OF BOTH END POSTS MUST BE AT LEAST 2'-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE WIDEST PART OF THE DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL. IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
- INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6 - 7 FEET APART ON STANDARD APPLICATIONS.
- INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
- INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
- ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON A POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
- WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
- NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND LEVEL.
- THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SILT IF NECESSARY.
- COMPACTION IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 60 PSI OF PRESSURE. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
- SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
- INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. NINE INCH MAXIMUM RECOMMENDED STORAGE HEIGHT.
- REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

### EROSION CONTROL LEGEND



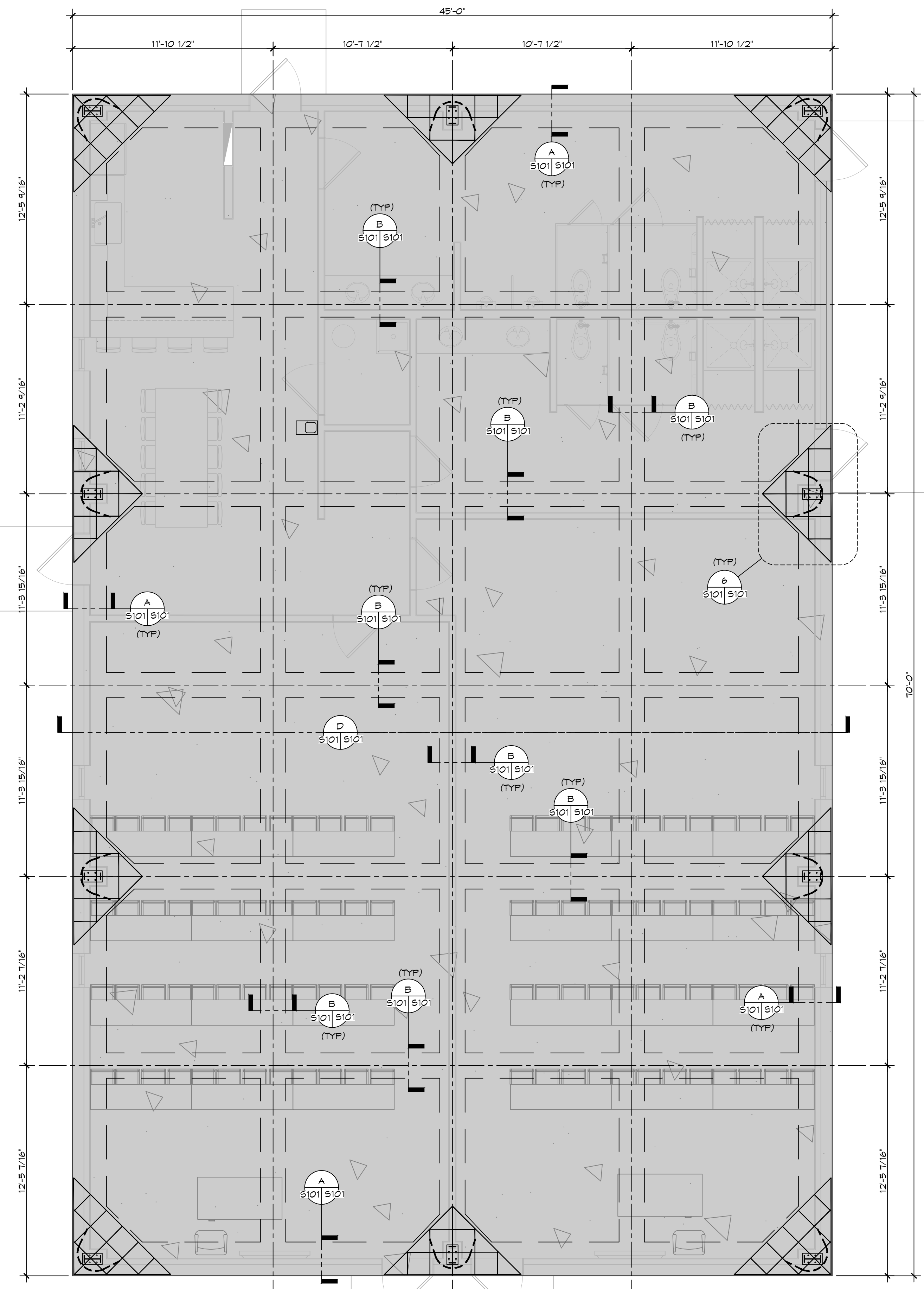
**DAMMON ENGINEERING, INC.**  
 LOUISIANA & MISSISSIPPI  
 Chief Engineer: Brian Mistich, PE  
 554 Old Spanish Trail  
 Slidell, LA 70458  
 www.dammonengineering.com  
 info@dammonengineering.com  
 PH: 985.649.5832

REVISIONS	DATE
1	08-28-21
ADDED DUMPSTER	

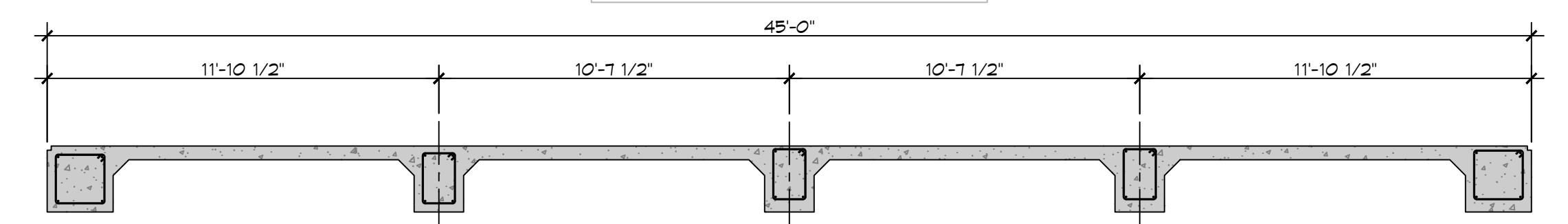


NEW TRAINING FACILITY  
**ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1**  
 84780 S RANGE ROAD  
 SLIDELL, LA 70460  
 JOB No: 2480  
 DATE: 04-25-2023  
 DRAWN BY: CKD  
 CHECKED BY: BAKY

