



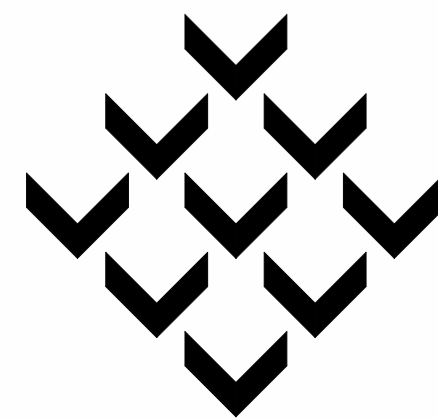
FIRE STATION 44

ADDITONS AND RENOVATIONS

THE REMOVAL OF AN ARCHITECT'S STAMP OR SEAL, AND/OR USE OF AN ARCHITECT'S PLANS, UNLESS OTHERWISE PROVIDED BY LAW, OR BY WRITTEN APPROVAL BY THE ARCHITECT, SHALL BE A VIOLATION OF LAW (R.S. 37:152)



THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY CLOSE SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH ALL CITY, PARISH AND STATE CODE REQUIREMENTS.
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Mandeville Louisiana

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project

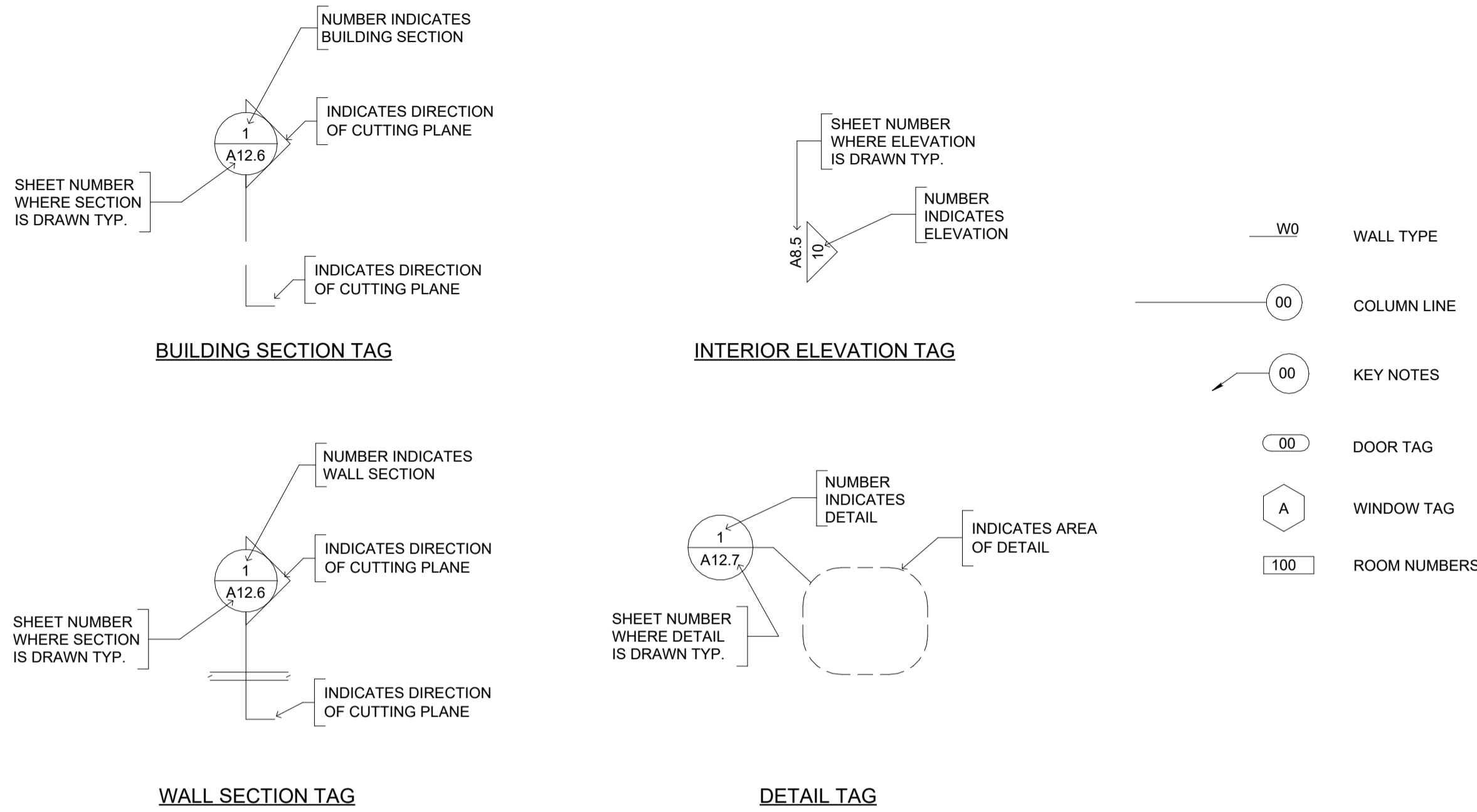
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1. PROJECT SYMBOLS



ABBREVIATIONS

A.F.F. - ABOVE FINISH FLOOR	EWC - ELECTRIC WATER COOLER	PLAS. LAM. - PLASTIC LAMINATE
ACT. - ACOUSTICAL CEILING TILE	FE - FIRE EXTINGUISHER	PLYWD. - PLYWOOD
ALUM. - ALUMINUM	FEC - FIRE EXTINGUISHER CABINET	P.T. - PRESSURE TREATED
BRD. - BOARD	FIN. - FINISH	REF. - REFRIGERATOR
BIT. - BITUMINOUS	F.R. - FIRE RESISTANT	RIENFD. - RIENFORCED
BLK. - BLOCK	F.V. - FLOOD VENT	REQ'D - REQUIRED
C.G. - CORNER GUARD	GA. - GAUGE	S.S. - STAINLESS STEEL
CLG. - CEILING	GALV. - GALVANIZED	SCH. - SCHEDULE
CLO. - CLOSET	GR. - GRADE	SIM. - SIMILAR
CMU - CONCRETE MASONRY UNIT	GWB - GYPSUM WALL BOARD	SQ. - SQUARE
CONC. - CONCRETE	GYP. - GYPSUM	SUSP. - SUSPENDED
CONT. - CONTINUOUS	H. - HIGH	T&B - TOP AND BOTTOM
DBL. - DOUBLE	H.M. - HOLLOW METAL	TELE. - TELEPHONE
DIA. - DIAMETER	H.P. - HIGH POINT	THK. - THICK
DN. - DOWN	HR. - HOUR	T.O. - TOP OF
DTL. - DETAIL	INSUL. - INSULATION	TRTD. - TREATED
EA. - EACH	JT. - JOINT	TYP. - TYPICAL
EL. ELEV. - ELEVATION	MAX. - MAXIMUM	UL - UNDERWRITERS LABORATORIES
ELECT. - ELECTRIC	MECH. - MECHANICAL	U.N.O. - UNLESS NOTED OTHERWISE
E.J. - EXPANSION JOINT	MIN. - MINIMUM	VERT. - VERTICAL
EXP. - EXPANSION	MTL. - METAL	W/ - WITH
EXT. - EXTERIOR	N.I.C. - NOT IN CONTRACT	

2. PROJECT DATA

CODES	
IBC 2021, INTERNATIONAL BUILDING CODE NFPA 101 LIFE SAFETY CODE, 2015 IMC 2021, INTERNATIONAL MECHANICAL CODE NEC 2015, NATIONAL ELECTRIC CODE IPC 2021, INTERNATIONAL PLUMBING CODE LOUISIANA FIRE MARSHAL ACT AMERICANS WITH DISABILITIES ACT ARCHITECTURAL GUIDELINES - 2010 SAINT TAMMANY PARISH CODE OF ORDINANCE COMMERCIAL BUILDING ENERGY CONSERVATION CODE, ASHRAE/IESNA 90.1 2007	
PROPERTY	FLOOD DESIGN DATA
PROJECT ADDRESS: 24301 HWY 190 LACOMBE, LA	FLOOD ZONE: X
LOCATION: ST. TAMMANY PARISH	GRADE ELEVATION: 16.7
ZONING: HC-2 HIGHWAY COMMERCIAL	DESIGN FLOOD ELEVATION N/A
	LOWEST FLOOR ELEVATION 16.57
INTERNATIONAL EXISTING BUILDING CLASSIFICATION	LEVEL 2
BUILDING USE GROUP (IBC SECTION 302 THRU 312)	MIXED USE AND SEPARATED MOST RESTRICTIVE APPLIES GROUP B, GROUP R-2, GROUP S-2
CONSTRUCTION TYPE AND MAXIMUM AREA CONSTRUCTION TYPE (IBC SECTION 602)	TYPE V-B
FIRE SPRINKLER SYSTEM REQ'D (IBC SECTION 903.2.6 & 7)	YES - RESIDENTIAL AREA
FIRE SPRINKLER SYSTEM PROVIDED	YES - RESIDENTIAL AREA
FIRE ALARM REQUIRED (IBC SECTION 907.2.7 & 9)	YES
FIRE ALARM PROVIDED	YES
MAXIMUM NUMBER OF STORIES (IBC CODE TABLE 504.4) (S-2 IS MOST RESTRICTIVE)	2
MAXIMUM BUILDING AREA (IBC CODE TABLE 506.2) (R-2 IS MOST RESTRICTIVE)	28,000
BUILDING AREA	
EXISTING	2624 S.F.
NEW ENCLOSED	1665 S.F.
NEW COVERED AREA	416 S.F.
TOTAL UNDER BEAM	4705 S.F.
OCCUPANCY LOAD AND EXISTS	
OCCUPANT LOAD (IBC TABLE 1004.1.2)	
BUSINESS 1 PER 100 SF	211 SF / 100 = 2.1
RESIDENTIAL 1 PER 200 SF	2404 SF / 200 = 12
STORAGE 1 PER 300 SF	1674 SF / 300 = 5.58
	TOTAL OCCUPANTS = 20
EXITS	
MINIMUM REQUIRED	2
PROVIDED	4
EXIT CAPACITY REQUIRED	20 x .27/PERSON = 4"
EXIT CAPACITY PROVIDED	180"
TRAVEL DISTANCE	
MAX. ALLOWABLE TRAVEL DISTANCE TO EXISTS (IBC 1017.2)	250'
MAX. ALLOWABLE COMMON PATH OF TRAVEL (NFPA 7.6)	100'
MAX. DEAD END CORRIDOR (IBC 1020.4)	50'
FIRE RESISTIVE RATING (IBC TABLE 601 AND 602)	
EXTERIOR WALLS	NONE
INTERIOR WALLS	
APPARATUS LAUNDRY CORRIDORS	2 HR 1 HR SMOKE
PENETRATION AT RATED ASSEMBLIES	MATCH ASSEMBLIES
CEILING / FLOOR	NONE
COLUMNS	NONE
BEAMS	NONE
DRAFTSTOPS REQUIRED IN ATTIC - 3000 SF (WOOD CONSTRUCTION ONLY)	NOT REQUIRED
STRUCTURAL DESIGN LOADS	SEE STRUCTURAL DRAWINGS

3. INDEX OF DRAWINGS

COVER			
A1.1	PROJECT SYMBOLS, PROJECT DATA, INDEX OF DRAWINGS, VICINTY	L1.0	TREE REMOVAL PLAN
A1.2	PROJECT NOTES	L2.0	LANDSCAPE PLAN
A1.3	LIFE SAFETY PLAN	L3.0	LANDSCAPE NOTES & DETAILS
A2.1	SURVEY		
A2.2	EXISTING / DEMOLITION SITE PLAN		
A2.3	NEW SITE PLAN	S1.0	STRUCTURAL NOTES
A2.4	SITE DETAILS	S1.1	FOUNDATION PLAN
A3.1	FORM SETTING PLAN	S1.2	ROOF PLAN
A4.1	EXISTING FLOOR PLAN	S1.3	FOUNDATION DETAILS
A4.2	DEMOLITION FLOOR PLAN	S1.4	STRUCTURAL SECTIONS
A4.3	EXISTING ATTIC EQUIPMENT PLATFORM PLAN	S1.5	STRUCTURAL SECTIONS
A4.4	NEW FLOOR PLAN		
A4.5	FLOOR PATTERN PLAN		
A5.1	OPENING & FINISH SCHEDULES, OPENING ELEVATIONS	P01.0	PLUMBING NOTES AND LEGENDS
A5.2	SIGN SCHEDULE AND DETAILS	PD03.0	PLUMBING DEMOLITION PLAN
A6.1	REFLECTED CEILING PLAN	P02.0	PLUMBING PLAN - SITE
A7.1	RESTROOM PLAN, ACCESSIBLE DETAILS	P03.0	WASTE AND VENT PLAN
A8.1	INTERIOR ELEVATIONS	P03.1	DOMESTIC WATER PLAN
A8.2	INTERIOR ELEVATIONS	P03.2	SPRINKLER PLAN
A8.3	CASEWORK SECTIONS	P04.0	SPRINKLER PLATFORM PLAN
A8.4	CASEWORK SECTIONS	P05.0	PLUMBING DETAILS
A9.1	ROOF PLAN	P05.1	SPRINKLER TANK DETAILS
A10.1	EXISTING EXTERIOR ELEVATIONS		
A10.2	EXTERIOR ELEVATIONS		
A11.1	BUILDING SECTION	M01.1	MECHANICAL NOTES AND LEGENDS
A11.2	BUILDING SECTION	MD02.0	MECHANICAL DEMOLITION PLAN
A12.1	WALL SECTIONS	M02.0	MECHANICAL PLAN
A12.2	WALL SECTIONS	M03.0	MECHANICAL PLATFORM PLAN
A12.3	WALL SECTIONS	M04.0	MECHANICAL ROOF PLAN
A12.4	SECTIONS DETAILS	M05.0	MECHANICAL DETAILS
A12.5	SECTIONS DETAILS		
A12.6	PARTITION DETAILS		
A12.7	PARTITION DETAILS	E01.1	ELECTRICAL NOTES AND LEGENDS
A15.1	WINDOW DETAILS	ED3.0	ELECTRICAL DEMOLITION
A15.2	WINDOW DETAILS	E02.0	ELECTRICAL SITE PLAN
A16.1	DOOR DETAILS	E03.0	LIGHTING PLAN
A16.2	DOOR DETAILS	E03.1	POWER PLAN
		E03.2	MECHANICAL POWER PLAN
		E03.3	SPECIAL SYSTEM PLAN
		E04.0	ELECTRICAL PLATFORM PLAN
		E06.0	ELECTRICAL DETAILS
		E07.0	ELECTRICAL PANEL SCHEDULES
		E08.0	ELECTRICAL RISER DIAGRAMS
C0.0	CIVIL NOTES		
C1.0	GRADING AND DRAINAGE PLAN		
C1.1	EROSION CONTROL		
C2.0	PAVING PLAN		
C3.0	CIVIL DETAILS		

4. DIRECTORY

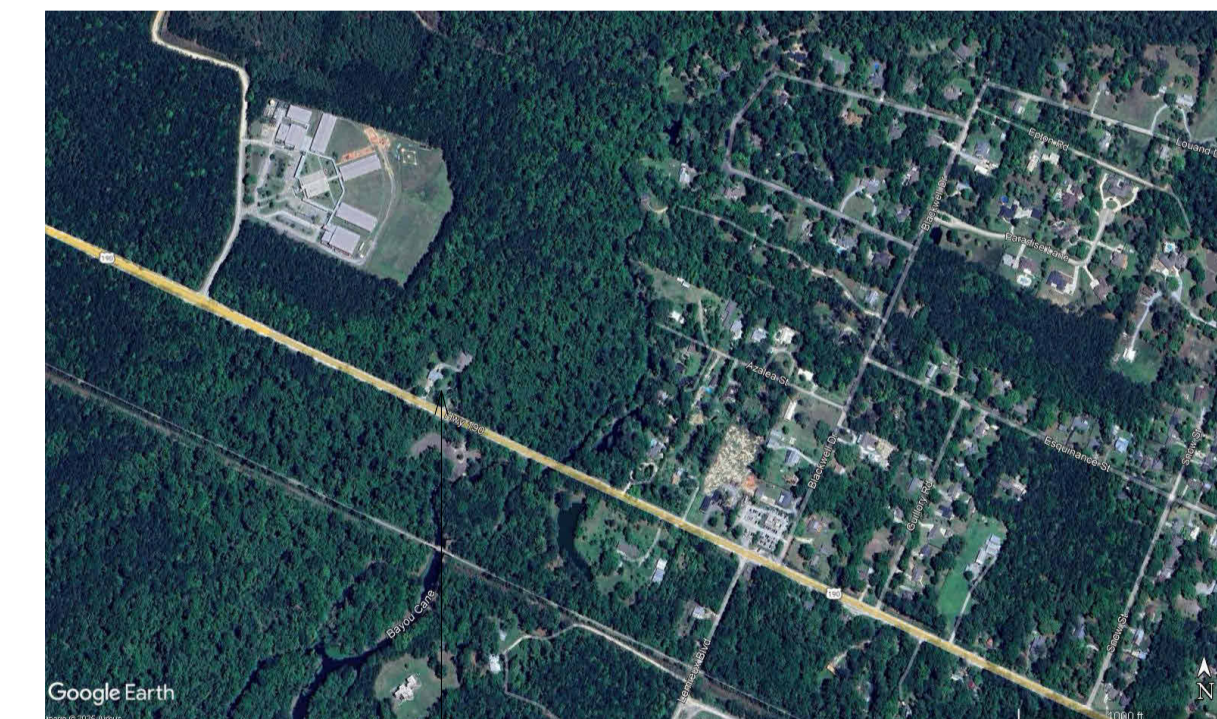
OWNER: MANDEVILLE FIRE DEPARTMENT
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PHONE: 985.626.8271

ARCHITECT: PIAZZA ARCHITECTURE PLANNING, APAC
847 GALVEZ STREET, SUITE 200
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PHONE: 985.626.1564

MECHANICAL & ELECTRICAL: IMC CONSULTING ENGINEERS
3120 20TH STREET
METAIRIE, LA. 70002
PHONE: 504.831.9119

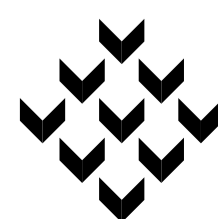
SRUCTURAL, CIVIL, LANDSCAPING: KYLE ASSOCIATES, LLC
638 VILLAGE LANE N.
MANDEVILLE, LA. 70471
PHONE: 985.727.9377

5. VICINTY MAP



SITE

project	1225
date	01.19.26
revisions	



Piazza Architecture Planning APAC
Mandeville Louisiana



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FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

A1.1

PROJECT GENERAL NOTES

GENERAL:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AND REGULATIONS.
- CONTRACTOR SHALL OBTAIN ALL LOCAL AND STATE PERMITS AS REQUIRED BEFORE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE ANY SURVEYS, TESTING OR ENGINEERING REQUIRED TO INSURE SAFE AND COMPLETE CONSTRUCTION.
- CONTRACTOR SHALL PASS ALL INSPECTIONS AND APPROVALS AS REQUIRED BY LOCAL AUTHORITIES DURING COURSE OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING WORK.
- CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL CHANGES MARKED IN INK ON THE CONTRACT DOCUMENTS DURING CONSTRUCTION, INCLUDING LOCATION OF ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL FURNISH OWNER AND ARCHITECT A COPY OF THIS RECORD BEFORE ACCEPTANCE IS RECORDED.
- CONTRACTOR SHALL ASK FOR DETAILS WHENEVER UNCERTAIN ABOUT METHODS OF INSTALLATION. LACK OF DETAILS NOT REQUESTED SHALL NOT EXCUSE IMPROPER INSTALLATION AND CORRECTION SHALL BE RESPONSIBILITY OF CONTRACTOR.
- CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF ALL CHANGES MARKED IN INK ON THE CONTRACT DOCUMENTS DURING CONSTRUCTION, INCLUDING LOCATION OF ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL FURNISH OWNER AND ARCHITECT A COPY OF THIS RECORD BEFORE ACCEPTANCE IS RECORDED.
- CONTRACTOR SHALL SECURE AND OBTAIN THE CERTIFICATE OF OCCUPANCY FROM LOCAL AUTHORITIES BEFORE FINAL PAYMENT WILL BE ISSUED.
- THESE DRAWINGS HAVE BEEN DRAWN AND CHECKED TO INSURE A REASONABLE AND NORMALLY ACCEPTABLE DEGREE OF ACCURACY. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS, DETAILS AND REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS PRIOR TO START OF WORK.
- THE SHEETS IN THESE CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY TO EACH OTHER, WHAT IS CALLED FOR BY ONE SHALL BE BINDING AS IF CALLED FOR BY ALL.

SITE:

- ALL EXISTING REMAINING TREES SHOWN OR NOT ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION, WHERE TREE LOCATION DISCREPANCY OCCURS, CONTACT THE ARCHITECT PRIOR TO STARTING CONSTRUCTION.
- ALL CONCRETE SIDEWALKS U.N.O. SHALL BE 5" THICK, 3000 PSI AT 28 DAYS CONCRETE (150 LBS/CF) WITH 6X6 6/6 WWF, CONSTRUCTION JOINTS SHALL BE AT 4'-0" O.C. AND EXPANSION JOINTS AT 32'-0" O.C., 1/2" PREMOLDED FILLER AT EXPANSION JOINTS, ALL JOINTS AND EDGES SHALL BE TROWELED TO A 1/2" RADIUS, FINISH SHALL BE BROOM FINISH. SLOPES AND CROSS SLOPES SHALL MEET ADA REQUIREMENTS.
- EGRESS:
- A DOORWAY IN A MEANS OF EGRESS SHALL PROVIDE AT LEAST 32" CLEAR (CONSIDER A 3'-0" DOOR). WHERE A PAIR OF DOORS IS PROVIDED, AT LEAST ONE LEAF SHALL COMPLY.
- HOLLOW METAL FRAMES SHALL CONFORM WITH STEEL DOOR INSTITUTE RECOMMENDED SPECIFICATIONS, SDI-100.
- DOORS SHALL BE READILY OPENED FROM THE SIDE OF THE EXIT TRAVEL AT ALL TIMES THE BUILDING IS OCCUPIED.
- LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL DEVICE, OR SPECIAL KNOWLEDGE TO OPEN IN THE DIRECTION OF EGRESS.
- ALL DOORS IN A REQUIRED MEANS OF EGRESS MAY BE PROVIDED WITH A LATCH OR LOCK ONLY IF IT IS EQUIPPED WITH PANIC HARDWARE.
- EXIT DISCHARGE SHALL PROVIDE OCCUPANTS SAFE ACCESS TO A PUBLIC WAY.
- EGRESS SHALL NOT BE THROUGH A ROOM SUBJECT TO LOCKING IN THE DIRECTION OF EGRESS.
- PROVIDE LANDINGS OUTSIDE EXTERIOR DOORS LEVEL WITH THE FLOOR.
- THE FLOOR SHALL BE LEVEL ON BOTH SIDES OF A DOOR.
- FINAL HARDWARE SELECTION TO BE MADE BY OWNER AND ARCHITECT, CONTRACTOR TO SUBMIT INFORMATION FOR SELECTIONS.
- BATHROOM DOOR LOCKS SHALL PERMIT OPENING FROM THE OUTSIDE IN CASE OF EMERGENCY, BY STAFF PERSONNEL.

INSULATION:

- INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF SECTION 720, IBC 2021, EDITED AS AMENDED.
- CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND A SMOKE DEVELOPMENT FACTOR OF 0-450, IN ACCORDANCE WITH SECTION 718, IBC 2021.
- EXPOSED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND A SMOKE DEVELOPMENT FACTOR OF 0-450.
- INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-25 AND A SMOKE DEVELOPMENT FACTOR OF 0-450, IN ACCORDANCE WITH SECTION 803, IBC 2021.

GLAZING:

- PROVIDE SAFETY GLAZING IN HAZARDOUS LOCATIONS AS DEFINED BY SECTION 2406, IBC 2021.
- WINDOW WALL RECOMMENDATIONS PUBLISHED BY AAMA IN THE "METAL CURTAIN WALL, WINDOW STOREFRONT, AND ENTRANCE GUIDE SPECIFICATIONS MANUAL" APPLIES TO THIS PROJECT.

CORRIDOR:

- THE MINIMUM CORRIDOR WIDTH SHALL BE AS DETERMINED IN SECTION 1005.1, IBC 2021, BUT SHALL NOT BE LESS THAN 44 INCHES.
- WHERE CORRIDORS MUST BE SEPARATED FROM USE AREAS, A 1 HOUR FIRE WALL AND SELF-CLOSING 45 MINUTE LABELED DOOR/FRAME ASSEMBLIES ARE REQUIRED, REFER TO PLAN FOR LOCATIONS AND PARTITION TYPES FOR UL FILE NUMBER AND DETAILS.

LIFE SAFETY:

- ENCLOSE OR OTHERWISE PROTECT PENETRATIONS IF SYSTEMS ARE SERVING MORE THAN ONE FLOOR OF FIRE AREA TO MAINTAIN THE FIRE INTEGRITY REQUIRED FOR VERTICAL OPENINGS, SECTION 712, IBC 2021.

- PROTECT VERTICAL OPENINGS IN ACCORDANCE WITH CHAPTER 7, IBC 2021.

- A REQUIRED FIRE SEPARATION SHALL BE CONTINUOUS FROM FOUNDATION THROUGH ALL INTERVENING CONSTRUCTION TO THE ROOF DECK, FROM OUTSIDE WALL TO OUTSIDE WALL OR FROM FIRE BARRIER TO FIRE BARRIER. PROVIDE UL OR FM LISTED ASSEMBLY.

- 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.

- INSTALL GAS PIPING IN ACCORDANCE WITH NFPA 54.

- GAS-FIRED EQUIPMENT SHALL BE U.L. LISTED FOR ITS INTENDED USE AND SHALL BE INSTALLED AND VENTED IN ACCORDANCE WITH NFPA 54.

FIRE EXTINGUISHER:

- FIRE EXTINGUISHER AND CABINET SHALL COMPLY WITH APPLICABLE UL STANDARDS AND ARE LABELED BY UL. MULTI-PURPOSE DRY CHEMICAL TYPE (4A-60BC-FE), CABINET TO BE SEMI-RECESS TYPE WITH BUBBLE TYPE DOOR.

- PROVIDE HAND-OPERATED FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA-10.

- ALL WORK AND INSPECTIONS OF FIRE ALARM, FIRE SUPPRESSION, AUTOMATIC SPRINKLER AND FIRE EXTINGUISHING SYSTEMS OR PORTABLE FIRE EXTINGUISHERS SHALL BE PERFORMED BY A STATE OF LOUISIANA CERTIFIED AGENT.

- TRAVEL DISTANCE TO A FIRE EXTINGUISHERS SHALL NOT EXCEED 75 FEET.

- TOP OF FIRE EXTINGUISHER, HAVING A GROSS WEIGHT LESS THAN 40 LBS., SHALL BE NOT MORE THAN 5 FEET ABOVE THE FLOOR; 3-1/2 FEET IF GROSS WEIGHT 40 LBS OR GREATER.

MISCELLANEOUS:

- MASONRY VENEER ANCHORED TO WOOD FRAMING SHALL BE ATTACHED AS PER SECTION 1404.4, IBC 2021.
- CONTRACTOR SHALL KEEP ALL ROADWAYS CLEAN AND FREE OF CONSTRUCTION DIRT AND DEBRIS.
- CONTRACTOR SHALL ONLY PARK IN AREAS APPROVED BY THE OWNER.

GENERAL ACCESSIBILITY NOTES:

- PROVIDE HANDICAPPED ACCESSIBILITY IN ACCORDANCE WITH ADA-ABA (2010). THIS PROJECT SHALL INCLUDE, BUT NOT BE LIMITED THE FOLLOWING REQUIREMENTS:
SITE:

- PARKING SPACES SHALL COMPLY WITH SECTION 4.6.3. PARKING SPACES AND AISLES SHALL BE LEVEL. RAMPS SHALL NOT ENCROACH INTO AISLES.
- PROVIDE AN ACCESSIBLE ROUTE FROM EACH ACCESSIBLE PARKING SPACE TO THE ACCESSIBLE BUILDING ENTRANCE.

- MINIMUM CLEAR WIDTH TO BE 36", PASSING SPACES REQUIRED AT MAXIMUM OF 200' (60" X 60" AREA).

- LEAST POSSIBLE SLOPE FOR RAMPS AND ACCESSIBLE ROUTES SHALL BE 1:12.

- PROVIDE CURB RAMPS WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.

- SLOPE OF FLARED CURB RAMP SIDES SHALL NOT EXCEED 1:10.

- CROSS SLOPE SHALL NOT EXCEED 1:50.

- RUNNING SLOPE SHALL NOT EXCEED 1:20.

- RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. PROVIDE EDGE PROTECTION AT OPEN SIDES OF RAMPS AND LANDINGS. CURBS SHALL BE NOT LESS THAN 4" HIGH IN ACCORDANCE WITH 101.7.2.5.3.3.

EGRESS:

- THE ACCESSIBLE ROUTE SHALL, TO THE MAXIMUM EXTENT FEASIBLE, COINCIDE WITH THE ROUTE FOR THE GENERAL PUBLIC.

- PROVIDE SIGNAGE AT ACCESSIBLE ENTRANCE(S) AND DIRECTIONAL SIGNAGE AT ALL INACCESSIBLE ENTRANCES.

- GROUND AND FLOOR SURFACES SHALL BE FIRM, STABLE AND SLIP-RESISTANT.

- A DOORWAY IN MEANS OF EGRESS SHALL PROVIDE AT LEAST 32" CLEAR (CONSIDER A 3'-0" DOOR). WHERE A PAIR OF DOORS IS PROVIDED, AT LEAST ONE LEAF SHALL COMPLY.

- THRESHOLDS SHALL COMPLY WITH REQUIREMENTS OF THIS SECTION 4.5.2 REGARDING CHANGES IN LEVEL. (MAXIMUM THRESHOLD HEIGHT TO BE 1/2" AND BEVELED IF OVER 1/4", 3/4" AT EXTERIOR SLIDING DOORS).

- PROVIDE LANDING OUTSIDE EXTERIOR DOORS LEVEL WITH THE FLOOR.

- THE FLOOR SHALL BE LEVEL ON BOTH SIDES OF A DOOR.

- HANDLES, PULLS, LATCHES, AND OTHER OPERATING DEVICES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS ARE ACCEPTABLE DESIGNS.

- PROVIDE MANEUVERING CLEARANCE AT DOORS IN ACCORDANCE WITH FIGURE 45(A,B,C).
- HANDRAILS REQUIRED ON BOTH SIDES OF ALL STAIRS, HEIGHT TO BE 34" - 38", MEASURED FROM STAIR NOSING, 1-1/2" CLEAR SPACE BETWEEN RAIL AND WALL.

- RAMPS THAT EXCEED 6" IN RISE, OR 72" IN RUN, SHALL HAVE HANDRAILS ON BOTH SIDES. HEIGHT TO BE 34" TO 38" ABOVE RAMP SURFACE, AND EXTEND AT LEAST 12" BEYOND TOP AND BOTTOM OF RAMP, PARALLEL TO RAMP SURFACE.

MISCELLANEOUS:

- PROVIDE ACCESSIBLE SERVICE/TELLER/INFORMATION COUNTER(S) IN ACCORDANCE WITH SECTION 7.2(2).

- ACCESSIBLE COUNTER HEIGHT SHALL BE FROM 28" TO 34" ABOVE THE FINISHED FLOOR AT RECEPTION COUNTER.

- EMPLOYEE WORK AREAS SHALL BE DESIGNED AND CONSTRUCTED AS THAT INDIVIDUALS WITH DISABILITIES CAN APPROACH, ENTER AND EXIT.

- MINIMUM CLEAR HEADROOM TO BE 80".

- OBJECTS PROJECTING FROM WALL WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOOR SHALL PROTRUDE NO MORE THAN 4" INTO THE WALLS OR COORIDORS.

- OPENINGS FOR AREAS LESS THAN 24" IN DEPTH SHALL HAVE CLEAR OPENING OF 20" MIN.

TOILET ROOMS:

- TOILET ROOMS SHALL COMPLY WITH REQUIREMENTS OF SECTION 4.22.

- STANDARD ACCESSIBLE TOILET SHALL HAVE MINIMUM WIDTH OF 60" AND MINIMUM DEPTH OF 59" FOR FLOOR MOUNTED WATER CLOSET (56" WITH WALL MOUNTED UNIT), FOR OUTWARD SWINGING DOOR.

- WATER CLOSETS SHALL BE LOCATED 18" FROM A SIDE WALL OR PARTITION.

- THE HEIGHT TO THE TOP OF THE TOILET SEAT SHALL BE 17" TO 19".

- FLUSH CONTROLS SHALL BE 44" MAXIMUM ABOVE FINISHED FLOOR.

- GRAB BARS FOR TOILETS SHALL BE PROVIDED 33" TO 36" ABOVE FINISH FLOOR:
SIDE WALL: 42" LONG MINIMUM, 12" FROM BACK WALL.
BACK WALL: 36" LONG MINIMUM, 12" MIN. EACH SIDE OF WATER CLOSET CENTER LINE.

- URINALS SHALL BE STALL-TYPE OR WALL HUNG WITH AN ELONGATED RIM AT 17" MAX. ABOVE FINISH FLOOR. A CLEAR FLOOR SPACE 30" WIDE BY 48" DEEP MINIMUM SHALL BE PROVIDED.

- TOILET PAPER DISPENSERS SHALL BE INSTALLED BELOW GRAB BAR, 19" MINIMUM ABOVE FLOOR AND 36" MAXIMUM FROM THE REAR WALL.

- LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAT 34" ABOVE FINISH FLOOR, SHALL EXTEND 17" MINIMUM FROM WALL, CLEARANCE OF 29" MINIMUM FROM FINISH FLOOR TO BOTTOM OF APRON.

- A CLEAR FLOOR SPACE 30" BY 48" SHALL BE IN FRONT OF LAVATORIES.

- HOT WATER AND DRAIN PIPES UNDER ALL LAVATORIES SHALL BE INSULATED, THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

- LAVATORY CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST; LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE DESIGNS.

- MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40" MAX. ABOVE THE FINISH FLOOR.

- PROVIDE DRINKING FOUNTAIN(S) IN COMPLIANCE WITH SECTION 4.15.

SIGNAGE:

- WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR MOUNTING HEIGHT SHALL BE 60" ABOVE FINISH FLOOR TO THE CENTERLINE OF THE SIGN.

- ALL INTERIOR SIGNAGE TO BE IN LETTER AND BRAILLE FORM, STYLE, COLOR, DESIGN AND LOCATION TO BE SUPPLIED BY ARCHITECT, ONE SIZE FOR EACH DOOR TO BE SUPPLIED, SIZE TO BE 4" X 4" MAXIMUM.

- LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1, AND A STROKE - WIDTH - TO - HEIGHT RATIO BETWEEN 1:5 AND 1:10.

- LETTERS AND NUMERALS SHALL BE RAISED 1/32" AND SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE. RAISED CHARACTER HEIGHT: 5/8" MINIMUM, 2" HIGH MAXIMUM.

- THE CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE OR OTHER NON-GLARE FINISH. CHARACTER AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.

- PROVIDE LOW LEVEL MOUNTED EXIT SIGNAGE IN ACCORDANCE WITH 4.30.1, 4.30.4, 4.30.5 AND 4.30.6 (RAISED CHARACTER, LETTER SIZE, MOUNTING) AT ALL REQUIRED EXITS.

- HANDICAP PARKING SIGNAGE SHALL NOT BE OBFUSCATED BY VEHICLE.

DETECTABLE WARNING:

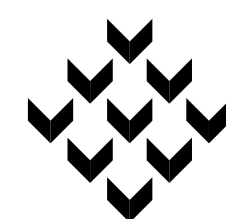
- A MINIMUM 36" WIDE CONTINUOUS "DETECTABLE WARNING" MUST BE PROVIDED AT THE BOUNDARY BETWEEN PEDESTRIAN AREAS AND VEHICULAR AREAS, THAT ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS. PROVIDE "DETECTABLE WARNINGS" AS PER 4.29.2 AT ACCESSIBLE PARKING AISLE.

- A CURB RAMP SHALL HAVE A "DETECTABLE WARNING" COMPLYING WITH 4.29.2. THE "DETECTABLE WARNING" SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE CURB RAMP.

- REQUIRED "DETECTABLE WARNING" ON WALKING SURFACES SHALL CONSIST OF RAISED TRUNCATED DOMES.

- THE "DETECTABLE WARNING" ON WALKING SURFACE SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE THE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE

project 1225
date 01.19.26
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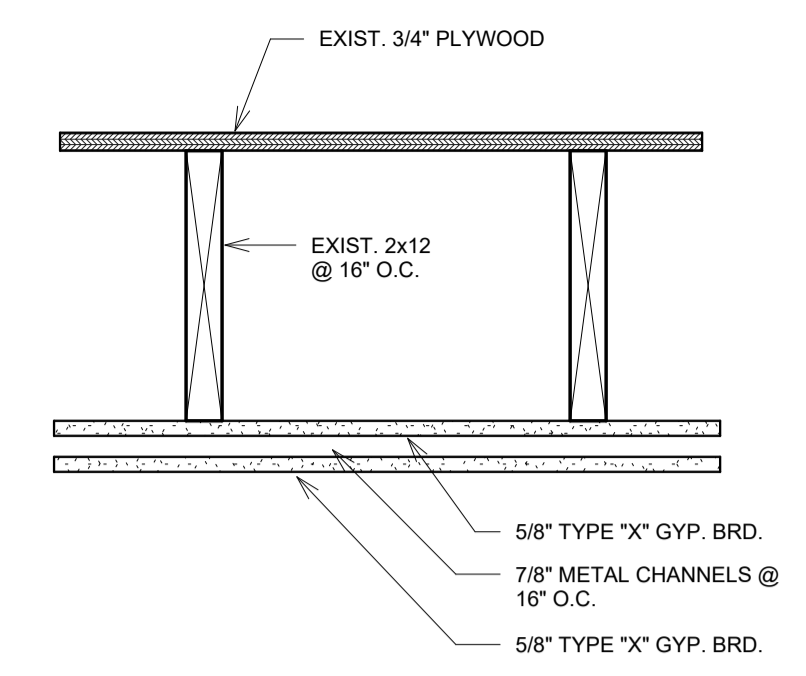
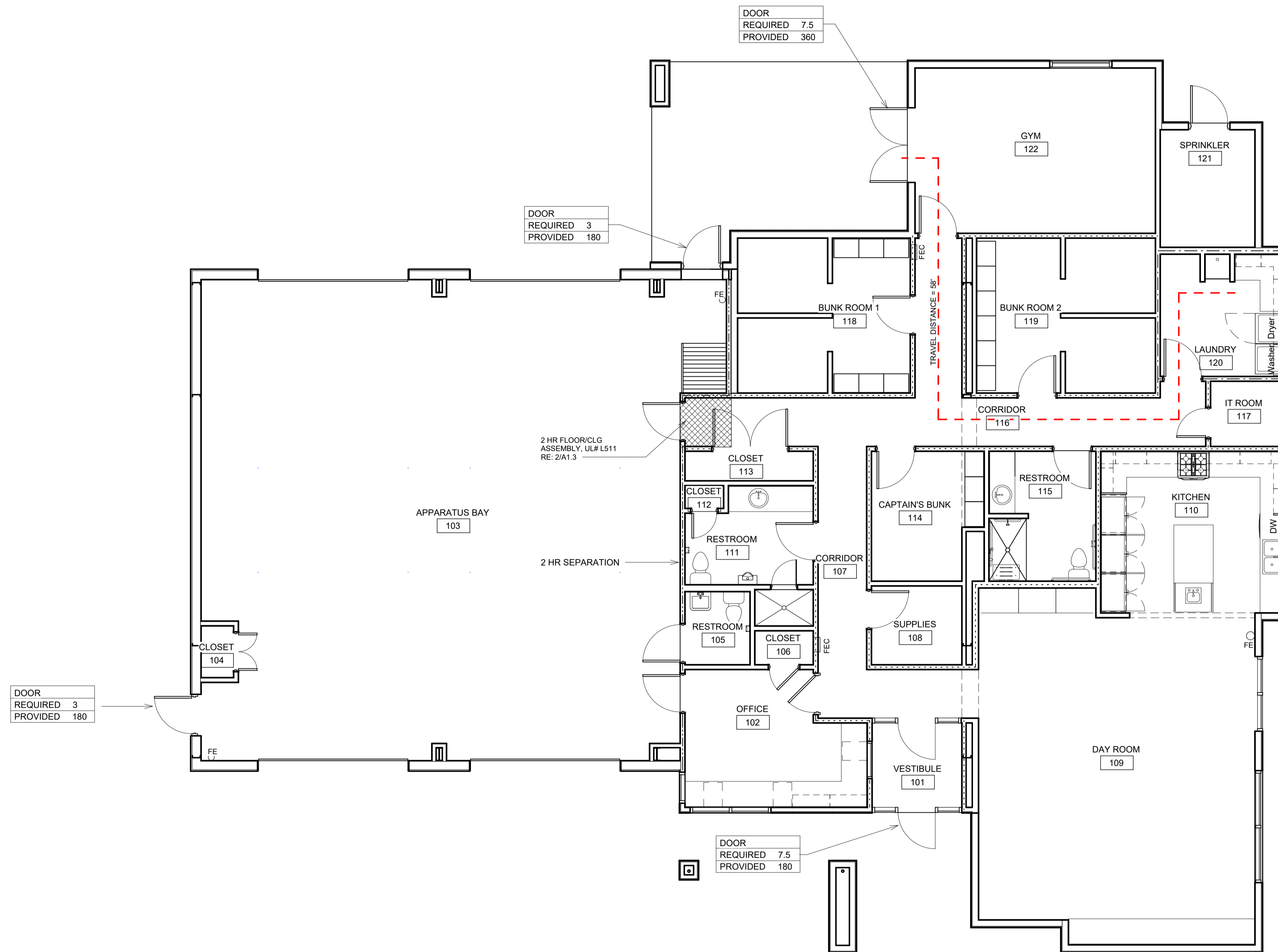


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FIRE STATION 44 ADDITONS AND RENOVATIONS

sheet

A1.2



2. RATED CLG
SCALE: 1 1/2" = 1'-0"

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

N.F.P.A. 101 - 2015 EDITION			
OCCUPANCY MIXED USE, STORAGE, LODGING, BUSINESS	COMMON PATH OF TRAVEL PER SECTION 7.6 TABLE A.7.6 100' - SPRINKLERED	SEPARATION AND PROTECTION FROM HAZARDS COMMON CORRIDORS REQUIRES SMOKE PARTITION APPARATUS BAY 1 HR EXISTING WALL TO CHANGE TO NEW 2 HR RATED WALL LAUNDRY 1 HR RATED WALL	INTERIOR FINISHES WALL AND CEILING PER SECTION 10.2.2 EXIT AND EXIT CORRIDORS: CLASS A OR B OTHER AREAS: CLASS A, B, OR C
OCCUPANCY LOAD 20 OCCUPANTS	TRAVEL DISTANCE TO EXIT PER SECTION 7.6 TABLE A.7.6 200' - SPRINKLERED	DETECTION, ALARM AND COMMUNICATION ALARM SYSTEM IS REQUIRED	INTERIOR FINISHES AT FLOOR PER SECTION 10.2.2 EXITS: CLASS 1 OR 2 CORRIDORS AND LOBBIES: CLASS 1 OR 2
MINIMUM NUMBER OF EXITS PER SECTION 7.4 2 REQUIRED 4 PROVIDED	DEAD END CORRIDOR PER SECTION 7.6 TABLE A.7.6 50' - SPRINKLERED	EMERGENCY LIGHTING PER SECTION 7.9	EXTINGUISHING REQUIREMENTS PER SECTION 9.7.4.1 (MAX. TRAVEL DISTANCE IS 75') NEW FIRE EXTINGUISHER CABINETS ARE TO BE INSTALLED
EXIT CAPACITY PROVIDED PER SECTION 7.3.3.1 20 PEOPLE x 2" = 4" 180" PROVIDED	ILLUMINATION OF EGRESS PER SECTION 7.8		

LIFE SAFETY LEGEND	
DOOR REQUIRED xxx PROVIDED xxx	NUMBER OF OCCUPANTS EXITING NUMBER OF OCCUPANTS ALLOWED
FE FEC	FIRE EXTINGUISHER - WALL HUNG FIRE EXTINGUISHER CABINET
WALL LEGEND	
=====	STUD WALL
=====	1 HR RATED WALL, UL# U305
=====	2 HR RATED WALL, UL# U301
=====	SMOKE PARTITION

GENERAL NOTES - LIFE SAFETY

ALL OPENINGS FOR THE PASSAGE OF PIPES OR CONDUITS IN WALLS OR PARTITIONS THAT ARE REQUIRED TO HAVE FIRE RESISTANT CAPABILITIES SHALL BE PROTECTED IN ACCORDANCE TO SECTION 8.3.5 WITH APPROVED MATERIALS.

ALL CONCEALED WALLS WHICH ARE FIRE RATED OR CONSTRUCTED TO LIMIT THE PASSAGE OF SMOKE SHALL BE MARKED AT 48" O.C. WITH PAINTED STENCIL MARKINGS.

EGRESS CORRIDOR WIDTH SHALL BE CONSTRUCTED AS SHOWN TO EXCEED THE MINIMUM 44" CLEAR REQUIREMENT IN ACCORDANCE WITH NFPA 101, SECTION 14.2.3.2.

PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED AS INDICATED ON LIFE SAFETY PLAN. REFER TO SPECIFICATION FOR MORE INFORMATION.

DETECTION ALARM AND COMMUNICATIONS SYSTEM IN ACCORDANCE WITH NFPA 101, SECTION 9.6 AND IBC SECTION 907 SHALL BE INSTALLED. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. SHOP DRAWINGS SHALL BE SUBMITTED TO THE FIRE MARSHAL FOR APPROVAL.

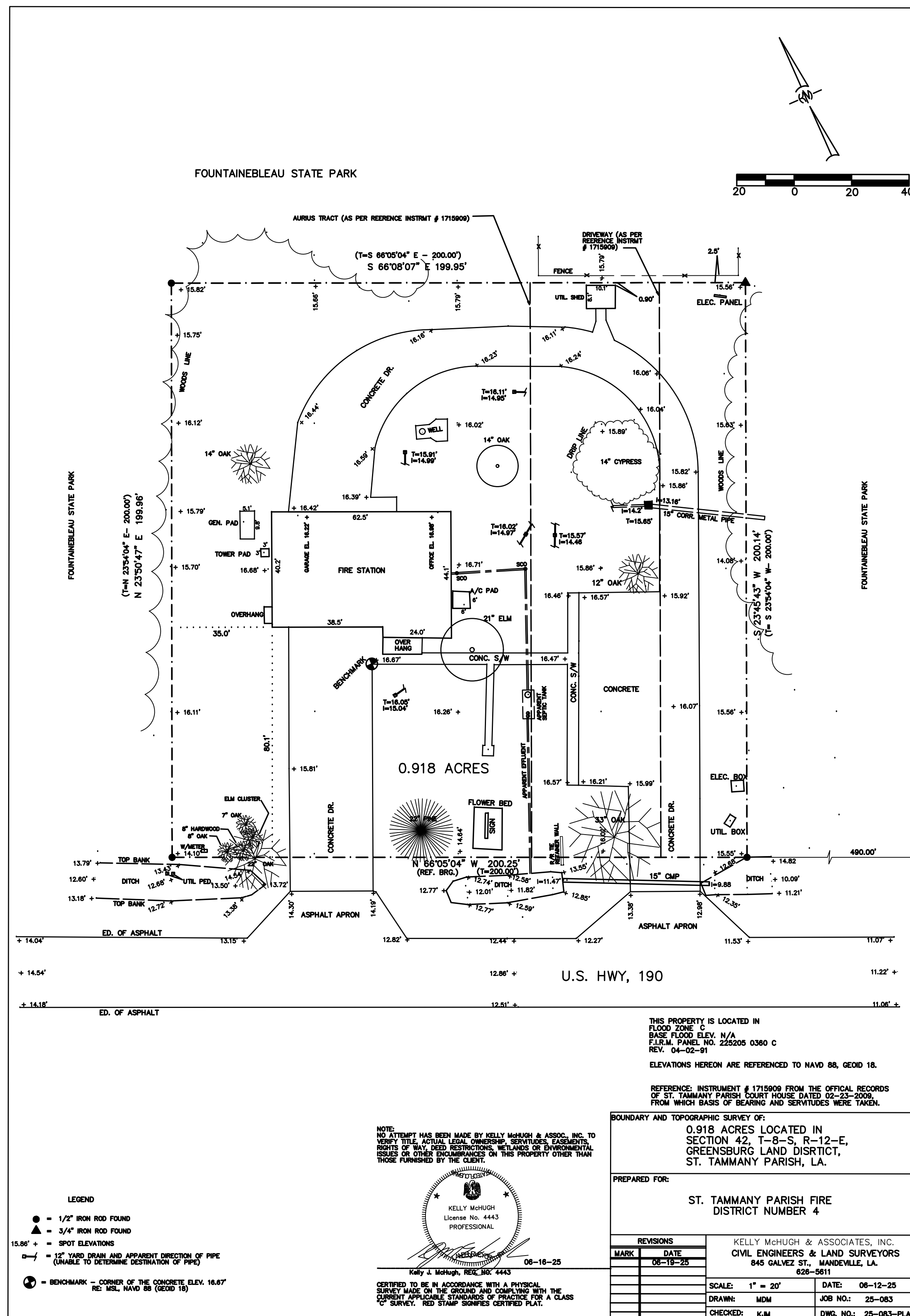
FIRE EXTINGUISHING SYSTEM IN ACCORDANCE WITH NFPA 101, SECTION 9.7 AND IBC SECTION 903 SHALL BE INSTALLED. REFER TO DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. SHOP DRAWINGS SHALL BE SUBMITTED TO THE FIRE MARSHAL FOR APPROVAL.

PROTECTION FROM HAZARDS: STORAGE ROOMS OVER 100 S.F. AND JANITOR CLOSETS SHALL BE PROTECTED BY AUTOMATIC FIRE EXTINGUISHING SYSTEM AND CONSTRUCTION CAPABLE OF RESISTING THE PASSAGE OF SMOKE. PARTITION SHALL EXTEND TO THE UNDERSIDE OF A ROOF/CEILING ASSEMBLY. DOORS SHALL BE SELF CLOSING IN ACCORDANCE WITH NFPA 101, SECTION 14.3.2.

project 1225
date 01.19.26
revisions



FIRE STATION 44
ADDITONS AND RENOVATIONS



THIS PROPERTY IS LOCATED IN
 FLOOD ZONE 'C'
 BASE FLOOD ELEV. N/A
 FIRM PANEL NO. 225205 0360 C
 REV. 04-10-11

ELEVATIONS HEREON ARE REFERENCED TO NAVD 83, GEOID 18.

REFERENCE INSTRUMENT # 1715009 FROM THE OFFICIAL RECORDS
 OF ST. TAMMANY PARISH COURT HOUSE DATED 02-23-2000
 FROM WHICH BASIS OF BEARING AND SERVITUDES WERE TAKEN.

BOUNDARY AND TOPOGRAPHIC SURVEY OF:
 0.918 ACRES LOCATED IN
 SECTION 42, T-8-S, R-12-E,
 GREENSBURG LAND DISTRICT,
 ST. TAMMANY PARISH, LA.

PREPARED FOR:
**ST. TAMMANY PARISH FIRE
 DISTRICT NUMBER 4**

REVISIONS	MARK	DATE	BY
		06-19-25	

KELLY McHUGH & ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 845 GALVEZ ST., MANDEVILLE, LA.
 70158-5811

SCALE: 1" = 20'
 DATE: 06-12-25
 DRAWN: MOM
 JOB NO.: 25-083
 CHECKED: KJM
 DWG. NO.: 25-083-PLAT

LEGEND

- = 1/2" IRON ROD FOUND
- ▲ = 3/4" IRON ROD FOUND
- 15.98' + = SPOT ELEVATIONS
- = 12" YARD DRAIN AND APPARENT DIRECTION OF PIPE (USABLE TO DETERMINE DIRECTION OF PIPE)
- ⊙ = BENCHMARK - CORNER OF THE CONCRETE ELEV. 16.87 (NO. 101, NAVD 83 (GEOID 18))

NOTE:
 NO ATTEMPT HAS BEEN MADE BY KELLY McHUGH & ASSOC., INC. TO VERIFY TITLE, ACTUAL LEGAL OWNERSHIP, SERVITUDES, EASEMENTS, RIGHTS OF WAY, REED RESTRICTIONS, ETC. OR ENVIRONMENTAL ISSUES OR OTHER ENCUMBRANCES ON THIS PROPERTY OTHER THAN THOSE FURNISHED BY THE CLIENT.

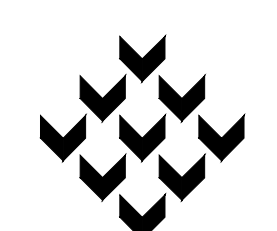
Kelly McHugh
 License No. 4443
 PROFESSIONAL SURVEYOR

06-16-25
 Kelly J. McHugh, P.E., No. 4443
 CERTIFIED TO BE IN ACCORDANCE WITH A PHYSICAL SURVEY MADE ON THE GROUND AND COMPARED WITH THE CURRENT APPLICABLE STANDARDS OF PRACTICE FOR A CLASS 'C' SURVEY. RED STAMP SIGNIFIES CERTIFIED PLAT.

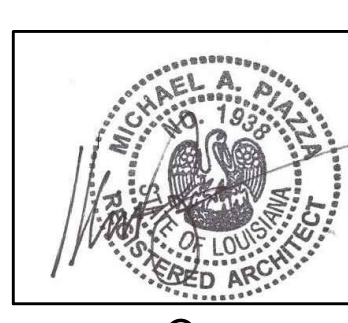
1. SURVEY

SCALE: NOT TO SCALE

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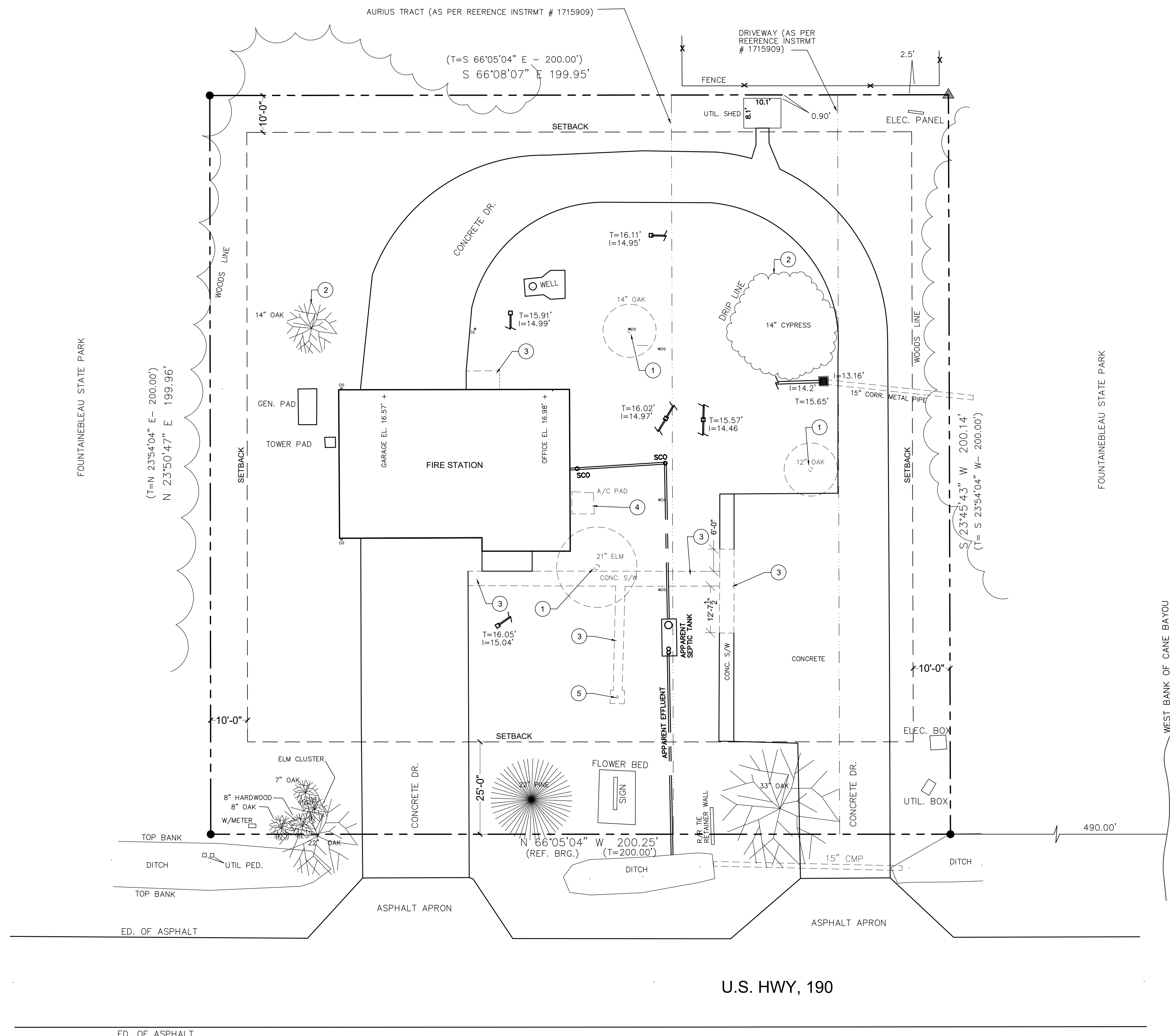


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FIRE STATION 44 RENOVATIONS AND ADDITIONS

ST. TAMMANY PARISH • LOUISIANA

sheet
A2.1
 of



SITE INFORMATION:
 PARCEL IS LOCATED IN ST. TAMMANY PARISH LOUISIANA.
 PARCEL IS ZONED HC-2, HIGHWAY COMMERCIAL.
 PARCEL CONTAINS APPROX. 40,030.5 SQ. FT. OR .098 ACRES.

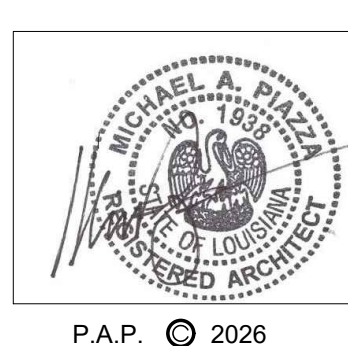
SETBACK INFORMATION
 LANDSCAPE BUFFERS:
 FRONT & SIDE 25 FEET
 SIDE BUFFER 10 FEET
 REAR BUFFER 10 FEET

NOTES:
 HC-2 ZONING LIMITS LOT COVERAGE:
 1. THE LOT COVERAGE OF ALL PRINCIPAL AND ACCESSORY BUILDINGS ON A ZONING LOT SHALL NOT EXCEED 50 PERCENT OF THE TOTAL AREA OF THE LOT.
 2. BUILDING WILL NOT HAVE A DUMPSTER.

- SITE KEYNOTES**
- 1 EXISTING TREE / TREES TO BE REMOVED.
 - 2 EXISTING TREES TO REMAIN AND TO BE PROTECTED DURING CONSTRUCTION WITH PROTECTIVE FENCING. RE: SHEETS L1.1 & L1.2.
 - 3 REMOVE EXISTING SIDEWALK.
 - 4 EXISTING HVAC UNIT. TEMPORARILY RELOCATE UNIT. REMOVE CONCRETE PAD.
 - 5 REMOVE FLAGPOLE AND RELOCATE TO NEW LOCATION.

1. SITE DEMOLITION PLAN
 SCALE: 1/16" = 1'-0"

project 1225
 date 01.19.26
 revisions



FIRE STATION 44
RENOVATIONS AND ADDITIONS
 ST. TAMMANY PARISH • LOUISIANA

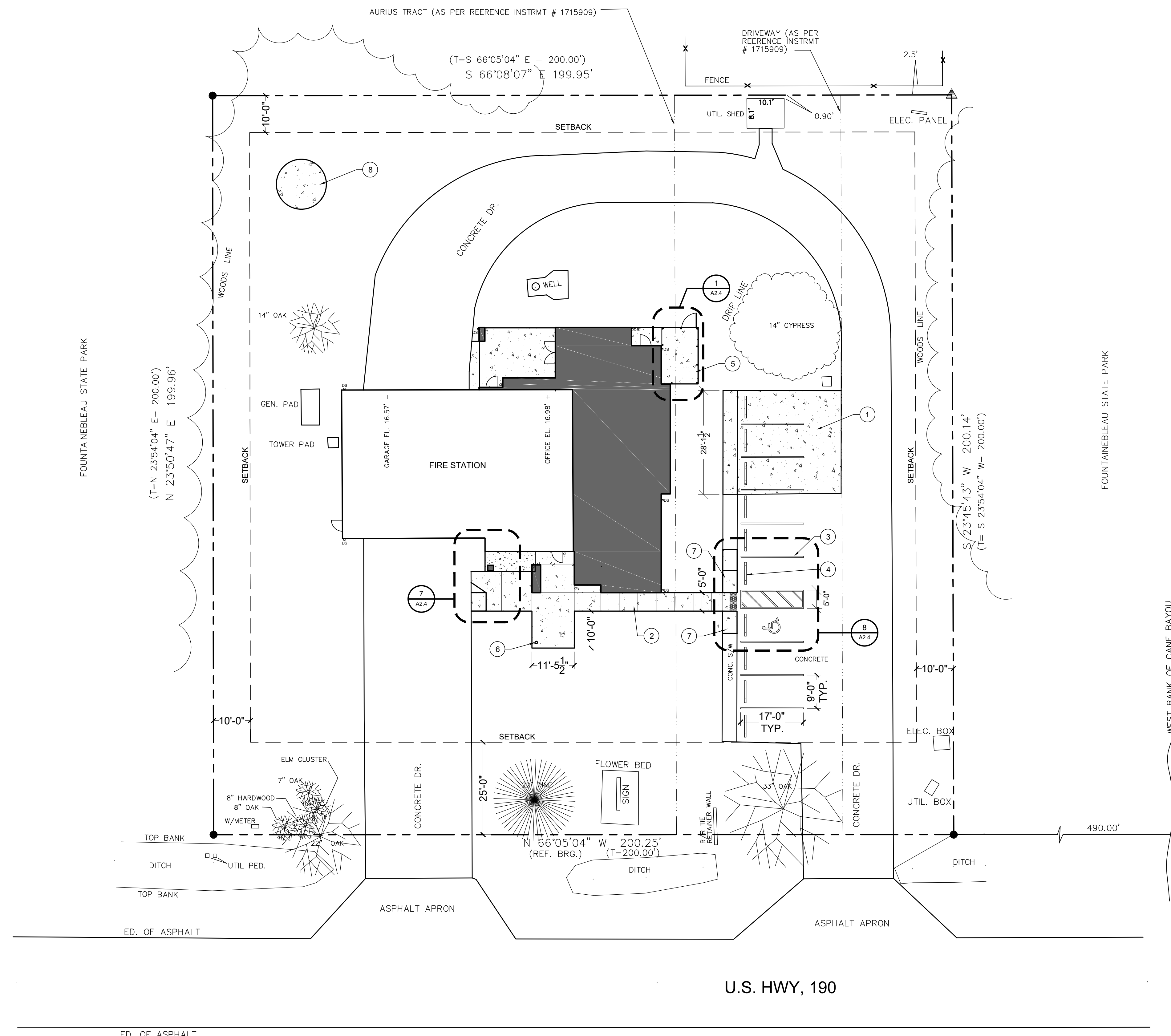
sheet
A2.2
 of

SITE KEYNOTES

- 1 NEW CONCRETE PARKING
- 2 NEW CONCRETE WALK WITH CONTROL JOINTS AS SHOWN. PROVIDE EXPANSION JOINT AT JOINT CLOSES TO 24'-0".
- 3 4" WIDE PAINTED PARKING STRIPE, TYPICAL
- 4 CONCRETE PARKING BUMPER, TYPICAL
- 5 6' HIGH FENCE, RE: 1/A2.5
- 6 RELOCATED FLAGPOLE
- 7 6' LONG SIDEWALK ACCESSIBLE RAMP (MAX. 1:12 SLOPE) WITH TRUNCATED DOME DETECTABLE WARNING SURFACE SHALL BE 2'-0" IN LENGTH MINIMUM (TYPICAL)
- 8 WATER TANK FOR SPRINKLER SYSTEM, RE: PLUMBING & STRUCTURAL

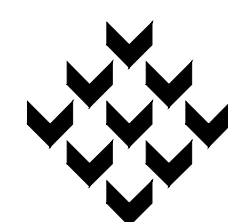
PROJECT NOTES:

1. ALL WORK MUST CONFORM TO THE REQUIREMENTS OF THE LA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.
2. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CAREFULLY VERIFY SAME AND TAKE THE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. CONTRACTOR SHALL CONTACT LA ONE CALL TO HAVE ALL EXISTING UTILITIES LOCATED.
3. DAMAGES TO EXISTING STREETS, DRAINAGE, OTHER UTILITY STRUCTURES, AND RESIDENT PROPERTIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR TO ORIGINAL AND/OR BETTER CONDITIONS TO THE SATISFACTION OF THE OWNERS.
4. CONTRACTOR SHALL NOT DAMAGE TREES TO REMAIN. IF DAMAGED, CONTRACTOR SHALL REPLACE AT HIS OWN COST. THE CONTRACTOR SHALL PROVIDE A LOUISIANA LICENSED ARBORIST TO PERFORM NECESSARY TREE TRIMMING, ROOT PRUNING, OR RECOMMENDATION OF REMOVAL OF ANY TREE GREATER THAN 12" CALIBER PRIOR TO BEGINNING EXCAVATION. CONTRACTOR SHALL USE A CHAIN SAW TO CUT ROOTS OF TREES EXPOSED DURING EXCAVATION AND COORDINATE WITH OWNER. CONTRACTOR SHALL NOT BREAK ROOTS BY PULLING THEM WITH DIGGING MACHINES. ROOTS AND BRANCH PROTECTANT SHALL BE SPRAYED OR PAINTED ON BRANCHES OR ROOTS WHICH HAVE BEEN CUT.
5. PROTECT ALL EXISTING TREES, PLANTING AND LAWNS FROM DAMAGE. ALL STREET SIGNS, FENCES, SHRUBBERY, ETC. RELOCATED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL LOCATION AND IN ORIGINAL CONDITIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STATE AND PARISH RIGHTS-OF-WAY AND ALL SERVITUDE SHALL BE CLEARED OF TREES AND OBSTRUCTIONS THAT INTERFERE WITH CONSTRUCTION.
6. CONTRACTOR SHALL RE-GRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH ALL REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE RE-GRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E., TAKE ELEVATIONS, PICTURES, ETC.) EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
7. ALL DRIVEWAYS DISRUPTED BY EXCAVATION SHALL BE RESTORED USING LIKE MATERIAL TO ORIGINAL OR BETTER CONDITION.
8. CONTRACTOR SHALL NOTIFY THOSE AFFECTED BY CONSTRUCTION 24 HOURS AND COORDINATE TO NOT DISRUPT OPERATION PRIOR TO DISRUPTION OF WATER, SEWER OF OTHER UTILITY SERVICE. UTILITY SERVICES SHALL BE PROMPTLY REPAIRED AND NOT REMAIN OUT OF SERVICE OVERNIGHT.
9. CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATIONS AS TO ENSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC AND ADJACENT PROPERTY OWNERS.

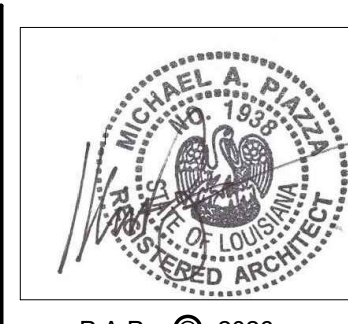


1. SITE PLAN
SCALE: 1/16" = 1'-0"

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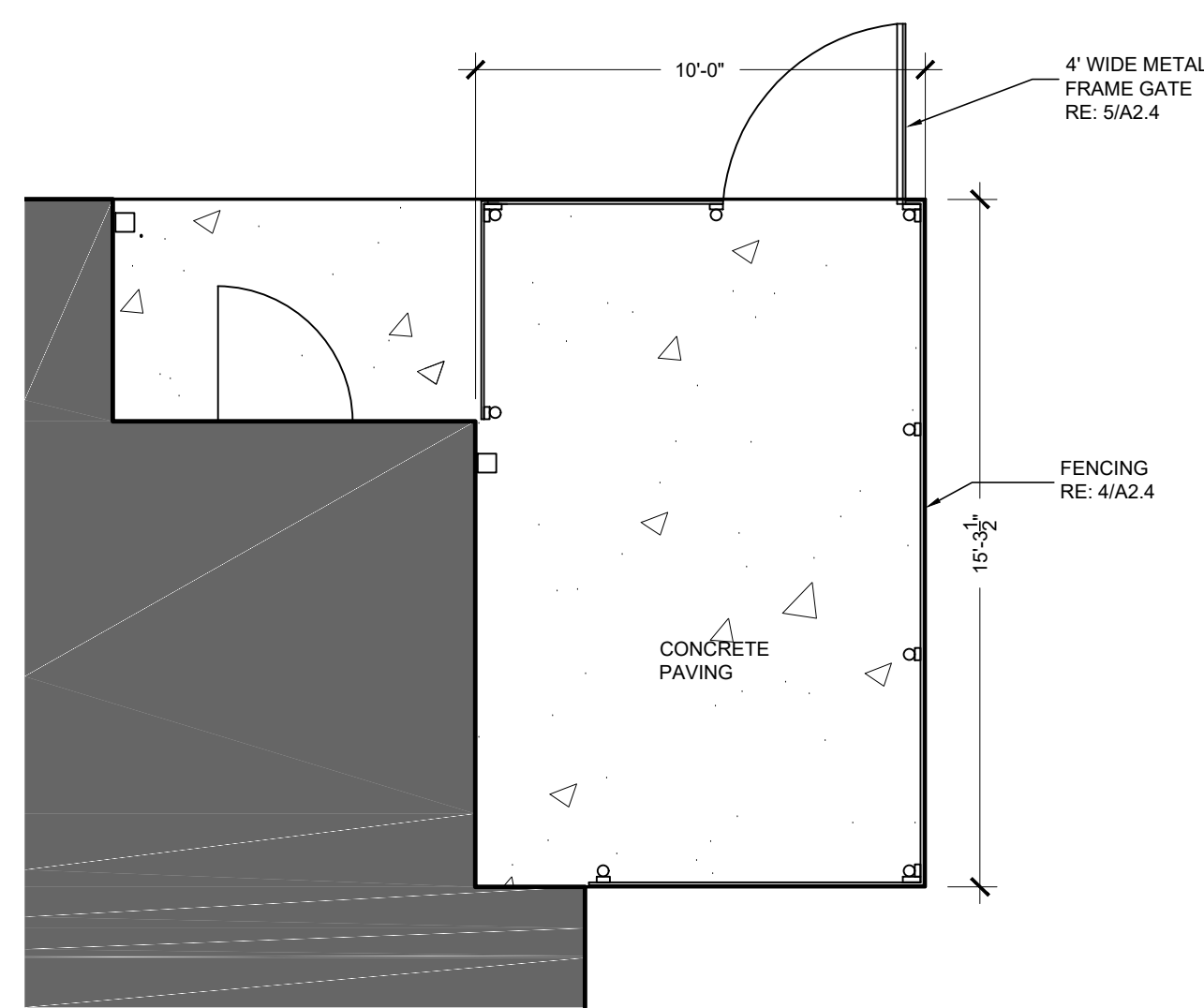
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

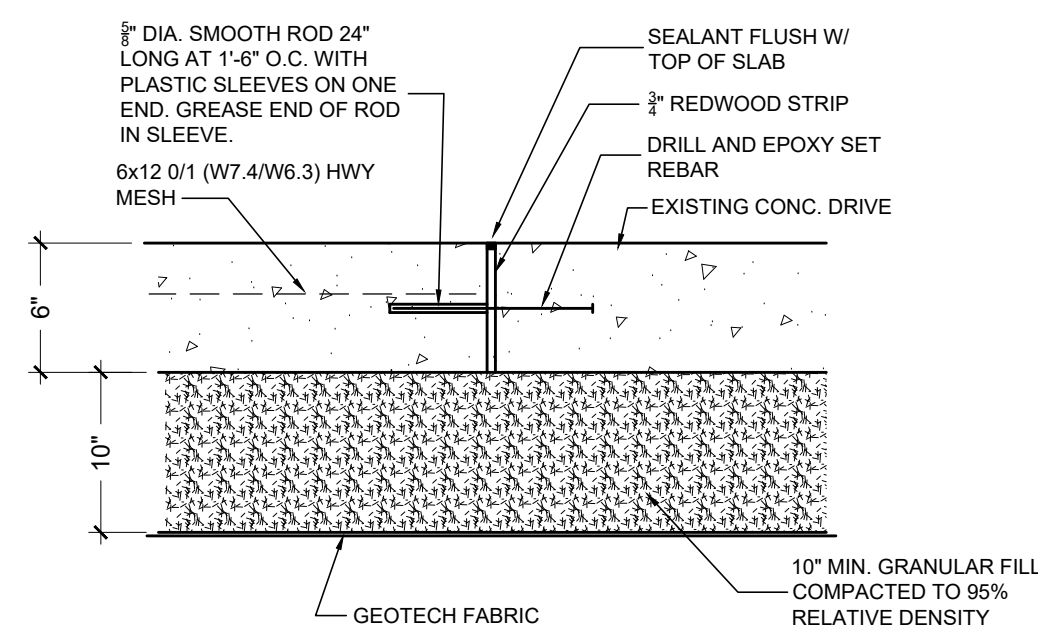
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A2.3

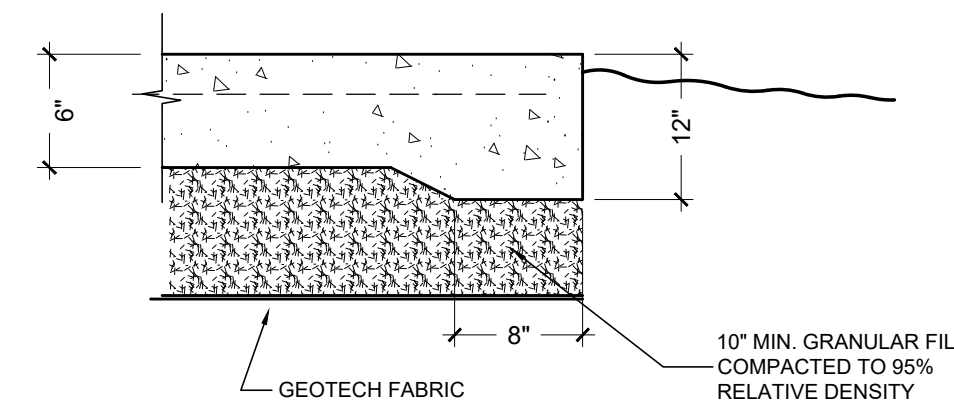
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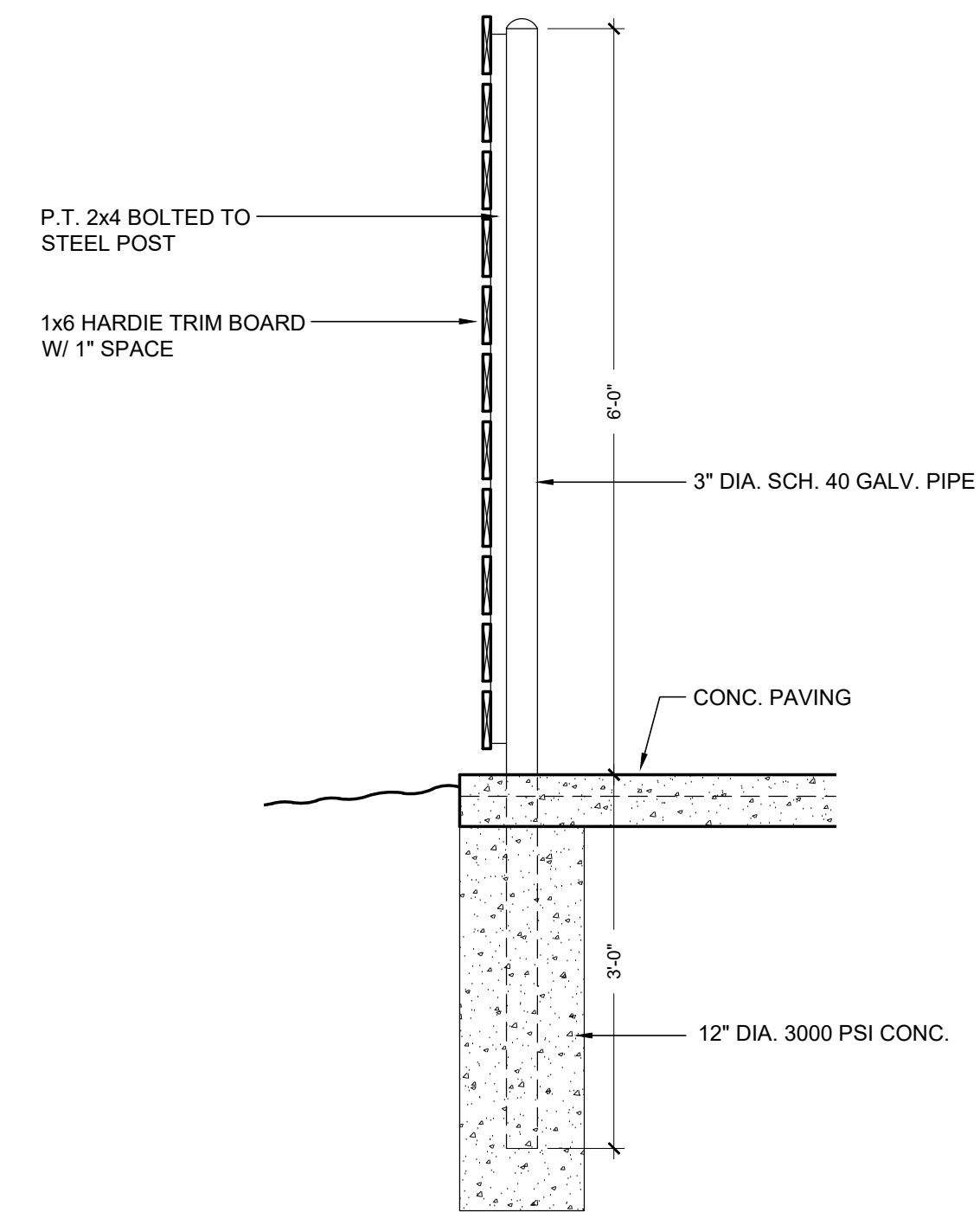
1. ENLARGED PLAN
SCALE: 1/4" = 1'-0"



2. EXPANSION JOINT
SCALE: 1" = 1'-0"

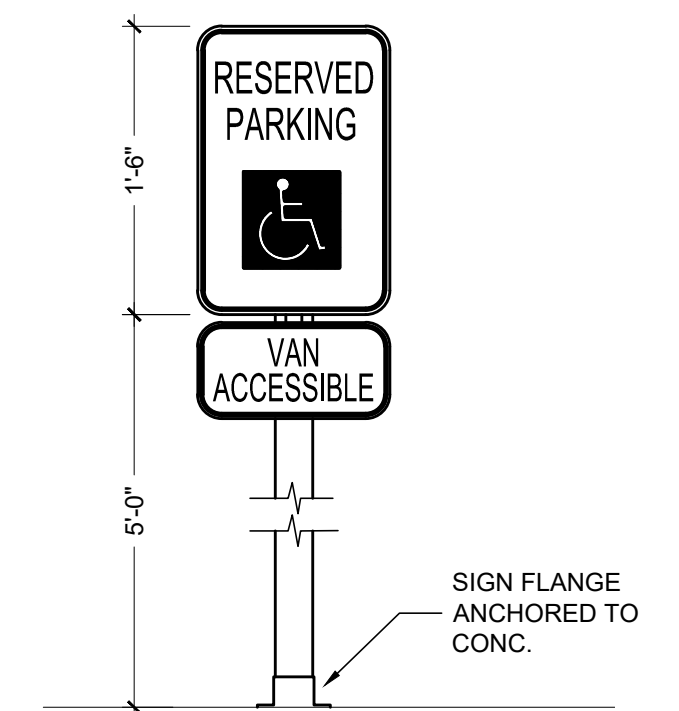


3. DRIVE EDGE DETAIL
SCALE: 1" = 1'-0"

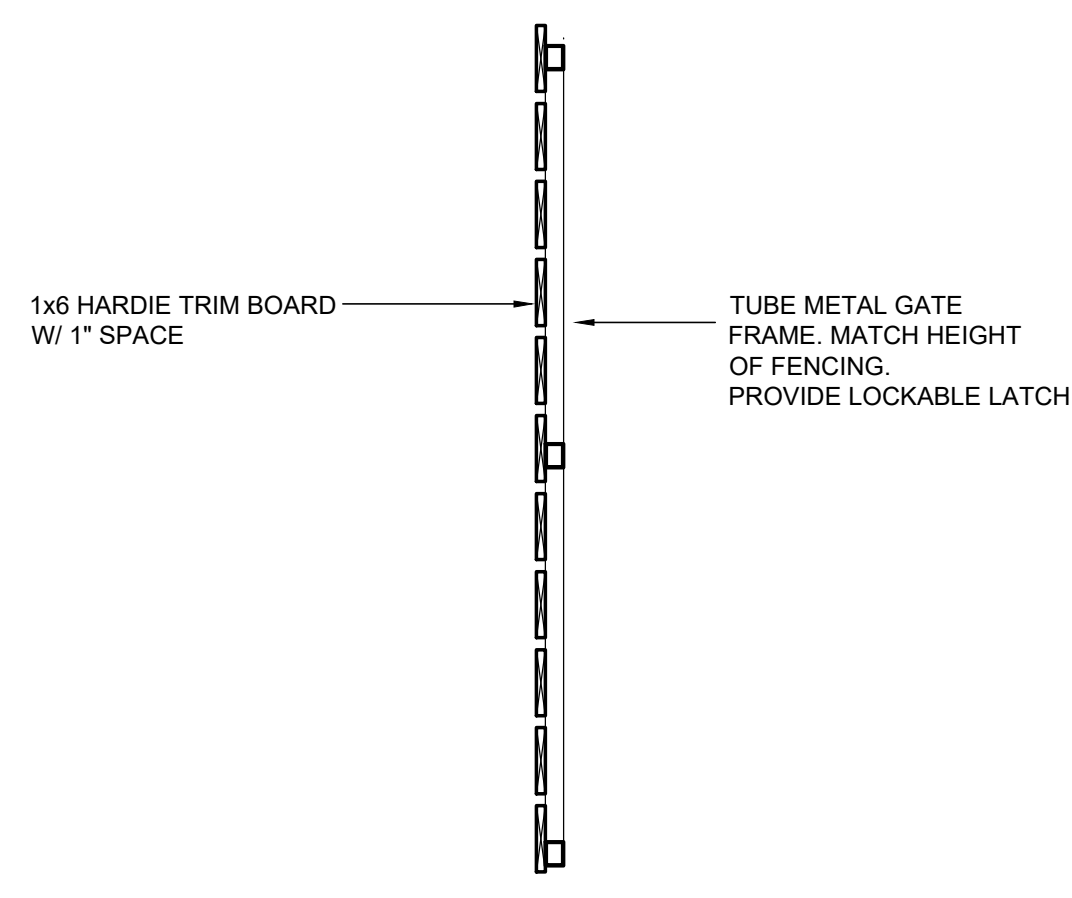


4. FENCE DETAIL
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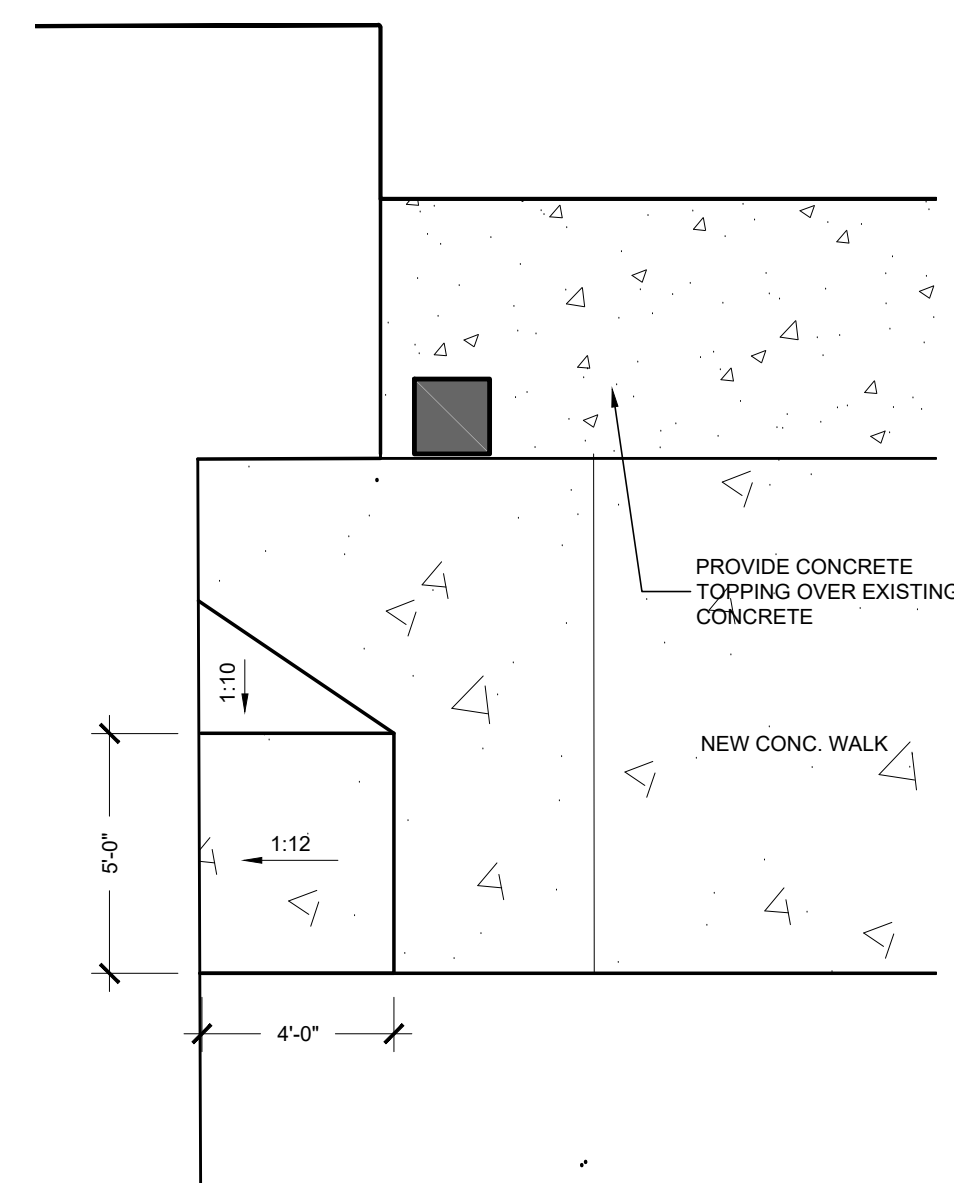
NOTE: ALL WOOD AND HARDIE BOARDS TO BE PAINTED.



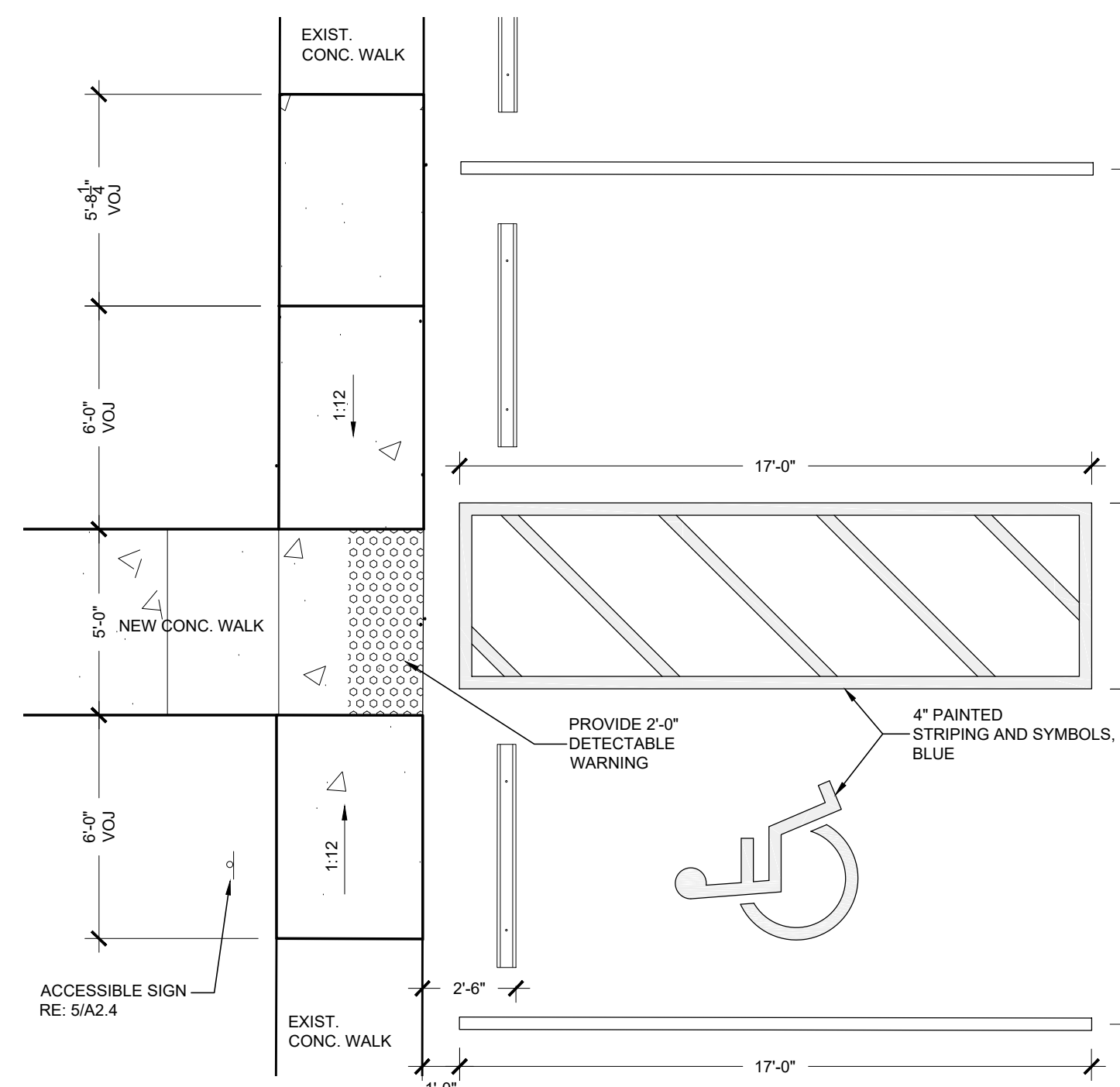
5. SIGN DETAIL
SCALE: 1" = 1'-0"



6. GATE SECTION
SCALE: 3/4" = 1'-0"

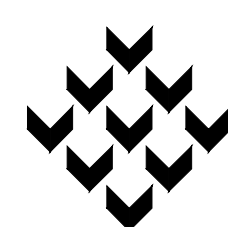


7. RAMP DETAIL
SCALE: 1/4" = 1'-0"



8. ACCESSIBLE PARKING
SCALE: 1/4" = 1'-0"

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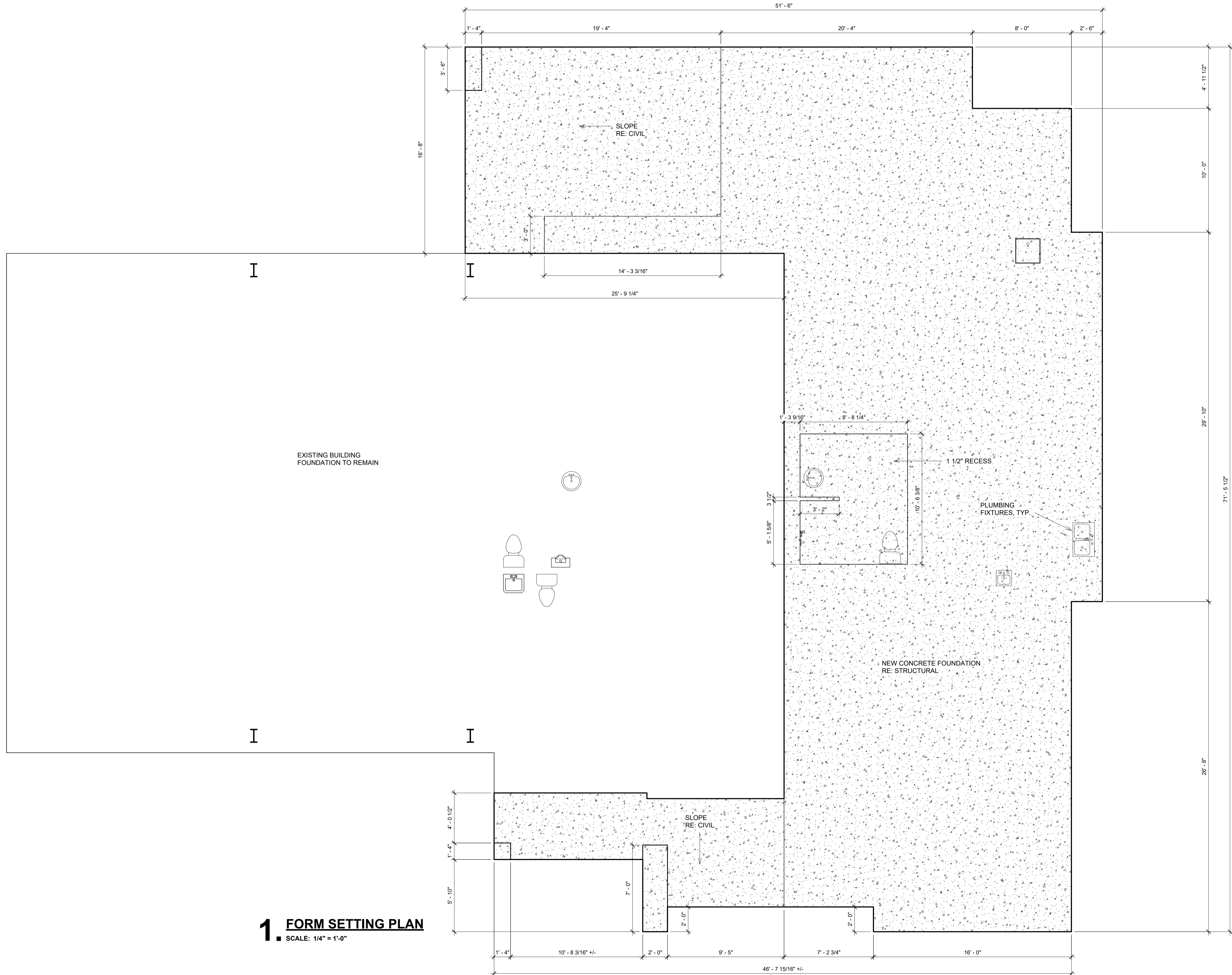
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

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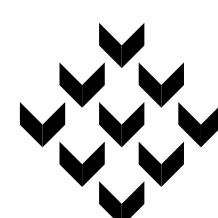
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1. FORM SETTING PLAN
SCALE: 1/4" = 1'-0"

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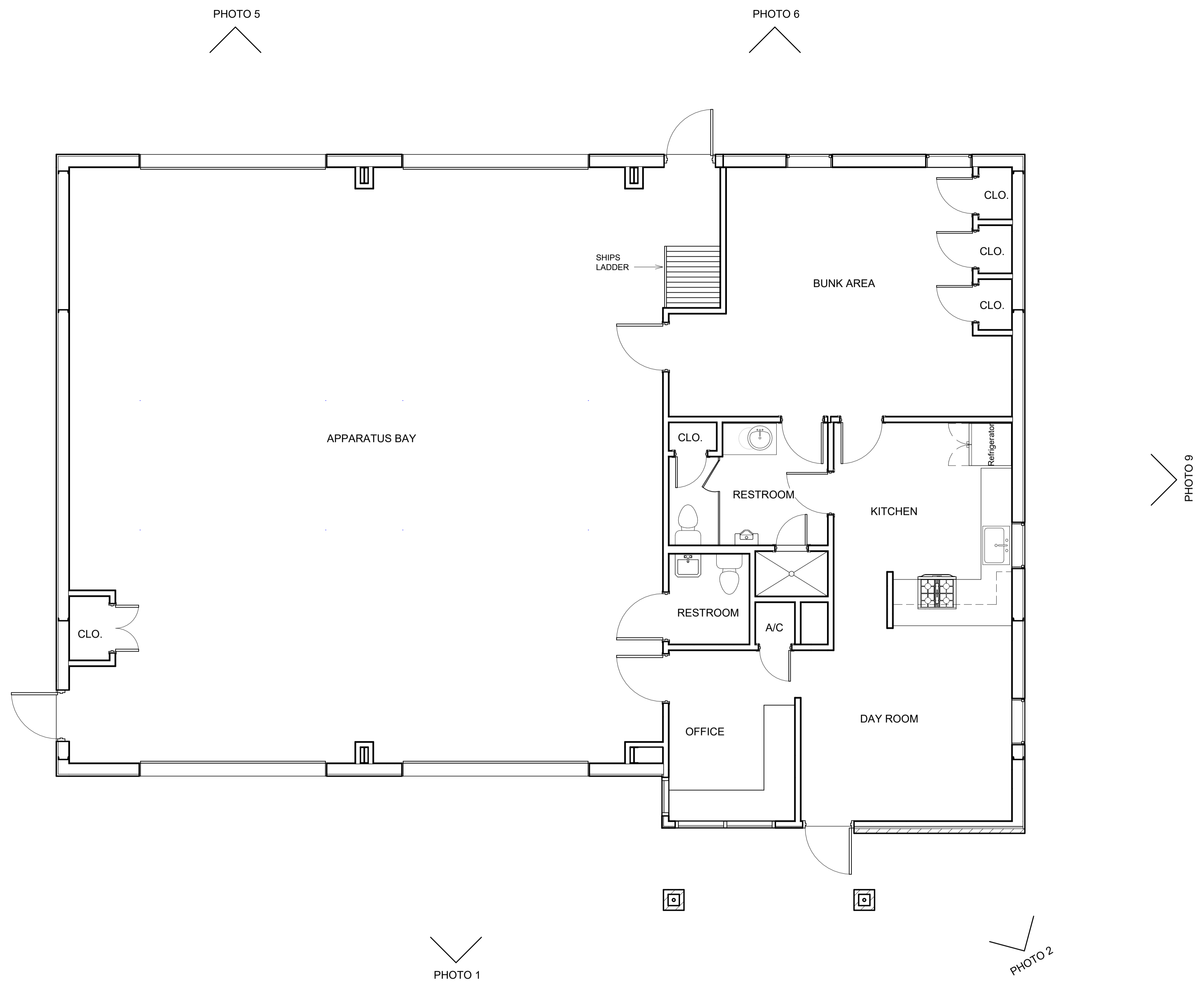


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FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

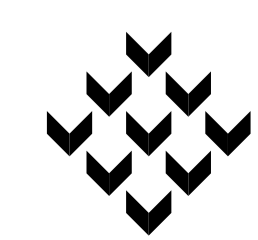
A3.1



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

REFERENCE SHEET A10.1 FOR PHOTOGRAPHS

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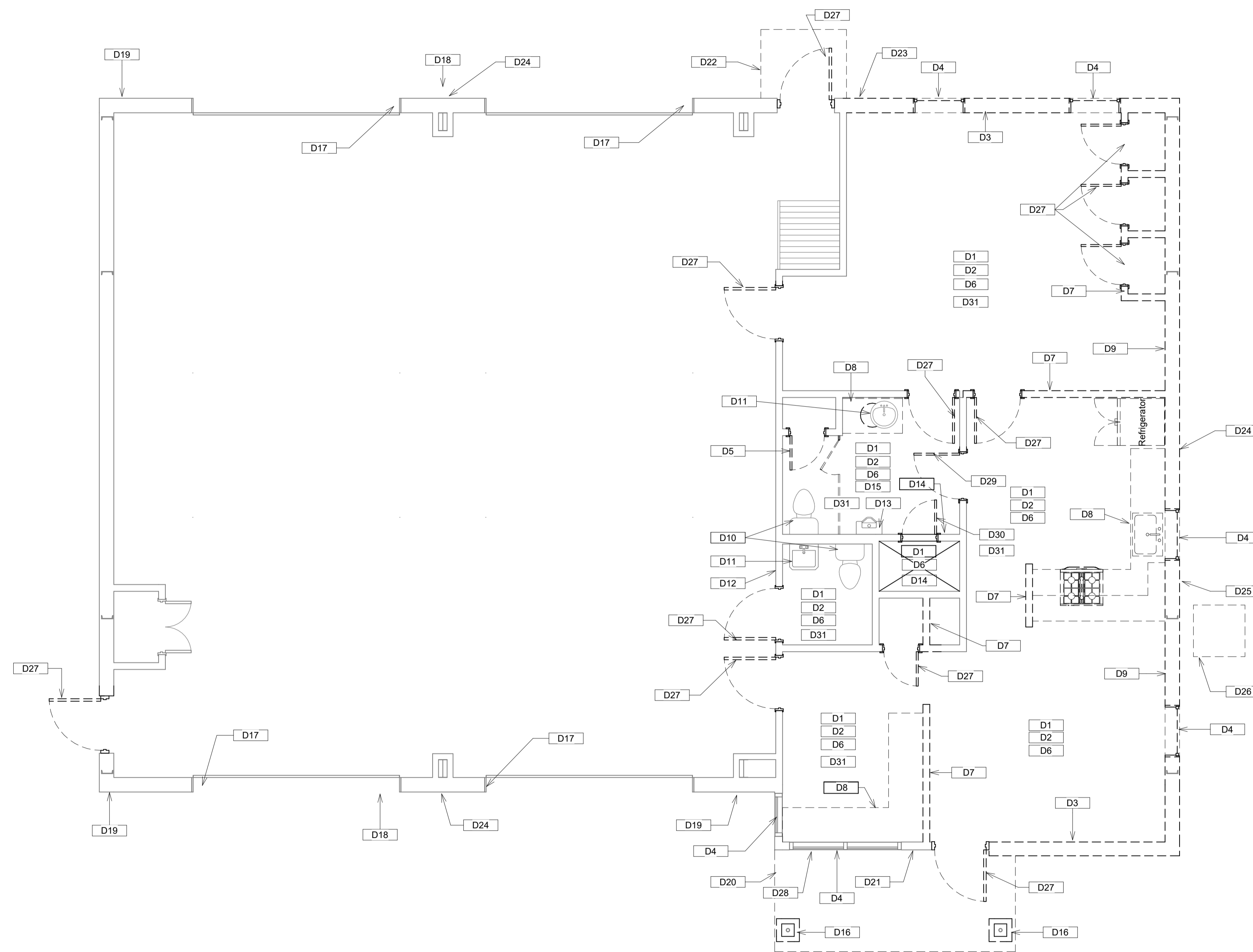
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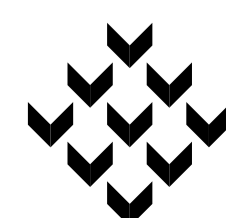
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A4.1

DEMOLITION KEYNOTES	
Key Value	Keynote Text
D1	REMOVE FLOORING
D2	REMOVE WALL BASE
D3	REMOVE WALL COMPLETELY, EXISTING STEEL STRUCTURE TO REMAIN
D4	REMOVE WINDOW
D5	REMOVE DOOR
D6	REMOVE GYPSUM BOARD AT CEILING, REMOVE INSULATION
D7	REMOVE WALL
D8	REMOVE CABINETS
D9	REMOVE SHEETROCK FROM WALL, PORTIONS OF EXISTING STUDS TO REMAIN AS REQUIRED
D10	REMOVE TOILET, PROVIDE NEW TOILET
D11	REMOVE LAVATORY, PROVIDE NEW LAVATORY
D12	REMOVE PLUMBING TO EXISTING WASHER. PATCH HOLES IN WALL.
D13	REMOVE URINAL, PROVIDE NEW URINAL
D14	REMOVE CERAMIC TILE FROM WALLS. REMOVE ALL GYPSUM BOARD.
D15	REMOVE TOILET PARTITION
D16	REMOVE BRICK AT COLUMNS
D17	REMOVE OVERHEAD DOOR WOOD JAMB AND HEAD
D18	REMOVE GUTTERS
D19	REMOVE DOWNSPOUTS
D20	REMOVE ROOFING
D21	REMOVE PLAQUE, REINSTALL AT INTERIOR. VERIFY LOCATION WITH OWNER.
D22	REMOVE METAL DOOR CANOPY
D23	REMOVE WATER LINES AND TANK - REFERENCE PLUMBING DRAWINGS
D24	REMOVE WALL LIGHT
D25	REMOVE ALL MECHANICAL GRILLES - REFERENCE MECHANICAL DRAWINGS
D26	HVAC TO BE RELOCATED FOR PORTION OF CONSTRUCTION - REFERENCE MECHANICAL DRAWINGS
D27	REMOVE DOOR AND FRAME
D28	REMOVE EXISTING STUCCO
D29	REMOVE DOOR, WIDEN EXISTING OPENING FOR NEW DOOR AS SCHEDULED.
D30	REMOVE SHOWER DOOR, PROVIDE NEW GLASS SHOWER DOOR.
D31	REMOVE GYPSUM BOARD FROM EXISTING WALLS. PROVIDE NEW GYPSUM BOARD AS PER PARTITION DETAILS.