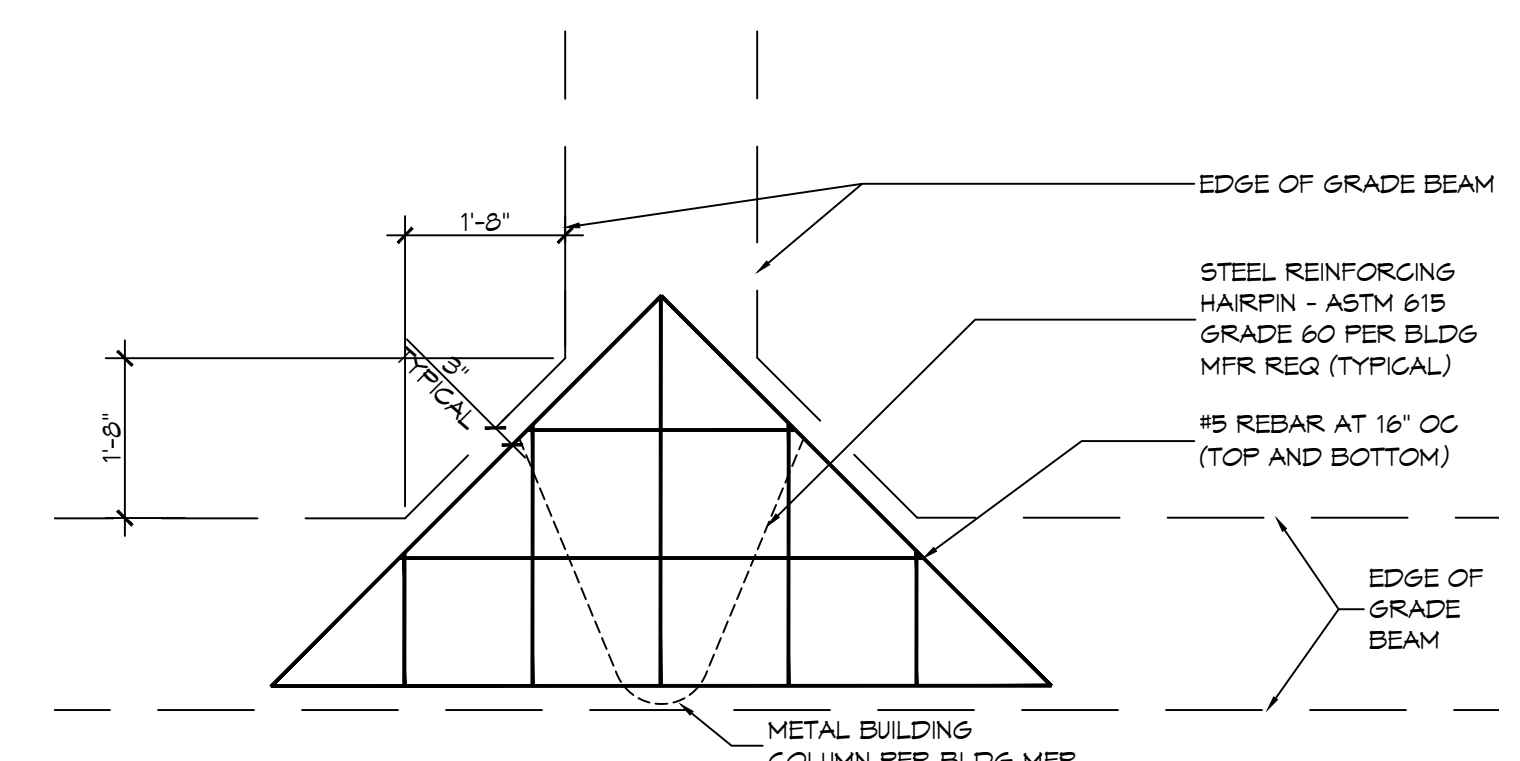
SHEET TITLE:  
**EROSION CONTROL AND DETAILS**  
 DRAWING NUMBER:  
**C104**  
 SHEET No: 6 of 15



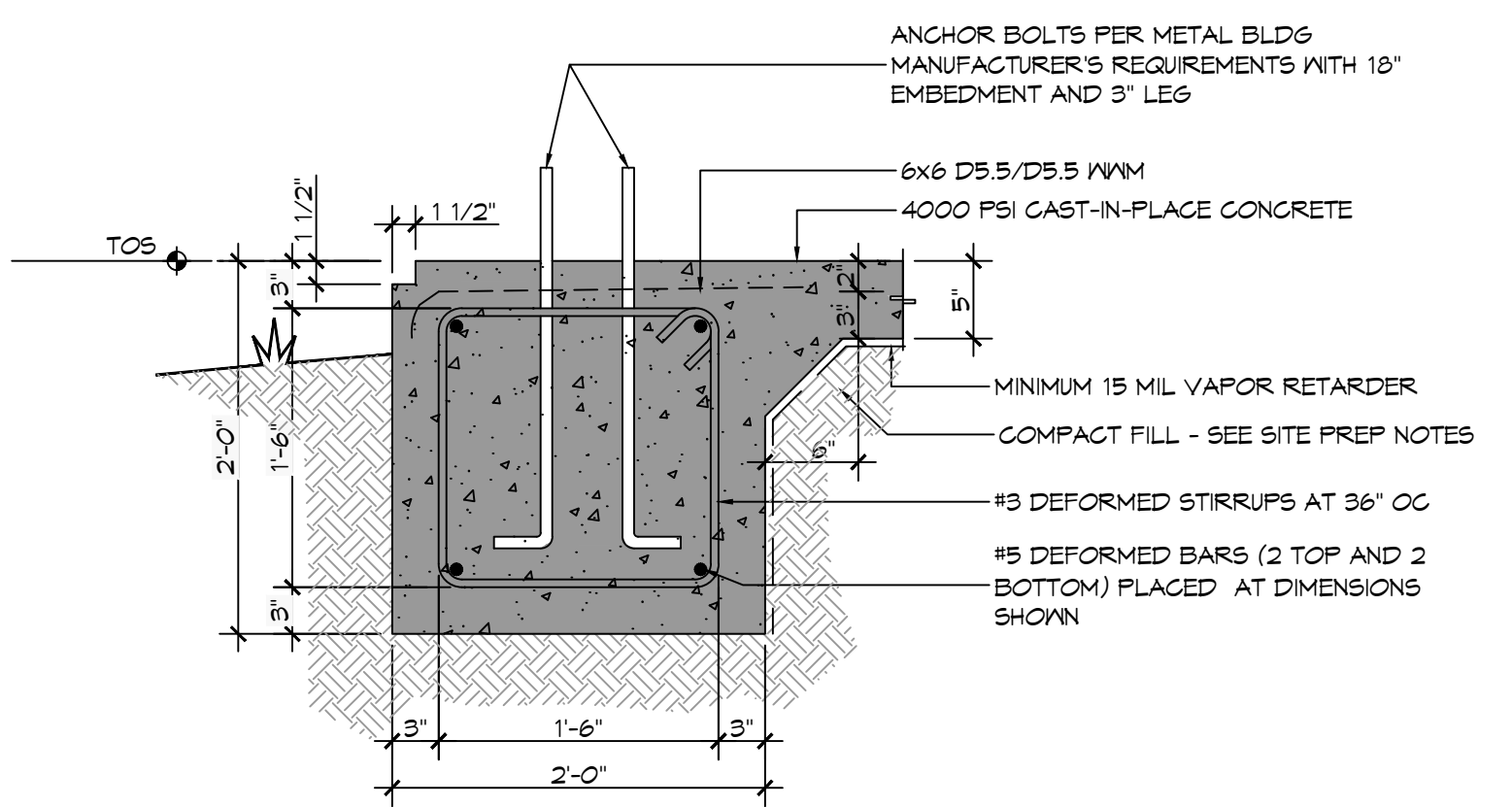
**13 FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



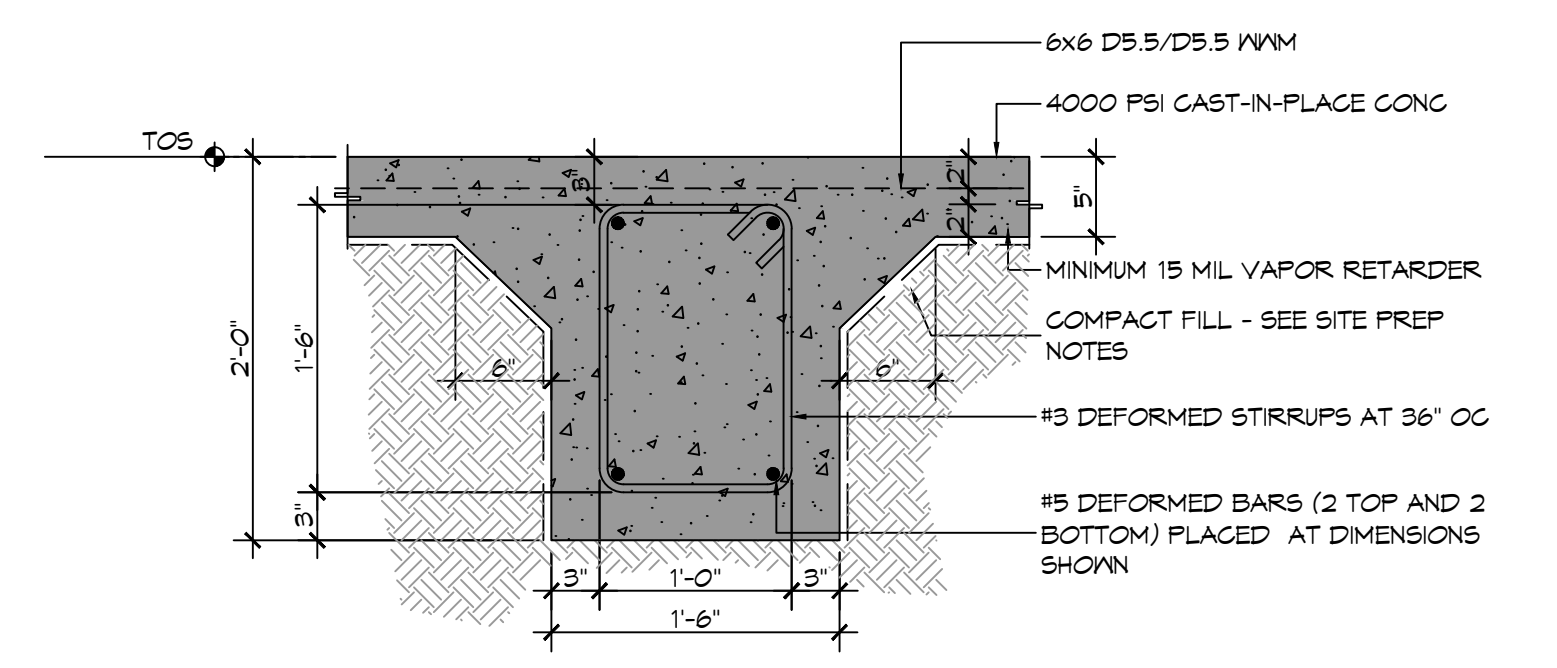
**D FOUNDATION SECTION**  
SCALE: 1/4" = 1'-0"



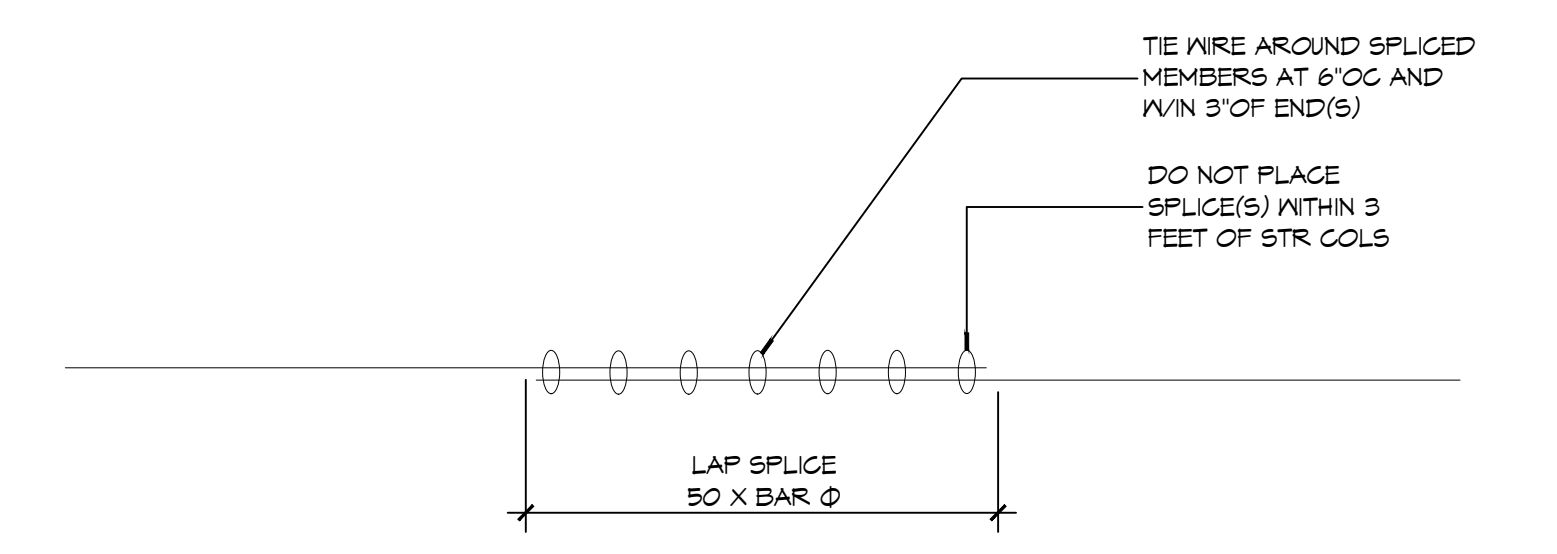
**13A DETAIL**  
SCALE: 1/2" = 1'-0"



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



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



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

**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-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.

**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 (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO 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.

**DAMMON ENGINEERING, INC.**  
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Chief Engineer: Brian A. Misch, PE  
info@dammonengineering.com  
PH: 985.649.9532