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

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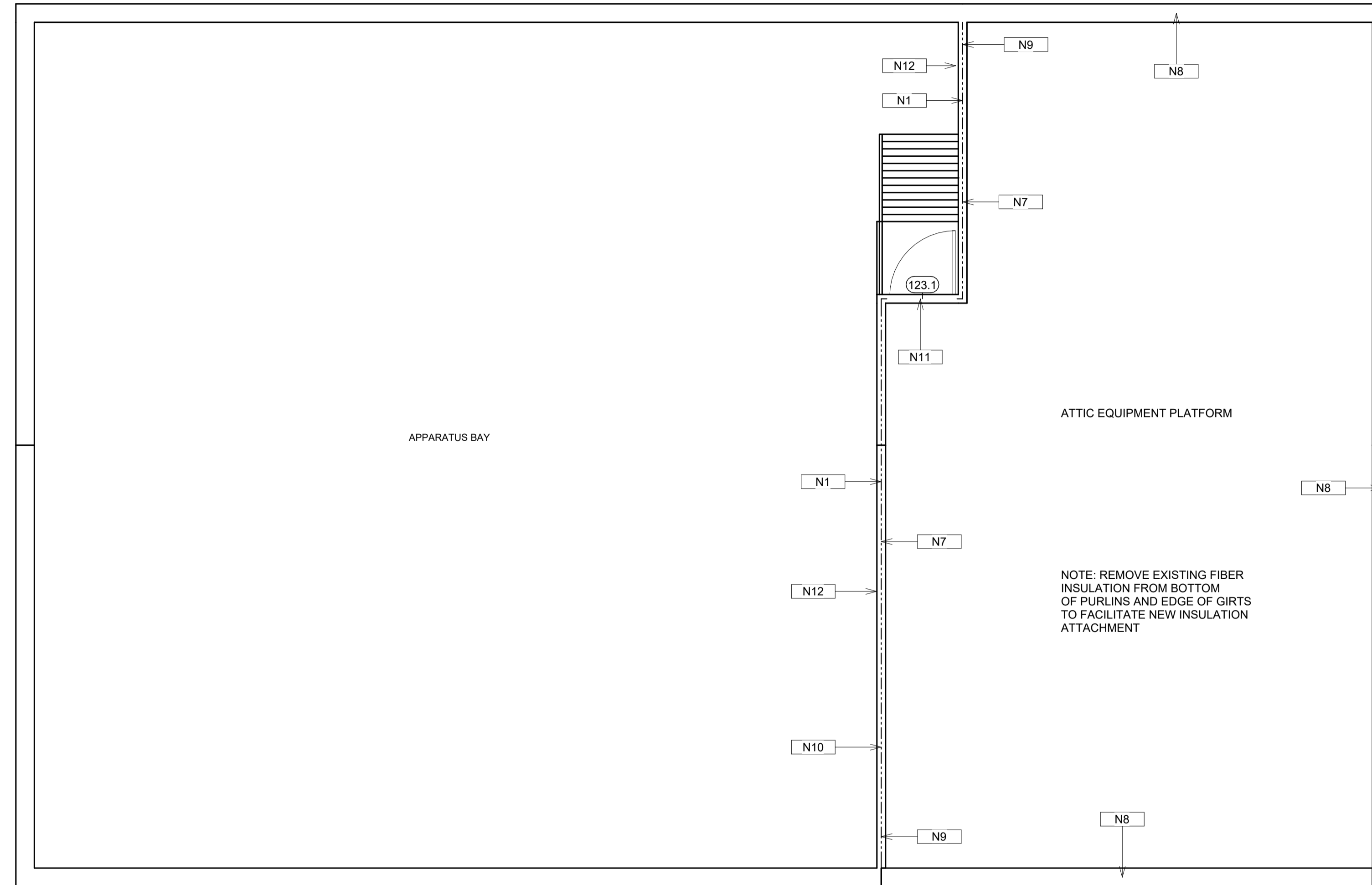
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ADDITONS AND RENOVATIONS

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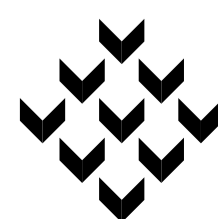
A4.2

NEW KEYNOTES	
Key Value	Keynote Text
N1	PATCH AND PAINT WALL
N2	PAINT METAL WALL PANELS AND TRIM
N3	PAINT DOOR AND FRAME
N4	INSTALL NEW PVC JAMBS AND HEAD TRIM. PAINT.
N5	PAINT OVERHEAD DOOR
N6	PAINT STAIR
N7	EXISTING 1HR RATED WALL. CONTRACTOR TO ASSUME THERE IS NO INSULATION IN THE WALL. REMOVE EXISTING GYPSUM BOARD. PROVIDE NEW R-11 BATT INSULATION. PROVIDE NEW 2 LAYERS 5/8" TYPE "X" GYPSUM BOARD. PATCH ALL HOLES, JOINTS AND PENETRATIONS. FIRE CAULK ALL JOINTS. CONTRACTOR TO VERIFY PRIOR TO WALL WORK.
N8	INSTALL NEW BATT INSULATION AT WALL
N9	PROVIDE FRAMING AS REQUIRED TO EXTEND EXISTING RATED WALL TO EXTERIOR WALL. INSTALL 2 LAYERS 5/8" TYPE "X" GYP. BRD. FIRE CAULK JOINTS.
N10	REMOVE EXISTING NON WORKING SPEAKER. PATCH HOLE AND PAINT.
N11	REMOVE EXISTING DOOR AND FRAME. REPLACE WITH NEW DOOR AND FRAME AS SCHEDULE.
N12	REMOVE EXISTING PLYWOOD FROM WALL. PATCH ANY OPENINGS IN EXISTING GYP. BRD. PROVIDE ADDITIONAL LAYER OF 5/8" TYPE "X" GYP. BRD. OVER EXISTING GYP. BRD. EXTEND TO ROOF AND EXTERIOR WALLS. FIRE CAULK AS REQUIRED. PROVIDE HARDIE BOARD AND BATTEN TO 8'-0" A.F.F. ON APPARATUS SIDE. PRIME AND PAINT WALL.



1. ATTIC EQUIPMENT PLATFORM PLAN
SCALE: 1/4" = 1'-0"

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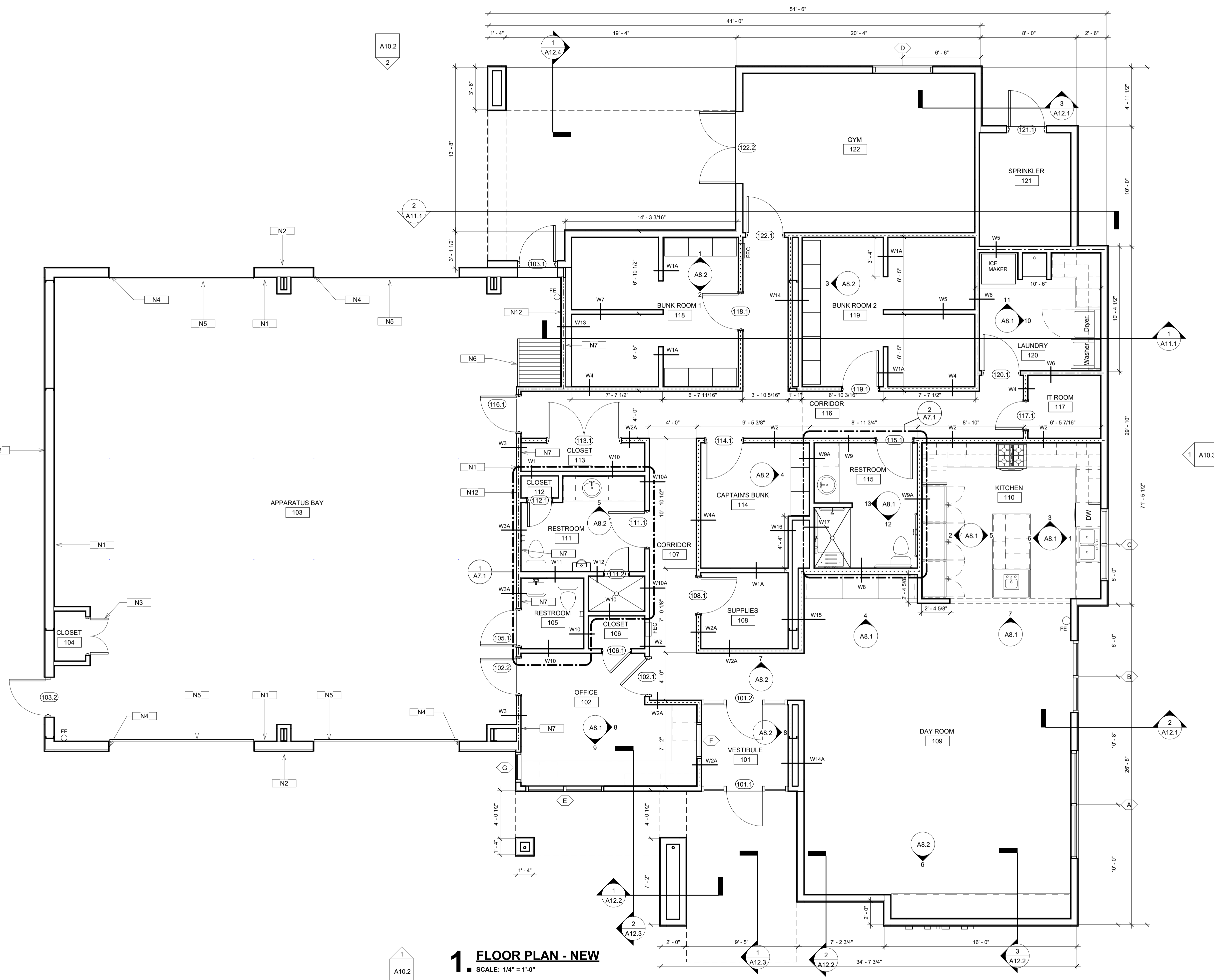
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FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

A4.3

NEW KEYNOTES	
Key Value	Keynote Text
N1	PATCH AND PAINT WALL
N2	PAINT METAL WALL PANELS AND TRIM
N3	PAINT DOOR AND FRAME
N4	INSTALL NEW PVC JAMBS AND HEAD TRIM. PAINT.
N5	PAINT OVERHEAD DOOR
N6	PAINT STAIR
N7	EXISTING 1HR RATED WALL. CONTRACTOR TO ASSUME THERE IS NO INSULATION IN THE WALL. REMOVE EXISTING GYPSUM BOARD, PROVIDE NEW R-11 BATT INSULATION. PROVIDE NEW 2 LAYERS 5/8" TYPE "X" GYPSUM BOARD. PATCH ALL HOLES, JOINTS AND PENETRATIONS. FIRE CAULK ALL JOINTS. CONTRACTOR TO VERIFY PRIOR TO WALL WORK.
N8	INSTALL NEW BATT INSULATION AT WALL
N9	PROVIDE FRAMING AS REQUIRED TO EXTEND EXISTING RATED WALL TO EXTERIOR WALL. INSTALL 2 LAYERS 5/8" TYPE "X" GYP. BRD. FIRE CAULK JOINTS.
N10	REMOVE EXISTING NON WORKING SPEAKER. PATCH HOLE AND PAINT.
N11	REMOVE EXISTING DOOR AND FRAME. REPLACE WITH NEW DOOR AND FRAME AS SCHEDULE.
N12	REMOVE EXISTING PLYWOOD FROM WALL. PATCH ANY OPENINGS IN EXISTING GYP. BRD. PROVIDE ADDITIONAL LAYER OF 5/8" TYPE "X" GYP. BRD. OVER EXISTING GYP. BRD. EXTEND TO ROOF AND EXTERIOR WALLS. FIRE CAULK AS REQUIRED. PROVIDE HARDIE BOARD AND BATTEN TO 8'-0" A.F.F. ON APPARATUS SIDE. PRIME AND PAINT WALL.



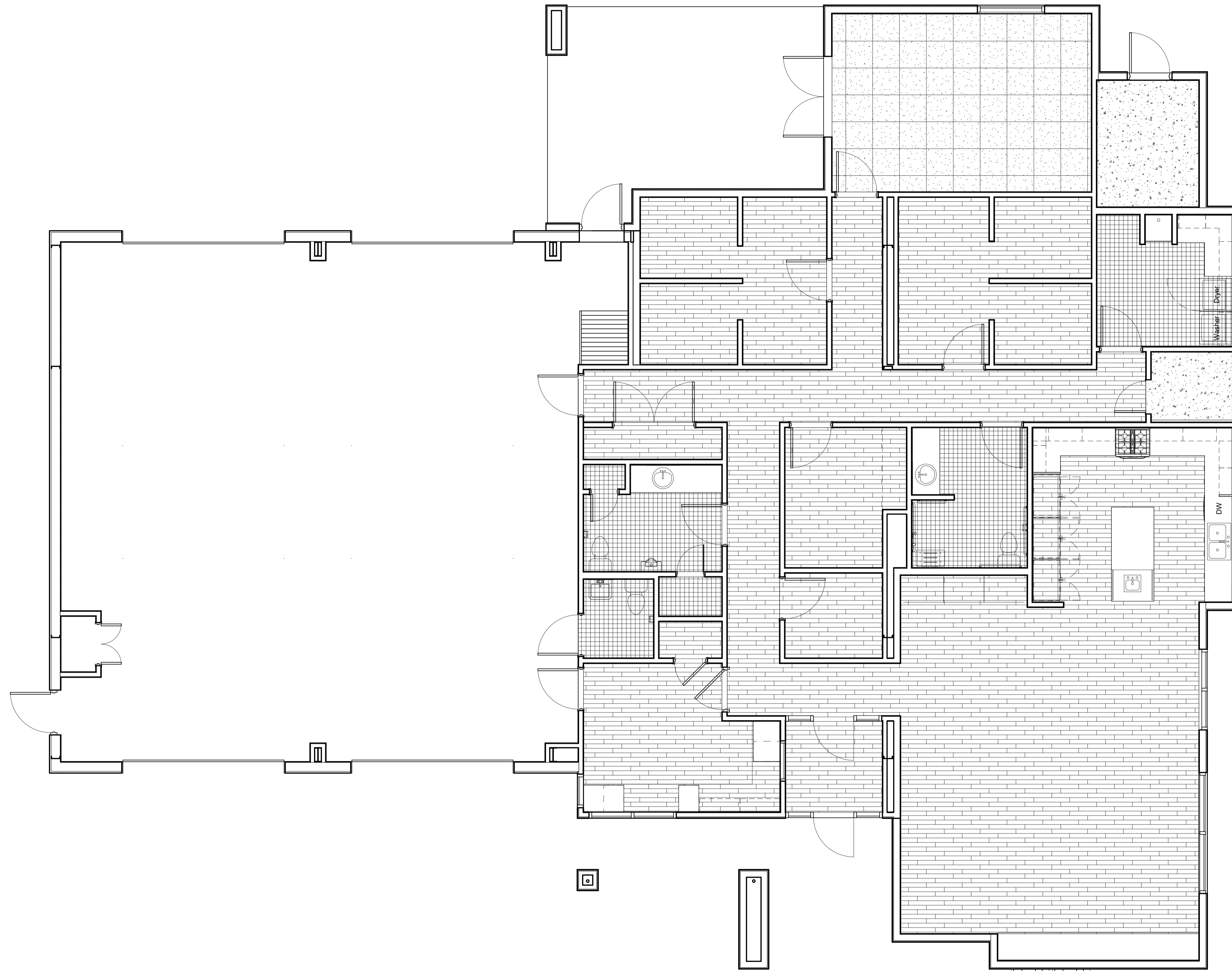
1 FLOOR PLAN - NEW
SCALE: 1/4" = 1'-0"

project 1225
date 01.19.26
revisions



FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet
A4.4

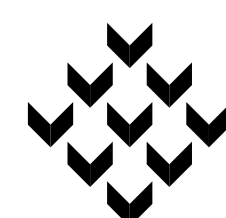


FLOOR PATTERN LEGEND	
	SEALED CONCRETE
	LUXURY VINYL PLANK
	2' x 2' CERAMIC TILE
	24' x 24' RUBBER TILE

COLORS TO BE CHOSEN BY ARCHITECT FROM MANUFACTURER'S FULL RANGE

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

project 1225
 date 01.19.26
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FIRE STATION 44
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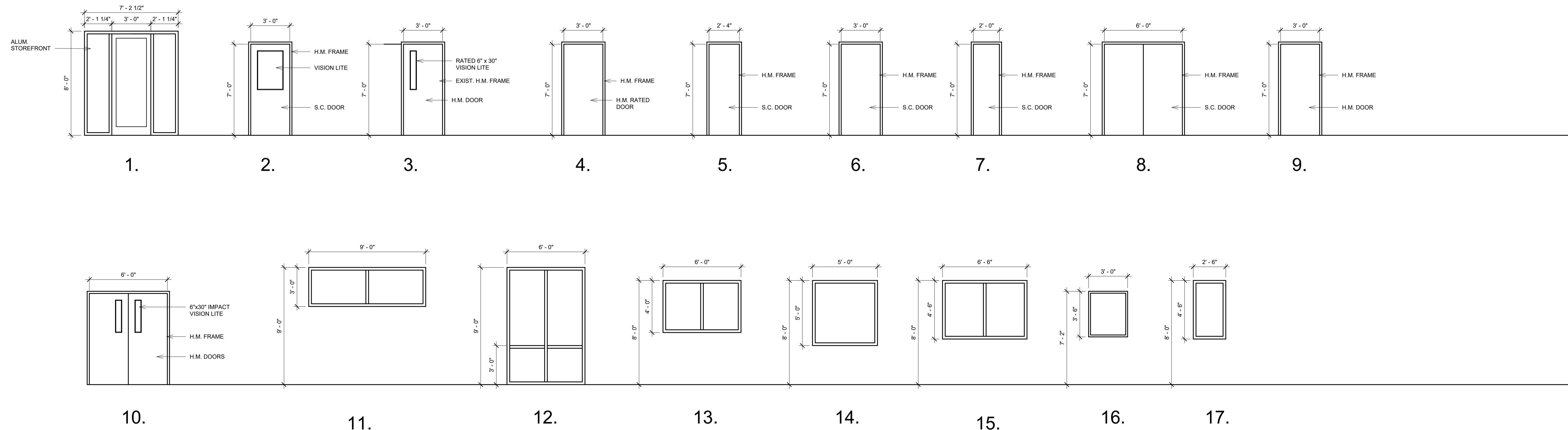
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A4.5

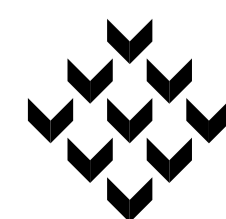
DOOR SCHEDULE												
MARK	WIDTH	HEIGHT	THICK.	DESCRIPTION	ELEV.	FRAME	GLAZING	HEAD DETAIL	JAMB DETAIL	THRESHOLD DETAIL	FIRE RATING	REMARKS
101.1	3'-0"	7'-9 1/2"		ALUMINIUM STOREFRONT	1/A5.1	ALUMINIUM	IMPACT	1/A16.1	2/A16.1	3/A16.1	0	SIDELIGHT
101.2	3'-0"	7'-9 1/2"		ALUMINIUM STOREFRONT	1/A5.1	ALUMINIUM	SAFETY	4/A16.1	5/A16.1	6/A16.1	0	SIDELIGHT
102.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	2/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1		VISION PANEL
102.2	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	3/A5.1	HOLLOW METAL		1/A16.2	2/A16.2	12/A16.1	90 MIN.	VISION PANEL
103.1	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	9/A5.1	HOLLOW METAL		10/A16.1	11/A16.1	12/A16.1	0	
103.2	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	9/A5.1	HOLLOW METAL					0	CONTRACTOR TO VERIFY SIZE
105.1	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	4/A3.1	HOLLOW METAL		1/A16.2	2/A16.2	9/A16.1	90 MIN.	
106.1	2'-4"	7'-0"	1 3/4"	SOLID CORE WOOD	5/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
108.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
111.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
111.2	2'-0"	6'-8"	1/2"	SHOWER - GLASS		ALUMINIUM	SAFETY				0	
112.1	2'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	7/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
113.1	6'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	8/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
114.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
115.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
116.1	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	3/A5.1	HOLLOW METAL		1/A16.2	2/A16.2	9/A16.1	90 MIN.	VISION PANEL
117.1	2'-4"	7'-0"	1 3/4"	SOLID CORE WOOD	5/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
118.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
119.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	0	
120.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	6/A5.1	HOLLOW METAL		7/A16.1	8/A16.1	9/A16.1	60 MIN.	
121.1	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	9/A5.1	HOLLOW METAL		10/A16.1	11/A16.1	12/A16.1	0	
122.1	3'-0"	7'-0"	1 3/4"	SOLID CORE WOOD	2/A5.1	HOLLOW METAL	SAFETY	7/A16.1	8/A16.1	9/A16.1	0	VISION PANEL
122.2	6'-0"	7'-0"	1 3/4"	HOLLOW METAL	10/A5.1	HOLLOW METAL	IMPACT	10/A16.1	11/A16.1	12/A16.1	0	VISION PANEL
123.1	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	3/A5.1	HOLLOW METAL					90 MIN.	

ROOM FINISH SCHEDULE							
RM. NO.	ROOM NAME	FLOORING	BASE	WALLS	CEILING	CEIL. HGHT.	COMMENTS
101	VESTIBULE	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
102	OFFICE	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
103	APPARATUS BAY	EXISTING	EXISTING	EXISTING	ACOUSTICAL TILE		
104	CLOSET	EXISTING	EXISTING	EXISTING	EXISTING		
105	RESTROOM	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD / CERAMIC TILE	GYPSUM BOARD	8'-0"	
106	CLOSET	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
107	CORRIDOR	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
108	SUPPLIES	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
109	DAY ROOM	VINYL PLANK	RUBBER	GYPSUM BOARD	ACOUSTICAL TILE	10'-0"	
110	KITCHEN	VINYL PLANK	RUBBER	GYPSUM BOARD / CERAMIC TILE	ACOUSTICAL TILE	10'-0"	
111	RESTROOM	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD / CERAMIC TILE	GYPSUM BOARD	8'-0"	
112	CLOSET	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
113	CLOSET	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
114	CAPTAIN'S BUNK	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
115	RESTROOM	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD / CERAMIC TILE	GYPSUM BOARD	9'-0"	
116	CORRIDOR	VINYL PLANK	RUBBER	GYPSUM BOARD	GYPSUM BOARD	8'-0"	
117	IT ROOM	CONCRETE	RUBBER	GYPSUM BOARD	ACOUSTICAL TILE	9'-0"	
118	BUNK ROOM 1	VINYL PLANK	RUBBER	GYPSUM BOARD	ACOUSTICAL TILE	8'-0"	
119	BUNK ROOM 2	VINYL PLANK	RUBBER	GYPSUM BOARD	ACOUSTICAL TILE	8'-0"	
120	LAUNDRY	CERAMIC TILE	CERAMIC TILE	GYPSUM BOARD	ACOUSTICAL TILE	9'-0"	
121	SPRINKLER	CONCRETE	NONE	GYPSUM BOARD	NONE		
122	GYM	RUBBER TILE	RUBBER	GYPSUM BOARD	ACOUSTICAL TILE	9'-0"	

STOREFRONT SCHEDULE										
MARK	LENGTH	HEIGHT	DESCRIPTION	ELEV	FRAME	GLAZING	HEAD DETAIL	JAMB DETAIL	SILL DETAIL	COMMENTS
A	9' - 0"	3' - 0"	ALUMINIUM STOREFRONT	11/A5.1	ALUM.	IMPACT / INSUL/ TINTED	1/A15.1	2/A15.1	3/A15.1	
B	6' - 0"	9' - 0"	ALUMINIUM STOREFRONT	12/A5.1	ALUM.	IMPACT / INSUL/ TINTED	1/A15.1	2/A15.1	4/A15.1	
C	6' - 0"	4' - 0"	ALUMINIUM STOREFRONT	13/A5.1	ALUM.	IMPACT / INSUL/ TINTED	5/A15.1	6/A15.1	7/A15.1	
D	5' - 0"	5' - 0"	ALUMINIUM STOREFRONT	14/A5.1	ALUM.	IMPACT / INSUL/ TINTED	8/A15.1	9/A15.1	10/A15.1	
E	6' - 6"	4' - 6"	ALUMINIUM STOREFRONT	15/A5.1	ALUM.	IMPACT / INSUL/ TINTED	11/A15.1	12/A15.1	1/A15.2	
F	3' - 0"	3' - 6"	ALUMINIUM STOREFRONT	16/A5.1	ALUM.	SAFETY	2/A15.2	3/A15.2	4/A15.2	
G	2' - 6"	4' - 6"	ALUMINIUM STOREFRONT	17/A5.1	ALUM.	IMPACT / INSUL/ TINTED	11/A15.1	12/A15.1	1/A15.2	



project 1225
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revisions



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FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

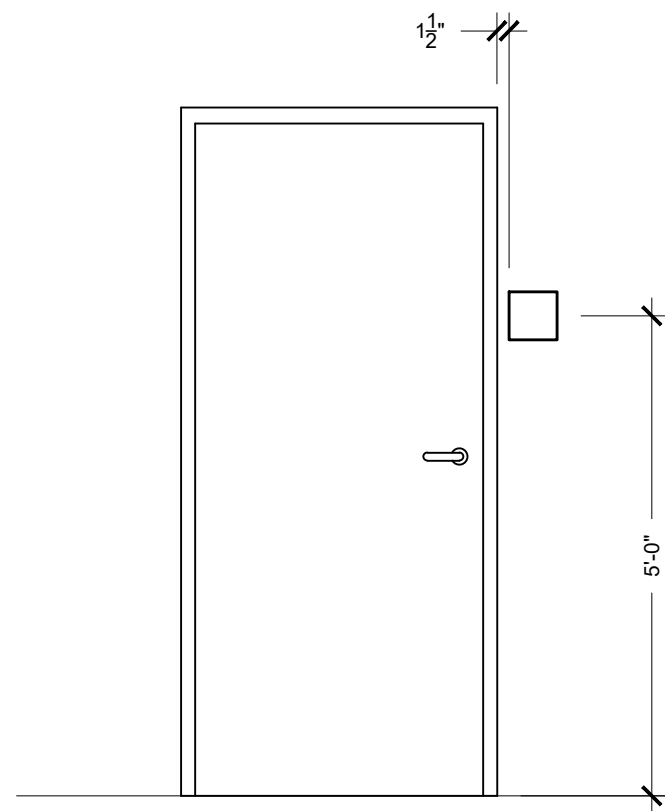
A5.1

1. SIGNAGE SCHEDULE

SCALE: NONE

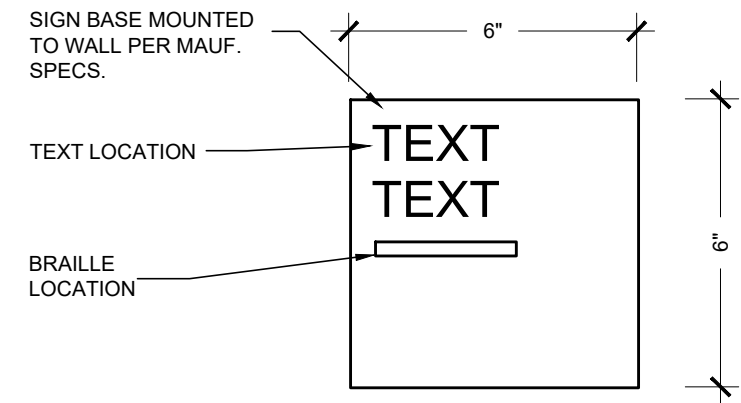
DOOR NO.	SIGN LOCATION	TEXT LINE 1	TEXT LINE 2	SIGN TYPE	REMARKS
102.1	CORRIDOR	WATCH	OFFICE	A	
102.2	OFFICE	APPARATUS	BAY	A	
103.1	APPARATUS	EXIT		A	
105.1	APPARATUS	RESTROOM		B	MEN, WOMEN
106.1	OFFICE	CLOSET		A	
108.1	CORRIDOR	SUPPLIES		A	
111.1	CORRIDOR	RESTROOM	SHOWER	B	MEN, WOMEN
112.1	RESTROOM	CLOSET		A	
113.1	CORRIDOR	EMS	SUPPLIES	A	
114.1	CORRIDOR	CAPTAIN'S	BUNK	A	
115.1	CORRIDOR	RESTROOM	SHOWER	B	MEN, WOMEN, WHEELCHAIR
117.1	CORRIDOR	DATA	CLOSET	A	
118.1	CORRIDOR	BUNK 1		A	
119.1	CORRIDOR	BUNK 2		A	
120.1	CORRIDOR	LAUNDRY		A	
121.1	EXTERIOR	SPRINKLER		A	
122.1	CORRIDOR	GYM	EXIT	A	
122.2	GYM	EXIT		A	

NOTE: CONTRACTOR TO SUBMIT MANUFACTURER COLOR SAMPLES TO ARCHITECT FOR FINAL COLOR SELECTION.
ALL TEXT SHALL BE VERIFIED BY OWNER PRIOR TO FABRICATION.



ROOM SIGN WALL MOUNTED
2. SIGNAGE LOCATION
SCALE: 1/2" = 1'-0"

WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL.
VERIFY LOCATION WITH ARCHITECT.



3. SIGN TYPE "A"
SCALE: 1/2" = 1'-0"



4. SIGN TYPE "B"
SCALE: 1/2" = 1'-0"

ADDITIONS AND RENOVATIONS
FIRE STATION NO. 44

FIRE PROTECTION DISTRICT NO. 4
ST. TAMMANY PARISH

 Richard Danielson
 Chairman

 Bert Norton
 Fire Chief

 Commissioners
 Darryl Taylor, Vice-Chairman
 Colin Buchholz
 Earl Gorronzona
 Roy Viger

 PIAZZA ARCHITECTURE PLANNING
 ARCHITECT

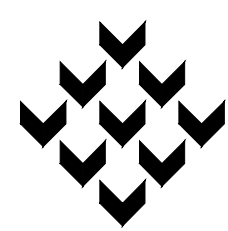
 CONTRACTOR
 GENERAL CONTRACTOR

2026

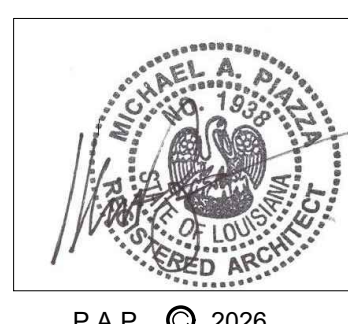
5. BUILDING JOB SIGN AND PLAQUE
SCALE: 6" = 1'-0"

RE: SPECS FOR PLAQUE INFORMATION
PLAQUE SIZE TO BE 12"x16"

project 1225
date 01.19.26
revisions



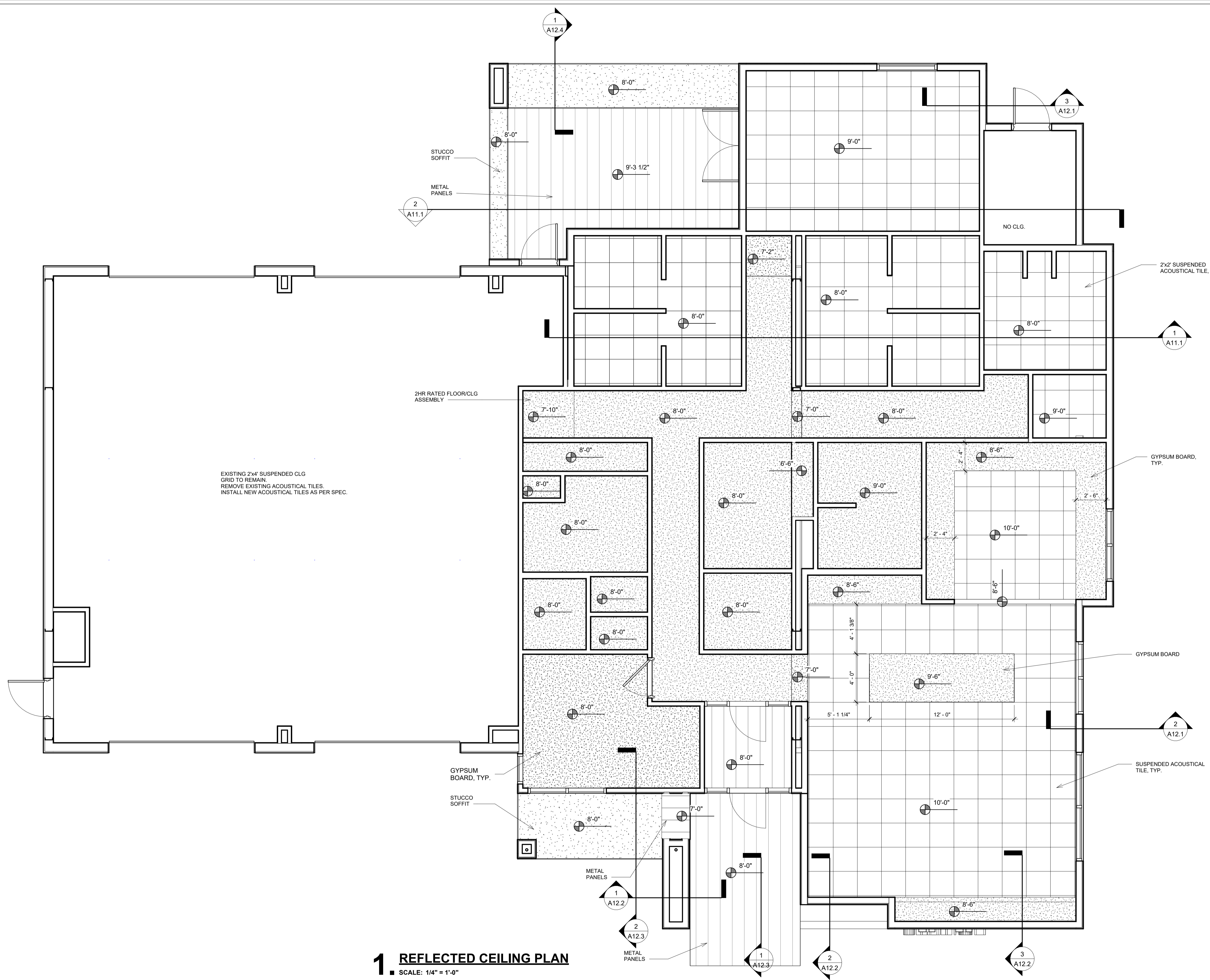
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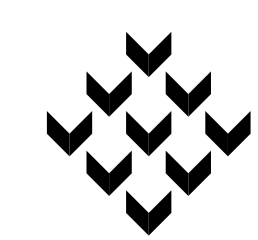
FIRE STATION 44
RENOVATIONS AND ADDITIONS
 ST. TAMMANY PARISH • LOUISIANA

sheet
A5.2
of



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

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date 01.19.26
revisions



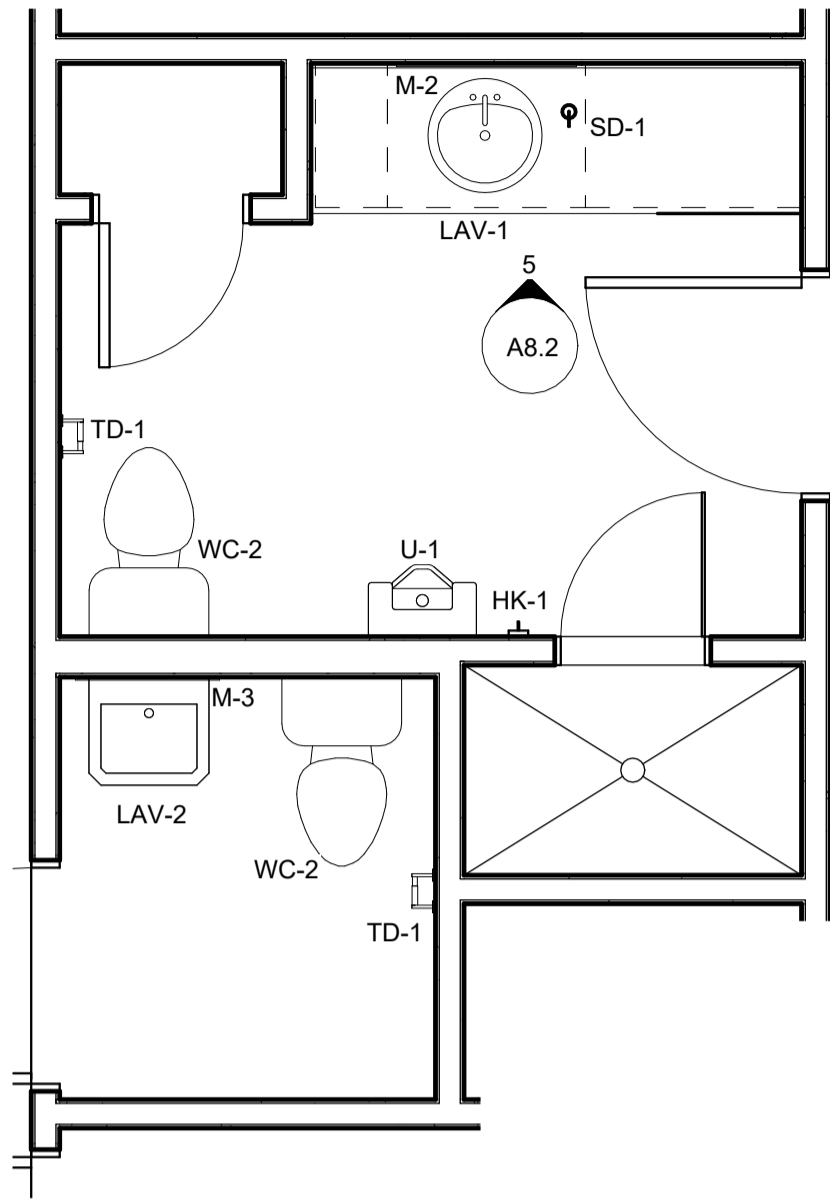
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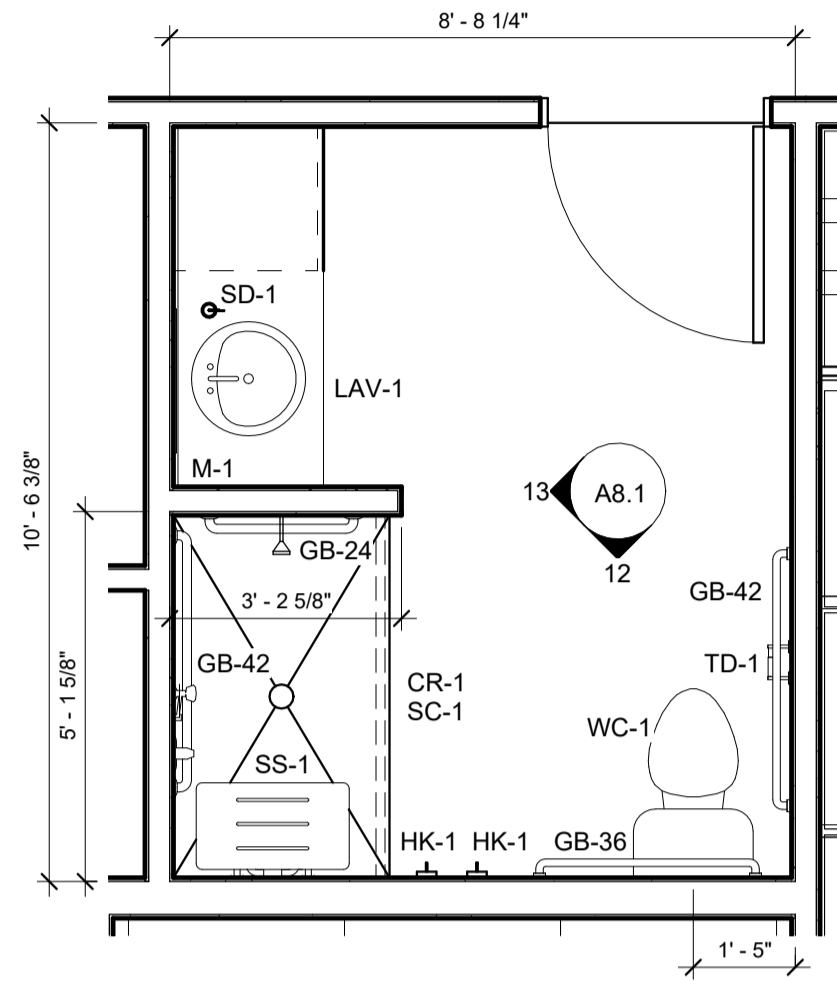
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ADDITONS AND RENOVATIONS

sheet
A6.1



1 RESTROOMS 105 & 111
SCALE: 3/8" = 1'-0"

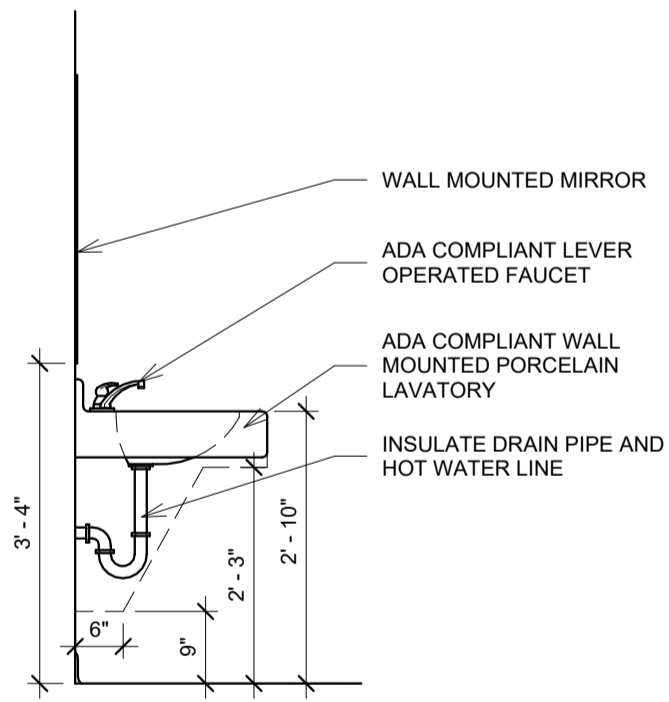


2 RESTROOM 115
SCALE: 3/8" = 1'-0"

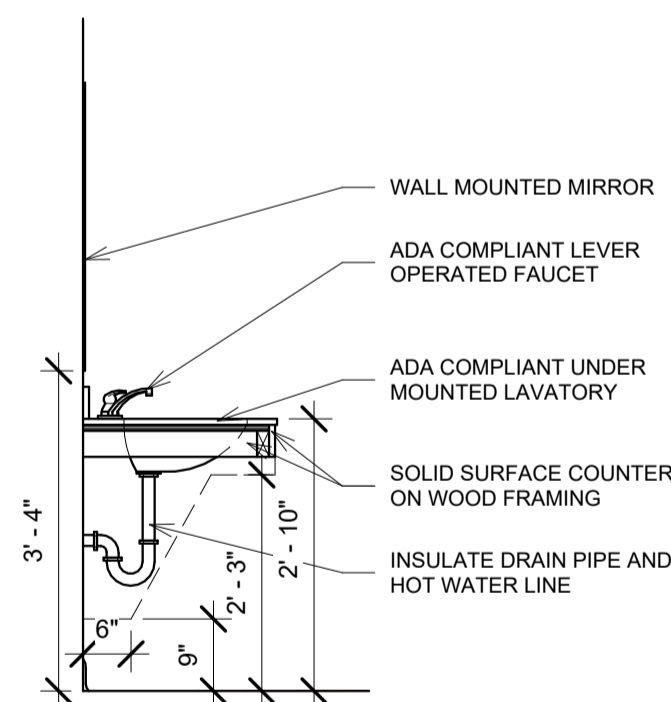
RESTROOM FIXTURES AND ACCESSORIES LEGEND:

- WC-1 PORCELAIN FLOOR MOUNTED TOILET, ACCESSIBLE
- WC-2 PORCELAIN FLOOR MOUNTED TOILET
- LAV-1 PORCELAIN DROP IN LAVATORY WITH FAUCET, ACCESSIBLE
- LAV-2 PORCELAIN WALL MOUNTED LAVATORY WITH FAUCET, ACCESSIBLE
- M-1 24"x42" FRAMED MIRROR, BOBRICK B-165 2442
- M-2 30"x42" FRAMED MIRROR, BOBRICK B-165 3042
- M-3 18"x42" FRAMED MIRROR BOBRICK B-165 1842
- GB-24 STAINLESS STEEL 24" GRAB BAR, BOBRICK B-6806
- GB-36 STAINLESS STEEL 36" GRAB BAR, BOBRICK B-6806
- GB-42 STAINLESS STEEL 42" GRAB BAR, BOBRICK B-6806
- SD-1 SOAP DISPENSER, BOBRICK B-8221
- TD-1 TOILET PAPER DISPENSER, BOBRICK B-685
- SS-1 FOLDING SHOWER SEAT, BOBRICK B-5191
- CR-1 SHOWER CURTAIN ROD, 60", BOBRICK B-6107
- SC-1 SHOWER CURTAIN AND HOOKS, BOBRICK B-204-1, B-204-3
- HK-1 TOWEL HOOK, BOBRICK B-2116, MOUNTED 48" A.F.F

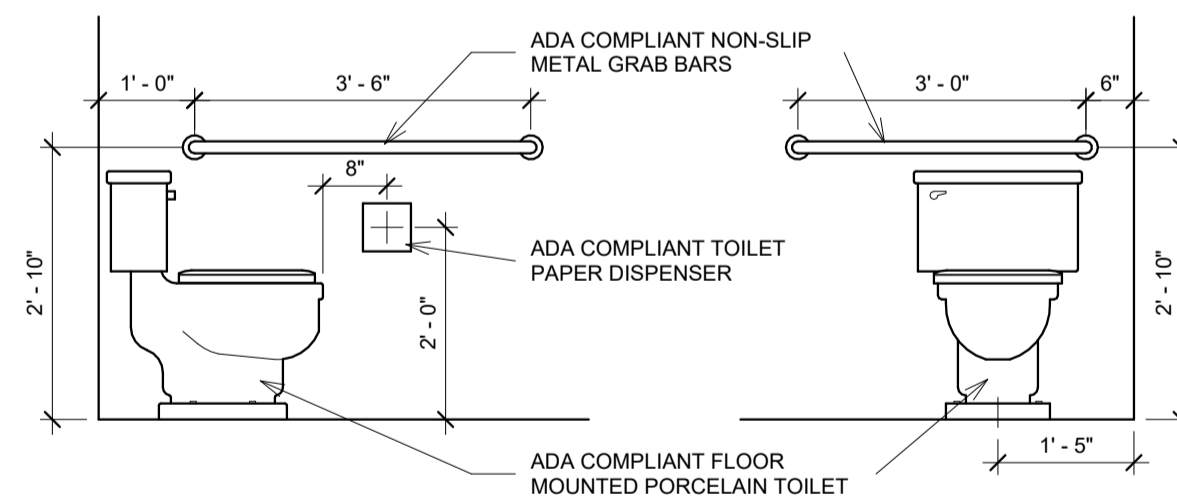
NOTE:
PROVIDE 2x SOLID BLOCKING IN WALLS FOR ATTACHMENT OF ALL WALL HUNG RESTROOM ACCESSORIES. NOTIFY ARCHITECT FOR INSPECTION OF BLOCKING PRIOR TO INSTALLING WALL FINISH.



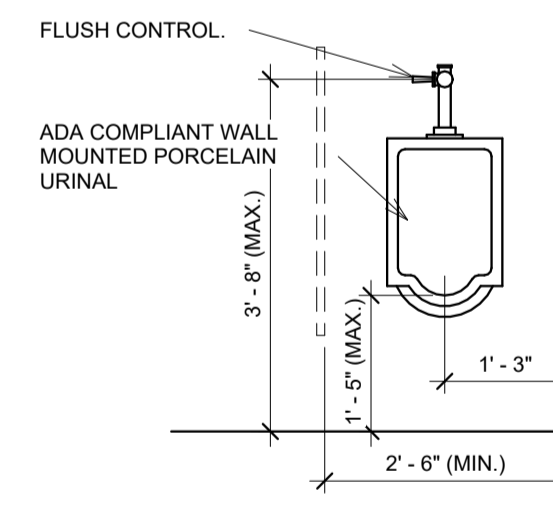
WALL HUNG LAVATORY



COUNTERTOP LAVATORY



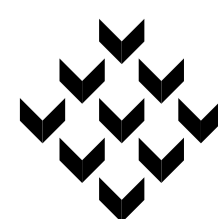
TOILET



URINAL

3 ACCESSIBLE DETAILS
SCALE: 1/2" = 1'-0"

project 1225
date 01.19.26
revisions



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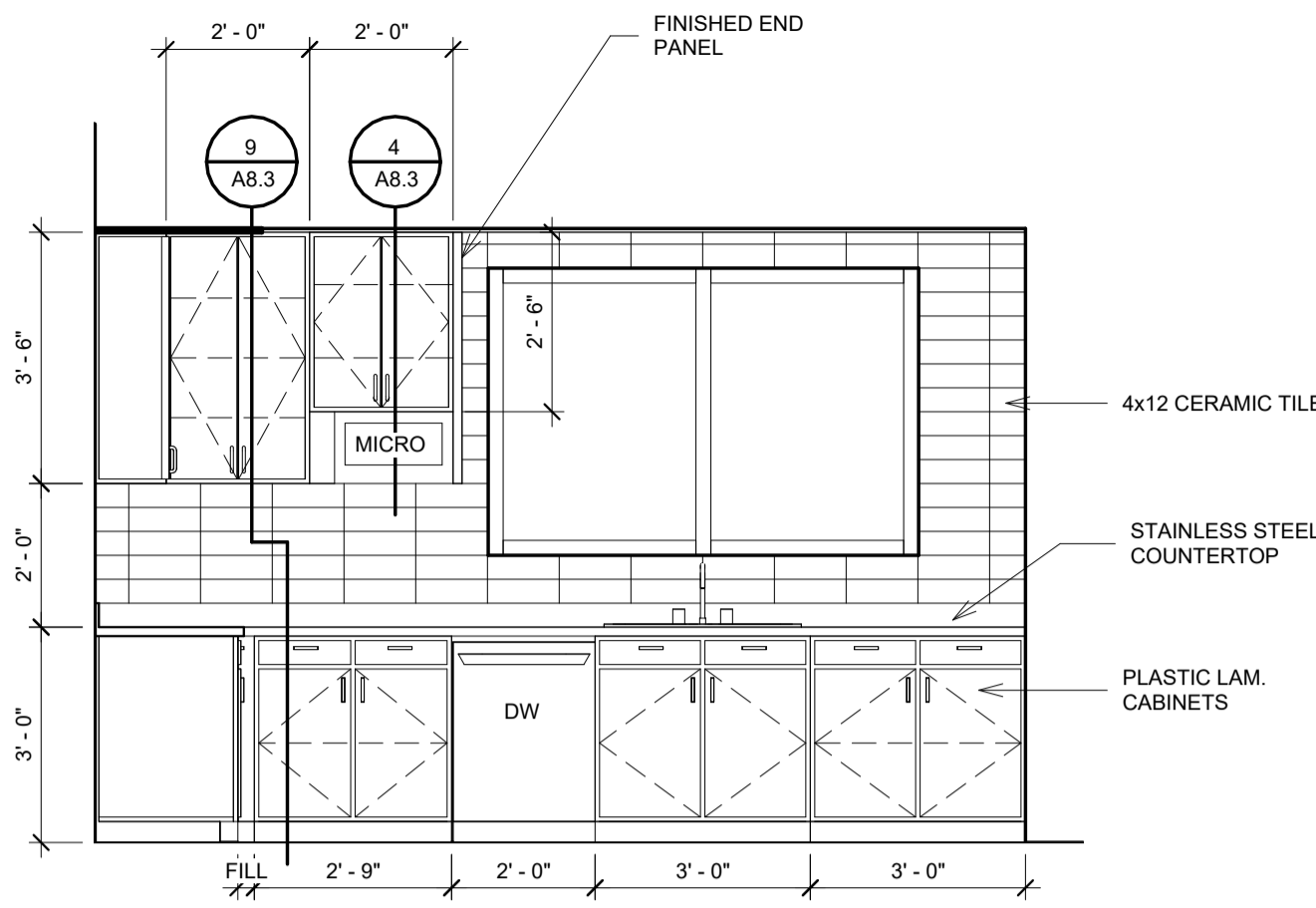


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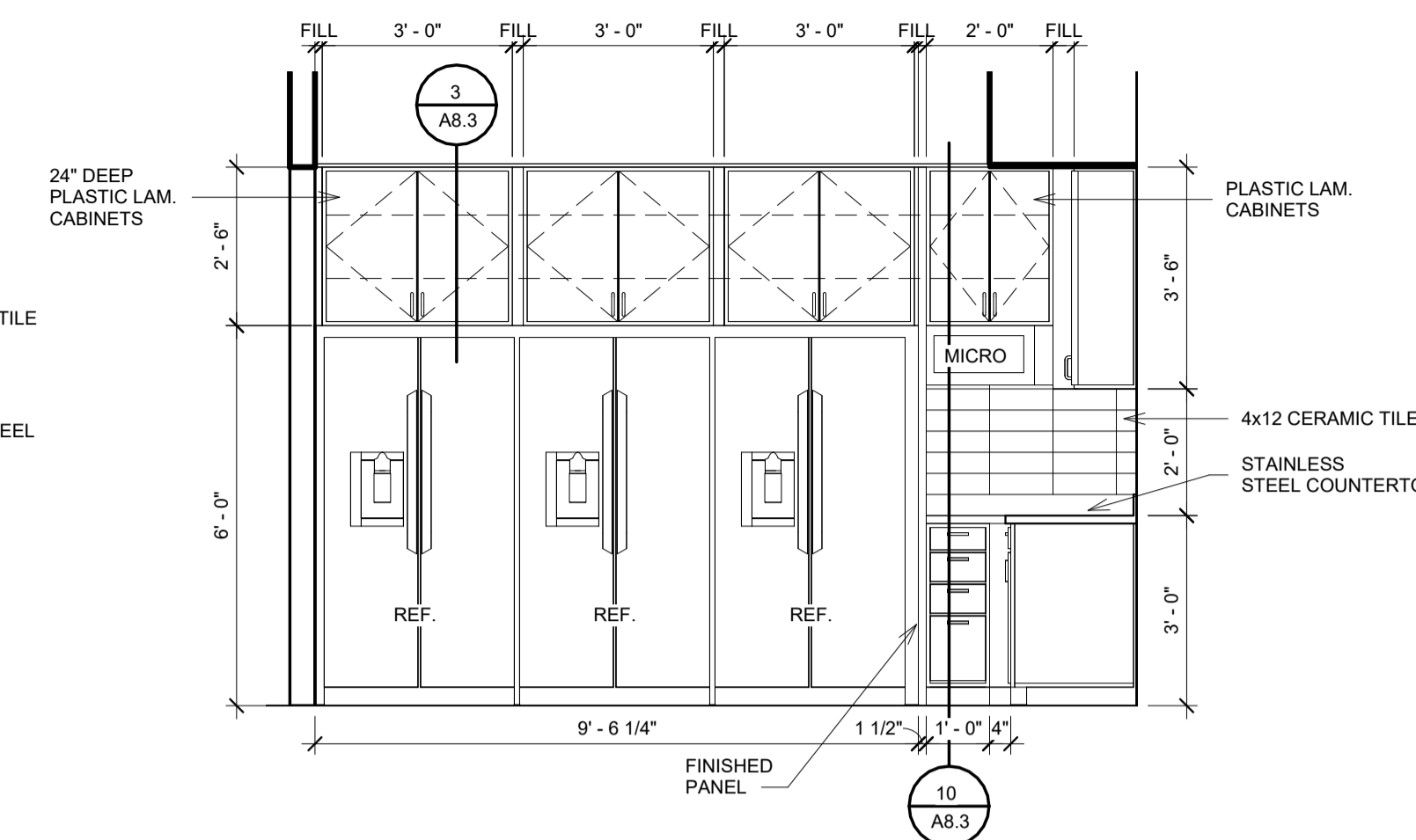
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

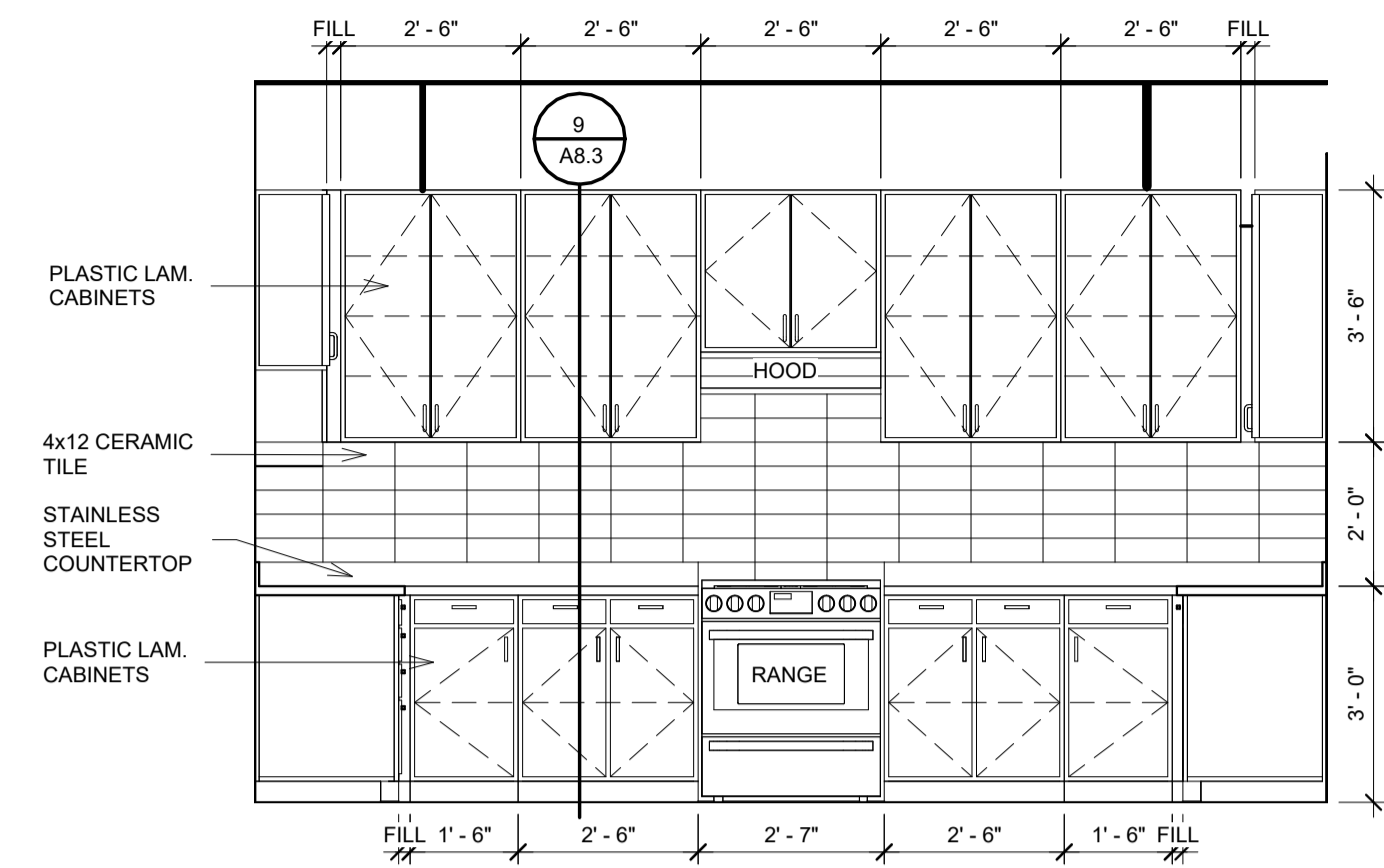
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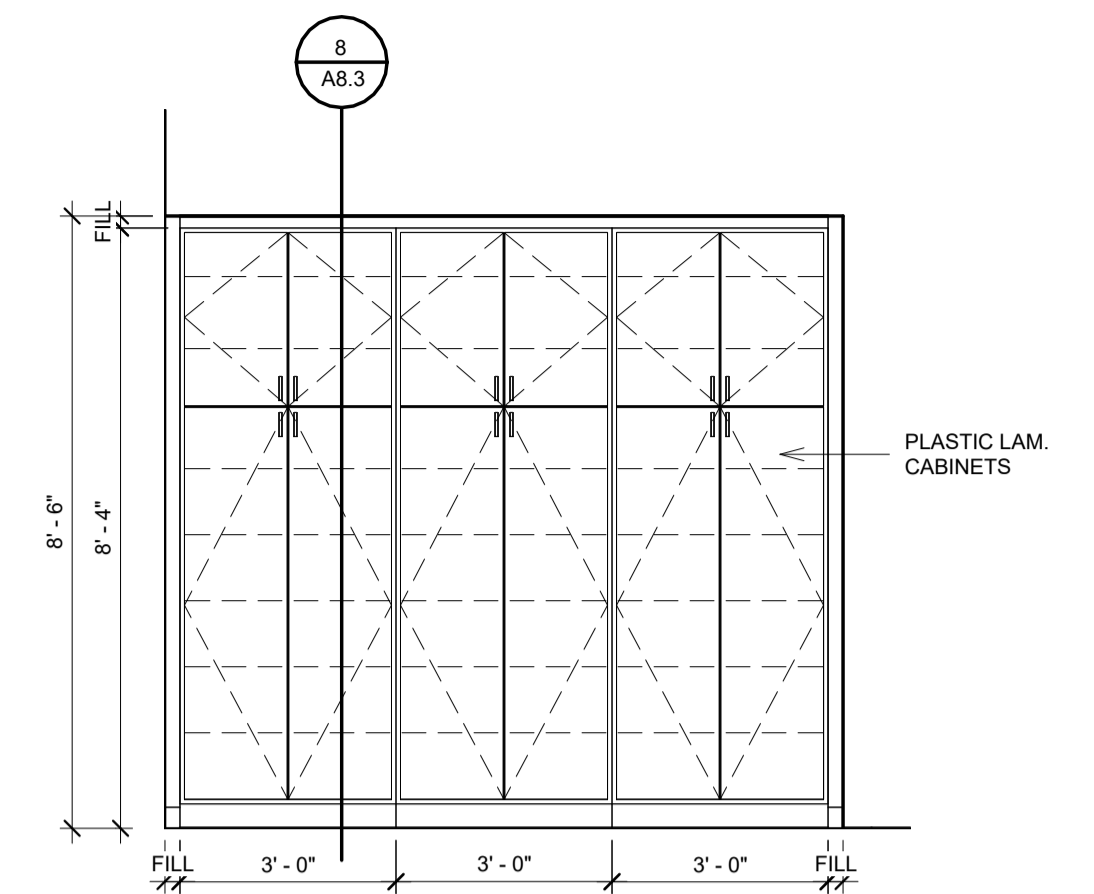
1. KITCHEN-EAST
SCALE: 3/8" = 1'-0"



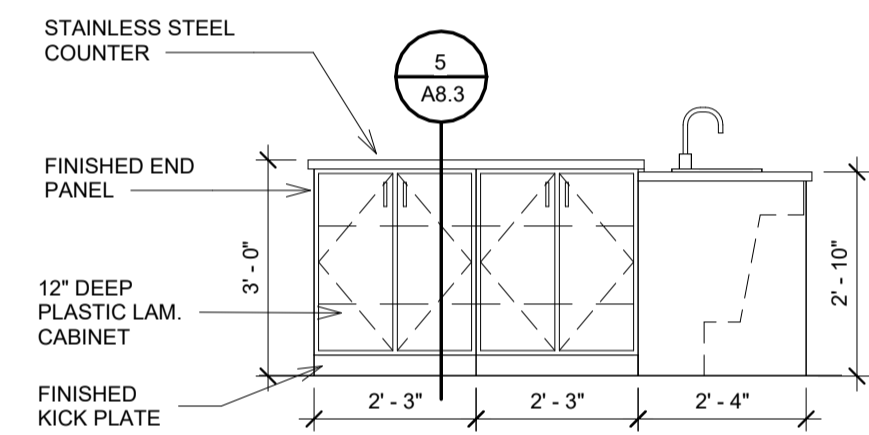
2. KITCHEN-WEST
SCALE: 3/8" = 1'-0"



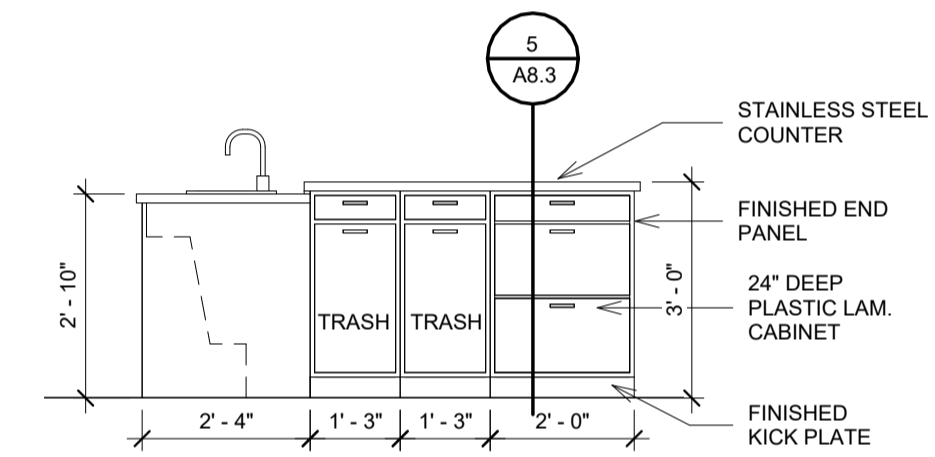
3. KITCHEN-NORTH
SCALE: 3/8" = 1'-0"



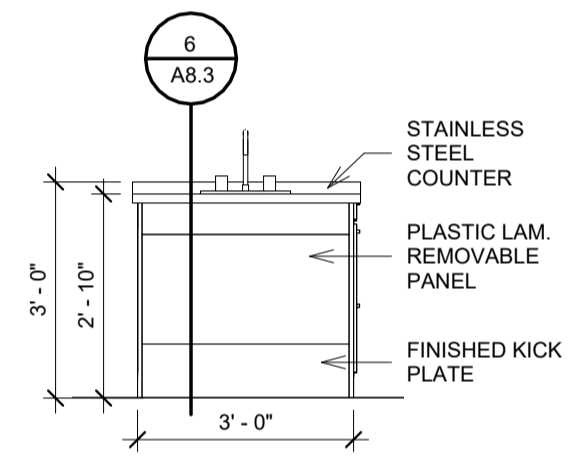
4. PANTRY CABINETS
SCALE: 3/8" = 1'-0"



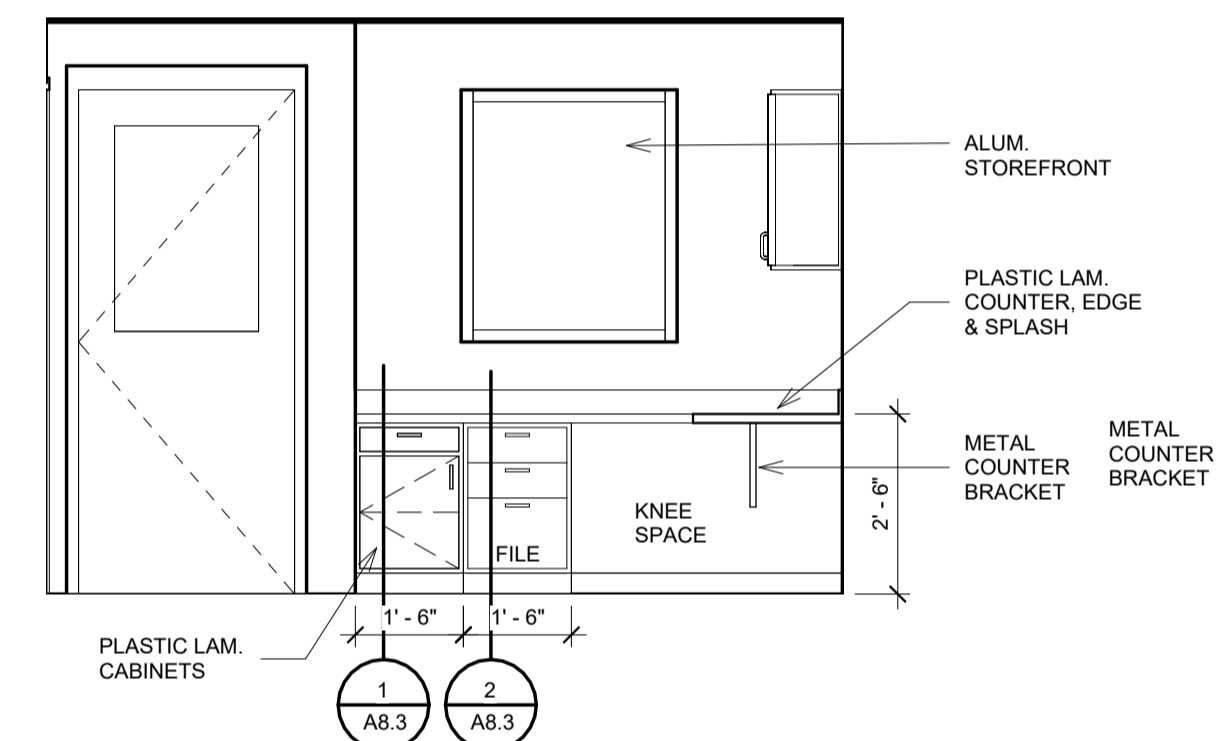
5. ISLAND-EAST
SCALE: 3/8" = 1'-0"



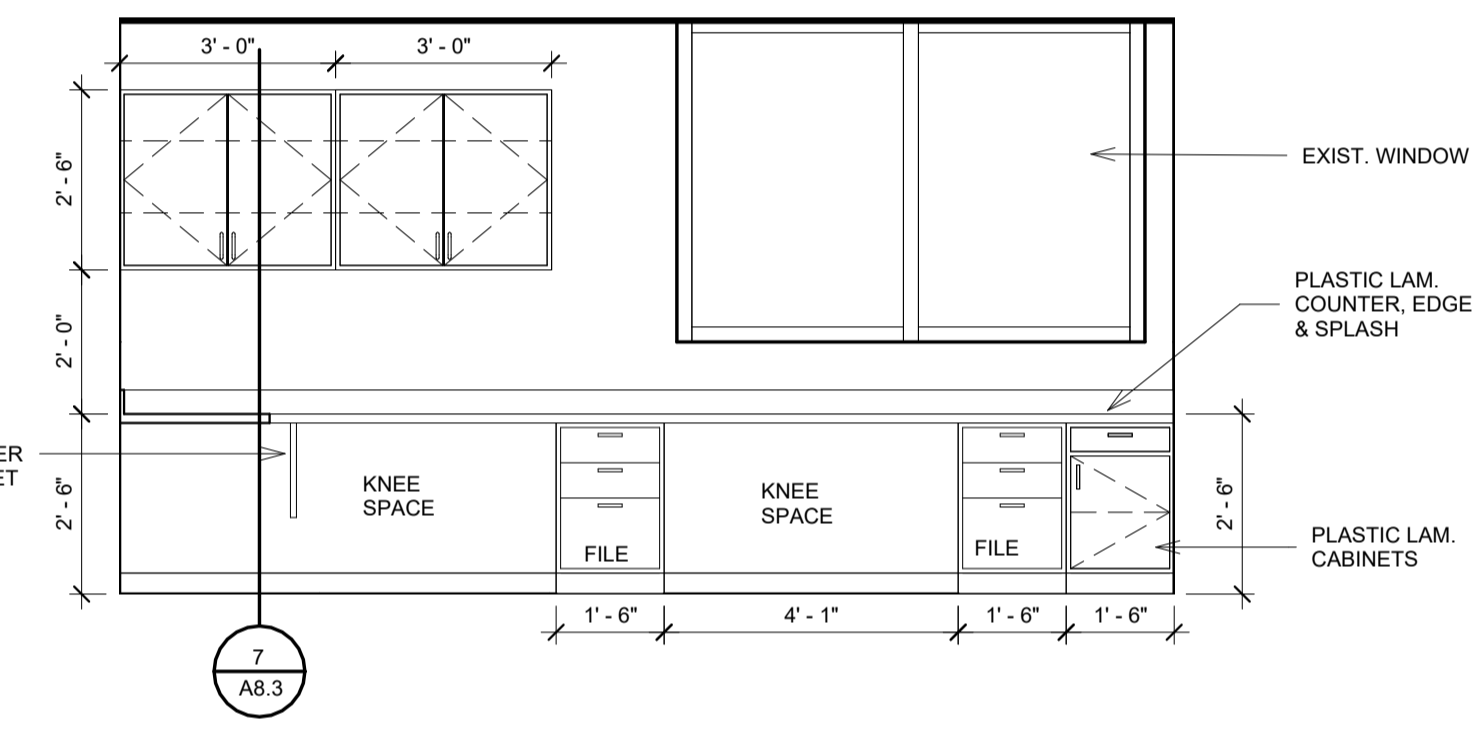
6. ISLAND-WEST
SCALE: 3/8" = 1'-0"



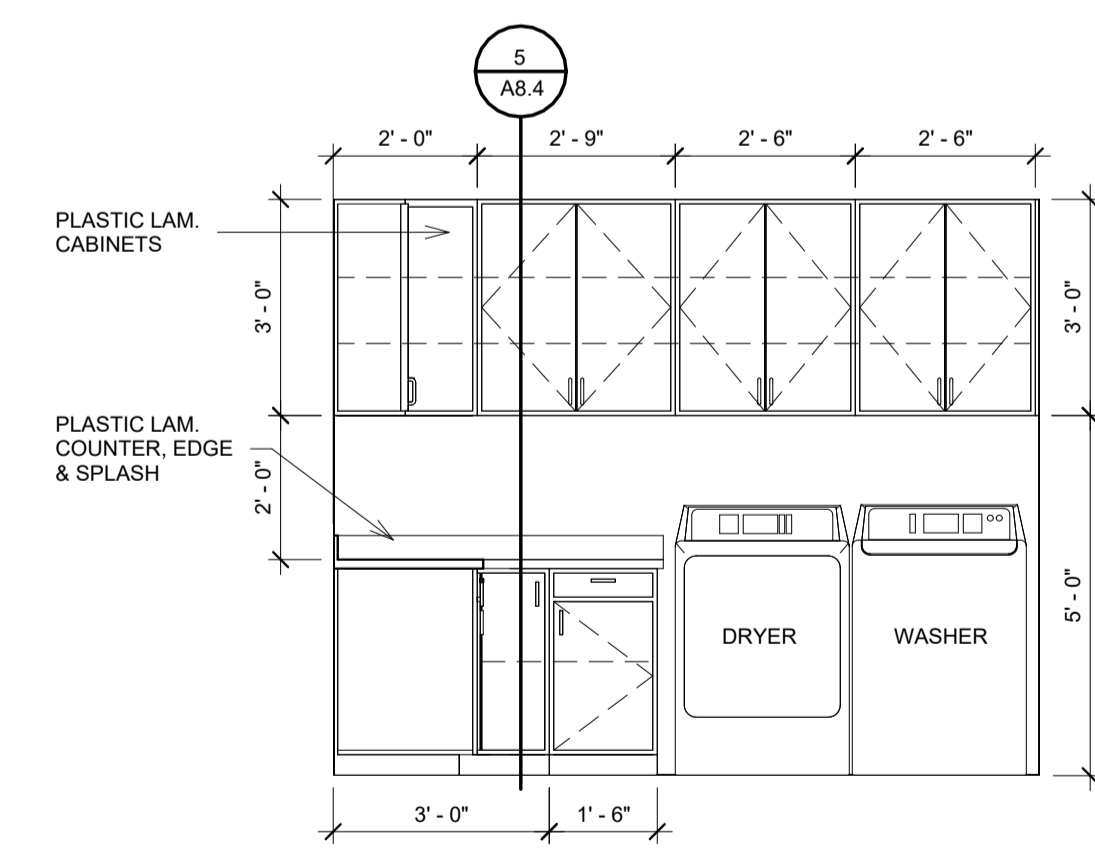
7. ISLAND-NORTH
SCALE: 3/8" = 1'-0"



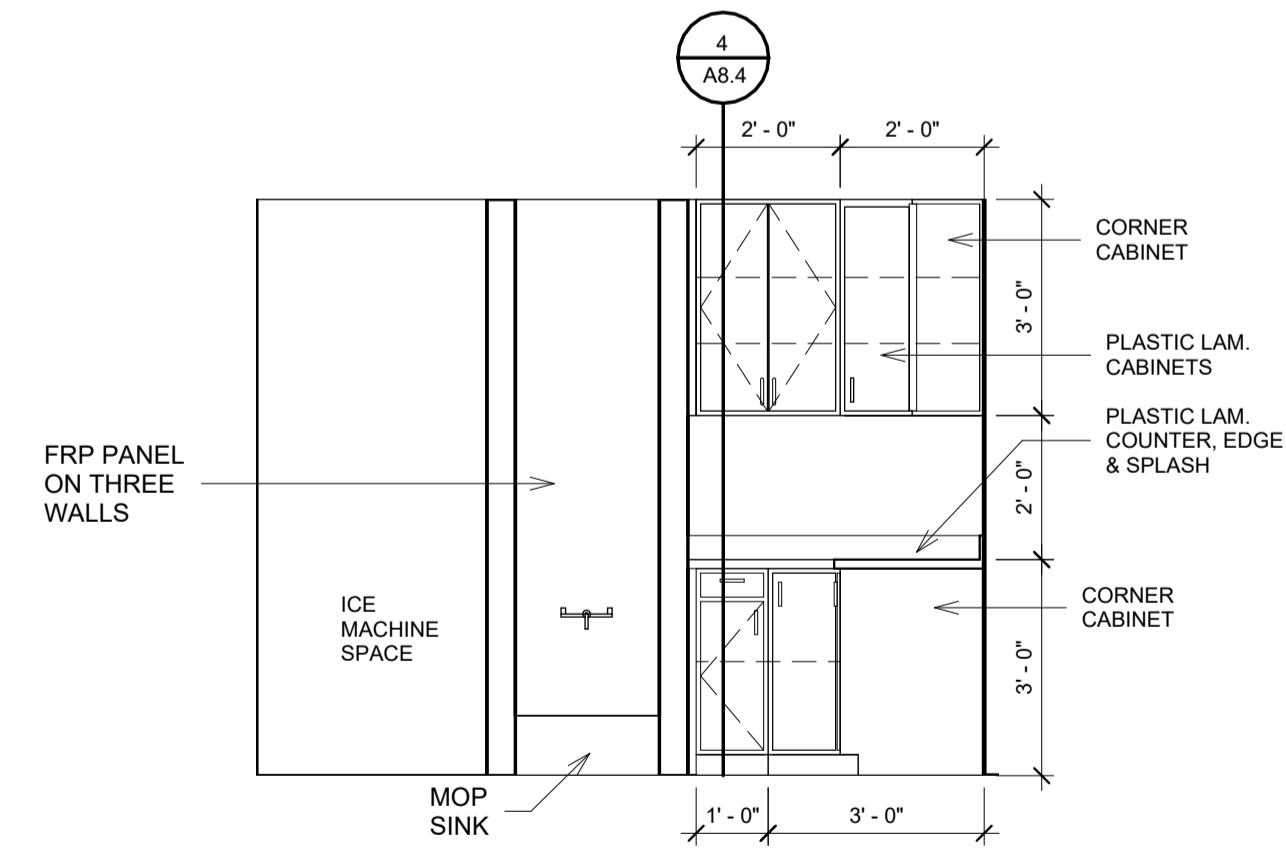
8. OFFICE-EAST
SCALE: 3/8" = 1'-0"



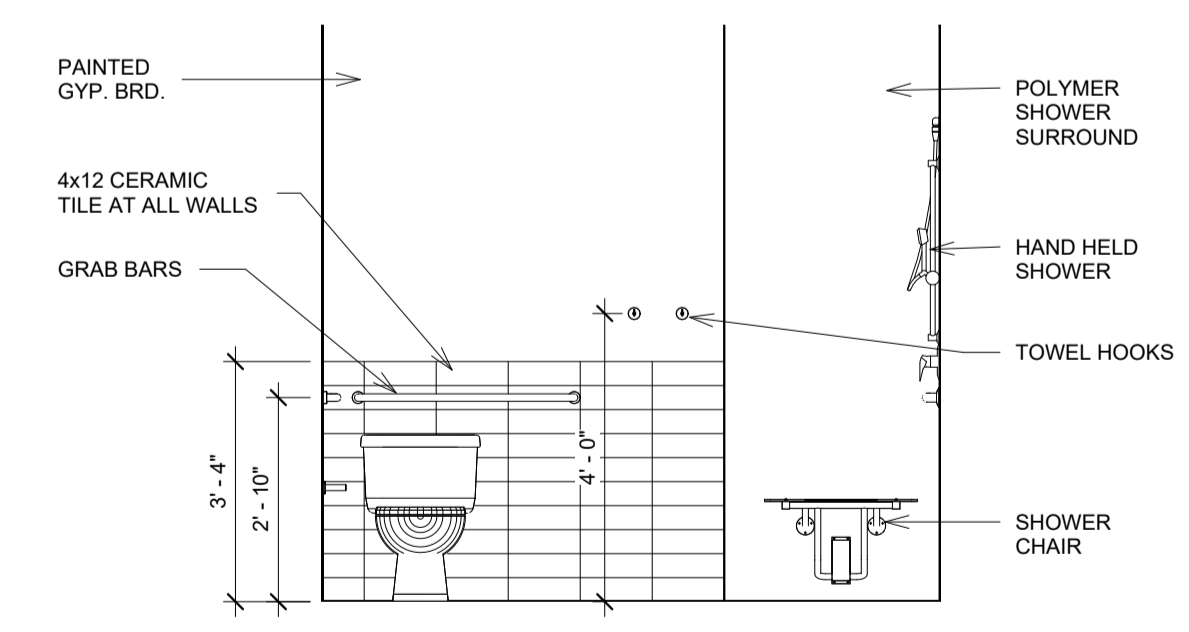
9. OFFICE-SOUTH
SCALE: 3/8" = 1'-0"



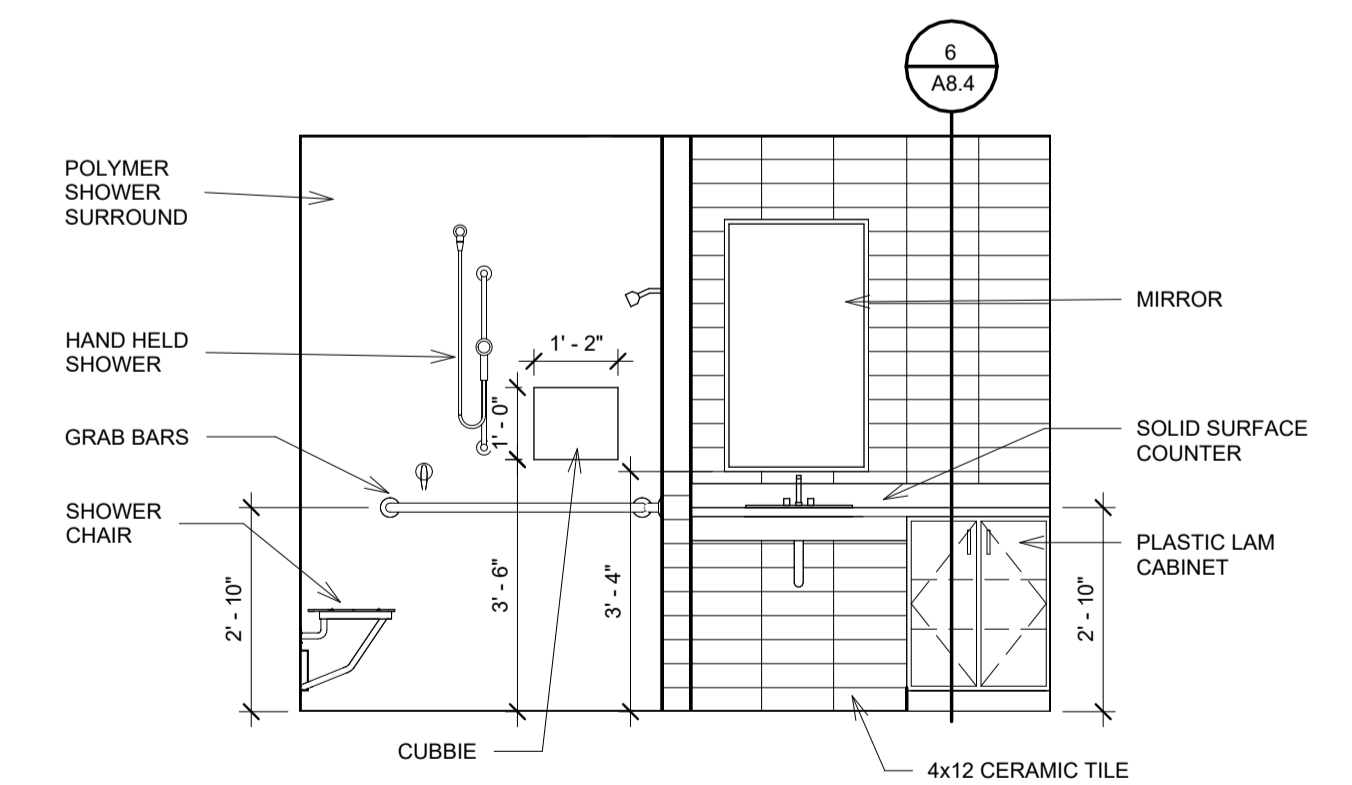
10. LAUNDRY-EAST
SCALE: 3/8" = 1'-0"



11. LAUNDRY-NORTH
SCALE: 3/8" = 1'-0"

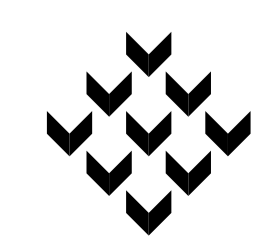


12. RESTROOM 115 - SOUTH
SCALE: 3/8" = 1'-0"

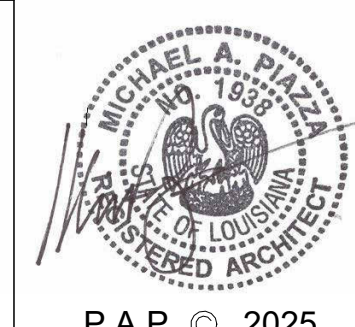


13. RESTROOM 115 - WEST
SCALE: 3/8" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

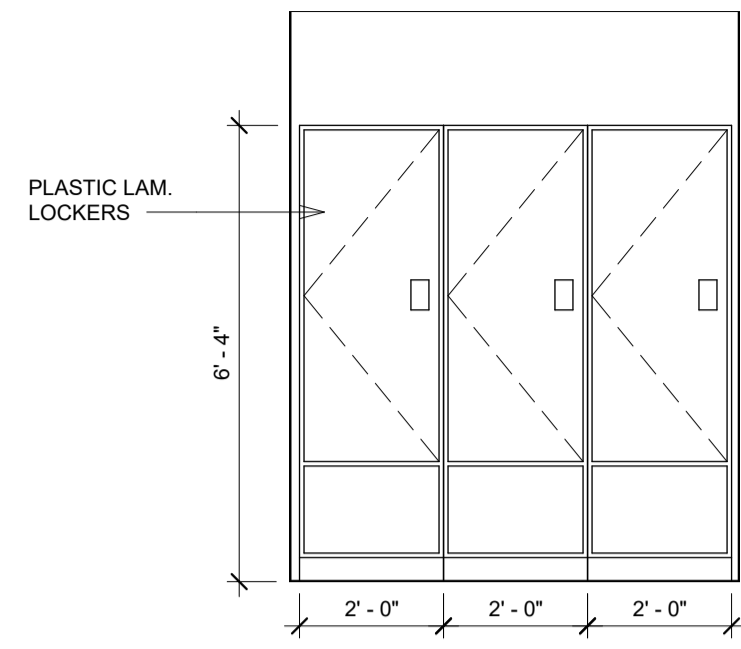


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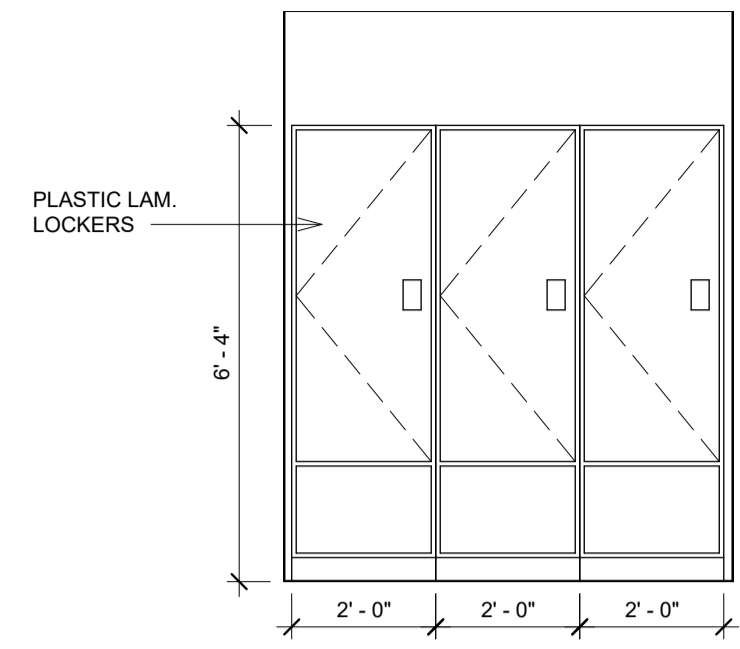
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

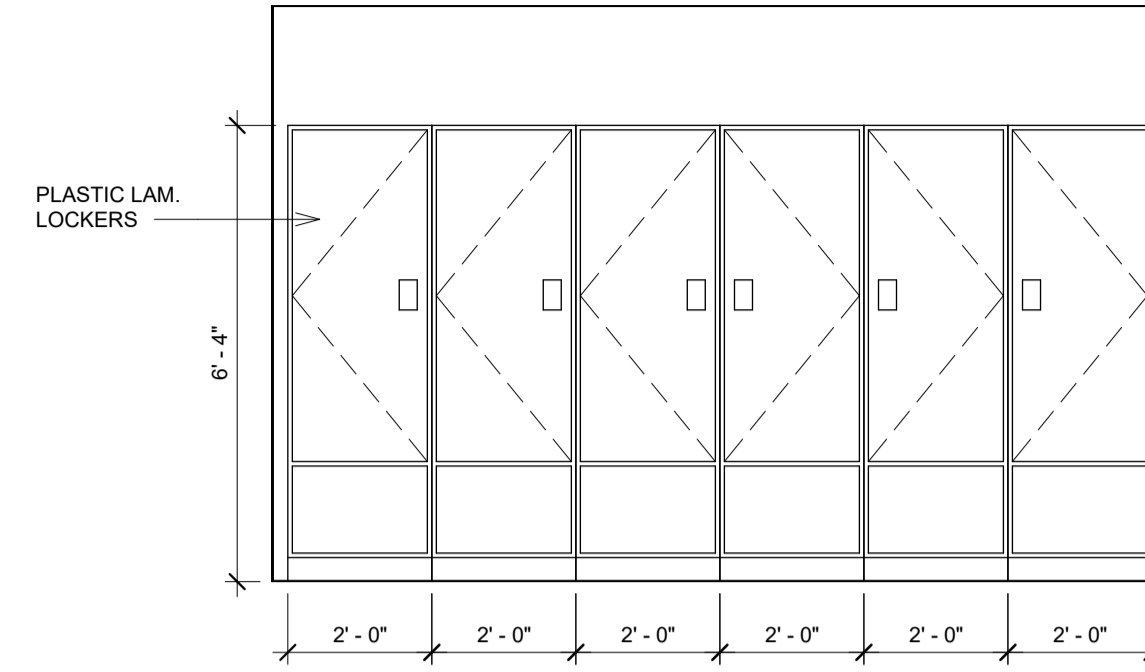
A8.1



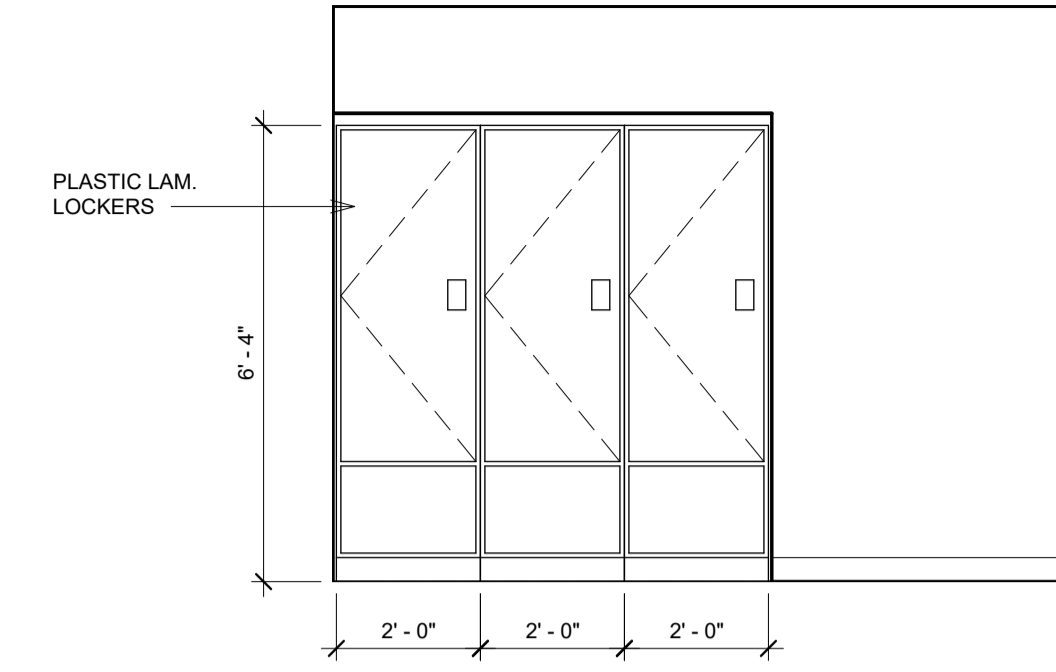
1. BUNK ROOM 118 - NORTH
SCALE: 3/8" = 1'-0"



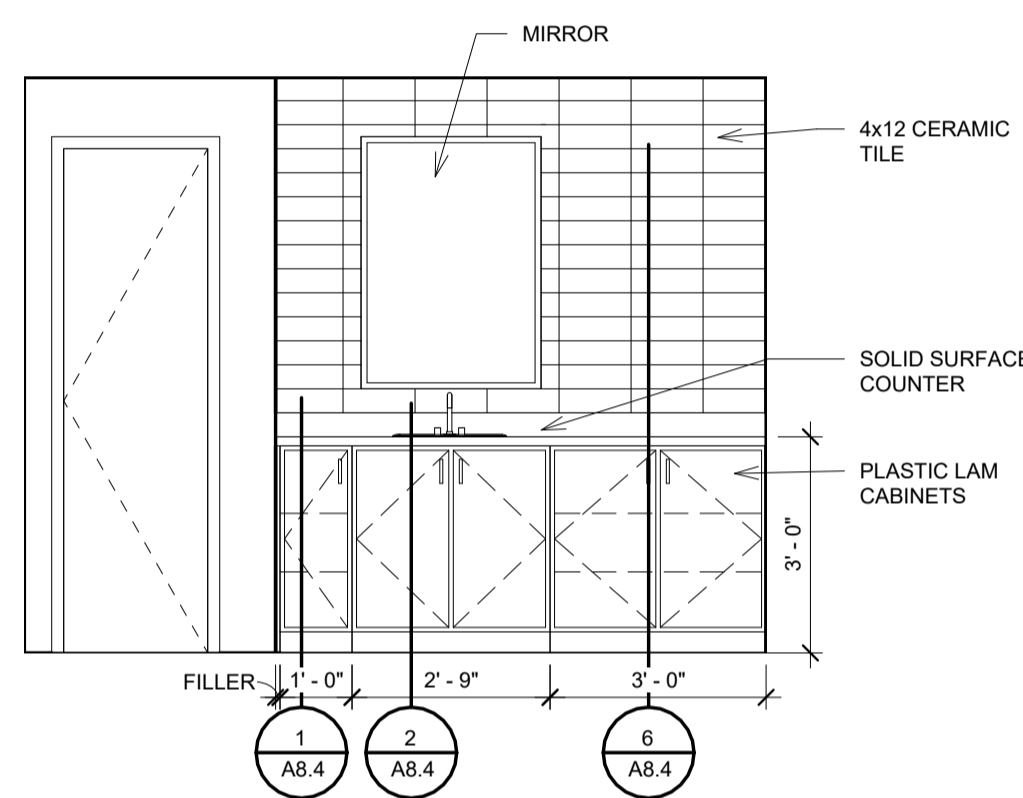
2. BUNK ROOM 118 - SOUTH
SCALE: 3/8" = 1'-0"



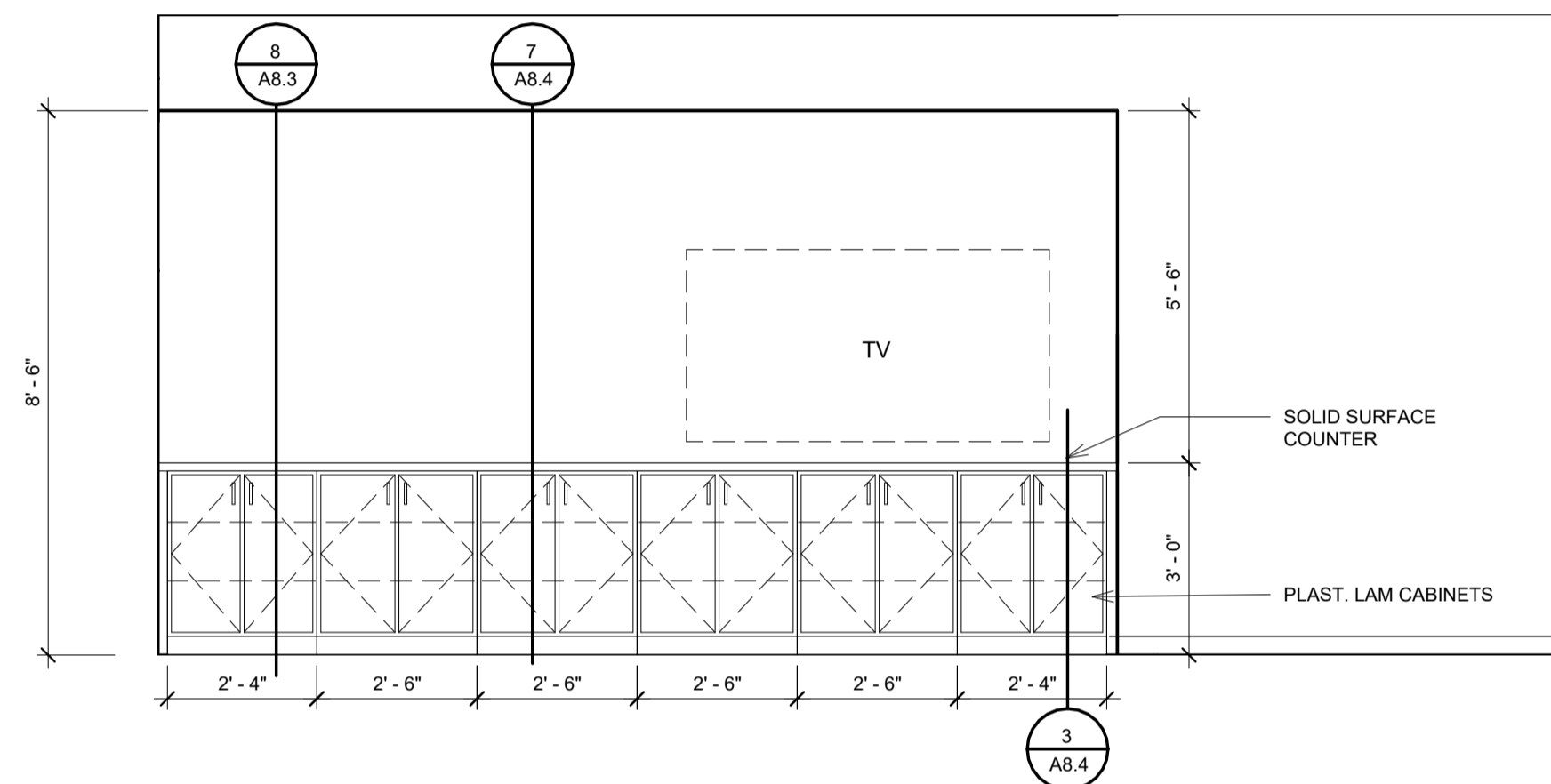
3. BUNK ROOM 119 - WEST
SCALE: 3/8" = 1'-0"