#	DESCRIPTION	DATE



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

34180 S RANGE ROAD  
SLIDELL, LA 70460

JOB No: 24801 DATE: 09-25-2025  
DRAWN BY: BAW  
CHECKED BY: BAW

SHEET TITLE:  
FOUNDATION PLAN

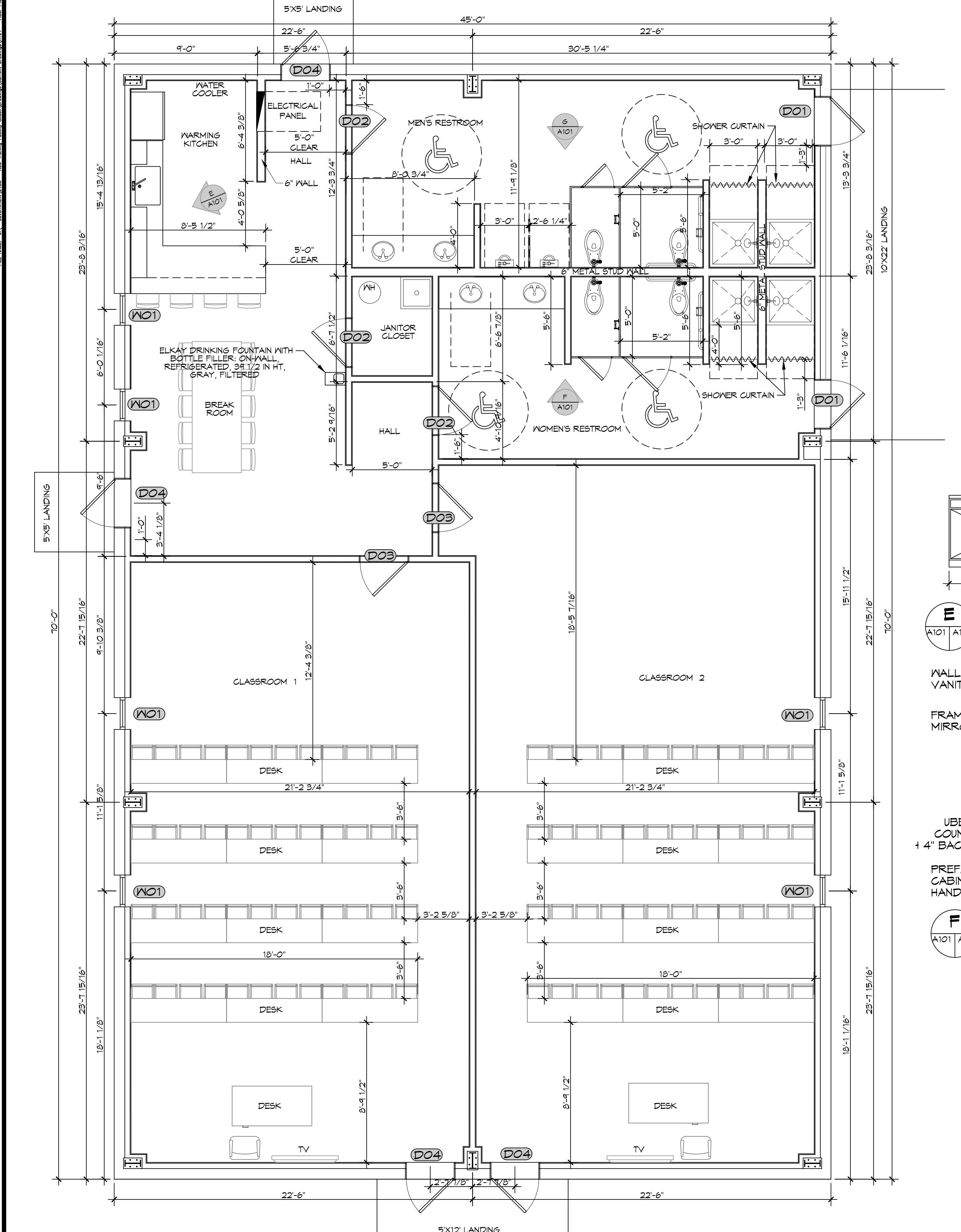
DRAWING NUMBER:  
**S101**

SHEET No: 7 of 15

# FINISH SCHEDULE

ROOM	FLOOR	BASE	WALLS				CEILING	NOTES
			NORTH	EAST	SOUTH	WEST		
CLASSROOM #1	6" MILE STONE PLANKS	4" RUBBER	5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	2X2 LAYIN TILE	
CLASSROOM #2			5/8" GNB	5/8" GNB	5/8" GNB	5/8" GNB	2X2 LAYIN TILE	
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		
MENS TOILET			5/8" MR GNB	5/8" MR GNB	5/8" MR GNB	5/8" MR GNB		

NOTE - (MR) MOLD RESISTANT



**14 FLOOR PLAN**  
SCALE: 1/4" = 1'-0"

3150 SQ. FT.

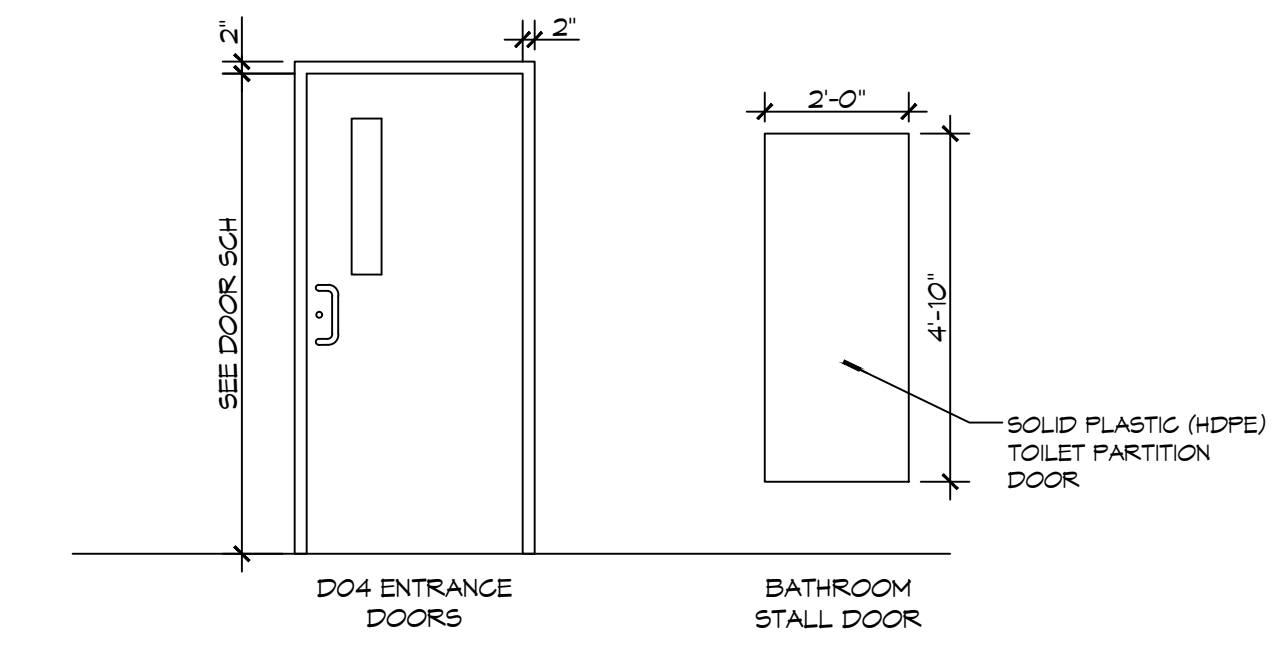
# DOOR SCHEDULE

MK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME	FR	REMARKS
DO1	3'-0"	6'-8"	1-3/4"	STEEL	MTL	NR	INSULATED WITH CLOSER
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

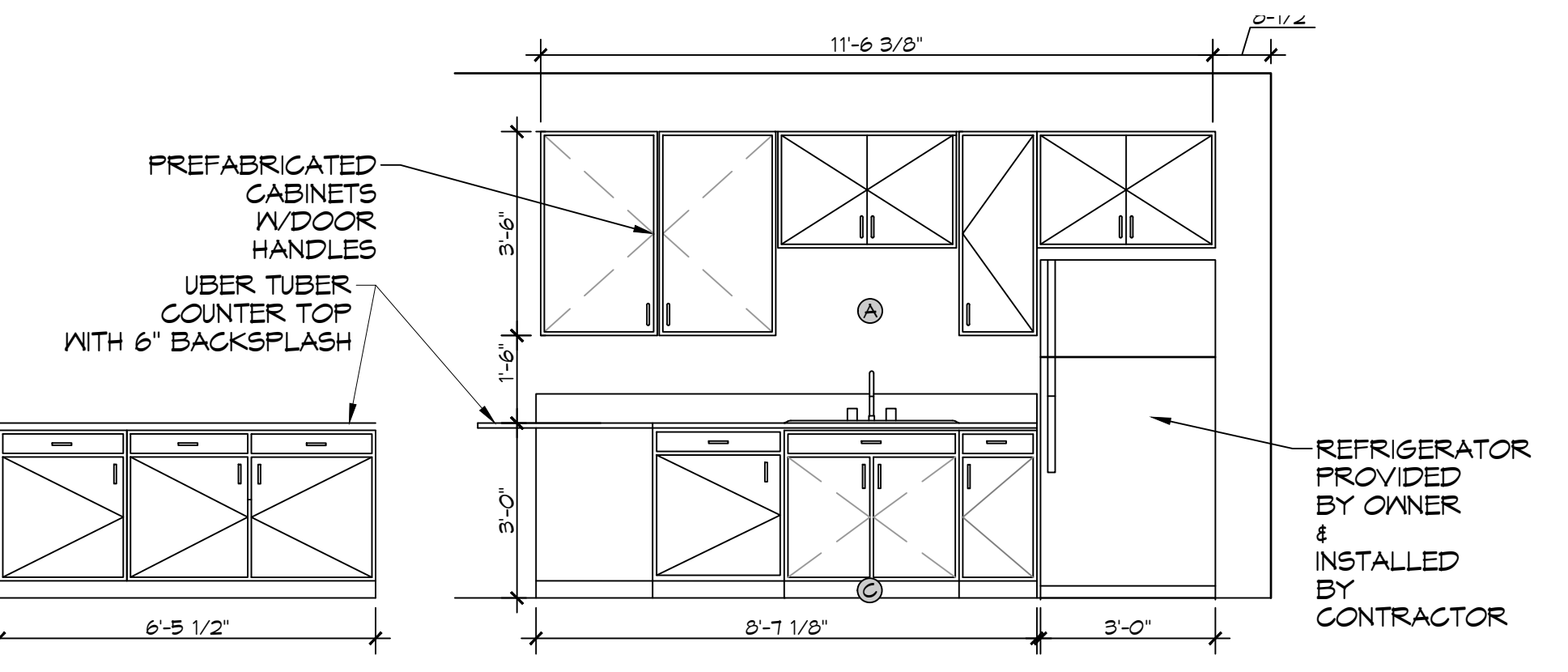
NOTE: ALL DOORS ARE TO BE FITTED WITH COMMERCIAL GRADE HARDWARE AND HANDLES.  
ALL EXTERIOR DOOR ASSEMBLIES TO BE RATED FOR 130 MPH WINDS AND SHALL BE MISSILE IMPACT RESISTANT.  
DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED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

# GENERAL NOTES

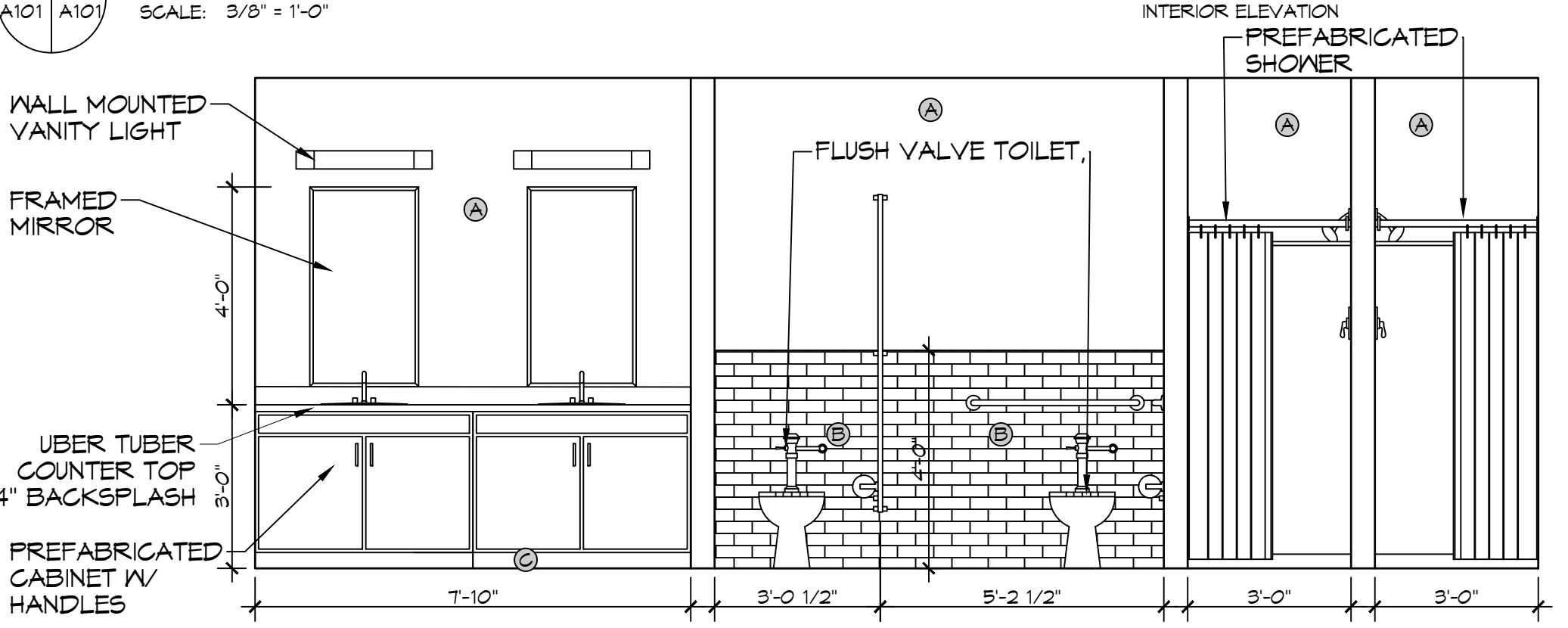
- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC 2021 SECTION T22.  
A. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450.  
B. FACING SHALL COMPLY WITH IBC 2015.
- ALL MATERIALS SHALL BE NEW AND UL LISTED.
- NO WORK SHALL BE CONCEALED 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 CAULKING SHALL BE THICKAL 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 BILL 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.