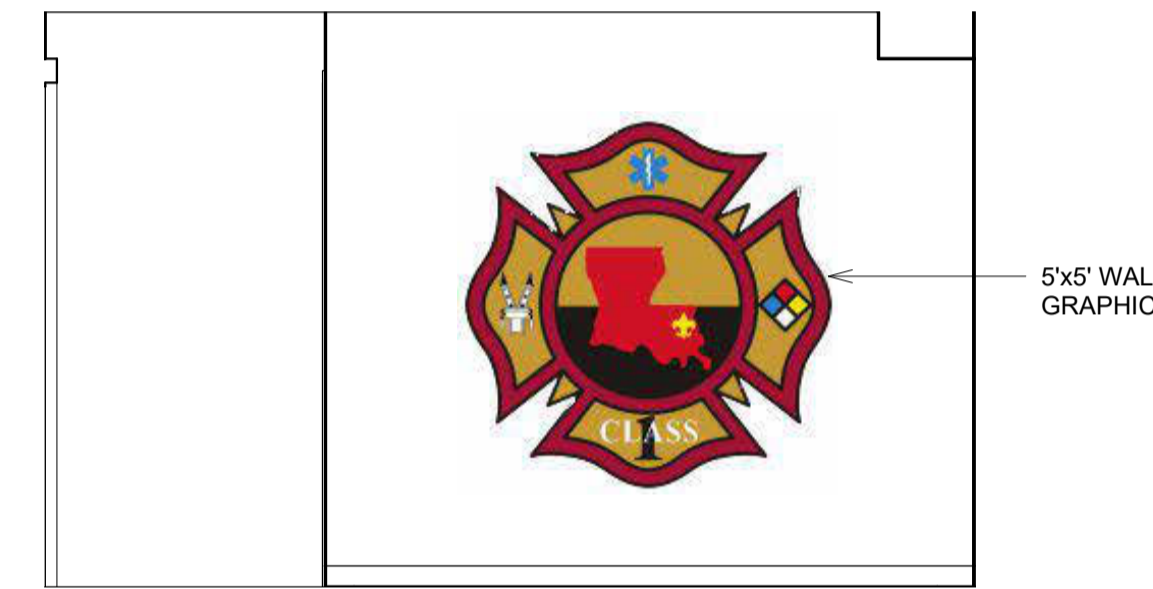
4. CAPTAIN'S BUNK
SCALE: 3/8" = 1'-0"



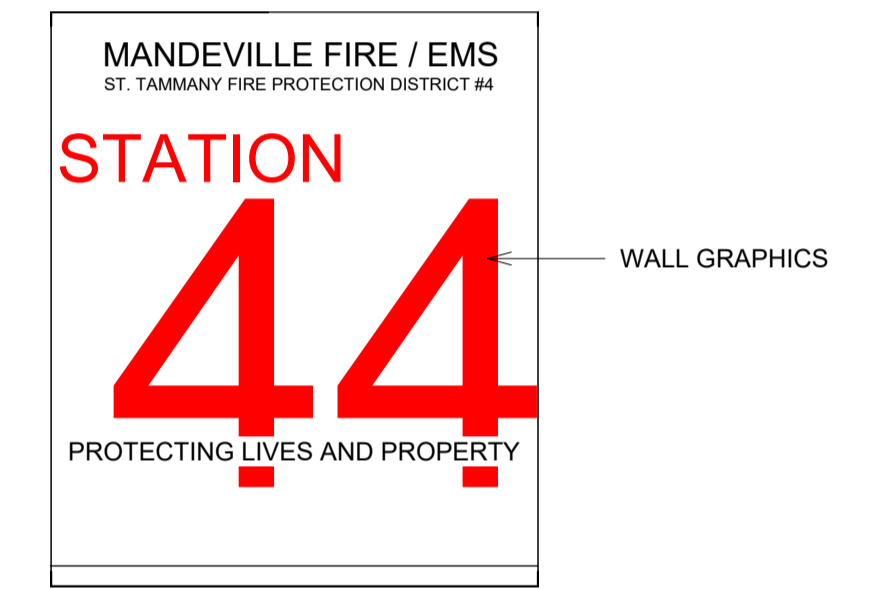
5. RESTROOM 111
SCALE: 3/8" = 1'-0"



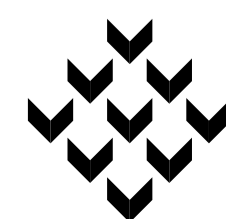
6. DAY ROOM
SCALE: 3/8" = 1'-0"

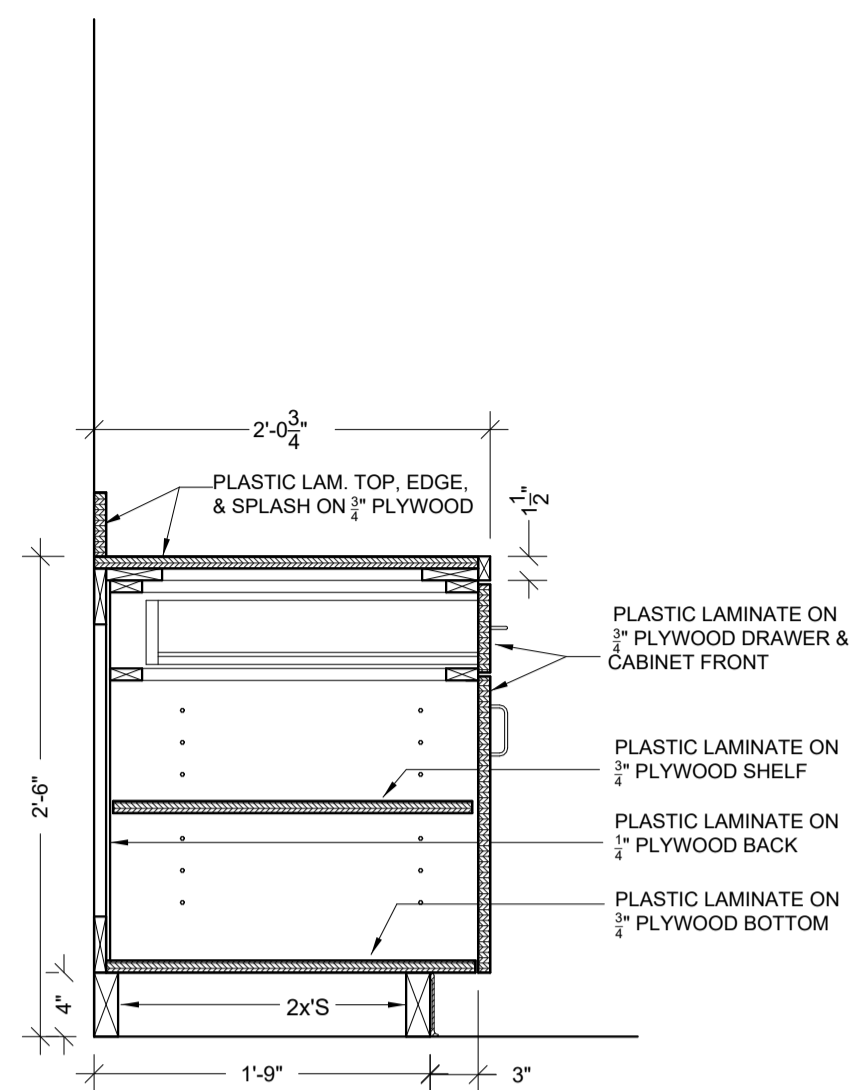


7. CORRIDOR
SCALE: 3/8" = 1'-0"

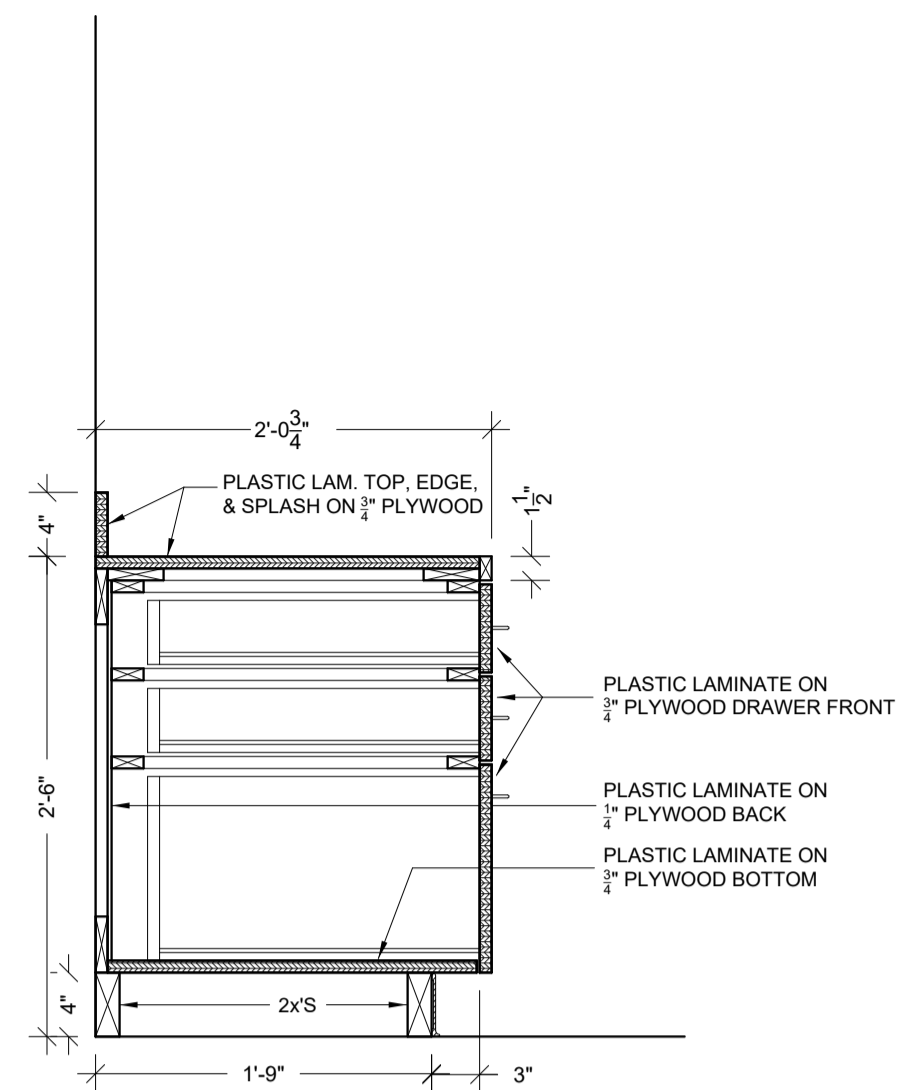


8. VESTIBULE
SCALE: 3/8" = 1'-0"

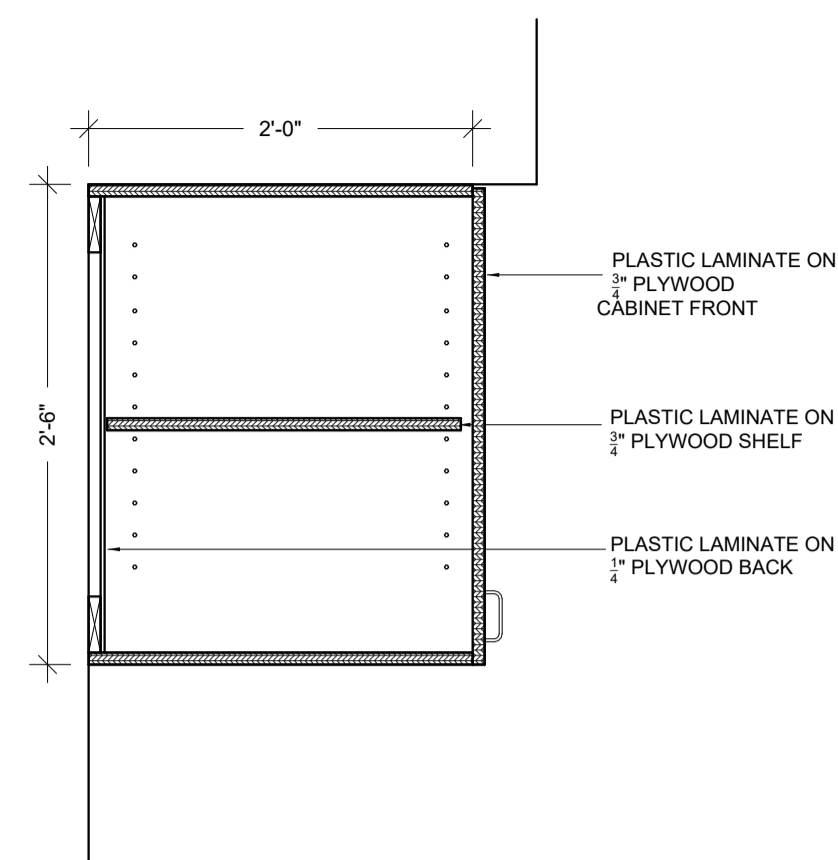




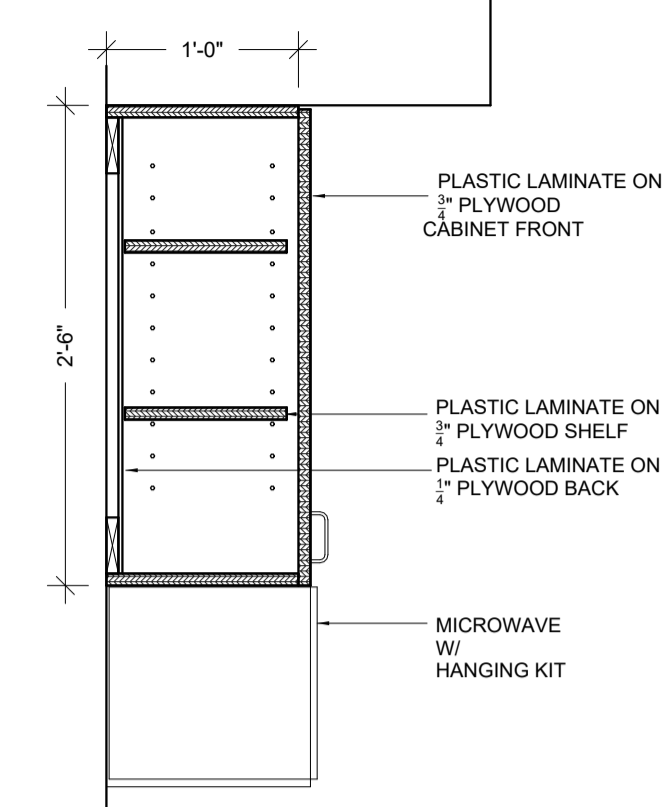
1. CABINET SECTION
SCALE: 1" = 1'-0"



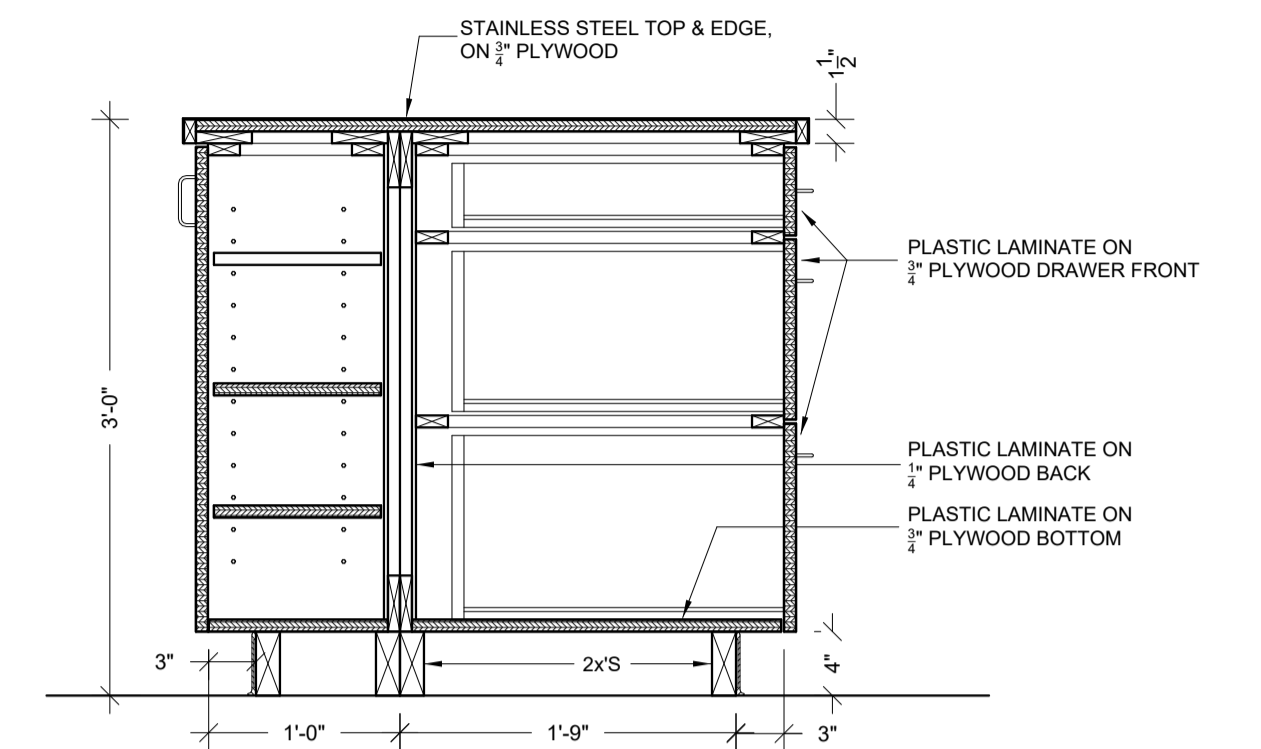
2. CABINET SECTION
SCALE: 1" = 1'-0"



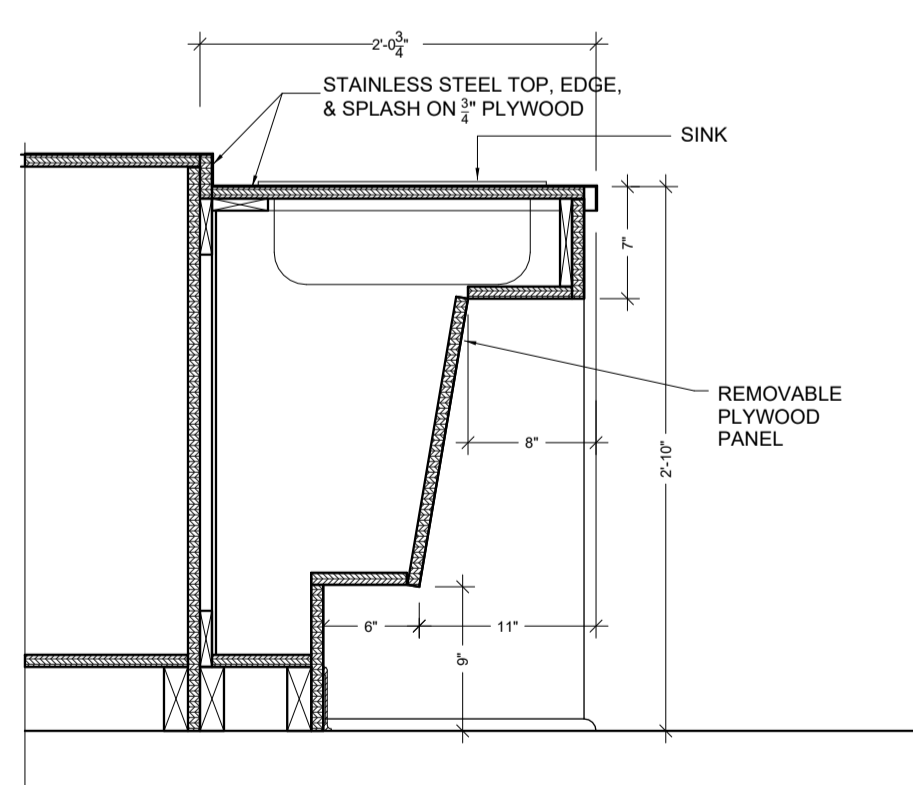
3. CABINET SECTION
SCALE: 1" = 1'-0"



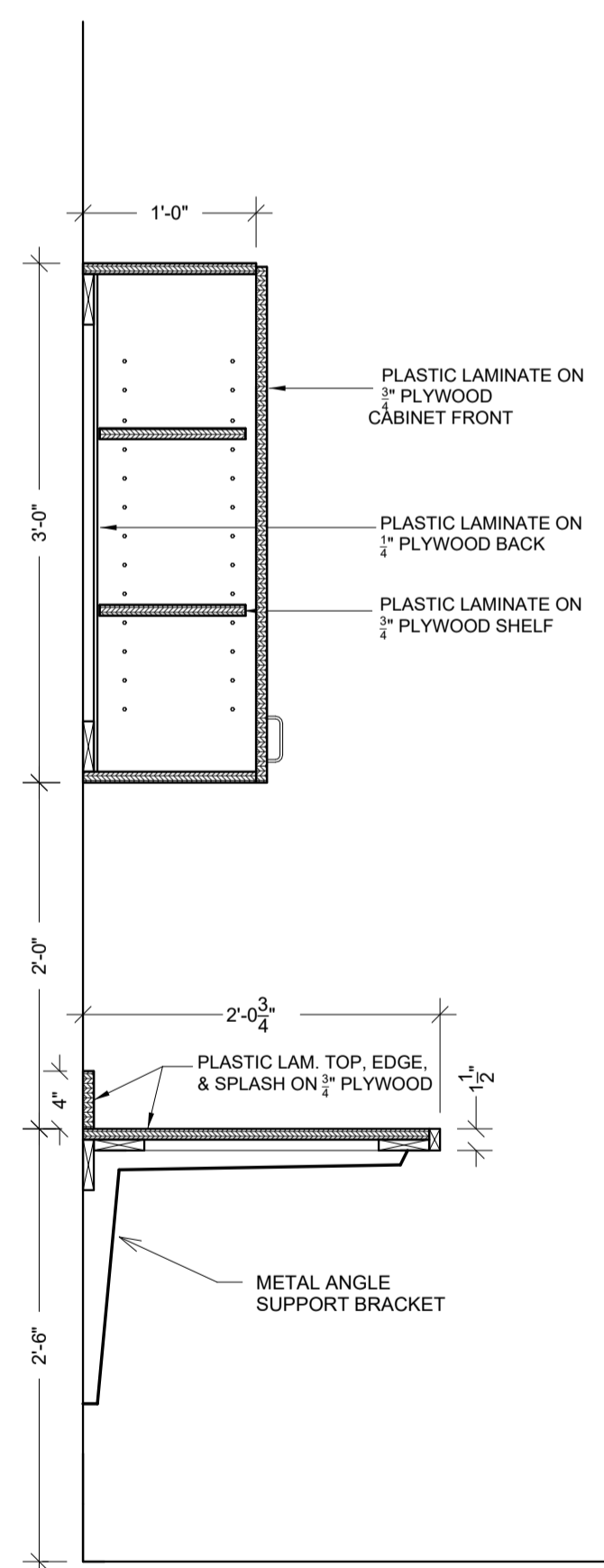
4. CABINET SECTION
SCALE: 1" = 1'-0"



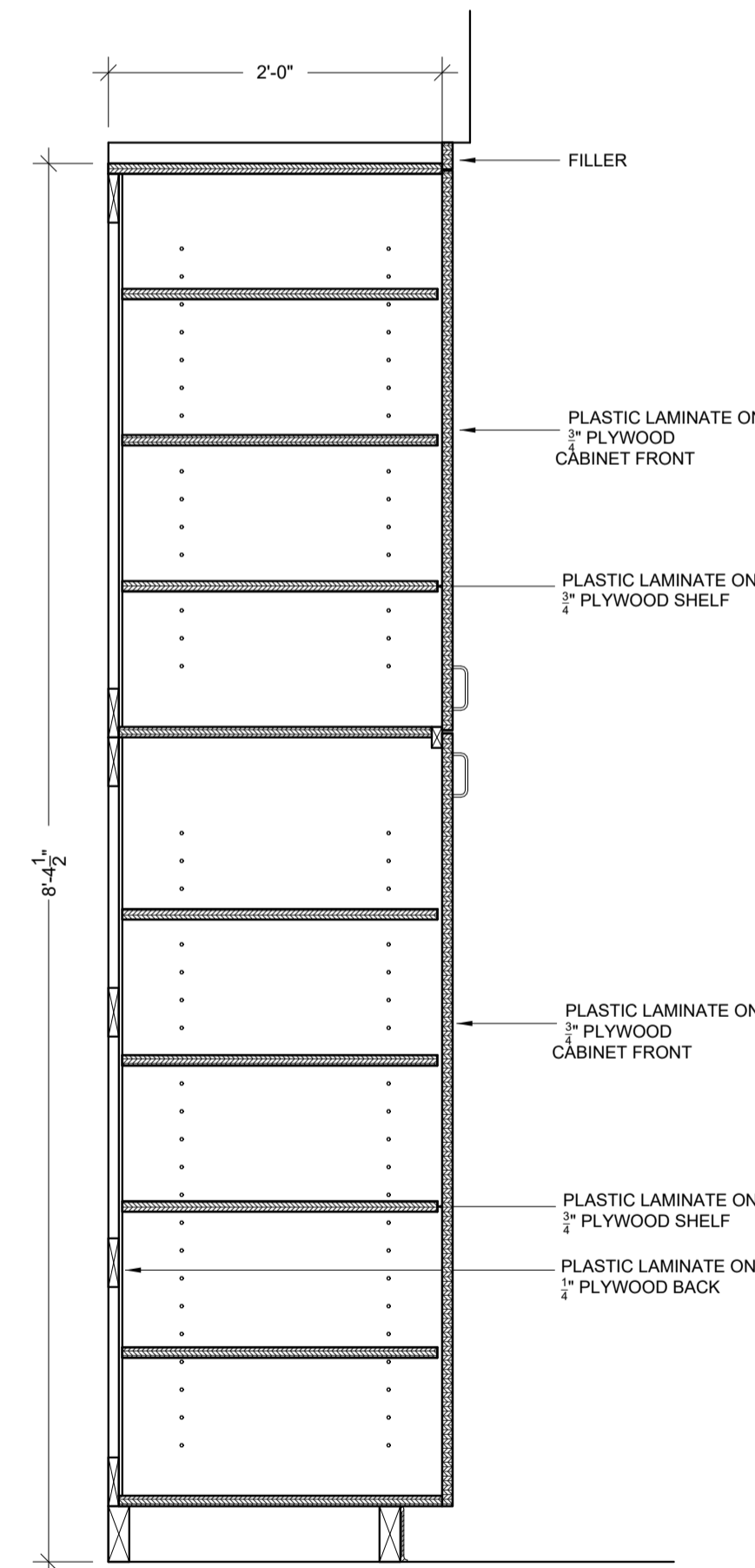
5. CABINET SECTION
SCALE: 1" = 1'-0"



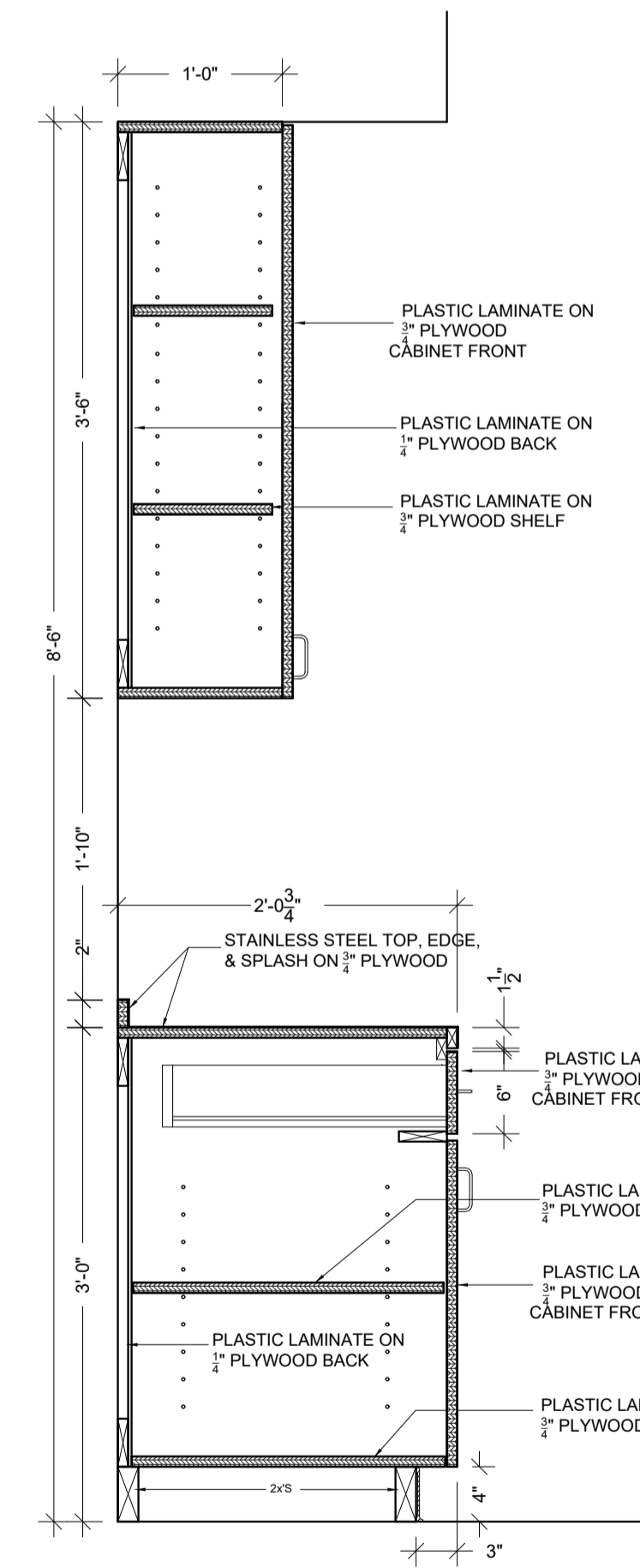
6. CABINET SECTION
SCALE: 1" = 1'-0"



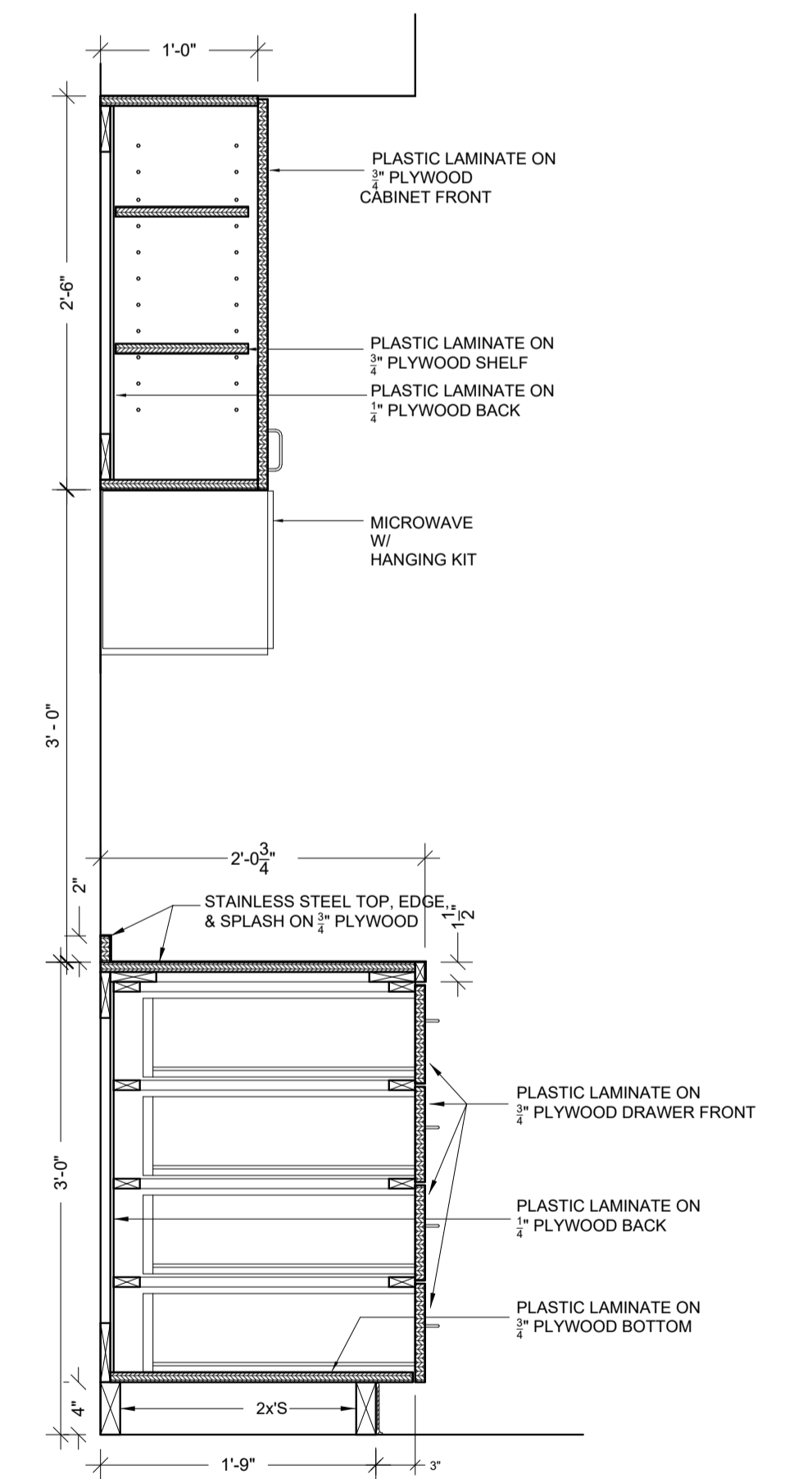
7. CABINET SECTION
SCALE: 1" = 1'-0"



8. CABINET SECTION
SCALE: 1" = 1'-0"

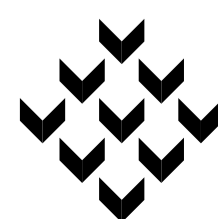


9. CABINET SECTION
SCALE: 1" = 1'-0"



10. CABINET SECTION
SCALE: 1" = 1'-0"

project	1225
date	01.19.26
revisions	



Piazza Architecture Planning APAC
Mandeville Louisiana

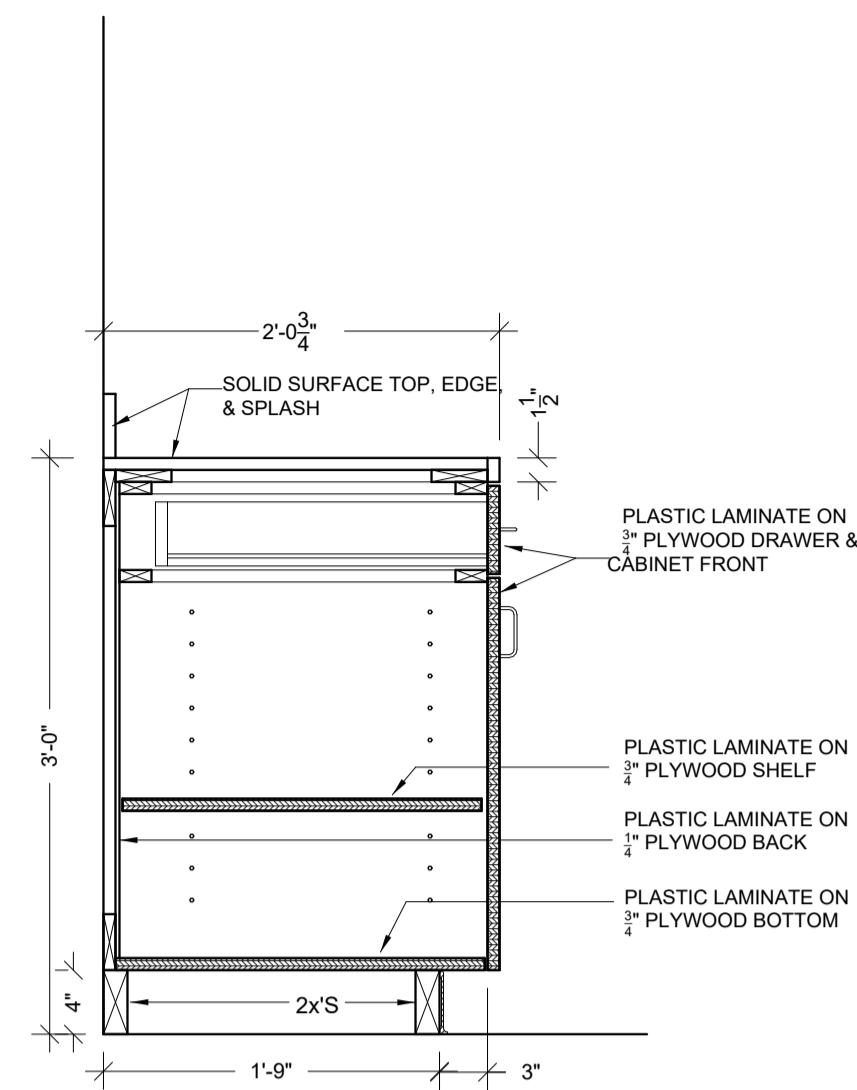


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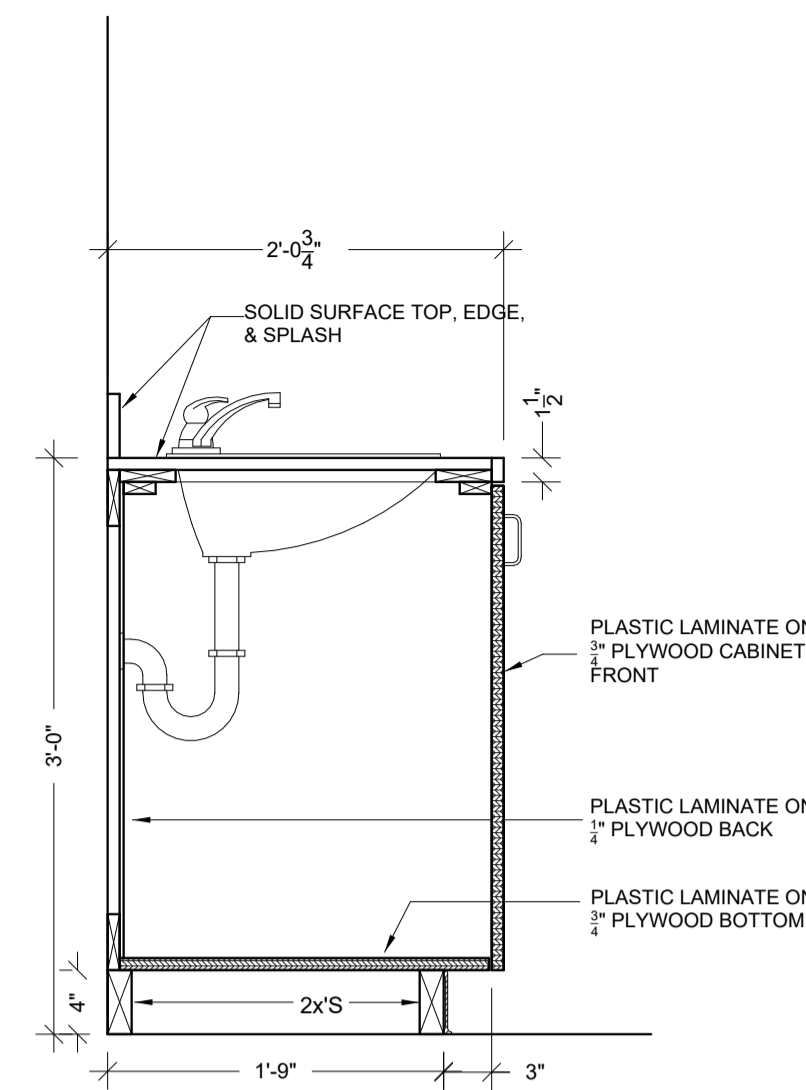
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

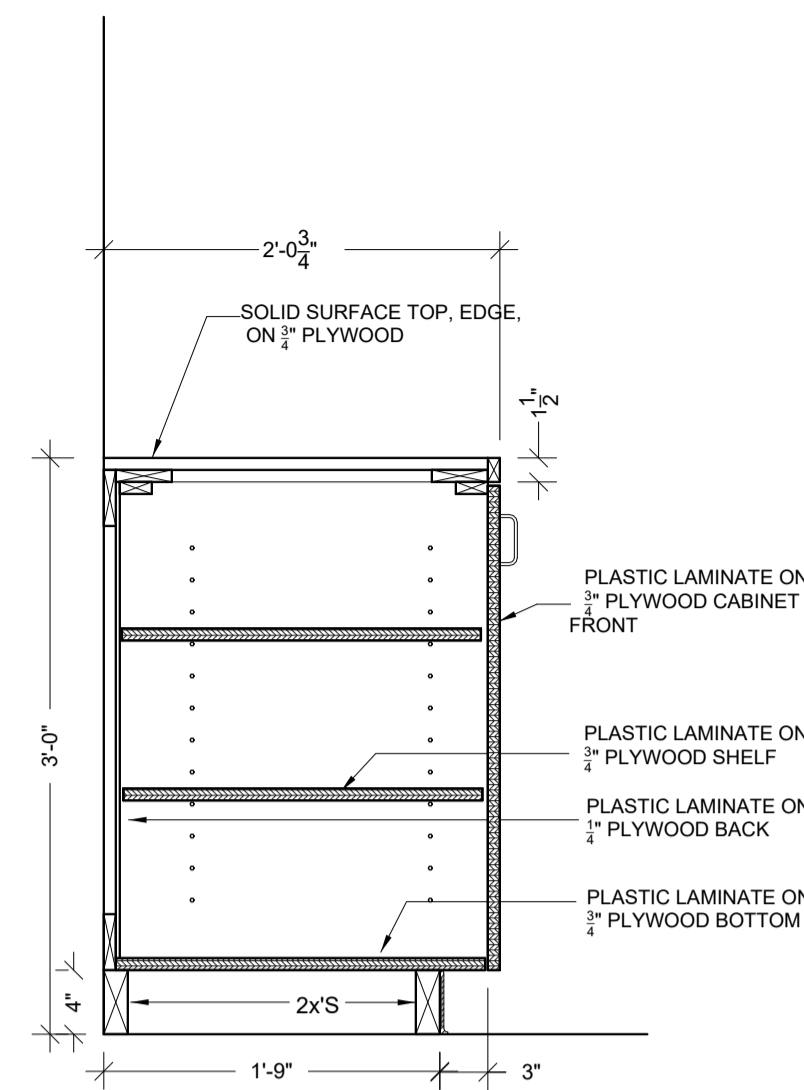
A8.3



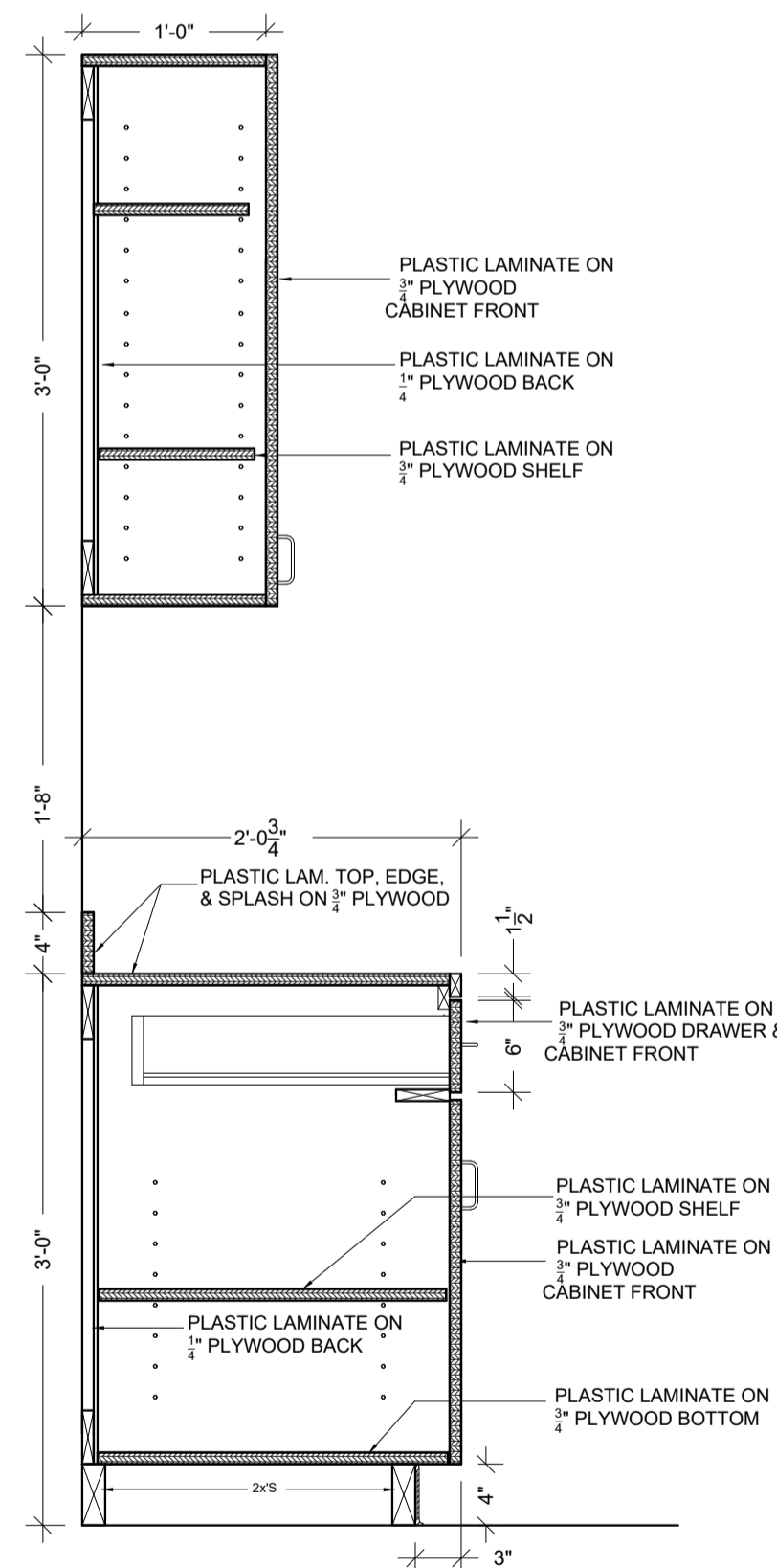
1. CABINET SECTION
SCALE: 1" = 1'-0"



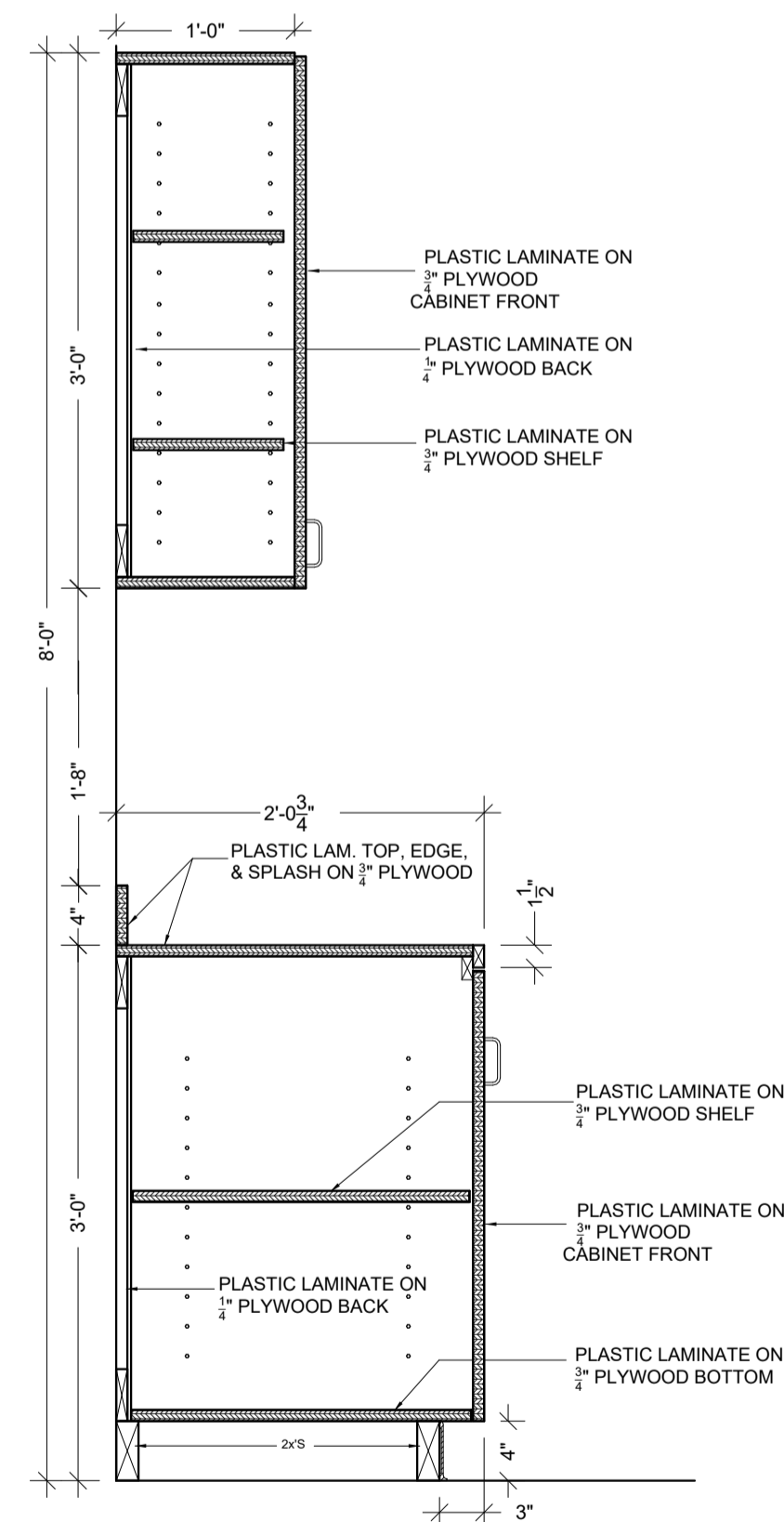
2. CABINET SECTION
SCALE: 1" = 1'-0"



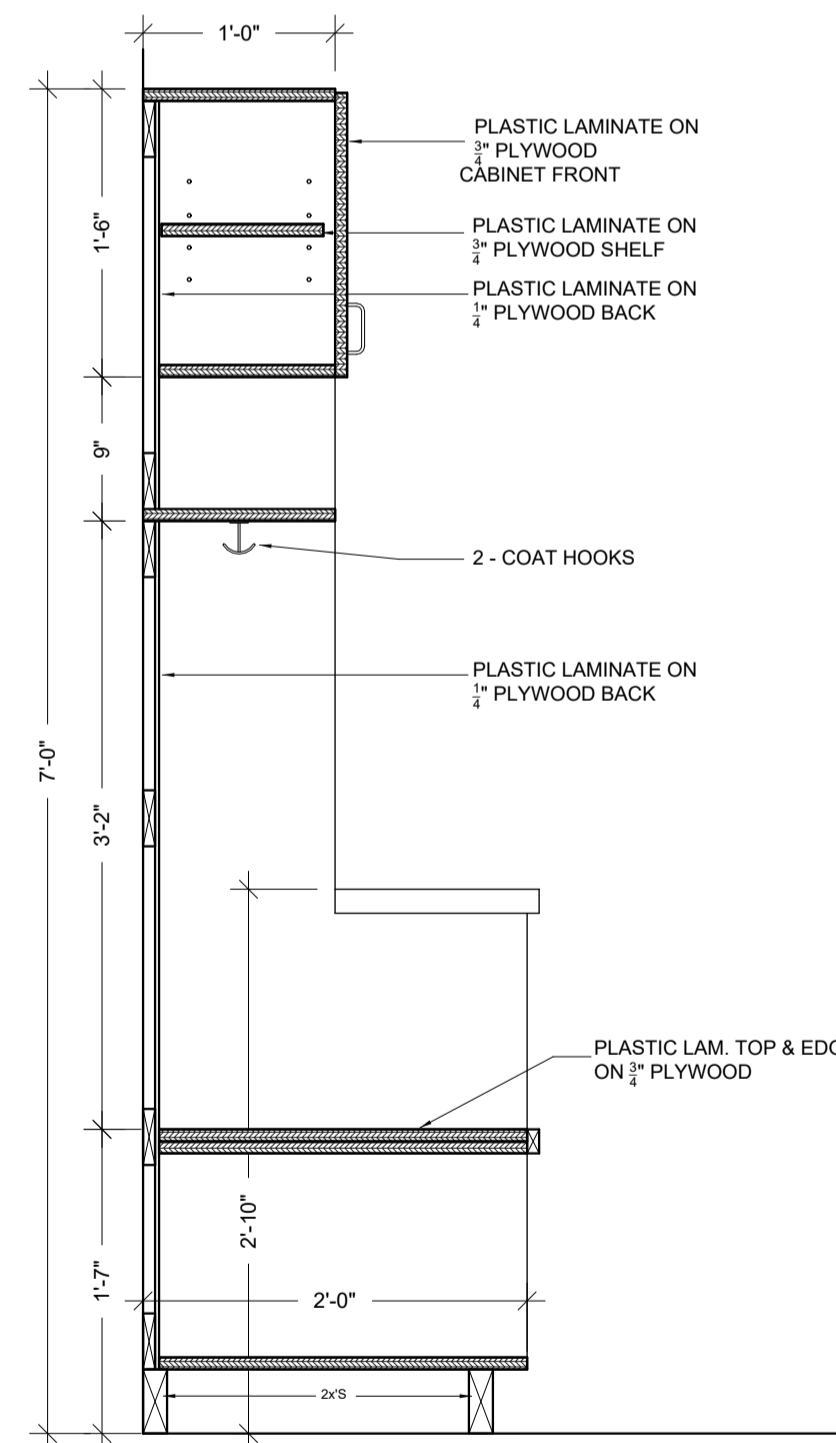
3. CABINET SECTION
SCALE: 1" = 1'-0"



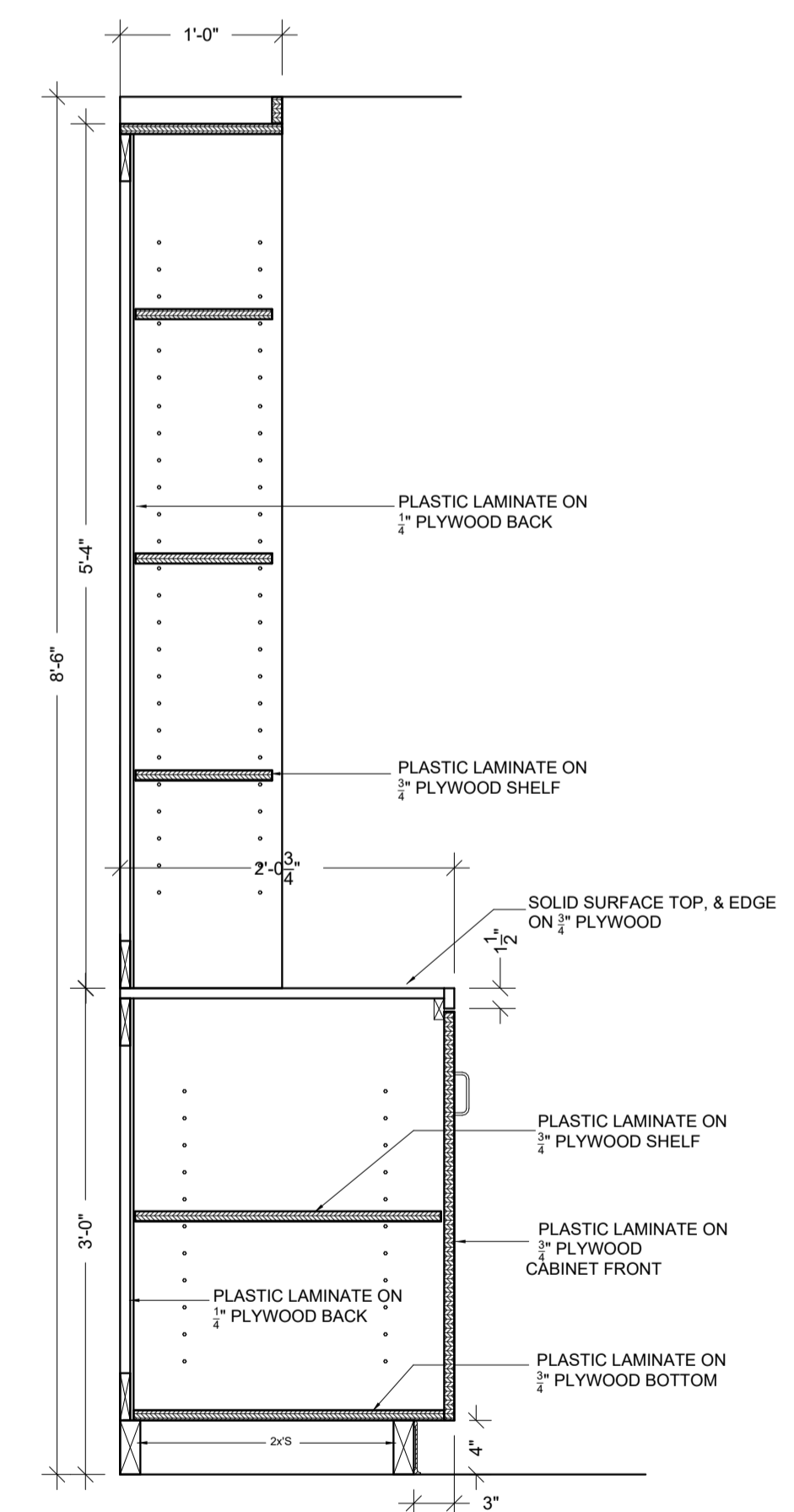
4. CABINET SECTION
SCALE: 1" = 1'-0"



5. CABINET SECTION
SCALE: 1" = 1'-0"

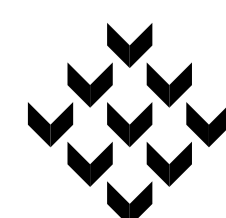


6. CABINET SECTION
SCALE: 1" = 1'-0"



7. CABINET SECTION
SCALE: 1" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

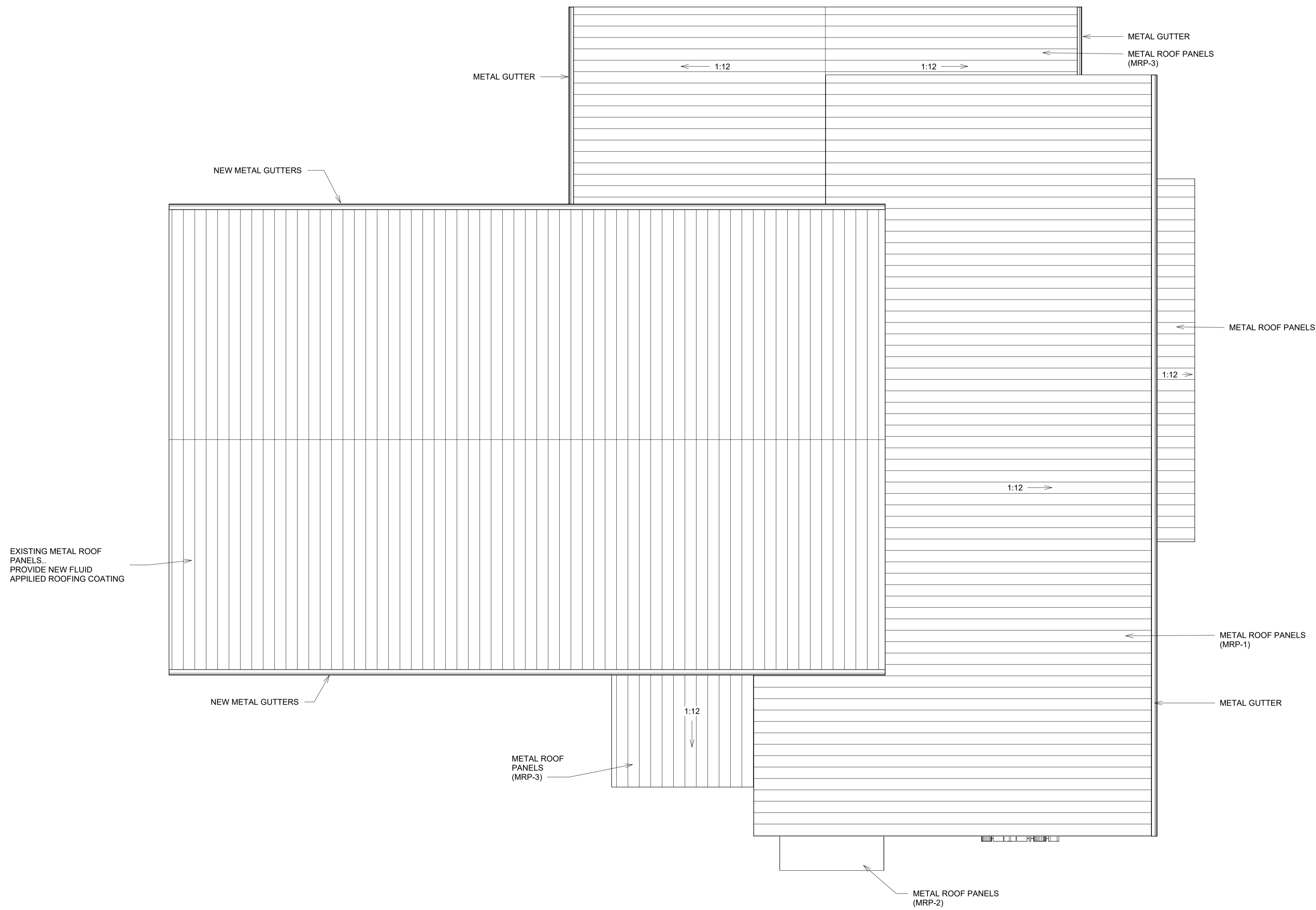


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FIRE STATION 44
ADDITONS AND RENOVATIONS

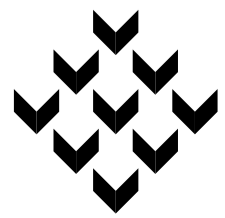
sheet

A8.4



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

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana



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FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

A9.1



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4



PHOTO 5

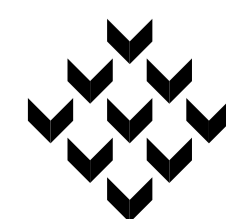


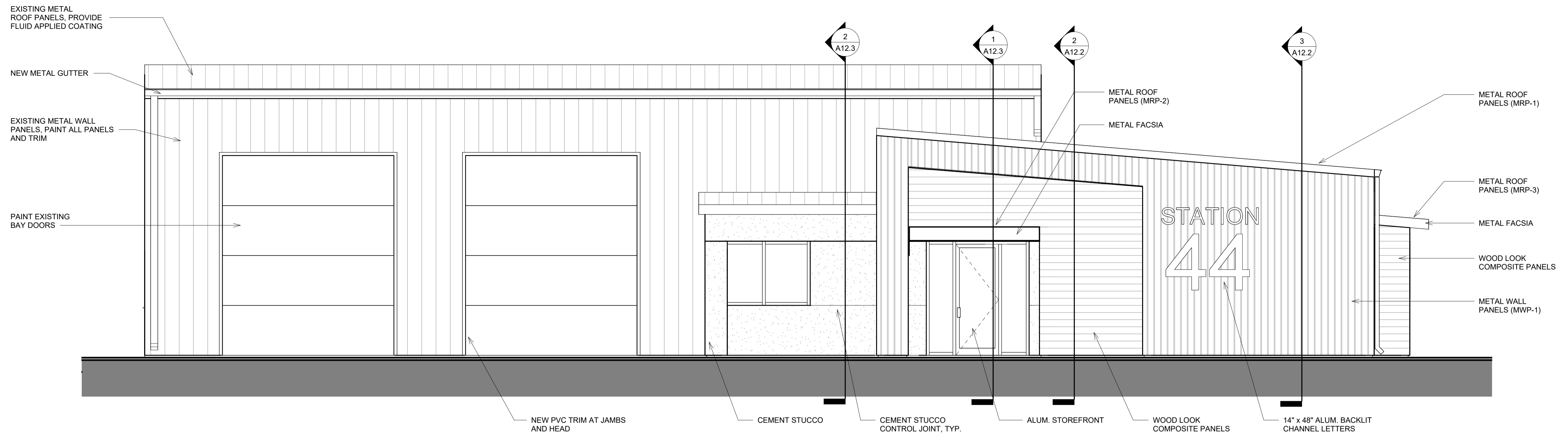
PHOTO 6



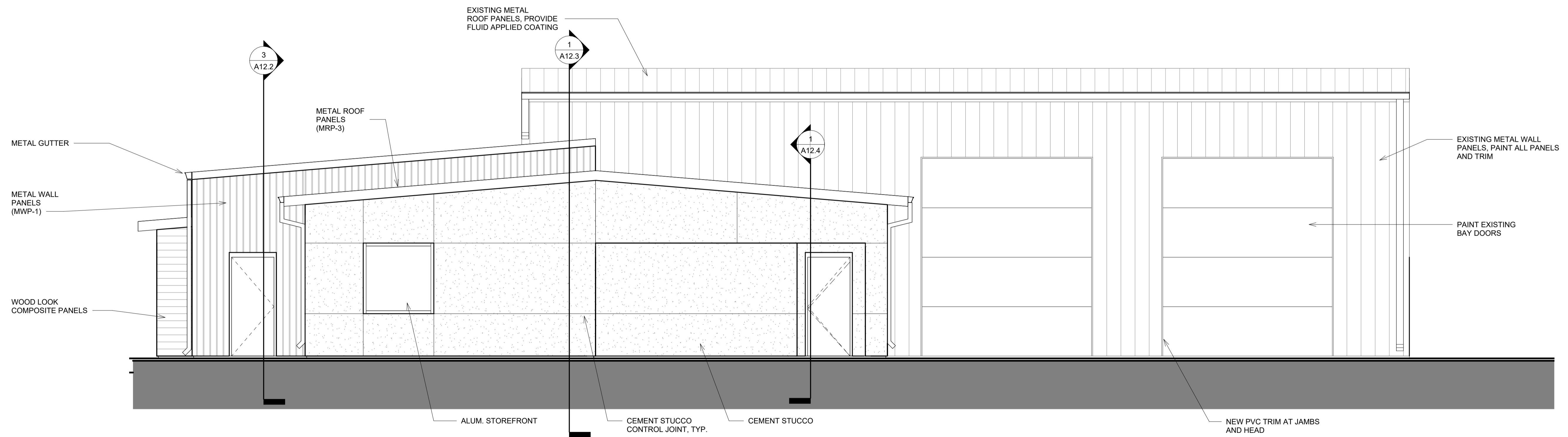
PHOTO 7

DEMOLITION KEYNOTES	
Key Value	Keynote Text
D1	REMOVE FLOORING
D2	REMOVE WALL BASE
D3	REMOVE WALL COMPLETELY, EXISTING STEEL STRUCTURE TO REMAIN
D4	REMOVE WINDOW
D5	REMOVE DOOR
D6	REMOVE GYPSUM BOARD AT CEILING, REMOVE INSULATION
D7	REMOVE WALL
D8	REMOVE CABINETS
D9	REMOVE SHEETROCK FROM WALL, PORTIONS OF EXISTING STUDS TO REMAIN AS REQUIRED
D10	REMOVE TOILET, PROVIDE NEW TOILET
D11	REMOVE LAVATORY, PROVIDE NEW LAVATORY
D12	REMOVE PLUMBING TO EXISTING WASHER. PATCH HOLES IN WALL.
D13	REMOVE URINAL, PROVIDE NEW URINAL
D14	REMOVE CERAMIC TILE FROM WALLS. REMOVE ALL GYPSUM BOARD.
D15	REMOVE TOILET PARTITION
D16	REMOVE BRICK AT COLUMNS
D17	REMOVE OVERHEAD DOOR WOOD JAMB AND HEAD
D18	REMOVE GUTTERS
D19	REMOVE DOWNSPOUTS
D20	REMOVE ROOFING
D21	REMOVE PLAQUE, REINSTALL AT INTERIOR. VERIFY LOCATION WITH OWNER.
D22	REMOVE METAL DOOR CANOPY
D23	REMOVE WATER LINES AND TANK - REFERENCE PLUMBING DRAWINGS
D24	REMOVE WALL LIGHT
D25	REMOVE ALL MECHANICAL GRILLES - REFERENCE MECHANICAL DRAWINGS
D26	HVAC TO BE RELOCATED FOR PORTION OF CONSTRUCTION - REFERENCE MECHANICAL DRAWINGS
D27	REMOVE DOOR AND FRAME
D28	REMOVE EXISTING STUCCO
D29	REMOVE DOOR, WIDEN EXISTING OPENING FOR NEW DOOR AS SCHEDULED.
D30	REMOVE SHOWER DOOR, PROVIDE NEW GLASS SHOWER DOOR.
D31	REMOVE GYPSUM BOARD FROM EXISTING WALLS. PROVIDE NEW GYPSUM BOARD AS PER PARTITION DETAILS.



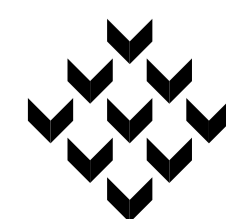


1. SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



2. NORTH ELEVATION
SCALE: 1/4" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

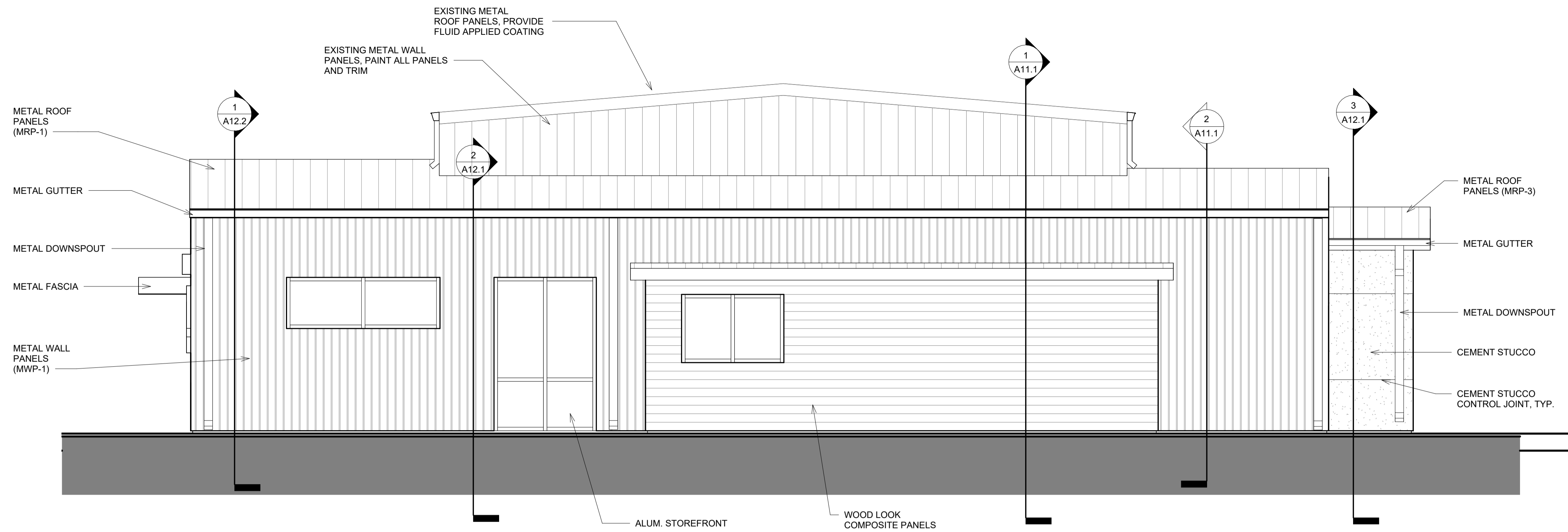


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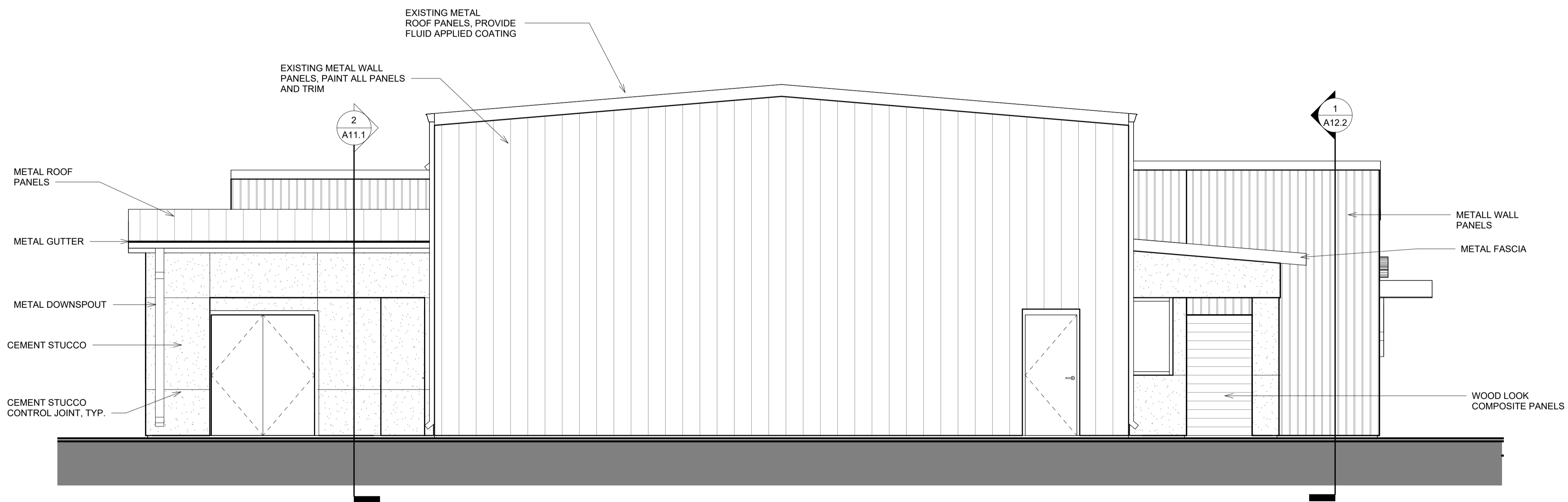
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

A10.2



1. EAST ELEVATION
SCALE: 1/4" = 1'-0"

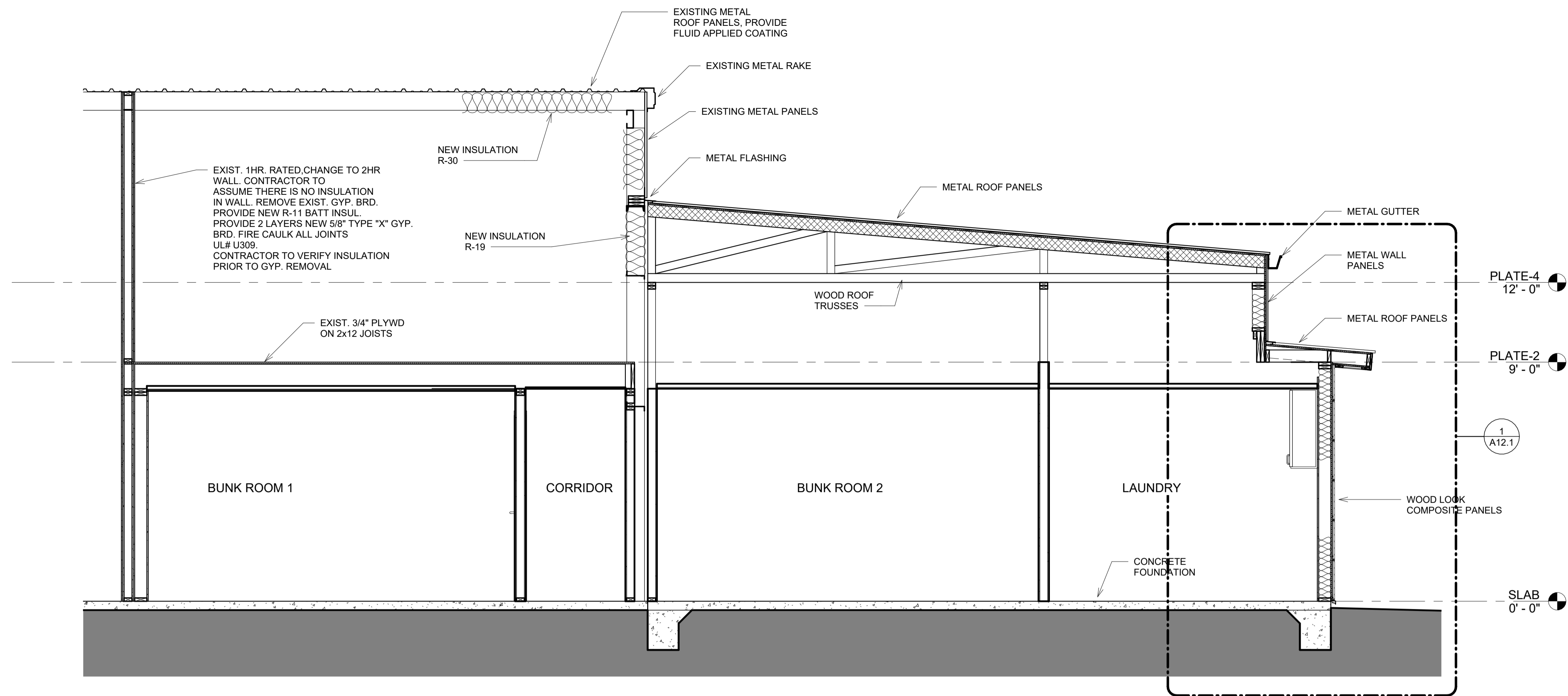


2. WEST ELEVATION
SCALE: 1/4" = 1'-0"

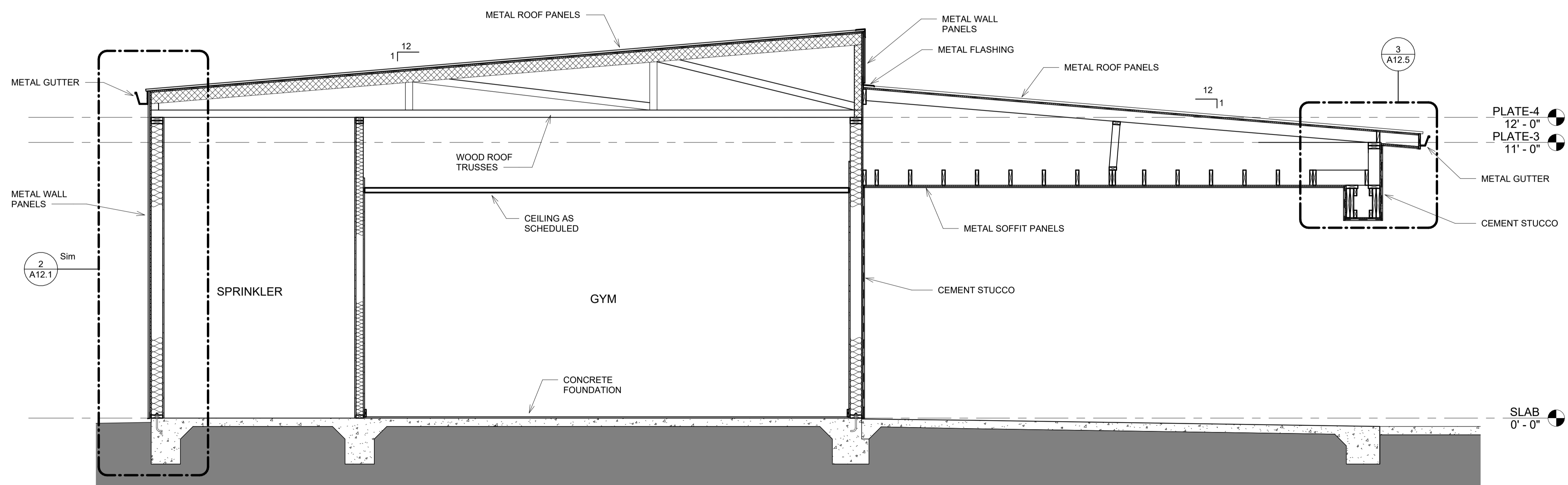
project	1225
date	01.19.26
revisions	



FIRE STATION 44
ADDITONS AND RENOVATIONS

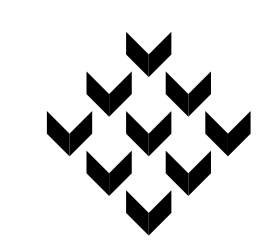


1. BUILDING SECTION THRU BUNK AREA
SCALE: 3/8" = 1'-0"



2. BUILDING SECTION THRU GYM
SCALE: 3/8" = 1'-0"

project 1225
date 01.19.26
revisions

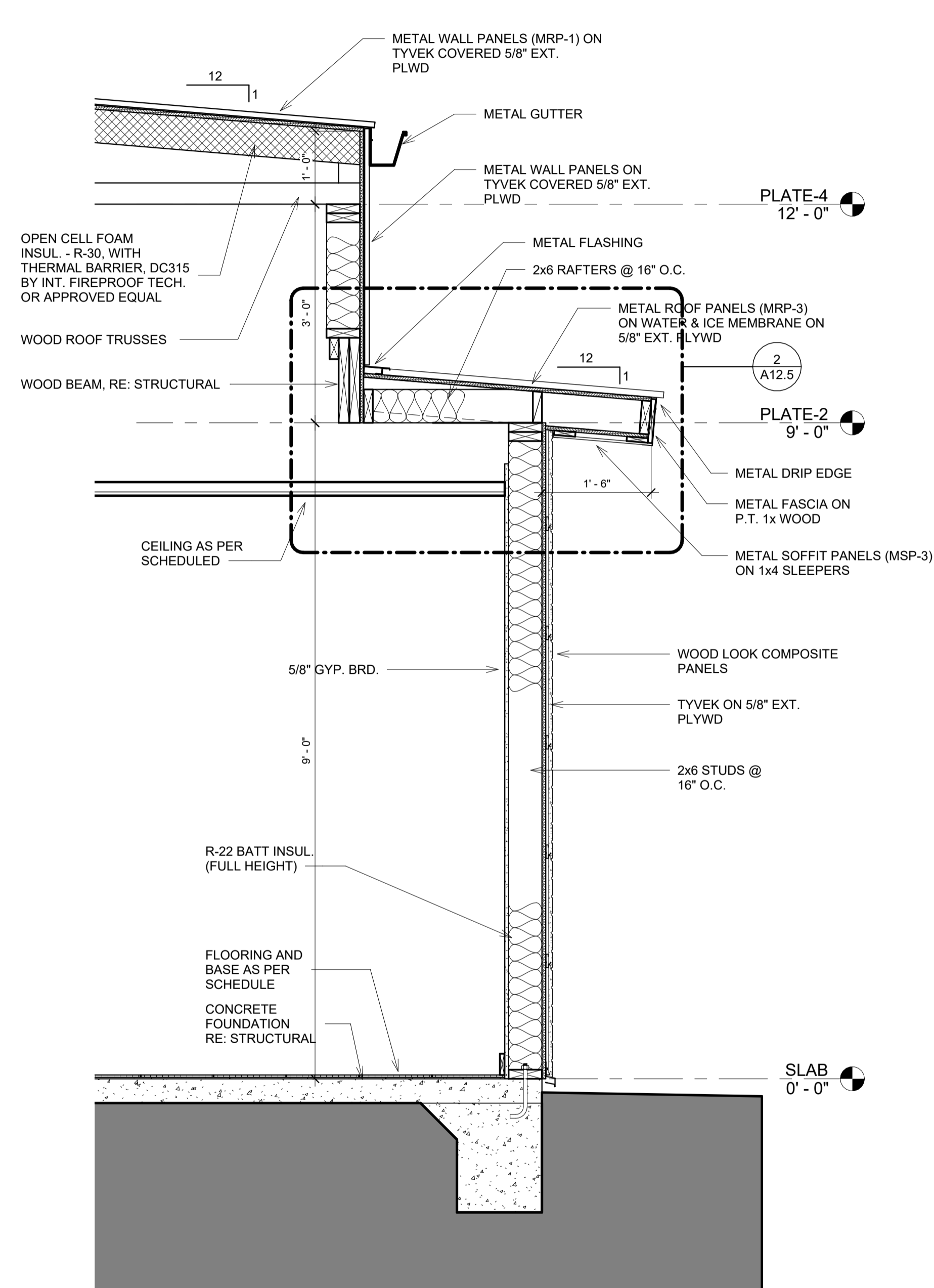


Piazza Architecture Planning APAC
Mandeville Louisiana

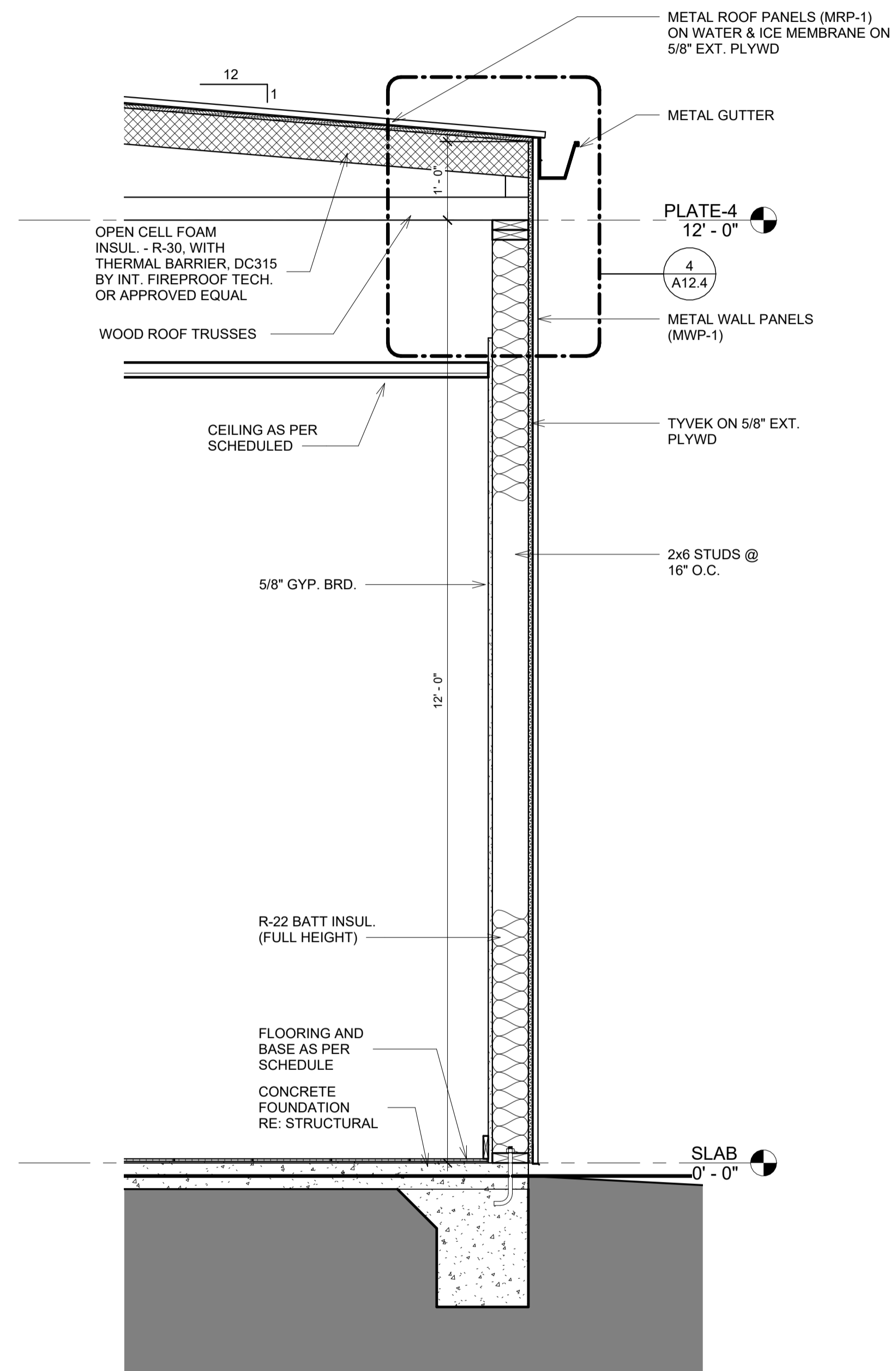


FIRE STATION 44
ADDITONS AND RENOVATIONS

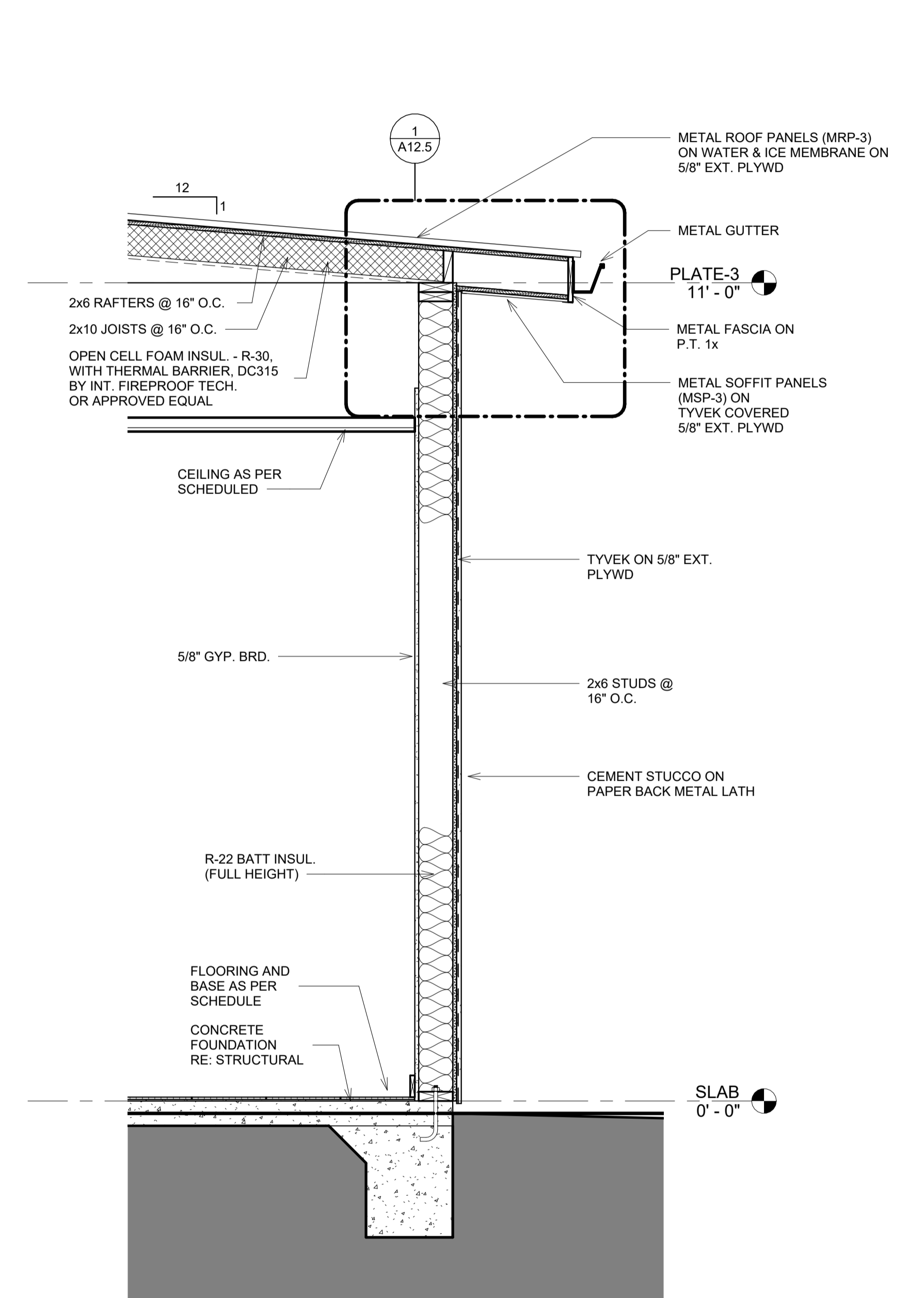
sheet
A11.1



1. SECTION THRU WEST SIDE
SCALE: 3/4" = 1'-0"

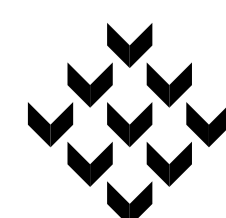


2. SECTION THRU METAL PANEL WALL
SCALE: 3/4" = 1'-0"



3. SECTION THRU STUCCO WALL
SCALE: 3/4" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

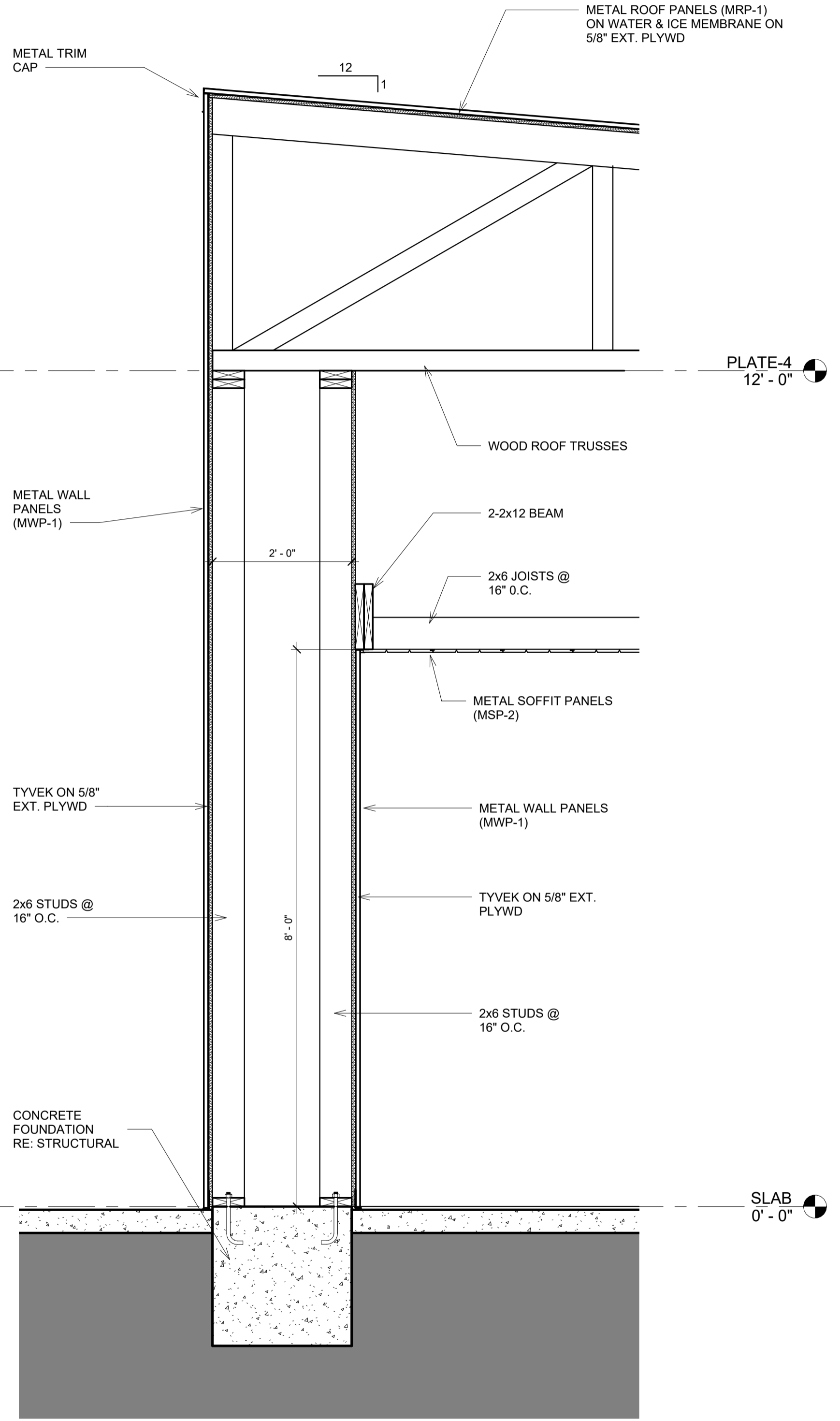


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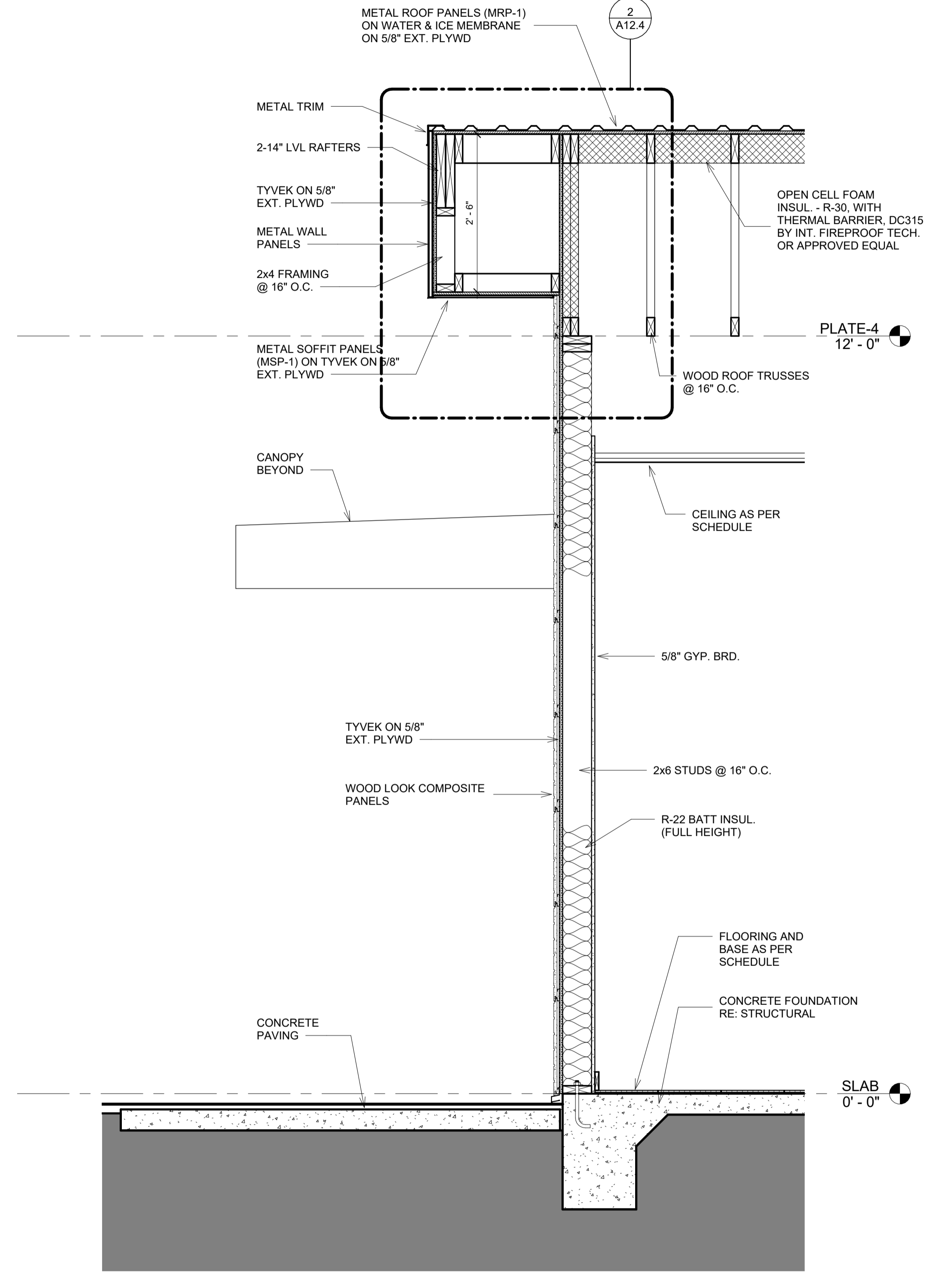
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

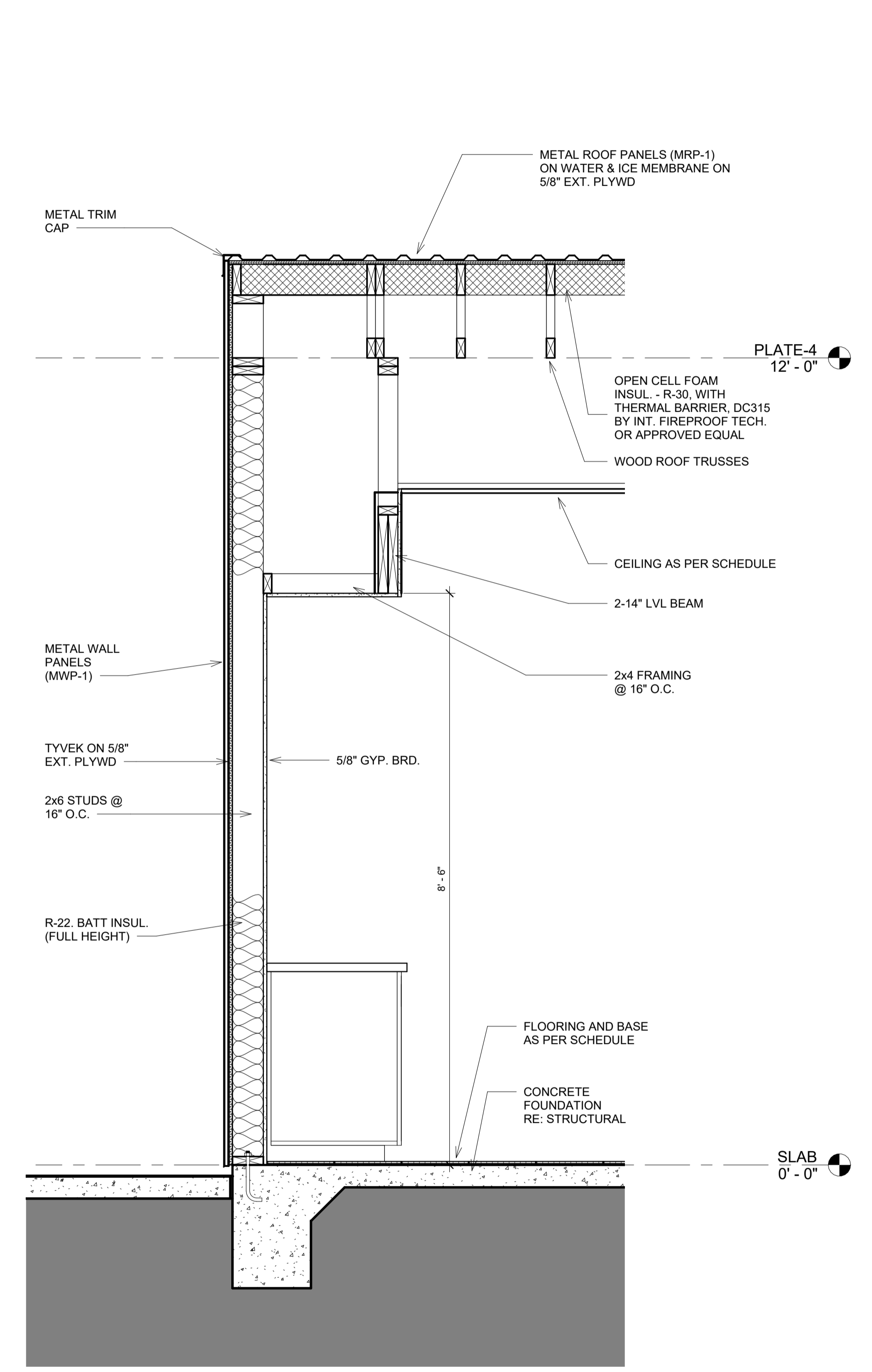
A12.1



1. SECTION THRU ENTRY COLUMN WALL
SCALE: 3/4" = 1'-0"



2. SECTION AT END COMPOSITE WALL
SCALE: 3/4" = 1'-0"

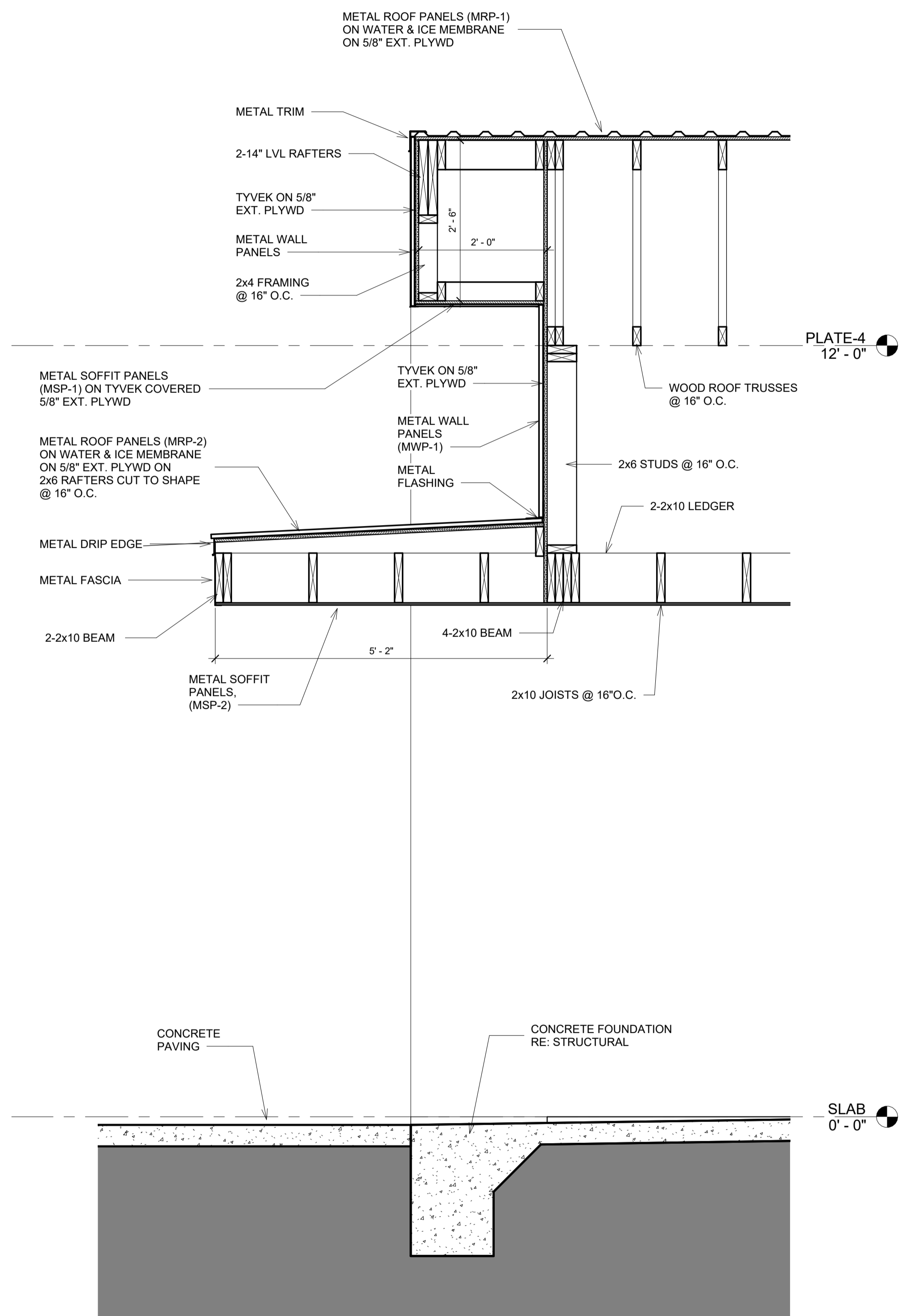


3. SECTION AT END METAL PANEL WALL
SCALE: 3/4" = 1'-0"

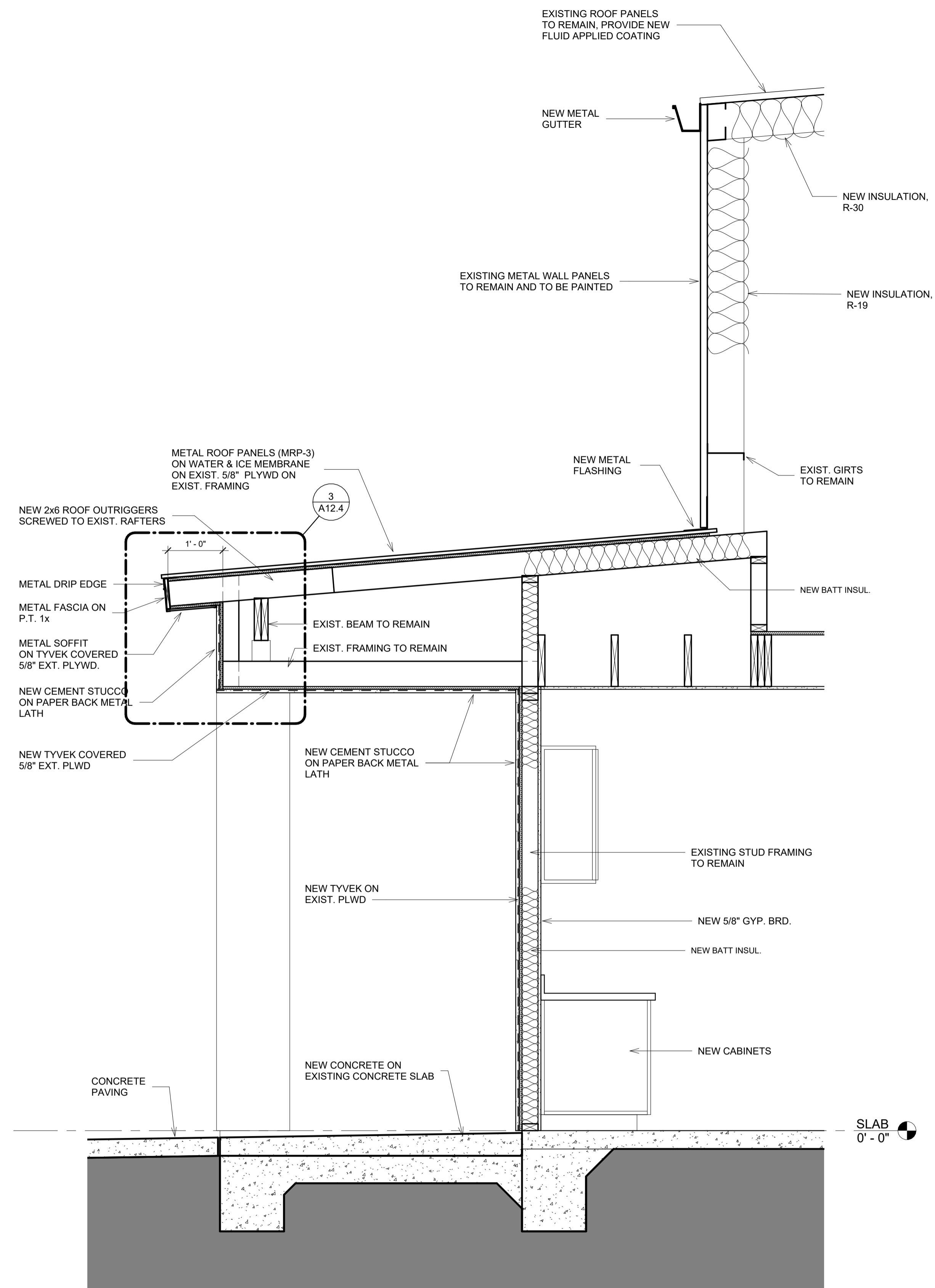
project	1225
date	01.19.26
revisions	



FIRE STATION 44
ADDITONS AND RENOVATIONS

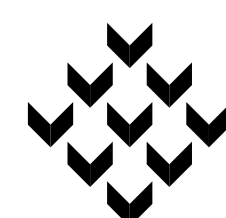


1. SECTION THRU ENTRY CANOPY
SCALE: 3/4" = 1'-0"



2. SECTION AT ENTRY AREA
SCALE: 3/4" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

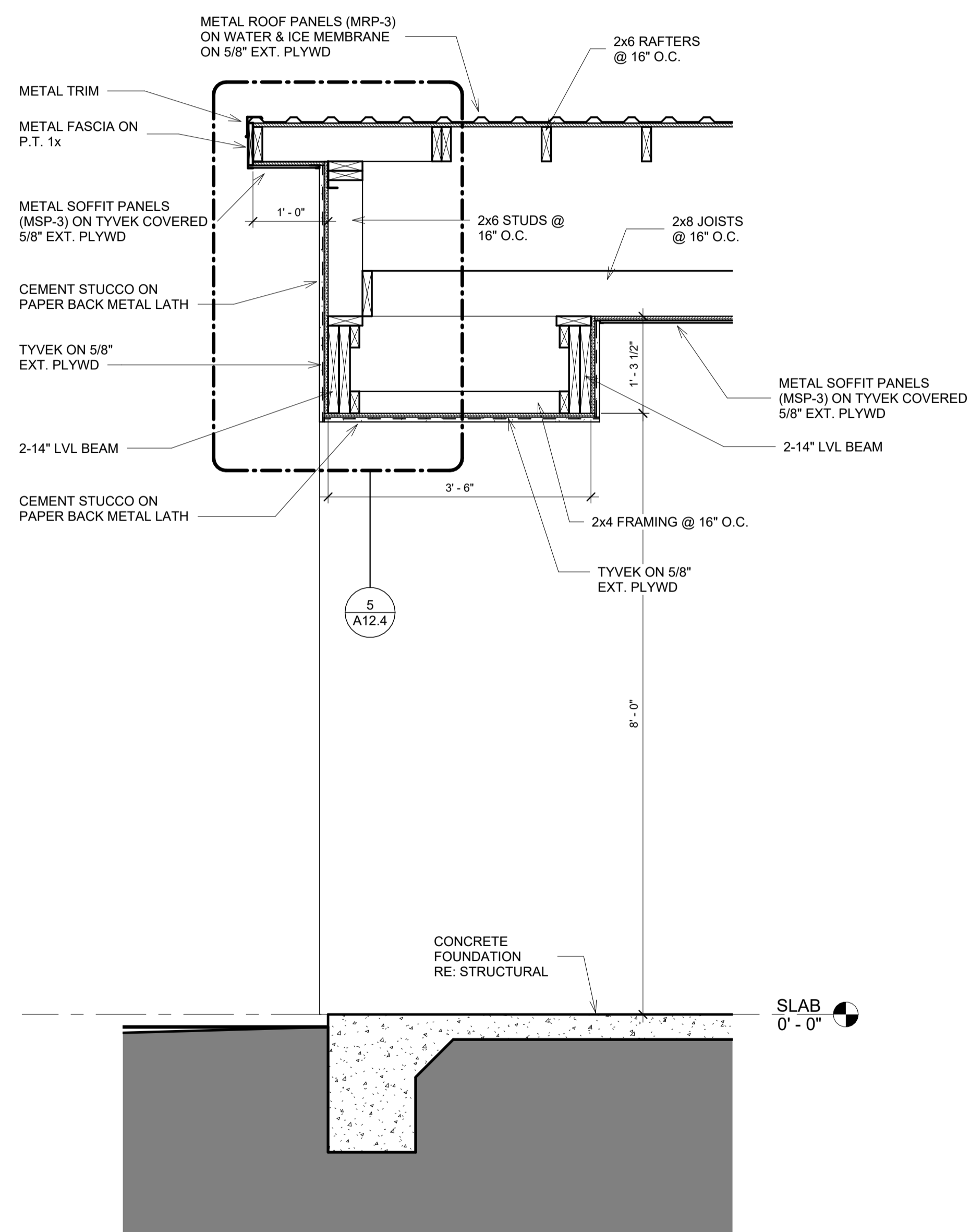


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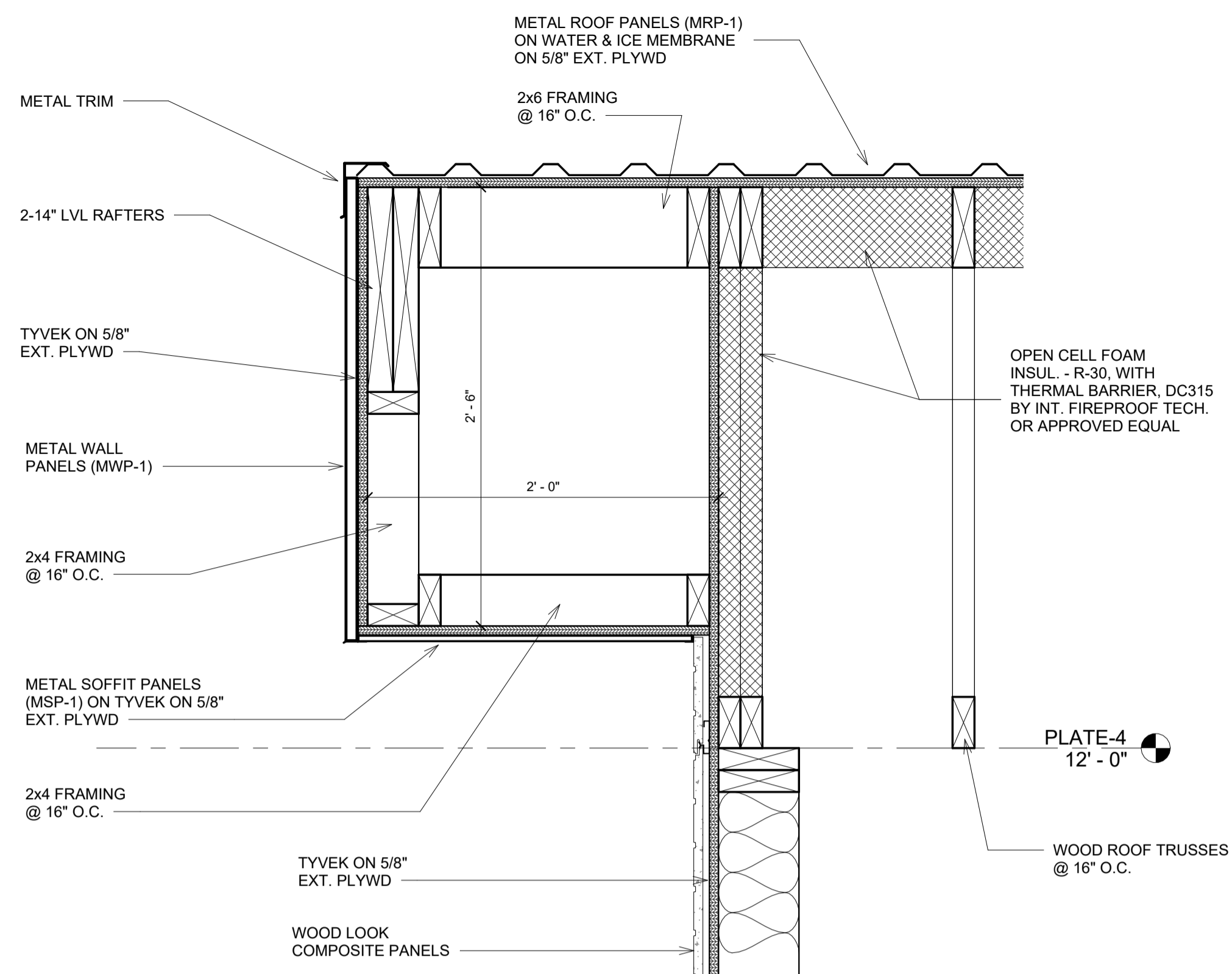
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

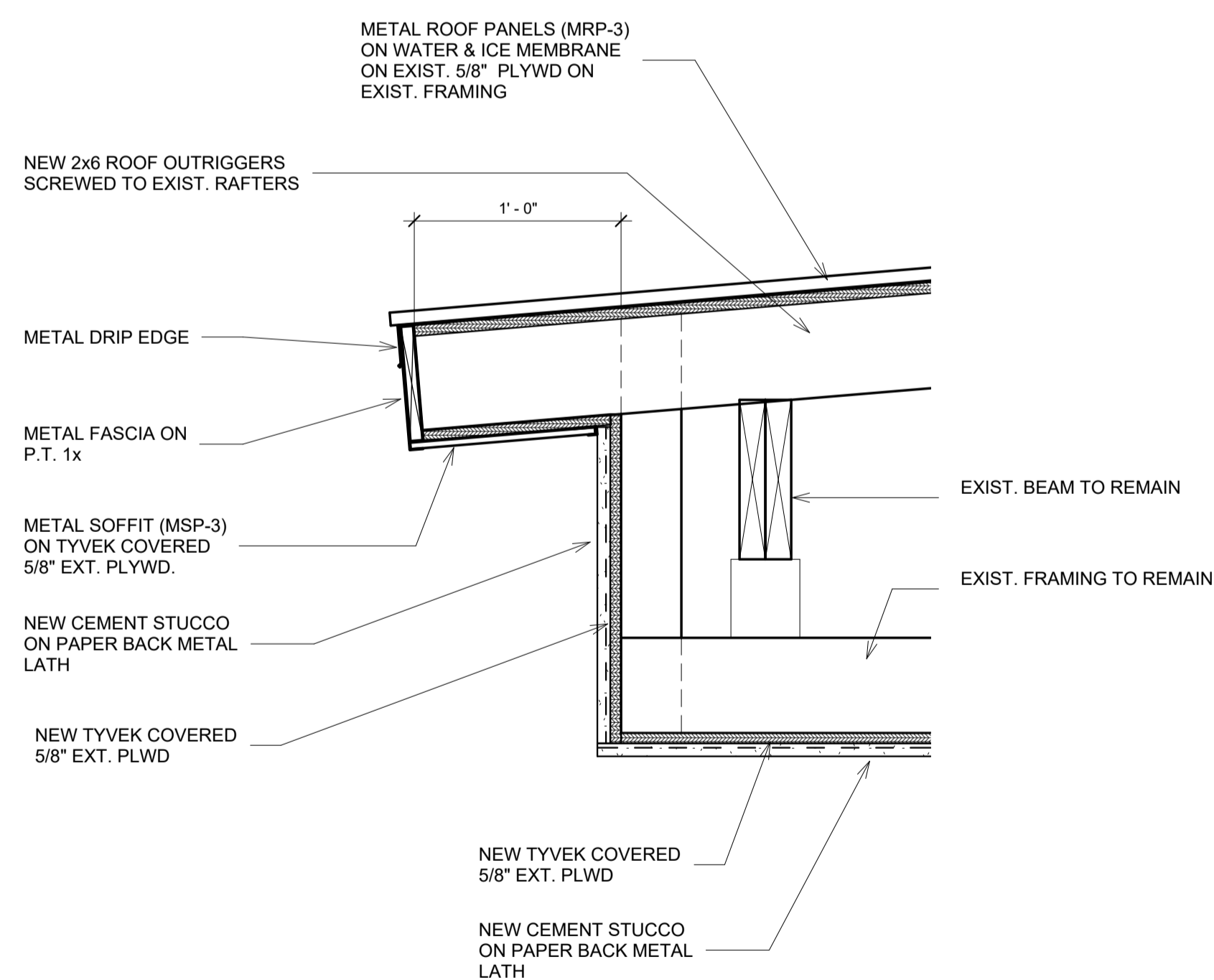
A12.3



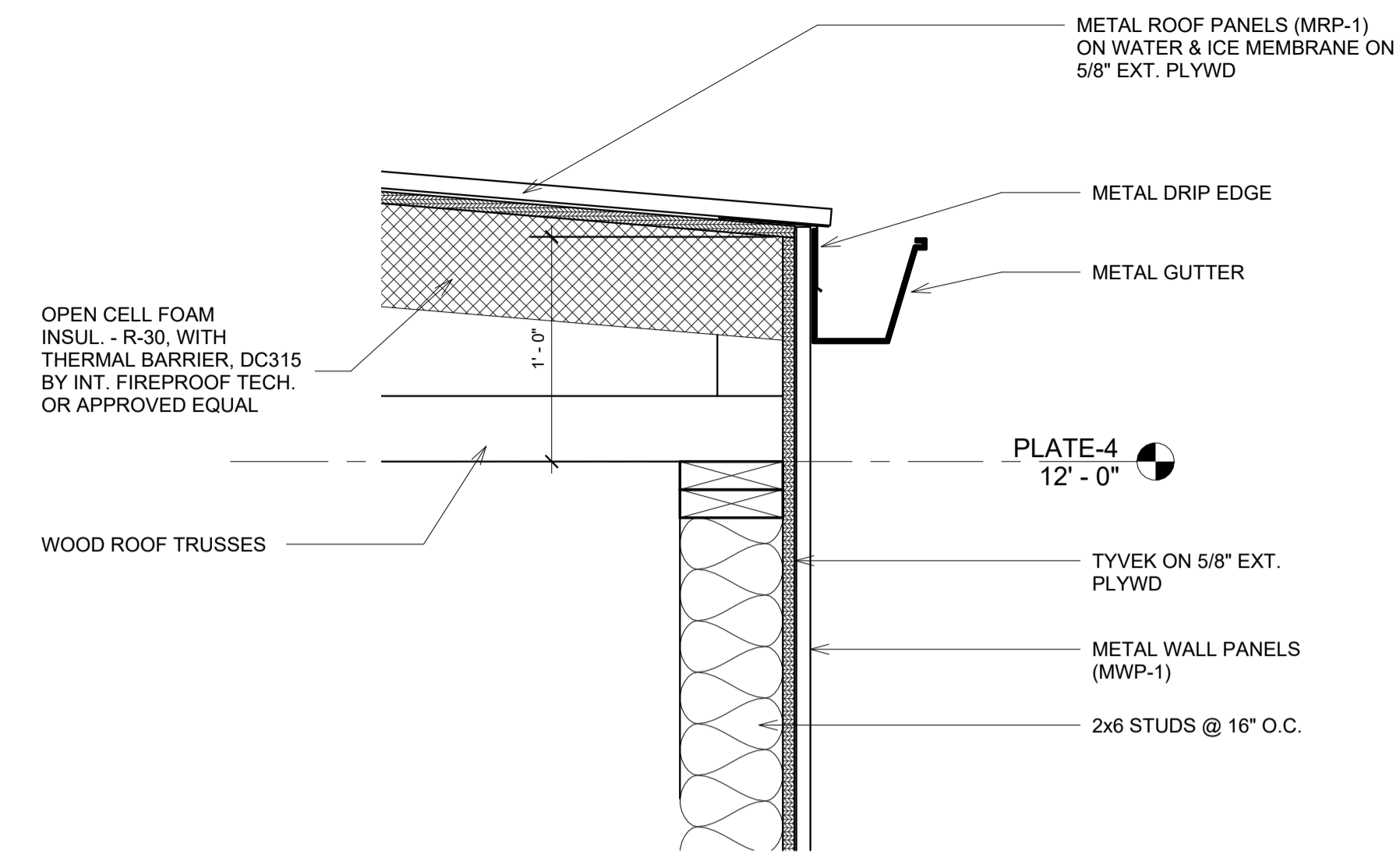
1. SECTION THRU PATIO
SCALE: 3/4" = 1'-0"



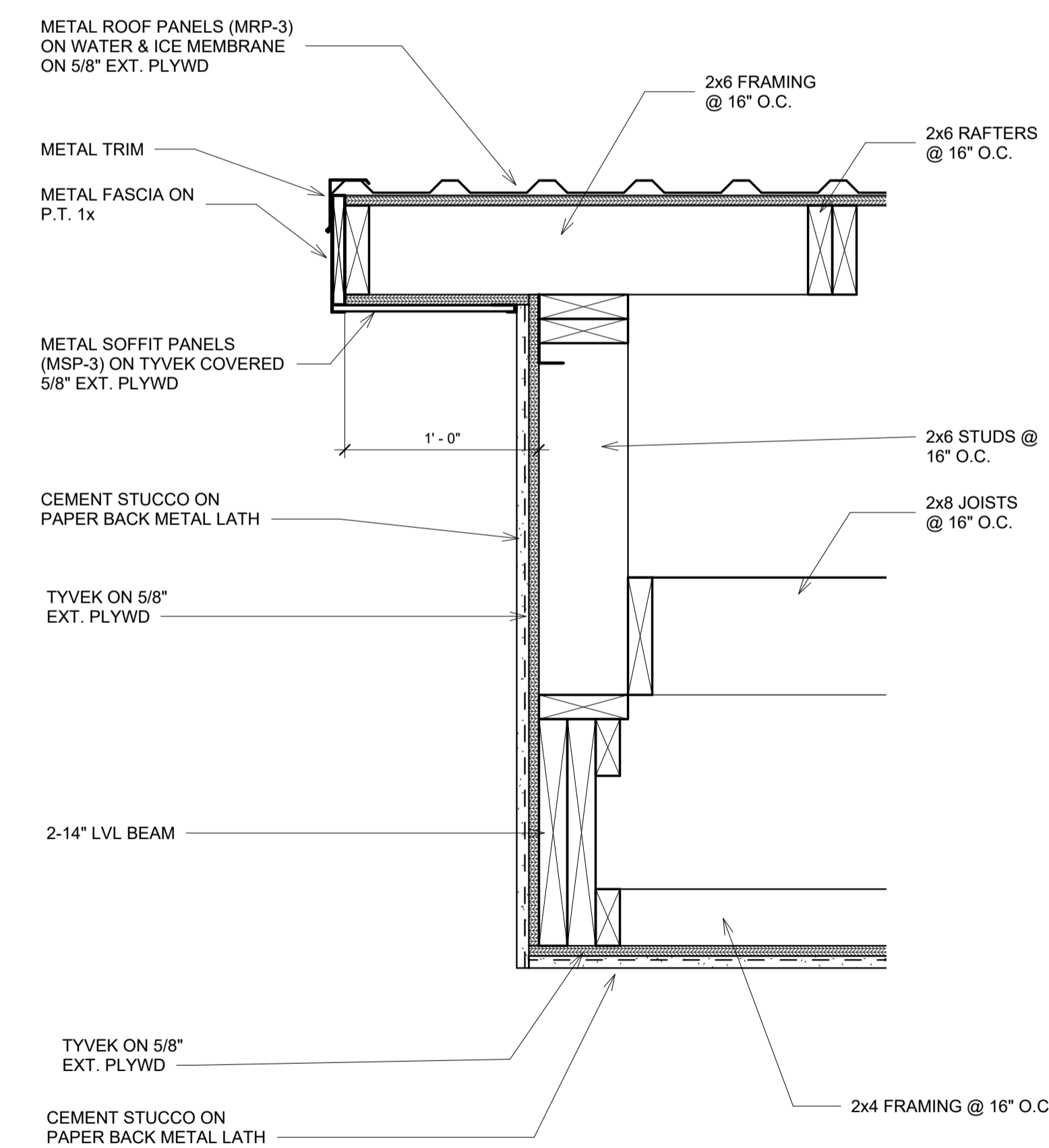
2. SECTION DETAIL AT END COMPOSITE WALL
SCALE: 1 1/2" = 1'-0"



3. SECTION DETAIL AT ENTRY AREA
SCALE: 1 1/2" = 1'-0"

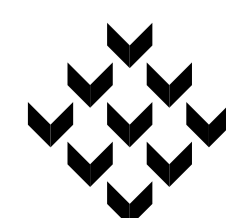


4. SECTION DETAIL THRU METAL PANEL WALL
SCALE: 1 1/2" = 1'-0"



5. SECTION DETAIL THRU PATIO
SCALE: 1 1/2" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

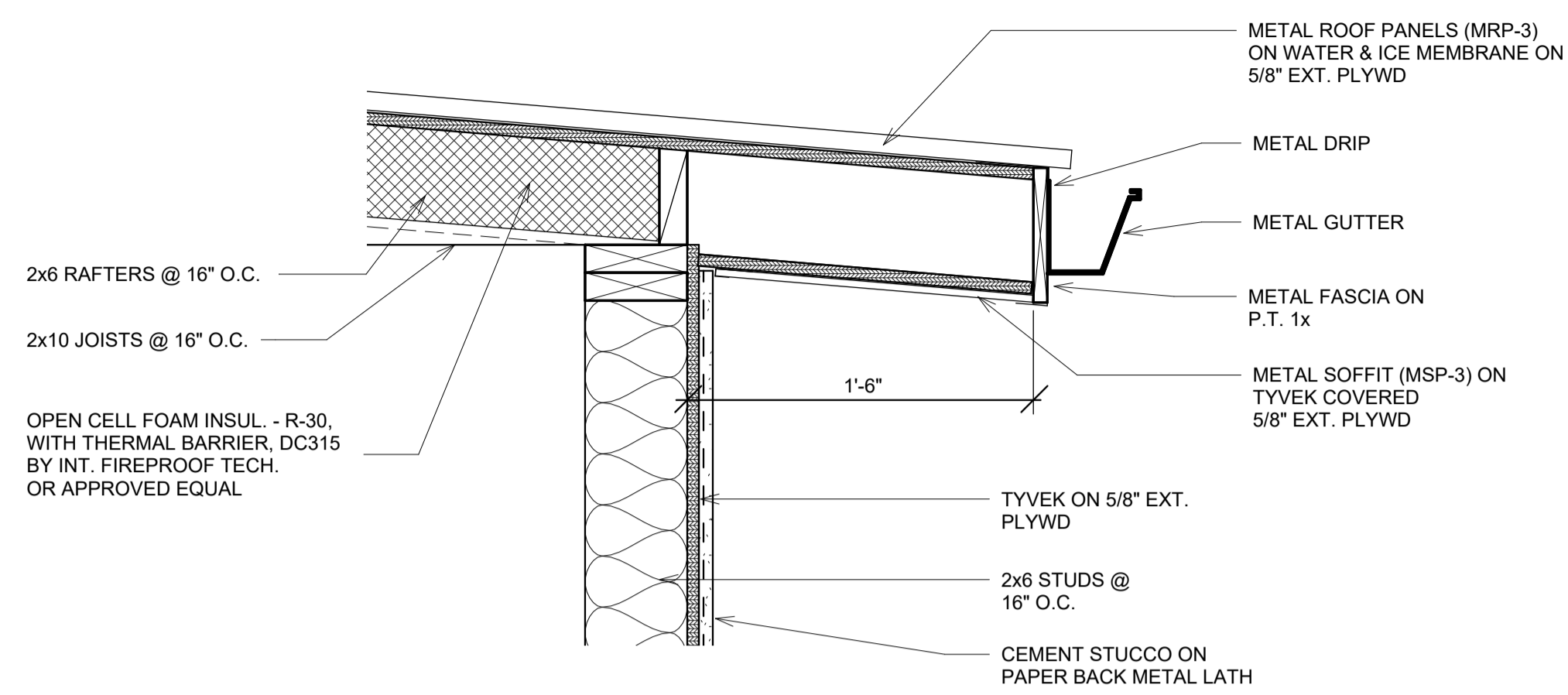


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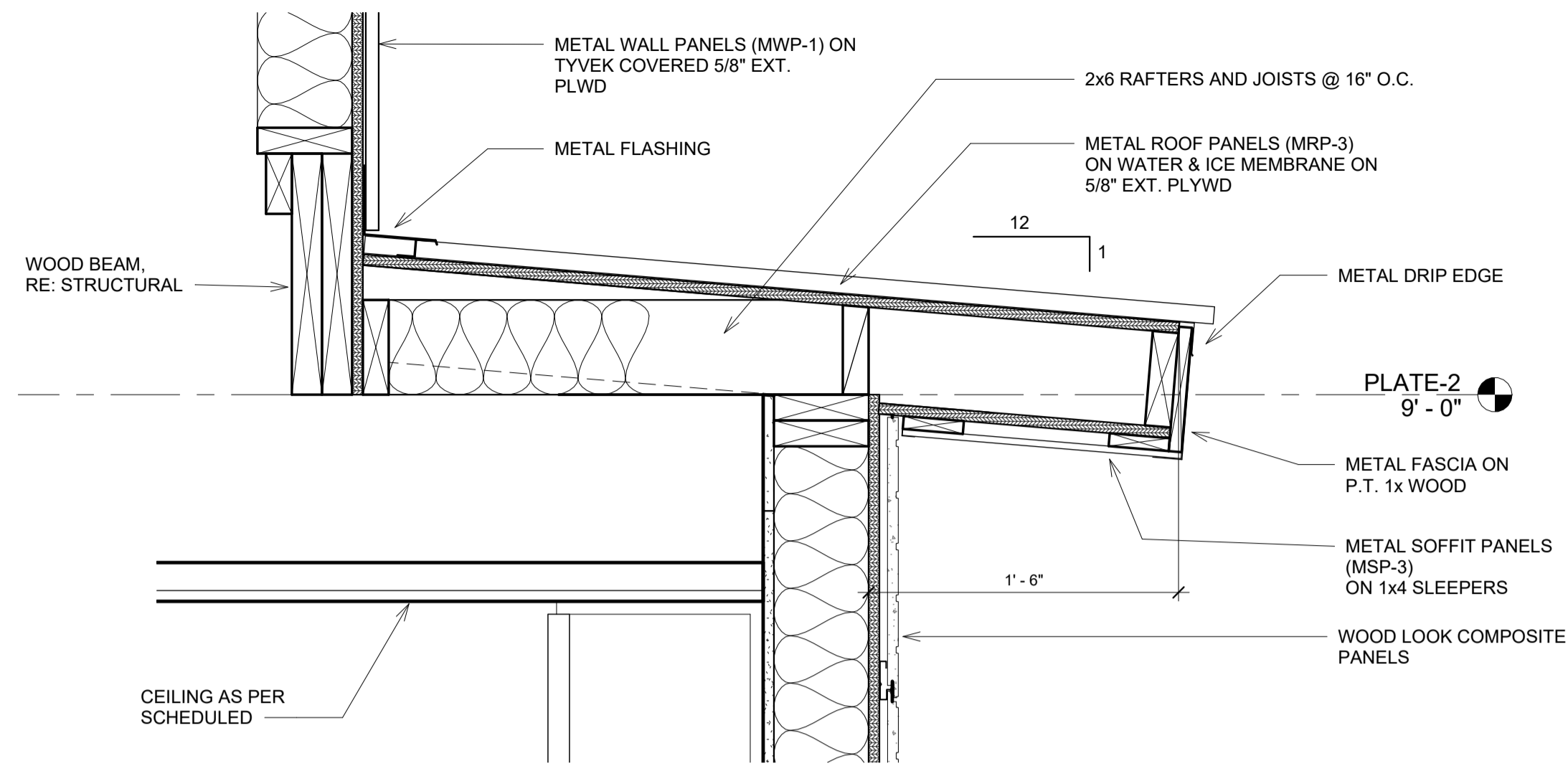
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

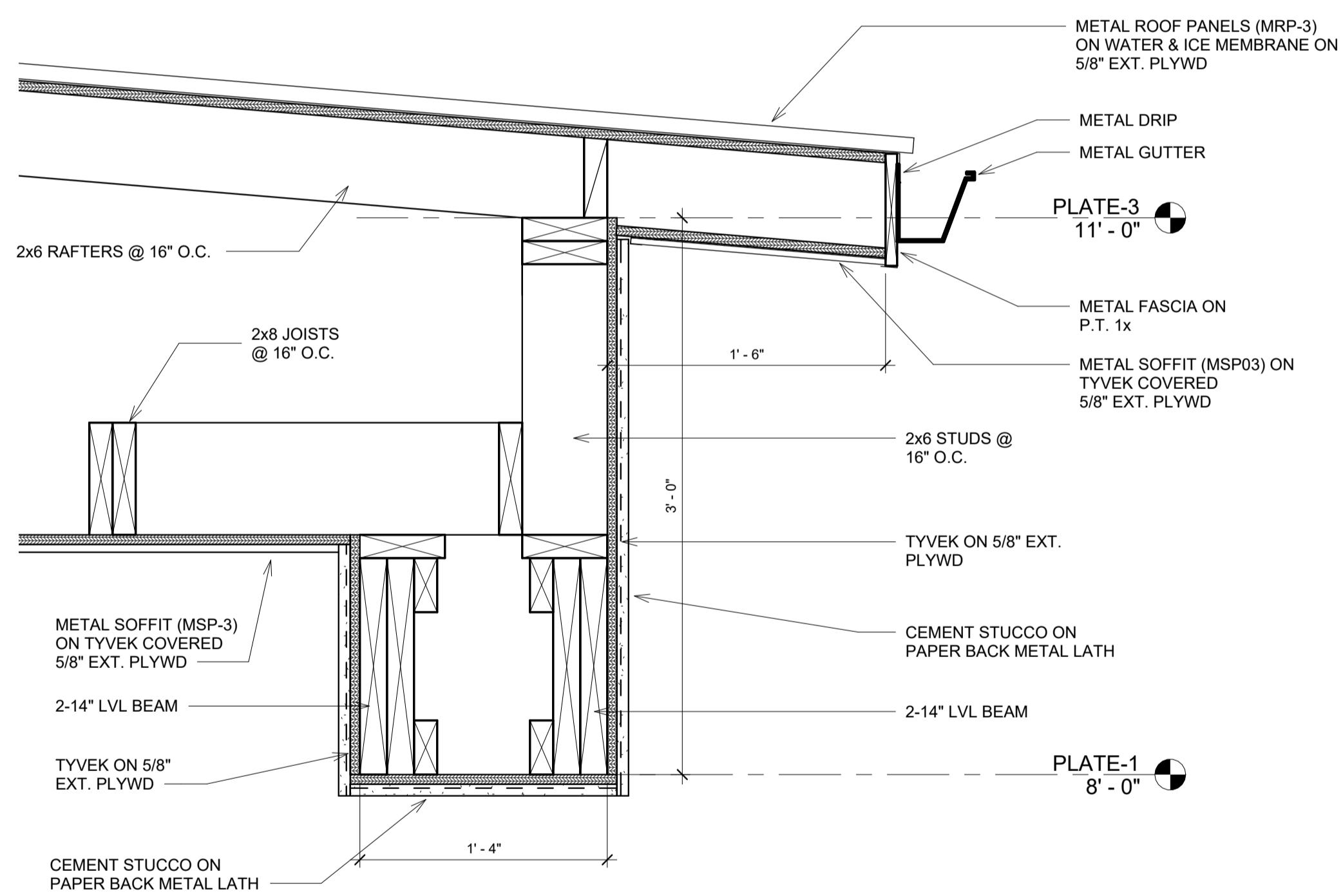
A12.4



1. SECTION DETAIL THRU STUCCO WALL
SCALE: 1 1/2" = 1'-0"

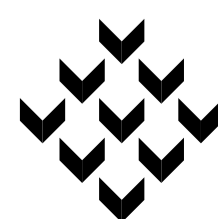


2. SECTION DETAIL THRU WEST SIDE
SCALE: 1 1/2" = 1'-0"



3. SECTION DETAIL AT PATIO
SCALE: 1 1/2" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
Mandeville Louisiana

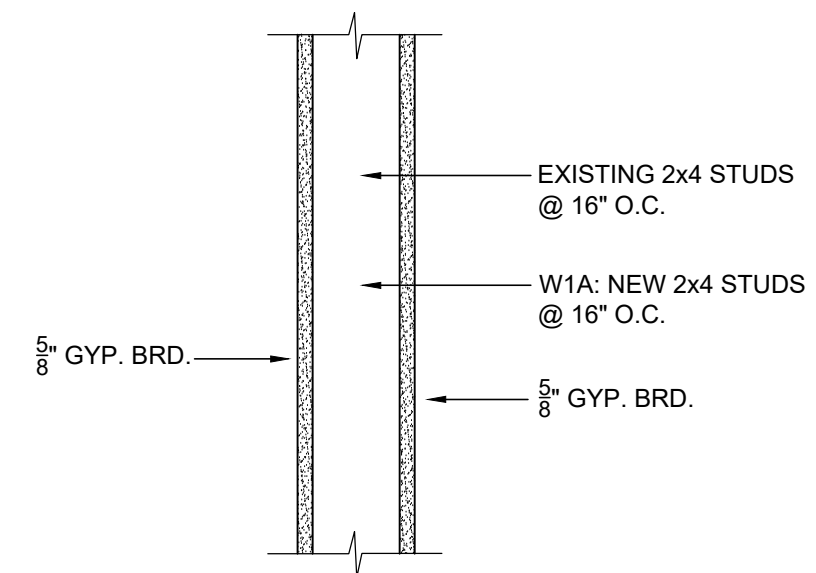


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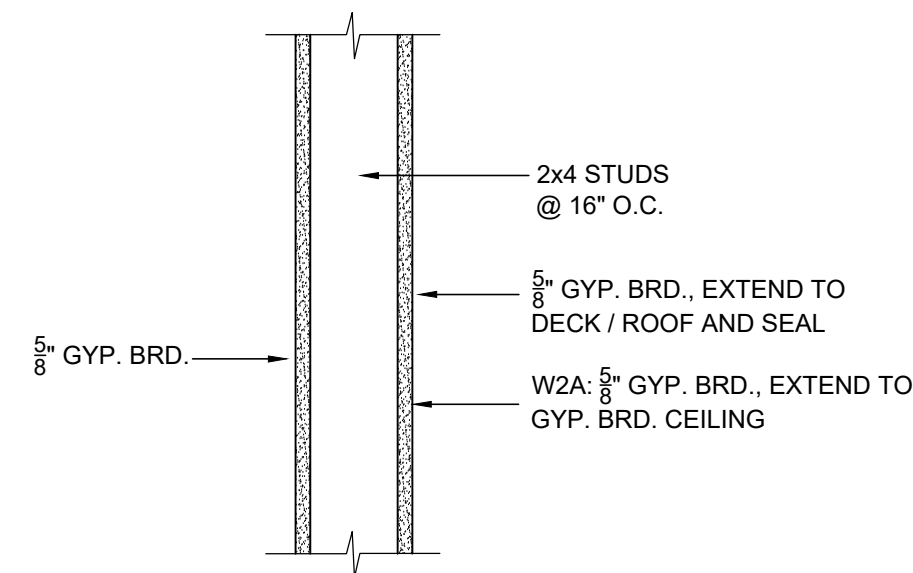
FIRE STATION 44
ADDITONS AND RENOVATIONS

sheet

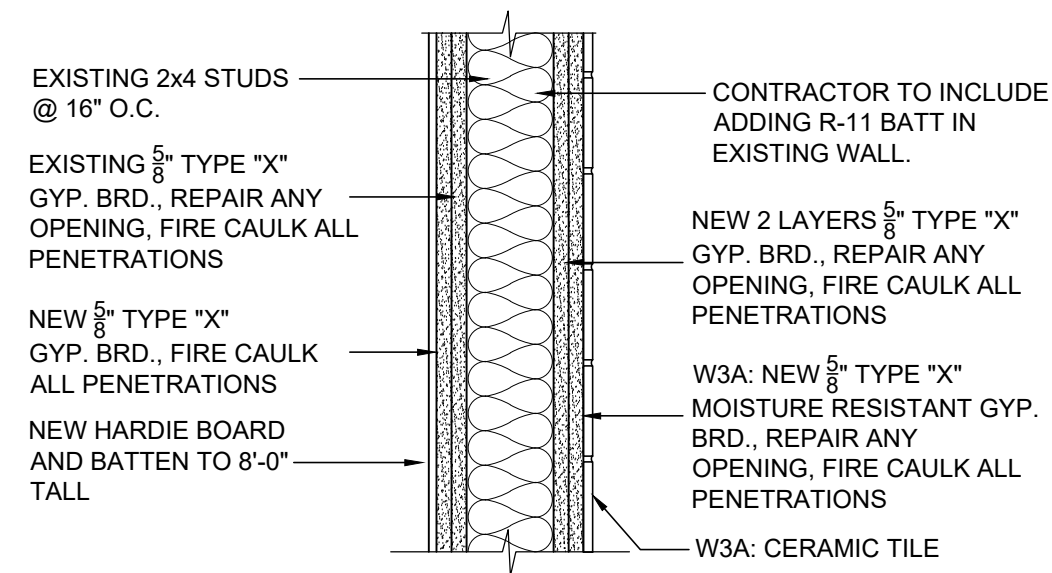
A12.5



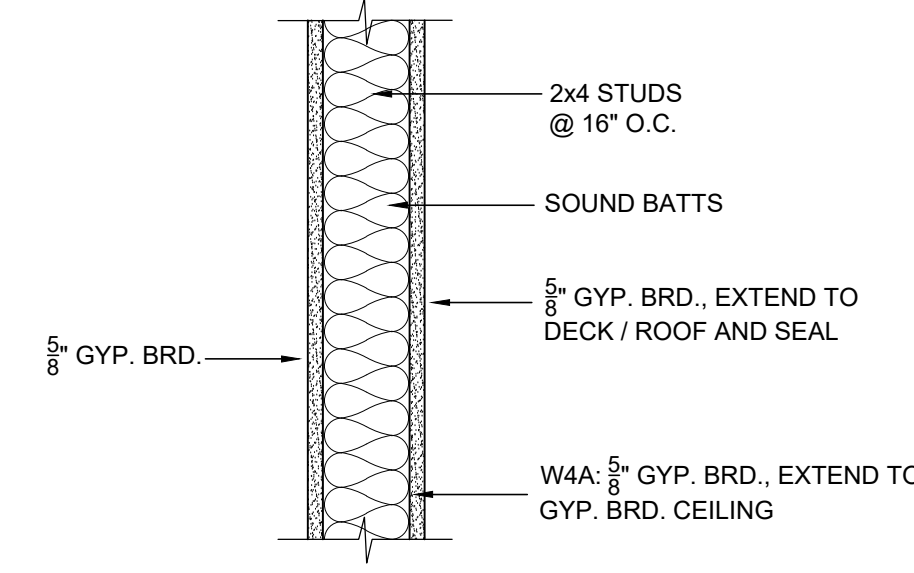
1. WALL TYPE - W1 + W1A
SCALE: 1 1/2" = 1'-0"



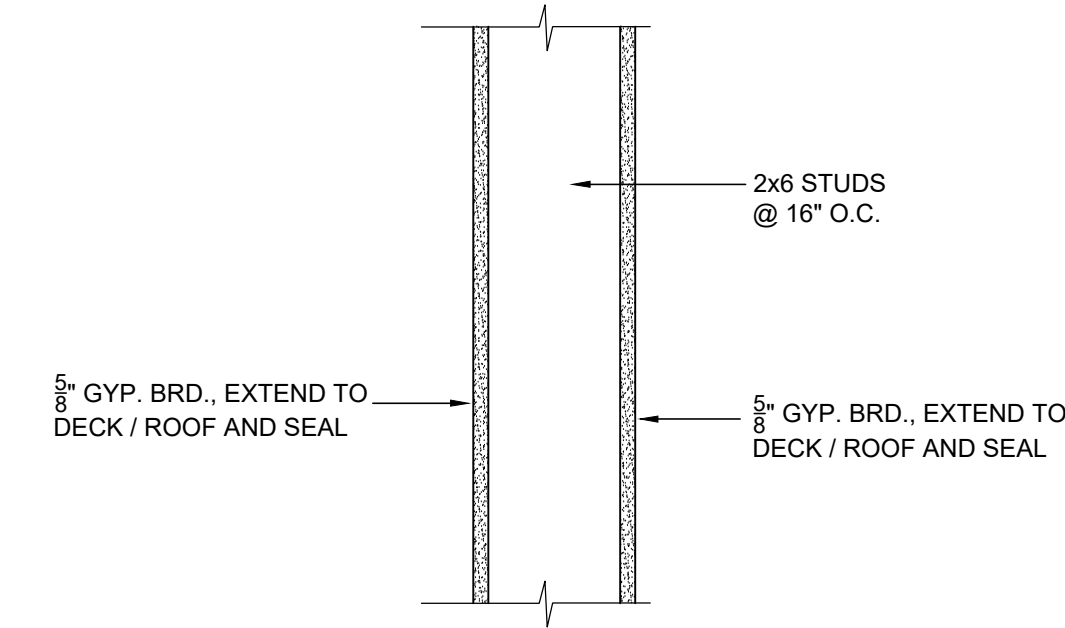
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SCALE: 1 1/2" = 1'-0"



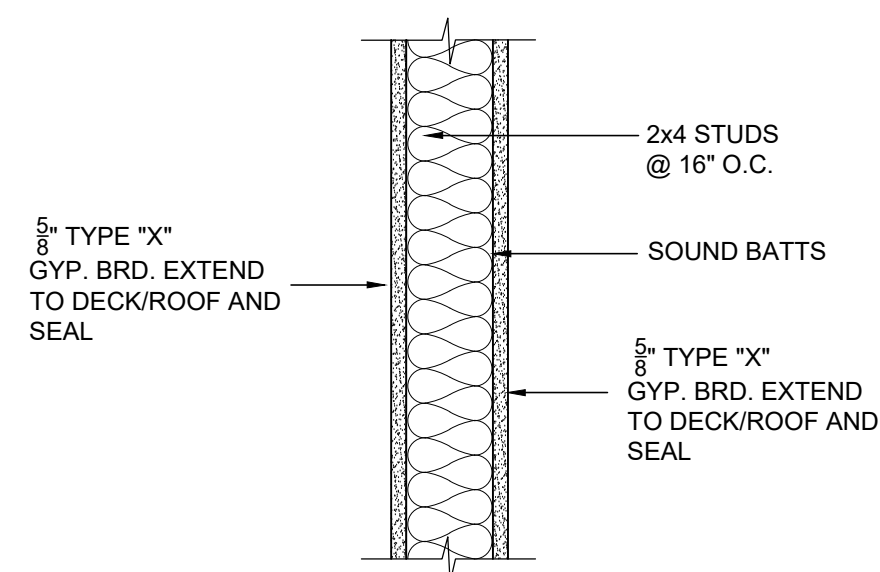
3. WALL TYPE - W3 + W3A
SCALE: 1 1/2" = 1'-0"



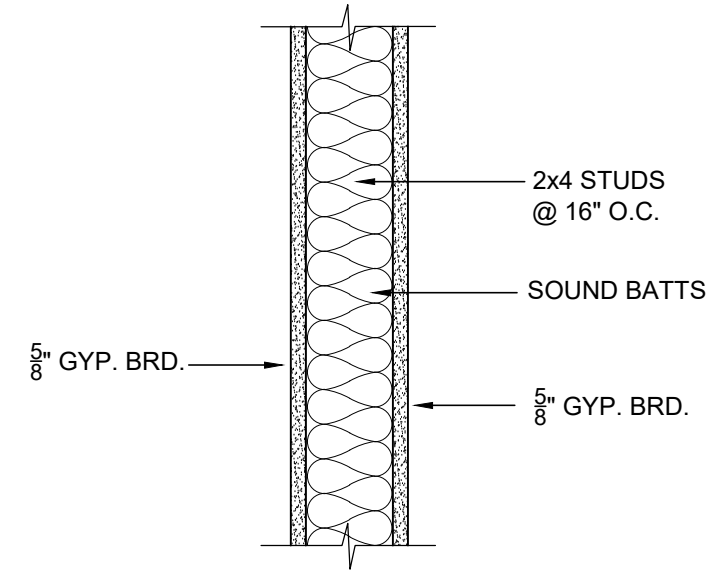
4. WALL TYPE - W4 + W4A
SCALE: 1 1/2" = 1'-0"



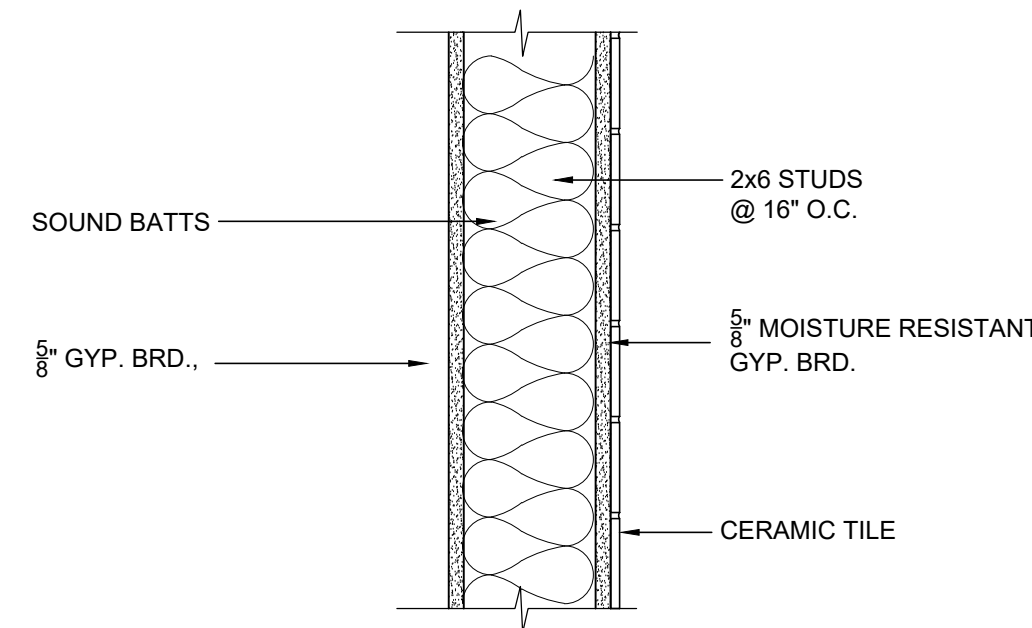
5. WALL TYPE - W5
SCALE: 1 1/2" = 1'-0"



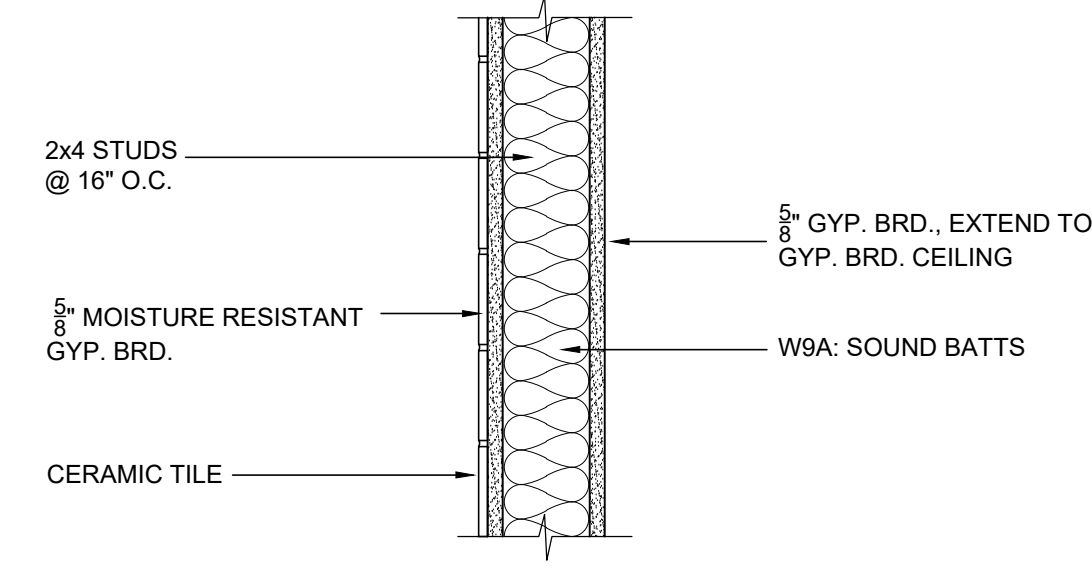
6. WALL TYPE - W6
SCALE: 1 1/2" = 1'-0"



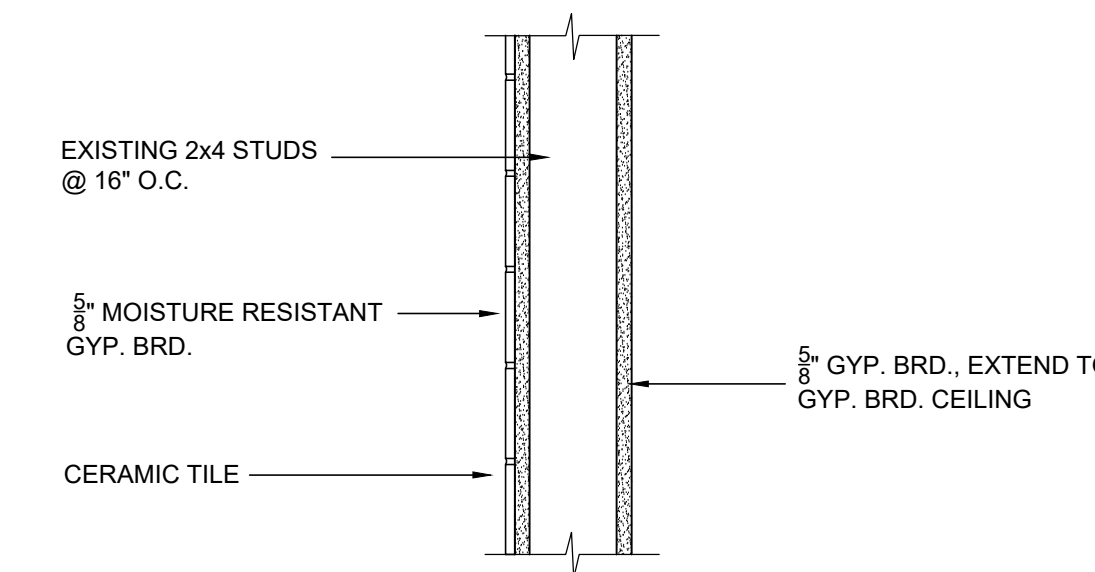
7. WALL TYPE - W7
SCALE: 1 1/2" = 1'-0"



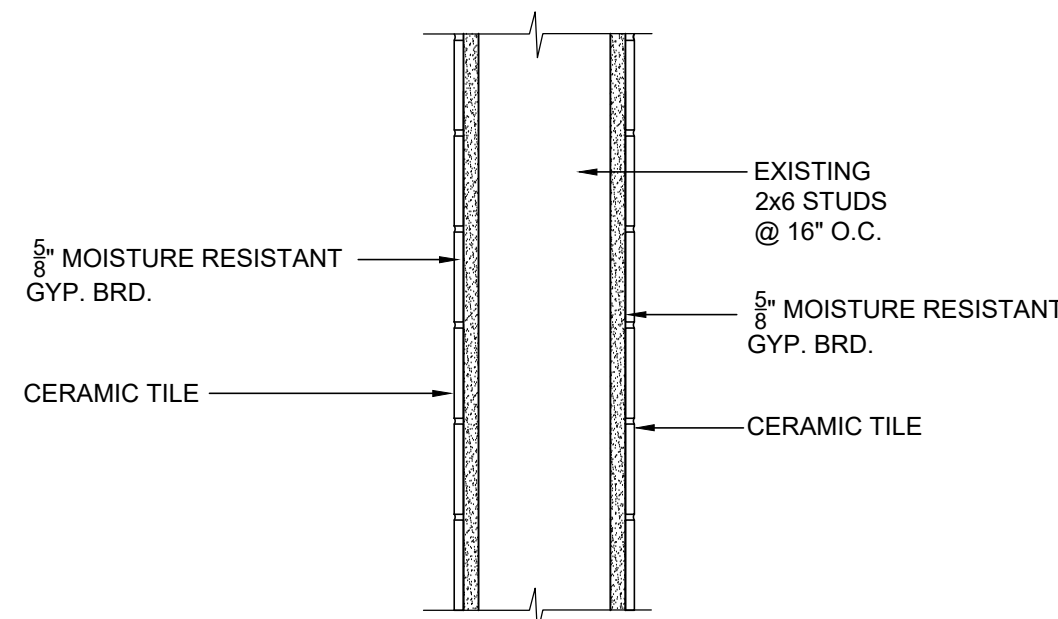
8. WALL TYPE - W8
SCALE: 1 1/2" = 1'-0"



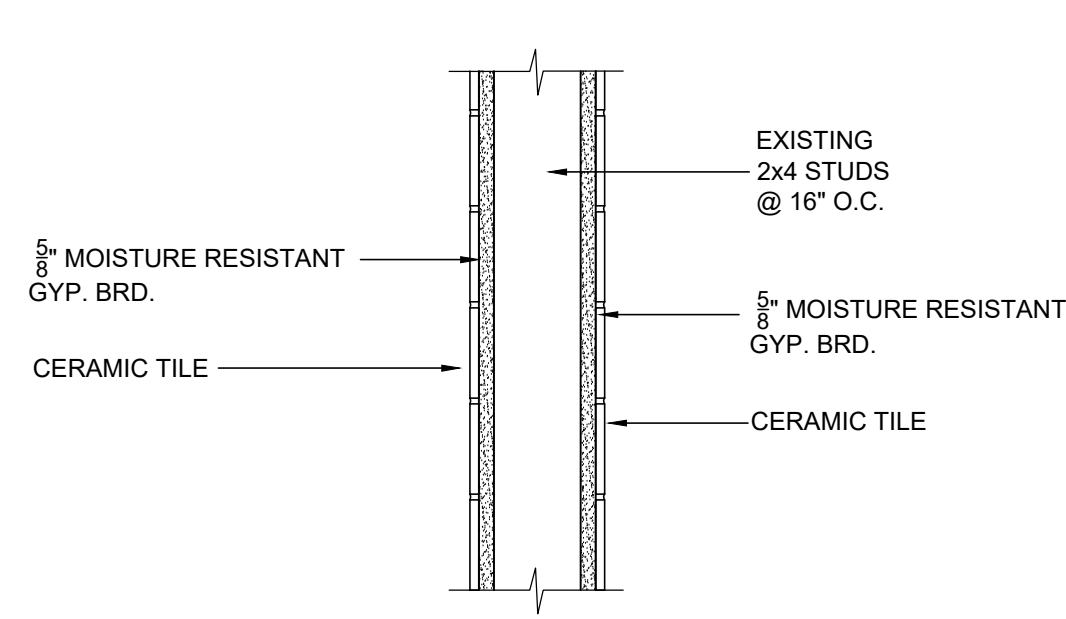
9. WALL TYPE - W9 + W9A
SCALE: 1 1/2" = 1'-0"



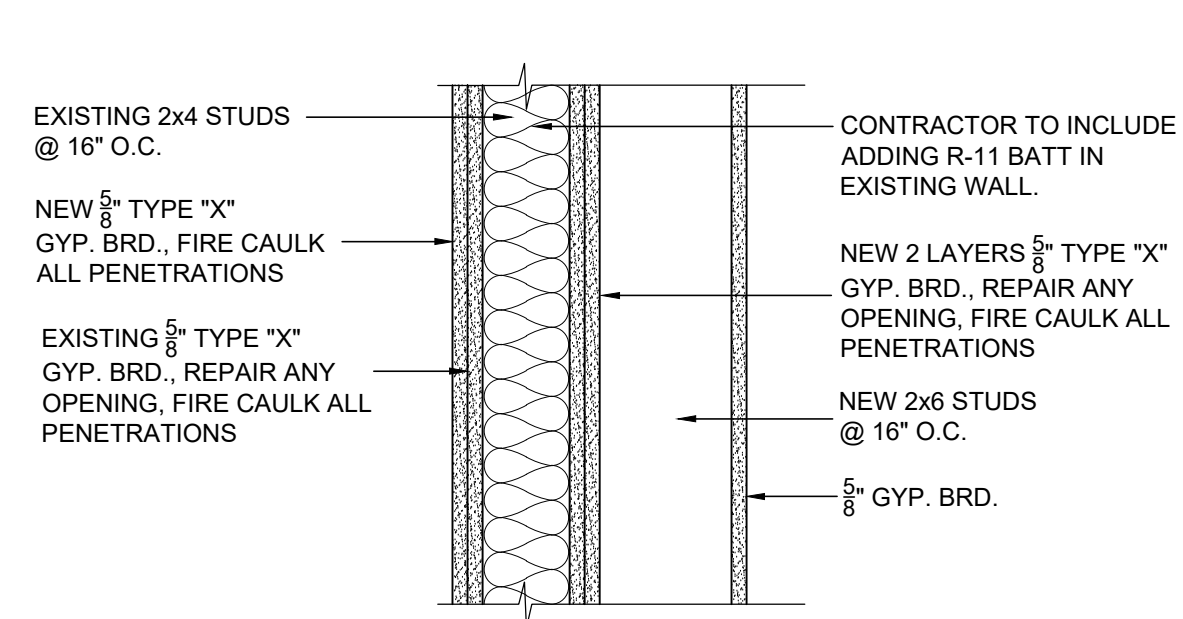
10. WALL TYPE - W10 + W10A
SCALE: 1 1/2" = 1'-0"



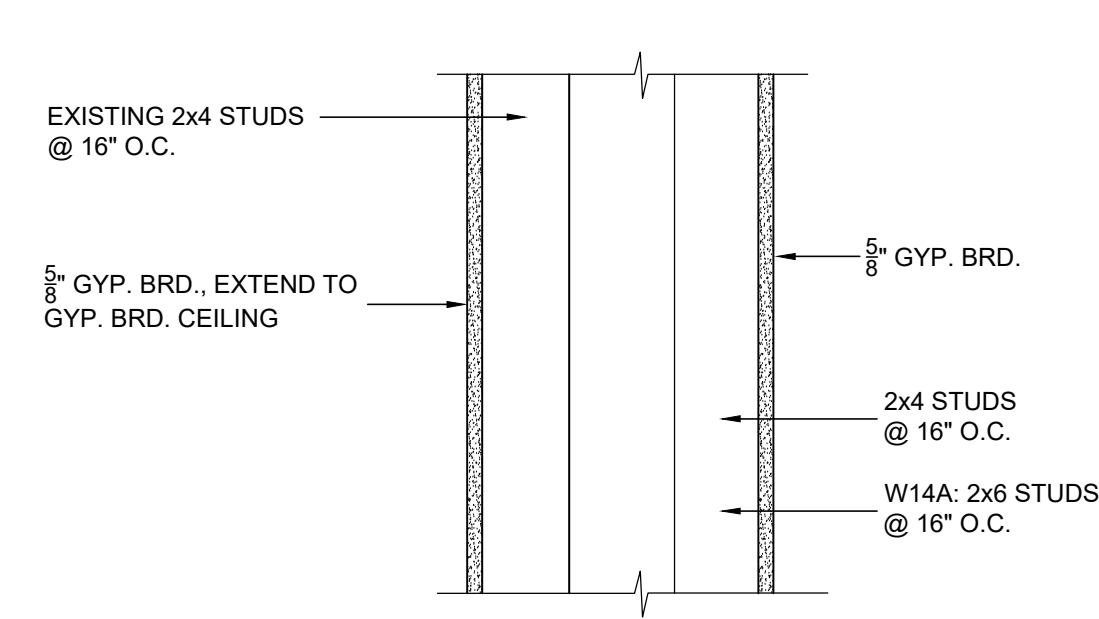
11. WALL TYPE - W11
SCALE: 1 1/2" = 1'-0"



12. WALL TYPE - W12
SCALE: 1 1/2" = 1'-0"



13. WALL TYPE - W13
SCALE: 1 1/2" = 1'-0"

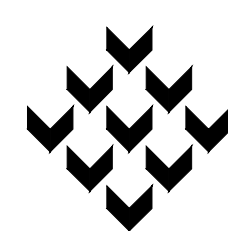


14. WALL TYPE - W14 + W14A
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES:

1. EXTEND SOUND BATTS TO 6" ABOVE CEILING UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL PROVIDE BLOCKING IN WALLS AS NEEDED FOR SUPPORT OF WALL MOUNTED ITEMS.
3. GYPSUM BOARD SHALL EXTEND TO 6" ABOVE CEILING UNLESS NOTED OTHERWISE
4. CONTRACTOR SHALL PROVIDE 2x4 FRAMING ABOVE CEILING FOR BRACING OF WALLS AS REQUIRED.

project 1225
date 01.19.26
revisions



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Mandeville Louisiana



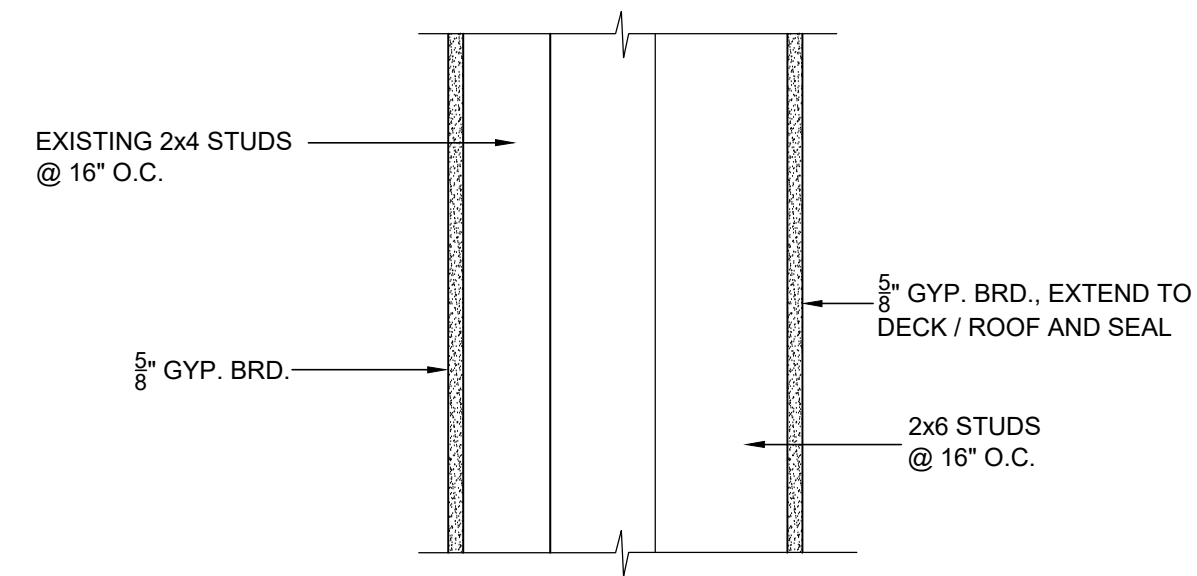
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

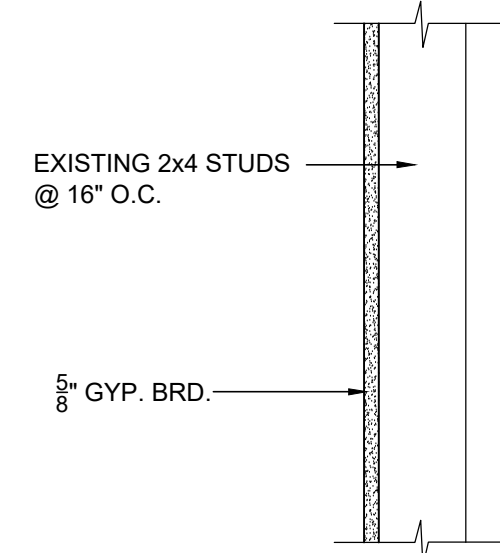
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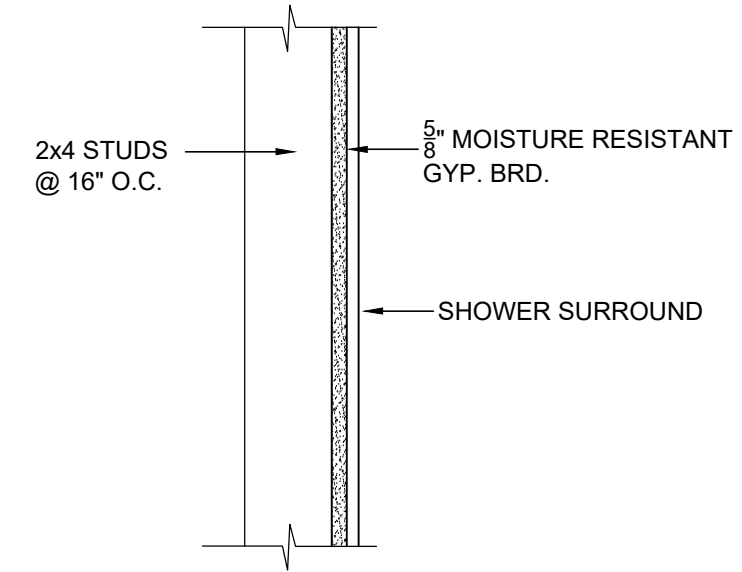
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1. WALL TYPE - W15
SCALE: 1 1/2" = 1'-0"



2. WALL TYPE - W16
SCALE: 1 1/2" = 1'-0"

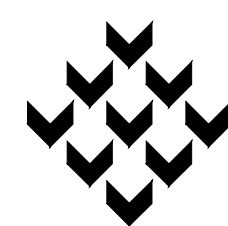


3. WALL TYPE - W17
SCALE: 1 1/2" = 1'-0"

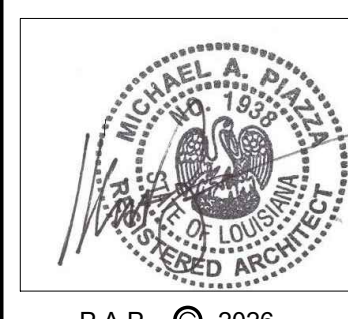
GENERAL NOTES:

1. EXTEND SOUND BATTS TO 6" ABOVE CEILING UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL PROVIDE BLOCKING IN WALLS AS NEEDED FOR SUPPORT OF WALL MOUNTED ITEMS.
3. GYPSUM BOARD SHALL EXTEND TO 6" ABOVE CEILING UNLESS NOTED OTHERWISE.
4. CONTRACTOR SHALL PROVIDE 2x4 FRAMING ABOVE CEILING FOR BRACING OF WALLS AS REQUIRED.

project 1225
date 01.19.26
revisions



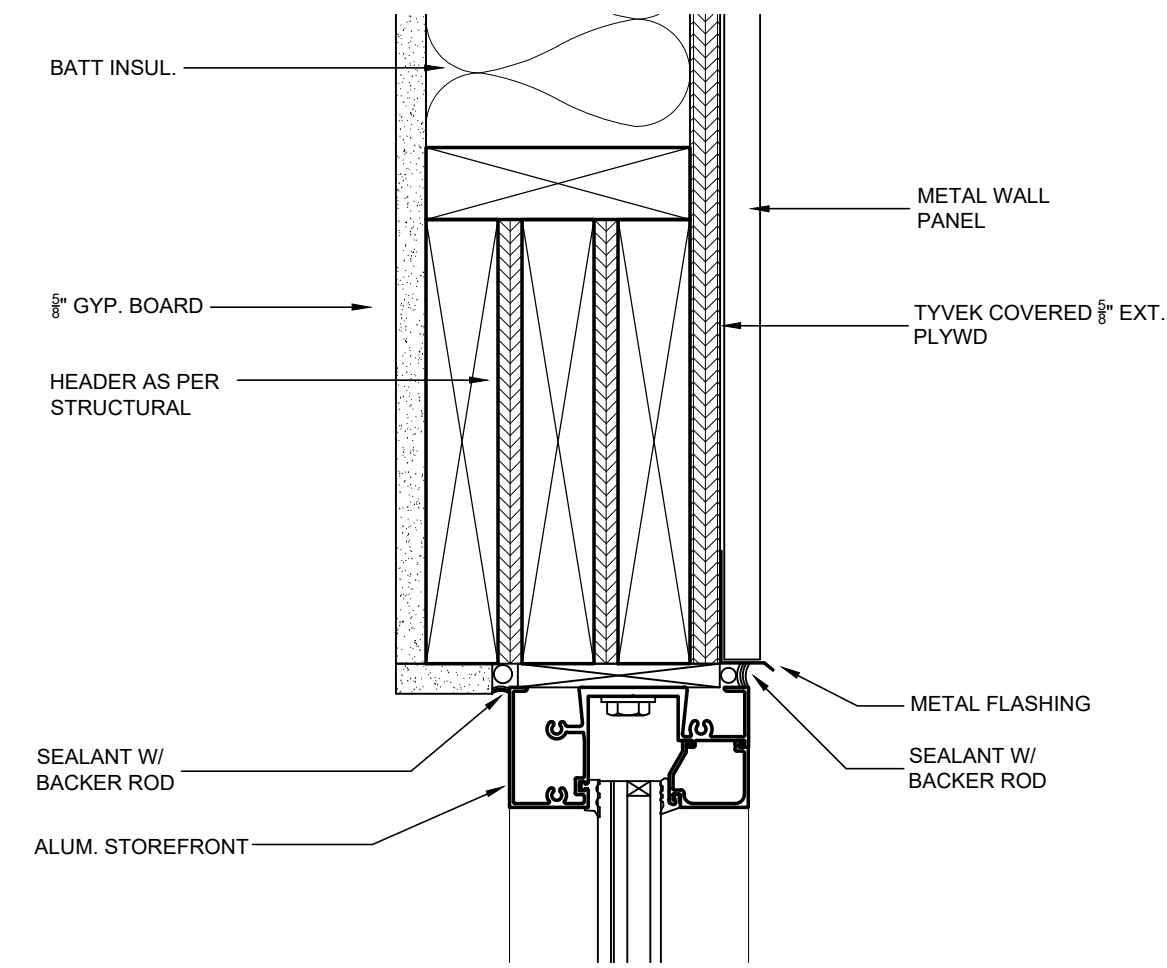
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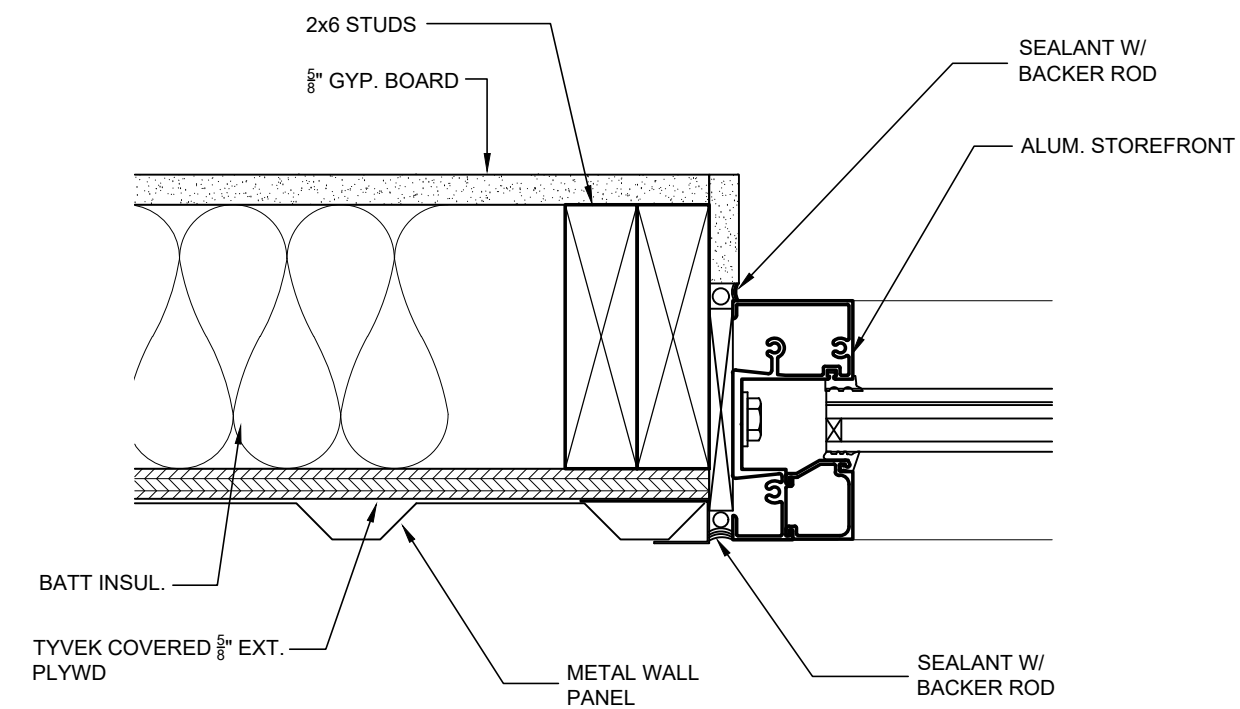
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

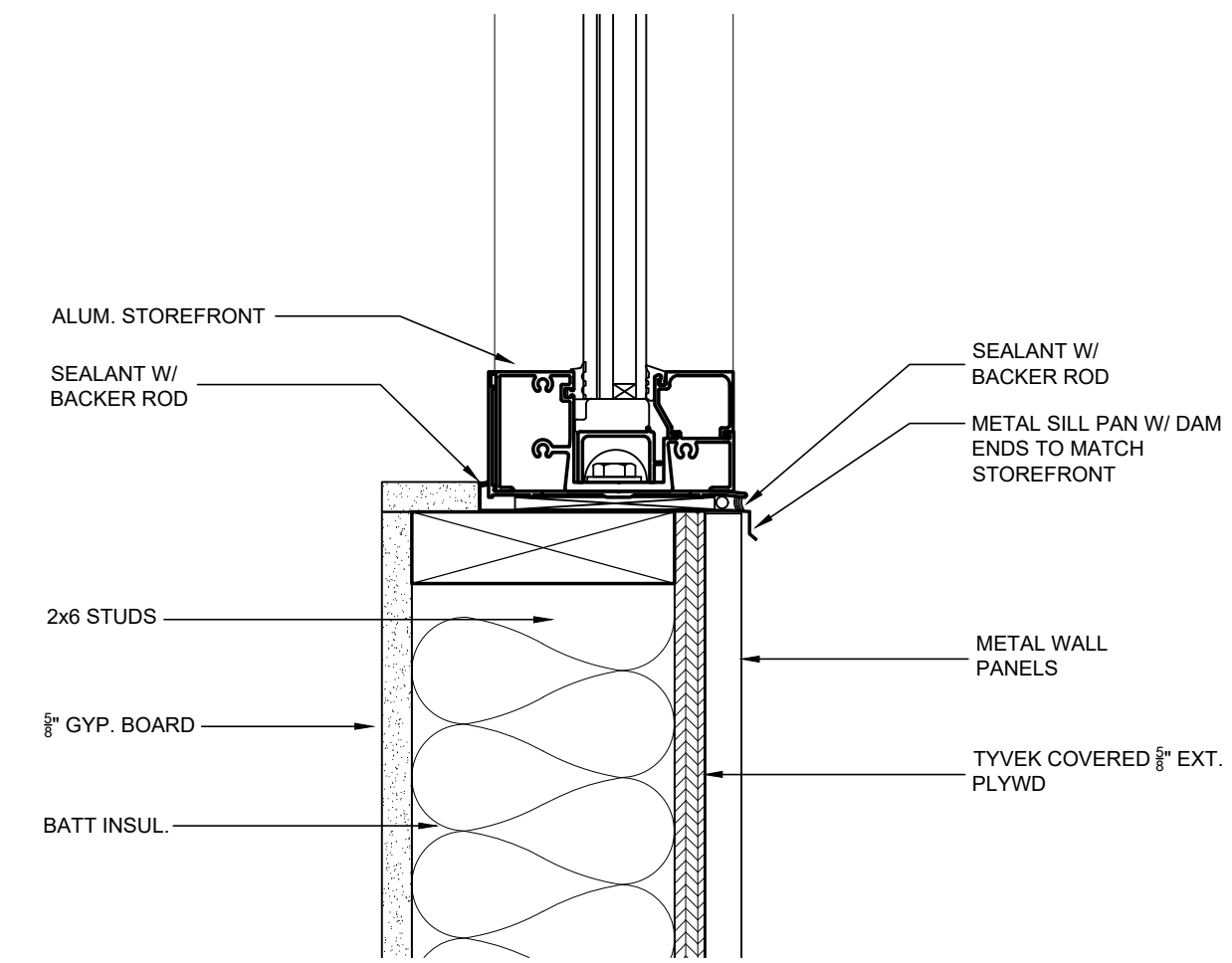
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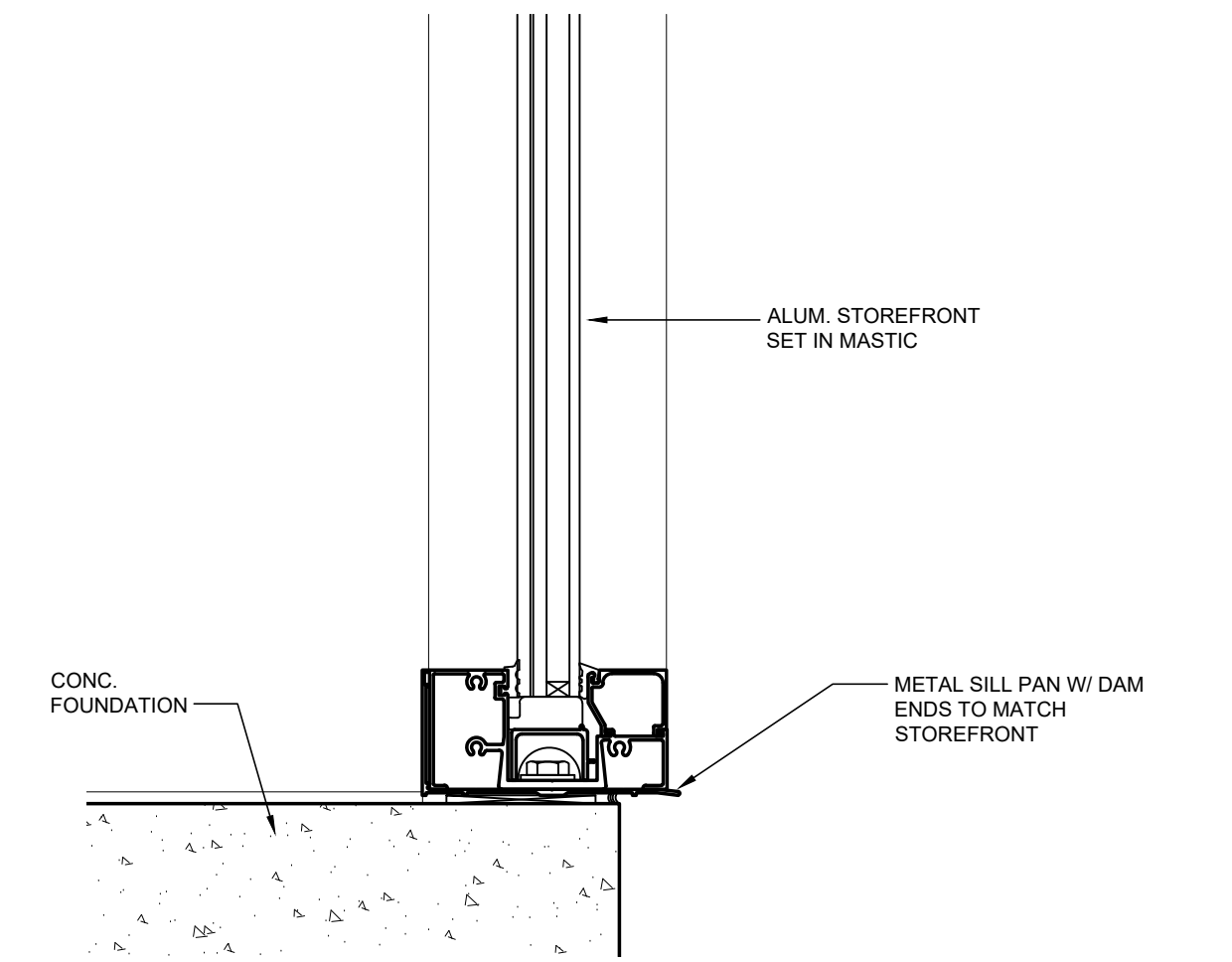
1. WINDOW HEAD DETAIL
 SCALE: 3" = 1'-0"



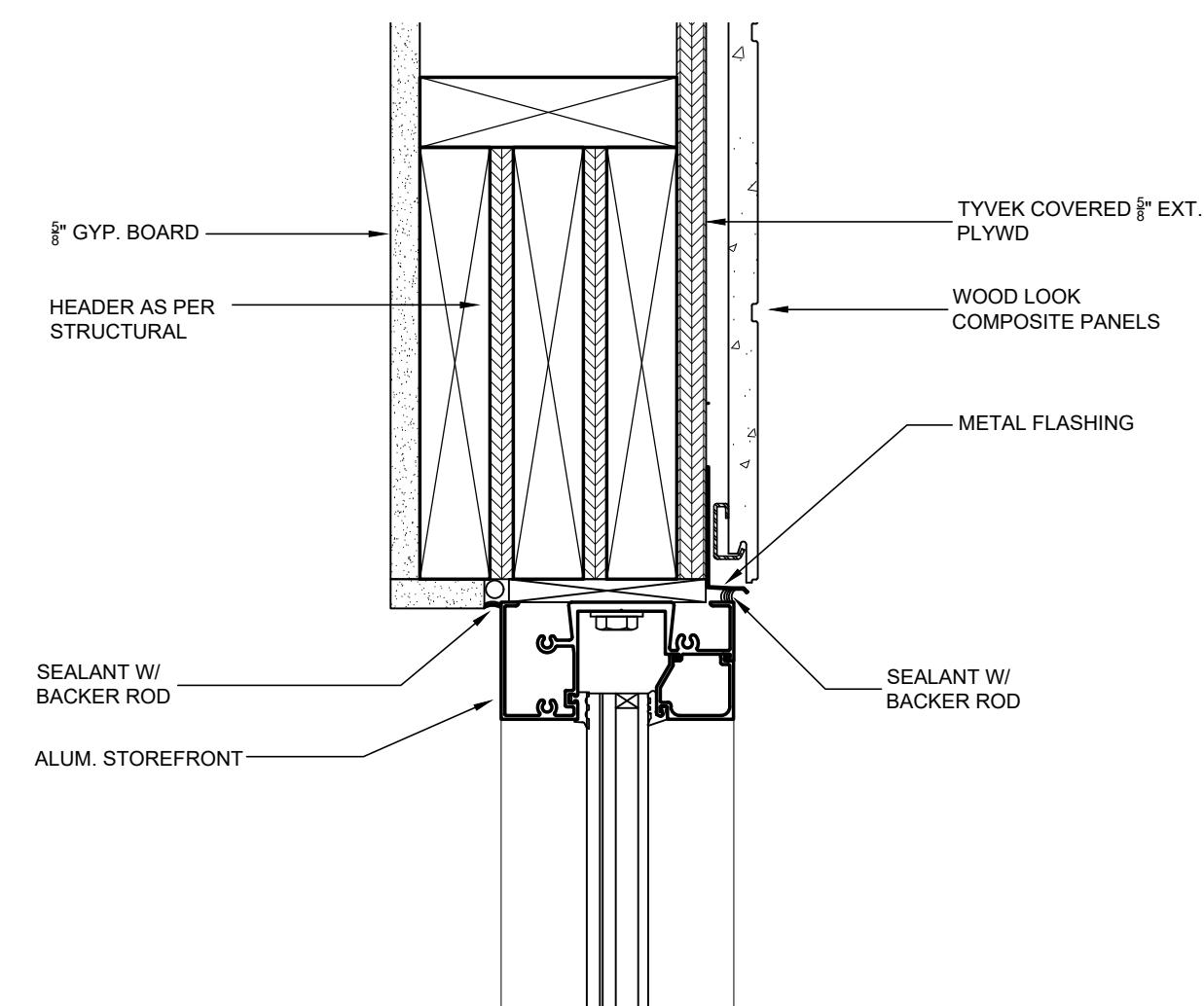
2. WINDOW JAMB DETAIL
 SCALE: 3" = 1'-0"



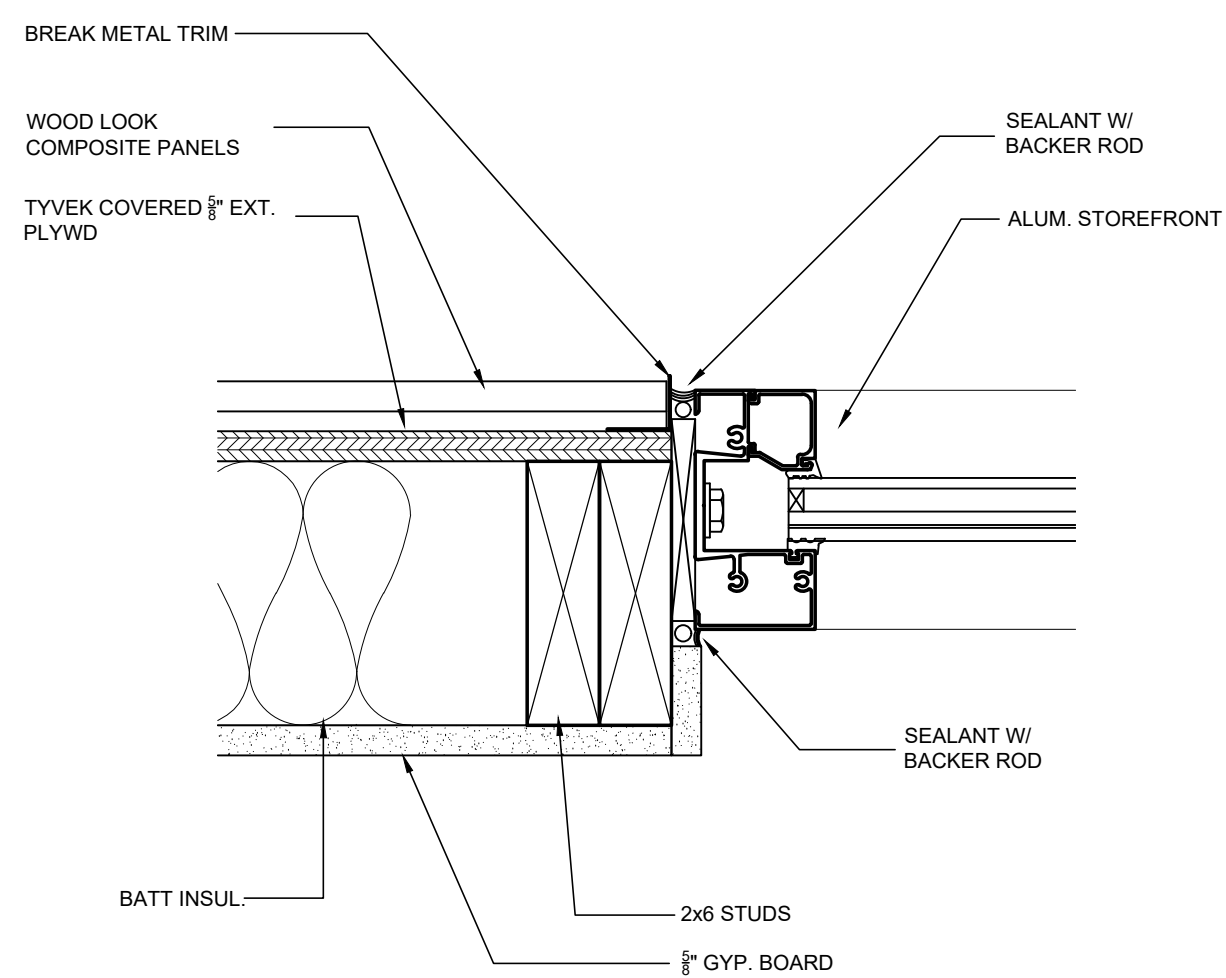
3. WINDOW SILL DETAIL
 SCALE: 3" = 1'-0"



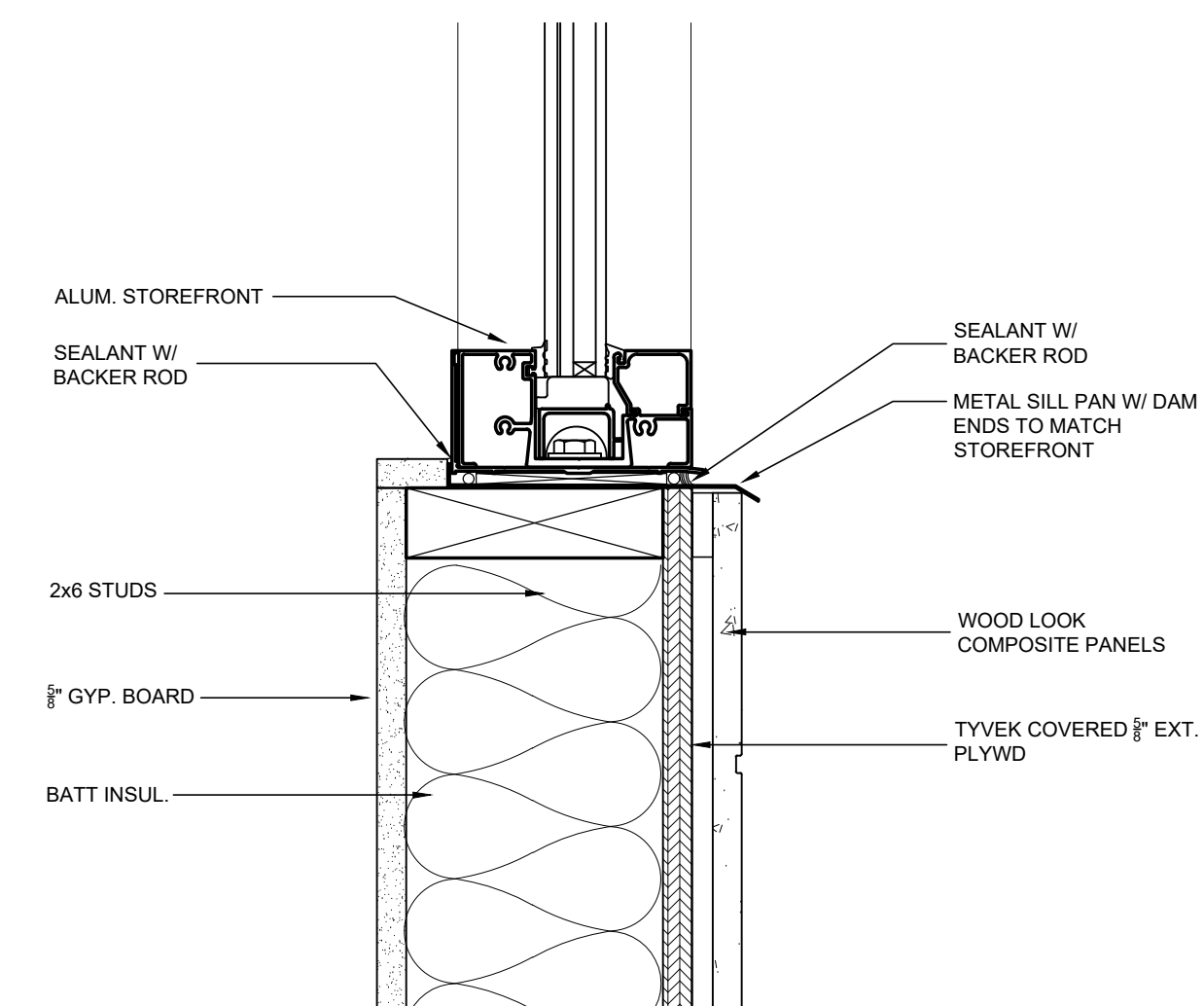
4. WINDOW SILL DETAIL
 SCALE: 3" = 1'-0"



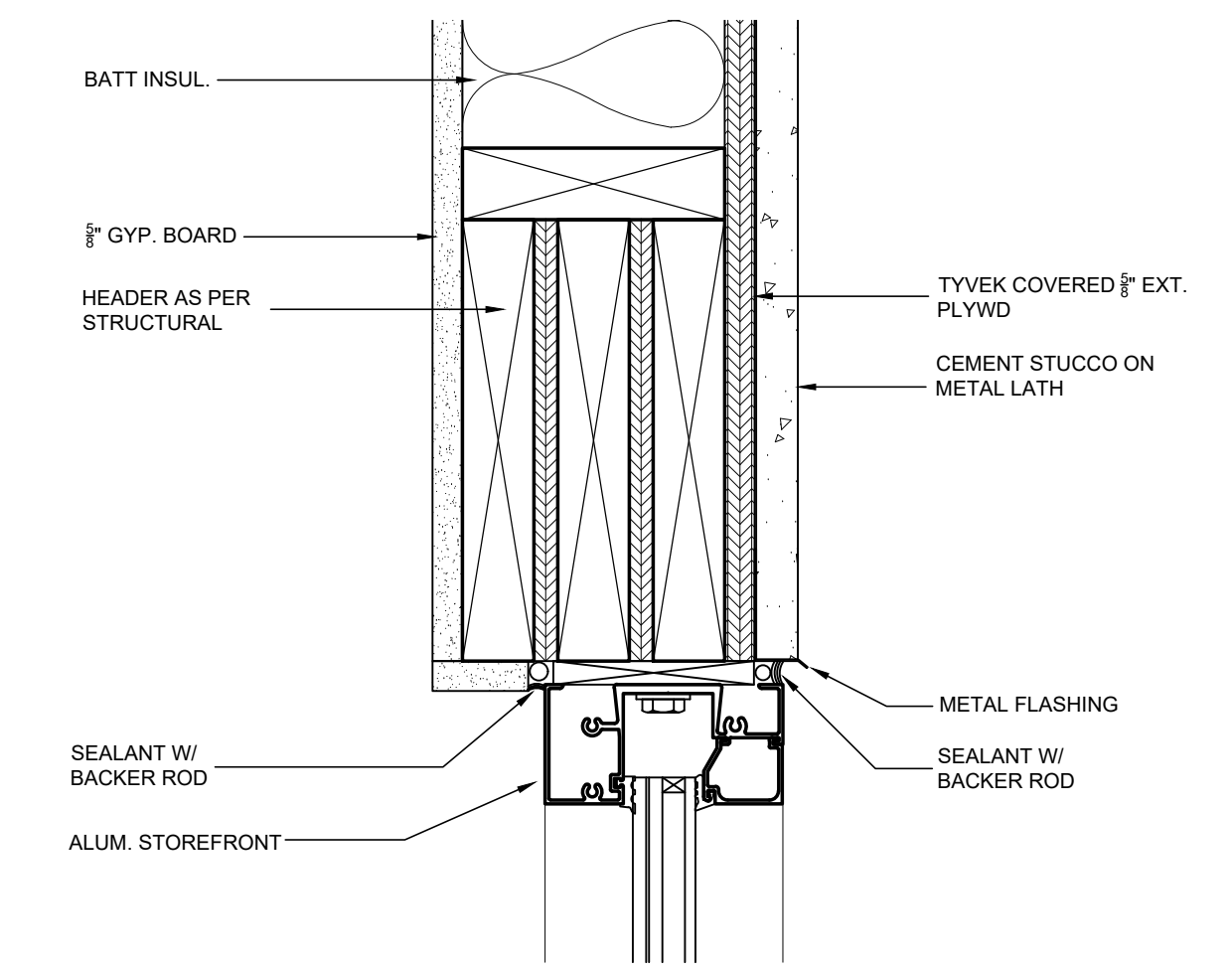
5. WINDOW HEAD DETAIL
 SCALE: 3" = 1'-0"



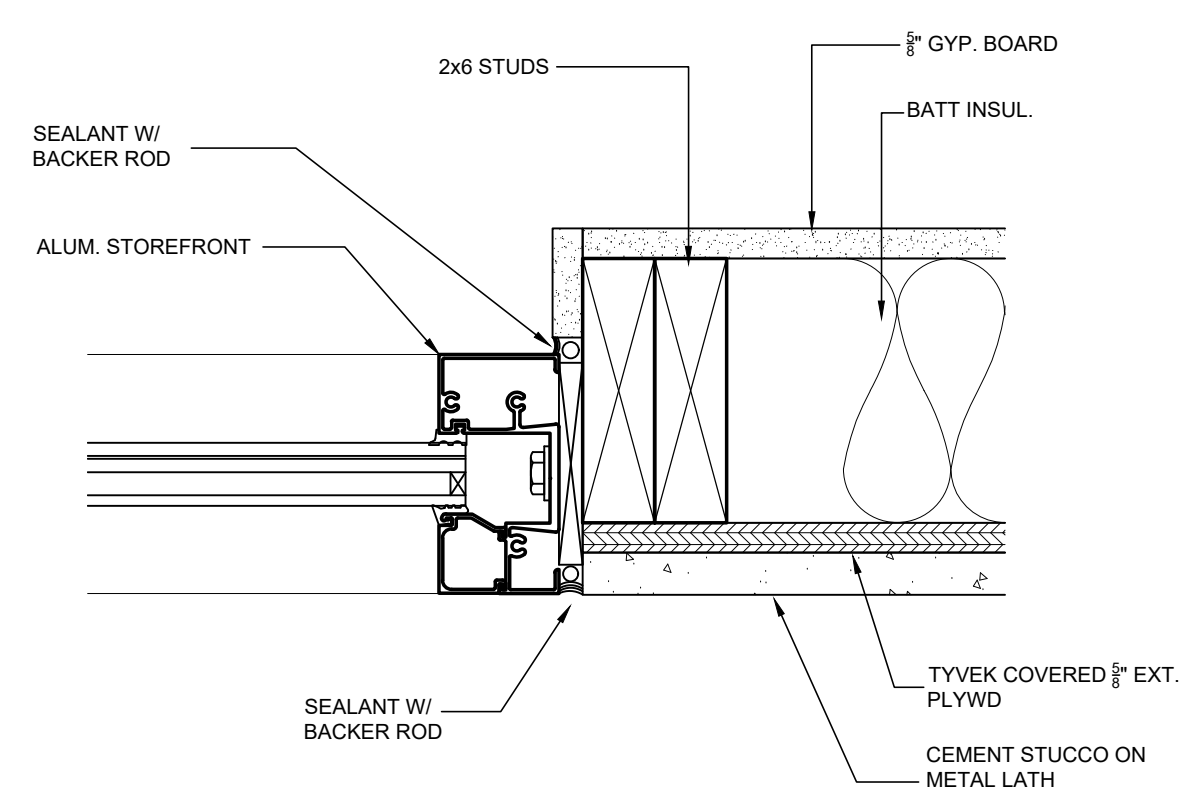
6. WINDOW JAMB DETAIL
 SCALE: 3" = 1'-0"