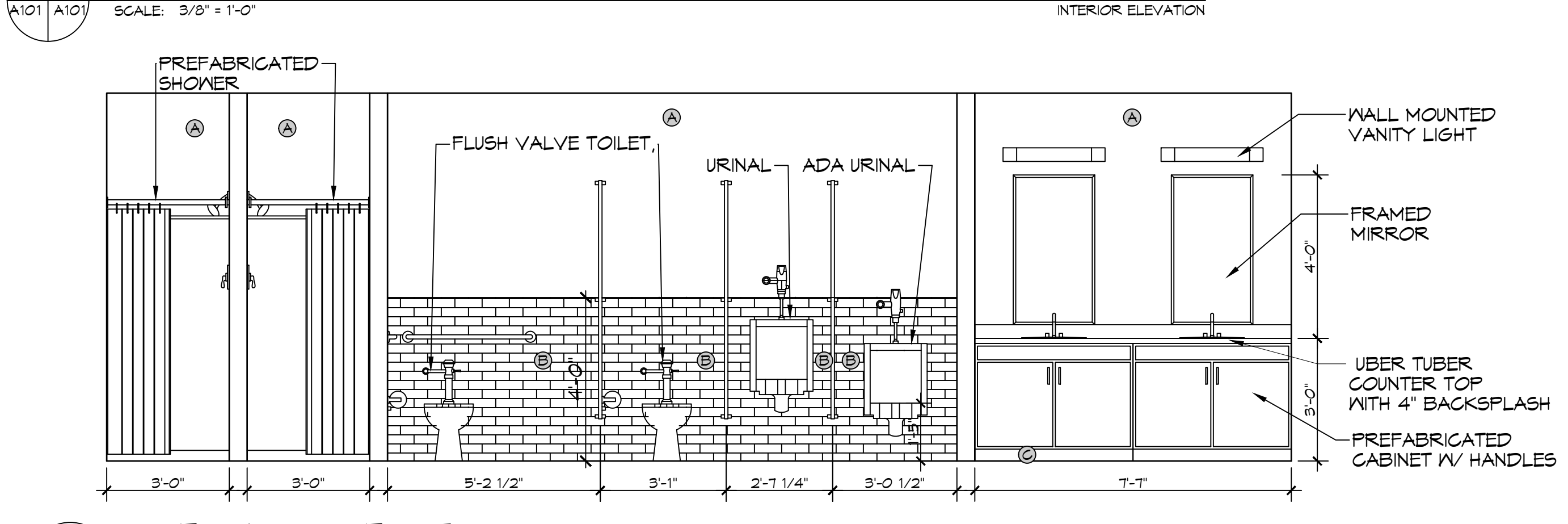
**2 DOOR ELEVATIONS**  
SCALE: 3/8" = 1'-0"



**E WARMING KITCHEN**  
SCALE: 3/8" = 1'-0"



**F WOMEN'S RESTROOM**  
SCALE: 3/8" = 1'-0"



**G MEN'S RESTROOM**  
SCALE: 3/8" = 1'-0"

# WINDOW SCHEDULE

MK	WIDTH	HEIGHT	TYPE	FRAME	FR	REMARKS
W1	2'-0"	6'-0"	SINGLE HUNG	ALUM	NR	

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

# OWNER FURNISHED CONTRACTOR INSTALLED

- A. REFRIGERATOR
- B. MICROWAVE
- C. TVS AND MOUNTING BRACKETS
- D. COMMUNICATIONS EQUIPMENT
- E. SHOWER CURTAIN AND ROD

# PAINT CALLOUT

- (A) PAINTED SHEETROCK
- (B) WALL TILE
- (C) 4" RUBBER BASE BOARD

REFER TO FINISH SCHEDULE FOR ALL FINISHES

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PH: 985.649.4832  
Chief Engineer: Brian March, PE  
554 Old Spanish Trail  
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