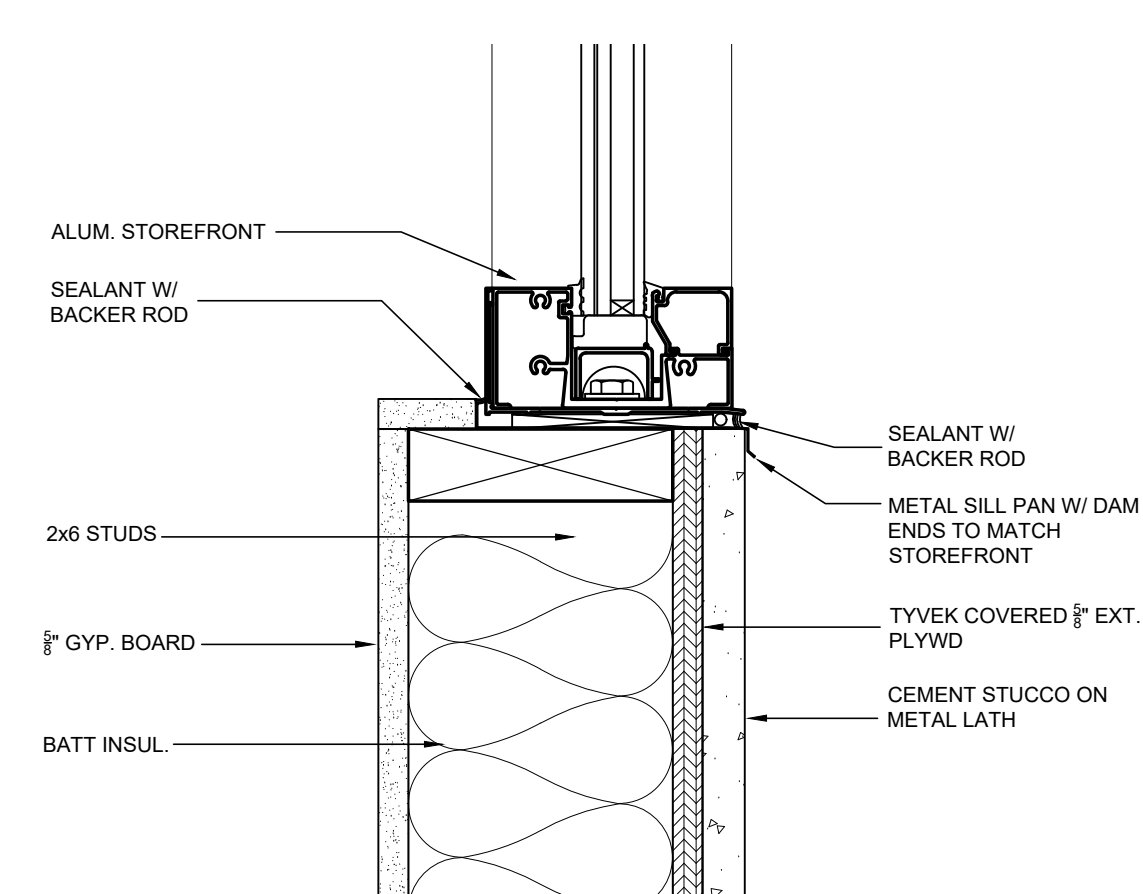
7. WINDOW SILL DETAIL
 SCALE: 3" = 1'-0"



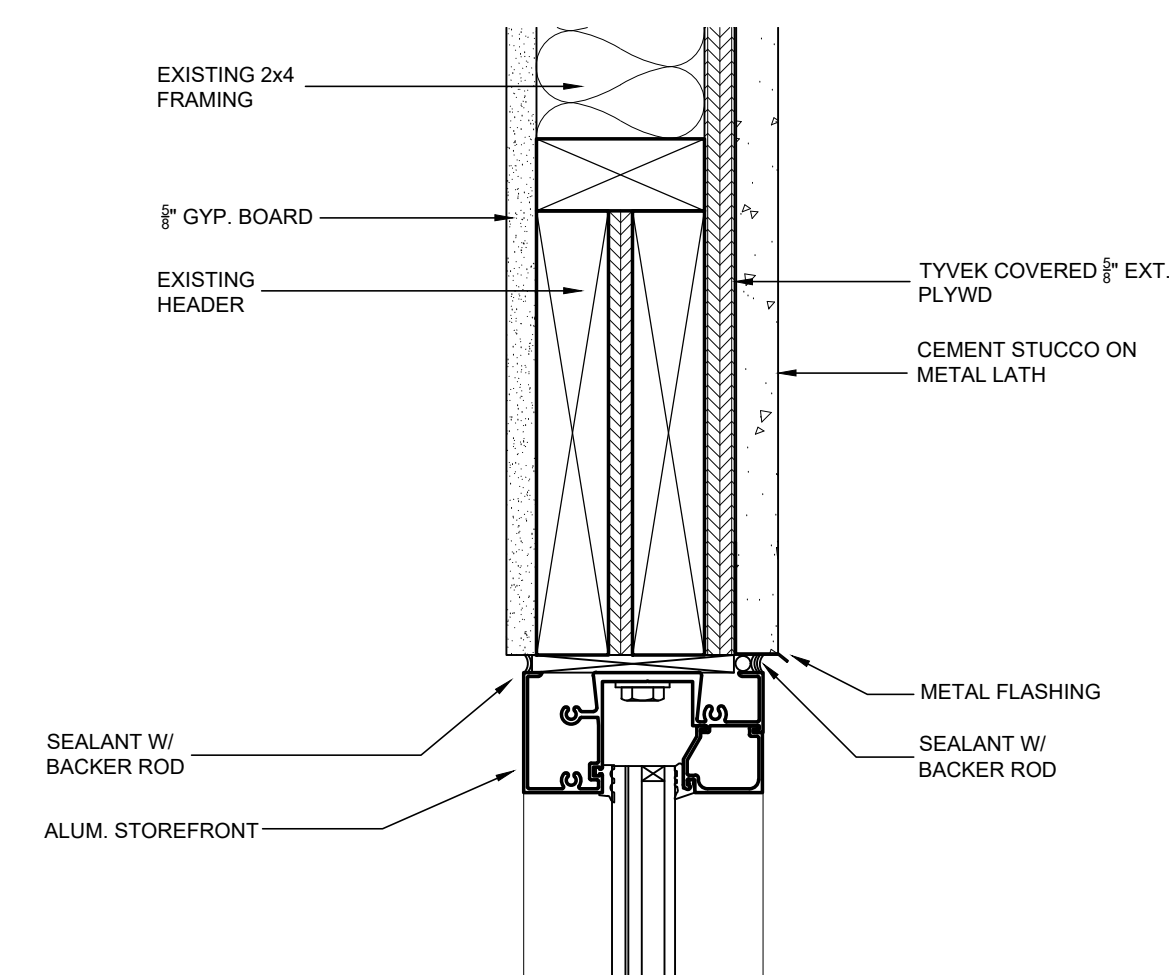
8. WINDOW HEAD DETAIL
 SCALE: 3" = 1'-0"



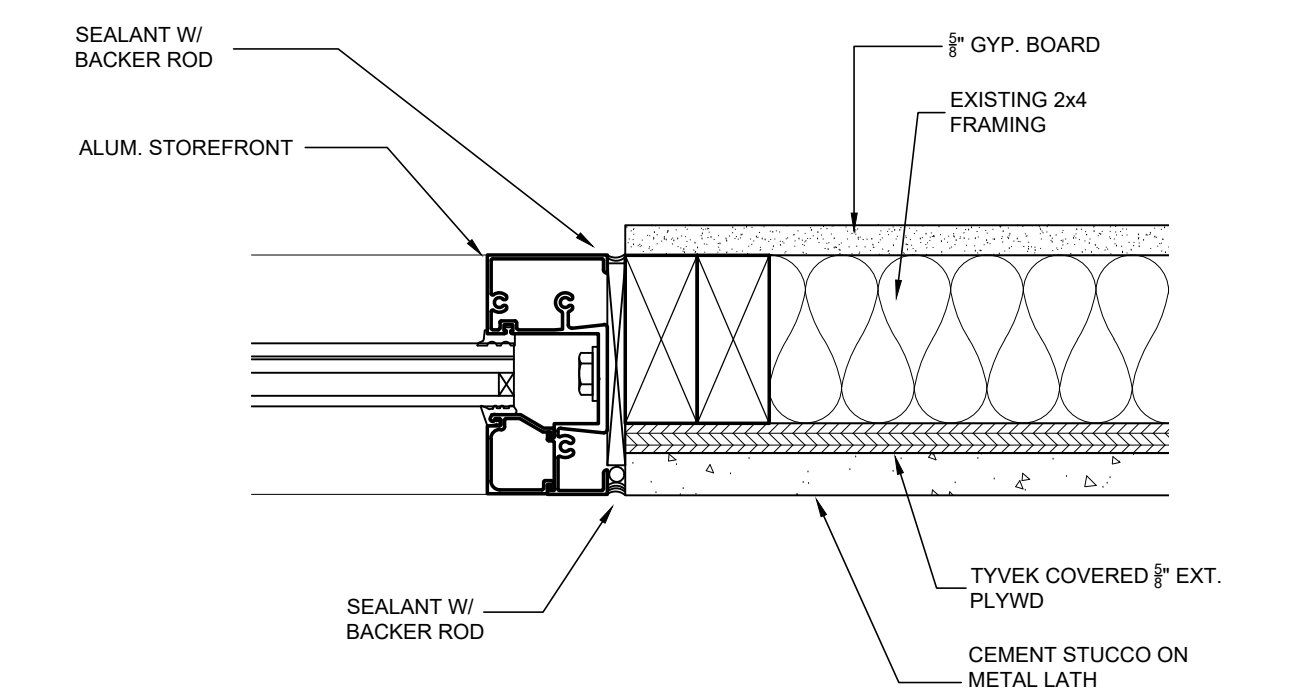
9. WINDOW JAMB DETAIL
 SCALE: 3" = 1'-0"



10. WINDOW SILL DETAIL
 SCALE: 3" = 1'-0"

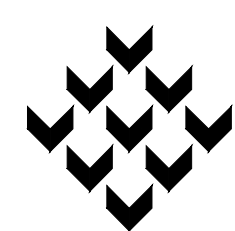


11. WINDOW HEAD DETAIL
 SCALE: 3" = 1'-0"



12. WINDOW JAMB DETAIL
 SCALE: 3" = 1'-0"

project 1225
 date 01.19.26
 revisions



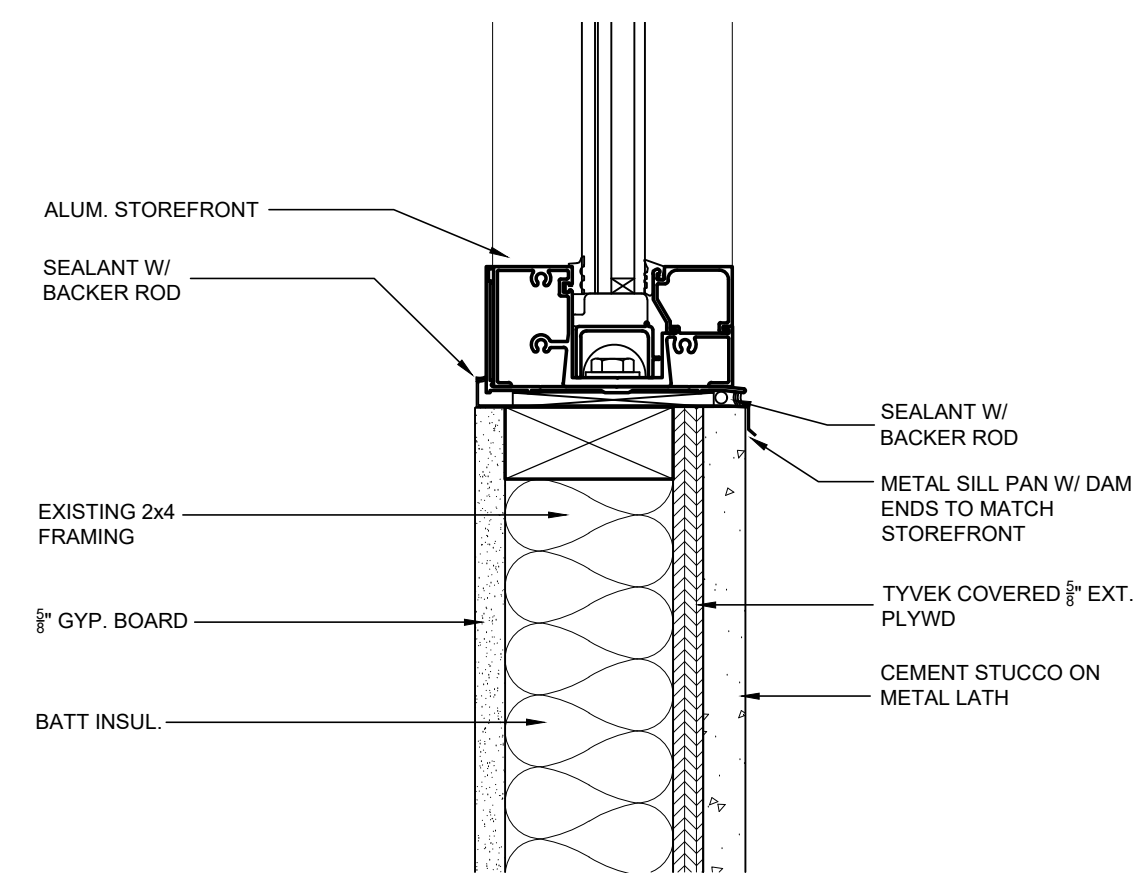
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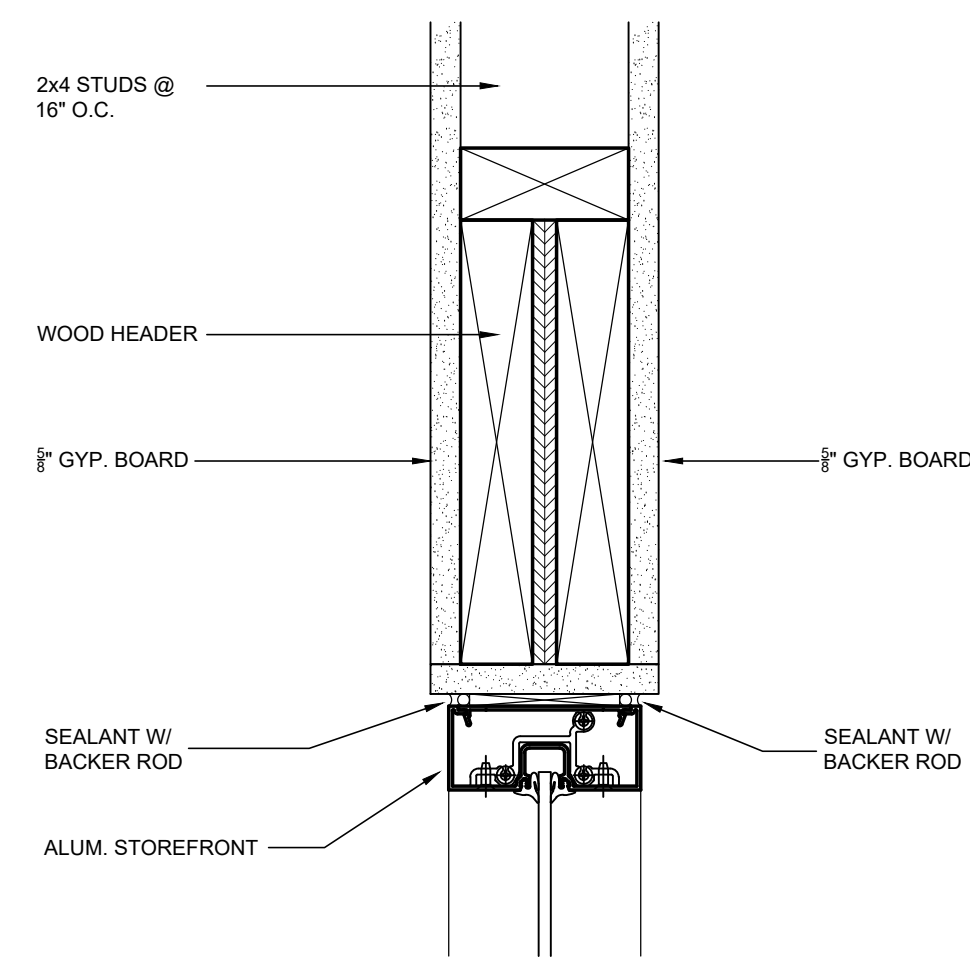
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
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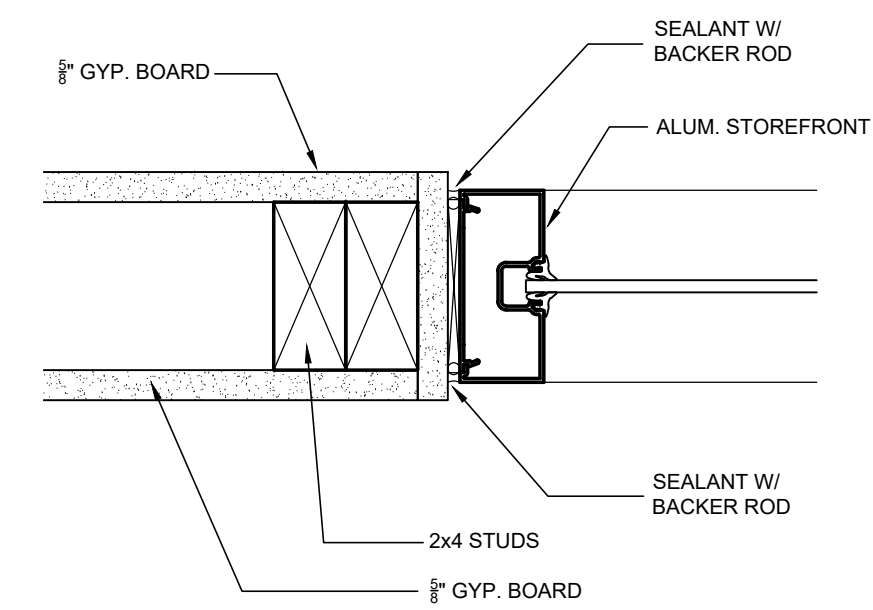
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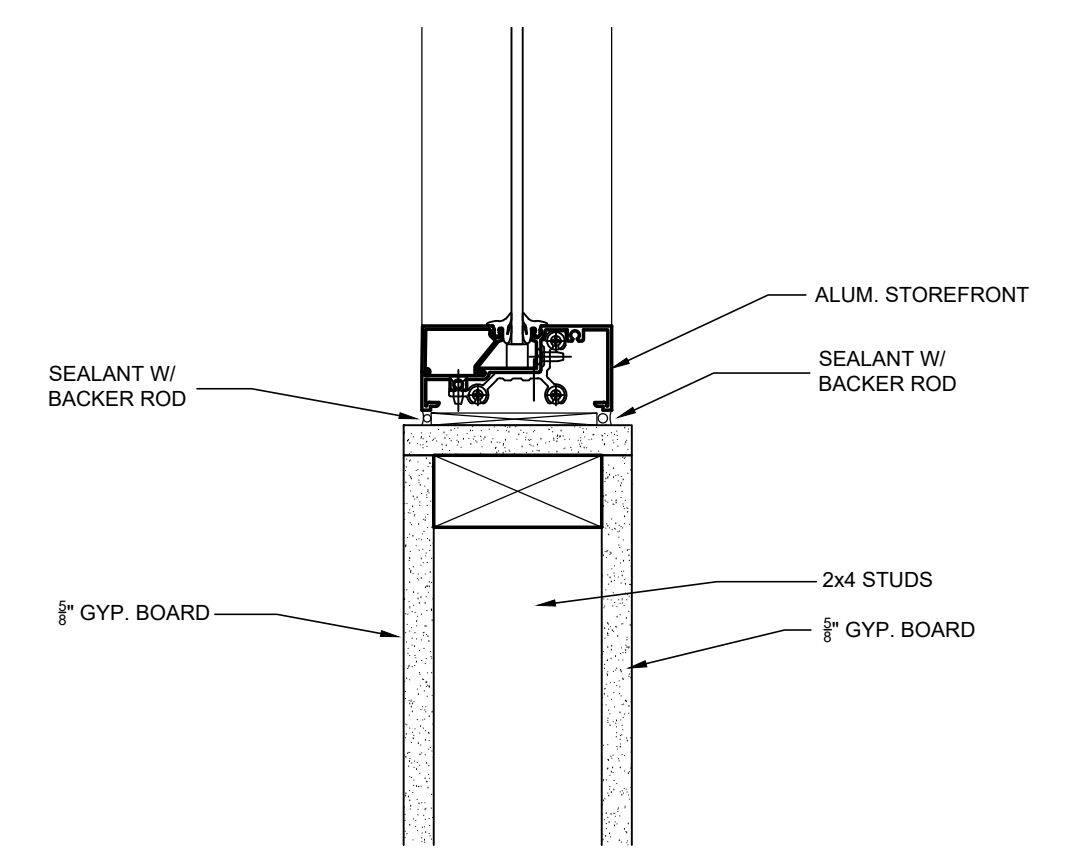
1. WINDOW SILL DETAIL
SCALE: 3" = 1'-0"



2. WINDOW HEAD DETAIL
SCALE: 3" = 1'-0"

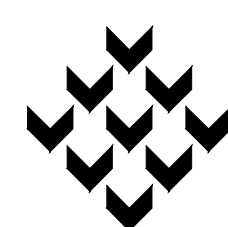


3. WINDOW JAMB DETAIL
SCALE: 3" = 1'-0"



3. WINDOW SILL DETAIL
SCALE: 3" = 1'-0"

project 1225
date 01.19.26
revisions



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Mandeville Louisiana



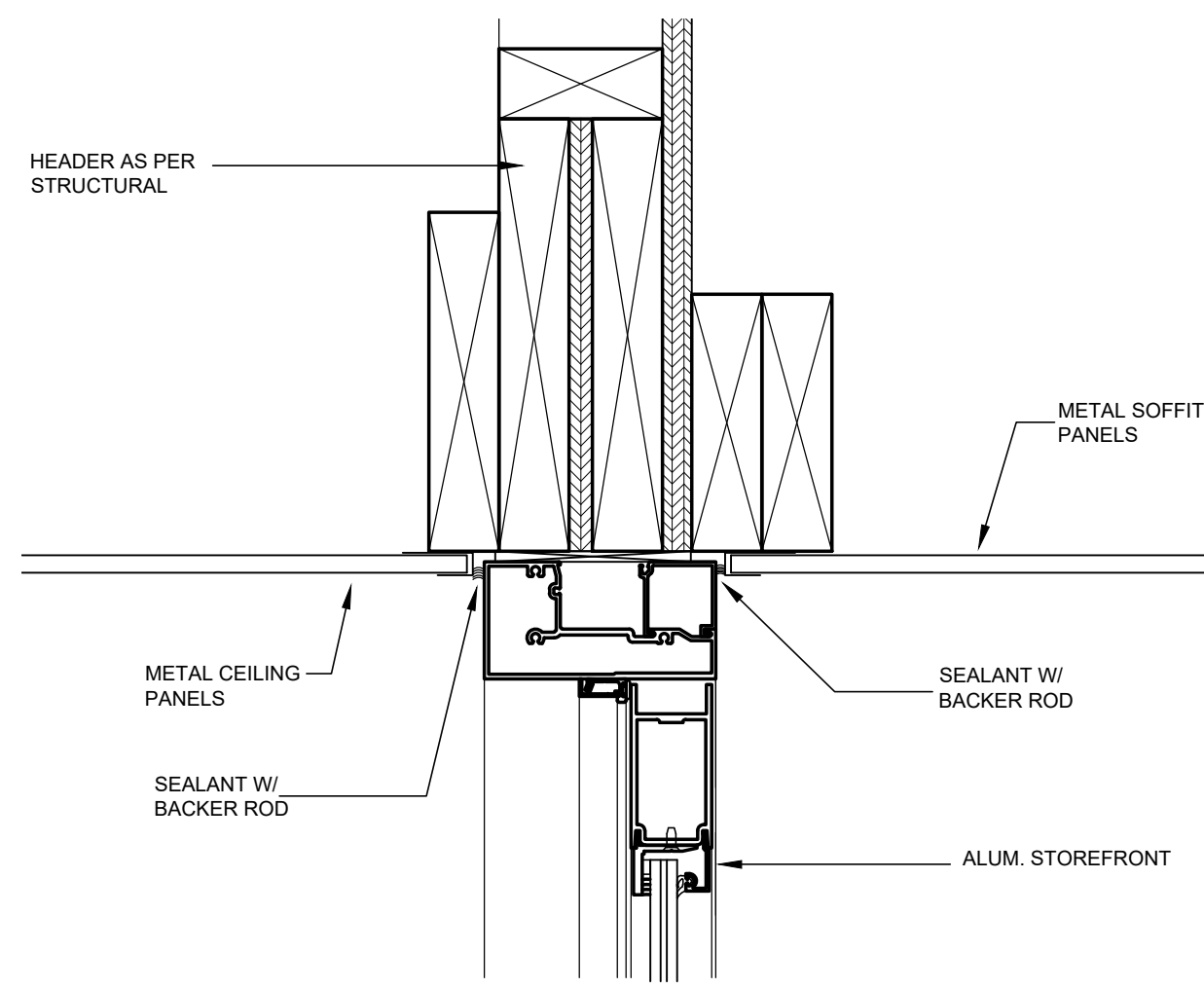
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RENOVATIONS AND ADDITIONS
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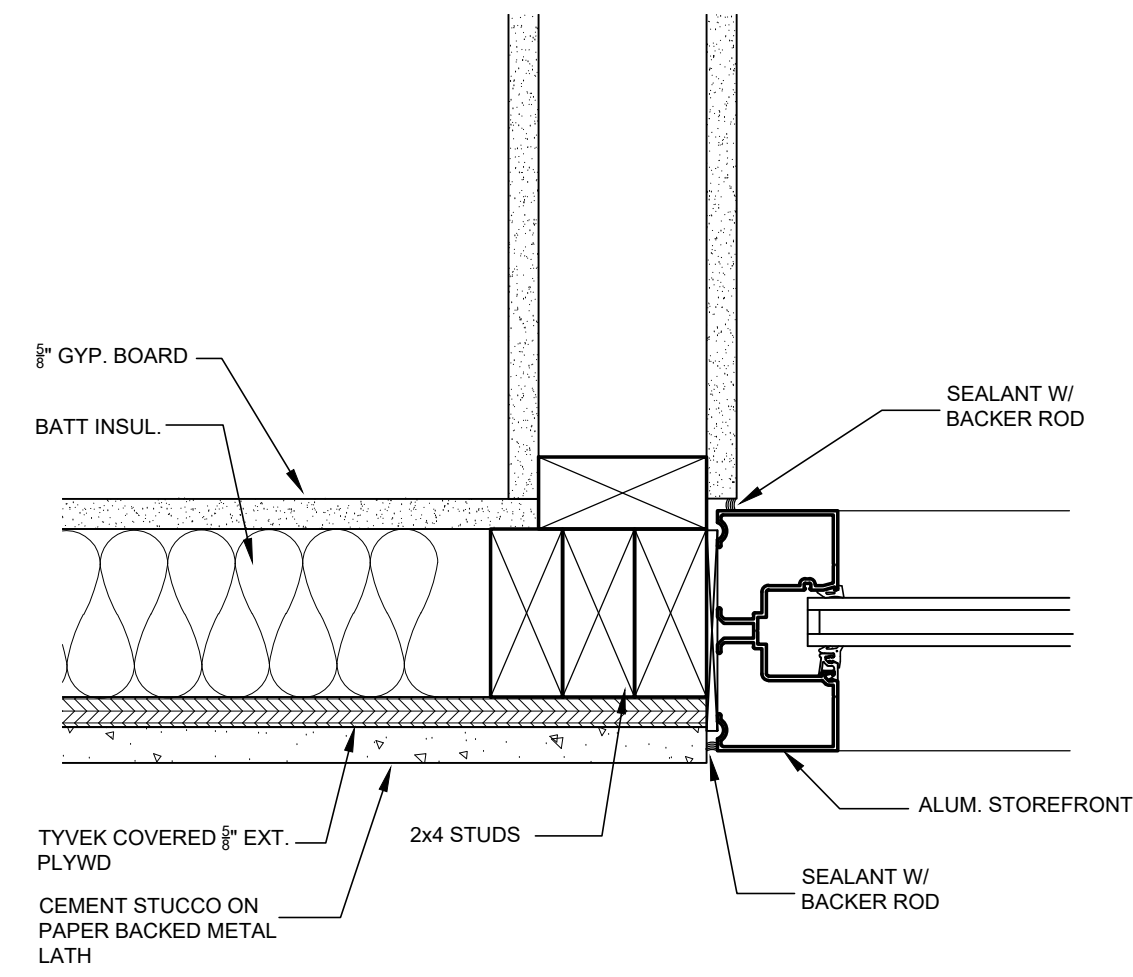
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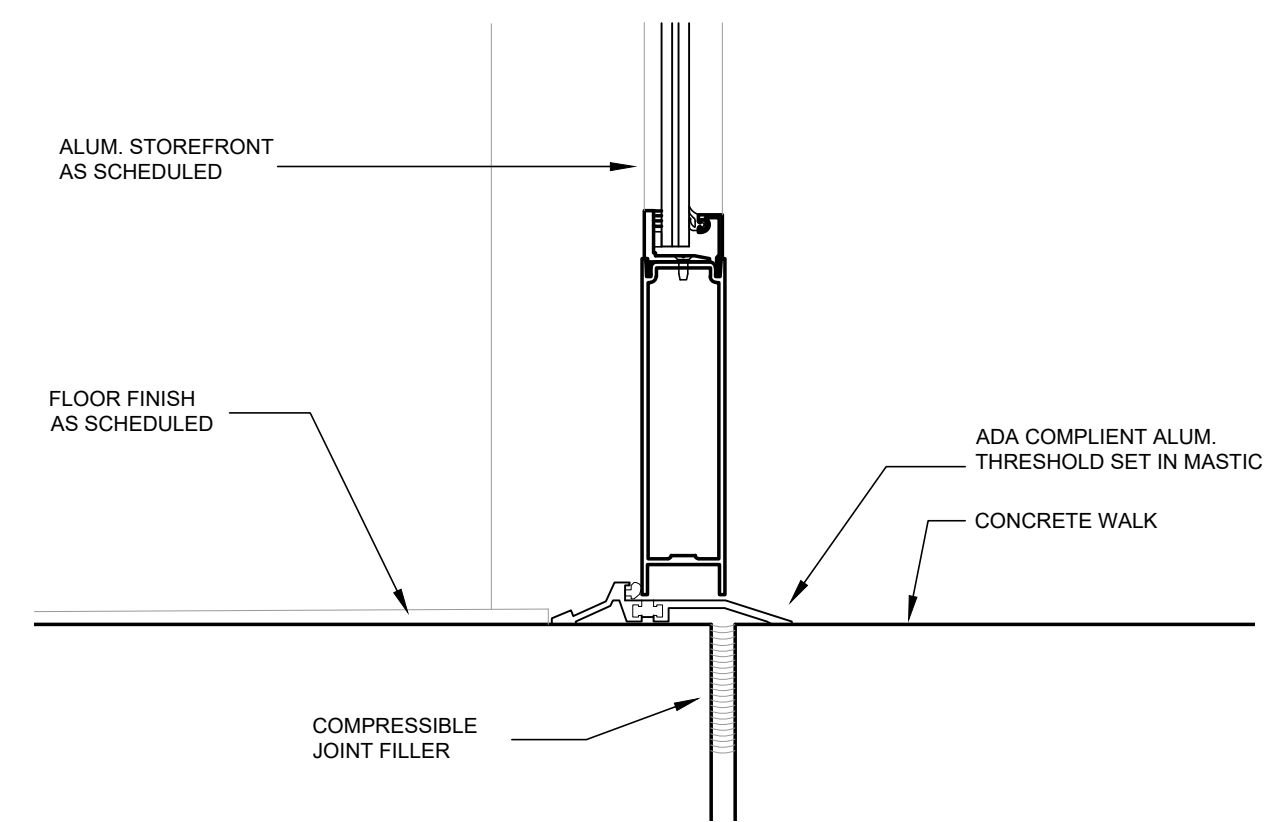
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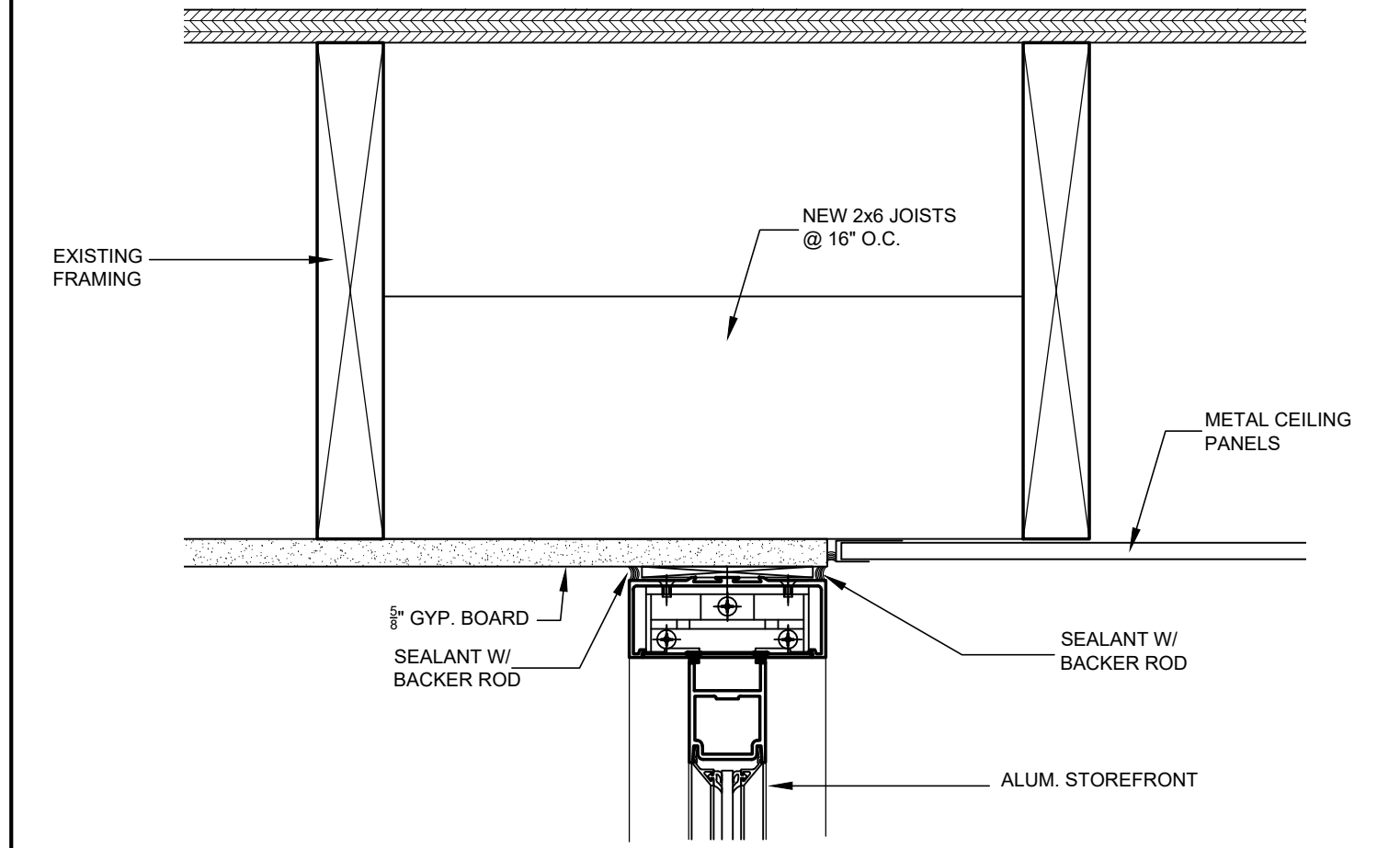
1. DOOR HEAD DETAIL
SCALE: 3" = 1'-0"



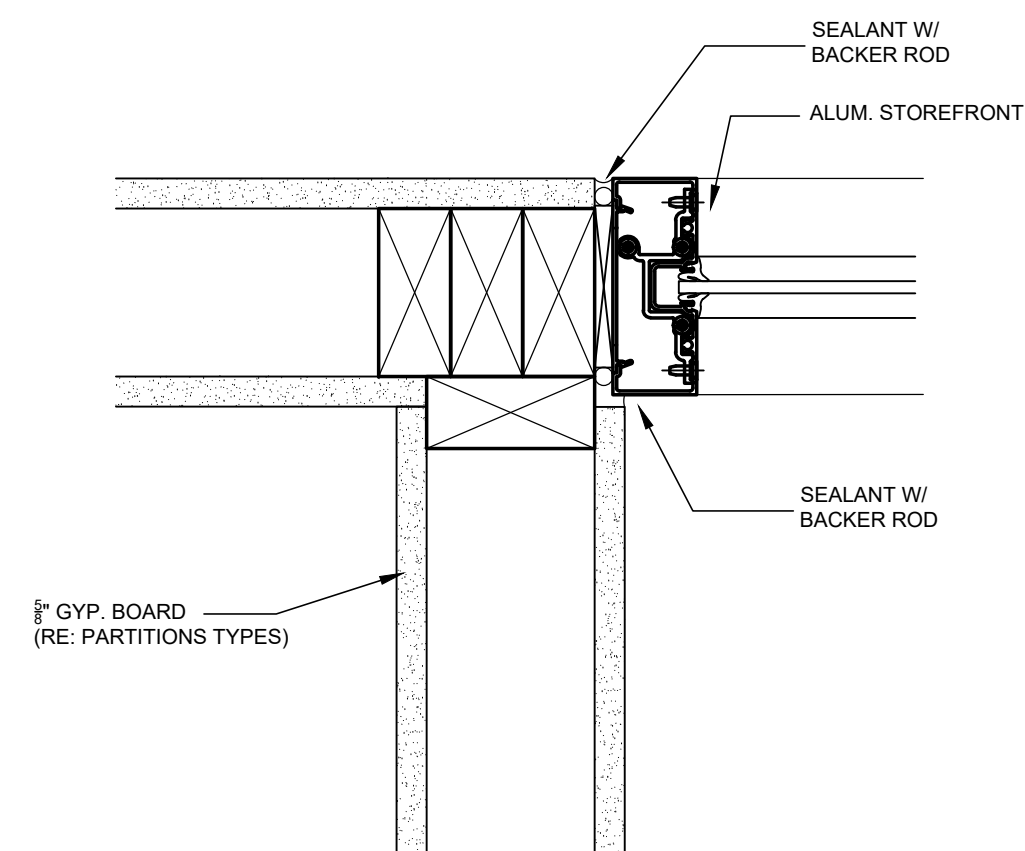
2. DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



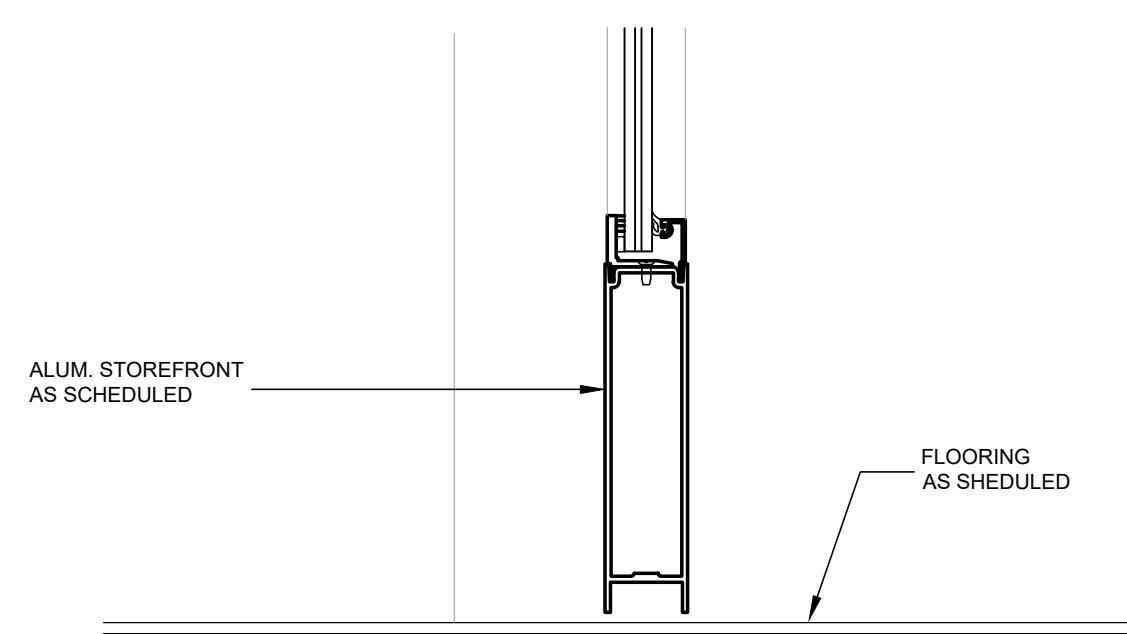
3. DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"



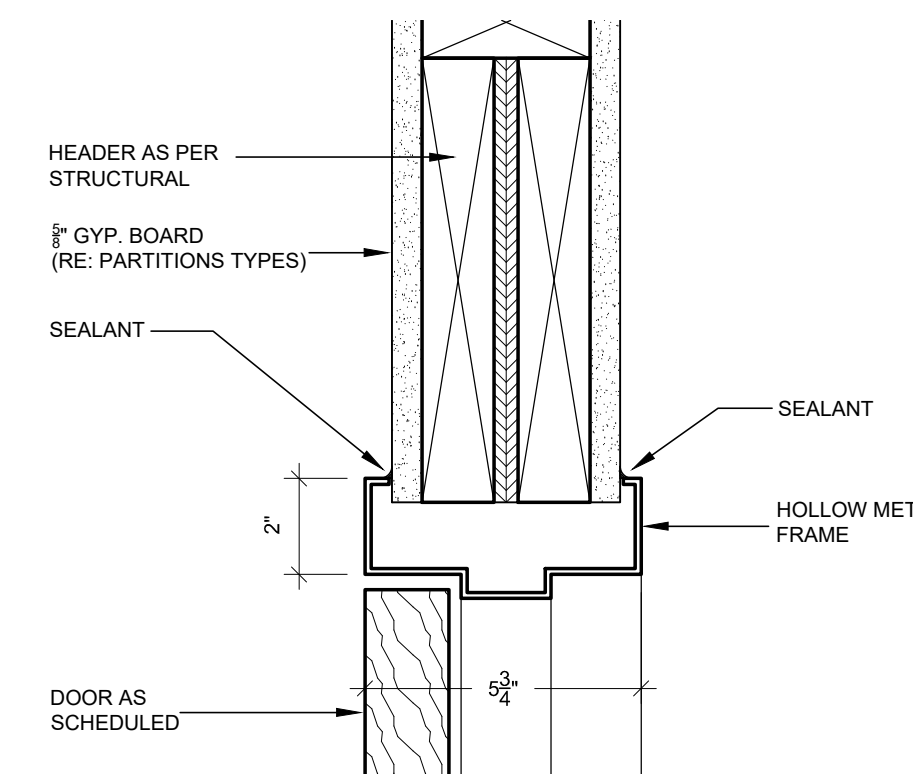
4. DOOR HEAD DETAIL
SCALE: 3" = 1'-0"



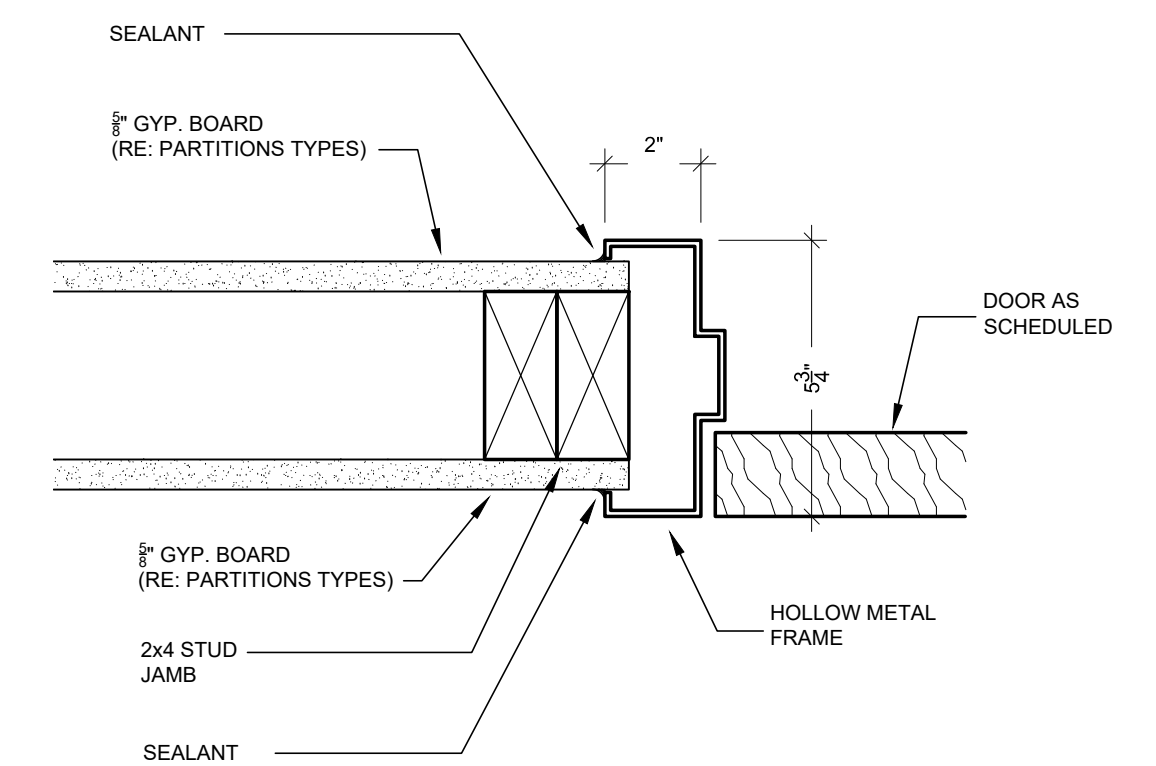
5. DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



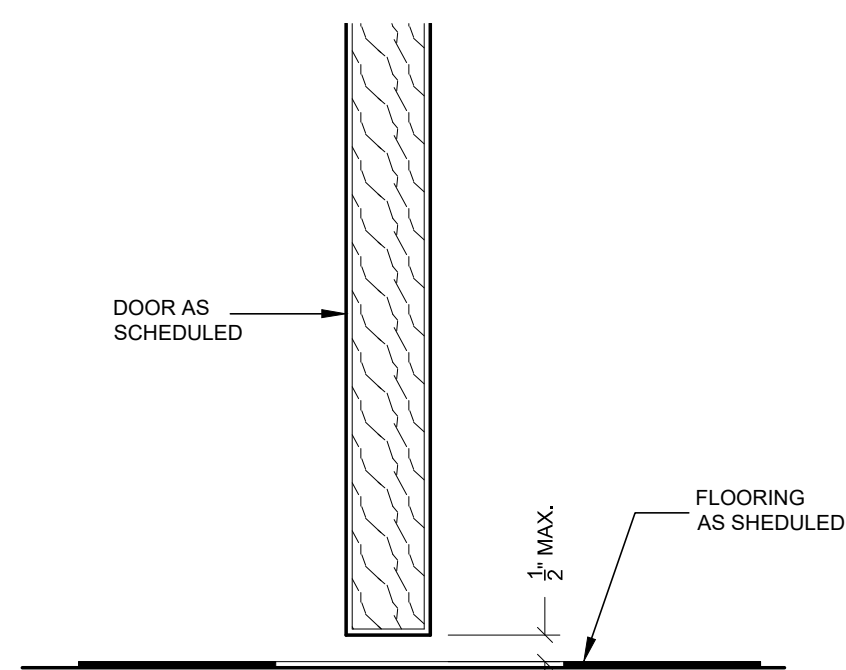
6. DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"



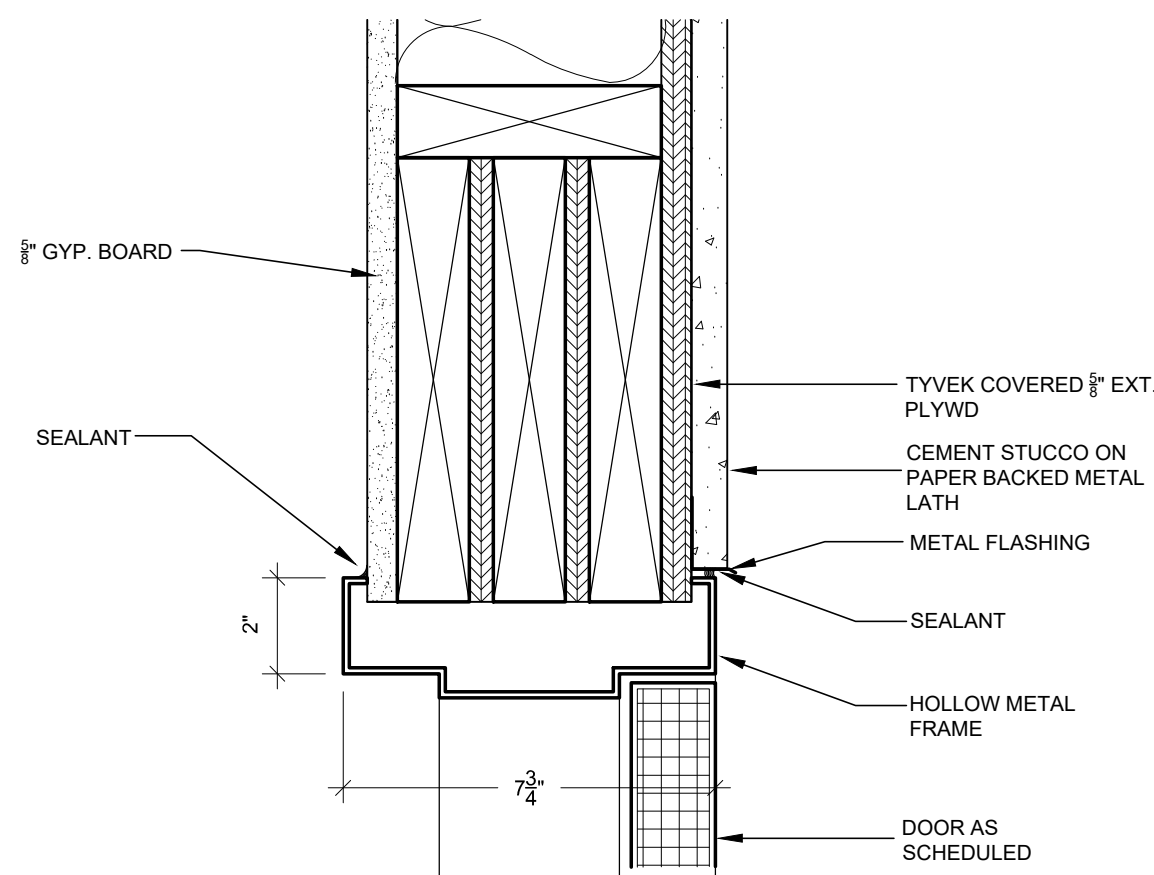
7. DOOR HEAD DETAIL
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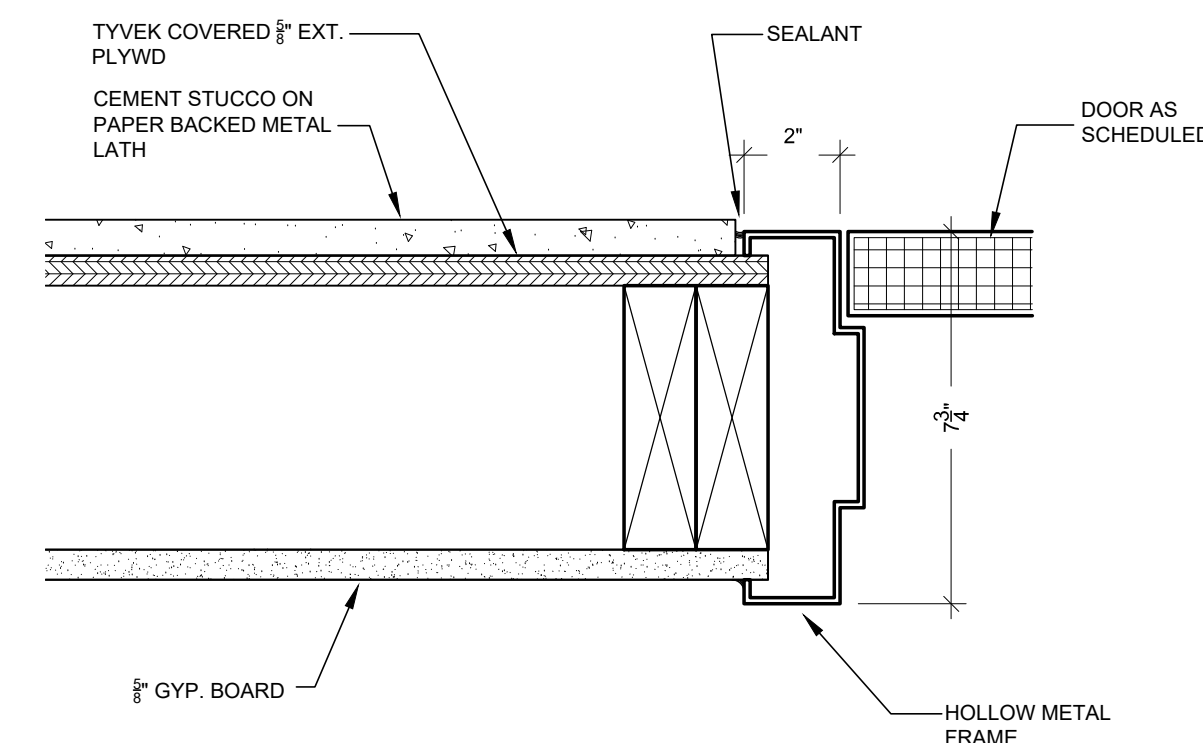
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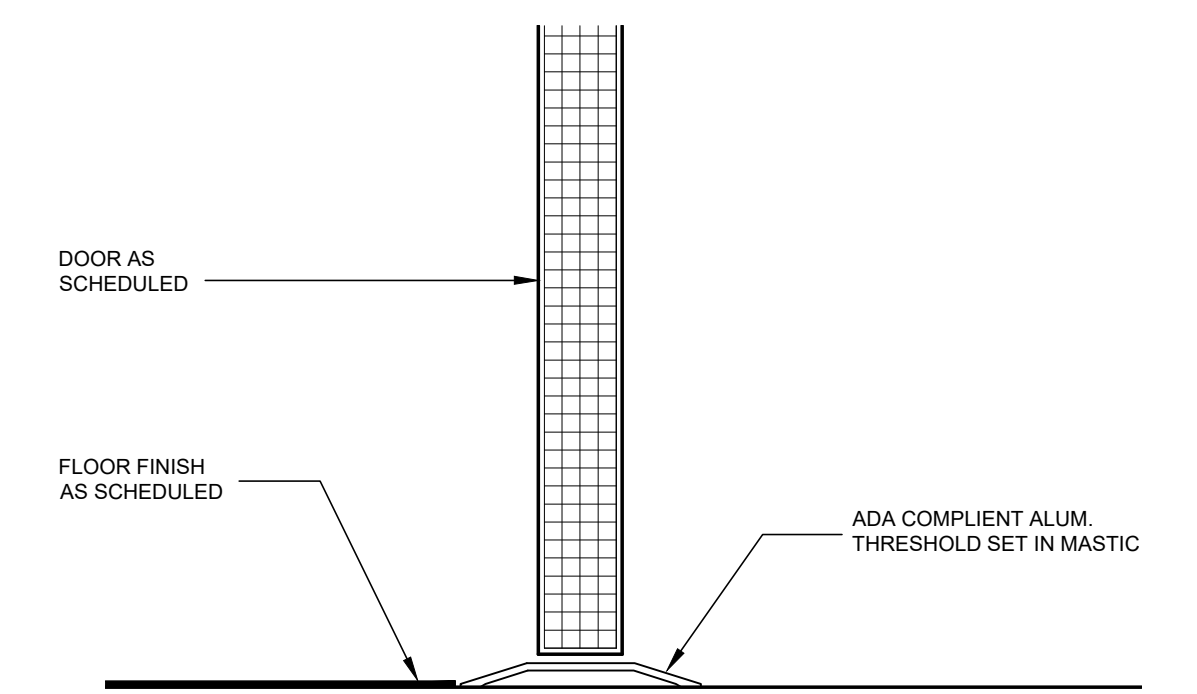
9. DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"



10. DOOR HEAD DETAIL
SCALE: 3" = 1'-0"

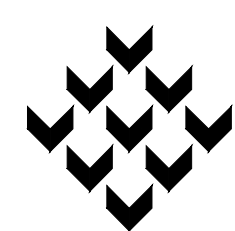


11. DOOR JAMB DETAIL
SCALE: 3" = 1'-0"



12. DOOR THRESHOLD DETAIL
SCALE: 3" = 1'-0"

project 1225
date 01.19.26
revisions



Piazza Architecture Planning APAC
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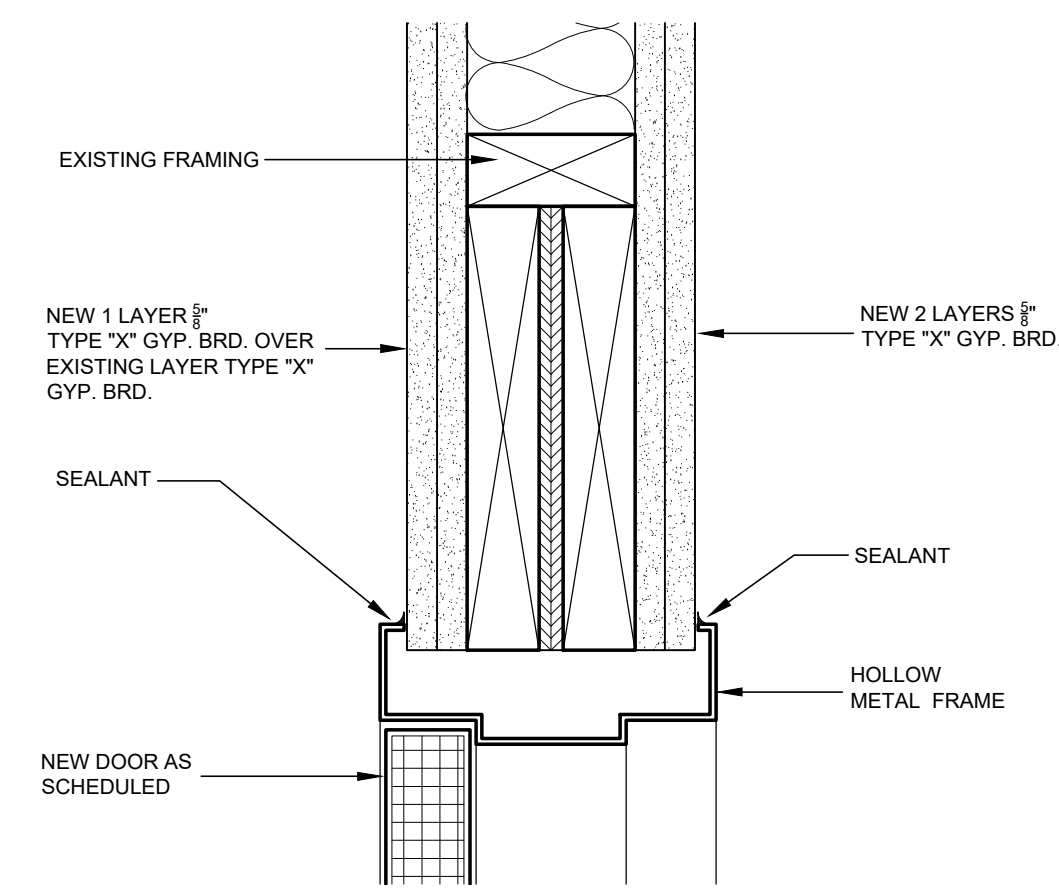
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

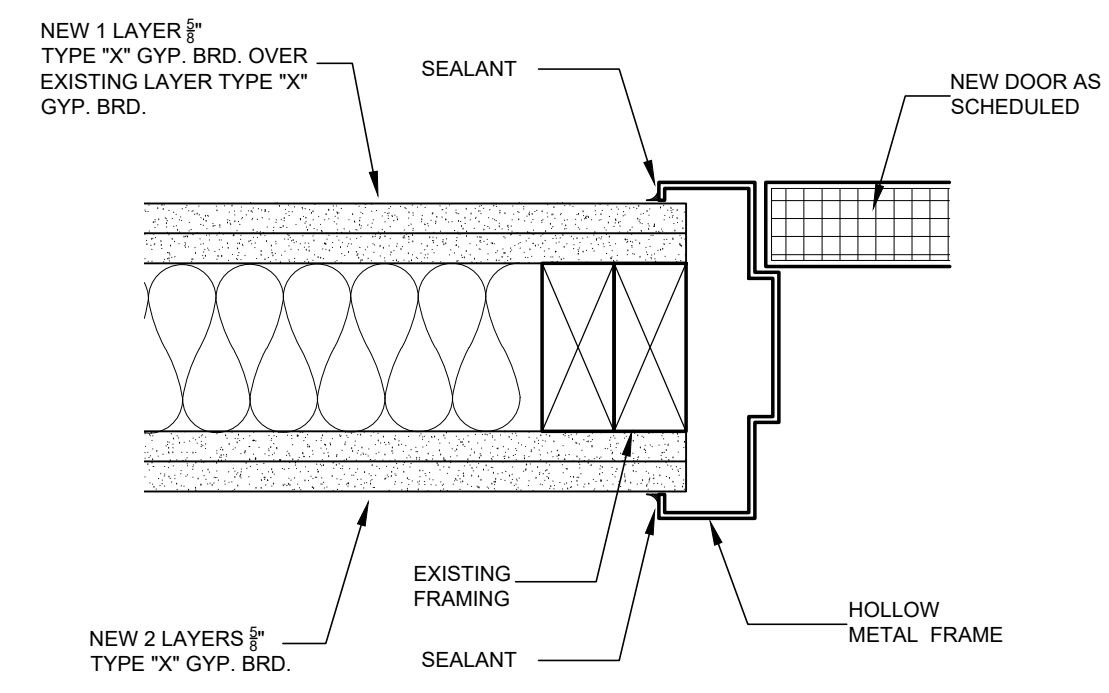
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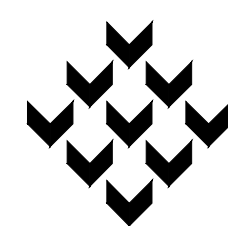


1. DOOR HEAD DETAIL
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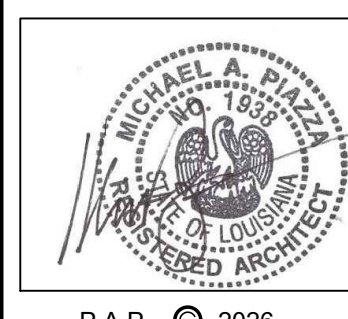


2. DOOR JAMB DETAIL
SCALE: 3" = 1'-0"

project 1225
date 01.19.26
revisions



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A16.2

of

GENERAL NOTES

- ALL WORK MUST CONFORM TO THE REQUIREMENTS OF ST. TAMMANY PARISH AND THE LA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.
- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CAREFULLY VERIFY SAME AND TAKE THE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UTILITIES. CONTRACTOR SHALL CONTACT LA ONE CALL TO HAVE ALL EXISTING UTILITIES LOCATED.
- CONTRACTOR SHALL VERIFY TOP-CASTING AND INVERT ELEVATIONS PRIOR TO ORDERING MANHOLES/CATCH BASINS.
- DAMAGES TO EXISTING STREETS, DRAINAGE, OTHER UTILITY STRUCTURES, AND RESIDENT PROPERTIES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR TO ORIGINAL AND/OR BETTER CONDITIONS TO THE SATISFACTION OF THE OWNERS.
- CONTRACTOR SHALL NOT DAMAGE TREES TO REMAIN. IF DAMAGED, CONTRACTOR SHALL REPLACE AT HIS OWN COST. THE CONTRACTOR SHALL PROVIDE A LOUISIANA LICENSED ARBORIST TO PERFORM NECESSARY TREE TRIMMING, ROOT PRUNING, OR RECOMMENDATION OF REMOVAL OF ANY TREE GREATER THAN 12" CALIPER PRIOR TO BEGINNING EXCAVATION. CONTRACTOR SHALL USE A CHAIN SAW TO CUT ROOTS OF TREES EXPOSED DURING EXCAVATION AND COORDINATE WITH OWNER. CONTRACTOR SHALL NOT BREAK ROOTS BY PULLING THEM WITH DIGGING MACHINES. ROOTS AND BRANCH PROTECTANT SHALL BE SPRAYED OR PAINTED ON BRANCHES OR ROOTS WHICH HAVE BEEN CUT.
- PROTECT ALL EXISTING TREES, PLANTING AND LAWNS FROM DAMAGE. ALL STREET SIGNS, FENCES, SHRUBBERY, ETC. RELOCATED DURING CONSTRUCTION SHALL BE RETURNED TO THEIR ORIGINAL LOCATION AND IN ORIGINAL CONDITIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER. STATE AND PARISH RIGHTS-OF-WAY AND ALL SERVITUDE SHALL BE CLEARED OF TREES AND OBSTRUCTIONS THAT INTERFERE WITH CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN SERVICES, SUPPLYING MATERIALS, AND LABOR NECESSARY TO PROVIDE SHEETING, SHORING, AND BRACING OR SUPPORTS AS REQUIRED TO PROVIDE SAFE WORKING CONDITIONS FOR CONTRACTOR'S PERSONNEL AND TO PROVIDE FOR PROTECTION OF UTILITIES, BUILDINGS, LEVEES, AND STRUCTURES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THESE REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE SYSTEM TO WITHSTAND LATERAL PRESSURE. SHEET DESIGN AND INSTALLATION SHALL BE INCLUDED IN THE COST OF THE PIPE OR STRUCTURAL INSTALLATION.
- CONTRACTOR SHALL RE-GRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. WORK SHALL BE IN A WORKMAN LIKE MANNER AND IN ACCORDANCE WITH A/E REQUIREMENTS. IF CONTRACTOR DETERMINES THAT ANY AREAS AFFECTED BY CONSTRUCTION CANNOT BE RE-GRADED TO DRAIN, CONTRACTOR SHALL DOCUMENT (I.E., TAKE ELEVATIONS, PICTURES, ETC.) EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- ALL DRIVEWAYS DISRUPTED BY EXCAVATION SHALL BE RESTORED USING LIKE MATERIAL TO ORIGINAL OR BETTER CONDITION.
- CONTRACTOR SHALL GIVE THOSE AFFECTED BY CONSTRUCTION 24 HOURS NOTICE PRIOR TO DISRUPTION OF DRIVEWAYS. DRIVEWAYS AND STREETS SHALL NOT REMAIN CLOSED OVERNIGHT.
- CONTRACTOR SHALL NOTIFY THOSE AFFECTED BY CONSTRUCTION 24 HOURS PRIOR TO DISRUPTION OF WATER, SEWER OR OTHER UTILITY SERVICE. UTILITY SERVICES SHALL BE PROMPTLY REPAIRED AND NOT REMAIN OUT OF SERVICE OVERNIGHT.
- CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATIONS AS TO ENSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC AND ADJACENT PROPERTY OWNERS.
 - CONTRACTOR SHALL PROVIDE ACCESS TO COMMERCIAL/INDUSTRIAL PROPERTIES AT ALL TIMES.
 - CONTRACTOR SHALL PROVIDE ACCESS TO RESIDENTIAL PROPERTIES AT ALL TIMES. VEHICULAR ACCESS SHALL BE PROVIDED AS DIRECTED BY ENGINEER. UPON APPROVAL BY ENGINEER, VEHICULAR ACCESS MAY BE LIMITED DURING PAVING OF DRIVEWAYS. CONTRACTOR SHALL CONTACT AND ADVISE ALL AFFECTED PROPERTY OWNERS.
- CONTRACTOR SHALL COORDINATE AND PAY FOR THE DE-ENERGIZING AND RE-ENERGIZING OF POWER LINES FOR CONSTRUCTION PURPOSES AS REQUIRED BY LOCAL, STATE, AND FEDERAL AGENCIES.
- CONTRACTOR SHALL BRACE UTILITY POLES ADJACENT TO EXCAVATION. BRACING SHALL REMAIN IN PLACE AFTER BACKFILLING UNTIL COMPACTION STANDARDS HAVE BEEN MET. COMPLETE WORK PROMPTLY ONCE EXCAVATION HAS BEGUN ADJACENT TO POLES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE DIRECTLY WITH THE APPROPRIATE UTILITY COMPANIES TO HAVE THE UTILITIES RELOCATED.
- BACKFILL ALL UTILITY CROSSINGS, EXCAVATION UNDER THE ROADWAY AND SHOULDER WITH GRANULAR MATERIAL.
- PRIOR TO PRE-CONSTRUCTION MEETING, THE CONTRACTOR SHALL VERIFY EXISTING INVERTS AND TIE-INS. IF DISCREPANCIES ARE FOUND, NOTIFY CIVIL ENGINEER IMMEDIATELY TO DETERMINE ANY REQUIRED ADJUSTMENTS.
- ALL ELEVATIONS REFER TO OWNER-PROVIDED SURVEY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND ABIDING BY REQUIRED LA DEQ STORMWATER DISCHARGE PERMIT FOR CONSTRUCTION ACTIVITIES.

DRAINAGE NOTES

- ALL DRAIN PIPE AND FITTINGS SHALL BE PVC SCHEDULE 40 SOLID WALL PIPE, IPS, PER ASTM D1785 AND ASTM D2665.
- PVC CATCH BASINS SHALL BE 18"x18" ONE-PIECE TAPERED CATCH BASINS, STRUCTURAL FOAM POLYOLEFIN BY NDS OR APPROVED EQUAL. ADDITIONAL RISERS SHALL BE UTILIZED AS NECESSARY TO ACHIEVE ELEVATIONS INDICATED ON PLANS. GRATES SHALL BE 18" SQUARE STRUCTURAL FOAM POLYOLEFIN GRATE WITH UV INHIBITOR. COLOR SHALL BE SELECTED BY ARCHITECT FROM STANDARD AVAILABLE COLORS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF CATCH BASIN.
- ALL DITCHES AND CANAL SIDE SLOPES SHALL BE HYDRO-SEEDED, SODDED OR APPROVED EQUAL.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SODDED UNLESS RECEIVING NEW LANDSCAPING.
- CONTRACTOR SHALL SUPPLY THE ENGINEER WITH AS-BUILT DRAWINGS UPON COMPLETION OF DRAINAGE WORK.

PAVEMENT NOTES

- IN AREAS TO RECEIVE PAVEMENTS, THE SUBGRADE SHALL BE EXCAVATED AND HAULED OFF TO A DEPTH NECESSARY TO REMOVE NON-STRUCTURAL FILL, ROOTS, ORGANICS AND OTHER DELETERIOUS MATERIALS. ALL EXCAVATION AND BACKFILL FOR PAVEMENT WORK SHALL EXTEND AT LEAST ONE (1) FOOT BEYOND FOOTPRINT OF PAVEMENT. THE AREA SHALL THEN BE PROOF ROLLED TO IDENTIFY ANY WEAK SPOTS PRIOR TO PLACING BASE COURSE. PROOF ROLLING SHALL OCCUR WITHIN 48 HOURS OF THE PLACEMENT OF FILL OVER EXISTING SUBGRADE.
- ALL SUBGRADE MATERIAL WHICH WILL NOT SATISFACTORILY COMPACT SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL THAT WILL COMPACT SATISFACTORILY. TOP 12 INCHES SHALL BE COMPACTED TO 95% STANDARD PROCTOR. WHERE THE SUBGRADE IS OF NON-UNIFORM COMPACTED NATURE, IT SHALL BE SCARIFIED TO A DEPTH OF AT LEAST 6 INCHES FOR ITS FULL WIDTH AND THE MATERIAL SPREAD AND BROUGHT TO LINE AND GRADE AND COMPACTED AS SPECIFIED ABOVE.
- STRUCTURAL FILL SHALL CONSIST OF SANDY CLAYS (CL) OR CLAYEY SANDS (SC) FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS. IMPORTED CLAYEY SOIL SHALL HAVE A LIQUID LIMIT OF LESS THAN 45 AND A PLASTICITY INDEX BETWEEN 8 AND 25.
- BASE COURSE FOR CONCRETE PAVEMENT SHALL CONSIST OF 12 INCHES (MIN.) OF STRUCTURAL FILL AS DESCRIBED ABOVE. ADDITIONAL BASE COURSE OVER THE MINIMUM MAY BE REQUIRED TO BRING PAVEMENT UP TO REQUIRED GRADES. BASE COURSE FOR CONCRETE SIDEWALKS SHALL CONSIST OF 6 INCHES (MIN.) OF STRUCTURAL FILL AS DESCRIBED ABOVE.
- BASE COURSE SHALL BE PLACED IN LOOSE LIFTS NO GREATER THAN 6 INCHES IN THICKNESS AND COMPACTED TO 95% OF ITS MAX. DRY DENSITY NEAR ±2% OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D 698.
- PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH SECTION 901 OF THE LSSRB FOR TYPE B CONCRETE AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI FOR 28 DAYS. CONCRETE FOR SIDEWALKS SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI FOR 28 DAYS.
- CONCRETE PAVEMENT FOR PARKING AND DRIVES SHALL HAVE A MEDIUM-TO-FINE-TEXTURED BROOM TYPE FINISH. CONCRETE SIDEWALKS SHALL HAVE A LIGHT BROOM-TEXTURED FINISH.
- JOINT LAYOUT SHOWN ON DRAWINGS IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONCRETE PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION AS SHOWN ON THE PLANS.
- PAVEMENT SHALL NOT BE OPENED TO TRAFFIC AFTER PLACEMENT UNTIL DESIGN STRENGTH IS MET WITHOUT THE APPROVAL OF THE ENGINEER.
- ALL DRAINAGE AND SEWER STRUCTURES WITHIN THE PAVEMENT AREA SHALL BE BOXED OUT WITH EXPANSION JOINTS.
- NO CONCRETE SHALL BE POURED WITHOUT THE SERVICES OF THE TESTING LAB TECHNICIAN TO WITNESS THE POUR, MAKE SLUMP TESTS AND MAKE TEST CYLINDERS.
- IMMEDIATELY AFTER COMPLETION OF FINISHING OPERATIONS AND AS SOON AS MARRING OF CONCRETE WILL NOT OCCUR, THE PAVEMENT SURFACE SHALL BE CURED BY COVERING WITH A WHITE PIGMENTED CURING COMPOUND IN CONFORMANCE WITH DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES LATEST EDITION.
- JOINT SEALER SHALL BE IN ACCORDANCE WITH SECTION 1005.02 OF DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION). THE SEALANT AND BACKER MATERIALS SHALL BE APPROVED PRODUCTS LISTED IN DOTD'S QUALIFIED PRODUCT LIST 67.
- JOINTS ENDING AT CURVES SHALL BE CARRIED ONTO THE CURB AND PAVEMENT AT RIGHT ANGLES TO THE TANGENT AT THAT POINT.
- AN APPROVED TESTING LABORATORY, SELECTED BY THE OWNER, SHALL BE RETAINED BY THE CONTRACTOR AND SHALL PROVIDE ALL REQUIRED TESTING. TEST REPORTS MUST BE FURNISHED TO THE ENGINEER AND CONTRACTOR.
- CONTRACTOR SHALL PROVIDE MEANS FOR TEMPORARY DRAINAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL INSTALL CONCRETE SIDEWALK AT GRADES SHOWN AND SHALL COMPLY WITH ALL APPLICABLE ADA STANDARDS.
- CONTRACTOR SHALL ADJUST GRADE BREAK LOCATIONS OF SIDEWALKS TO COINCIDE WITH NECESSARY JOINT SPACING AS LONG AS ADA REQUIREMENTS ARE MET.
- CONTRACTOR SHALL BACKFILL AND GRADE BEHIND CONCRETE SIDEWALKS TO ALLOW FOR POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.

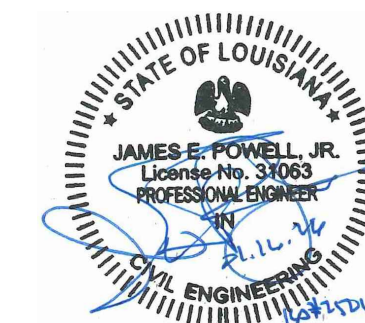
REQUIRED TESTING SERVICES

- THE FOLLOWING TESTING SERVICES SHALL BE PERFORMED BY AN INDEPENDENT TESTING COMPANY AS SELECTED BY THE ENGINEER/OWNER TO ENSURE CONFORMANCE WITH THE PLANS AND SPECIFICATIONS. ALL FEES ASSOCIATED WITH REQUIRED TESTING SHALL BE PAID FOR DIRECTLY BY THE CONTRACTOR.
- BASE COURSE/STRUCTURAL FILL:
 - PICK-UP OF SAMPLES OF PROPOSED BASE COURSE MATERIALS, INCLUDING BEDDING AND BACKFILL MATERIAL FOR DRAINAGE PIPE AND STRUCTURES.
 - IN-LAB GRADATION AND PROCTOR TESTING OF SAMPLES FOR CONFORMANCE WITH SPECIFICATIONS.
 - IN-FIELD NUCLEAR DENSITY TESTING OF FILL (MIN. 4 TESTS PER 200 SQ. YDS. PER LIFT OF SECTION TO BE POURED).
 - IN-FIELD NUCLEAR DENSITY TESTING OF DRAINAGE PIPE/STRUCTURE BEDDING AND BACKFILL (MIN. 1 TEST PER 250 LINEAR FEET PER LIFT OF EACH MATERIAL).
 - CONCRETE PAVEMENT:
 - REVIEW OF ALL CONCRETE MIX DESIGNS PROPOSED FOR USE ON PROJECT.
 - OBTAINING AND TESTING ONE (1) SET OF CYLINDERS (4 PER SET) FOR EACH 50 CU. YDS. OR PORTION THEREOF PER DAY. ONE (1) CYLINDER SHALL BE BROKEN AT SEVEN (7) DAYS AND THE OTHER TWO (2) SHALL BE BROKEN AT TWENTY-EIGHT (28) DAYS. ONE (1) CYLINDER SHALL BE KEPT IN RESERVE.
 - ANY OTHER TESTS SPECIFIED ON DRAWINGS OR SPECIFICATIONS AND AS DIRECTED BY ENGINEER TO ENSURE CONFORMANCE WITH PLANS AND SPECIFICATIONS.

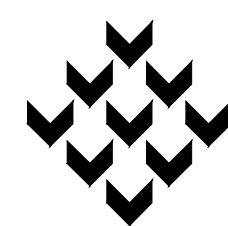


1. CIVIL CONSTRUCTION NOTES

SCALE: N.T.S.



project 1225
 date 01.16.26
 revisions



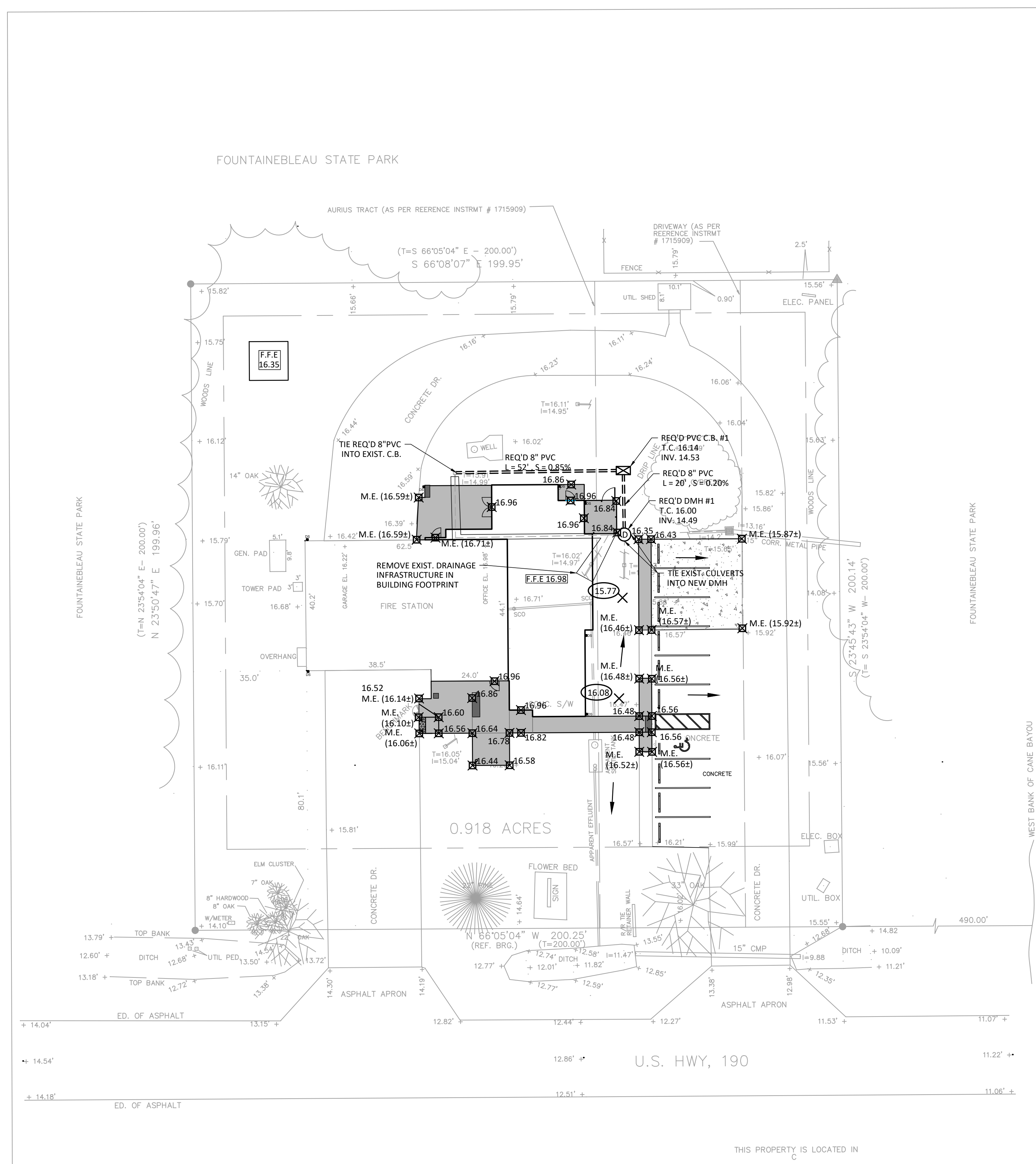
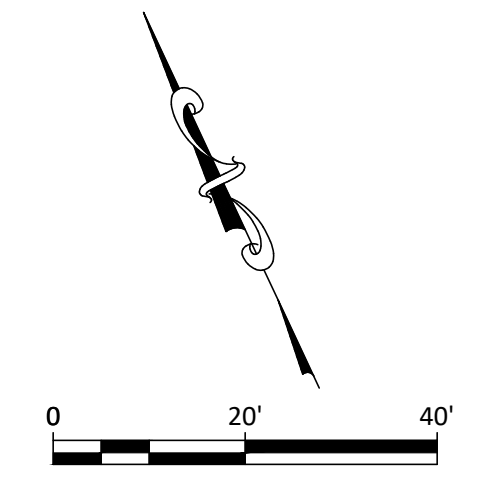
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RENOVATIONS AND ADDITIONS
 ST. TAMMANY PARISH • LOUISIANA

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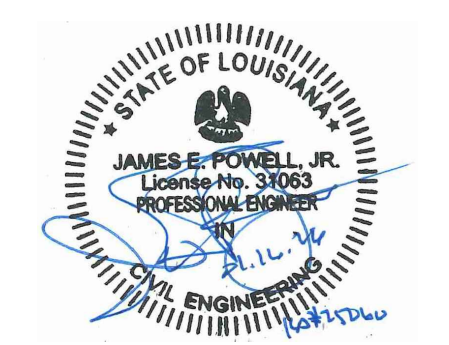


LEGEND:

---	PROPERTY LINE
====	REQ'D DRAIN LINE
⊙	REQ'D DRAIN MANHOLE
→	FLOW ARROW
⊠	REQ'D PVC CATCH BASIN ASSEMBLY (18" WITH CAST IRON GRATE)
⊠ 16.03	PROPOSED GRADE (TOP OF SIDEWALK/PAVEMENT)
⊠ 16.19	TOP OF SIDEWALK
⊠ 15.69	TOP OF PAVEMENT
⊠ 15.77	FINISHED GRADE
+ 15.92	EXISTING GRADES
⊠ M.E.	MATCH EXISTING GRADE

- NOTES:**
1. CONTRACTOR SHALL VERIFY ELEVATIONS OF EXISTING SIDEWALKS AND ADJUST PROPOSED GRADES AS NECESSARY TO ABIDE BY ALL APPLICABLE ADA GUIDELINES. COORDINATE WITH CIVIL ENGINEER IN FIELD.
 2. CONTRACTOR SHALL CONFIRM EXIST. DRAINAGE AND PAVEMENT ELEVATIONS PRIOR TO CONSTRUCTION. COORDINATE WITH ENGINEER ON ANY REQUIRED ADJUSTMENTS.
 3. CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL/STRUCTURAL DRAWINGS FOR EXACT LIMITS OF STAIR PLATFORMS AND SIDEWALKS.

1. GRADING & DRAINAGE PLAN
SCALE: 1" = 20'



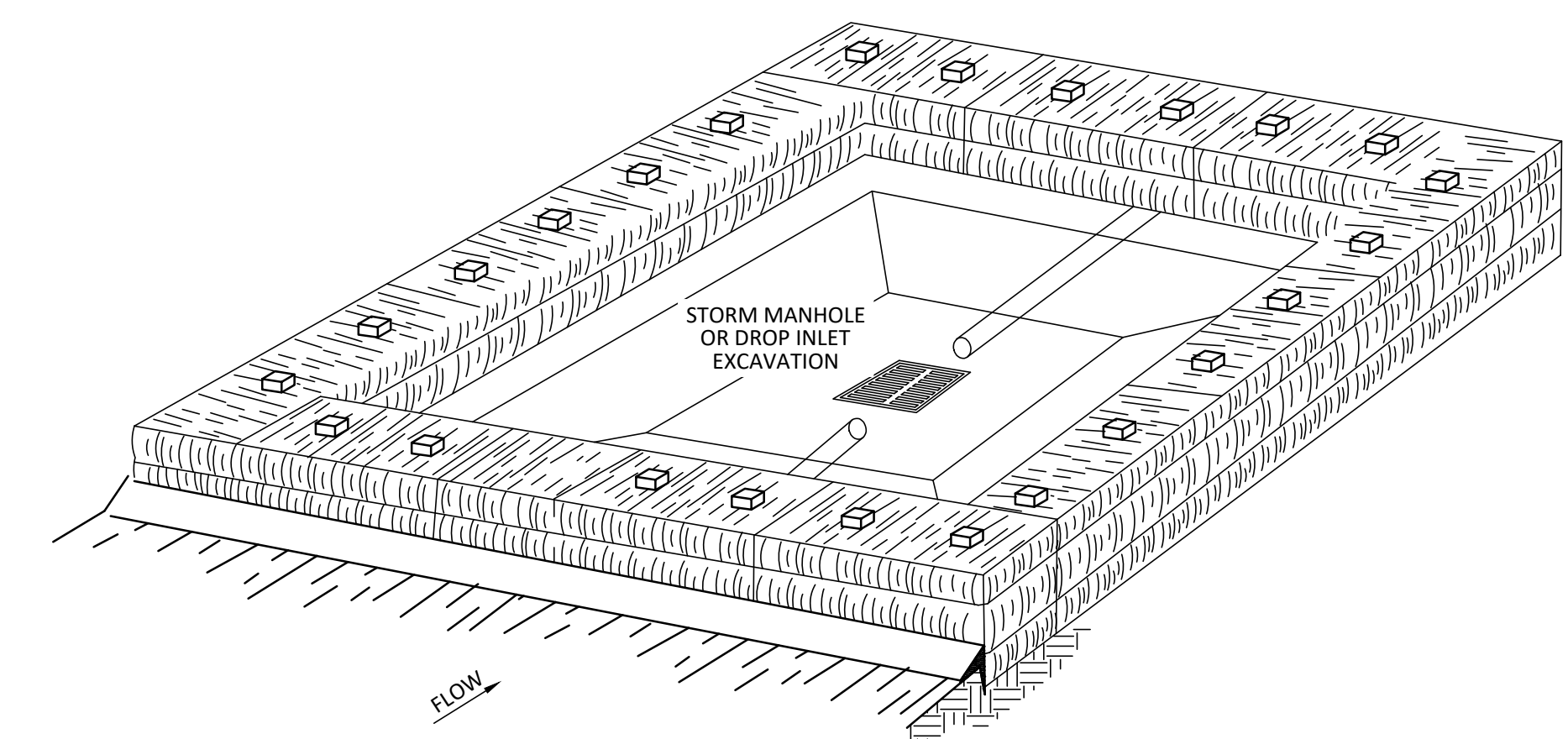
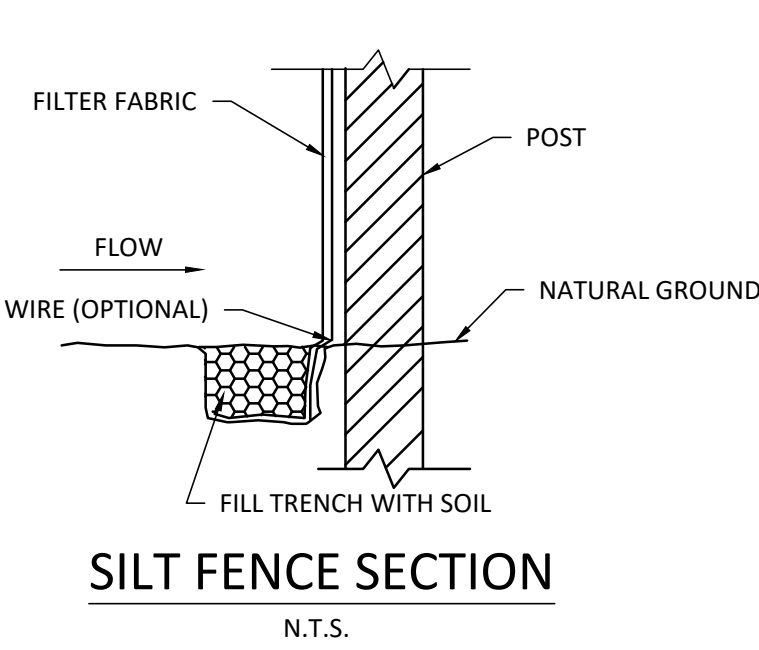
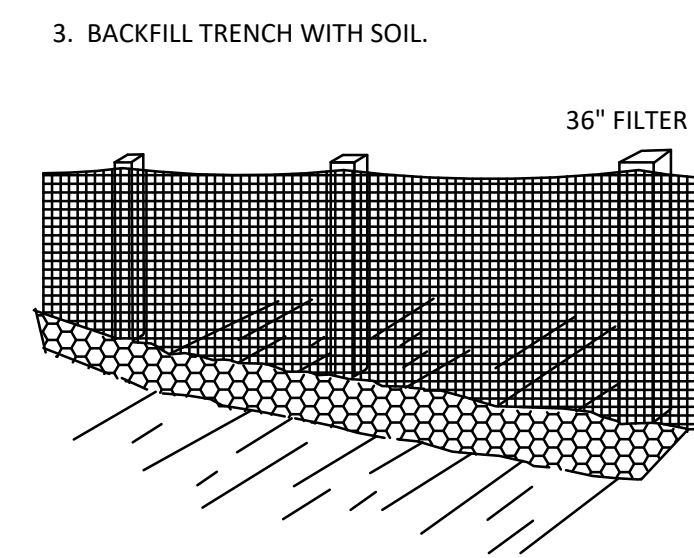
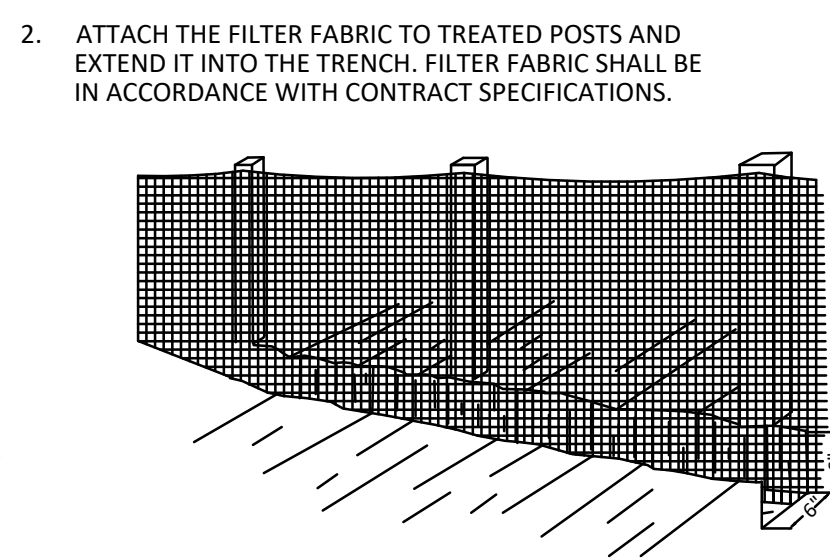
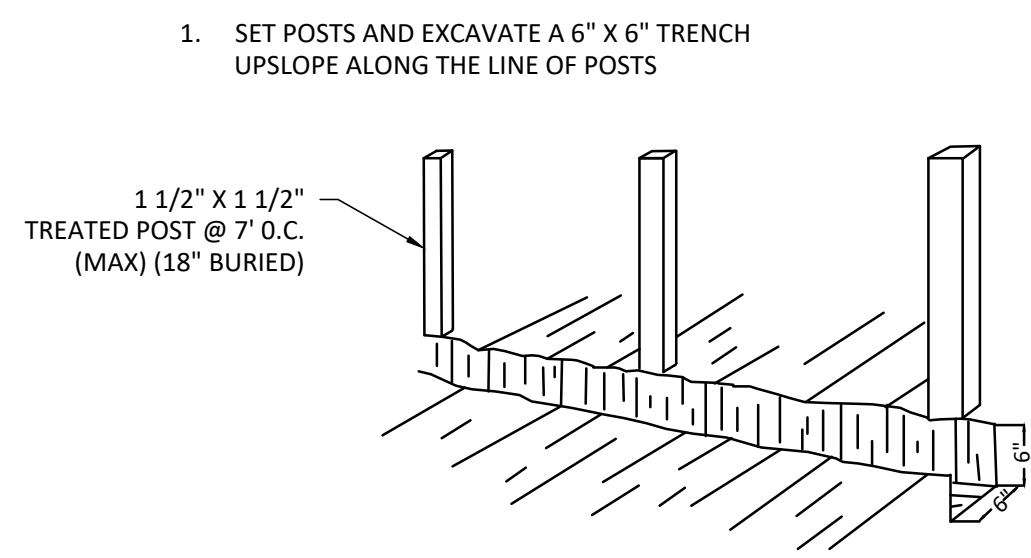
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FIRE STATION 44
RENOVATIONS AND ADDITIONS
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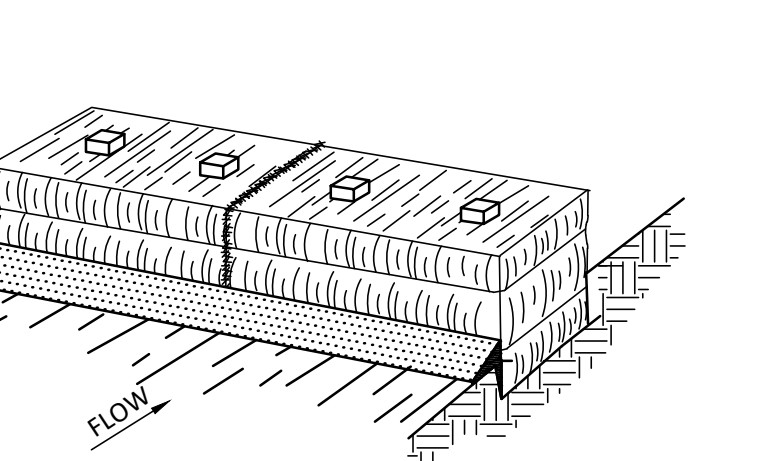
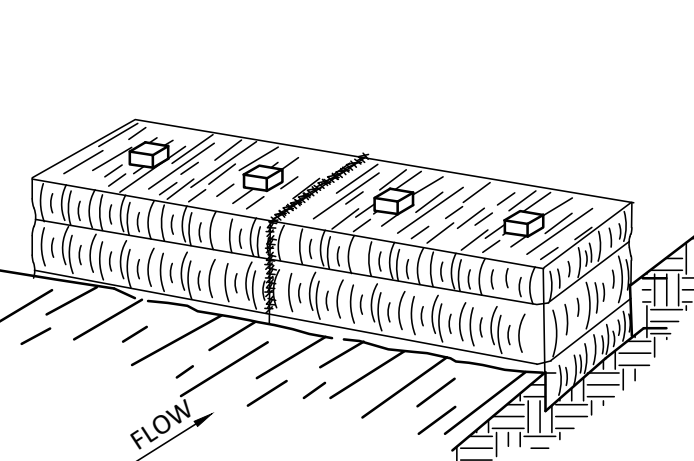
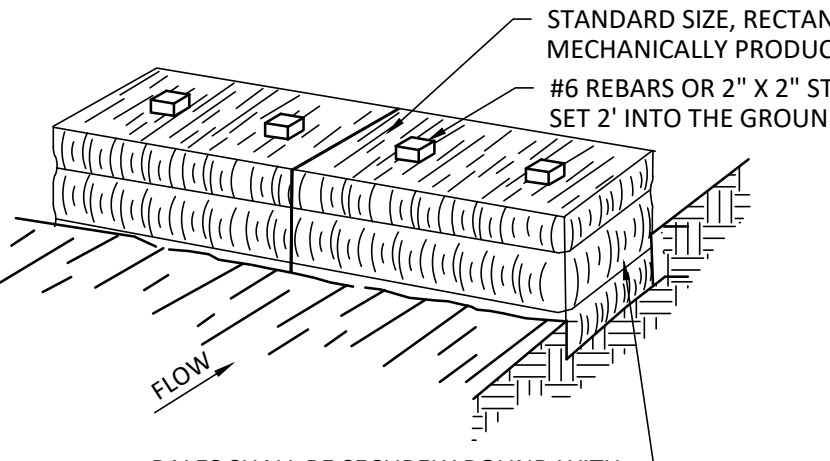
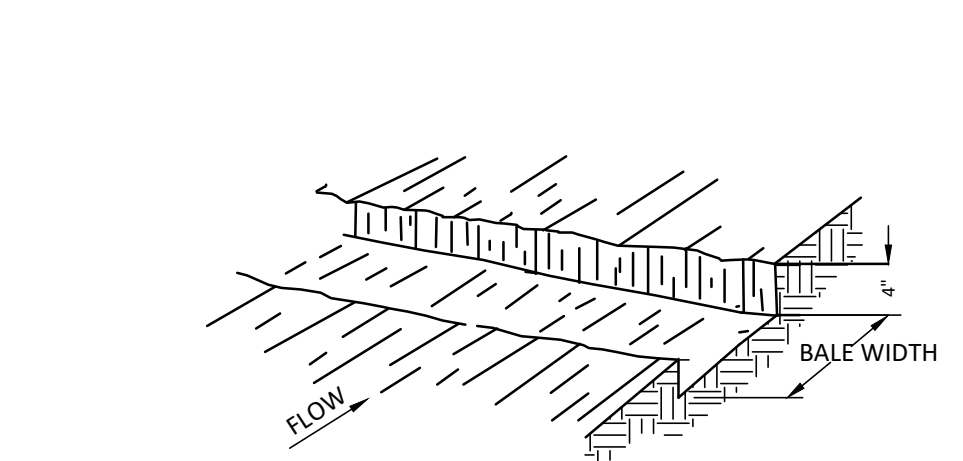
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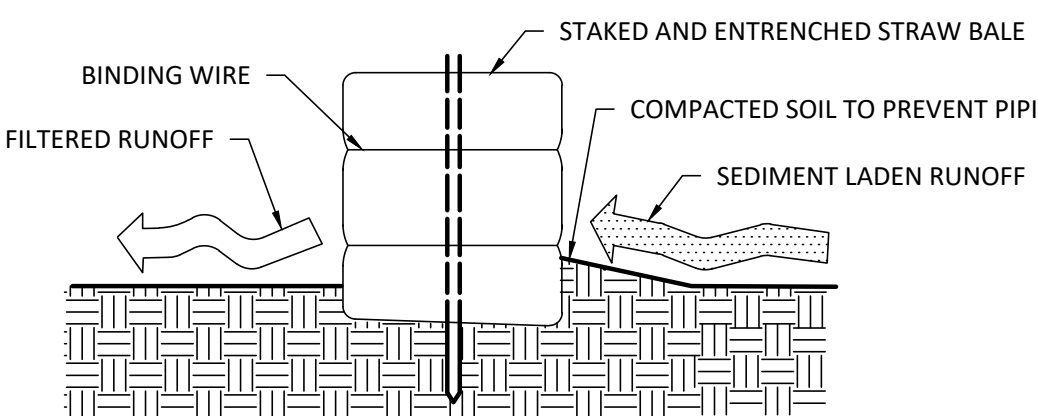


DETAIL OF INLET BARRIER *

*CONTRACTOR MAY USE 6 OZ. FILTER FABRIC WRAPPED AROUND DROP INLET GRATE IN LIEU OF STRAW BALES AFTER DROP INLETS ARE IN PLACE. CONTRACTOR SHALL MAINTAIN FABRIC FREE OF MUD AND TRASH.



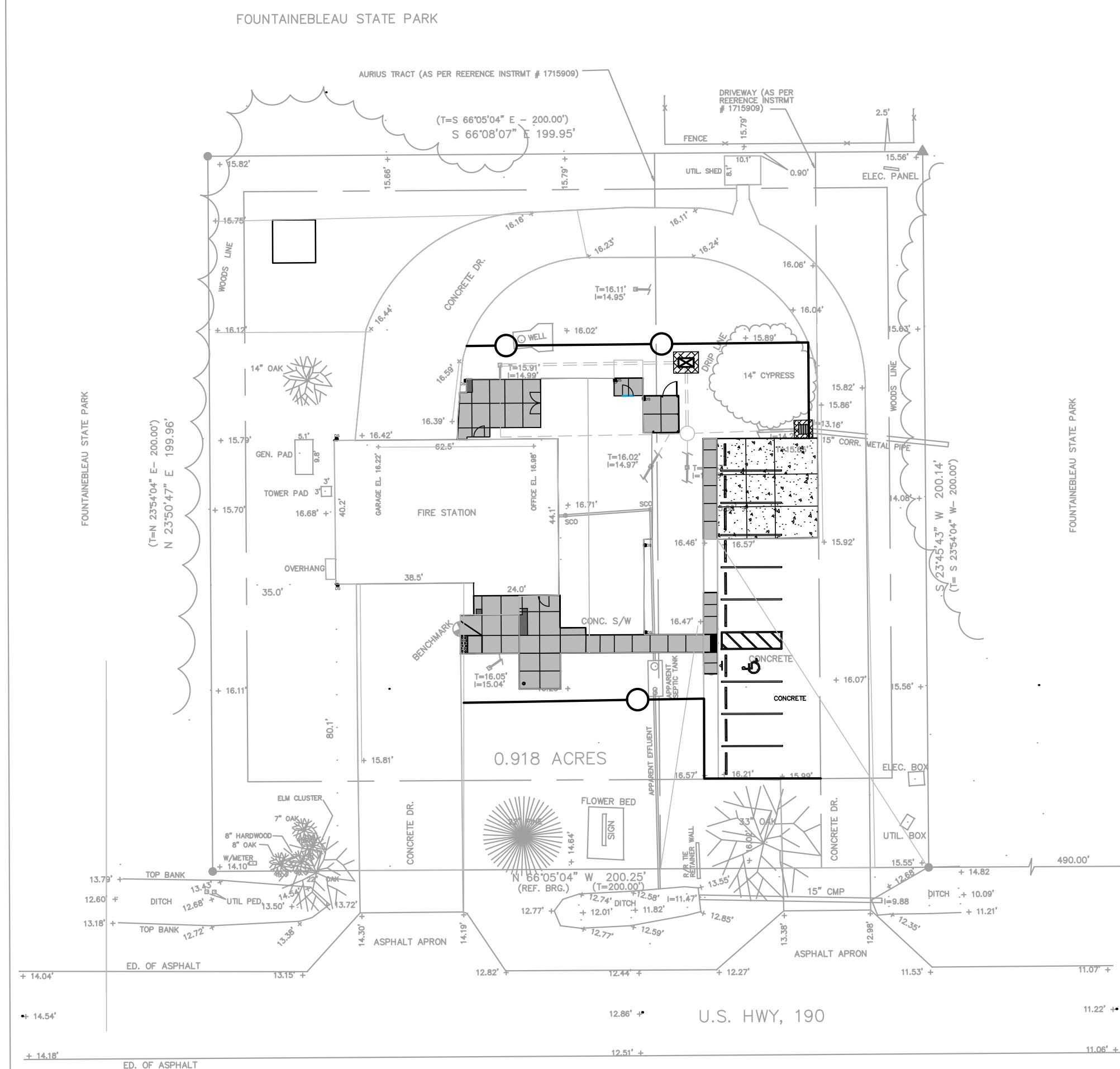
HAY BALE BARRIER N.T.S.



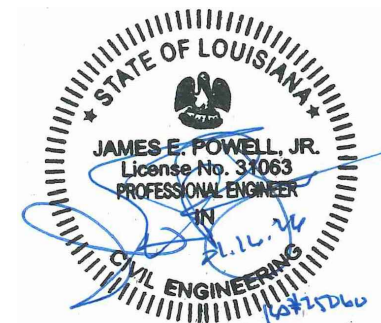
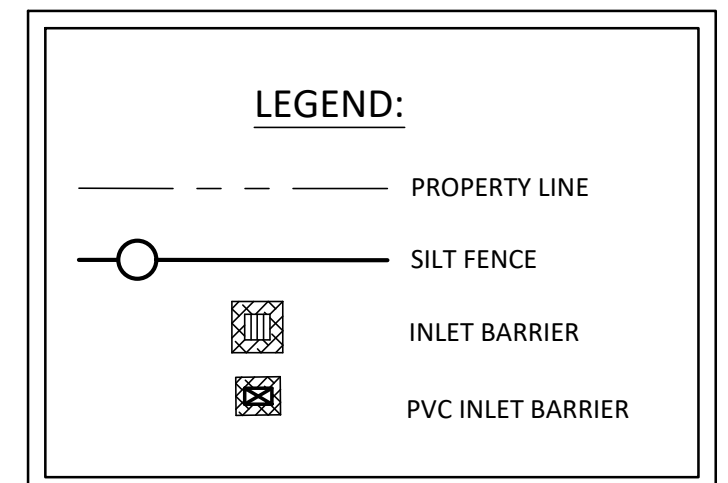
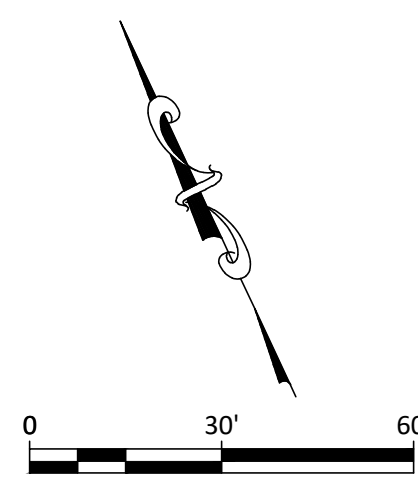
HAY BALE SECTION N.T.S.

EROSION CONTROL NOTES

1. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION EXIT SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE.
2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SUCH AS PONDS, SILT FENCING, HAY BALES, ETC. SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
3. ADDITIONAL EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. THE LOCATIONS OF EROSION CONTROL DEVICES SHALL BE ADJUSTED AS CONSTRUCTION PROGRESSES TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
5. EROSION CONTROL DEVICES SHALL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAIN AND REPAIRED BY GENERAL CONTRACTOR.
6. EROSION CONTROL DEVICES SHALL BE CLEANED WHEN SILT EXCEEDS 12" IN DEPTH AND FURTHER REPAIRED AS NECESSARY TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
7. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED AND THEN REMOVED WHEN DIRECTED BY THE CIVIL ENGINEER.
8. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 21 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
9. ALL DISTURBED AREAS WITH SLOPES 2:1 OR FLATTER WHICH ARE NOT STABILIZED BY OTHER MEASURES SHALL BE SEEDDED.
10. ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION BY THE CIVIL ENGINEER.
11. CONTRACTOR SHALL REMOVE ALL DIRT AND TRASH FOR NEW AND EXISTING PIPES WHICH MAY BE EXPOSED DURING CONSTRUCTION.



1. EROSION CONTROL PLAN
SCALE: 1" = 30'

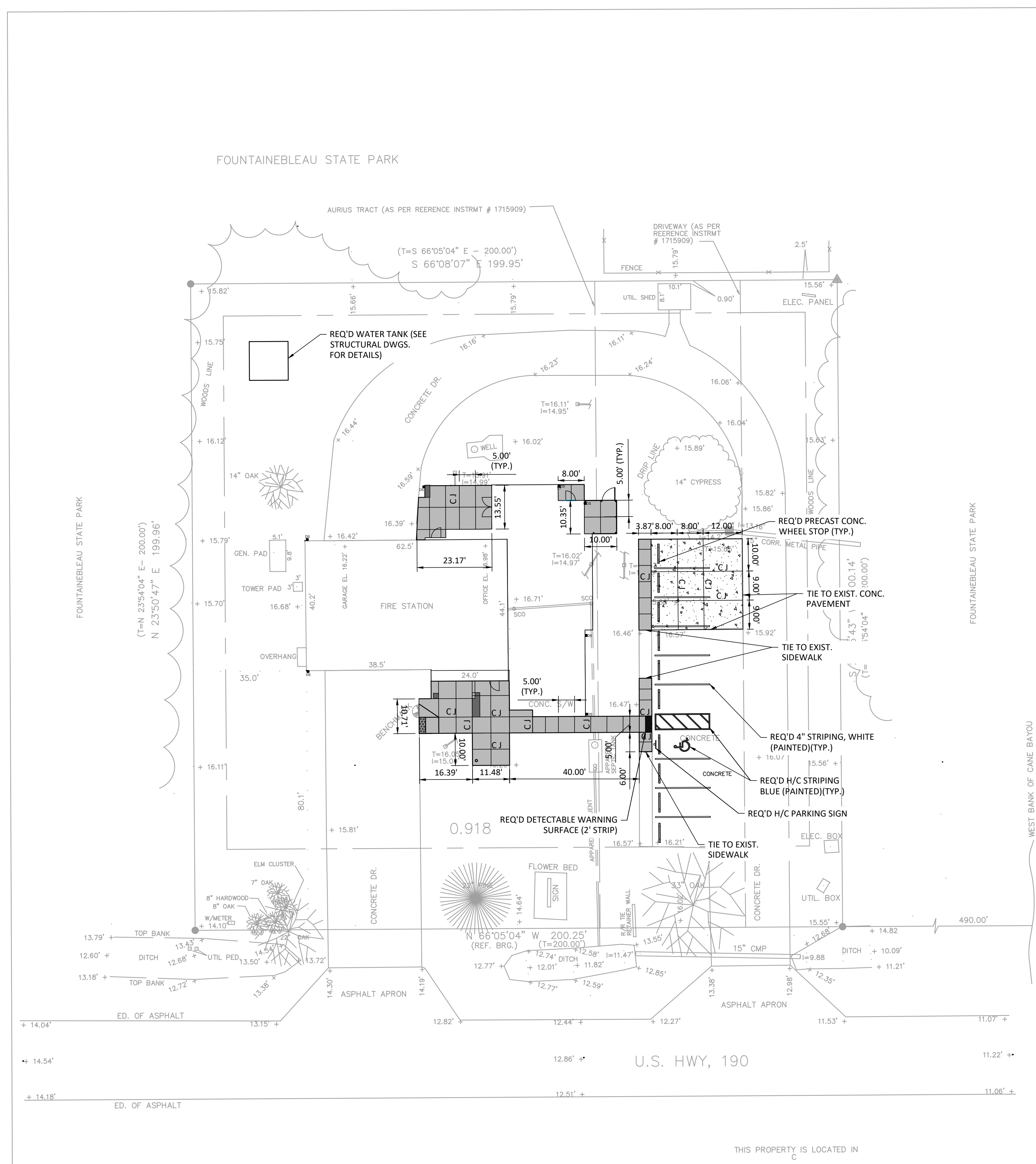
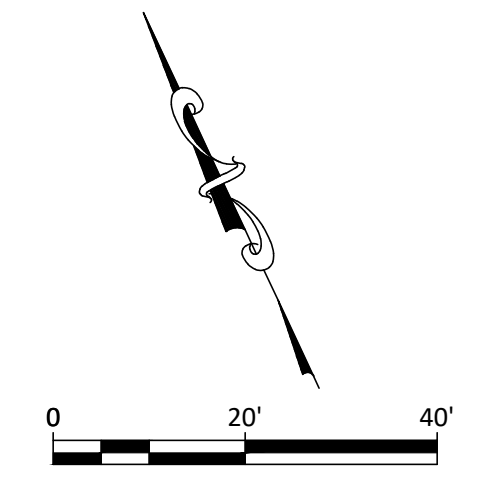


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FIRE STATION 44
RENOVATIONS AND ADDITIONS
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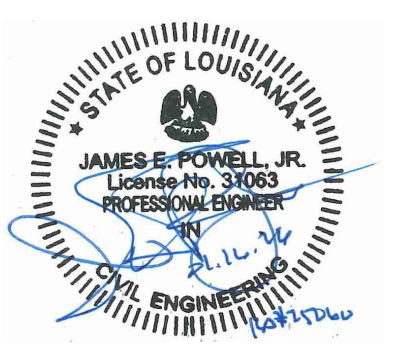


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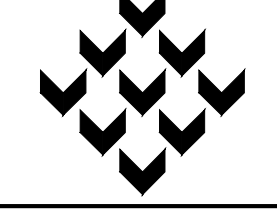
- PROPERTY LINE
- 6" BARRIER CURB
- TURN-DOWN FOOTING (SIDEWALK)
- CONSTRUCTION JOINT
- REQ'D PRE-CAST CATCH BASIN
- 6" CONCRETE PAVEMENT (W/6x6-G GAGE W.W.R.)
- 4" CONCRETE SIDEWALK (W/6x6-G GAGE W.W.R.)

- NOTES:**
- DISTANCES SHOWN HEREON ARE MEASURED FROM THE BACK EDGE OF PAVEMENT.
 - PAVEMENT JOINT LAYOUT SHOWN IS SUGGESTED. ALL JOINTS ARE TO BE USED WHERE SHOWN OR AS DIRECTED BY ENGINEER. PANELS SHALL NOT EXCEED TWELVE (12) FEET IN ANY DIRECTION EXCEPT WHERE UNAVOIDABLE AS SHOWN.
 - REFER TO SHT. C3.0 FOR PAVING DETAILS.

1. PAVING PLAN
SCALE: 1" = 20'



project 1225
date 01.16.26
revisions

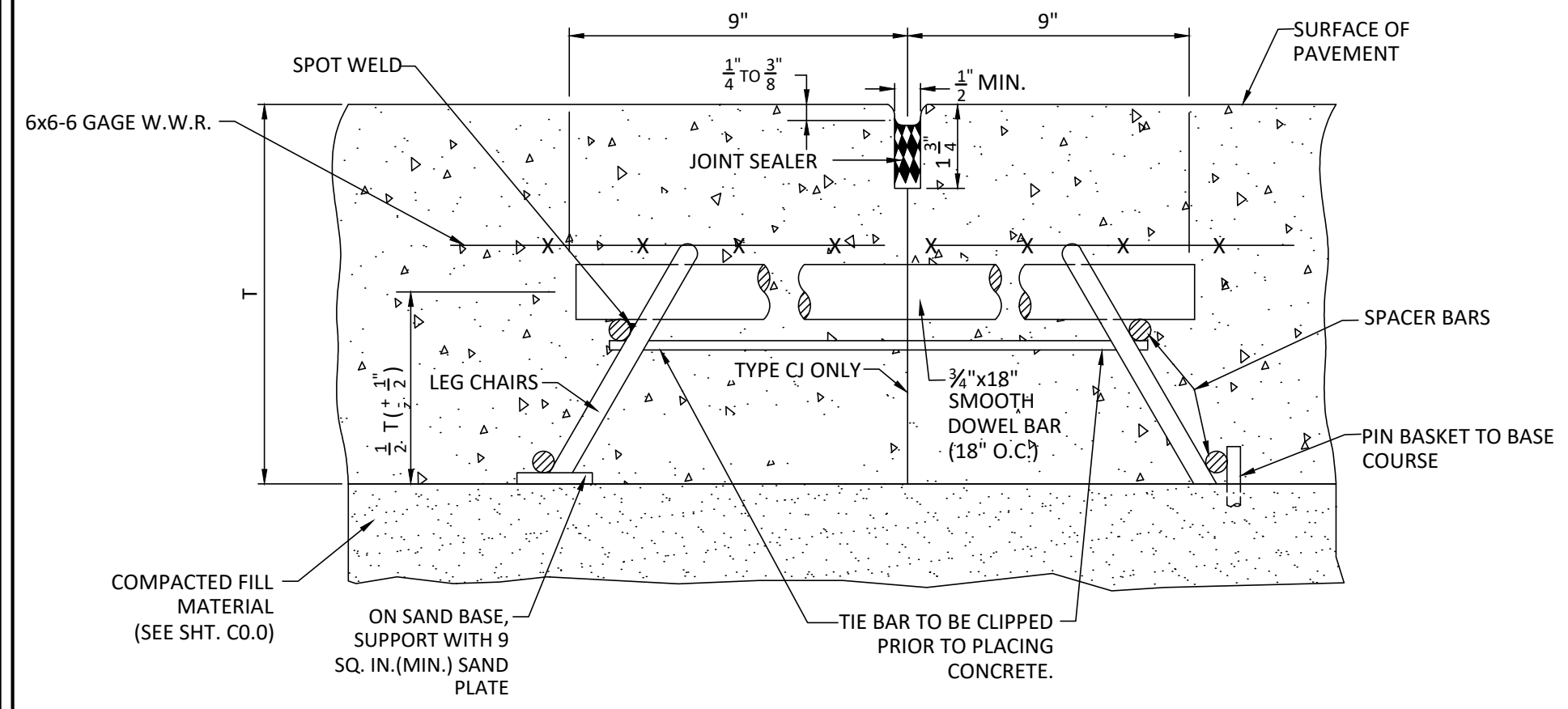


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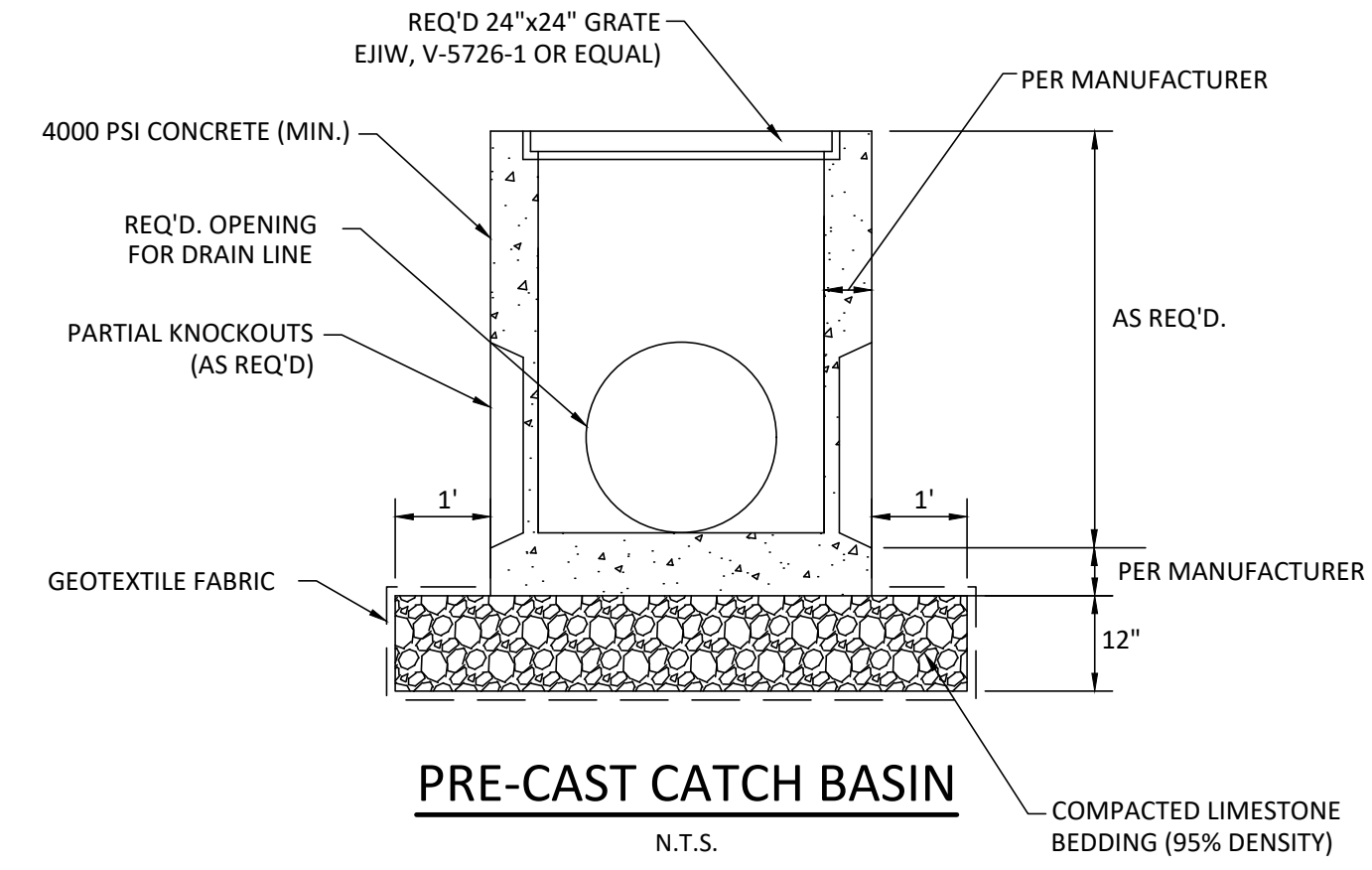
FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

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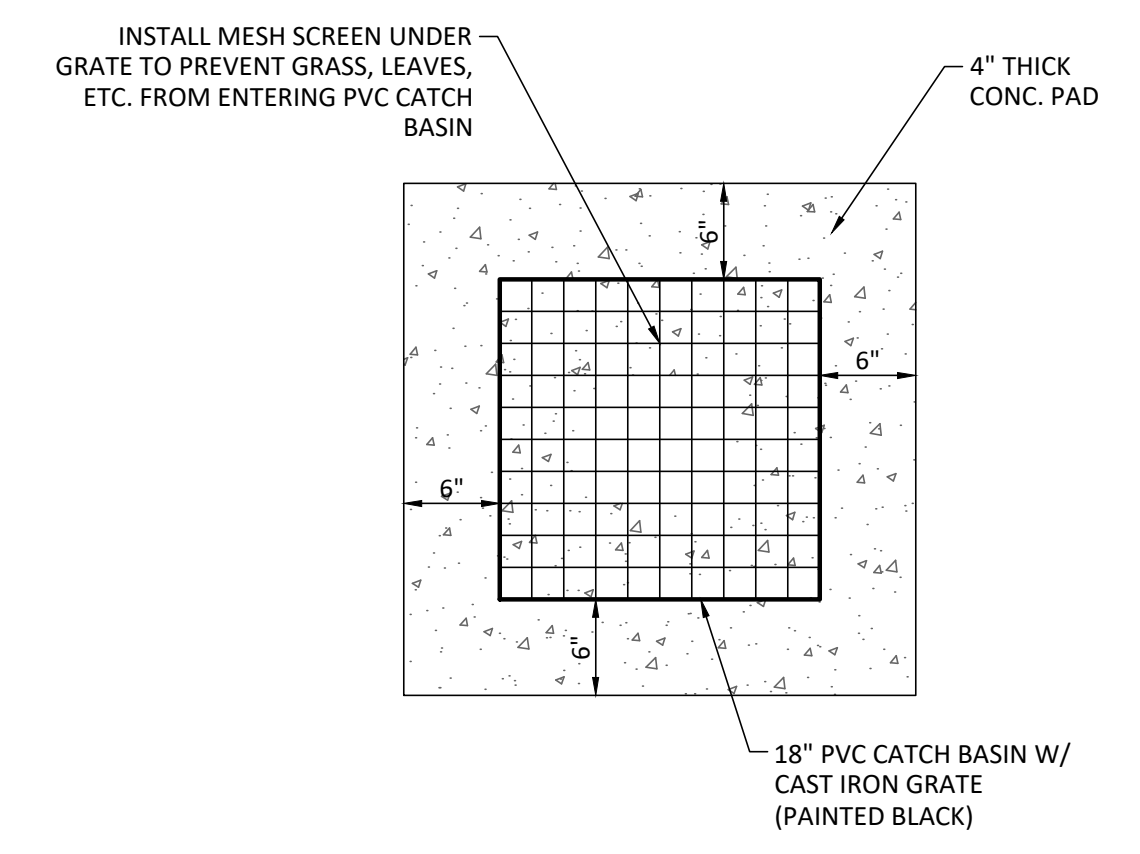
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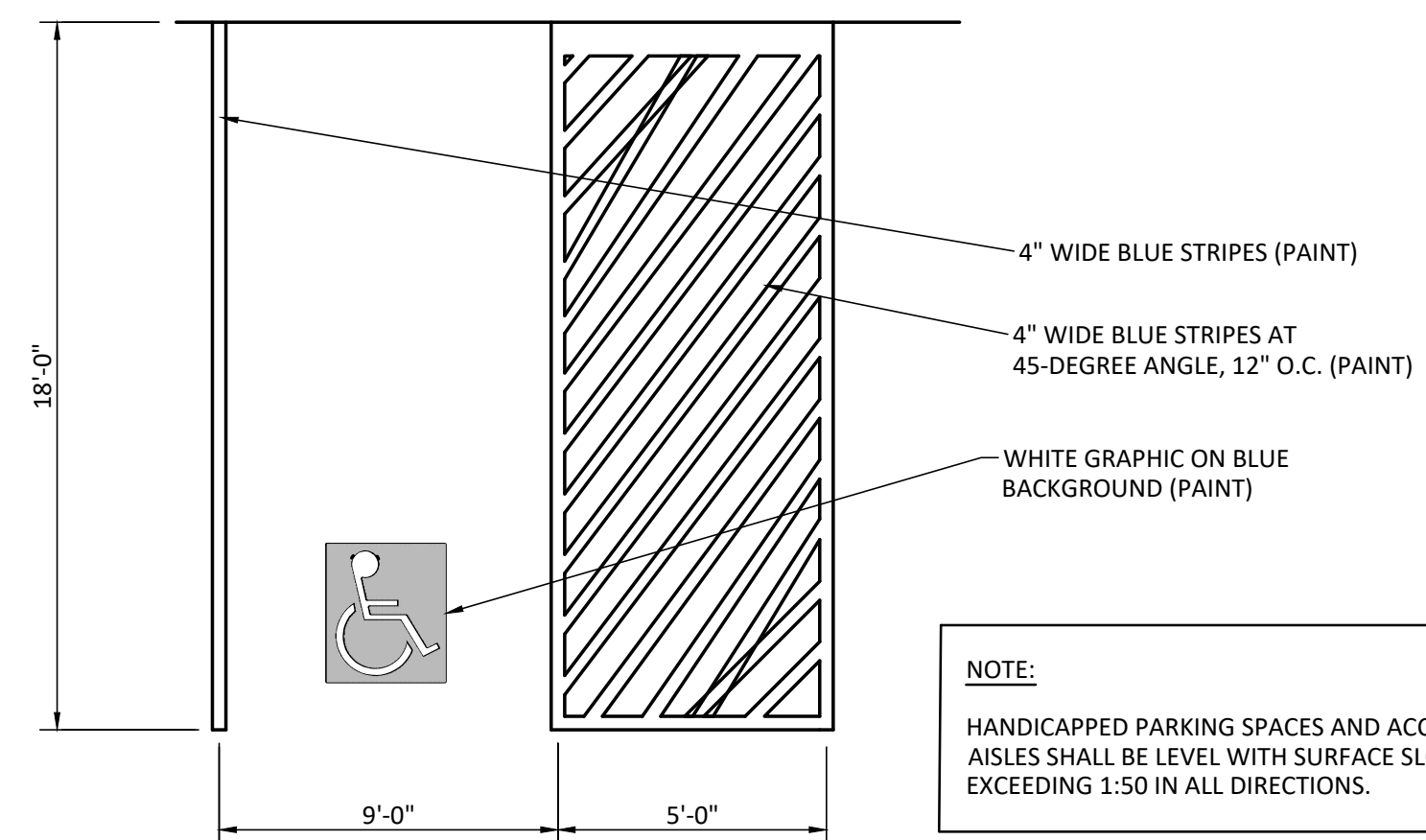
CONCRETE PAVEMENT TRANSVERSE DUMMY JOINT OR CONSTRUCTION JOINT
N.T.S.



- PRE-CAST CATCH BASIN**
N.T.S.
- NOTES:**
- MATERIALS & FEATURES**
 - CONCRETE: 4,000 PSI IN 28 DAYS
 - REINFORCING STEEL: PER ASTM A-615, GRADE 60.
 - REINFORCING TO MEET AASHTO HS 20-44 LOADING.
 - PRE-CAST STRUCTURE TO MEET ASTM C-857-92
 - JOINT SEALANT: RAM-NEK GASKET MATERIAL.
 - PRE-CAST CATCH BASINS SHALL BE AS MANUFACTURED BY HANSON, GAINERY OR EQUAL. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR EACH STRUCTURE WITH ALL DIMENSIONS, ELEVATIONS, PIPE SIZES/ORIENTATIONS, ETC. SHOWN FOR REVIEW BY THE ENGINEER.
 - CONTRACTOR SHALL USE 24" ROUND SOLID TOP MARKED "DRAIN" WITH FRAME IN ACCORDANCE WITH ASTM A-48, CLASS 30 FOR GRAY CASTINGS FOR REQUIRED DRAINAGE MANHOLE.

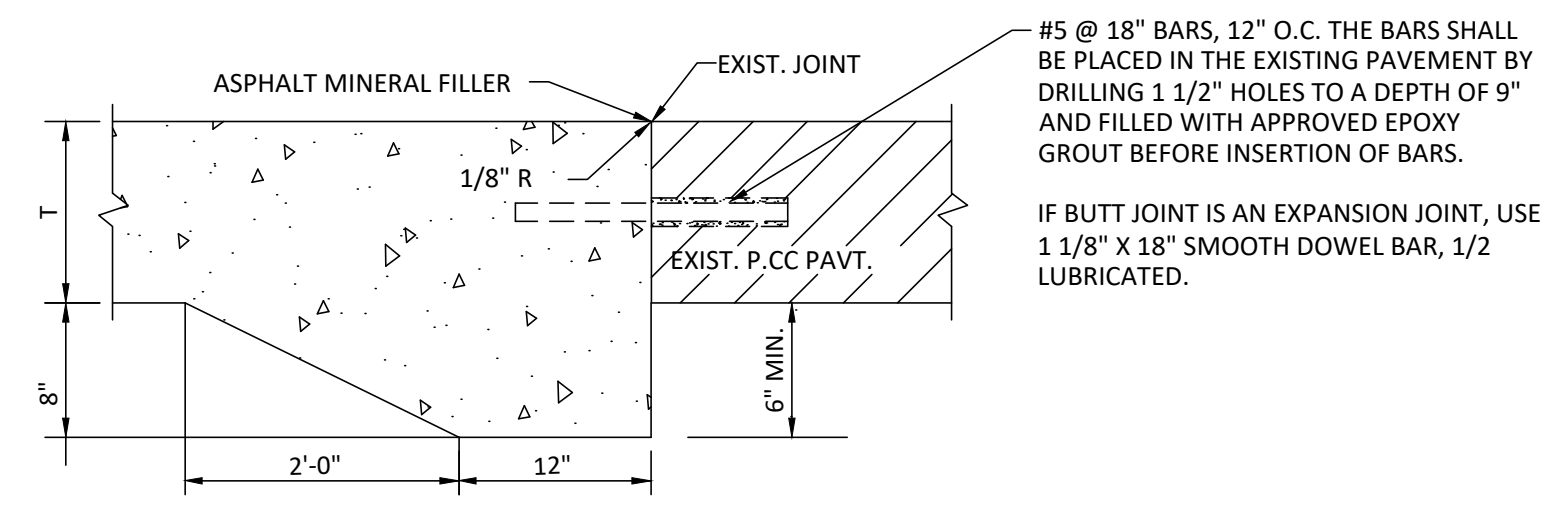


PVC CATCH BASIN
N.T.S.

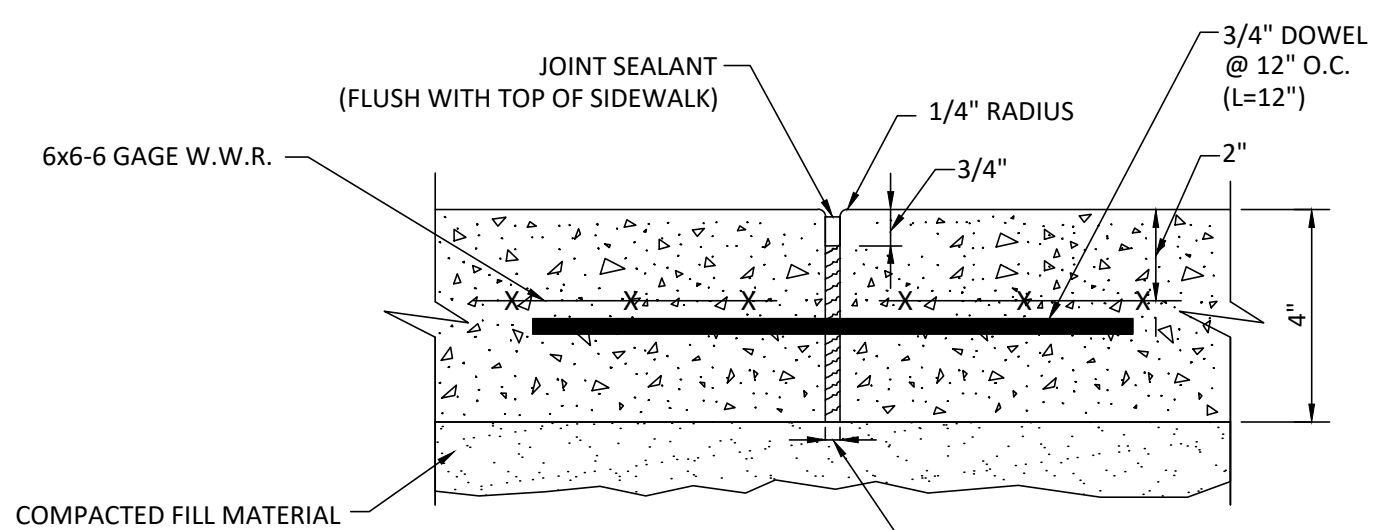


NOTE:
HANDICAPPED PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 IN ALL DIRECTIONS.

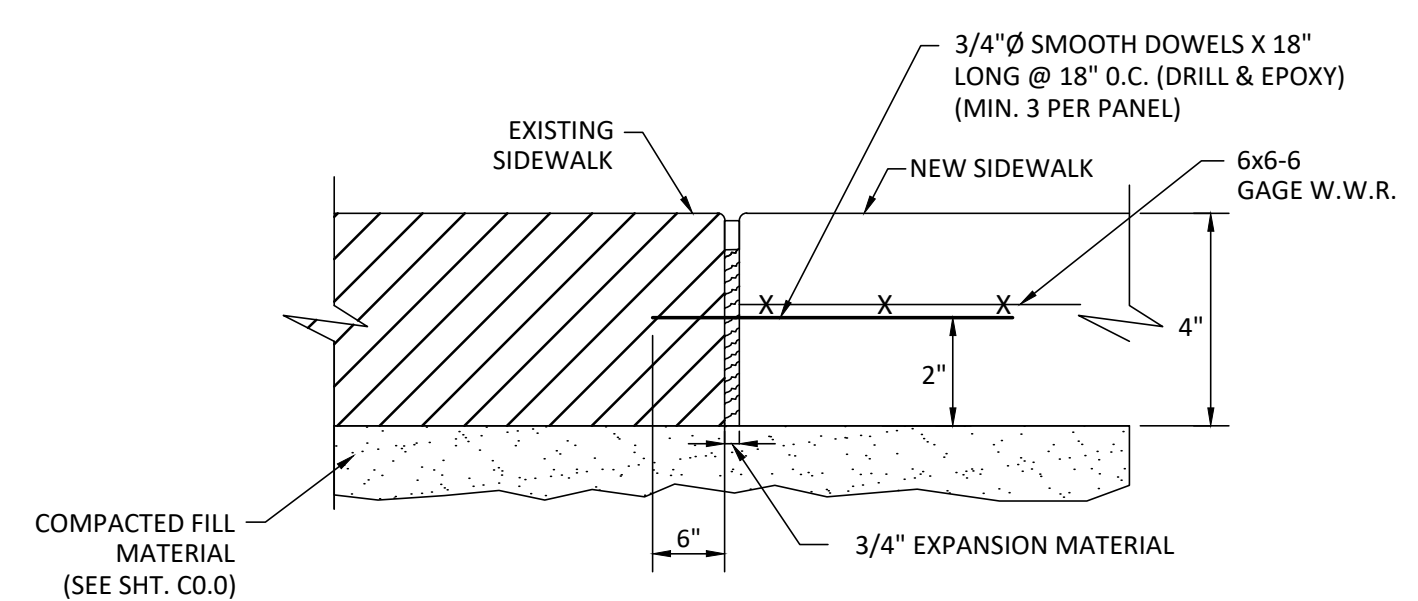
TYPICAL HANDICAP STRIPING DETAIL
N.T.S.



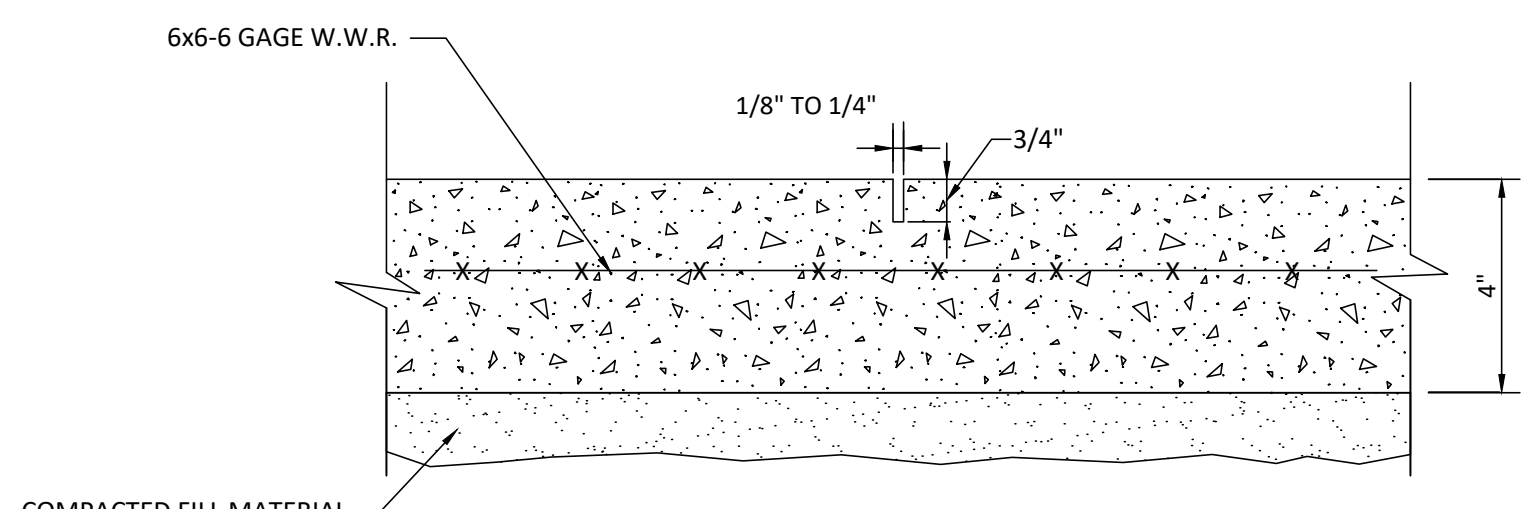
EXISTING PAVEMENT TIE-IN (CONCRETE)
N.T.S.



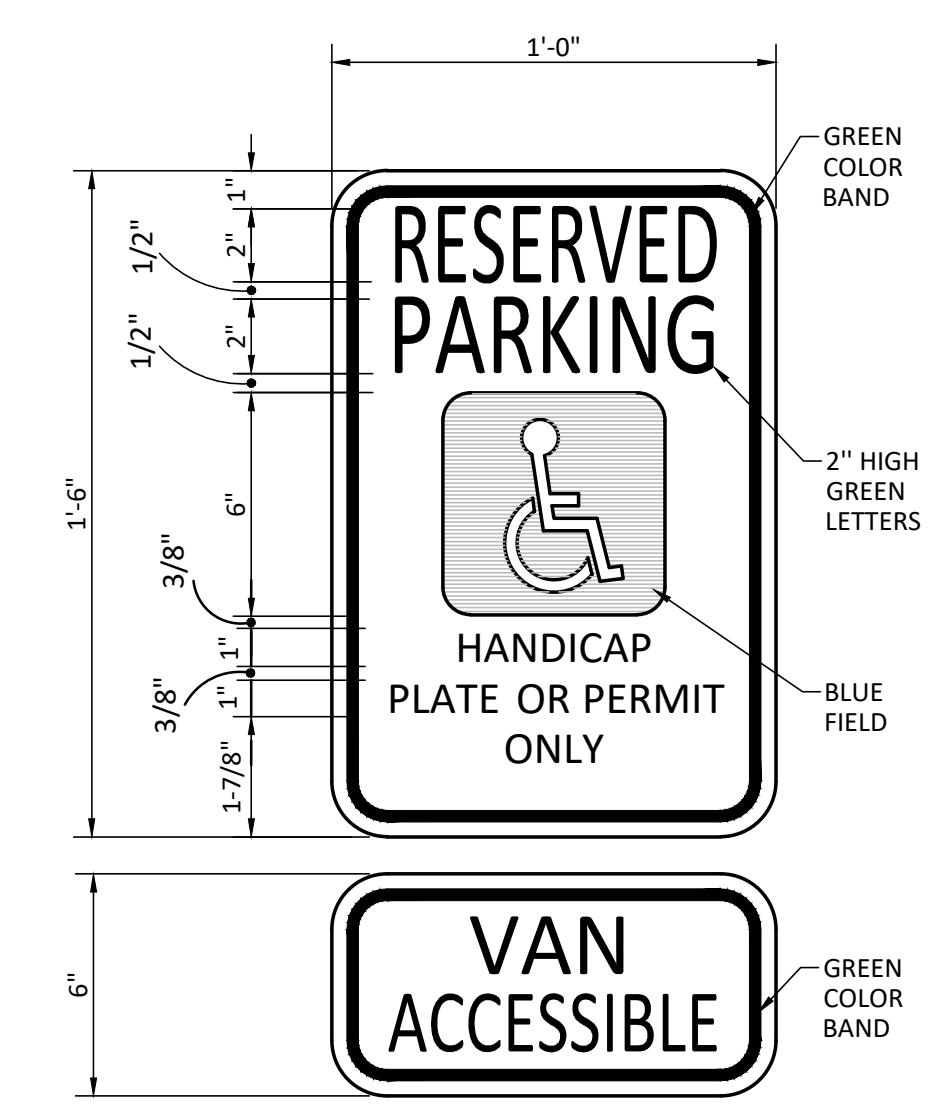
SIDEWALK EXPANSION JOINT (20' O.C.)
N.T.S.



TYPICAL SIDEWALK TIE-IN DETAIL
N.T.S.



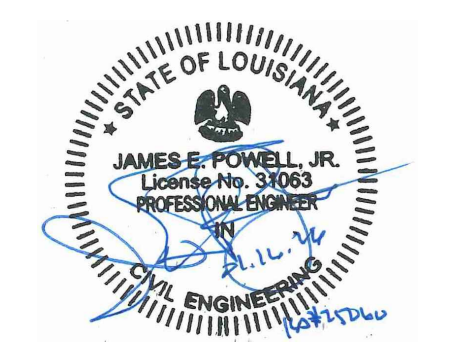
SIDEWALK SAWED CONTROL JOINT (5' O.C.)
N.T.S.



- NOTES:**
- THE BOTTOM OF THE SIGN SHOULD BE NO LESS THAN 60 INCHES ABOVE FINISH GRADE.
 - SIGNS SHALL BE PROPERLY CENTERED WITHIN THE PARKING SPACE AND MOUNTED ON A HIGH STRENGTH, GALVANIZED U-CHANNEL POST EMBEDDED IN THE GROUND IN A MINIMUM OF 2 FEET OF CONCRETE.
 - THE SIGN FACE SHOULD BE LOCATED NO FARTHER THAN 6 FEET FROM THE FRONT OF EACH PARKING SPACE.
 - ALL LETTERING SERIES 'C', GREEN COLOR.
 - INTERNATIONAL SYMBOL OF ACCESSIBILITY SHOWN WHITE ON 6"x6" BLUE FIELD WITH 1/2 RADIUS CORNERS.
 - THE VAN ACCESSIBLE SIGN SHALL BE CENTERED UNDER THE ACCESSIBLE PARKING SIGN AS SHOWN (IF APPLICABLE).
 - THE SIGN SHALL NOT BE OBTUSCED BY A VEHICLE PARKED IN THE SPACE.
 - A "RESERVED PARKING" SIGN SHALL BE REQUIRED BEHIND THE SIDEWALK AT EACH HANDICAP ACCESSIBLE PARKING SPOT.
 - ALL HANDICAP SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH APPLICABLE ADA STANDARDS.

TYPICAL HANDICAP SIGNAGE DETAIL
N.T.S.

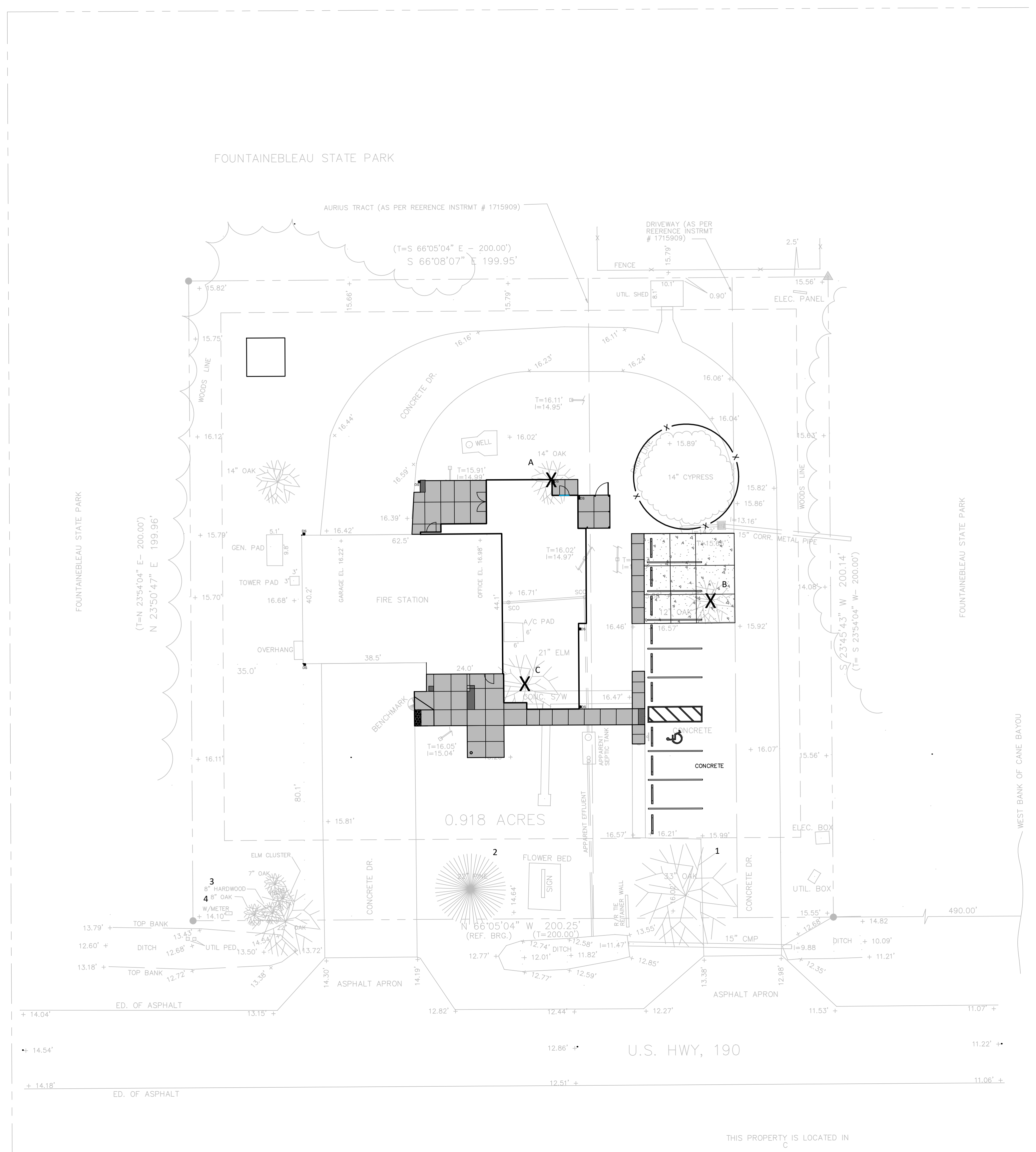
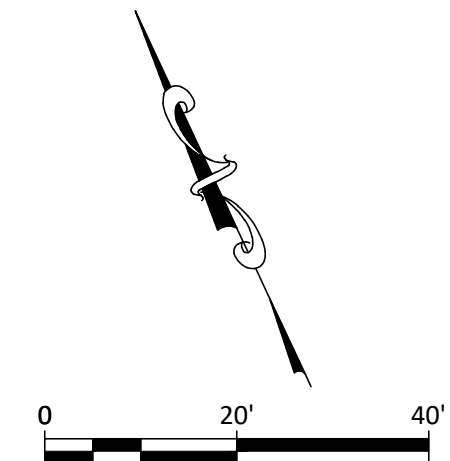
1. CIVIL DETAILS
SCALE: N.T.S.



project 1225
date 01.16.26
revisions

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FIRE STATION 44
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LEGEND

- EXISTING TREES (TO BE REMOVED)
- EXISTING TREES (TO REMAIN)
- EXISTING TREE TO BE PROTECTED (SEE DETAIL SHT. L3.0)

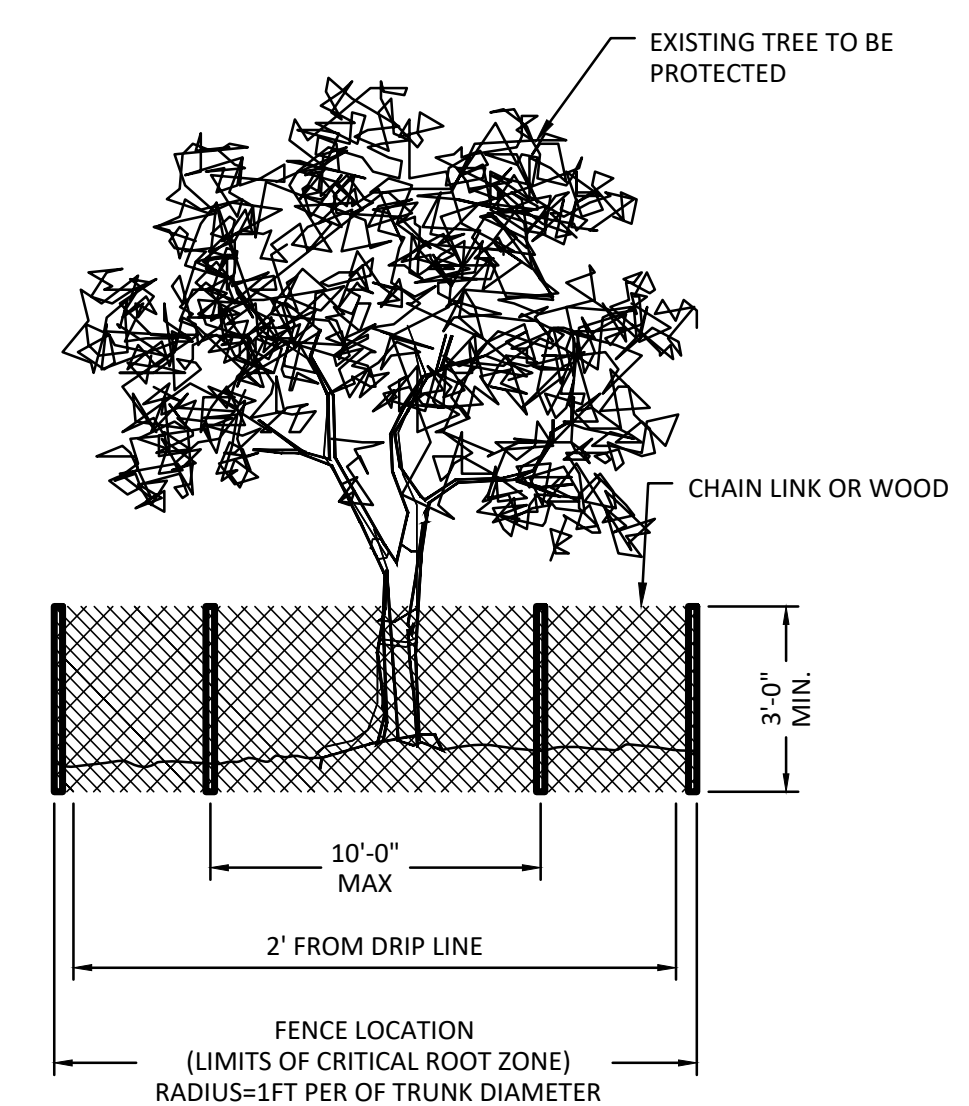
EXISTING TREES (SOUTHERN BUFFER)

TREE	SIZE	TYPE	CLASS	CREDIT
1	33	OAK	A	4
2	22"	PINE	A	2
3	8"	HARDWOOD	A	1
4	8"	OAK	A	1
TOTAL CREDITS				8

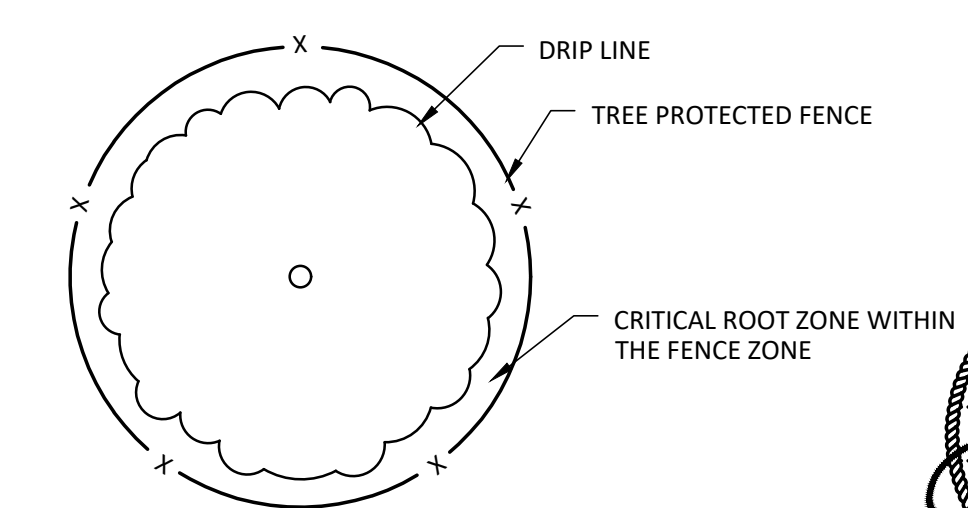
EXISTING TREES TO BE REMOVED

TREE	SIZE	TYPE
A	14"	OAK
B	12"	OAK
C	21"	ELM

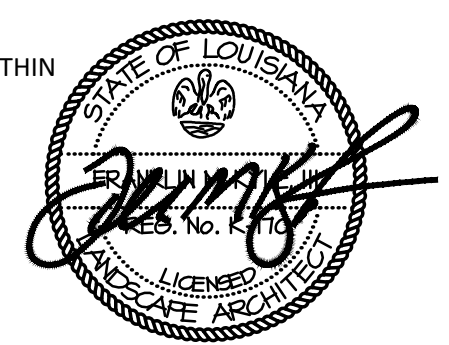
TREE PROTECTION FENCE DETAIL:



ELEVATION VIEW
N.T.S.



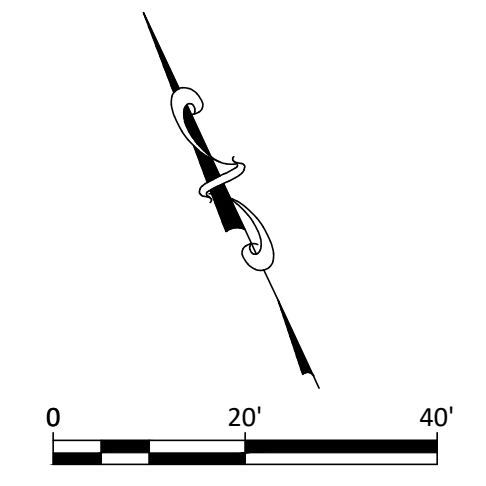
PLAN VIEW
N.T.S.



1. TREE REMOVAL PLAN
SCALE: 1" = 20'

project 1225
 date 01.16.26
 revisions

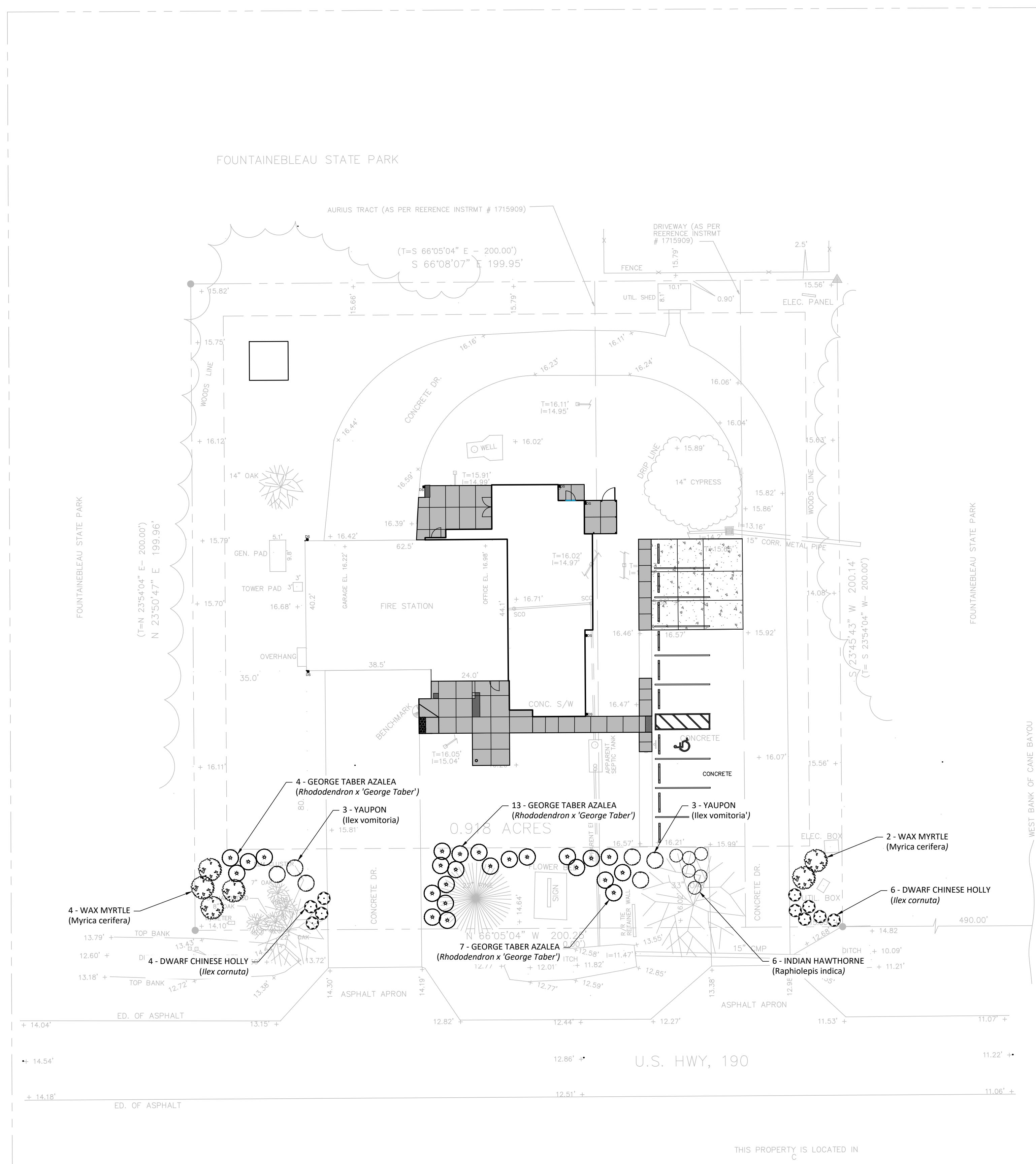
FIRE STATION 44
RENOVATIONS AND ADDITIONS
 ST. TAMMANY PARISH • LOUISIANA



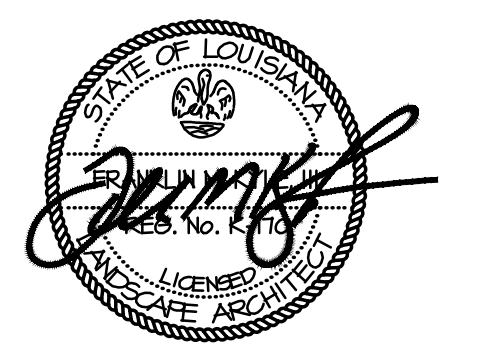
PARKING CALCULATIONS		
PUBLIC UTILITY OR PUBLIC SERVICE USES	1 SPACE PER SITE	1 SPACE
TOTAL PARKING REQUIRED		1 SPACE
TOTAL PARKING PROVIDED		10 SPACES

NOTE:
ALL AREAS DISTURBED ARE TO BE SODDED TO MATCH EXISTING GRASS SPECIES.

SOUTHERN BUFFER/STREET PLANTING (200.25 L.F.) (25' BUFFER)	
TREES:	
CLASS "A" TREES REQUIRED - 8	CLASS "A" TREE PROPOSED - 0
CLASS "B" TREES REQUIRED - 12	CLASS "B" TREES PROPOSED - 12
SHRUBS REQUIRED - 40	SHRUBS PROPOSED - 40
TOTAL CREDITS USED	8



1. LANDSCAPE PLAN
SCALE: 1" = 20'



project 1225
date 01.16.26
revisions

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Mandeville Louisiana

FIRE STATION 44
RENOVATIONS AND ADDITIONS
ST. TAMMANY PARISH • LOUISIANA

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MASTER LANDSCAPE PLAN MATERIALS SCHEDULE

QUANTITY	BOTANICAL NAME	DESCRIPTION	CLASS	ROOT (MIN.)	HEIGHT (MIN.)	SPREAD (MIN.)	CALIPER (MIN.)	NOTES
TREE								
6	Ilex vomitoria	YAUAPON	B	B&B	8-10'	4-5'	1.5"	Well Branched
6	Myrica cerifera	WAX MYRTLE	B	B&B	8-10'	4-5'	1.5"	Multi-Trunked (3)
SHRUB								
10	Ilex cornuta	CHINESE HOLLY	3 Gal	24"	18"	-	-	Full Material
6	Raphiolepis indica	INDIAN HAWTHORNE	3 Gal	24"	18"	-	-	Full Material
24	Rhododendron x 'George Taber'	GEORGE TABER AZALEA	5 Gal	36"	36"	-	-	Full Material

* CONTAINER MATERIAL MAY BE SUBSTITUTED FOR BALL & BURLAP AS LONG AS ALL OTHER REQUIREMENTS ARE MET AND APPROVED BY THE LANDSCAPE ARCHITECT.

GENERAL NOTES

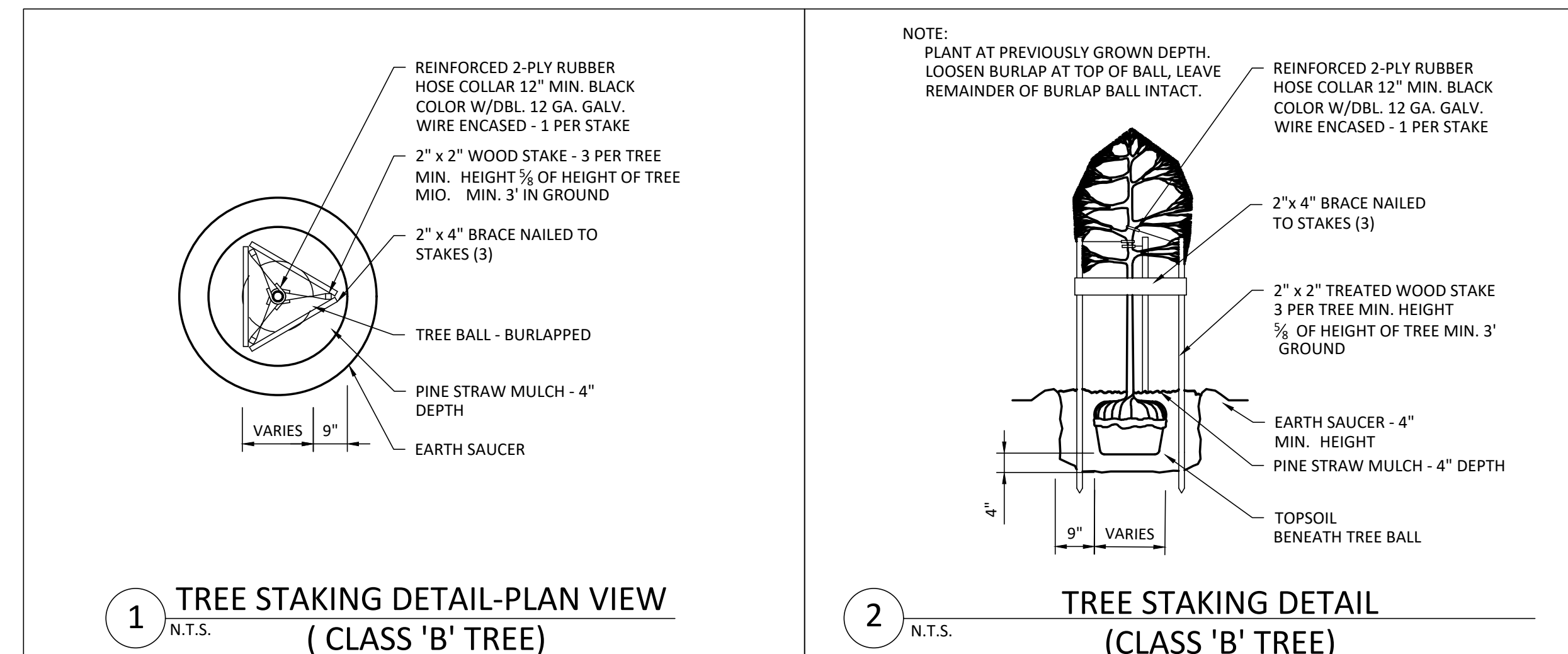
- THE WORK PERFORMED UNDER THE DIRECTION OF THESE DOCUMENTS IS TO BE OF THE HIGHEST WORKMANSHIP AND QUALITY FOR WORK OF THIS TYPE. BEST INDUSTRY STANDARDS ARE TO BE APPLIED FOR ALL WORK DEFINED IN THESE DOCUMENTS.
- THIS SET OF PLANS HAS BEEN DEVELOPED USING A SURVEY OR BASE INFORMATION PROVIDED BY THE OWNER. CONTRACTOR IS TO IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES THAT EXIST BETWEEN THE SURVEY/BASE INFORMATION AND THE ACTUAL FIELD CONDITIONS.
- THE PLAN REFLECTS A PROGRAM SET FORTH BY THE PROJECT OWNER. VARIATION IN PLANT SPECIES, SIZE, OR ARRANGEMENTS WILL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT. ALL CORRESPONDENCE, ADDITIONS, SUBTRACTIONS, OR OTHER INSTANCES WHERE VARIATIONS IN THE PLAN MAY BE SUITABLE SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
- ALL WORK PERFORMED UNDER THESE DOCUMENTS IS TO BE DONE IN ACCORDANCE WITH THE LAWS AND REGULATIONS OF THE JURISDICTION IN WHICH THE PROJECT IS LOCATED. LOCAL, STATE, AND FEDERAL LAWS APPLY.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND THE COST OF ALL PERMITS AND APPROVALS REQUIRED FOR THIS WORK. ONLY LICENSED AND INSURED LANDSCAPE CONTRACTORS WILL BE PERMITTED TO PERFORM THE WORK INDICATED ON THESE PLANS.
- THE CONTRACTOR IS TO CONTACT THE LOCAL UTILITY LOCATION SERVICE PRIOR TO THE COMMENCEMENT OF WORK AND HAVE ALL SUBSURFACE UTILITIES MARKED ON THE GROUND SURFACE, INCLUDING BUT NOT LIMITED TO TELEPHONE, NATURAL GAS, CABLE, WATER, SEWER, DRAINAGE, AND FIBER OPTIC. DEPTH OF THE UTILITIES SHALL BE A CONSIDERATION IN THIS EVALUATION. ADJUSTMENTS REQUIRED TO THE LANDSCAPE PLAN OR IRRIGATION DESIGN AS A RESULT OF UTILITY CONFLICTS ARE TO BE MADE PRIOR TO THE COMMENCEMENT OF WORK.
- ALL EXISTING UTILITIES ARE TO BE PROTECTED AND MAINTAINED. REPAIRS ON UTILITIES DAMAGED BY THE CONTRACTOR WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXISTING TREES AND OTHER LANDSCAPING THAT IS TO REMAIN, IS TO BE PROTECTED BY INSTALLING 4' ORANGE CONSTRUCTION SAFETY FENCING AROUND THE TREE 2' FROM THE DRIP LINE AND AROUND OTHER PLANTINGS AT THE EDGE OF THE PLANTED AREA.
- EXISTING TREES AND SHRUBS THAT ARE INDICATED "TO BE REMOVED" ON THE PLANS SHALL BE CUT AND DISPOSED OF OFF SITE. THIS INCLUDES THE REMOVAL OF ALL ROOT SYSTEMS AND STUMPS (WHICH MAY BE GROUND) SO THAT THIS MATERIAL DOES NOT INTERFERE WITH THE NEW LANDSCAPE PROGRAM.
- ALL CONSTRUCTION DEBRIS, INCLUDING BUT NOT LIMITED TO ROCKS, CONCRETE, BATTER BOARDS, PIPE, AND FOUNDATION BASE MATERIAL IS TO BE REMOVED FROM AREAS TO BE PLANTED PRIOR TO THE INSTALLATION OF BEDDING SOIL OR BASE PREPARATION FOR SOD.
- UPON COMPLETION OF ALL BED PREPARATION, PLANTS ARE TO BE FULLY ARRANGED IN THE BED PRIOR TO INSTALLATION. THE LANDSCAPE ARCHITECT AND/OR THE OWNER ARE TO APPROVE THE ARRANGEMENT PRIOR TO PLANT INSTALLATION. THE LANDSCAPE CONTRACTOR IS TO ROTATE ALL TREE AND LARGE SHRUB MATERIAL AS TO MAXIMIZE THE BENEFIT OF THE BRANCHING STRUCTURE TOWARDS THE OUTWARD APPEARANCE. FAILURE TO OBTAIN SUCH APPROVAL MAY RESULT IN THE RELOCATION OF MATERIAL.

IRRIGATION NOTES

- * AN IRRIGATION SYSTEM IS REQUIRED AS PART OF THIS DESIGN.
- THE LANDSCAPE CONTRACTOR IS TO PROVIDE A SCHEMATIC IRRIGATION SYSTEM DESIGN WHICH INDICATES THE HEAD LOCATIONS, PIPING DIAGRAM, PIPE SIZES, VALVE LOCATIONS, AND WATER SOURCE CONNECTION. THIS PLAN IS TO REFLECT THE LANDSCAPE PLANTING PLAN INCLUDED AS A PART OF THIS SET. THE IRRIGATION PLAN IS TO BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ANY WORK BEING COMMENCED. SPRAY HEAD OR DRIP APPLICATION SYSTEMS ARE PERMITTED.
 - ALL LANDSCAPE INSTALLATION WORK IS TO BE COORDINATED WITH THE IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR THE ADJUSTMENT OF SPRAY HEADS AND NOZZLES TO FIT THE PLANT MATERIAL FOR THE PROJECT.
 - THE WATER SOURCE FOR THIS PROJECT IS TO BE THE MUNICIPAL WATER SYSTEM SERVING THE SITE. ALL CONNECTIONS TO THE SYSTEM ARE TO BE IN CONFORMANCE WITH THE RULES AND REGULATIONS GOVERNING WATER CONNECTIONS FOR IRRIGATION SYSTEMS IN THE JURISDICTION IN WHICH THIS PROJECT EXISTS. A BACKFLOW PREVENTER IS TO BE INSTALLED AT THE POINT OF WATER SOURCE CONNECTION, PER LOCAL CODES.
 - COVERAGE OF ALL BED AREAS IS TO BE 100%. THE IRRIGATION/LANDSCAPE CONTRACTOR IS TO ENSURE THAT DIRECT OR OVERSPRAY FROM IRRIGATION HEADS IS NOT PERMITTED TO WET WALKWAYS OR BE A DETRIMENT TO ADJACENT STREETS OR DRIVES.
 - ONLY TORO OR RAIN BIRD IRRIGATION PRODUCTS (OR APPROVED EQUAL) WILL BE PERMITTED. THE LANDSCAPE CONTRACTOR IS TO PROVIDE SUBMITTALS ON ALL PRODUCTS TO BE USED IN THE IRRIGATION SYSTEM.
 - THE IRRIGATION SYSTEM MAY MAKE USE OF SPRAY HEADS, DRIP EMITTERS, SOAKER HOSES, OR ANY COMBINATION THEREOF. THE SYSTEM WILL BE A FULLY AUTOMATED SYSTEM WITH INITIAL SET-UP MADE BY THE LANDSCAPE/IRRIGATION CONTRACTOR.
 - IRRIGATION SYSTEM ZONES ARE TO BE HYDRAULICALLY DESIGNED FOR A WATER SOURCE WITH AN OPERATING PRESSURE OF 55 PSI AND A FLOW RATE OF 40 GALLONS PER MINUTE. SYSTEM SHALL BE CONFIGURED TO HAVE NO MORE THAN TWO ZONES OPERATING AT ONE TIME. FOR LARGE SYSTEMS WHERE THESE PARAMETERS ARE NOT ADEQUATE, THE CONTRACTOR WILL REQUEST FROM THE LANDSCAPE ARCHITECT PARAMETER VARIANCES. IF THE FLOW AND PRESSURE IS NOT AVAILABLE, THE CONTRACTOR IS TO CONTACT THE LANDSCAPE ARCHITECT FOR AN ALTERNATE SOURCE.
 - THE IRRIGATION SYSTEM CONTROLLER IS TO BE LOCATED IN AN INCONSPICUOUS LOCATION, AS DIRECTED BY THE OWNER. A 110V POWER SUPPLY SHALL BE PROVIDED BY THE OWNER, AS NEEDED.
 - ALL PIPING IS TO BE PVC CLASS 200 FOR LATERAL, SYSTEM, AND ZONES LINES. ALL MAIN LINE (CONTINUALLY CHARGED) PIPING IS TO BE PVC SCHEDULE 40. LINES ARE TO BE BURIED A MINIMUM OF 16" DEEP. ALL LINES ARE TO BE FLUSHED PRIOR TO THE INSTALLATION OF IRRIGATION HEADS.

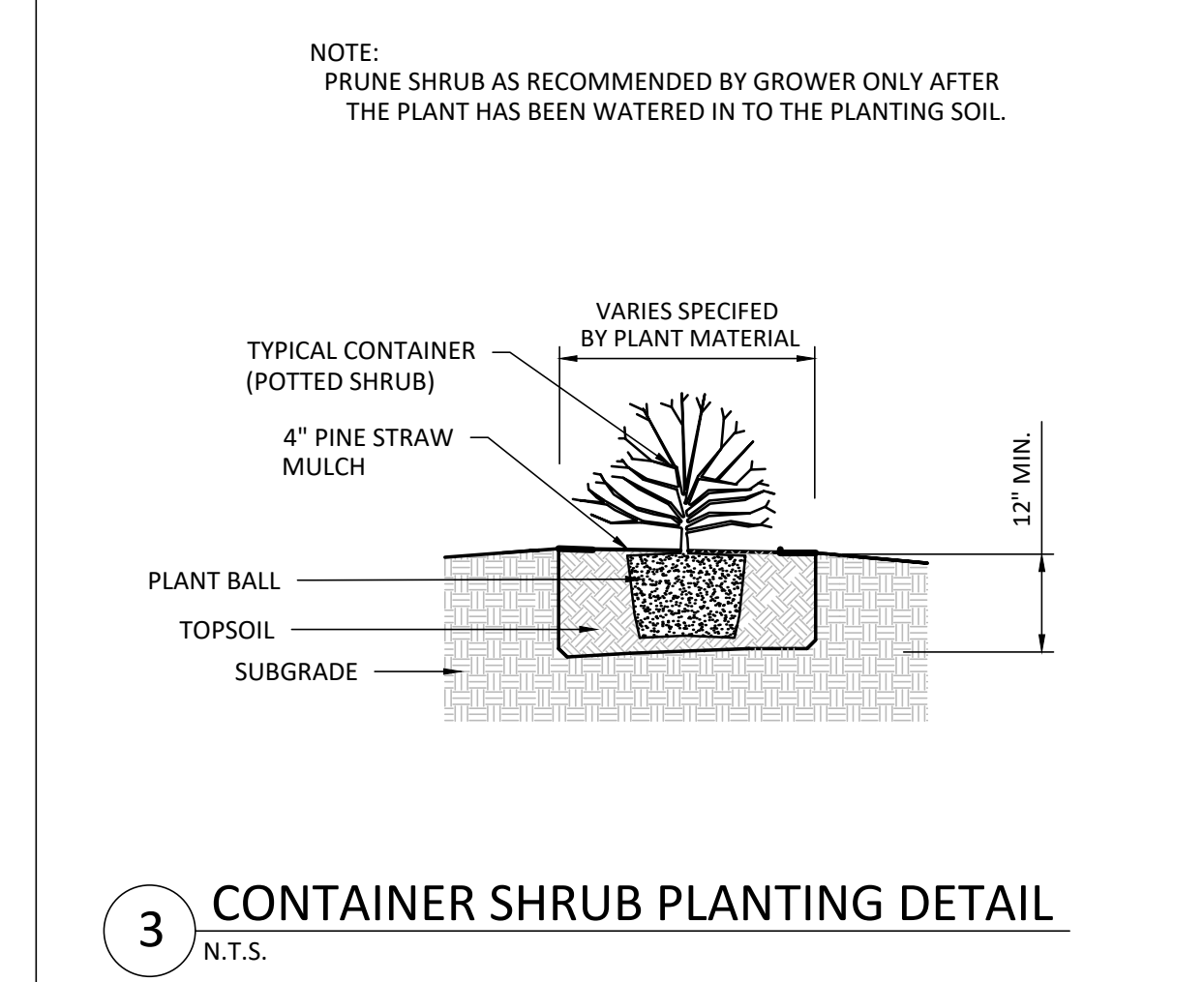
PLANT MATERIAL NOTES

- UPON APPROVAL OF THE PLANTING BED SHAPES AND TREE LOCATIONS, ALL EXISTING VEGETATION IN THESE AREAS IS TO BE CHEMICALLY ERADICATED USING A NON-SELECTIVE HERBICIDE (ROUND-UP OR EQUAL) APPLIED PER MANUFACTURER'S INSTRUCTIONS. BEDDING MATERIAL/PLANTING MEDIUM IS NOT TO BE PLACED IN THESE AREAS UNTIL THE CHEMICAL APPLICATION HAS SATISFACTORILY ELIMINATED THIS VEGETATION.
- WHERE EXCAVATION REVEALS UNSUITABLE SOILS FOR PROPER TREE GROWTH, THE PLANTING HOLE IS TO BE DUG TWO TIMES THE SIZE OF THE ROOT BALL SPECIFIED, AND ALL BACKFILL IS TO BE TOPSOIL OR GARDEN MIX. UNSUITABLE MATERIAL IS TO BE REMOVED FROM THE SITE.
- UPON INSTALLATION OF PLANT MATERIAL, ALL TREE WELLS AND BEDDING AREAS ARE TO BE MULCHED WITH PINE STRAW MULCH, AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER. MULCH SHALL BE A MINIMUM OF 4" THICK AND NOT MOUNDED ABOVE FINISH FLOOR.
- ALL PLANT MATERIAL SPECIFIED IS TO BE FREE OF ALL PESTS, DISEASE, AND OTHER FOREIGN MATTER UPON DELIVERY TO THE SITE. MATERIAL SHOULD COME FROM A REPUTABLE AND LICENSED NURSERY WITHIN THE REGION WHERE THE PROJECT EXISTS. ANY PLANT THAT DOES NOT MEET THESE REQUIREMENTS OR IS NOT IN EXCELLENT HEALTH WILL BE REJECTED.
- ALL PLANT MATERIAL WILL MEET OR EXCEED THE MINIMUM SIZES INDICATED IN THE PLANT MATERIAL SCHEDULE. ADDITIONALLY, ALL CONTAINER PLANT MATERIAL IS TO HAVE BEEN IN THE CONTAINER SIZE SPECIFIED FOR A MINIMUM OF ONE FULL GROWING SEASON. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE MATERIAL IN THE EVENT THESE MINIMUM STANDARDS ARE NOT MET.
- PLANT MATERIAL DELIVERED TO THE PROJECT SITE IS NOT TO BE STOCKPILED FOR MORE THAN THREE DAYS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE HEALTH AND WELL BEING OF ALL LANDSCAPE MATERIAL STAGED ON SITE.
- ALL PLANT MATERIAL IS TO BE FERTILIZED AT THE TIME OF PLANTING WITH A BALANCED, TIME RELEASED FERTILIZER SUITABLE FOR THE SPECIFIC PLANT MATERIAL INSTALLED. FERTILIZATION FOR MATERIAL IN PLANTING BEDS MAY BE INCORPORATED INTO THE SOIL MIX OR APPLIED AT EACH PLANT LOCATION.
- THE LANDSCAPE CONTRACTOR IS TO APPLY A WEED INHIBITOR ON THE SURFACE OF ALL BED AREAS PRIOR TO MULCHING, OR AS PER MANUFACTURER'S INSTRUCTIONS.
- THE SCOPE OF THIS PROJECT INCLUDES THE PRUNING AND MAINTENANCE OF ALL MATERIAL (IMMEDIATELY AFTER PLANTING). PLANT MATERIAL IS TO HAVE THE HIGHEST QUALITY APPEARANCE AT THE TIME OF FINAL PRODUCT ACCEPTANCE.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO WATER ALL MATERIAL THOROUGHLY UPON INSTALLATION, EVERY DAY FOR THE FIRST THREE DAYS FROM PLANTING, THEN EVERY OTHER DAY FOR THE NEXT TEN DAYS. THIS REQUIREMENT WILL BE WAIVED ONCE AN IRRIGATION SYSTEM IS INSTALLED AND OPERATIONAL.
- CONTRACTOR IS TO WARRANT THE SURVIVABILITY OF ALL PLANT MATERIAL FOR ONE YEAR AFTER ACCEPTANCE, WITH EXCEPTIONS BEING MADE FOR FREEZE, WIND DAMAGE, AND VEHICULAR DAMAGE. DROUGHT IS NOT AN EXCEPTION.
- SOIL FOR LAWN AREAS IS TO BE A SANDY LOAM TYPE SOIL, FREE OF STICKS, ROOTS, EXISTING VEGETATION, AND ROCKS, AND IS TO HAVE A MINIMUM DEPTH OF 6" TO 8". BEDDING AREA SOILS ARE TO BE A GARDEN MIX OF SANDY LOAM, FINELY CHOPPED BARK MULCH, AND A NUTRIENT BASE EITHER FROM FERTILIZERS OR NATURAL SOIL AMENDMENTS. ALL BEDDING AREAS ARE TO HAVE A MINIMUM PLANTING DEPTH OF 12". EXISTING MATERIAL MAY BE AMENDED PROVIDED THE QUALITY SPECIFIED ABOVE IS MET.
- ALL LAWN AREAS THAT ARE TO BE SODDED SHALL BE FREE OF NOXIOUS WEEDS AND PESTS, AND SOURCED FROM A LICENSED AND REPUTABLE SOD GROWER LOCATED WITHIN THE REGION. NO "PASTURE GRASS" SOD IS ALLOWED.
- ALL GRADING OF LAWN AND BED AREAS ARE TO BE AWAY FROM STRUCTURES AND WALKS. FINAL LAWN GRADES ARE TO BE ESTABLISHED AS PART OF THE OVERALL DRAINAGE SYSTEM. GUTTER DOWNSPOUTS ARE NOT TO FLOW DIRECTLY INTO BEDDING AREAS. RETRACTABLE DOWNSPOUT EXTENSIONS, SPLASH BLOCKS, OR CONNECTION TO SUBSURFACE DRAINAGE SYSTEMS IS REQUIRED.
- CONTRACTOR SHALL INSTALL A GEOTEXTILE FABRIC BELOW PLANTING BEDS IN THE IMMEDIATE VICINITY OF ANY STRUCTURE TO PREVENT WATER INFILTRATION INTO SUBSOIL AROUND STRUCTURAL FOUNDATIONS.
- ALL NON-PAVED AREAS SHALL BE SODDED OR SEEDED PER PLANTING PLAN. SOD IS TO BE INSTALLED USING A 6" CREST AT THE CENTER OF ALL ISLANDS & SLOPING TO EDGE OF CURB ON BOTH SIDES TO INSURE PROPER DRAINAGE OF ISLAND. ALL HYDRO-SEEDING APPLICATIONS ARE TO BE APPLIED IN A SWEEPING MOTION TO FORM A UNIFORM APPLICATION AND FORM A MAT AT THE SPECIFIC RATES.

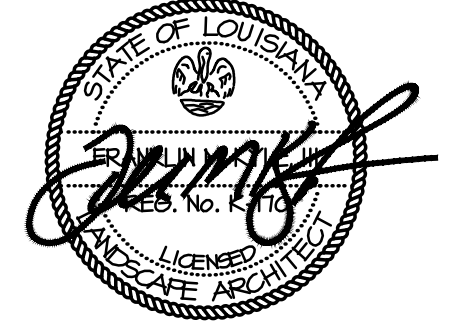


BEDDING SOIL NOTES

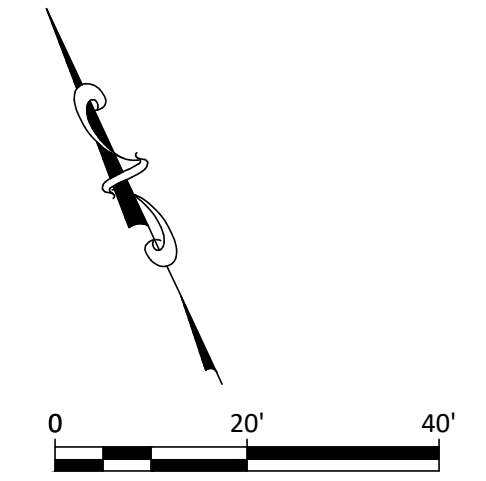
- BEDDING SOIL FOR ALL PLANTED AREAS WILL BE A MODIFIED SANDY LOAN SOIL SUITABLE FOR THE PLANT MATERIALS SELECTED.
- ALL PLANTING AREAS WILL HAVE A MINIMUM OF 12" PLANTING MEDIUM, SLOPED DOWN TO THE EXISTING GRADE AT EACH LOCATION. A TRENCH AT THE BEDDING AREA EDGE IS TO BE EXCAVATED IN WHICH TO HOLD SELECTED MULCH.






1. LANDSCAPE NOTES & DETAILS
SCALE: N.T.S.



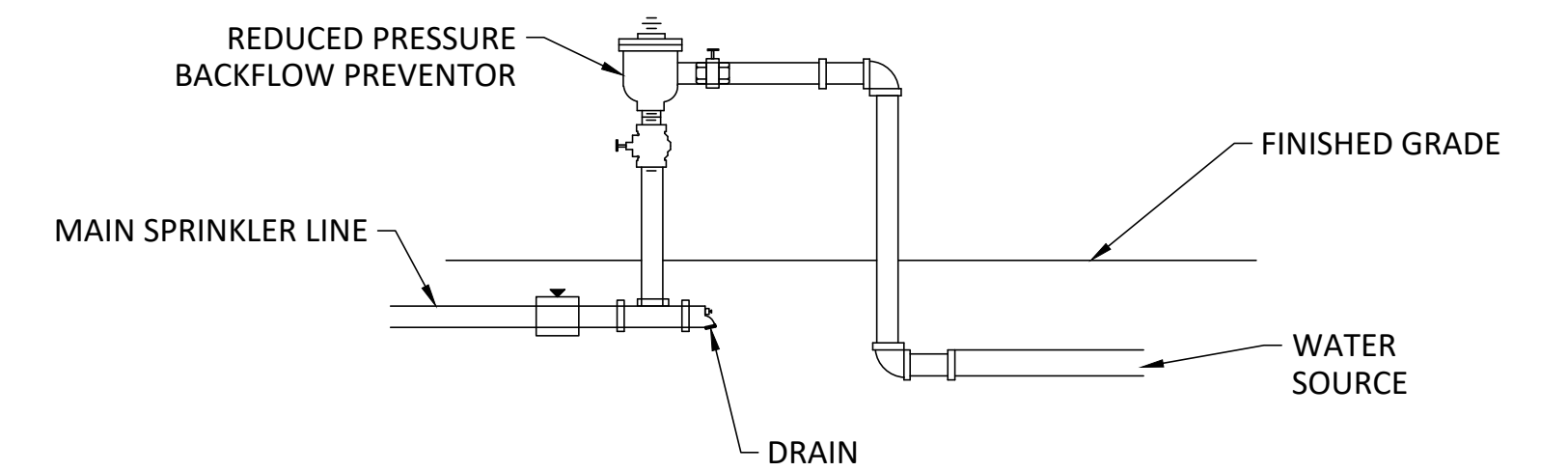
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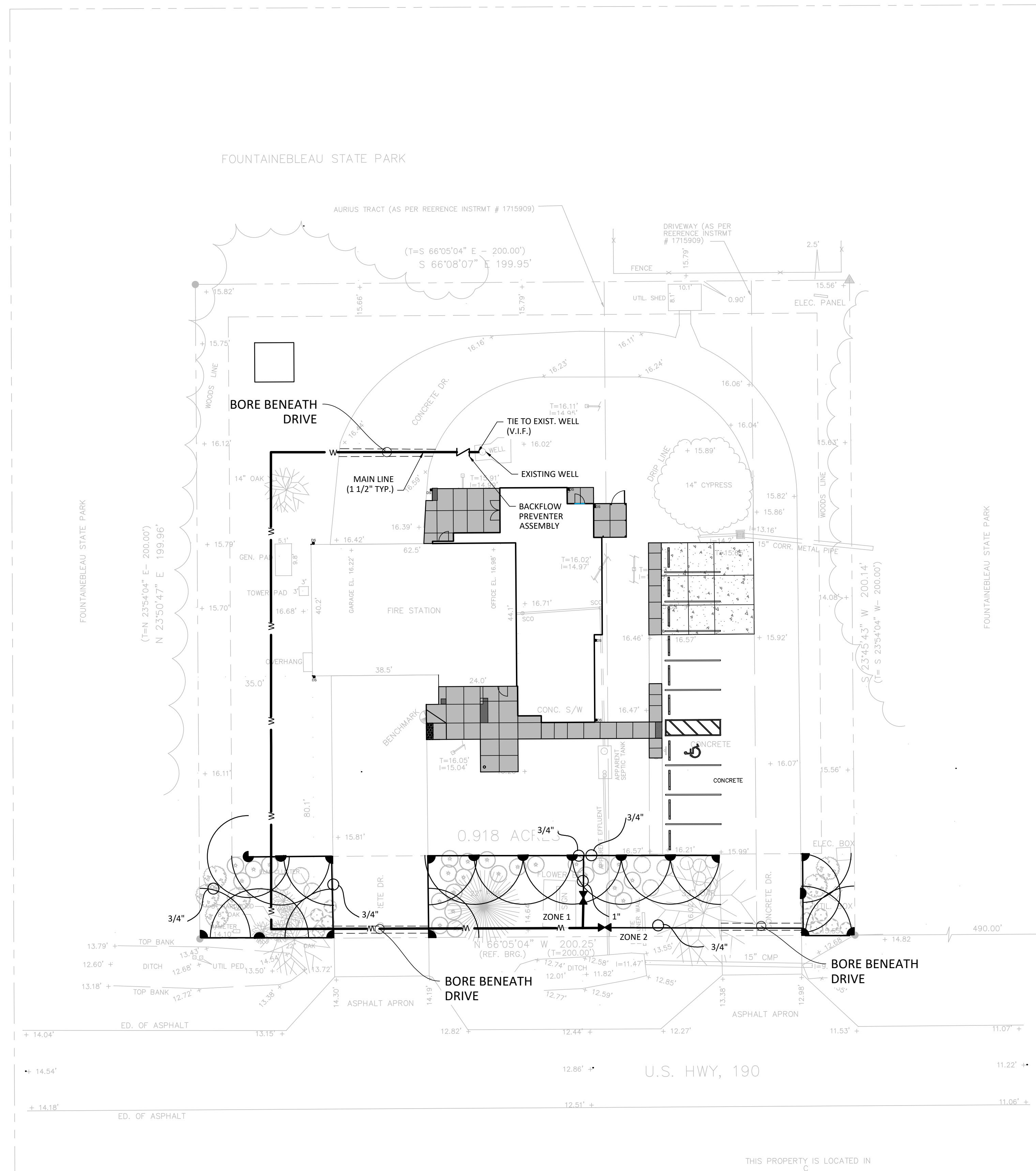
NOZZLE SCHEDULE:

-  90°
-  180°
-  270°

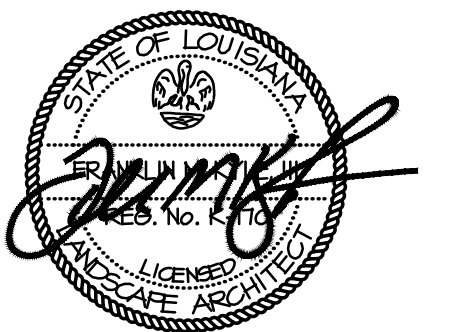
ALL HEADS ARE TO BE TORO 570 SERIES OR APPROVED EQUAL



WATER SOURCE STRUCTURE
N.T.S.



1. IRRIGATION PLAN
SCALE: 1" = 20'



project 1225
 date 01.16.26
 revisions



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FIRE STATION 44
RENOVATIONS AND ADDITIONS
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INDEX TO SHEETS

SHEET # SHEET NAME

S1.0	COVERSHEET
S1.1	FOUNDATION PLAN
S1.2	FOUNDATION PLAN WATER TANK
S1.3	ROOF PLAN
S1.4	FOUNDATION SECTIONS
S1.5	FOUNDATION SECTIONS
S1.6	FRAMING SECTIONS
S1.7	FRAMING SECTIONS

GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF:
American Concrete Institute (ACI) latest edition
American Institute of Steel Construction (AISC) latest edition
American Society of Civil Engineers Standards (ASCE) latest edition
American Forest and Paper Association NDS latest edition
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING STRUCTURES, UNDERGROUND UTILITIES AND OVERHEAD POWER LINES IN THE AREA OF THE WORK AND NOTIFY THE OWNER OF ANY INTERFERENCES BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND CONSTRUCTION.
- DIMENSIONS AND/OR ELEVATIONS MARKED THUS (±) ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS IN THE FIELD.
- DIMENSIONS AND/OR ELEVATIONS MARKED THUS (N.T.S) ARE NOT SHOWN TO SCALE
- THE CONTRACTOR IS RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION AND SHALL PROVIDE TEMPORARY SHORING, BRACING AND OTHER ELEMENTS REQUIRED TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS COMPLETE.

DESIGN LOAD CRITERIA:

CONCRETE, STRUCTURAL STEEL MEMBERS AND CONNECTIONS ARE DESIGNED PER IBC 2021 AND ASCE 7-22 BY ALLOWABLE STRESS DESIGN AND LFRD

LIVE LOADS:

1ST FLOOR = 40 LBS/SQFT
ROOF = 20 LBS/SQFT

WIND LOAD DATA -

PER ASCE 7-22 3-SEC PEAK GUST MPH
RISK CATEGORY II
WIND SPEED = 131 MPH
WIND EXPOSURE B
INTERNAL PRESSURE COEFFICIENT +/-0.18
COMPONENTS AND CLADDING:
WALLS = +47 PSF / -59 PSF
ROOF = +45 PSF / -55 PSF

SEISMIC LOAD DATA:

SITE CLASS D
SMS = 0.16 g
SM1 = 0.14 g
SDS = 0.11 g
SD1 = 0.093 g
OCCUPANCY CATEGORY B

CONCRETE NOTES:

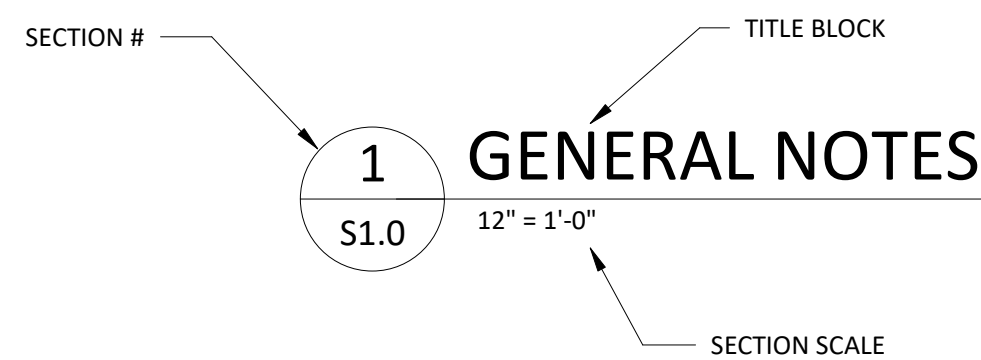
- DESIGN, MATERIALS, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:
 - ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
 - ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
 - ACI 315 DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.
- CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- CONCRETE ADMIXTURES SHALL NOT BE USED WITHOUT OWNER PRIOR APPROVAL.
- PROVIDE ANCHOR/RODS BOLTS CONFORMING TO ASTM F1554 GRADE 36, HEAVY HEXAGON NUTS CONFORMING TO ASTM A563 AND WASHERS CONFORMING TO F436. GALVANIZE BOLTS, NUTS, SLEEVES AND WASHERS IN ACCORDANCE ASTM A153. REINFORCING BARS SHALL CONFORM TO ASTM A615 REQUIREMENTS FOR GRADE 60 DEFORMED BARS. DETAILING & FABRICATION SHALL BE IN ACCORDANCE WITH ACI 315.
- THE CONTRACTOR SHALL POUR (4) CONCRETE TEST CYLINDERS, PER PER 50 CY IN ACCORDANCE WITH ASTM C31 AND TEST THE CYLINDERS IN ACCORDANCE WITH ASTM C39.
- STRUCTURAL COLUMN BASE PLATES SHALL BE GROUTED USING NON SHRINK CEMENT GROUT BY FIVE STAR PRODUCTS INC. OR APPROVED EQUAL.
- CONCRETE SHALL BE CURED IN ACCORDANCE WITH ACI 318 AND 308R.
- ALL SPLICES AND DEVELOPMENT LENGTHS SHALL BE IN ACCORDANCE WITH ACI 318, SECTION 12, "BUILDING CODE REQUIRED FOR STRUCTURAL CONCRETE" ALL SPLICES SHALL BE CLASS "B", UNLESS APPROVED OTHERWISE.