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

34780 S RANGE ROAD  
SLIDELL, LA 70460  
JOB No: 24-00  
DATE: 01-25-2023  
DRAWN BY: CKD  
CHECKED BY: JMS

SHEET TITLE:  
FLOOR PLAN

DRAWING NUMBER:  
**A101**

SHEET No: 8 of 15

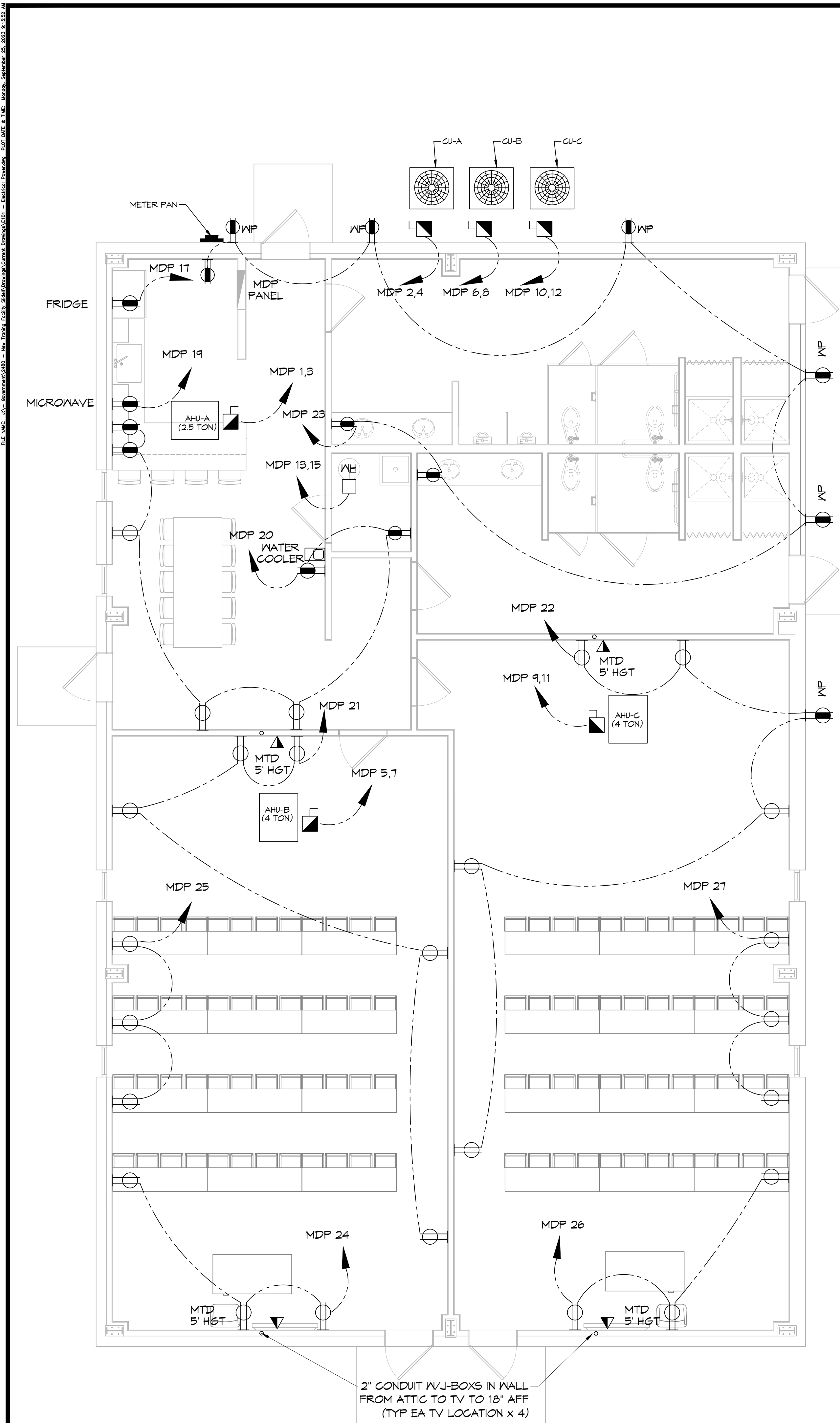












### PANEL SCHEDULE

PANEL: MDP HALLWAY  
 LOCATION: GLECO  
 FEEDER SOURCE: GLECO

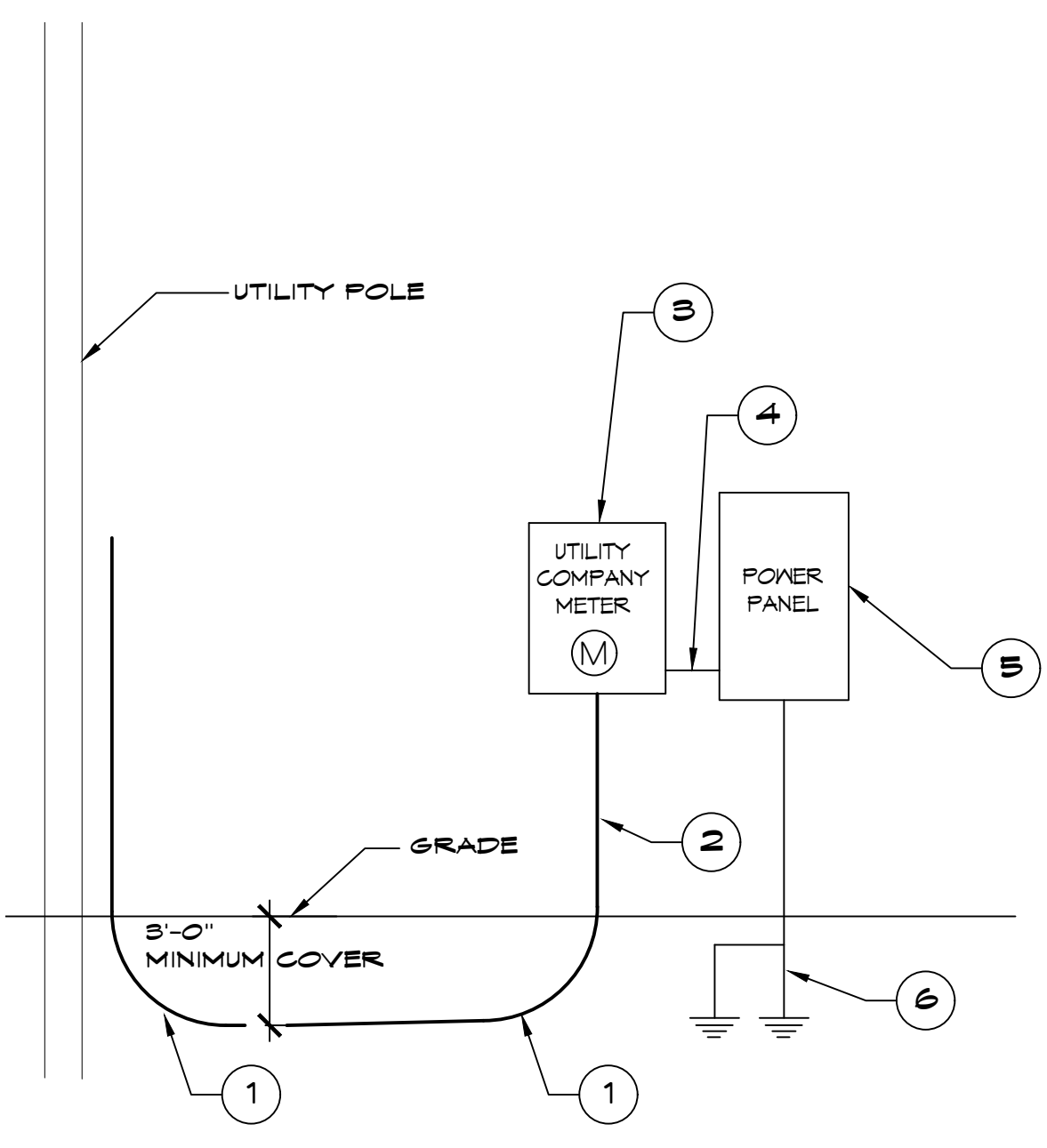
VOLTAGE: 120/240V, 400A, 1Ø, 3W/4WE  
 ENCLOSURE: FLUSH MOUNTED IV EQUIPMENT GND BAR 80 D TYPE G0 LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP POLE	LOAD (kva)	AG		BØ		LOAD (kva)	BREAKER POLE AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
					Ø	Ø	Ø	Ø					
1	#10	AHU-A, 2-1/2 TON; IV 3.84 KW HEAT	25 2	3.0	Ø	Ø	Ø	Ø	3.0	2 35	CU-A, 3 TON	#8	2
3	#10	AHU-B, 4 TON; IV 3.84 KW HEAT	30 2	3.0	Ø	Ø	Ø	Ø	3.0	2 40	CU-B, 4 TON	#8	4
5	#10	AHU-C, 4 TON; IV 3.84 KW HEAT	30 2	3.2	Ø	Ø	Ø	Ø	3.4	2 40	CU-C, 4 TON	#8	6
7	#10	AHU-C, 4 TON; IV 3.84 KW HEAT	30 2	3.2	Ø	Ø	Ø	Ø	3.4	2 40	CU-C, 4 TON	#8	8
9	#10	AHU-C, 4 TON; IV 3.84 KW HEAT	30 2	3.2	Ø	Ø	Ø	Ø	3.4	2 40	CU-C, 4 TON	#8	10
11	#10	AHU-C, 4 TON; IV 3.84 KW HEAT	30 2	3.2	Ø	Ø	Ø	Ø	3.4	2 40	CU-C, 4 TON	#8	12
13	#10	WATER HEATER	30 2	2.2	Ø	Ø	Ø	Ø	1.2	1 20	RESTROOM LIGHTS	#12	14
15	#10	WATER HEATER	30 2	2.2	Ø	Ø	Ø	Ø	0.6	1 20	RESTROOM LIGHTS	#12	16
17	#12	REFRIGERATOR	20 1	0.8	Ø	Ø	Ø	Ø	1.2	1 20	CLASS ROOM LIGHTS	#12	18
19	#12	MICROWAVE	20 1	1.0	Ø	Ø	Ø	Ø	1.3	1 20	OUTLETS	#12	20
21	#12	OUTLETS	20 1	1.3	Ø	Ø	Ø	Ø	1.4	1 20	OUTLETS	#12	22
23	#12	RESTROOM & EXTERIOR OUTLETS	20 1	1.3	Ø	Ø	Ø	Ø	1.3	1 20	CLASSROOM OUTLET	#12	24
25	#12	CLASSROOM OUTLET	20 1	1.6	Ø	Ø	Ø	Ø	1.3	1 20	CLASSROOM OUTLET	#12	26
27	#12	CLASSROOM OUTLET	20 1	1.6	Ø	Ø	Ø	Ø	-	1 20	SPARE	-	28
29	-	SPARE	20 1	-	Ø	Ø	Ø	Ø	-	1 20	SPARE	-	30
31	-	SPACE			Ø	Ø	Ø	Ø			SPACE		32
33	-	SPACE			Ø	Ø	Ø	Ø			SPACE		34
35	-	SPACE			Ø	Ø	Ø	Ø			SPACE		36
37	-	SPACE			Ø	Ø	Ø	Ø			SPACE		38
39	-	SPACE			Ø	Ø	Ø	Ø			SPACE		40
41	-	SPACE			Ø	Ø	Ø	Ø			SPACE		42