EARTHWORK NOTES:

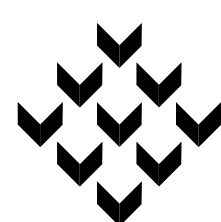
- THE CONTRACTOR SHALL BE RESPONSIBLE IN PERFORMING ALL EARTH WORK IN ACCORDANCE WITH SPECIFICATION 2200 AND BELOW REFERENCED SOILS REPORT.
- THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR MAINTAINING THE STABILITY OF ALL EXCAVATED FACES IN COMPLIANCE WITH OSHA REQUIREMENTS UNTIL FINAL ACCEPTANCE OF THE WORK.
- ALL LIFTS SHALL BE HEAVILY PROOF-ROLLED WITH A MODERATELY HEAVY LOADED PNEUMATIC ROLLER. SOILS THAT ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOADS SHALL BE UNDERCUT AND REPLACED WITH PROPERLY COMPACTED FILL.
- BACK FILL:** SHALL BE A CLASSIFIED AS SC OR CL WITH A PLASTICITY INDEX BETWEEN 5 AND 25.
- ALL FILL SHALL BE PLACED IN LIFTS NO GREATER THAN 9 INCHES AND COMPACTED TO 95% MODIFIED PROCTOR.
- EXCESS EXCAVATED MATERIAL AND/OR UNUSED BACK FILL MATERIALS SHALL BE REMOVED AND HAULED TO AN AREA DESIGNATED BY OWNER.
- WASHED SAND SHALL COMPLY WITH ASTM C33 FOR FINE AGGREGATE CONCRETE SAND.
- SOIL BEARING CAPACITY : 1500 PSF

TIMBER NOTES:

- DESIGN, MATERIALS, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL FOREST PRODUCTS ASSOCIATION "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION."
- ALL SOLID WOOD FRAMING SHALL BE SOUTHERN PINE NO.2 UNLESS NOTED OTHERWISE ON DRAWINGS.
- ALL METAL HARDWARE AND FRAMING ACCESSORIES SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY. SUBSTITUTIONS SHALL NOT BE MADE. ALL ITEMS SHALL BE INSTALLED PER THE SIMPSON'S INSTALLATION REQUIREMENTS. ALL NAIL HOLES SHALL BE FILLED WITH THE RECOMMENDED FASTENER UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- ALL DIMENSIONAL LUMBER SHALL BE CERTIFIED BY THE SUPPLIER TO BE KILN DRIED
- ALL WALLS SHALL HAVE DOUBLE TOP PLATES AND SHALL STAGGER SPICING. TOP PLATES AT WALL INTERSECTIONS SHALL BE LAPPED AND NAILED WITH (3) 16D NAILS
- WHERE FRAMING HANGERS OR CONNECTORS ARE REQUIRED BUT HAVE NOT BEEN SPECIFIED ON THE DRAWINGS, PLEASE CONTACT STRUCTURAL ENGINEER ON RECORD TO SPECIFY CONNECTION.
- OPEN WEB JOISTS SHALL BE OF THE SAME SIZE AND TYPE AS SHOWN ON THE DRAWINGS AN BE BY AN APPROVED MANUFACTURED. BRIDGING, BRACING AND BLOCKING SHALL BE IN CONFORMANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- HOLES WITHIN THE JOISTS SHALL CONFORM TO MANUFACTURERS RECOMMENDATIONS. NOTCHES IN THE TOP AND BOTTOM FLANGES ARE NOT ALLOWED.
- ROOF AND WALL PANELS SHALL BE APA RATED, EXPOSURE 1, 1/2" OR 5/8" (AS NOTED ON DRAWINGS) = 5 PLY PLYWOOD WITH A MIN. 32/16 SPAN RATING U.N.O.. SHEATHING SHALL BE EXTERIOR GRADE WHERE EITHER SIDE IS EXPOSED PERMANENTLY TO WEATHER.
- ALL FLOOR AND ROOF SHEATHING SHALL BE INSTALLED WITH THE FACE GRAIN PERPENDICULAR TO THE SUPPORTS AND A 1/8" GAP AT ALL PANELS EDGES UNLESS RECOMMENDED OTHERWISE BY PANEL MANUFACTURER.
- ALL SHEATHING PANELS SHALL BE INSTALLED WITH END JOINTS STAGGERED AND BLOCKING AT ALL JOINTS.
- ALL NAILS SHALL BE COMMON NAILS, ROOF SHEATHING SHALL UTILIZE RING SHANK NAILS. STAINLESS STEEL TYPE 316 NAILS SHALL BE USED AT PERMANENTLY EXPOSED EXTERIOR AREAS. ALL NAILS THAT ARE NOT EXPOSED TO THE ELEMENTS BUT IN CONTACT WITH PRESERVATIVE TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED MEETING ASTM A153.
- ALL LVL BEAMS SHALL BE SUPPORTED BY BUILT UP TIMBER COLUMNS OR STEEL COLUMNS OR AS SHOWN IN PLAN



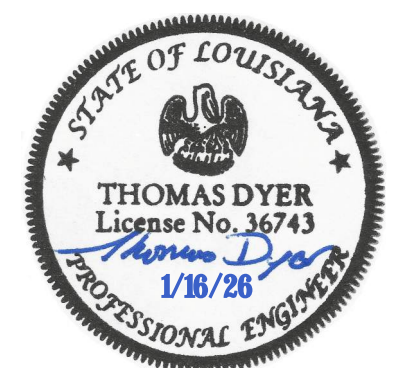
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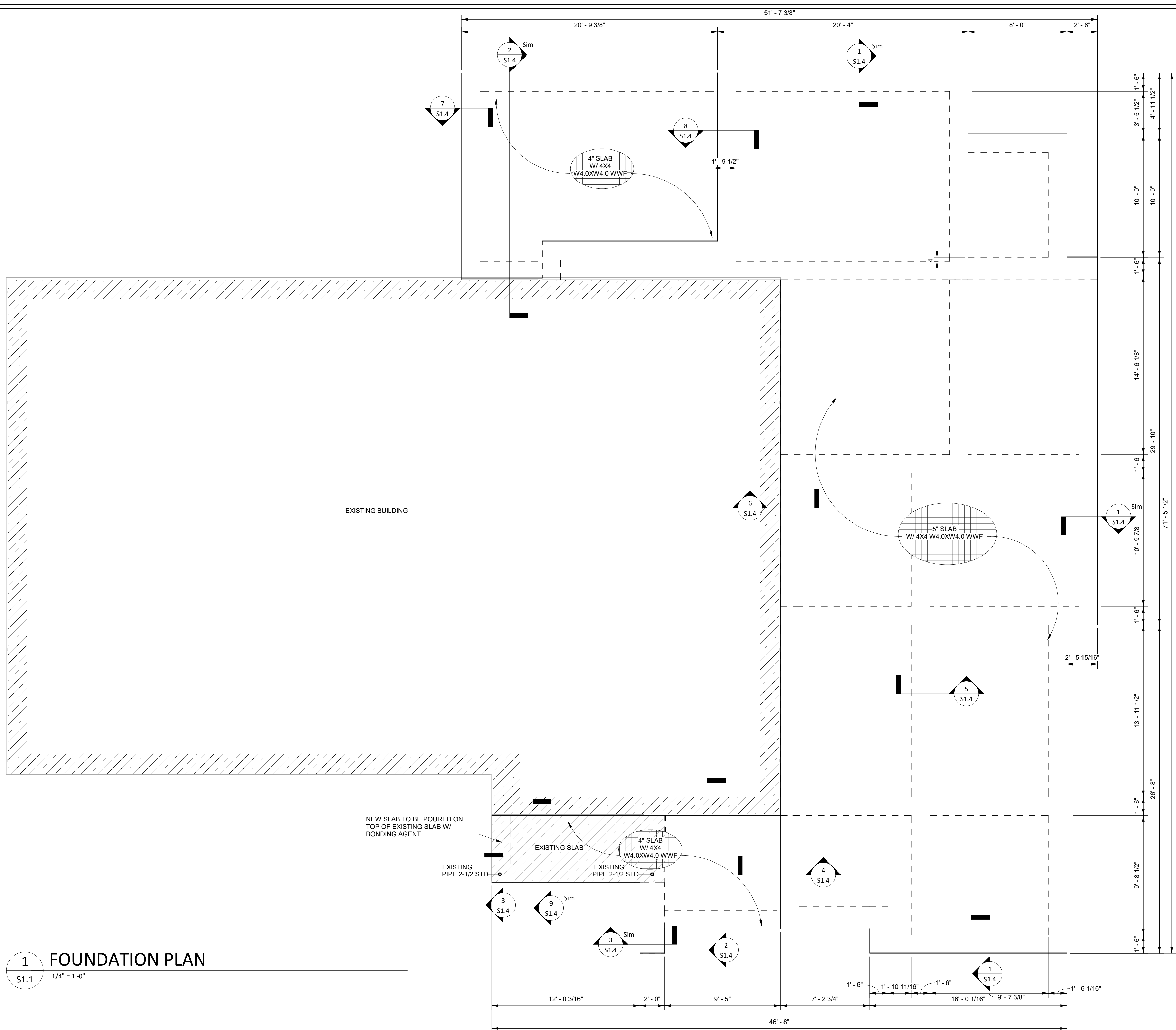
FIRE STATION 44
RENOVATIONS AND ADDITIONS
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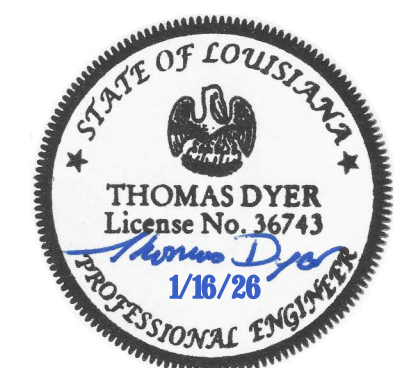
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S1.0

of



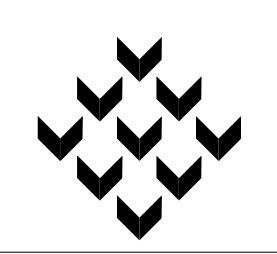
1 FOUNDATION PLAN
 S1.1 1/4" = 1'-0"



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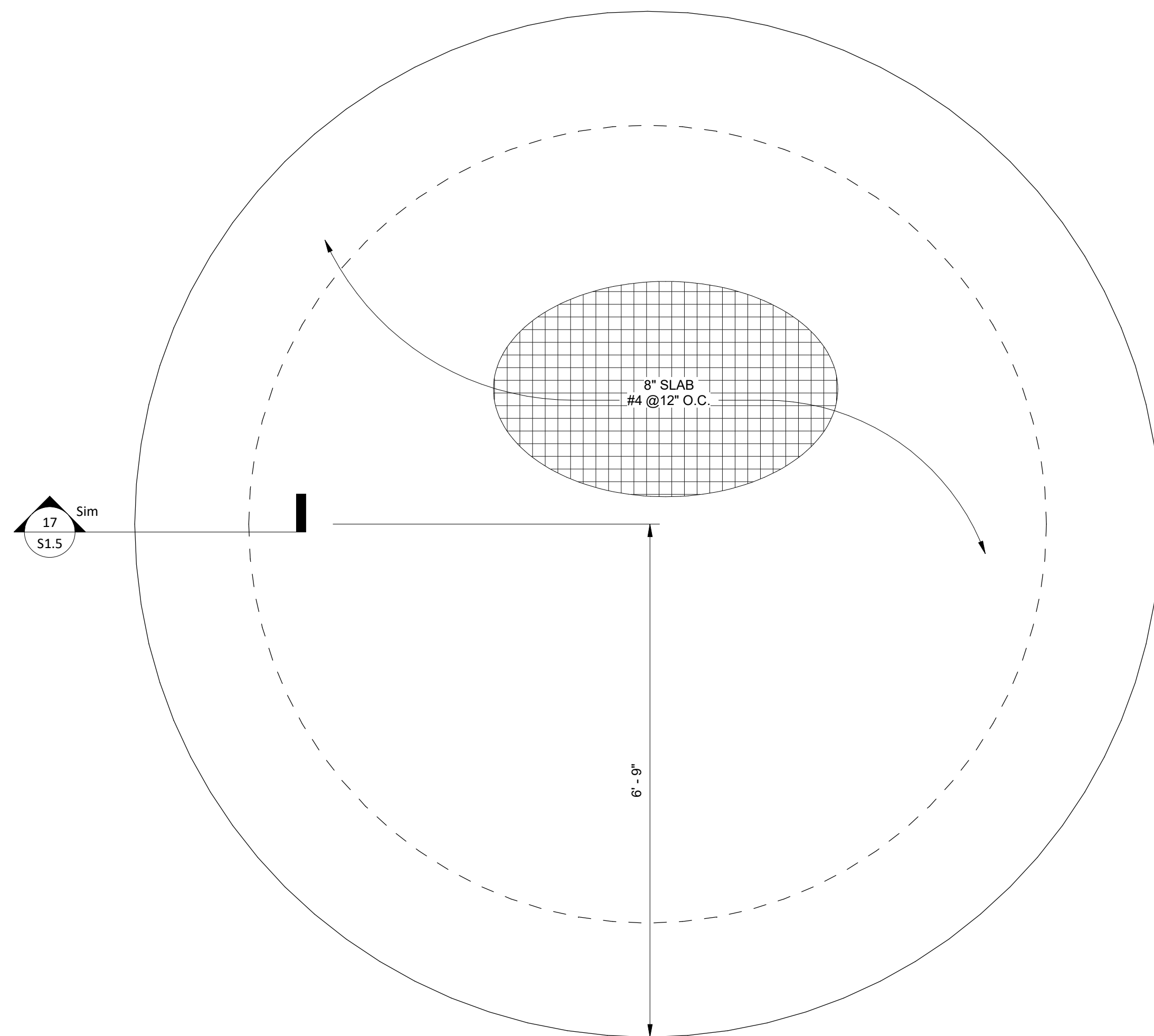
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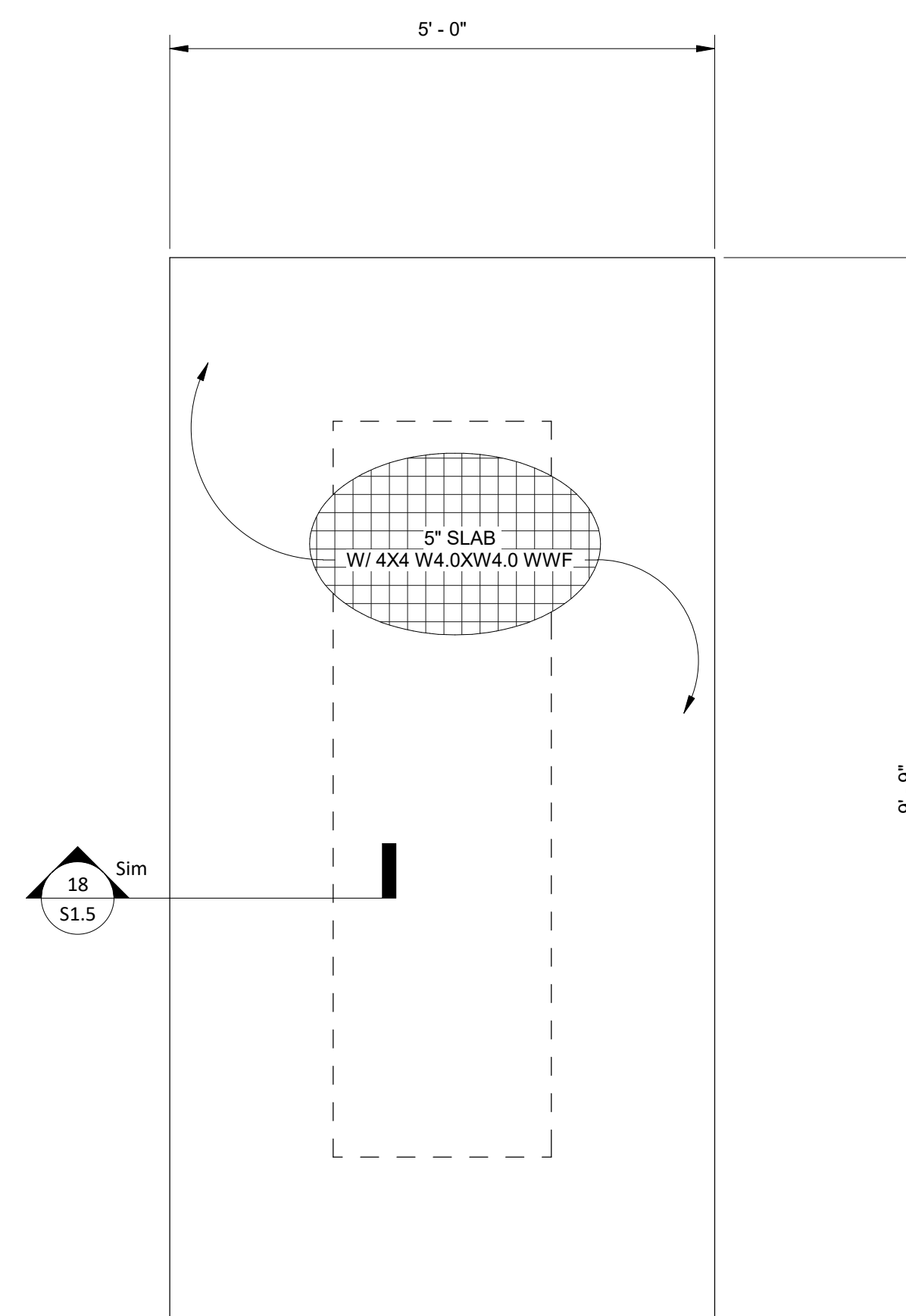
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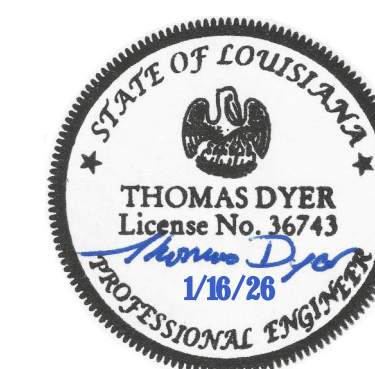
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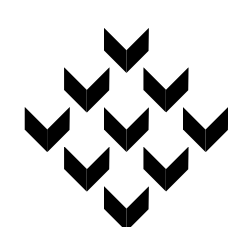
1 WATER TANK
S1.2 3/4" = 1'-0"



2 GENERATOR PAD
S1.2 3/4" = 1'-0"



project 1225
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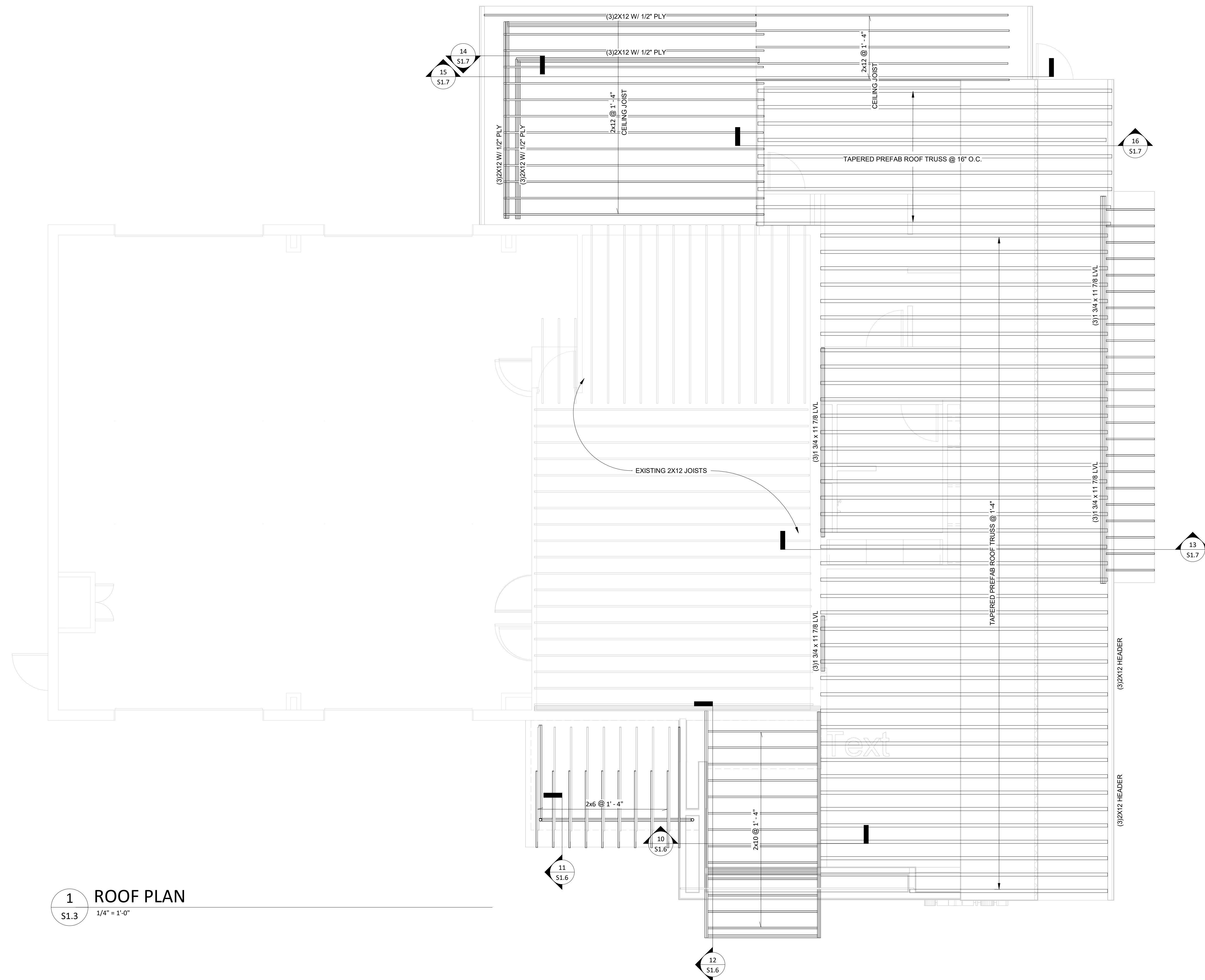
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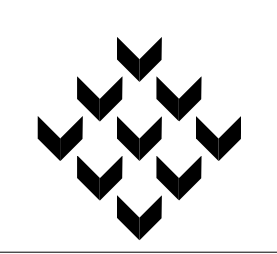
S1.2

of



1 ROOF PLAN
 S1.3 1/4" = 1'-0"

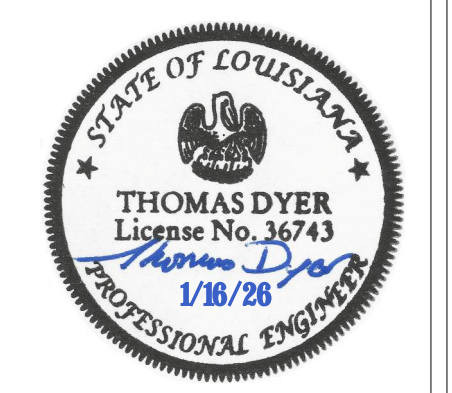
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 date 01/16/26
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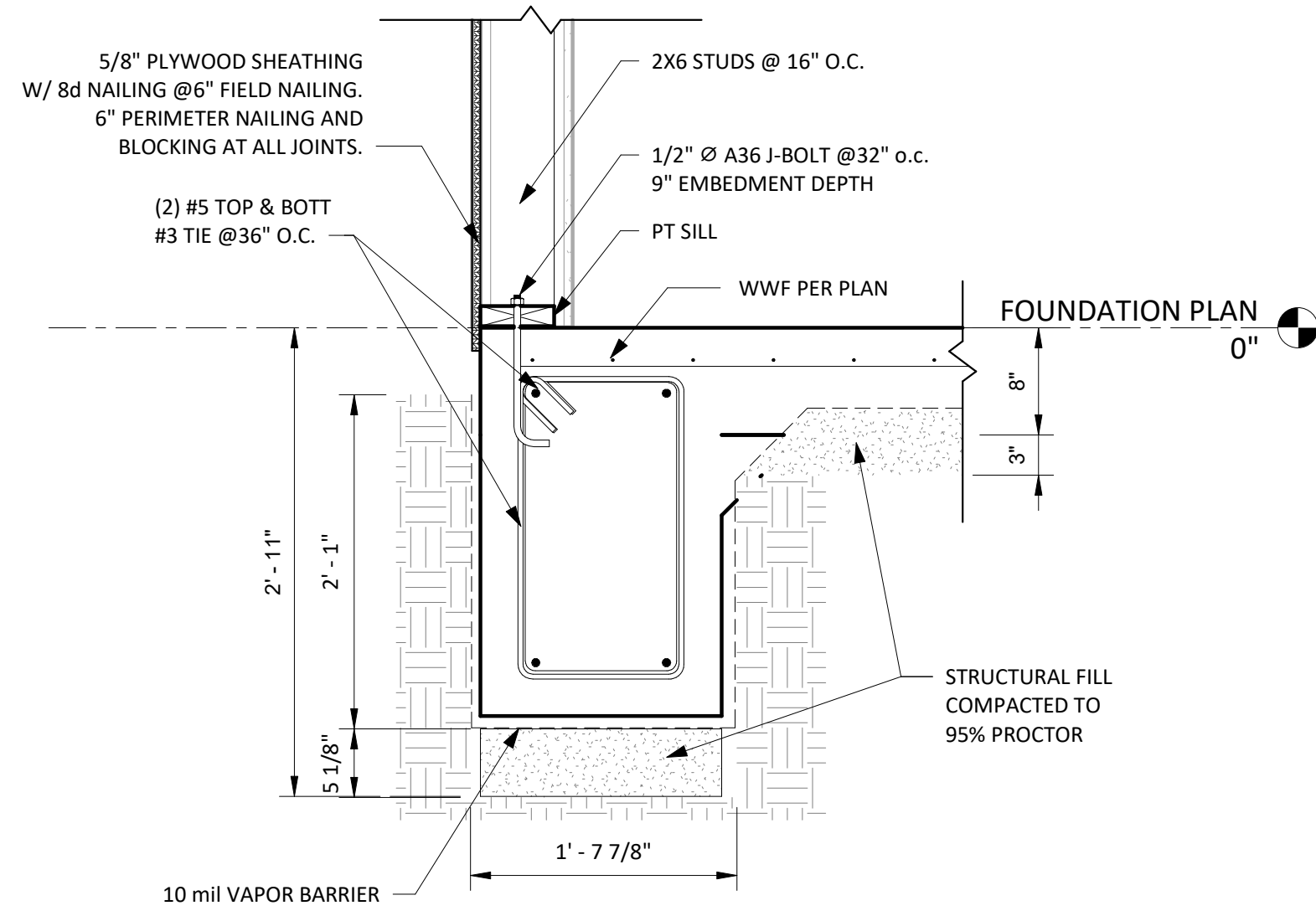
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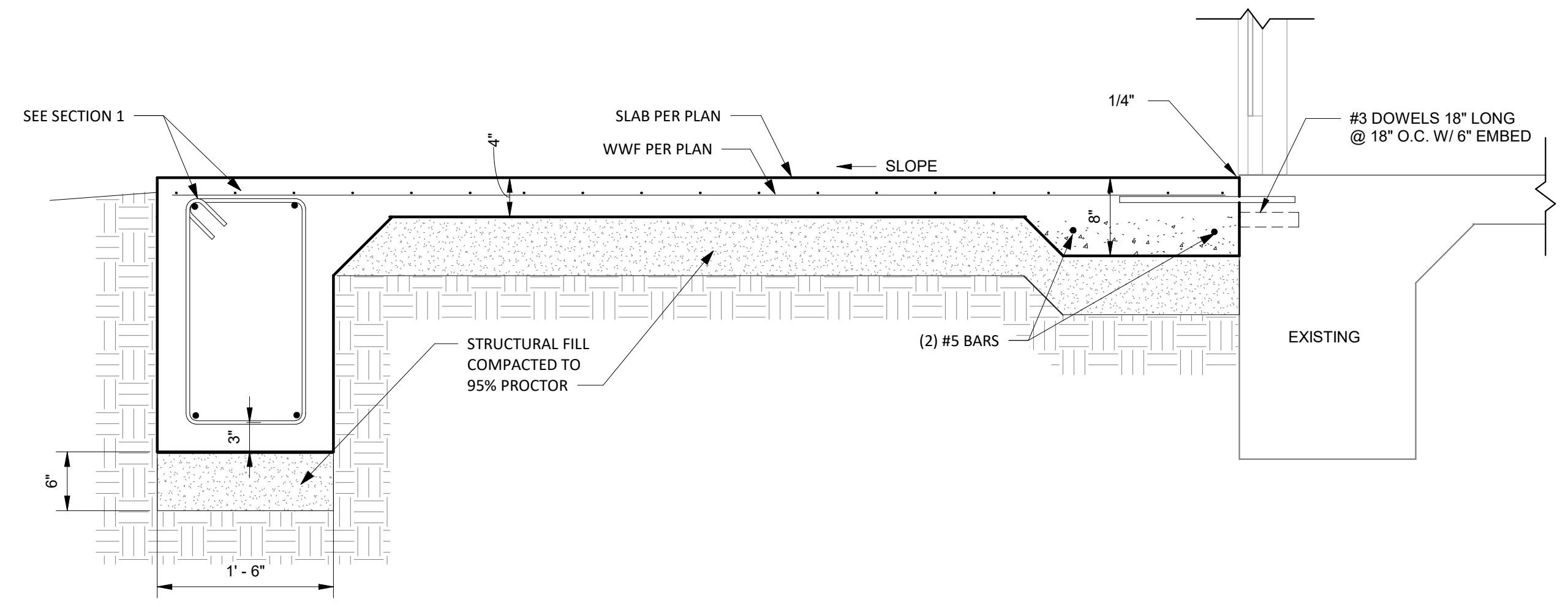
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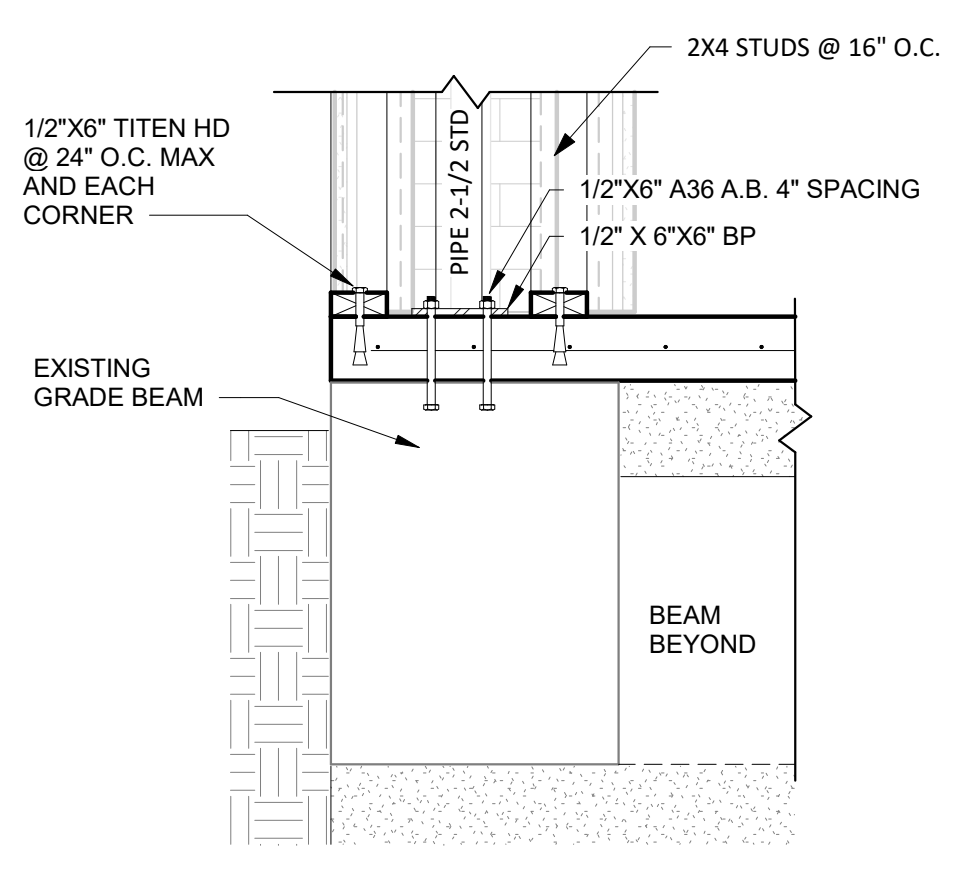
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S1.3
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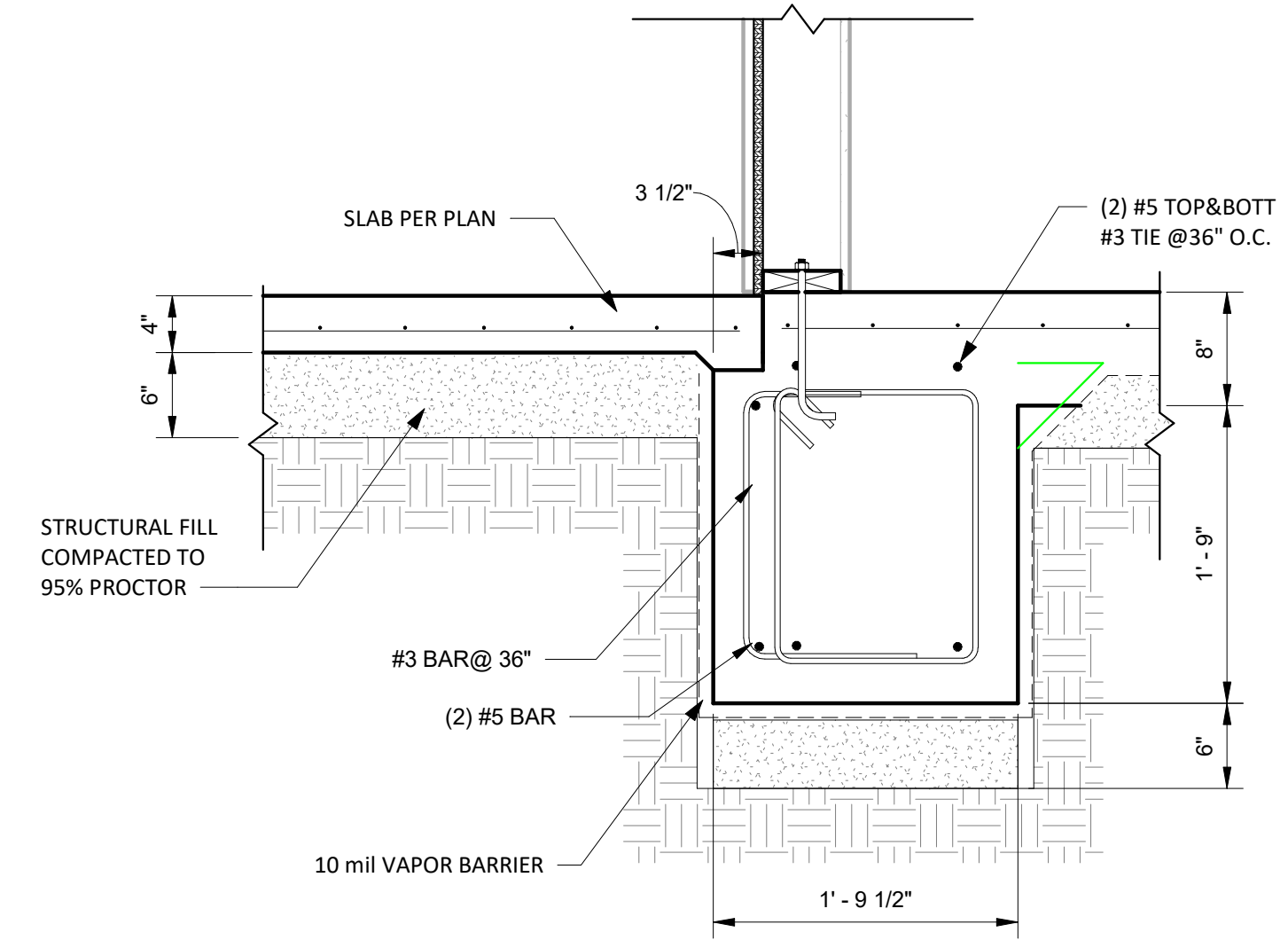
1 SECTION 1
S1.4 1" = 1'-0"



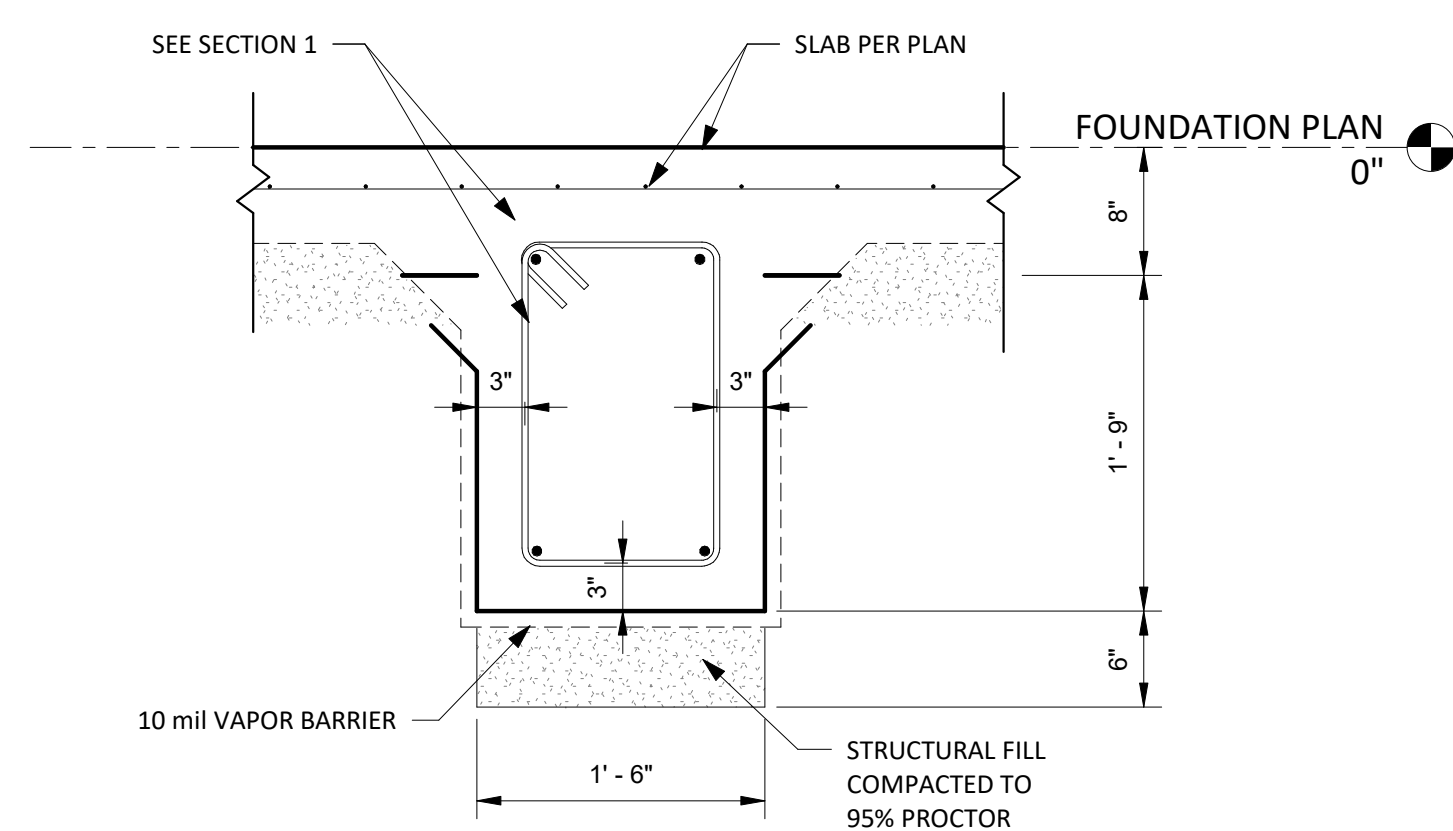
2 SECTION 2
S1.4 1" = 1'-0"



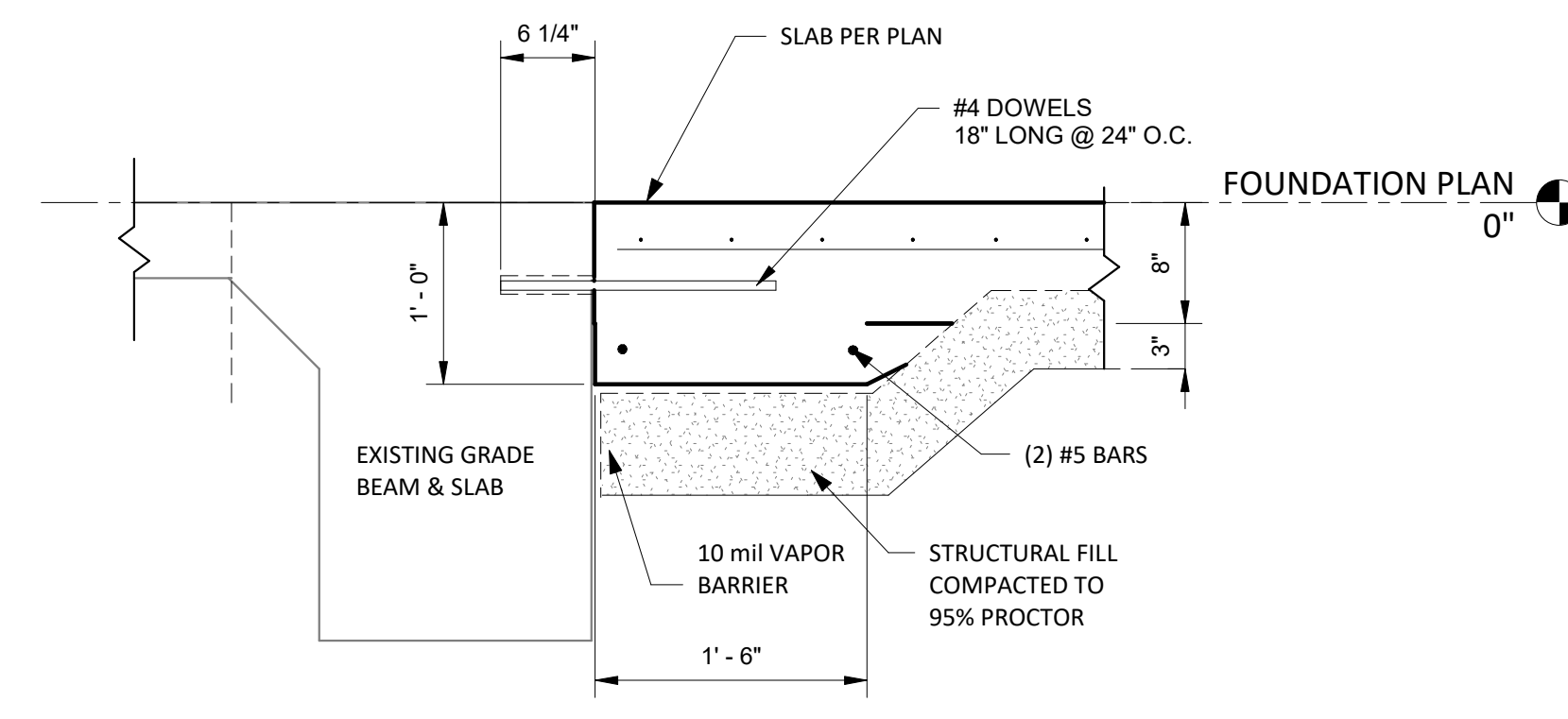
3 SECTION 3
S1.4 1" = 1'-0"



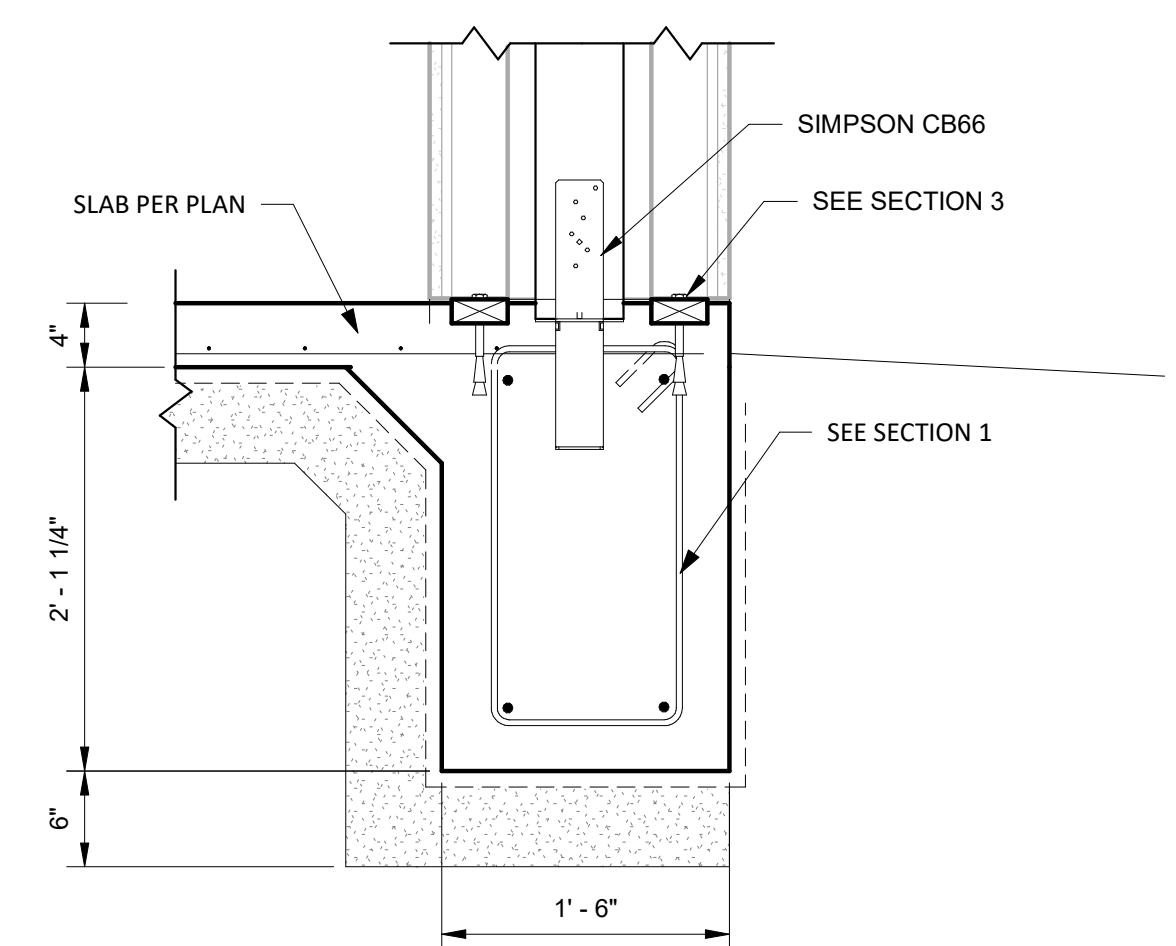
4 SECTION 4
S1.4 1" = 1'-0"



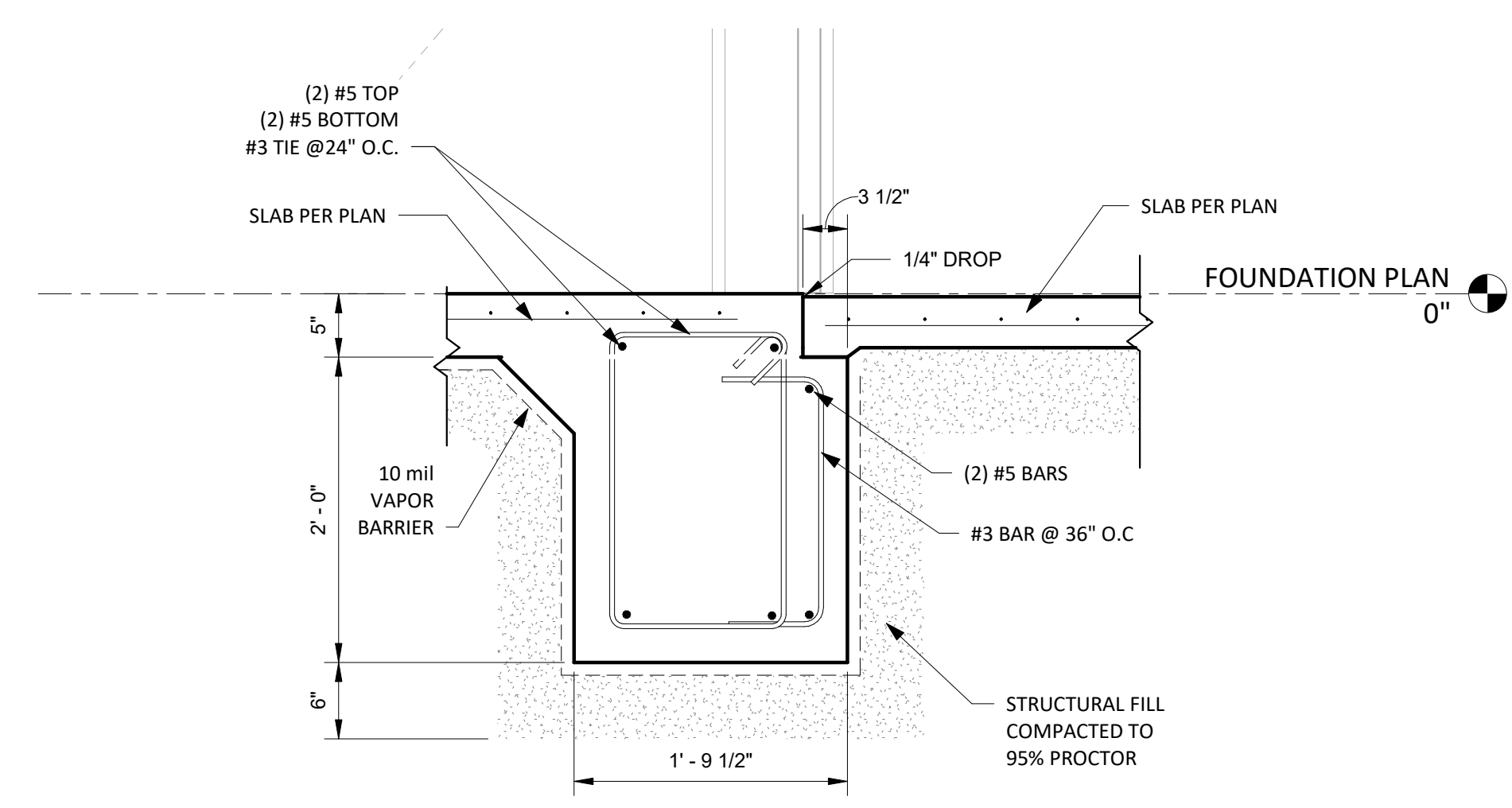
5 SECTION 5
S1.4 1" = 1'-0"



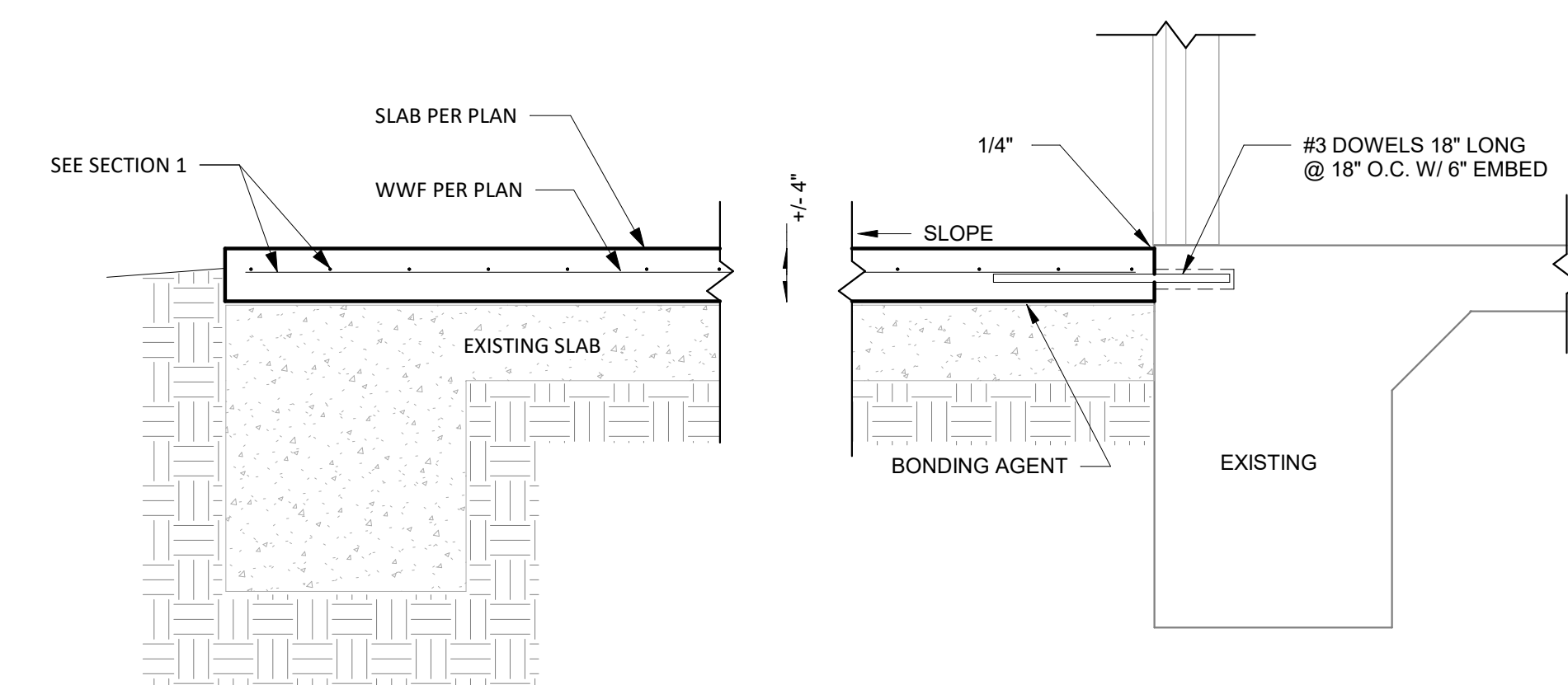
6 SECTION 6
S1.4 1" = 1'-0"



7 SECTION 7
S1.4 1" = 1'-0"

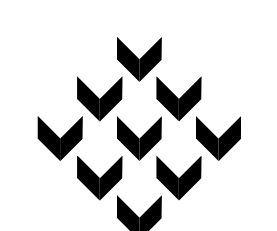


8 SECTION 8
S1.4 1" = 1'-0"



9 SECTION 9
S1.4 1" = 1'-0"

project 1225
date 01/16/26
revisions

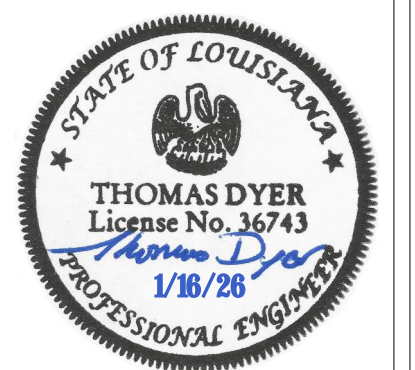


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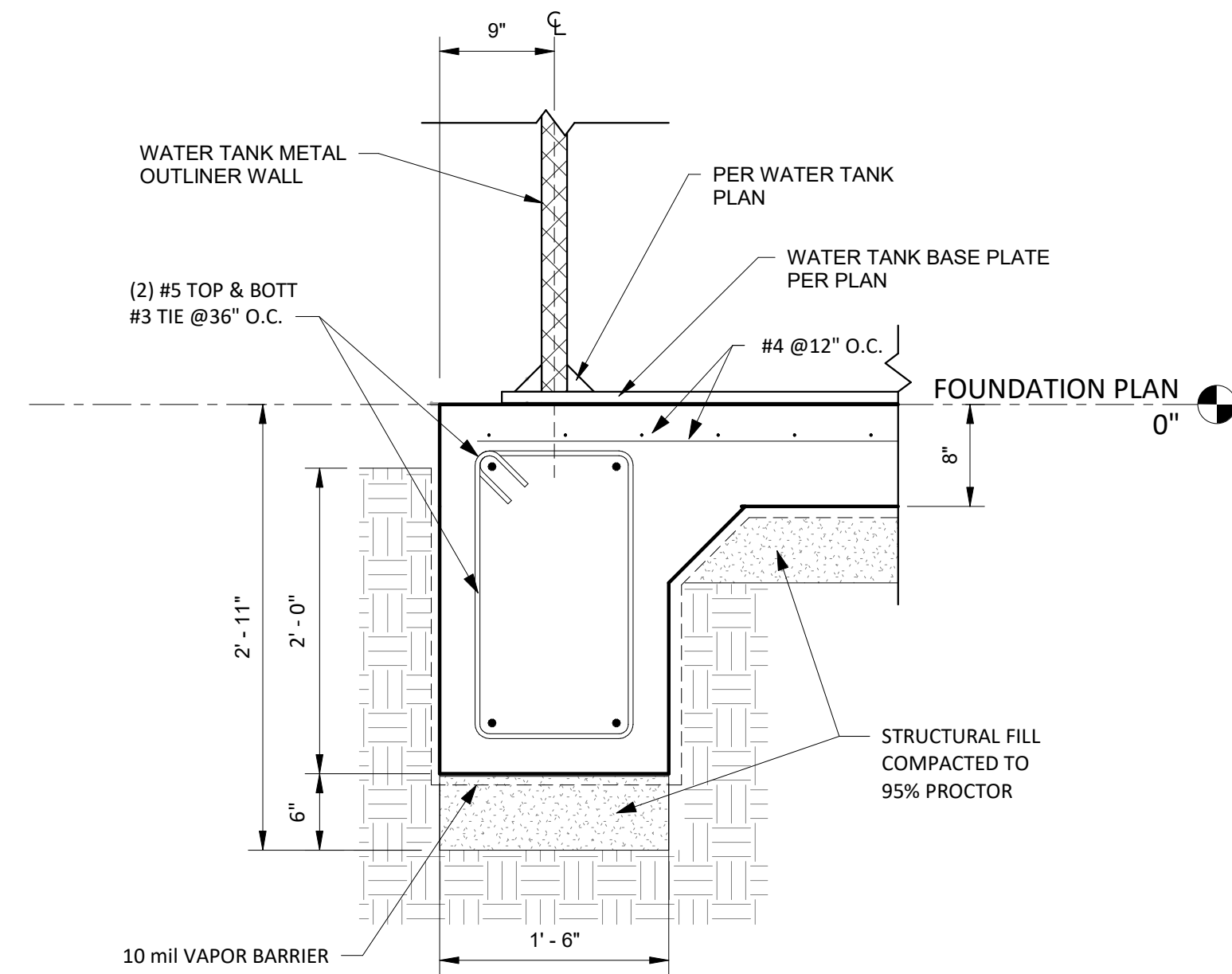
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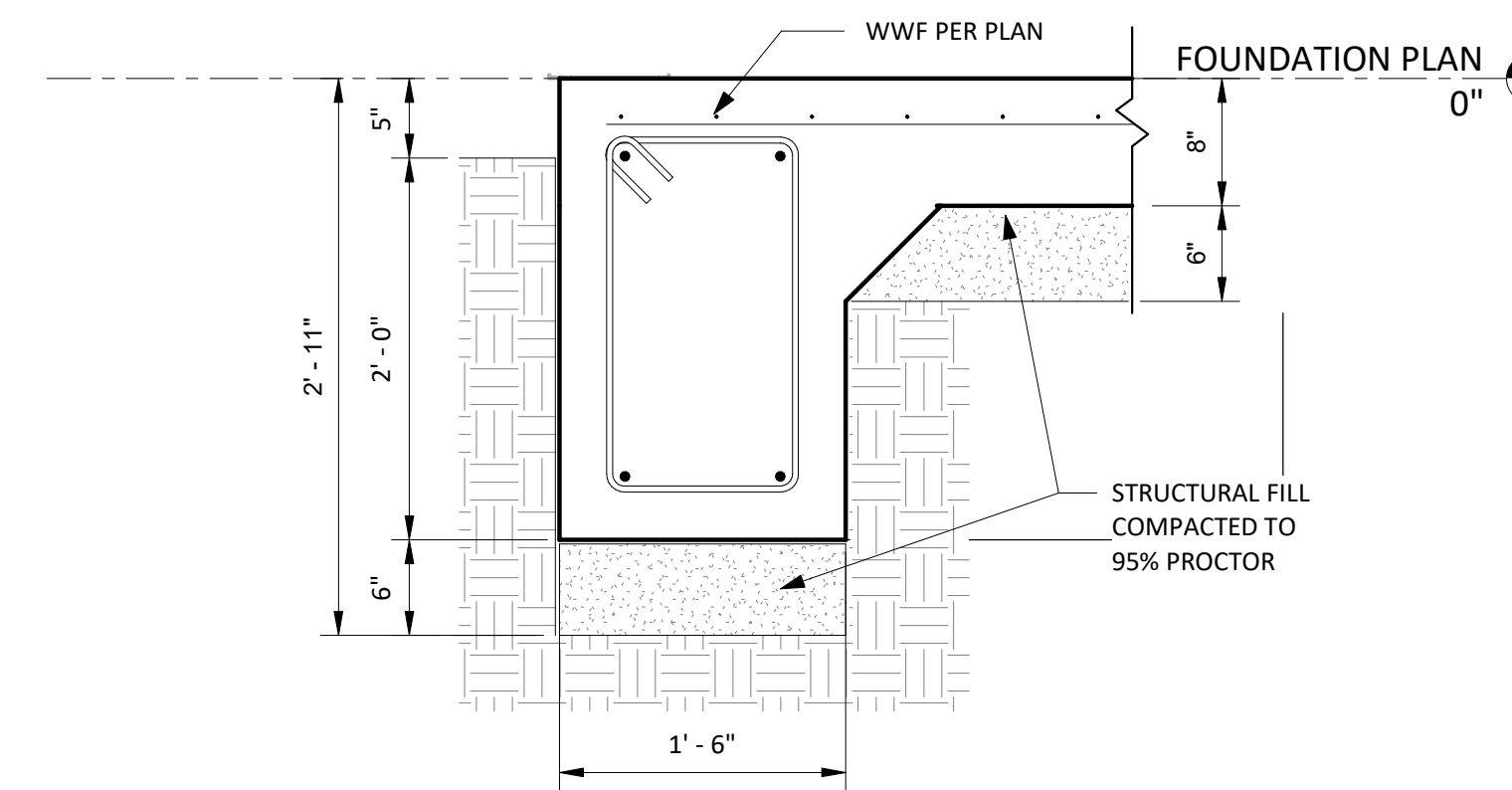
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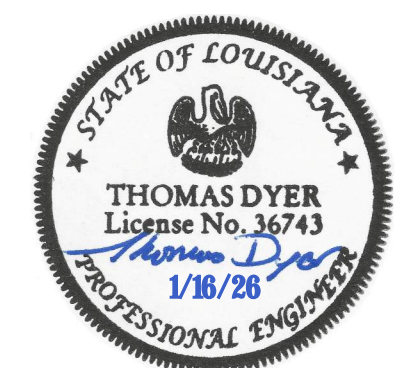
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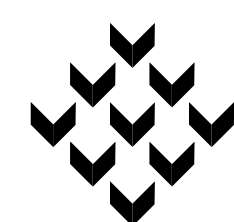
17 SECTION 17
 S1.5 1" = 1'-0"



18 SECTION 18
 S1.5 1" = 1'-0"



project 1225
 date 01/16/26
 revisions



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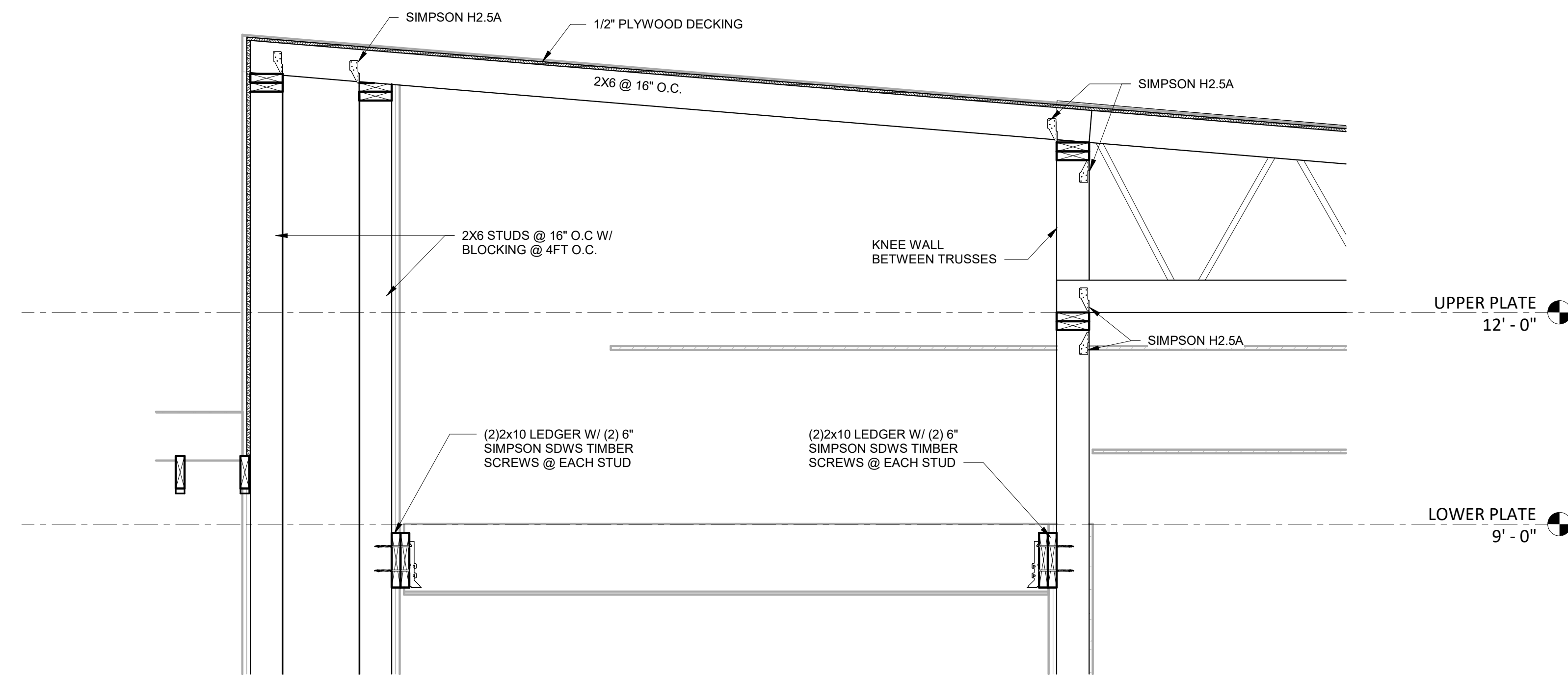
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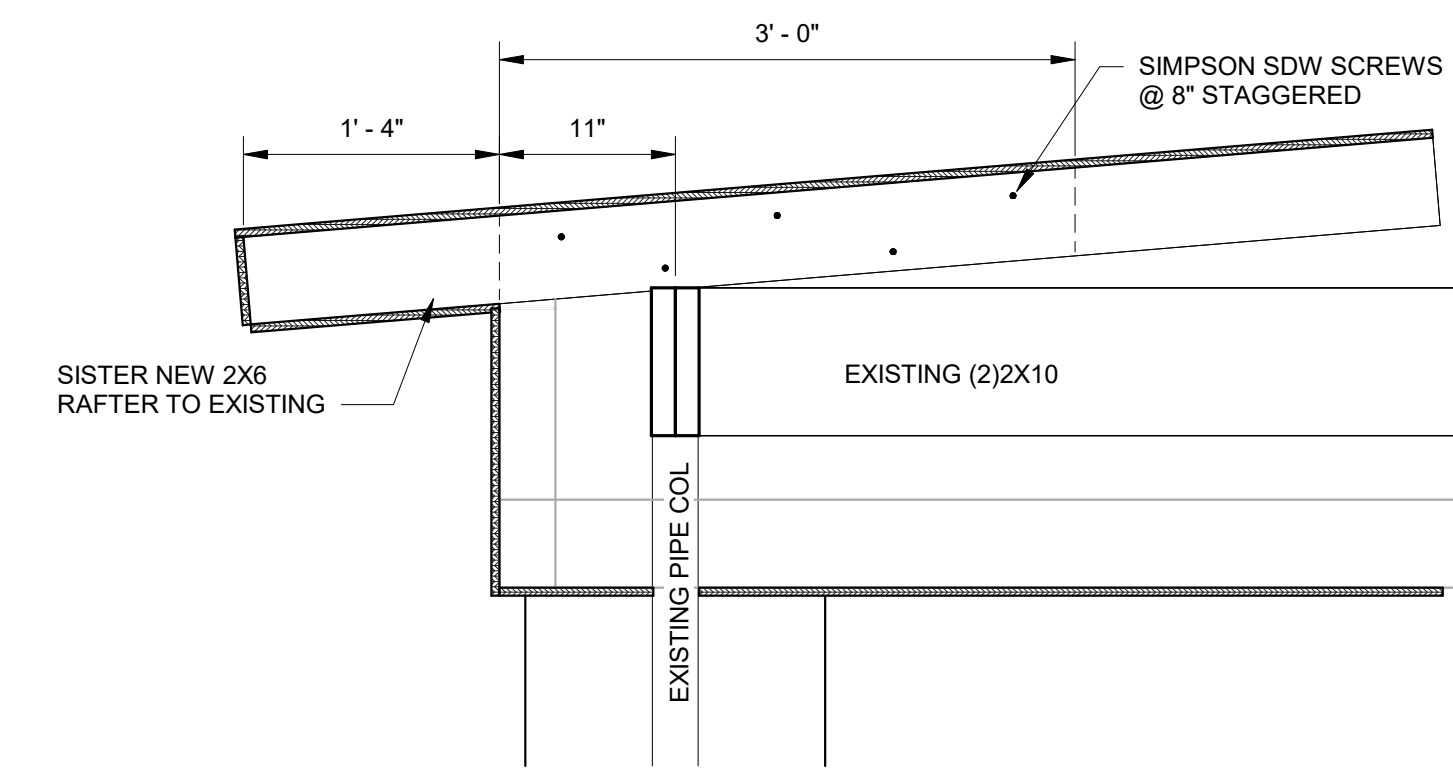
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S1.5

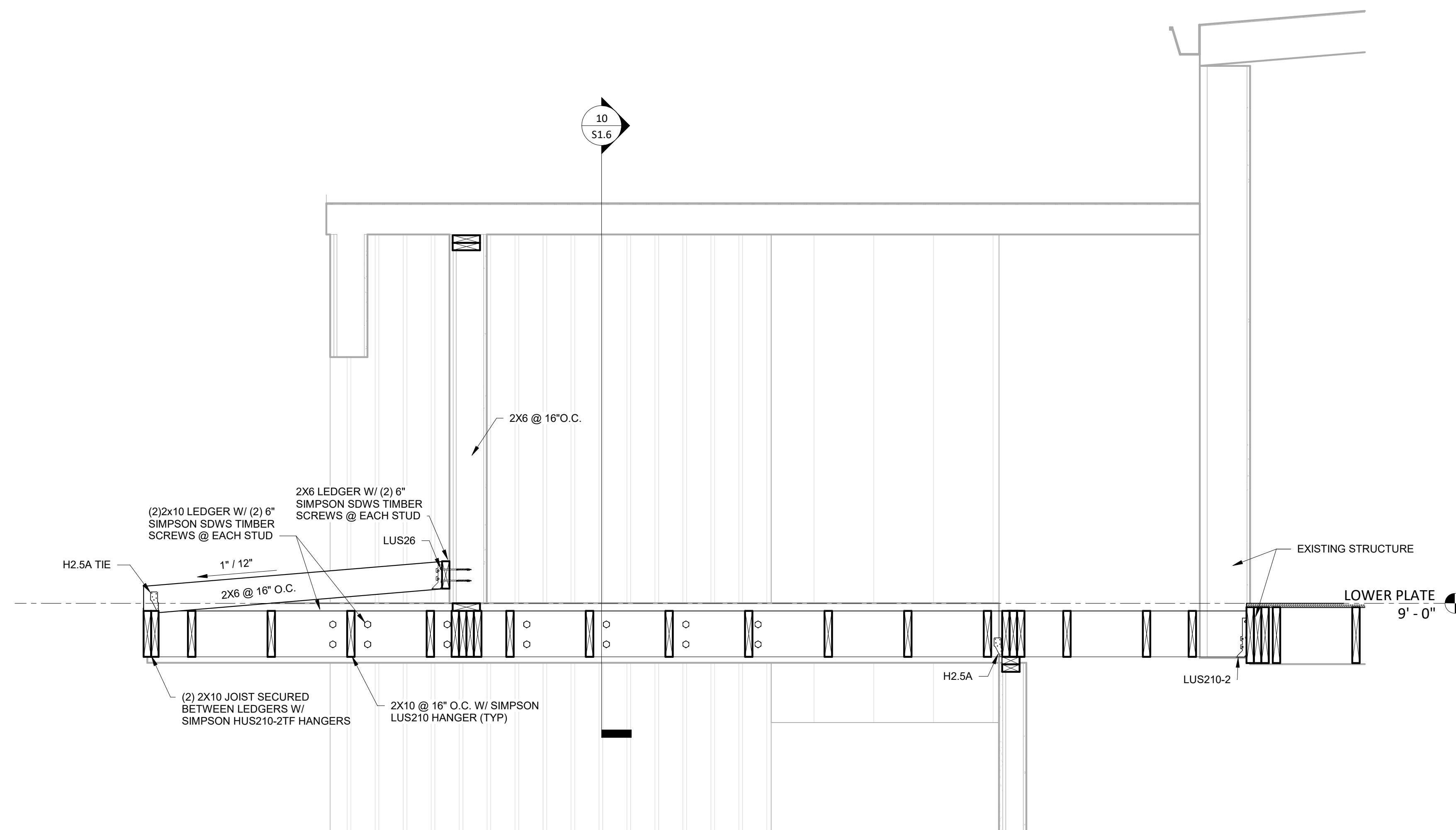
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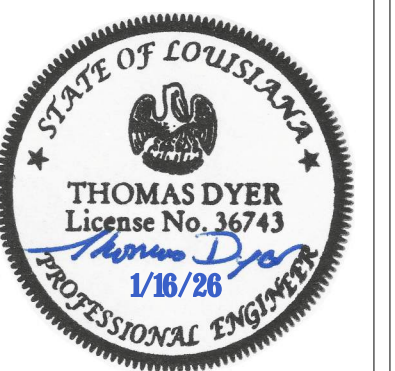
10 Section 10
S1.6 3/4" = 1'-0"



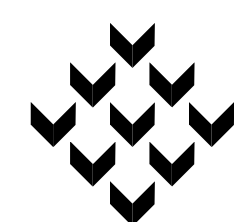
11 Section 11
S1.6 1" = 1'-0"



12 Section 12
S1.6 3/4" = 1'-0"



project 1225
date 01/16/26
revisions



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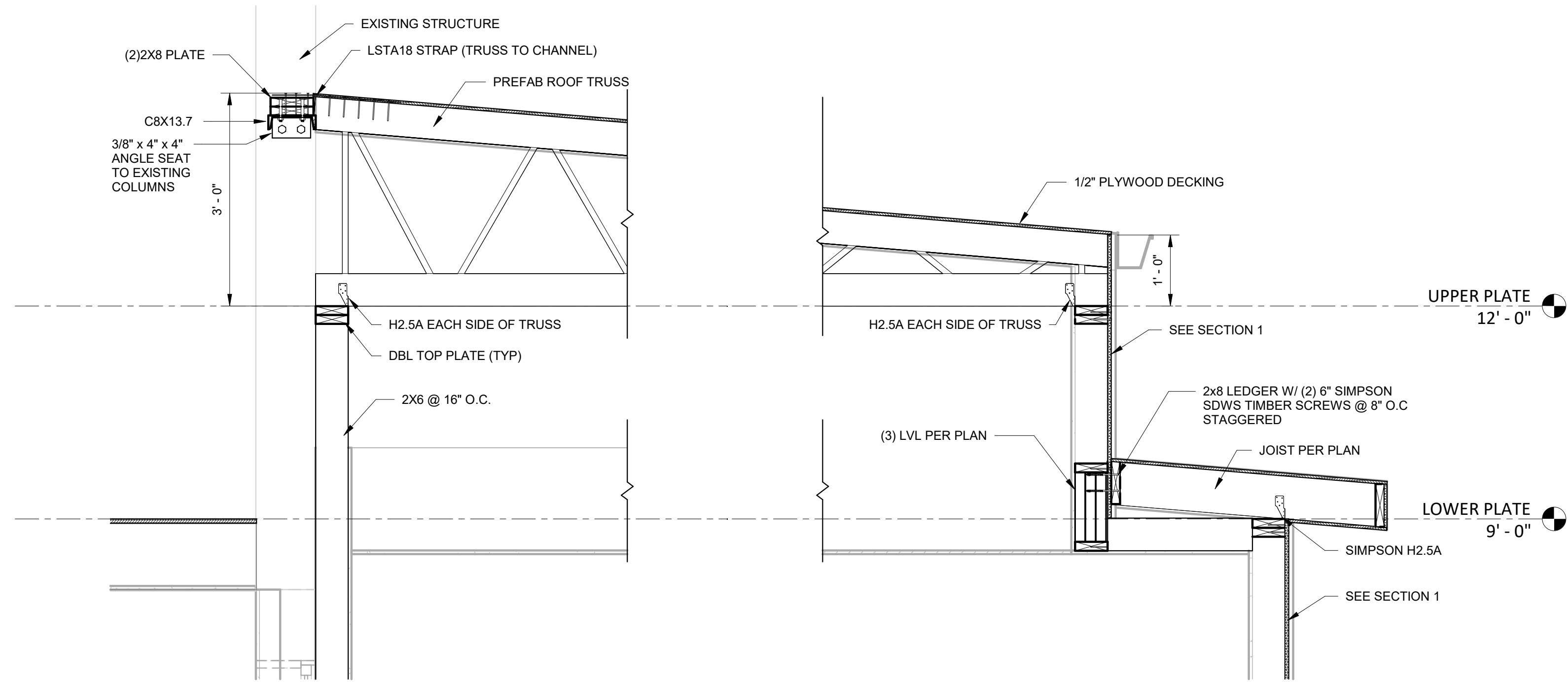
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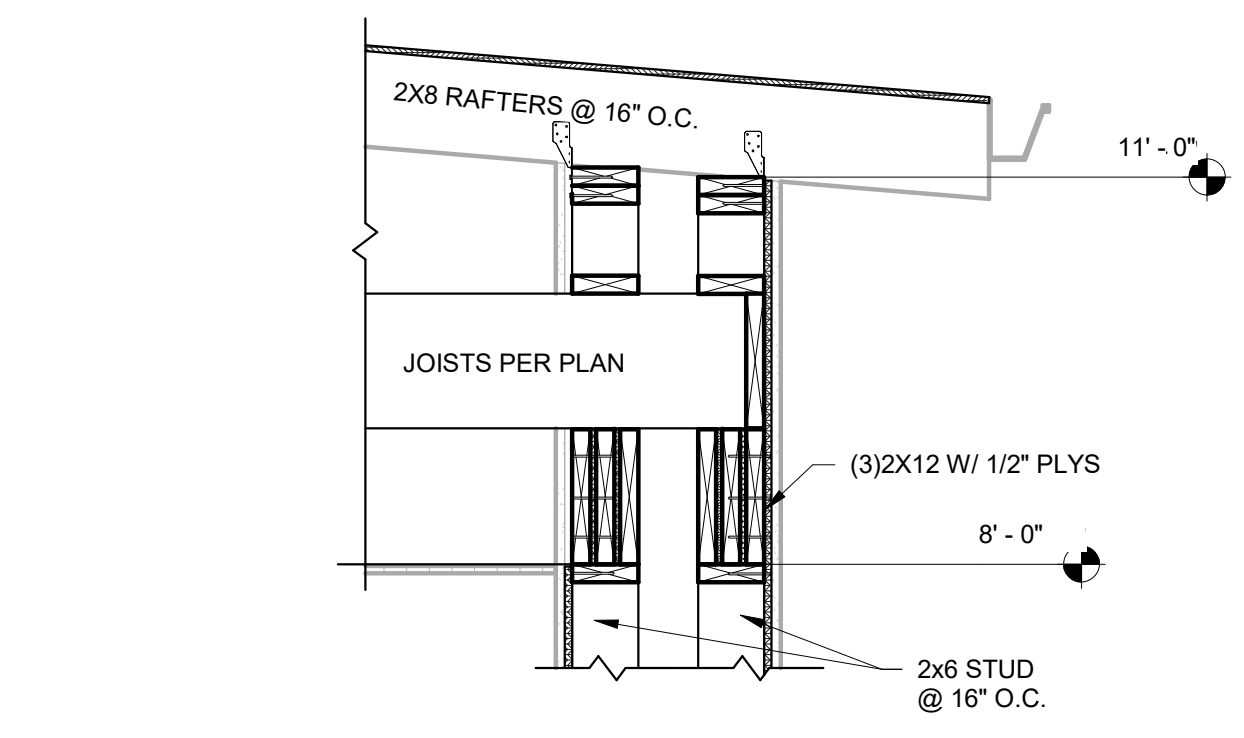
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S1.6

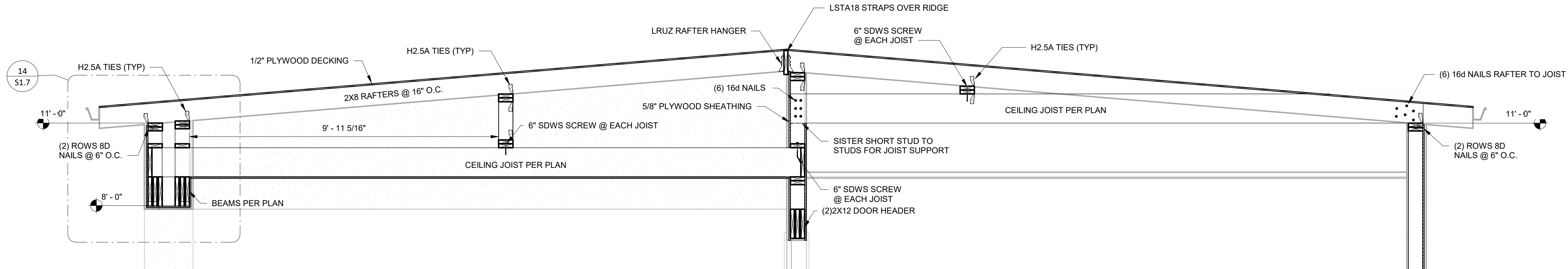
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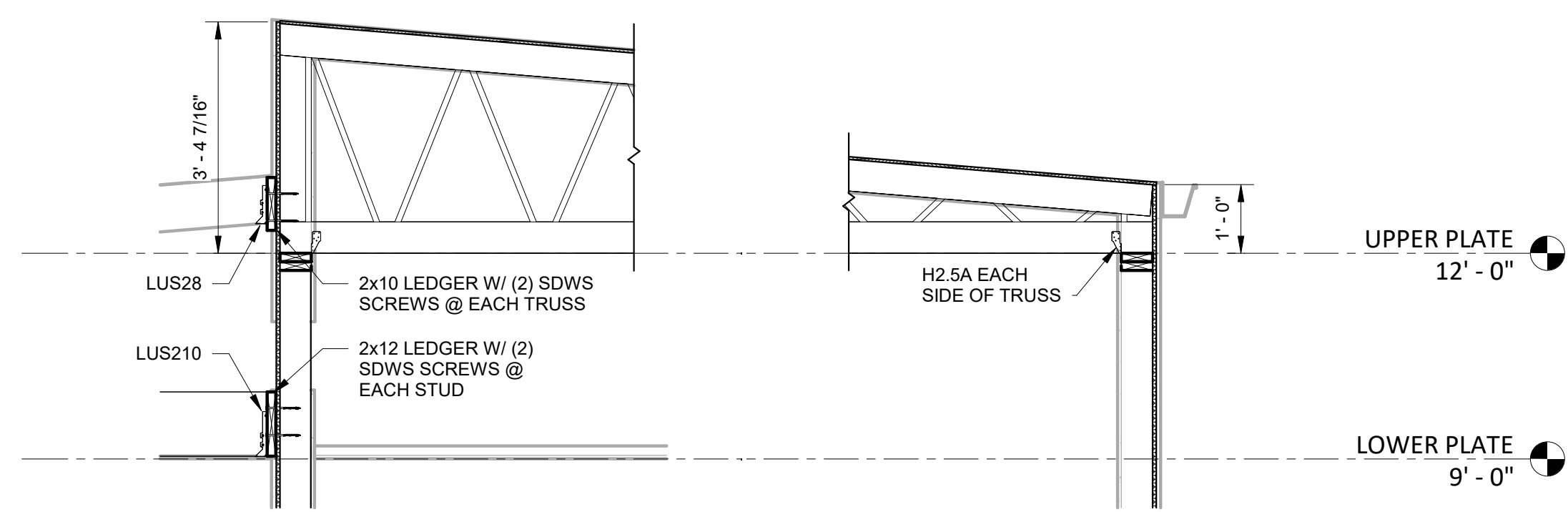
13 Section 13
S1.7 3/4" = 1'-0"



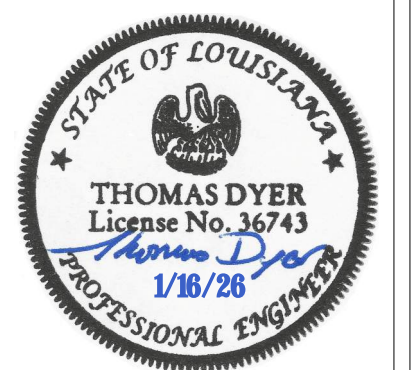
14 SECTION 14
S1.7 3/4" = 1'-0"



15 Section 15
S1.7 1/2" = 1'-0"



16 Section 16
S1.7 1/2" = 1'-0"



PLUMBING SYMBOL LEGEND	
MARK	DESCRIPTION
—————	SOIL AND WASTE (W)
-----	SANITARY VENT (V)
-----	DOMESTIC COLD WATER (CW)
-----	DOMESTIC HOT WATER (HW)
-----	DOMESTIC HOT WATER RECIRC (HWR)
-----	EXISTING PIPING
x-x-x-x-x-x-x-x	EXISTING PIPING TO BE REMOVED
◆	LIMIT OF DEMOLITION
◆	POINT OF CONNECTION (NEW TO OLD)
⊕ F.D.	FLOOR DRAIN (F.D.)
—○FCO	FLOOR CLEANOUT (F.C.O.)
— WCO	WALL CLEANOUT (W.C.O.)
—□ECO	EXTERIOR CLEANOUT (E.C.O.)
—○	BALL VALVE
—⊕	BALANCING VALVE
—○—⊕—○	LEAD FREE CIRCUIT SETTER WITH ISOLATION BALL VALVES

STANDARD ABBREVIATION LEGEND	
MARK	DESCRIPTION
U.N.O.	UNLESS NOTED OTHERWISE
A.F.F.	ABOVE FINISHED FLOOR
N.I.C.	NOT IN CONTRACT
A.F.G.	ABOVE FINISHED GRADE
IC	IN OR ABOVE FINISHED CEILING
U/G	UNDERGROUND (U/G)
WCO	WALL CLEAN OUT
CO & A/P	CLEANOUT AND ACCESS PANEL

STANDARD FIRE PROTECTION LEGEND	
MARK	DESCRIPTION
○	UPRIGHT SPRINKLER
●	CONCEALED, RECESSED, PENDANT SPRINKLER HEAD
△	EXTENDED COVERAGE DRY PIPE SIDEWALL
—⊕—	CONTROL VALVE WITH TAMPER SWITCH
—⊕—	FLOW SWITCH
T/S	TAMPER SWITCH
F/S	FLOW SWITCH
—SP—	SPRINKLER MAIN
—F/W—	FIRE WATER SUPPLY
OH-1	ORDINARY HAZARD, GROUP 1
OH-2	ORDINARY HAZARD, GROUP 2

PLUMBING GENERAL NOTES:

- PLUMBING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE 2021 EDITION OF THE INTERNATIONAL PLUMBING CODE AND JEFFERSON PARISH SEWAGE AND WATER BOARD REQUIREMENTS.
- UNLESS NOTED OTHERWISE ROUTE DOMESTIC WATER PIPING IN CEILING. ALL CW, HW, & HWR PIPING, INCLUDING DROPS TO FIXTURES INSIDE WALLS, REQUIRE INSULATION. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.
- PROVIDE A 16 GAGE GALVANIZED IRON SAFETY PAN UNDER EACH WATER HEATER. PIPE PAN DRAIN TO NEAREST FLOOR DRAIN. REFER TO THE SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- FIRE SAFE ALL PENETRATIONS THRU RATED FLOORS AND WALLS TO PREVENT SMOKE AND FIRE PASSAGE USING STANDARD U.L. LISTED ASSEMBLIES TO MAINTAIN THE RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM E-814 REQUIREMENTS.
- NO PLUMBING EQUIPMENT OR PIPING SHALL EXTEND INTO PLAIN ABOVE ELECTRICAL PANELS. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.
- SET THE RIM OF ALL HUB DRAINS (LOCATED IN THE FLOOR) 1" ABOVE THE FINISHED FLOOR.
- ALL DOMESTIC HOT WATER BRANCH LINES LOCATED ABOVE THE CEILING SHALL BE 1/2" SIZE UNLESS OTHERWISE NOTED.
- ALL FLOOR DRAINS SHALL BE PROVIDED WITH WET TRAP PRIMERS SERVED FROM RESTROOM LAVATORY DRAIN CONNECTIONS. SEE DETAILS FOR REQUIREMENTS.
- FURNISH AND INSTALL ASSE 1070 CERTIFIED "POINT OF USE" TEMPERING VALVES TO SERVE ALL HAND WASH LAVATORIES IN THE PUBLIC TOILET ROOMS.
- REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS OF ALL WALL MOUNTED FIXTURES.
- PROVIDE ISOLATION VALVES I.C. AT ALL HOT WATER AND COLD WATER BRANCHES FROM DISTRIBUTION MAINS.
- REMOVE ALL EXISTING PIPING THAT IS IN THE WAY OF NEW CONSTRUCTION AND CAP MAINS AS REQUIRED

SPRINKLER GENERAL NOTES:

- WITH THE EXCEPTION OF THE APPARATUS BAY, THE ENTIRE BUILDING SHALL BE PROTECTED THROUGHOUT BY AN AUTOMATIC WET PIPE SPRINKLER SYSTEM.
- THE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13R, 2019 EDITION REQUIREMENTS.
- THE BUILDING IS CLASSIFIED AS AN BUSINESS OCCUPANCY. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS A LIGHT HAZARD SYSTEM FOR ALL PUBLIC AREAS AND SIMILAR SPACES. THE DESIGN DENSITY SHALL BE 0.10 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
- STORAGE ROOMS, MECHANICAL ROOMS AND SIMILAR AREAS SHALL BE CLASSIFIED AS STORAGE SPACE. THE SPRINKLER SYSTEM SHALL BE DESIGNED AS AN ORDINARY HAZARD, GROUP 1 SYSTEM FOR ALL STORAGE SPACES. THE DESIGN DENSITY SHALL BE 0.15 GPM PER SQUARE FOOT APPLIED OVER THE MOST HYDRAULICALLY DEMANDING 1500 SQUARE FOOT AREA.
- SPRINKLERS SHALL BE CONCEALED, QUICK RESPONSE TYPE.
- FIRE SAFE ALL PENETRATIONS THROUGH RATED FLOORS AND WALLS TO PREVENT SMOKE AND FIRE PASSAGE USING STANDARD UL LISTED ASSEMBLIES TO MAINTAIN THE RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM 3-814 REQUIREMENTS.
- THE SPRINKLER SYSTEM WATER TANK SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 22, 2018 EDITION REQUIREMENTS. SHOP BUILT TANK SHALL BE VERTICAL CYLINDRICAL ATMOSPHERIC WELDED STEEL STORAGE TANK FABRICATED OF ASTM A36 HOT ROLLED MILD CARBON STEEL. SEE SPECIFICATIONS AND DETAILS FOR REQUIREMENTS.

PLUMBING FIXTURE SCHEDULE						
TAG	DESCRIPTION	ROUGH IN REQUIREMENTS (INCHES NOMINAL PIPE SIZE)				NOTES
		WASTE	VENT	CW	HW	
P1A	WATER CLOSET - FLOOR MOUNTED, TANK TYPE, ADA COMPLIANT FIXTURE: "KOHLER" HIGHLINE CLASSIC COMFORT HEIGHT MODEL K-3493-SS, TWO-PIECE ANTI-MICROBIAL, ELONGATED BOWL, 1.6 GPF, ADA COMPLIANT, VITREOUS CHINA, WHITE. STOP: "MCGUIRE" MODEL BV09, QUARTER TURN, CHROME PLATED BRASS WITH "MAINLINE" MODEL MLB112AF BRAIDED STAINLESS STEEL HOSE CONNECTOR AND WALL ESCUTCHEON PLATE SEAT: "KOHLER" MODEL K-4731-SA-0, HEAVY DUTY, OPEN FRONT, LESS COVER, SS CHECK WING, WHITE.	4	3	3/4	NA	1
P2A	URINAL - WALL MOUNTED, ADA COMPLIANT FIXTURE: "KOHLER" MODEL K-2016-ET, SIPHON JET, VITREOUS CHINA, WHITE. FLUSH VALVE: "SLOAN" REGAL MODEL 196, MANUAL FLUSHMETER CARRIER: "WATTS" MODEL CA-321, COMPACT TYPE, FLOOR MOUNTED WITH BEARING PLATE. SEE ARCHITECTURAL FOR FIXTURE MOUNTING HEIGHT AFF.	2	2	3/4	NA	2
P3A	LAVATORY - WALL MOUNTED, ADA COMPLIANT FIXTURE: "KOHLER" MODEL K-2054, 3-HOLE, 4" CENTERS, VITREOUS CHINA, WHITE. SUPPLIES: "ZURN" MODEL Z8915-XL, DECK MOUNTED, 4" CENTERS, INFRARED SENSOR OPERATED, BATTERY POWERED USING STANDARD AA TYPE, TMV-1 THERMOSTATIC MIXING VALVE, 1.0 GPM AERATOR, CHROME FINISH. DRAIN: "MCGUIRE" MODEL 155A CHROME PLATED BRASS, OPEN GRID STRAINER. STOPS: "MCGUIRE" MODEL LFBV09, QUARTER TURN, CHROME PLATED BRASS WITH MAINLINE MODEL MLB112AF BRAIDED STAINLESS STEEL HOSE CONNECTOR AND WALL ESCUTCHEON PLATE TRAP: "MCGUIRE" MODEL 8902 CHROME PLATED BRASS, 1-1/4" x 1-1/2" INSULATION KIT: "TRUBRO" MODEL 102 FOR WATER AND WASTE PIPING ONLY WHERE EXPOSED. CARRIER: "JR SMITH" MODEL 0710 CAST IRON FLOOR MOUNTED CONCEALED ARM SUPPORT WITH ADJUSTABLE ARMS AND 3" x 4" BASE FEET.	2	2	1/2	1/2	3
P4A	LAVATORY - DROP IN, ADA COMPLIANT FIXTURE: "KOHLER" PENNINGTON MODEL K-2196-4, 20-1/4" x 17-1/2" OVAL, WITH OVERFLOW, VITREOUS CHINA, WHITE. SUPPLIES: "ZURN" MODEL Z8915-XL, DECK MOUNTED, 4" CENTERS, INFRARED SENSOR OPERATED, BATTERY POWERED USING STANDARD AA TYPE, TMV-1 THERMOSTATIC MIXING VALVE, 1.0 GPM AERATOR, CHROME FINISH. DRAIN: "MCGUIRE" MODEL 155A CHROME PLATED BRASS, OPEN GRID STRAINER. STOPS: "MCGUIRE" MODEL LFBV09, QUARTER TURN, CHROME PLATED BRASS WITH MAINLINE MODEL MLB112AF BRAIDED STAINLESS STEEL HOSE CONNECTOR AND WALL ESCUTCHEON PLATE TRAP: "MCGUIRE" MODEL 8902 CHROME PLATED BRASS, 1-1/4" x 1-1/2".	2	2	1/2	1/2	3
P5A	SHOWER - ADA COMPLIANT FIXTURE: "BESTBATH" MODEL LSS2633A1FTB, 63" x 34" x 80", WHITE MOLDED ONE-PIECE GELCOAT FIBERGLASS, THRESHOLD TRENCH DRAIN, FACTORY INSTALLED GRAB BARS, SOAP DISH, AND PRE-PLUMBED PRESSURE BALANCED MIXING VALVE WITH LEVER HANDLE AND INTEGRAL CHECK STOPS. SEAT TO BE FACTORY INSTALLED. CONFIRM 1" OR 2" THRESHOLD HEIGHT WITH ARCHITECTURAL PRIOR TO ORDERING. SEE ARCHITECTURAL FOR CURTAIN ROD MIXING VALVE: INTEGRAL WITH FIXTURE WITH SINGLE HANDLE ADA COMPLIANT LEVER, CHROME FINISH. FAUCET TRIM: "DELTA" 51900 SLIDE BAR GRAB BAR HAND HELD SHOWER, 1.75GPM, 1/2 IPS DROP ELBOW WITH FLANGE, VACUUM BREAKER, CHROME FINISH. DRAIN: PROVIDE INTEGRAL THRESHOLD TRENCH DRAIN WITH STAINLESS STEEL COVER AND CALKLESS DRAIN WITH FIXTURE. TRENCH SUMP TO INCLUDE OFFSET DRAIN LOCATION TO MITIGATE GRADE BEAM OBSTRUCTION. COORDINATE SLAB OUT. TRAP: P-TRAP, 2".	2"	2"	1/2"	1/2"	
P6	KITCHEN SINK - DOUBLE COMPARTMENT, DROP IN FIXTURE: "ELKAY" MODEL DLR-2519-10, 25" x 19-1/2" x 10-1/8" DEEP, EQUAL COMPARTMENTS, 18GA, 304 STAINLESS STEEL, SINGLE FAUCET HOLE PUNCHING. SUPPLIES: "CHICAGO" MODEL 434-ABCP, SINGLE LEVER FAUCET, 1.5 GPM SWING SPOUT WITH DUAL PATTERN, PULL-DOWN OUTLET, POLISHED CHROME. STOPS: "MCGUIRE" MODEL LFBV09, QUARTER TURN, CHROME PLATED BRASS WITH MAINLINE MODEL MLB112AF BRAIDED STAINLESS STEEL HOSE CONNECTOR AND WALL ESCUTCHEON PLATE DRAIN: COMMERCIAL GRADE, STAINLESS STEEL BASKET STRAINER (EACH COMPARTMENT). TRAP: COMMERCIAL GRADE, CHROME PLATED BRASS, 2".	2"	2"	1/2"	1/2"	3
P7A	KITCHEN SINK - SINGLE BOWL, DROP IN FIXTURE: "ELKAY" BLRQ1516, 15" x 15" x 7-1/8", 18GA, 304 STAINLESS STEEL, SINGLE FAUCET HOLE PUNCHING. SUPPLIES: "ELKAY" LKGT1042 STOPS: "MCGUIRE" MODEL LFBV09, QUARTER TURN, CHROME PLATED BRASS WITH MAINLINE MODEL MLB112AF BRAIDED STAINLESS STEEL HOSE CONNECTOR AND WALL ESCUTCHEON PLATE DRAIN: COMMERCIAL GRADE, STAINLESS STEEL BASKET STRAINER. TRAP: COMMERCIAL GRADE, CHROME PLATED BRASS, 2".	2"	2"	1/2"	1/2"	3
P8	MOP SINK FIXTURE: "FRIT" MODEL TS8100, 24" x 24" x 12" TERRAZZO SINK WITH STAINLESS STEEL RIM CAPS ON ALL SIDES & WALL GUARDS MODEL MS3. SUPPLIES: "CHICAGO" FAUCETS" MODEL 897-CP, WALL MOUNT WITH INTEGRAL VACUUM BREAKER, WALL BRACE AND PAIL HOOK. PROVIDE 2"x6" WOOD BLOCKING TO SECURE WALL MOUNT BRACE. DRAIN: INCLUDED WITH FIXTURE. TRAP: P-TRAP.	3"	2"	1/2"	1/2"	4

- NOTES:
- PROVIDE FLOOR DRAIN TRAP PRIMER CONNECTION AT WATER DROP TO FIXTURE. SEE PLANS.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT.
 - VERIFY STRAINER SIZE MATCHES FIXTURE PRIOR TO PURCHASING.
 - PROVIDE 2"x6" WOOD BLOCKING ATTACHED TO BRACE CARRIER/FAUCET SUPPORT. SEE ARCHITECTURAL FOR MOUNTING HEIGHT.

PUMP SCHEDULE										
TAG	TYPE	PUMP DATA				CONTROL	ELECTRICAL		MODEL	NOTES
		FLOW (GPM)	POWER	TDH (FT)	MAX RPM		V / PH / HZ			
HWRP-1	IN-LINE	2	110W	8	2950	AQUASTAT	115 / 1 / 60	GRUNDFOS UPS 15-35 SFC	1	
FP-1	IN-LINE	400	15HP	93.6	3500	CONTROLLER	240 / 1 / 60	AURORA 4-383-7C	2, 3	
JP-1	IN-LINE	5	3/4HP	140.4	3500	CONTROLLER	240 / 1 / 60	PENTAIR PVM1-6	2, 4	
WWP-1	SUBMERSIBLE	30	2.5HP	115	1800	STATIC PRESSURE	208 / 3 / 60	GRUNDFOS 22 SQ15-220	5, 6	

NOTES:

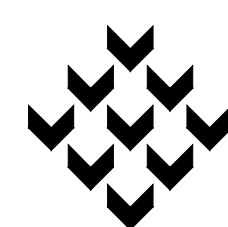
- PUMP SHALL BE SS CONSTRUCTION, NSF/ANSI 372 RATED LEAD FREE, SUITABLE FOR POTABLE WATER USE. PROVIDE AQUASTAT THERMOSTAT CONTROL. SET AQUASTAT TO ACTIVATE AT NO MORE THAN 10°F AT.
- PUMP SUCTION CONNECTED TO SYSTEM STORAGE TANK. PUMP TO BE RATED FOR 10PSI NPSH.
- PROVIDE FLOOR MOUNTED FIRE PUMP CONTROLLER WITH ATS, SOLID STATE SOFT STARTER, AND OPERATOR INTERFACE. TORNA TECH MODEL GPL-GLU. LOCATE PUMP AND CONTROLLER/ATS ON 6" THICK CONCRETE HOUSEKEEPING PAD. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
- PROVIDE WALL MOUNTED JOCKEY PUMP CONTROLLER WITH MAGNETIC MOTOR STARTER AND OPERATOR INTERFACE. TORNA TECH MODEL JPLT. LOCATE PUMP ON 6" THICK CONCRETE HOUSEKEEPING PAD. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
- PROVIDE INLET STRAINER, INLET & OUTLET ISOLATION VALVES/PRESSURE GAUGES, FLEX COUPLINGS, SPRING VIBRATION ISOLATION SUPPORTS, AND EC MOTORS.
- PUMP TO PROVIDE WELL WATER SUPPLY TO FACILITY. PROVIDE STATIC PRESSURE SENSOR LOCATED IN WELL SUPPLY HEADER & MOTOR MOUNTED EC CONTROLLER FOR DISCHARGE STATIC PRESSURE CONTROL.

DOMESTIC WATER HEATER SCHEDULE										
TAG	FUEL TYPE	CAPACITY GALLONS	HEATING CAPACITY			ELECTRICAL		INSTALLED WEIGHT	RHEEM MODEL	NOTES
			BTUH INPUT	RECOVERY GPH	FIRST HOUR RATING	TEMP RISE	V/PH			
GW/H	NAT GAS	50	65,000	59	94	100	120V/1PH	15	210 LBS	GPD/50-65 1, 2

NOTES:

- PROVIDE POWER DIRECT VENT TYPE HEATER WITH DUCTED COMBUSTION INLET AND FLUE VENT.
- CONTRACTOR SHALL PROVIDE AND INSTALL TEMPERATURE & PRESSURE RELIEF VALVES.

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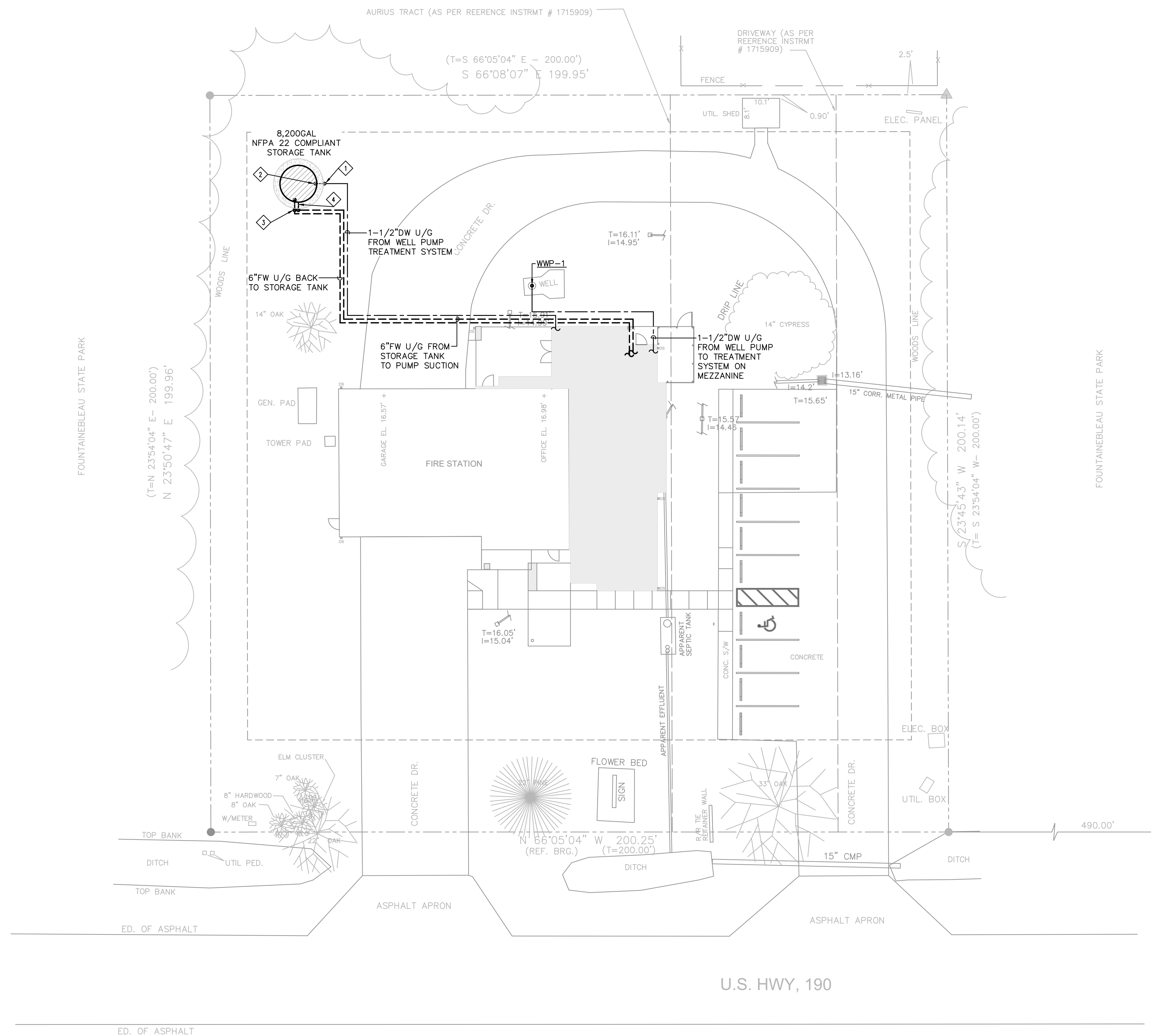


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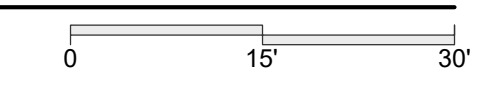


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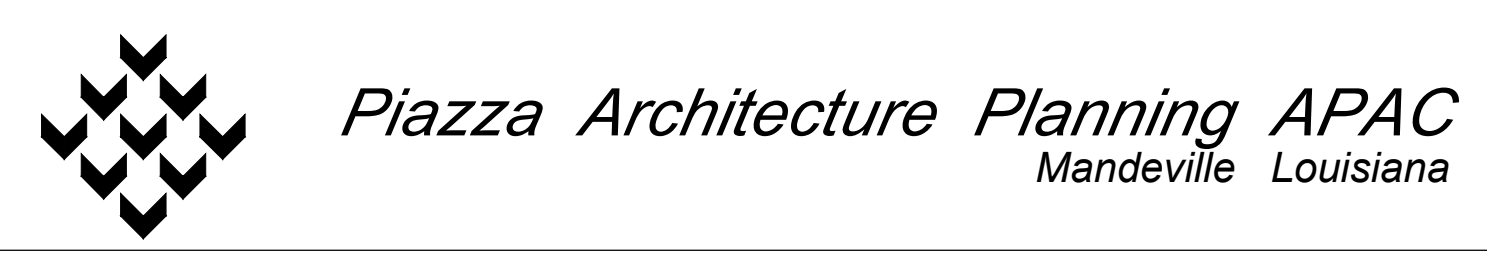
- PLUMBING SPECIFIC NOTES:**
- 1 EXTEND 1-1/2" DW UP ALONG SIDE OF TANK TO TANK FILL CONNECTION. FROM POINT 12" BELOW GRADE TO TANK FILL CONNECTION, INSULATE PIPING WITH 2" THICK CLOSED CELL ELASTOMERIC INSULATION AND PROVIDE ALUMINUM JACKETING.
 - 2 AT TANK FILL INTERIOR CONNECTION, PROVIDE 1-1/2" BRONZE BODY TANK FILL FLOAT VALVE WITH 6" DIAMETER FLOAT, 18" LONG BRASS FLOAT ROD, ELBOW VALVE BODY, AND PTFE SEAL, MCMASTER-CARR MODEL 47365K75 OR EQUAL. ADJUST FLOAT/ROD POSITIONING IN FIELD.
 - 3 EXTEND 6" FW UP WITH CHECK VALVE ALONG SIDE OF TANK TO TANK RETURN CONNECTION. FROM POINT 12" BELOW GRADE TO TANK RETURN CONNECTION, INSULATE PIPING WITH 2" THICK CLOSED CELL ELASTOMERIC INSULATION AND PROVIDE ALUMINUM JACKETING.
 - 4 EXTEND 6" FW UP TO TANK SUCTION NOZZLE. FROM POINT 12" BELOW GRADE TO TANK SUCTION NOZZLE CONNECTION, INSULATE PIPING WITH 2" THICK CLOSED CELL ELASTOMERIC INSULATION AND PROVIDE ALUMINUM JACKETING.