SOLID NEUTRAL NEUTRAL WIRE (N)

TOTAL CONNECTED LOAD (kva): AG = 30.1 (kva), BØ = 28.5 (kva)

GROUND BUS GROUND WIRE (G)



- ONE LINE NOTES:**
- 36" LONG SWEEP ELBOW
  - PROVIDE TWO (2) 4" SCHEDULE 40 PVC CONDUIT BELOW GRADE AND SCH 80 PVC CONDUIT ABOVE GRADE WITH SUITABLE FISH WIRE.
  - 120/240V 1Ø 400amp METER PAN.
  - 3-500 MCM THHN, #4 GND, 3" C
  - 120/240V 1Ø 400A PANELBOARD WITH MAIN BREAKER.
  - 2-3/4" x 10' CU CLAD GND ROD, #1/0 CU GND WIRE. PROTECT IN PVC PIPE. CONNECT TO METAL BLDG. COLD WATER SUPPLY & GAS LINE. CAD WELD ALL CONNECTIONS.

### GENERAL POWER NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC, SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC, AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION.
- MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS, AND 3 FT IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING.
- INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- 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.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN A KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70-230-65, NFPA 250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70-250-23b.
- FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING 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.)
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

### POWER LEGEND

- DUPLEX RECEPTACLE - WALL MOUNTED
- GFCI DUPLEX RECEPTACLE - WALL MOUNTED
- WEATHER PROOF GFCI DUPLEX RECEPTACLE - WALL MOUNTED
- DATA OUTLET - WALL MOUNTED
- DISCONNECT SWITCH IV VIABLE BLADES
- FUSE DISCONNECT SWITCH IV VIABLE BLADES
- JUNCTION BOX

### 27 POWER PLAN

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

# DAMMON

## ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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 5640 Co. 26, Slidell, LA 70460  
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#	DESCRIPTION	DATE

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

SHEET TITLE:  
POWER PLAN

DRAWING NUMBER:  
**E101**

SHEET No: 14 of 15

Lighting Schedule

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

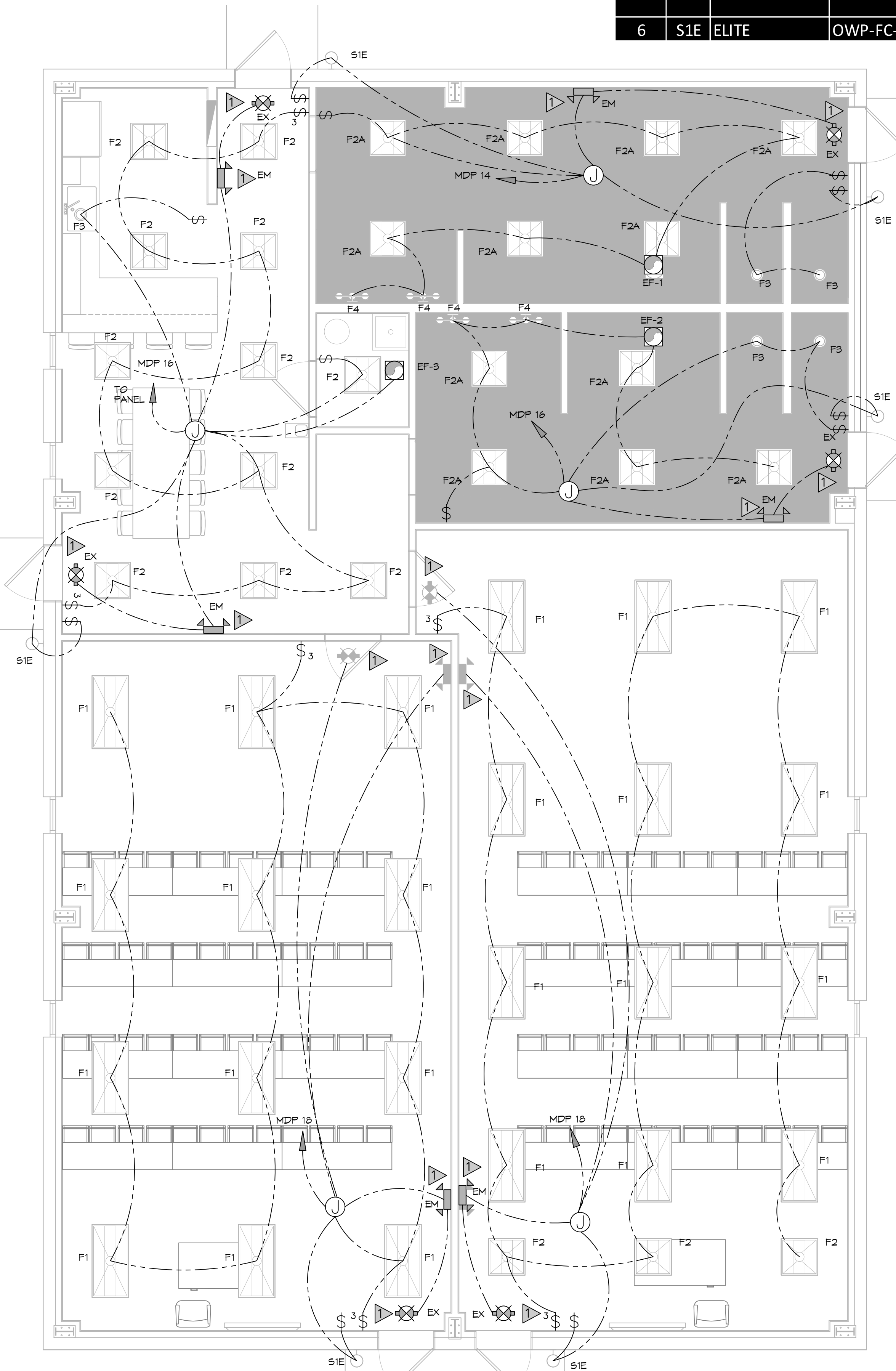
NOTE: NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.

GENERAL LIGHTING NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. 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.
3. 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.
4. 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.
5. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
6. 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.
7. ALL CONDUCTORS SHALL BE COPPER.
8. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
10. 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.
11. 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.
12. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
13. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.73G.

**DAMMON**  
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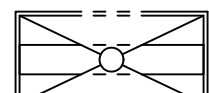
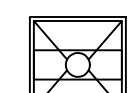

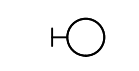

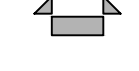

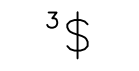



28 LIGHTING PLAN  
SCALE: 1/4"=1'-0"


#	DESCRIPTION	DATE



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

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

SHEET TITLE:  
LIGHTING PLAN

DRAWING NUMBER:

**E102**