1 PLUMBING PLAN - SITE
SCALE: 1/16" = 1'-0"



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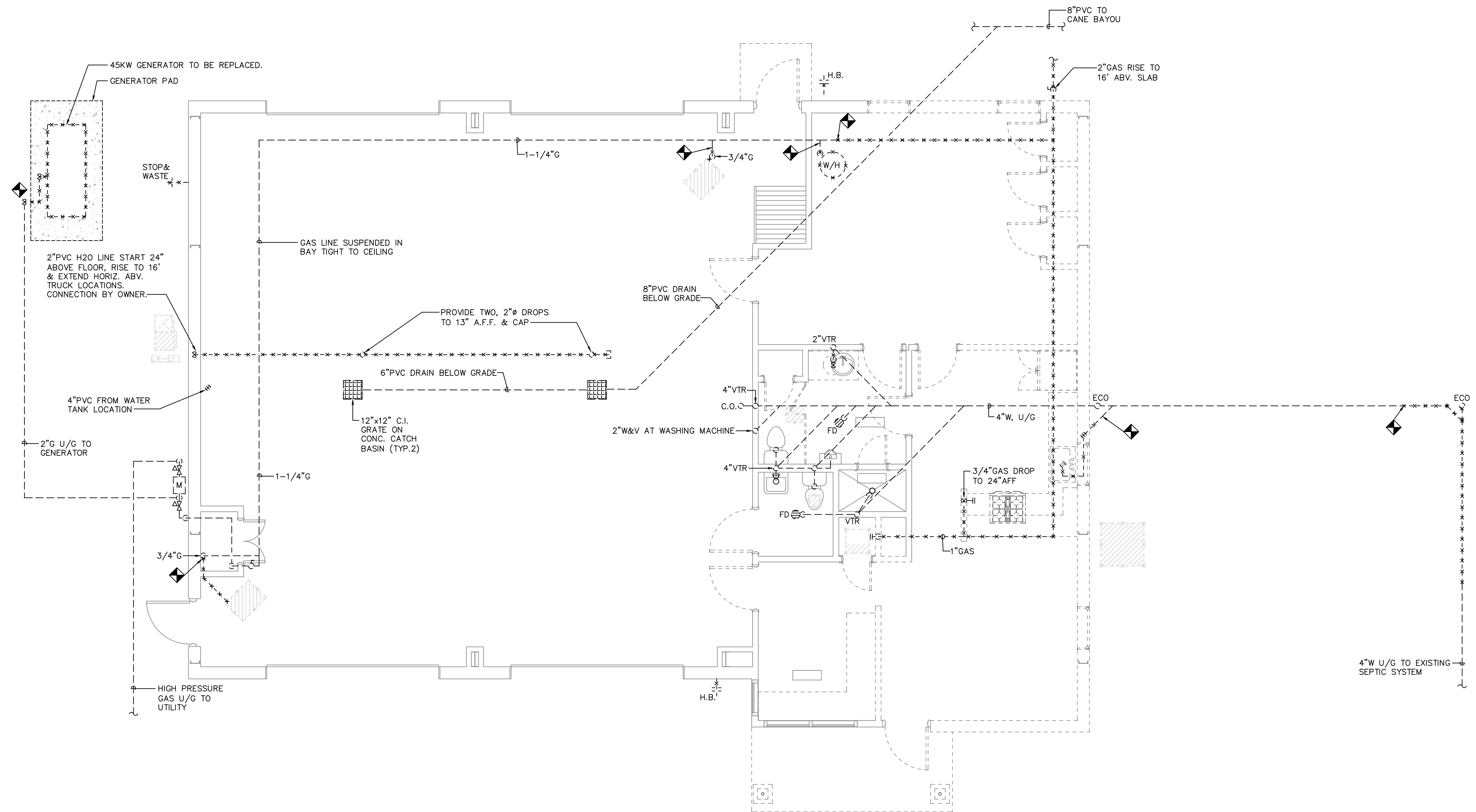
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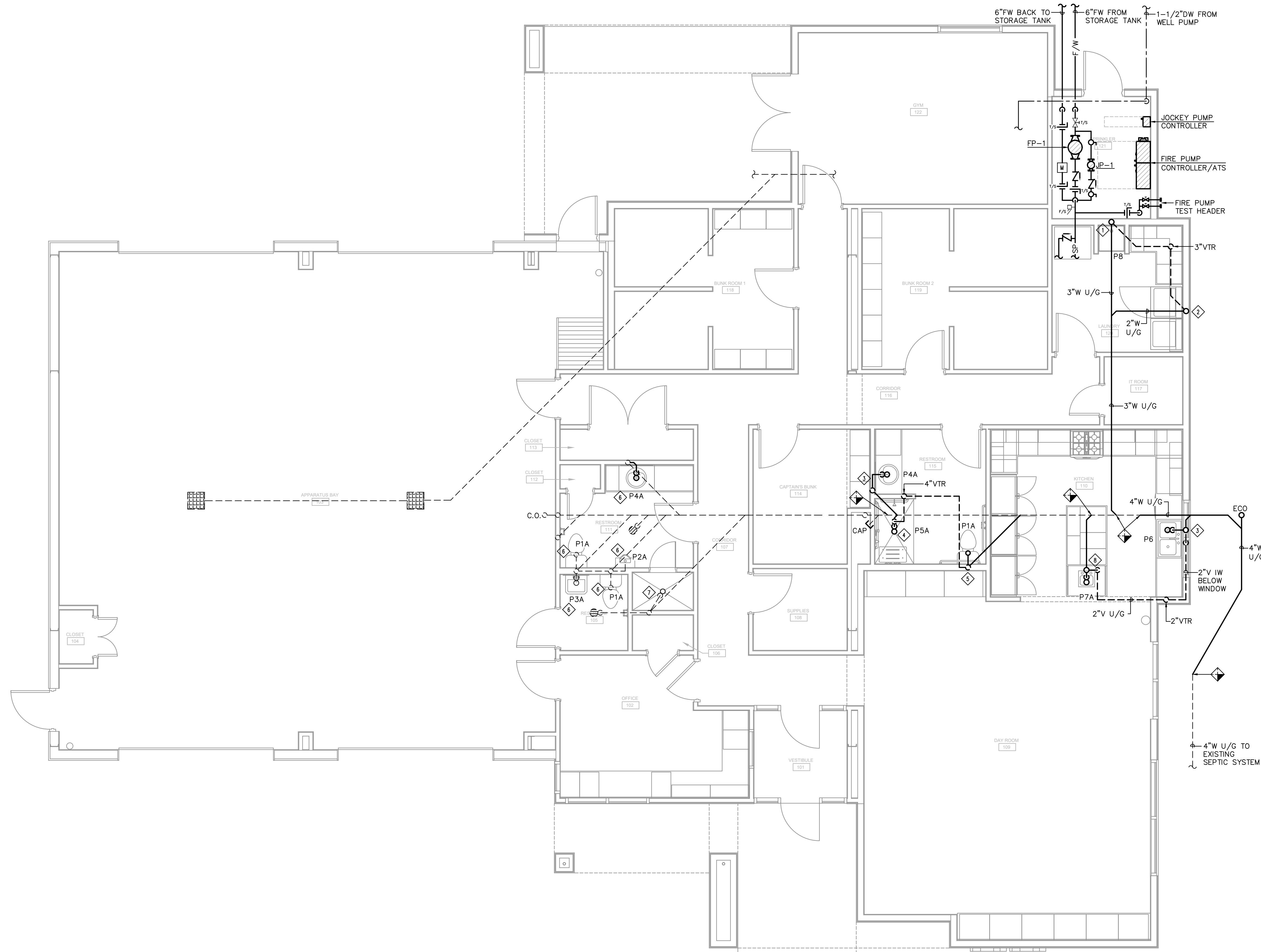
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1 PLUMBING DEMOLITION PLAN – FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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- PLUMBING SPECIFIC NOTES:**
- ◇ PROVIDE 3" WASTE & VENT (W&V) STACK TO SERVE THE MOP SINK. EXTEND 3" V IN CEILING (IC) TO COMMON VENT THROUGH ROOF (VTR). EXTEND 3" W UNDERGROUND (U/G) TO WASTE MAIN.
 - ◇ PROVIDE GUY-GRAY WASHING MACHINE BOX WITH HOT & COLD WATER CONNECTIONS AND WASTE OUTLET. PROVIDE 2" W&V STACK TO SERVE THE WASHING MACHINE BOX. EXTEND 2" V IC TO COMMON VTR. EXTEND 2" W U/G TO WASTE MAIN.
 - ◇ PROVIDE 2" W&V STACK TO SERVE THE SINK. EXTEND 2" V IC TO COMMON VTR. EXTEND 2" W U/G TO WASTE MAIN.
 - ◇ PROVIDE 2" SHOWER DRAIN AND EXTEND 2" W ARM U/G TO WASTE MAIN. EXTEND 2" V U/G TO ADJACENT WALL AND ROUTE UP TO CEILING. EXTEND 2" V IC TO COMMON VTR.
 - ◇ PROVIDE 4" W&V STACK TO SERVE THE WATER CLOSET. EXTEND 4" V IC TO COMMON VTR. EXTEND 4" W U/G TO WASTE MAIN.
 - ◇ SET FIXTURE AT EXISTING W&V STACK. PROVIDE REPLACEMENT CLOSET FLANGE FOR NEW WATER CLOSET.
 - ◇ EXISTING SHOWER TO REMAIN, INCLUDE FIXTURE IN PROJECT FINAL CLEANING PROCESS.
 - ◇ PROVIDE 2" W&V WITH ISLAND FIXTURE VENTING AT SINK. EXTEND 2" W ARM U/G TO WASTE MAIN. EXTEND 2" V U/G TO ADJACENT WALL AND ROUTE UP TO CEILING. EXTEND 2" V IC TO COMMON VTR.

1 WASTE & VENT PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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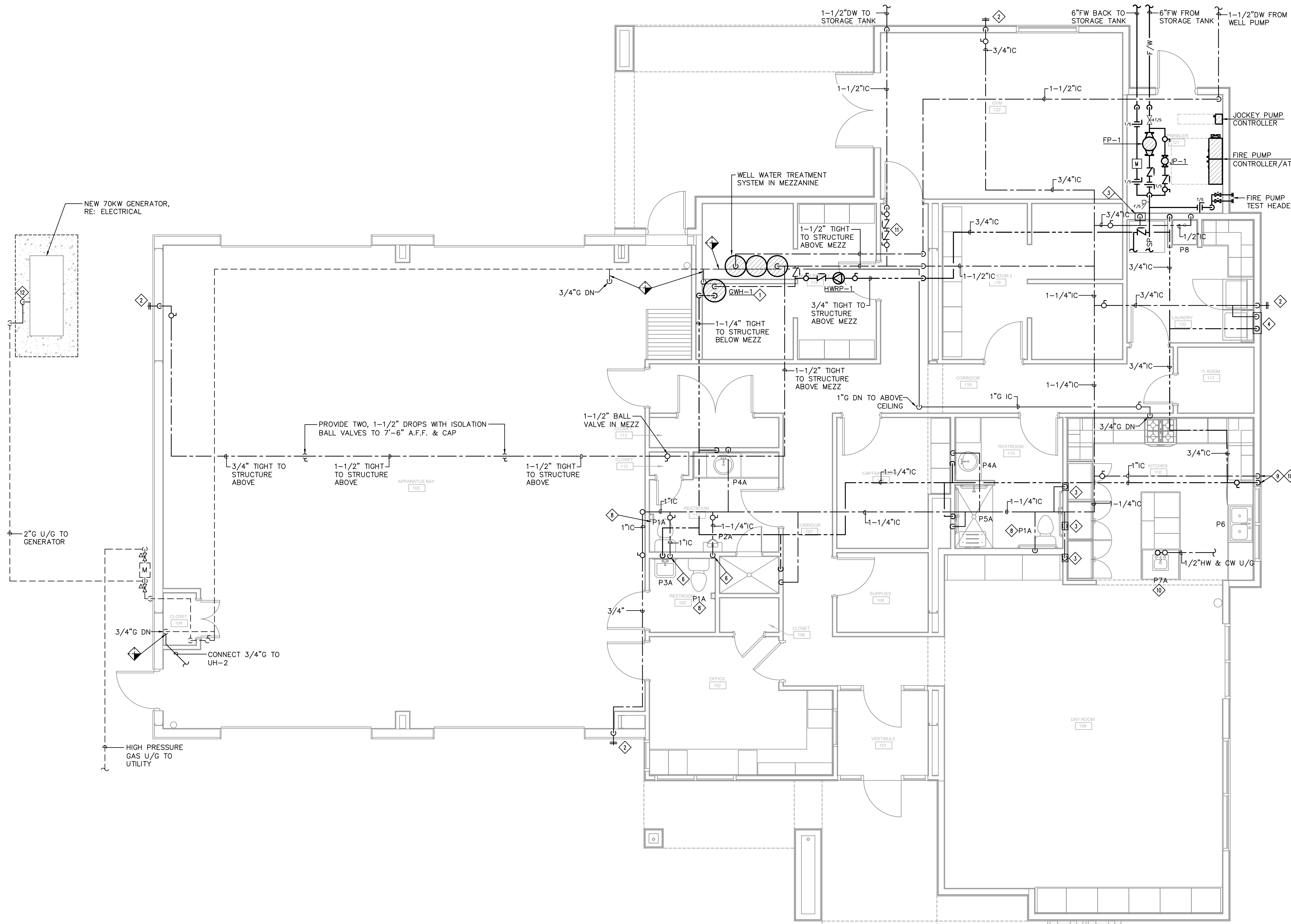
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- PLUMBING SPECIFIC NOTES:**
1. INSTALL GAS WATER HEATER (GWH-1) ON MEZZANINE IN GALVANIZED PAN ON EQUIPMENT STAND AT LEAST 18" A.F.F.. SEE WATER HEATER DETAIL FOR MORE INFORMATION.
 2. PROVIDE NEW NON-FREEZE WALL BOX HYDRANT WITH 3/4" CW DROP.
 3. ICE MAKER BOX WITH QUARTER TURN ANGLE STOP, 1/2" CW FEED.
 4. ROUTE 1/2" CW/HW DROP IN WALL TO WASHING MACHINE BOX WITH ANGLE STOP VALVES FOR EACH SUPPLY. CONNECT TO APPLIANCE PER MANUFACTURER'S INSTRUCTIONS.
 5. ROUTE TIGHT TO STRUCTURE ABOVE MEZZANINE.
 6. 1" CW DOWN TO FEED P1A & P3A. COLD WATER FEED TO FIXTURES PER SCHEDULE.
 7. 1-1/4" CW DOWN TO FEED P1A & P2A. COLD WATER FEED TO FIXTURES PER SCHEDULE.
 8. COLD WATER FEED TO FIXTURE TO SERVE FIXTURE AND TRAP PRIMERS.
 9. 1" HW & CW DOWN IN WALL TO SERVE DISHWASHER, P6 & P7A. ROUTE 1/2" COLD AND HOT WATER TO DISHWASHER AND P6. PROVIDE SEPARATE STOP FOR DISHWASHER.
 10. ROUTE 1/2" HOT & COLD WATER TO P7A UNDERGROUND. UNDERGROUND PIPING SHALL HAVE NO JOINTS.
 11. PROVIDE 1-1/2" DOUBLE CHECK VALVE ASSEMBLY BACKFLOW PREVENTER WITHIN MEZZANINE PIPING, WATTS MODEL 007 OR EQUAL. DROP 1-1/2" PIPING DOWNSTREAM OF BACKFLOW PREVENTER TO GYM CEILING. ROUTE PIPING TO EXTERIOR WALL AND TURN DOWN TO UNDERGROUND.
 12. EXTEND 2" GAS WITH FLEX CONNECTOR TO GENERATOR CONNECTION.

1 DOMESTIC WATER PLAN – FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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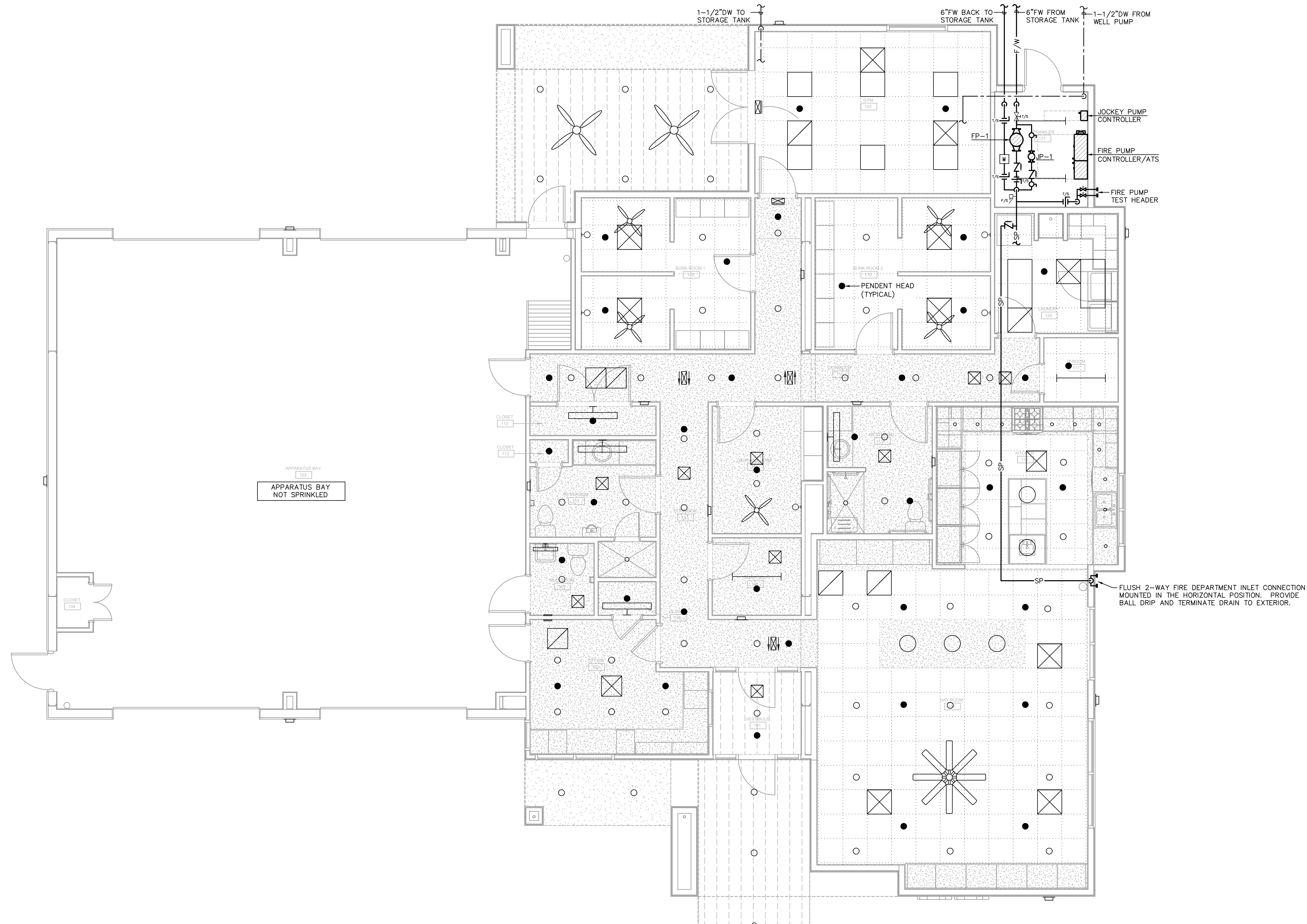
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1 SPRINKLER PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4 8



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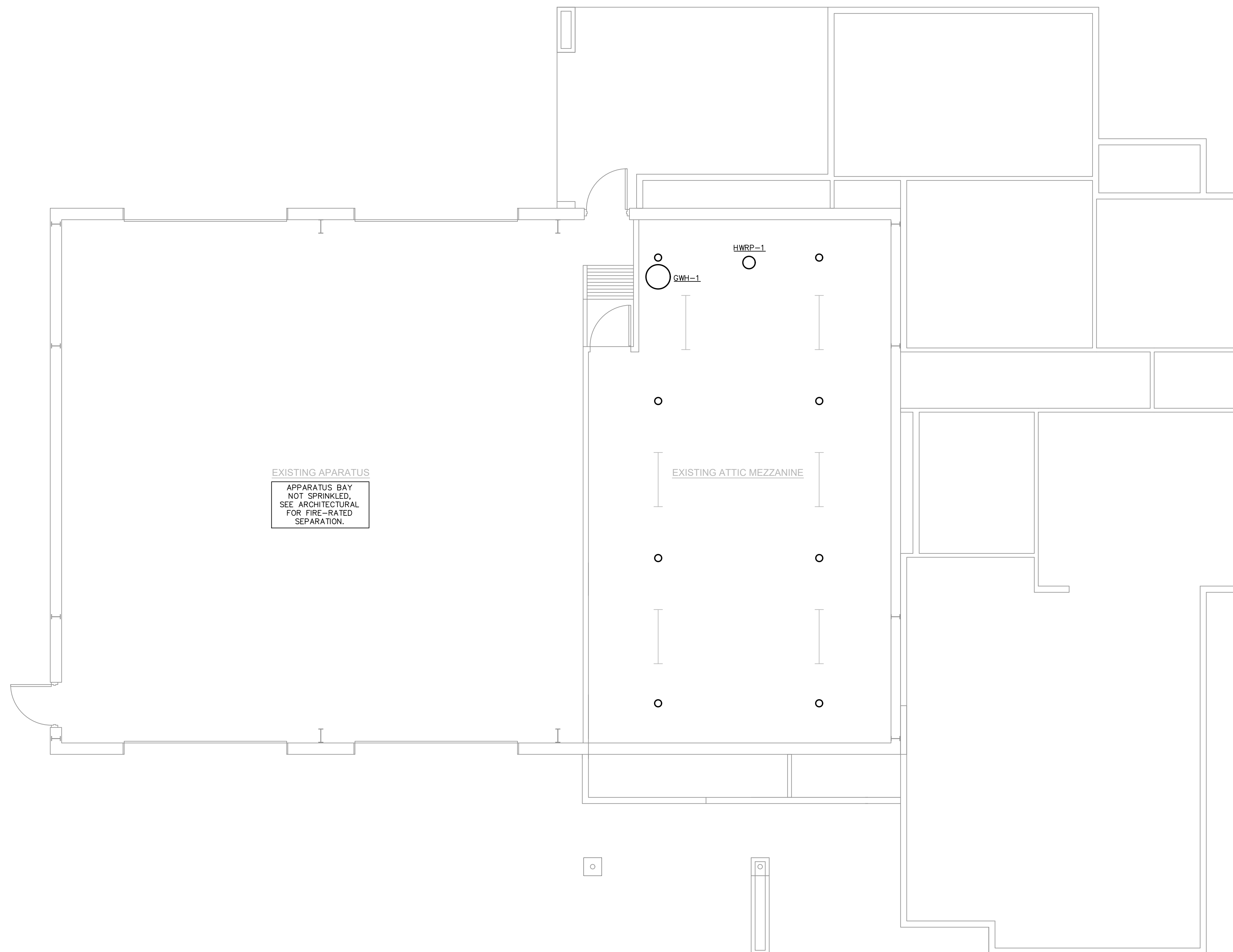
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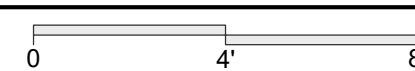


EXISTING APARATUS

APPARATUS BAY
NOT SPRINKLED,
SEE ARCHITECTURAL
FOR FIRE-RATED
SEPARATION.

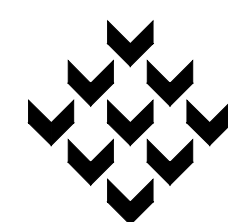
EXISTING ATTIC MEZZANINE

1 SPRINKLER PLAN – MEZZANINE
SCALE: 1/4" = 1'-0"



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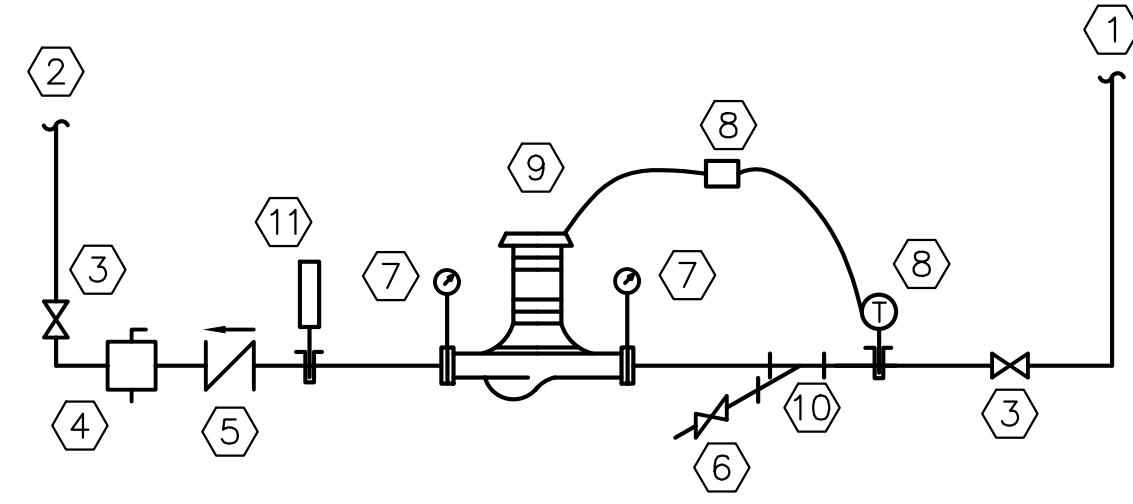
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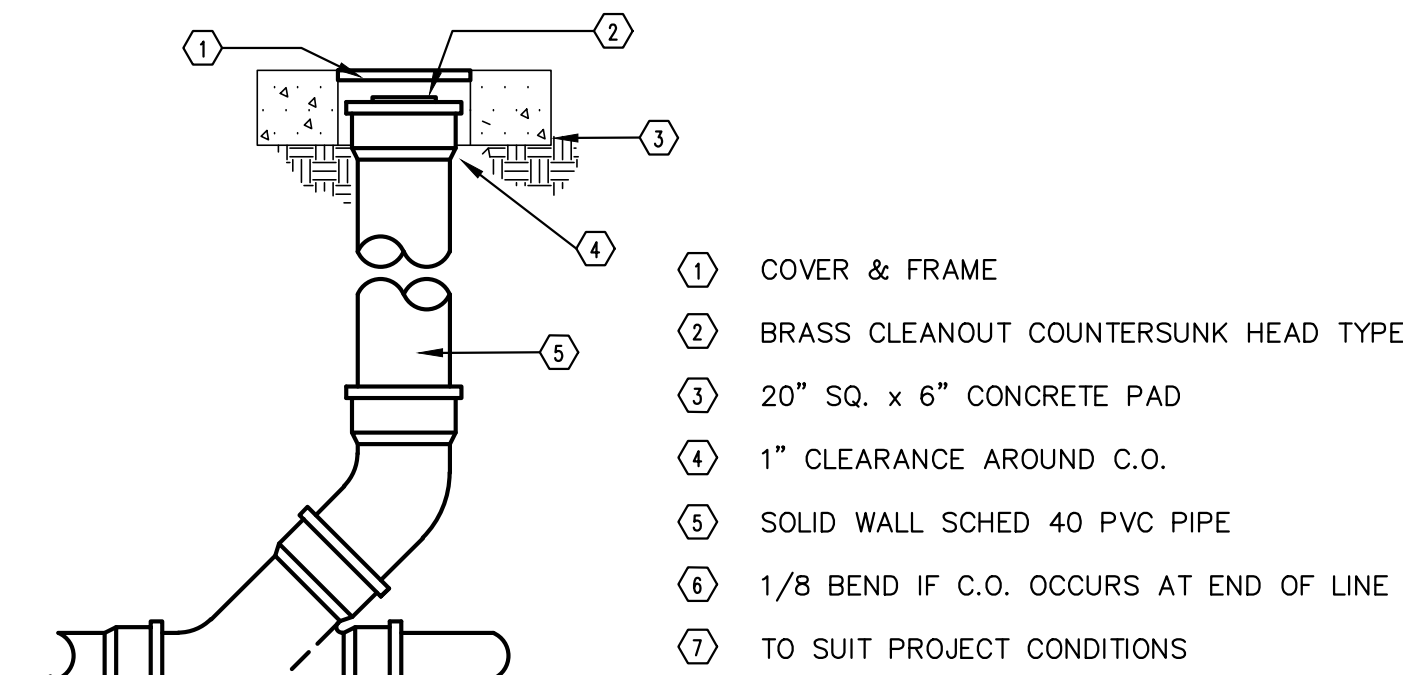
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- ① FROM HWR MAIN
- ② TO CW INLET AT DWH
- ③ SHUT-OFF VALVE
- ④ BALANCING VALVE
- ⑤ CHECK VALVE
- ⑥ DRAIN VALVE W/HOSE END AND CAP
- ⑦ PRESSURE GAUGE
- ⑧ THERMOSTAT CONTROL
- ⑨ PUMP --- PROVIDE SPRING HANGARS TO SUPPORT PUMP AND MOTOR --- INCLUDE < IRON FRAME AND CLAMPS IF REQUIRED FOR BALANCE.
- ⑩ STRAINER
- ⑪ THERMOMETER

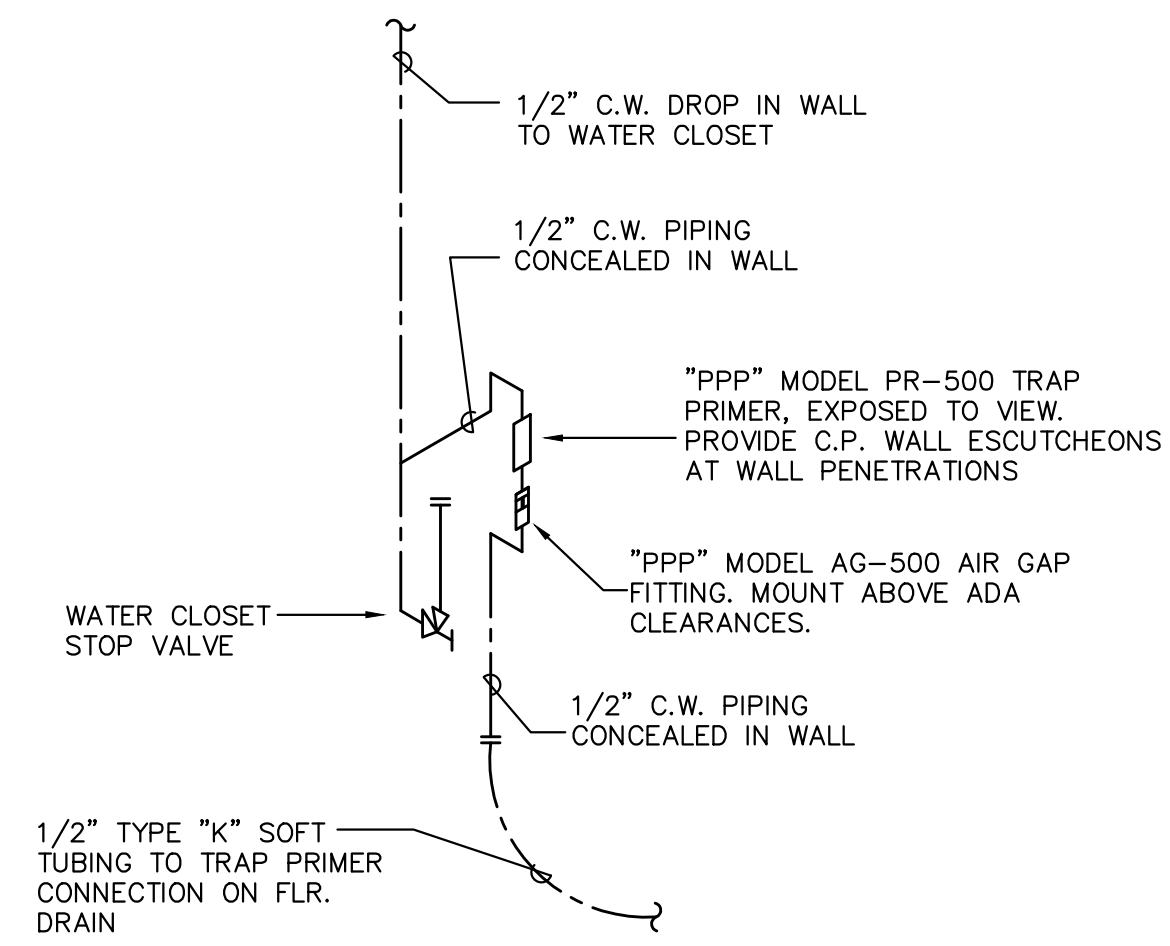


1 HW CIRCULATION PUMP DETAIL
SCALE: N.T.S.



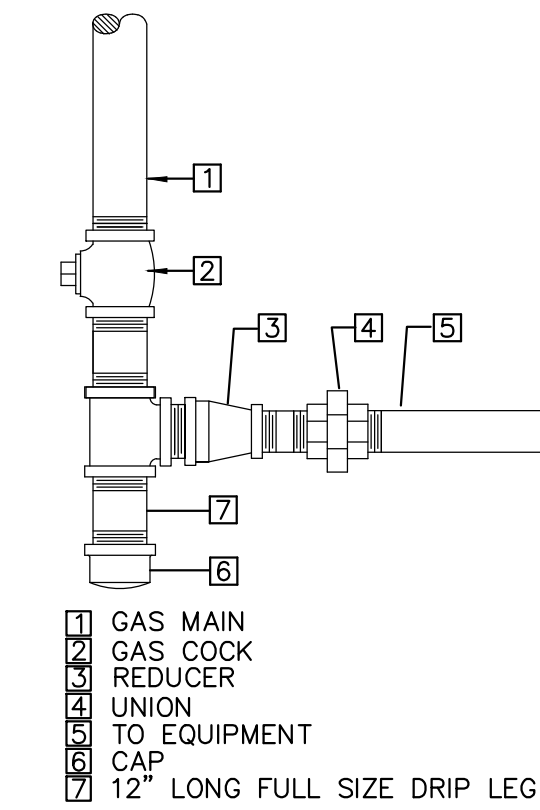
- ① COVER & FRAME
 - ② BRASS CLEANOUT COUNTERSUNK HEAD TYPE
 - ③ 20" SQ. x 6" CONCRETE PAD
 - ④ 1" CLEARANCE AROUND C.O.
 - ⑤ SOLID WALL SCHED 40 PVC PIPE
 - ⑥ 1/8 BEND IF C.O. OCCURS AT END OF LINE
 - ⑦ TO SUIT PROJECT CONDITIONS
- ⑦ NOTE: EXTERIOR C.O.'S IN FINISHED CONCRETE SURFACES SHALL BE EXTENDED UP TO GRADE AND TERMINATED BELOW AN ACCESS BOX WITH A HEAVY DUTY COVER. C.O.'S IN BLACKTOP AND UNFINISHED (GRASS) SURFACES SHALL BE EXTENDED WITHIN 4" OF GRADE AND TERMINATED IN A CONCRETE COLLAR 20" SQUARE BY 6" DEEP AND ACCESSED THRU A HEAVY DUTY COVER.

2 EXTERIOR CLEANOUT DETAIL
SCALE: N.T.S.



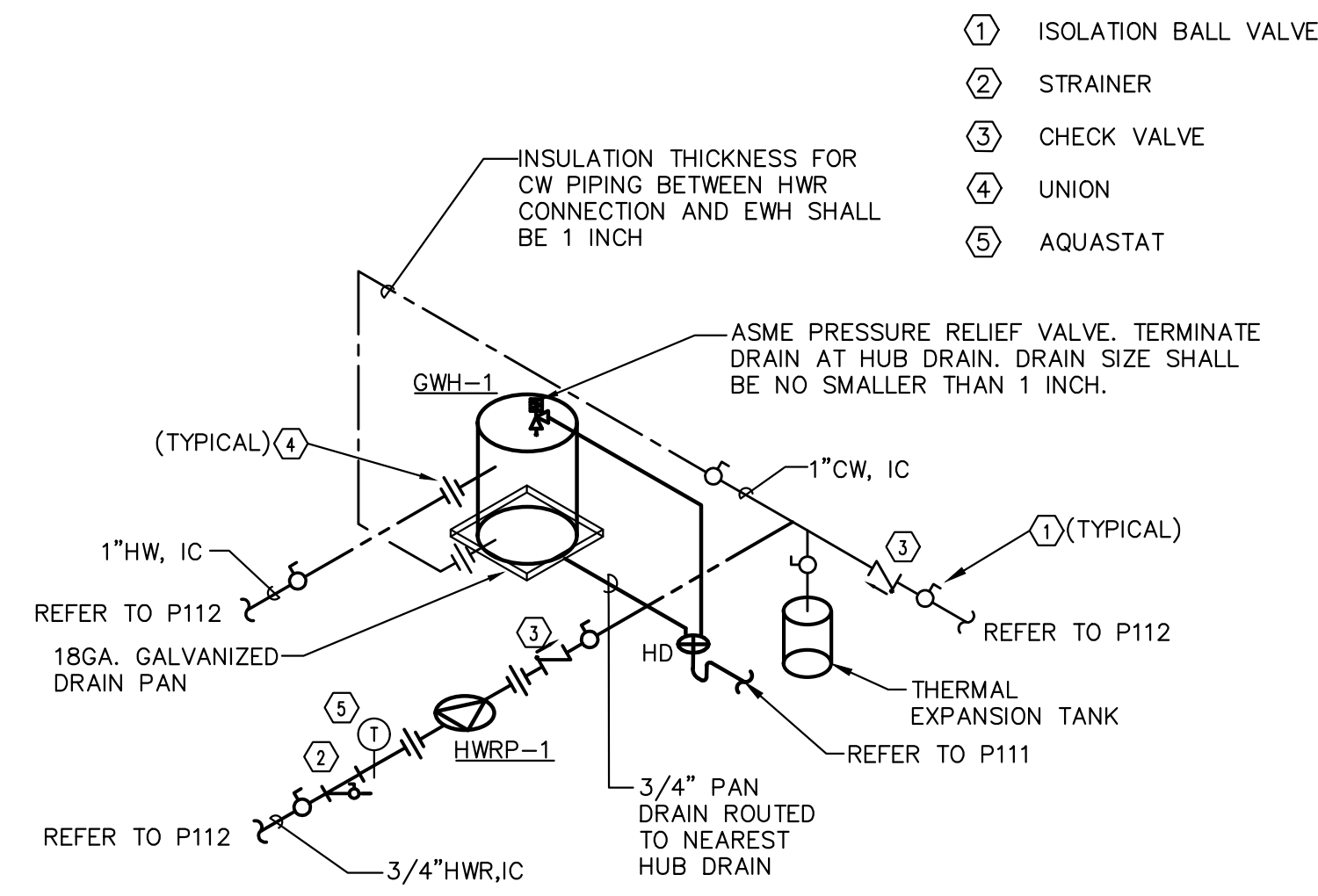
1/2" TYPE "K" SOFT TUBING TO TRAP PRIMER CONNECTION ON FLR. DRAIN

3 FLOOR DRAIN TRAP PRIMER DETAIL
SCALE: N.T.S.

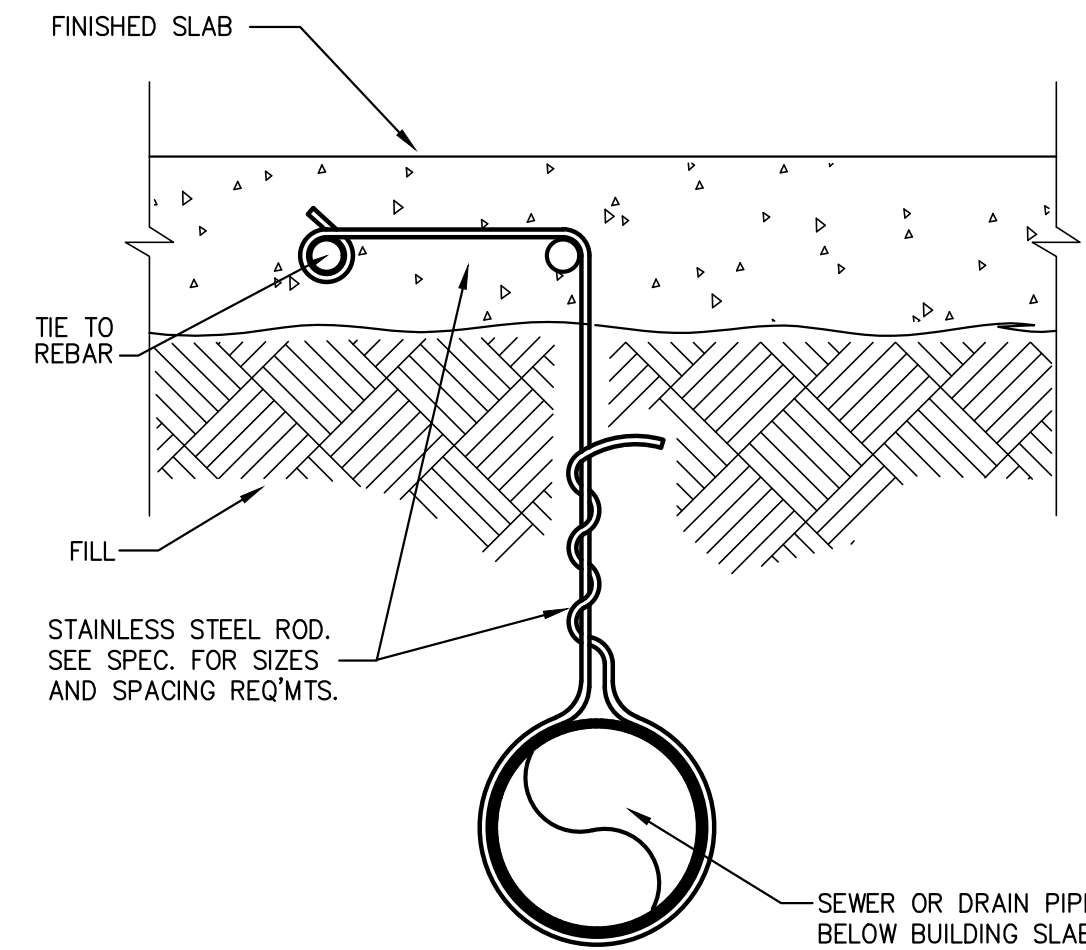


- ① GAS MAIN
- ② GAS COCK
- ③ REDUCER
- ④ UNION
- ⑤ TO EQUIPMENT
- ⑥ CAP
- ⑦ 12" LONG FULL SIZE DRIP LEG

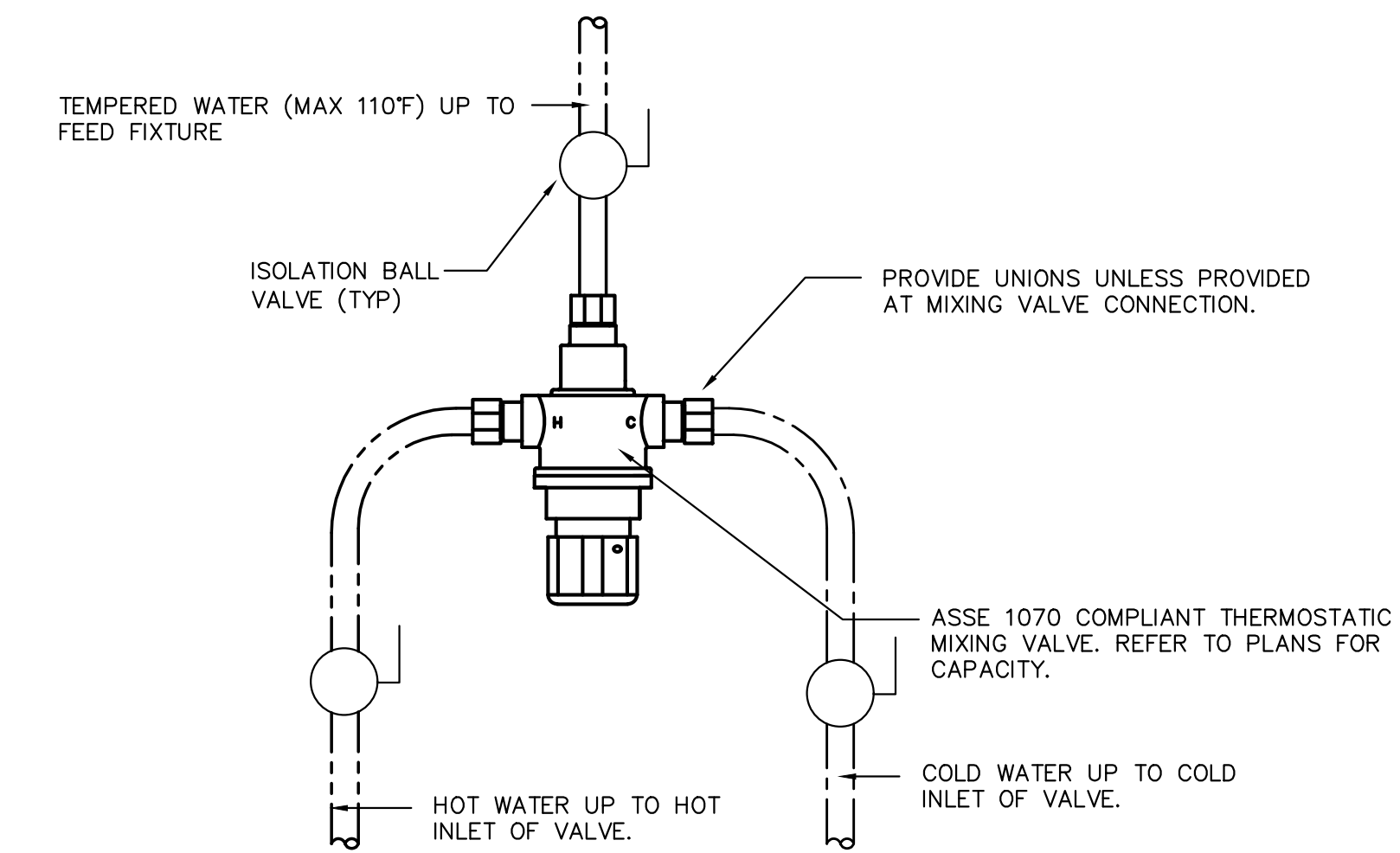
4 GAS CONNECTION PIPING DETAIL
SCALE: N.T.S.



5 DOMESTIC HOT WATER RETURN SYSTEM DETAIL
SCALE: N.T.S.

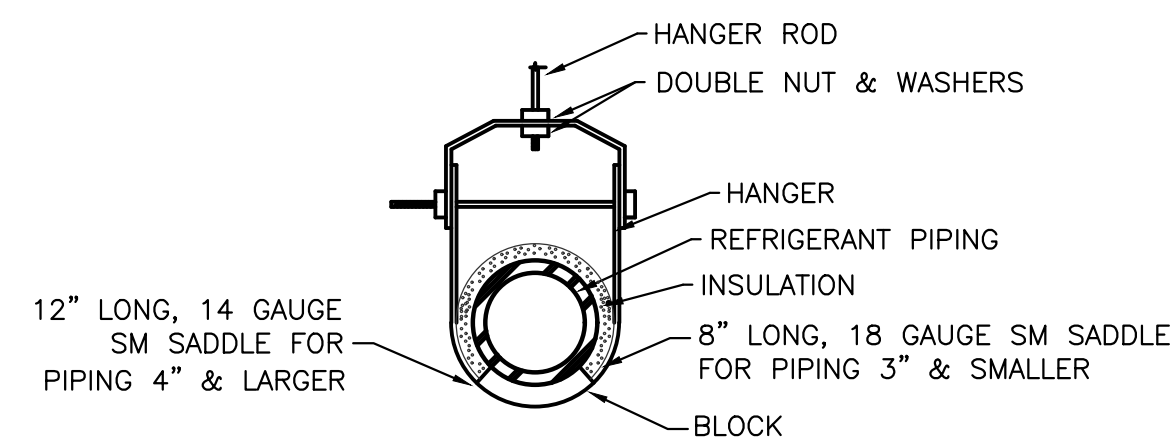


6 UNDERGROUND PIPE HANGER DETAIL
SCALE: N.T.S.



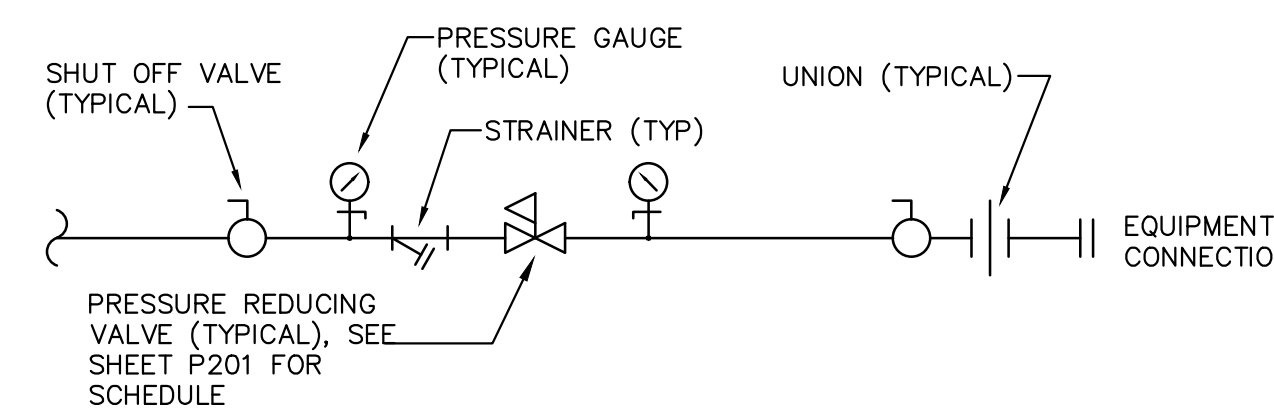
NOTE: CONTRACTOR SHALL INSTALL MIXING VALVE WITHIN WALL AND PROVIDE FULL ACCESS PANEL ADEQUATELY SIZED TO FACILITATE VALVE REPLACEMENT.

7 THERMOSTATIC MIXING VALVE DETAIL
SCALE: N.T.S.



FOR INSULATED PIPE
NOTE: TRAPEZE HANGERS ACCEPTABLE FOR MULTIPLE PIPE SUPPORTS.

8 PIPE HANGER DETAIL
SCALE: N.T.S.

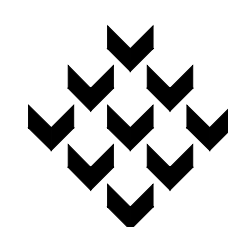


9 TYPICAL GAS PRV SCHEMATIC DIAGRAM
SCALE: N.T.S. NOTE: NOT REQUIRED AT GAS METER



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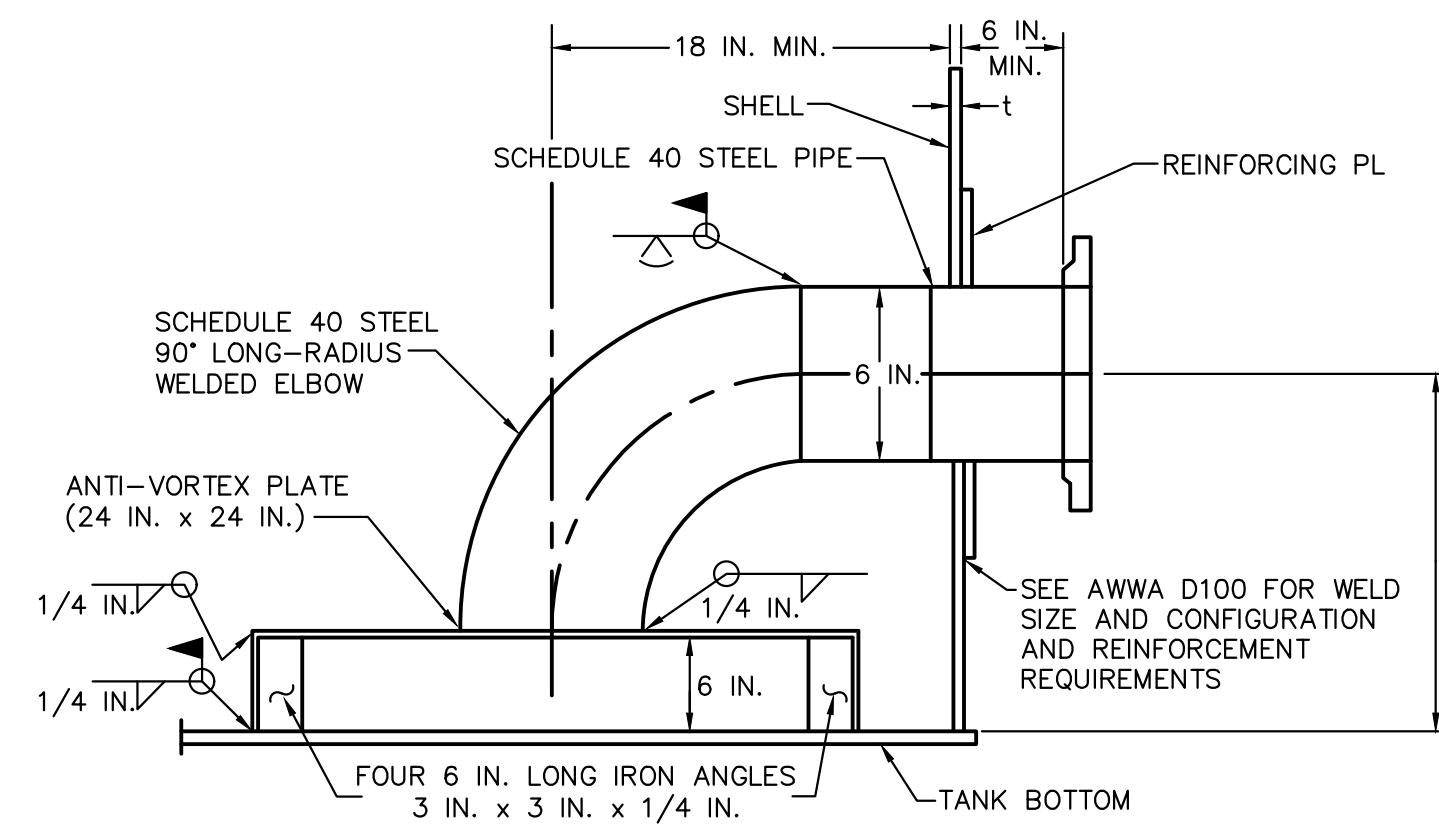


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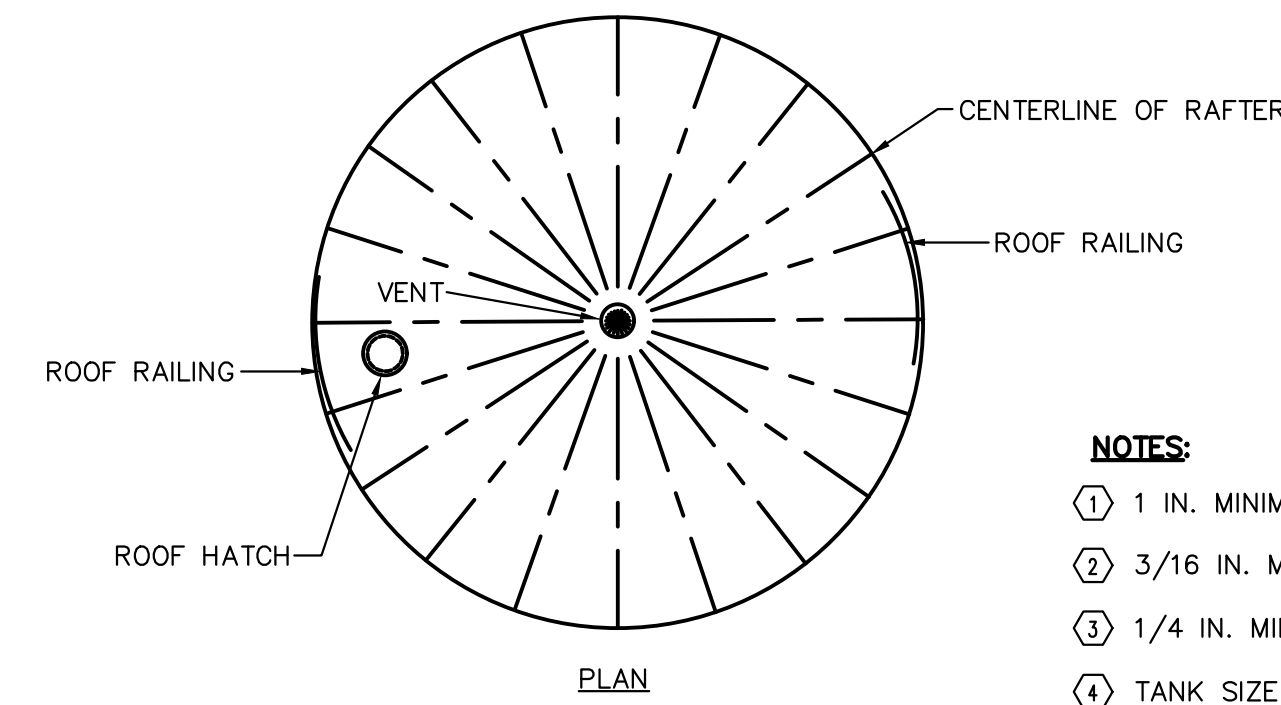
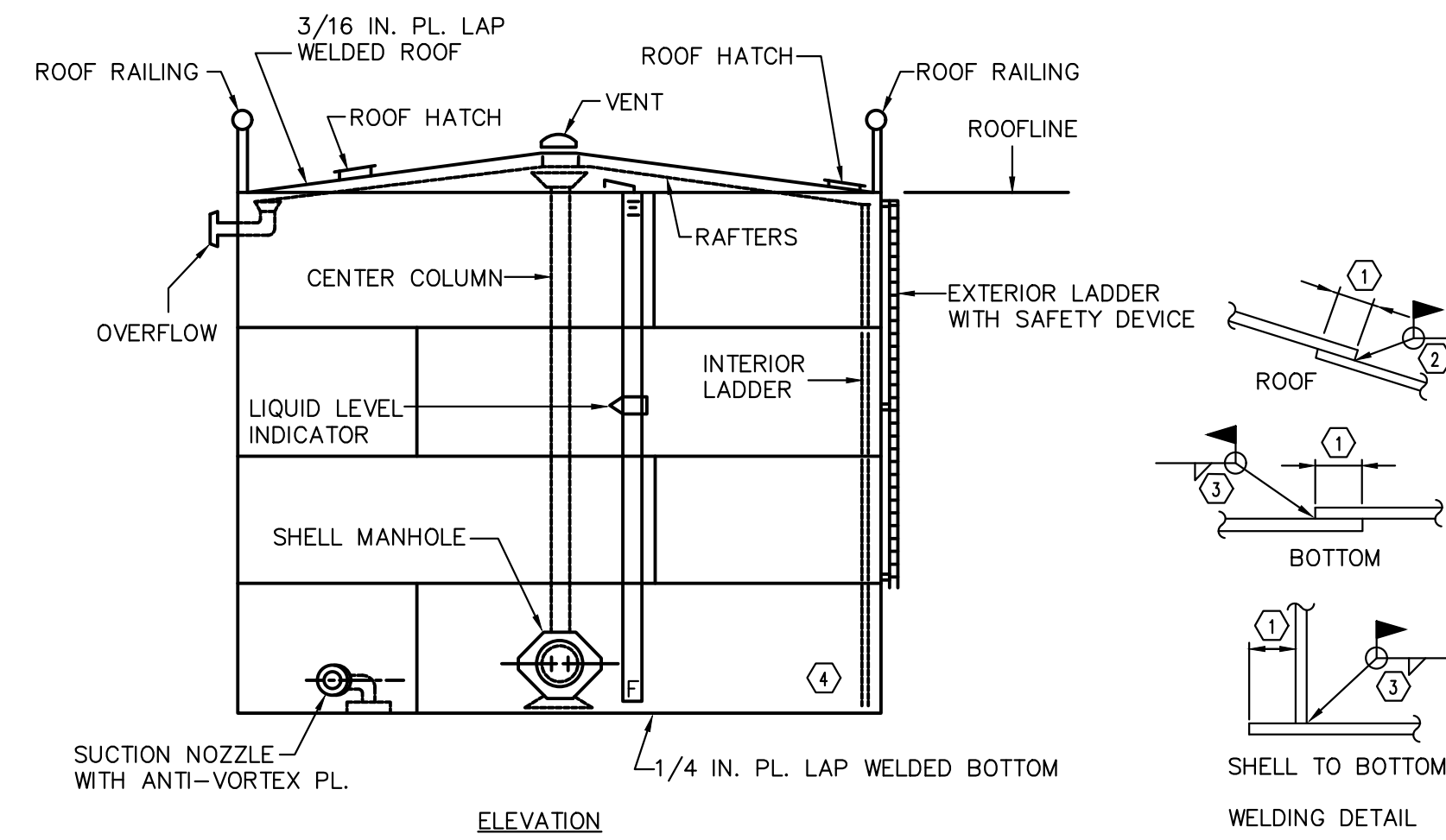
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1 SUCTION NOZZLE WITH ANTI VORTEX PLATE FOR WELDED SUCTION TANKS
SCALE: N.T.S.



- NOTES:**
- ① 1 IN. MINIMUM, OR LARGER AS REQUIRED BY AWWA D100.
 - ② 3/16 IN. MINIMUM, OR LARGER AS REQUIRED BY AWWA D100.
 - ③ 1/4 IN. MINIMUM, OR LARGER AS REQUIRED BY AWWA D100.
 - ④ TANK SIZE IS 10 FT OD x 14 FT H (8,200 GAL).

2 WELDED-STEEL SUCTION TANK
SCALE: N.T.S.



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STANDARD HVAC SYMBOL LEGEND	
NOTE: SYMBOL LEGEND IS FOR IDENTIFICATION PURPOSES ONLY. REFER TO PLANS, SCHEDULES, DETAILS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.	
MARK	DESCRIPTION
20x10	RECT. DUCT SIZE (CLEAR DIMENSIONS)
20 X 10	DUCT SECTION (FIRST FIGURE IS TOP)
	CONCENTRIC TRANSITION
	ECCENTRIC TRANSITION
	DUCT (TURNED UP)
	DUCT (TURNED DOWN)
	FLEXIBLE CONNECTION
	MANUAL VOLUME DAMPER (MVD) WITH ACCESS PANEL
	MOTORIZED DAMPER
	ACCESS PANEL
	FIRE DAMPER WITH ACCESS PANEL
	CEILING DIFFUSER ASSEMBLY, ARROWS INDICATE AIR PATTERN NO ARROWS INDICATE 4-WAY. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	DUCTED CEILING RETURN AIR REGISTER/GRILLE. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	PLENUM RETURN REGISTER/GRILLE WITH SOUND TRAP
	EXHAUST REGISTER/GRILLE. PROVIDE MVD AT RUNOUT CONNECTION TO DUCT.
	SIDEWALL RETURN REGISTER/GRILLE
	SIDEWALL TRANSFER WITH (2) GRILLES/REGISTERS
	AIR DISTRIBUTION DEVICE. CFM ON TOP, NECK SIZE ON BOTTOM, SEE AIR DEVICE SCHEDULE. - DENOTES NO SPECIFIC AIRFLOW REQUIREMENT.
	SMOKE DETECTOR
	THERMOSTAT
	TEMPERATURE SENSOR
	CARBON DIOXIDE SENSOR
	POINT OF CONNECTION - NEW TO OLD
	LIMIT OF DEMOLITION
	NEW MECHANICAL UNIT
	EXISTING MECHANICAL UNIT
	ELBOW TURNED UP
	ELBOW TURNED DOWN
	CONDENSATE DRAIN

STANDARD ABBREVIATION LEGEND	
MARK	DESCRIPTION
U.N.O.	UNLESS NOTED OTHERWISE
A.F.F.	ABOVE FINISHED FLOOR
N.I.C.	NOT IN CONTRACT
A.F.G.	ABOVE FINISHED GRADE
M.V.D.	MANUAL VOLUME DAMPER

MECHANICAL GENERAL NOTES:

- HVAC SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE 2021 EDITIONS OF THE INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL ENERGY CODE AND THE CURRENT EDITIONS OF THE APPLICABLE NFPA STANDARDS.
- COORDINATE AIR DEVICE LOCATIONS WITH OTHER TRADES.
- DUCT SIZES REFLECT FREE AREA DIMENSIONS.
- INSTALL DUCT WORK TIGHT TO AND SUSPENDED FROM STRUCTURE ABOVE, TRANSITION DOWN TO CROSS BENEATH BEAMS.
- COORDINATE EXACT DUCT ROUTE AND DROPS WITH STRUCTURE, PLUMBING LINES, ELECTRICAL SYSTEMS, AND SPECIAL SYSTEMS. MODIFY ROUTING AS REQUIRED.
- ALL DUCTS ROUTED IN MEZZANINE TO SERVE GRILLE DIRECTLY BELOW THE MEZZANINE SHALL BE ROUTED AS HIGH AS POSSIBLE TO FACILITATE CLEAR PASSAGE THROUGH THE MEZZANINE; APPROXIMATELY 6' CLEAR.
- MOUNT THERMOSTATS 48" A.F.F. AS PER ADA REQUIREMENTS, COORDINATE EXACT LOCATION WITH ARCHITECT. THERMOSTATS SHALL NOT BE MOUNTED ON EXTERIOR WALL OR WHERE DIRECT SUNLIGHT OR SUPPLY AIR FLOW WILL IMPACT CONTROL.
- REFER TO ARCHITECTURAL PLANS FOR WALL, FLOOR, AND ROOF PENETRATION DETAILS.
- NO MECHANICAL EQUIPMENT, DUCT, OR PIPING SHALL EXTEND INTO SPACE ABOVE ELECTRICAL PANEL. COORDINATE INSTALLATION AND ROUTING WITH ELECTRICAL.
- PROVIDE ACCESS PANELS IN HARD CEILINGS WHERE MECHANICAL ACCESS IS REQUIRED. ACCESS PANELS SHALL BE LARGE ENOUGH TO FACILITATE REMOVAL OF EQUIPMENT. COORDINATE LOCATIONS WITH OTHER TRADES AND INCLUDE LOCATIONS ON COORDINATION DRAWINGS.
- PROVIDE FLEX CONNECTIONS TO ALL FAN POWERED EQUIPMENT.
- ALL EXHAUST DUCT SHALL BE 26 GAGE SNAP SEAM HARD ROUND DUCT. FLEXIBLE DUCT IS NOT ALLOWED.
- ALL VISIBLE REFRIGERANT LINES SHALL BE HARD DRAWN COPPER. SOFT LINES ACCEPTABLE IN HIDDEN LOCATIONS.
- DUCT MOUNTED SMOKE DETECTORS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- UNLESS NOTED OTHERWISE, PROVIDE MANUAL DAMPER FOR ALL SUPPLY GRILLE BRANCH DUCTS. NOT SHOWN ON PLANS FOR CLARITY.
- FIRE SAFE ALL PENETRATIONS THRU RATED WALLS AND FLOORS TO PREVENT FIRE AND SMOKE PASSAGE USING STANDARD UL LISTED ASSEMBLIES TO MAINTAIN RATING OF THE BARRIER BEING PENETRATED. MATERIALS SHALL MEET ASTM-814 REQUIREMENTS.
- ALL OUTSIDE AIR INTAKES SHALL BE INSTALLED A MINIMUM OF 10'-0" FROM ALL EXHAUST AND PLUMBING VENT TERMINATIONS.
- CONTRACTOR TO RELOCATE EXISTING CONDENSING UNIT FOR CONTINUED USE DURING CONSTRUCTION OF ADDITION. SEE PLANS FOR DETAILS.

MECHANICAL DEMOLITION NOTES:

- CONTRACTOR SHALL COORDINATE EACH PHASE OF WITH OWNER AND ARCHITECT. FACILITY TO REMAIN IN USE THROUGHOUT THE DEMOLITION AND CONSTRUCTION PROCESS.
- CONTRACTOR SHALL GIVE FIRE DEPARTMENT THE FIRST RIGHT OF REFUSAL OF DEMOLISHED MATERIALS. MEANING, ANY DEMOLISHED ITEMS OF VALUE THE FIRE DEPARTMENT SHALL HAVE THE OPTION TO DO WITH IT AS THEY PLEASE. IF THE FIRE DEPARTMENT DOESN'T WANT IT, THE CONTRACTOR SHALL REMOVE IT.
- CONTRACTOR SHALL REMOVE HVAC SYSTEM IN ITS ENTIRETY, THAT INCLUDES, WIRING, DUCTS, SUPPORTS, PIPING, INSULATION, GRILLES, ETC.
- VEHICLE EXHAUST FAN SERVING APPARATUS BAY SHALL REMAIN.

BUILDING DESIGN CRITERIA	
HVAC CALCULATIONS BASED ON THE FOLLOWING:	
AMBIENT CONDITIONS	
SUMMER	95 DEG F DB 80 DEG F WB
WINTER	30 DEG F
SPACE CONDITIONS	
SUMMER	75 DEG F DB 62.6 DEG F WB
WINTER	70 DEG F
BUILDING CONSTRUCTION	
THIN BRICK VANEER OVERALL U-VALUE	0.062 BTU/(hr-ft2-deg F)
PVC CLADDING OVERALL U-VALUE	0.062 BTU/(hr-ft2-deg F)
STUCCO OVERALL U-VALUE	0.063 BTU/(hr-ft2-deg F)
METAL PANELS OVERALL U-VALUE	0.063 BTU/(hr-ft2-deg F)
ROOF OVERALL U-VALUE	0.047 BTU/(hr-ft2-deg F)
GLAZING OVERALL U-VALUE	0.700 BTU/(hr-ft2-deg F)
GLAZING OVERALL SHADING COEFFICIENT	0.650
DOOR OPAQUE HOLLOW METAL OVERALL U-VALUE	0.700 BTU/(hr-ft2-deg F)

AIR HANDLING UNIT SCHEDULE - DX-SPLIT, HEAT PUMP

TAG	SERVICE	AIRFLOW						FAN				COOLING		HEATING				ELECTRICAL			CARRIER MODEL	UNIT WEIGHT (LBS)	CONDENSATE DRAIN SIZE (IN)	NOTES
		TOTAL CFM	OA CFM	TYPE	DISCHARGE ORIENTATION	RETURN AIR ORIENTATION	HP	FAN STAGES	MIN ESP (IN.W.G.)	EAT (DB / WB) (°F)	LAT (DB / WB) (°F)	NO. STAGES	EAT / LAT (°F)	AMBIENT (°F)	CAPACITY (BTUH)	NO. STAGES	V / PH / HZ	MCA	MOP					
AHU-1	DAY ROOM & OFFICES	1,665	215	HORIZONTAL	TOP	BACK	3/4	VARIABLE	3/4	77.6 / 65	55 / 54	MOD	62.45 / 85.11	25	40,944	MOD	208 / 1 / 60	7.1	15	FTSANB060L00	205	3/4	1-6	
AHU-2	BUNKS	515	65	HORIZONTAL	TOP	BACK	1/2	VARIABLE	3/4	77.5 / 64.9	55 / 54	MOD	62.57 / 87	25	13,648	MOD	208 / 1 / 60	5	15	FTSANB24L00	125	3/4	1-6	
AHU-3	LAUNDRY & GYM	620	80	HORIZONTAL	TOP	BACK	1/2	VARIABLE	3/4	77.6 / 65	55 / 54	MOD	62.45 / 85.28	25	15,354	MOD	208 / 1 / 60	5	15	FTSANB24L00	125	3/4	1-6	

HEAT PUMP SCHEDULE

TAG	SERVICE	COOLING			HEATING			ELECTRICAL			CARRIER MODEL	UNIT WEIGHT (LBS)	NOTES	
		CAPACITY (BTUH)	AMBIENT AIR TEMP (°F)	NO. STAGES	CAPACITY (BTUH)	AMBIENT AIR TEMP (°F)	NO. STAGES	REFRIG.	V / PH / HZ	MCA				MOP
HP-1	AHU-1	60,000	95	INVERTER	48,000	25	INVERTER	R-454B	208 / 1 / 60	34.9	60	27TPA860A003	340	1-4
HP-2	AHU-2	24,000	95	INVERTER	22,000	25	INVERTER	R-454B	208 / 1 / 60	22.1	25	27TPA824A003	270	1-4
HP-3	AHU-3	24,000	95	INVERTER	22,000	25	INVERTER	R-454B	208 / 1 / 60	22.1	25	27TPA824A003	270	1-4

RESIDENTIAL RANGE EXHAUST HOOD SCHEDULE

TAG	DESCRIPTION	HOOD DIMENSIONS			EXHAUST AIR		ELECTRICAL		DENLAR MODEL	WEIGHT LB	NOTES
		LENGTH	WIDTH	HEIGHT	CANOPY WEIGHT	MAX CFM	S.P. (INWG)	V/PH/HZ			
KEF-1	4-BURNER RANGE EXHAUST HOOD	30"	19.38"	10-1/2"	55	300	0.5	120 / 1 / 60	D1030-D-F-NFA INLINE	60	1-3

FAN SCHEDULE

TAG	SERVICE	MOUNTING TYPE	FAN				CONTROL	ELECTRICAL		GREENHECK MODEL	NOTES
			TOTAL CFM	WATTS	ESP (INWG)	MAX RPM		MAX SONES	V / PH		
EF-1	105 R.R.	CEILING	50	14.3	1/2	838	2	INTERLOCK	115V / 1PH	SPA-70-VG	1, 3
EF-2	111 R.R.	CEILING	50	14.3	1/2	838	2	INTERLOCK	115V / 1PH	SPA-70-VG	1, 3
EF-3	115 R.R.	CEILING	50	14.3	1/2	838	2	INTERLOCK	115V / 1PH	SPA-70-VG	1, 3
EF-4	120 LAUNDRY	CEILING	60	14.3	1/2	838	2	INTERLOCK	115V / 1PH	SPA-70-VG	1, 3
EF-5	IT RM	CEILING	50	14.3	1/2	838	2	THERMOSTAT	115V / 1PH	SPA-70-VG	1-2

INDIRECT GAS FIRED UNIT HEATER

TAG	SERVICE	HEATING CAPACITY				ELECTRICAL		MODEL	NOTES	
		AIRFLOW CFM	FAN HP	BTUH OUTPUT	THROW FT	MINIMUM EFFICIENCY %	MINIMUM NUMBER STAGES			
UH-1	BAY	650	1/35	40,000	39	80	1	120 / 1	REZNOR MODEL F	1
UH-2	BAY	650	1/35	40,000	39	80	1	120 / 1	REZNOR MODEL F	1

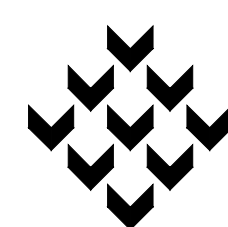
DEHUMIDIFIER SCHEDULE

TAG	SERVICE	FAN		73°F / 60%RH CAPACITY (PINTS/DAY)		ELECTRICAL		ULTRA AIRE MODEL	WEIGHT (LBS)	DRAIN SIZE (IN)	NOTES
		TOTAL CFM	ESP (INWG)	V / PH / HZ	REFRIG.	AMP (A)					
DH-1	AHU-1	140	0.2	52.5	R-454B	120 / 1 / 60	4.1	70	65	3/4	1, 2
DH-2	AHU-2	140	0.2	52.5	R-454B	120 / 1 / 60	4.1	70	65	3/4	1, 2

AIR DEVICE SCHEDULE

TAG	CFM	NECK SIZE	FACE SIZE	FINISH	TYPE	FUNCTION	NAILOS MODEL	NOTES
(A)	VARIES	VARIES	24 x 24	WHITE	SURFACE	SUPPLY	AUNI WITH PLASTER RING	1-3
(B)	VARIES	VARIES	20 x 20	WHITE	SURFACE	SUPPLY	AUNI WITH PLASTER RING	1-4
(C)	VARIES	VARIES	12 x 12	WHITE	SURFACE	SUPPLY	AUNI WITH PLASTER RING	1, 2
(D)	VARIES	VARIES	24 x 24	WHITE	LAY-IN	SUPPLY	AUNI	1, 2, 4
(E)	VARIES	VARIES	24x24	WHITE	SURFACE	RETURN	5145H	1, 2, 4
(F)	VARIES	VARIES	20 x 20	WHITE	SURFACE	RETURN	5145H	1, 2, 4
(G)	VARIES	VARIES	24x24	WHITE	LAY-IN	RETURN	5145H	1, 2, 4

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Mandeville Louisiana

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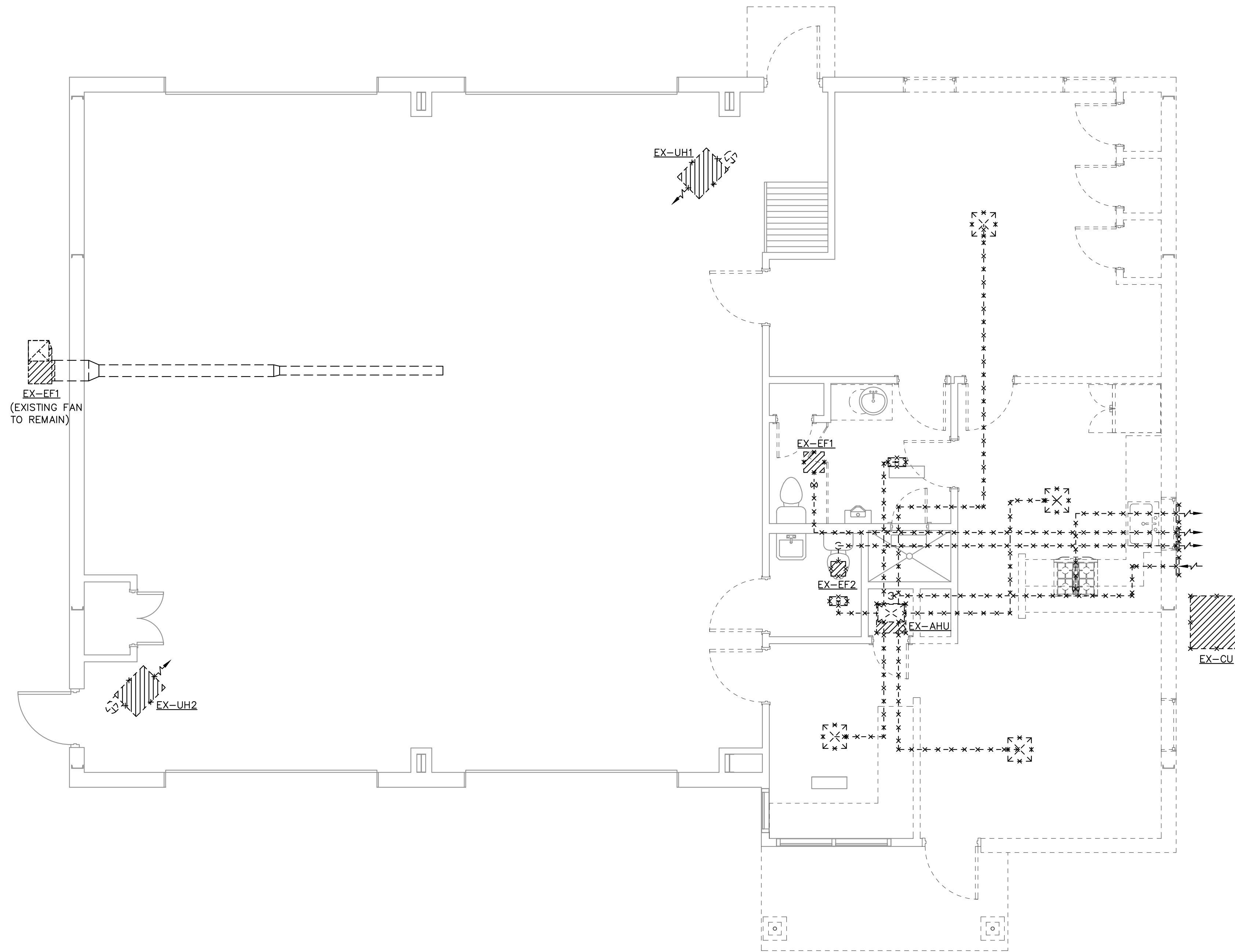
FIRE STATION 44
RENOVATIONS AND ADDITIONS
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1 MECHANICAL DEMOLITION PLAN – FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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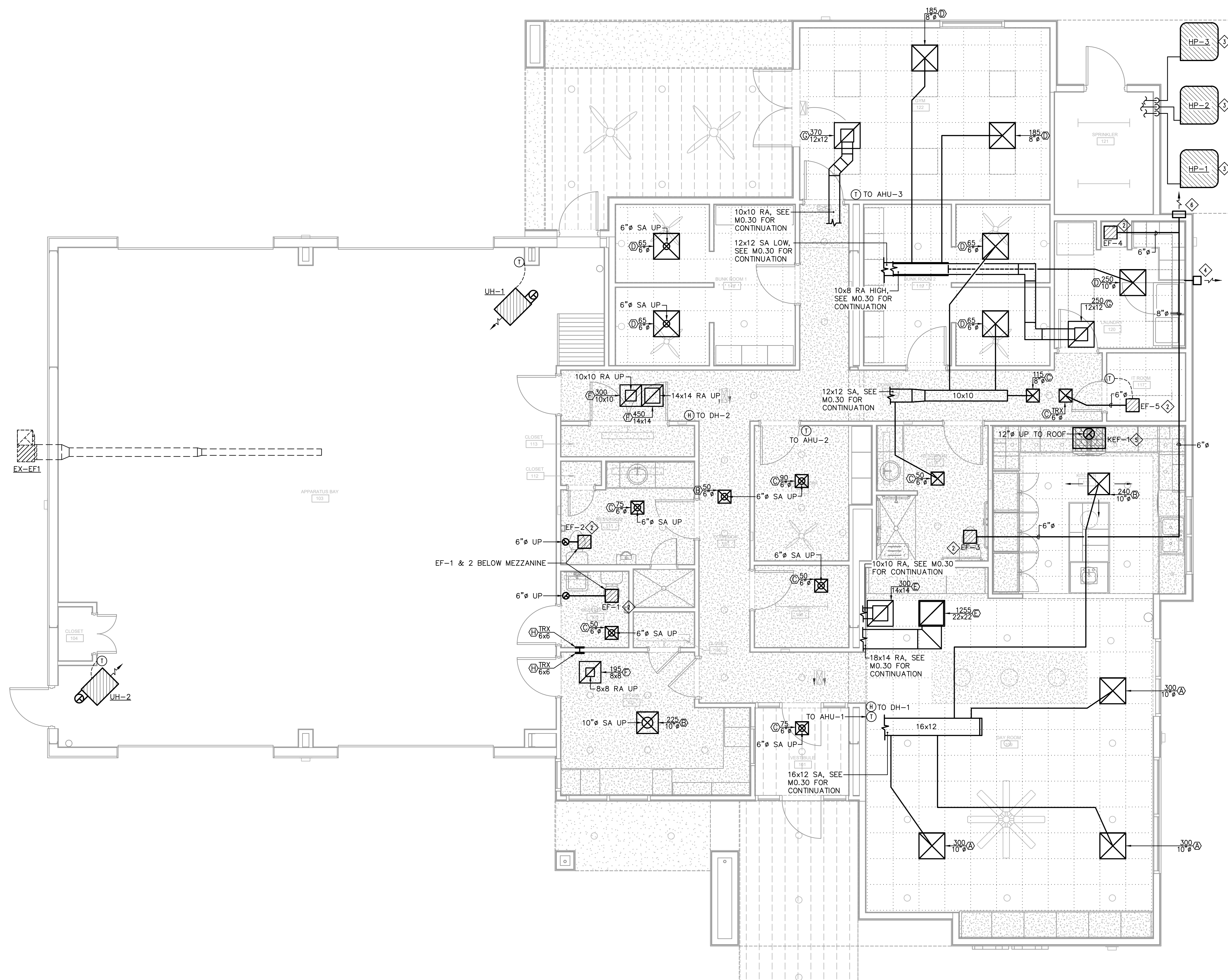
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- MECHANICAL SPECIFIC NOTES:**
- 1 MOUNT HORIZONTAL AIR HANDLING UNIT ON MEZZANINE WITH DEHUMIDIFICATION UNIT ABOVE IT, AHU-1 & 2 ONLY. UNITS SHOWN FOR REFERENCE, SEE MEZZANINE PLAN FOR FURTHER DETAILS.
 - 2 INSTALL CEILING EXHAUST FAN SUSPENDED FROM STRUCTURE ABOVE WITH VIBRATION ISOLATORS AND SPRING LOADED BACK-DRAFT DAMPERS WITH NEOPRENE SEALS, ADLES SERIES 99 OR EQUAL, TYPICAL ALL FANS. SPEED CONTROLLER SHALL BE ACCESSIBLE.
 - 3 SET UNIT ON CONCRETE HOUSEKEEPING PAD, TIMBER SUPPORTS & PLASTIC EQUIPMENT PAD NOT ALLOWED. BOTH LIQUID AND SUCTION LINES SHALL BE INSULATED AS SPECIFIED. MAINTAIN RECOMMENDED SERVICE CLEARANCES. ROUTE THROUGH WALL TO ABOVE CEILING. REFRIGERANT PIPING SHALL BE SUPPORTED ABOVE PAD BY SECURING TO UNISTRUT AT 4' O.C. CONTRACTOR SHALL PROVIDE GALVANIZED WEATHER SHIELD AT WALL PENETRATIONS. SEAL TIGHT ALL WALL OPENINGS. PROVIDE MANUFACTURER APPROVED COATING FOR ALL REFRIGERANT INSULATION EXPOSED TO OUTDOORS.
 - 4 PROVIDE 4" ROUND CONNECTION HOODED WALL CAP FOR DRYER EXHAUST DISCHARGE. WALL CAP SHALL BE ALL ALUMINUM WITH BUILT-IN BIRD SCREEN. GREENHECK WC-4 OR EQUAL. MOUNT BETWEEN 2' AND 4' ABOVE GRADE. DRYER EXHAUST DUCT SHALL HAVE NO MORE THAN 2 ELBOWS AND SHALL NOT BE ROUTED WITHIN 1-HOUR RATED WALL. COORDINATE WITH LIFE SAFETY PLANS. REFER TO APPLIANCE MANUFACTURER INSTRUCTIONS FOR ADDITIONAL REQUIREMENTS.
 - 5 CONTRACTOR SHALL INSTALL KITCHEN EXHAUST FAN ABOVE COOKTOP NO LESS THAN 24" BUT NO MORE THAN 36". COORDINATE WITH ARCHITECTURAL ELEVATION PLANS. COORDINATE EXACT MANUAL PULL STATION LOCATION WITH OTHER TRADES. ROUTE 12" EXHAUST DUCT FROM FAN OUTLET TO ROOF CAP. SEE SHEET M121 FOR FURTHER DETAILS.
 - 6 PROVIDE 8" ROUND CONNECTION HOODED WALL CAP WITH ALUMINUM CONSTRUCTION, BUILT-IN BIRDSCREEN AND DAMPER. GREENHECK MODEL WC-8 OR EQUAL.
 - 7 PROVIDE DUCT MOUNTED SMOKE DAMPER. COORDINATE WITH ELECTRICAL DAMPER ACTUATION METHOD. TYPICAL ALL SMOKE DAMPERS.

1 MECHANICAL PLAN - FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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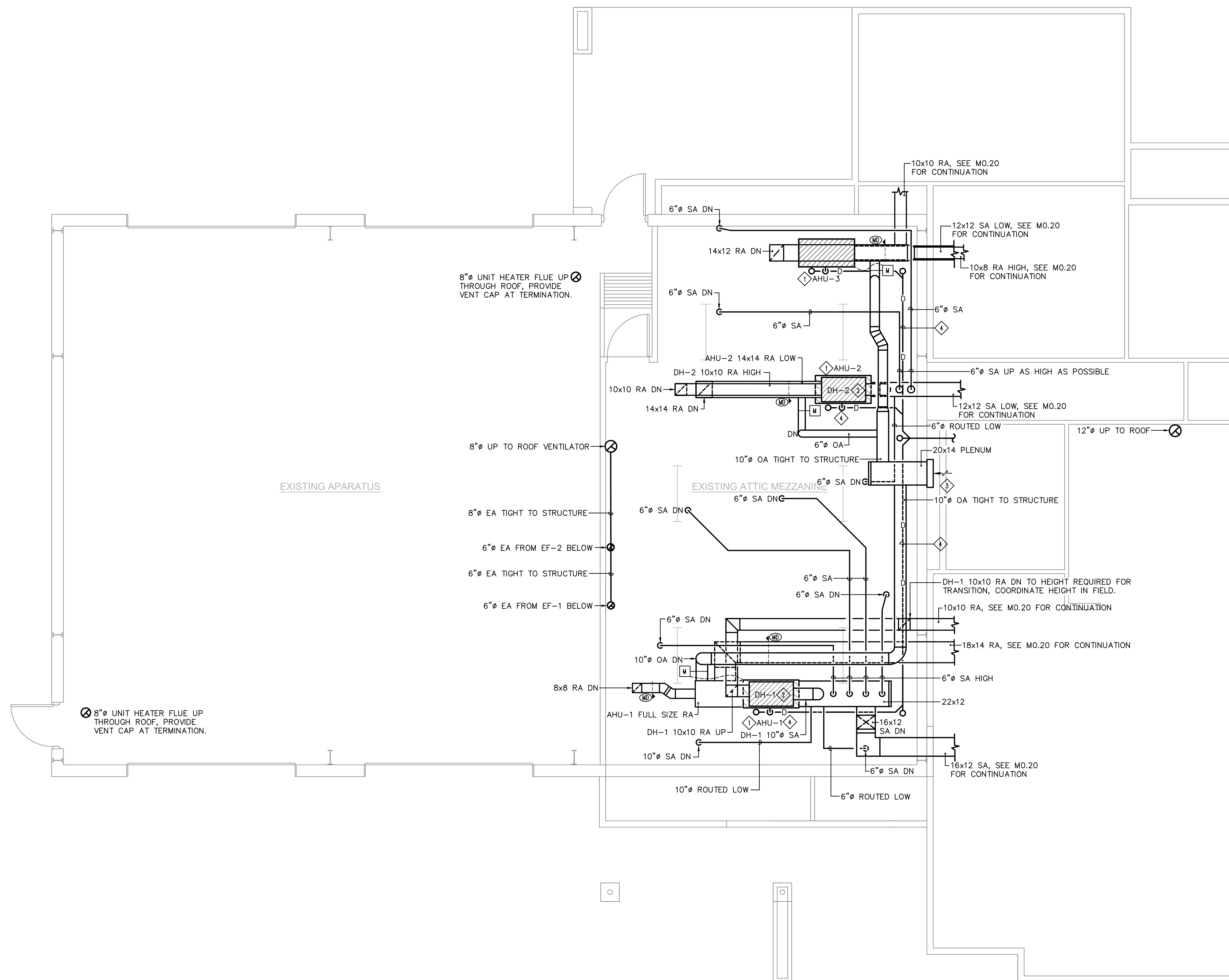
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- MECHANICAL SPECIFIC NOTES:**
- 1 MOUNT HORIZONTAL AIR HANDLING UNIT IN GALVANIZED DRAIN PAN WITH FLOAT SWITCH INTERLOCKED TO FAN. INSTALL MOTORIZED DAMPER IN OUTSIDE AIR SUPPLY DUCT UP STREAM OF BALANCING VALVE INTERLOCKED TO FAN. PROVIDE DRAIN FOR PAN WITH SHUT OFF VALVE (NORMALLY CLOSED). PROVIDE RECOMMENDED SERVICE CLEARANCE AROUND UNIT. PROVIDE VIBRATION ISOLATION AT ALL POINTS OF CONTACT WITH PAN. ROUTE FULL SIZED, INSULATED AS SPECIFIED TO HUB DRAIN, SEE DETAILS FOR MORE INFORMATION.
 - 2 MOUNT DEHUMIDIFICATION UNIT IN GALVANIZED PAN WITH FLOAT SWITCH INTERLOCKED TO FAN, SUSPENDED FROM STRUCTURE DIRECTLY ABOVE AIR HANDLING UNIT. CONNECT DEHUMIDIFICATION UNIT SUPPLY AIR MAIN UPSTREAM OF FIRST AIR HANDLING UNIT TAKE-OFF. INTERLOCK FAN TO AIR HANDLING UNIT, UNITS SHALL NOT RUN SIMULTANEOUSLY, AIR HANDLING UNIT SHALL HAVE PRIORITY. ROUTE FULL SIZED INSULATED AS SPECIFIED CONDENSATE DRAIN TO HUB DRAIN. INSTALL WITH STRICT ADHERENCE TO MANUFACTURER'S RECOMMENDATIONS. SEE DETAILS FOR MORE INFORMATION.
 - 3 LOCATE OUTSIDE AIR INTAKE LOUVER VERTICALLY CENTERED ON FASCIA BETWEEN ROOFS. LOUVER SHALL BE AMCA 550/540 RATED AND INSTALLED WITH AN INSULATED PLENUM, 1/2" CLOSED CELL ELASTOMERIC INSULATION, AND SLOPED TOWARDS LOUVER. GREENHECK MODEL EHV-550D-20x14 OR EQUAL.
 - 4 DEHUMIDIFICATION UNIT CONDENSATE DRAIN SHALL CONNECT TO AIR HANDLING UNIT CONDENSATE DRAIN IN HORIZONTAL SEE DETAIL FOR FURTHER INFORMATION. CONDENSATE PIPING SHALL BE SUPPORTED OFF MEZZANINE FLOOR VIA PIPE SUPPORTS AT 4' O.C., DURABLOCK OR EQUAL. SECURE PIPING TO BLOCKS, STRAPS SHALL BE LARGE ENOUGH TO FIT PIPING AND INSULATION. NO BREAKS IN INSULATION ALLOWED. SUPPORTS NOT SHOWN FOR CLARITY.

1 MECHANICAL PLAN – MEZZANINE
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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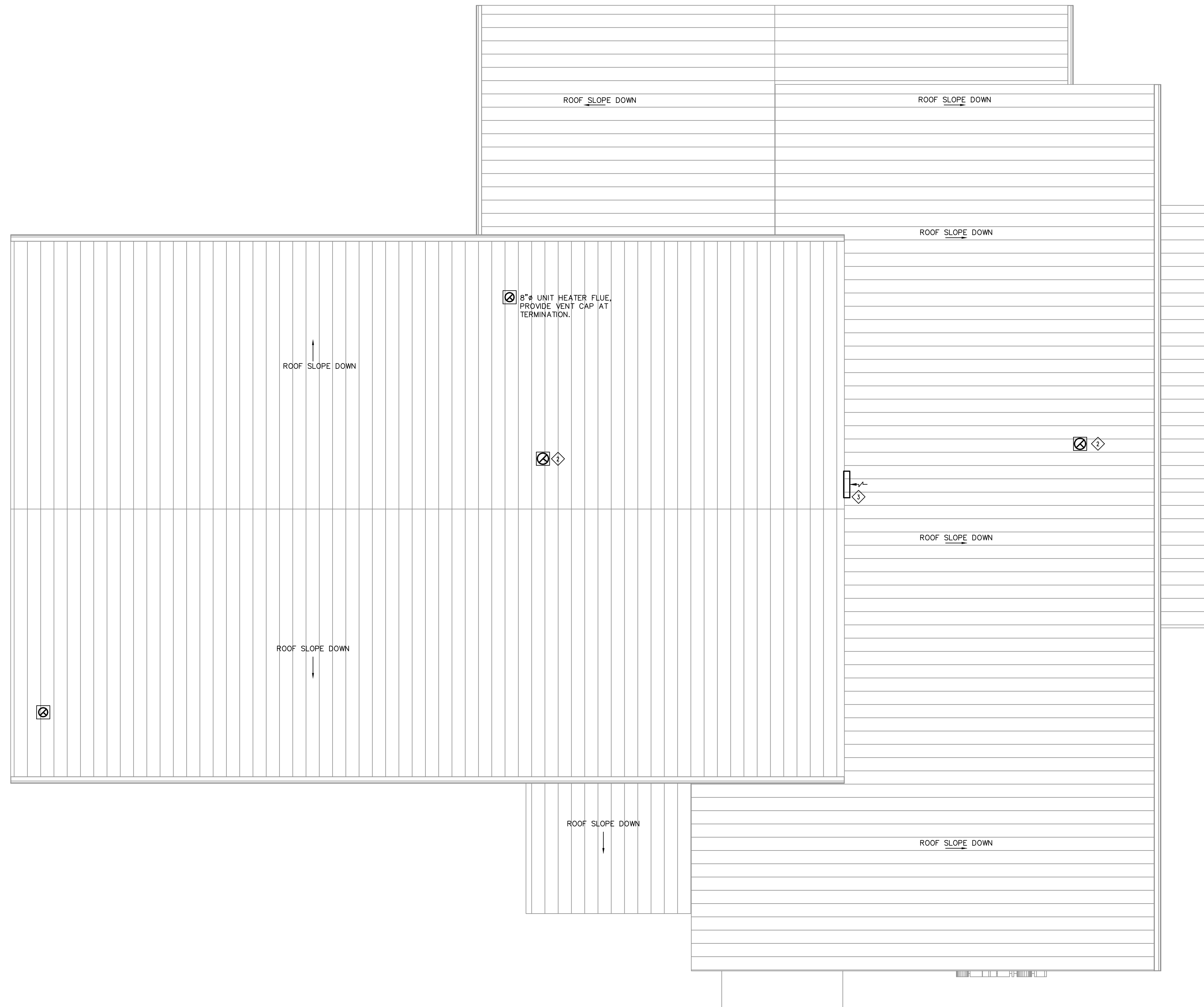
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- MECHANICAL SPECIFIC NOTES:**
- ① PROVIDE 8"Ø DUCT CAPABLE, ALUMINUM, RAINPROOF, SLOPED ROOF RELIEF VENTILATOR WITH INTEGRAL BIRDSCREEN. ROOF JACK ACCEPTABLE. ROUTE 100' DOWN TO SERVE EF-1 & 2.
 - ② PROVIDE 12"Ø DUCT CAPABLE, ALUMINUM, RAINPROOF, SLOPED ROOF RELIEF VENTILATOR WITH BACK-DRAFT DAMPER AND INTEGRAL BIRDSCREEN. ROOF JACK ACCEPTABLE. ROUTE 12"Ø DOWN TO KEF-1.
 - ③ LOCATE OUTSIDE AIR INTAKE LOUVER VERTICALLY CENTERED ON FASCIA BETWEEN ROOFS. LOUVER SHALL BE AMCA 550/540 RATED AND INSTALLED WITH AN INSULATED PLENUM, 1/2" CLOSED CELL ELASTOMERIC INSULATION, AND SLOPED TOWARDS LOUVER. GREENHECK MODEL EHV-550D-20x14 OR EQUAL. SEE M03.0 FOR CONTINUATION.

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



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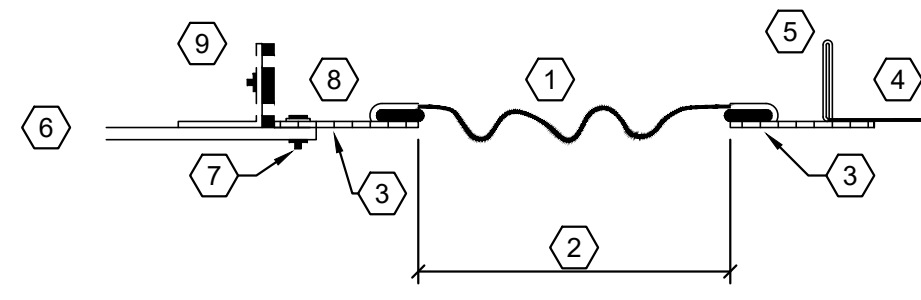


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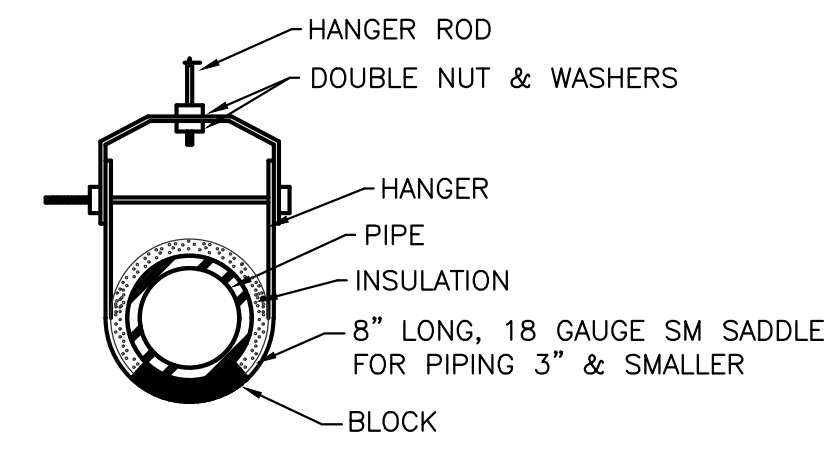
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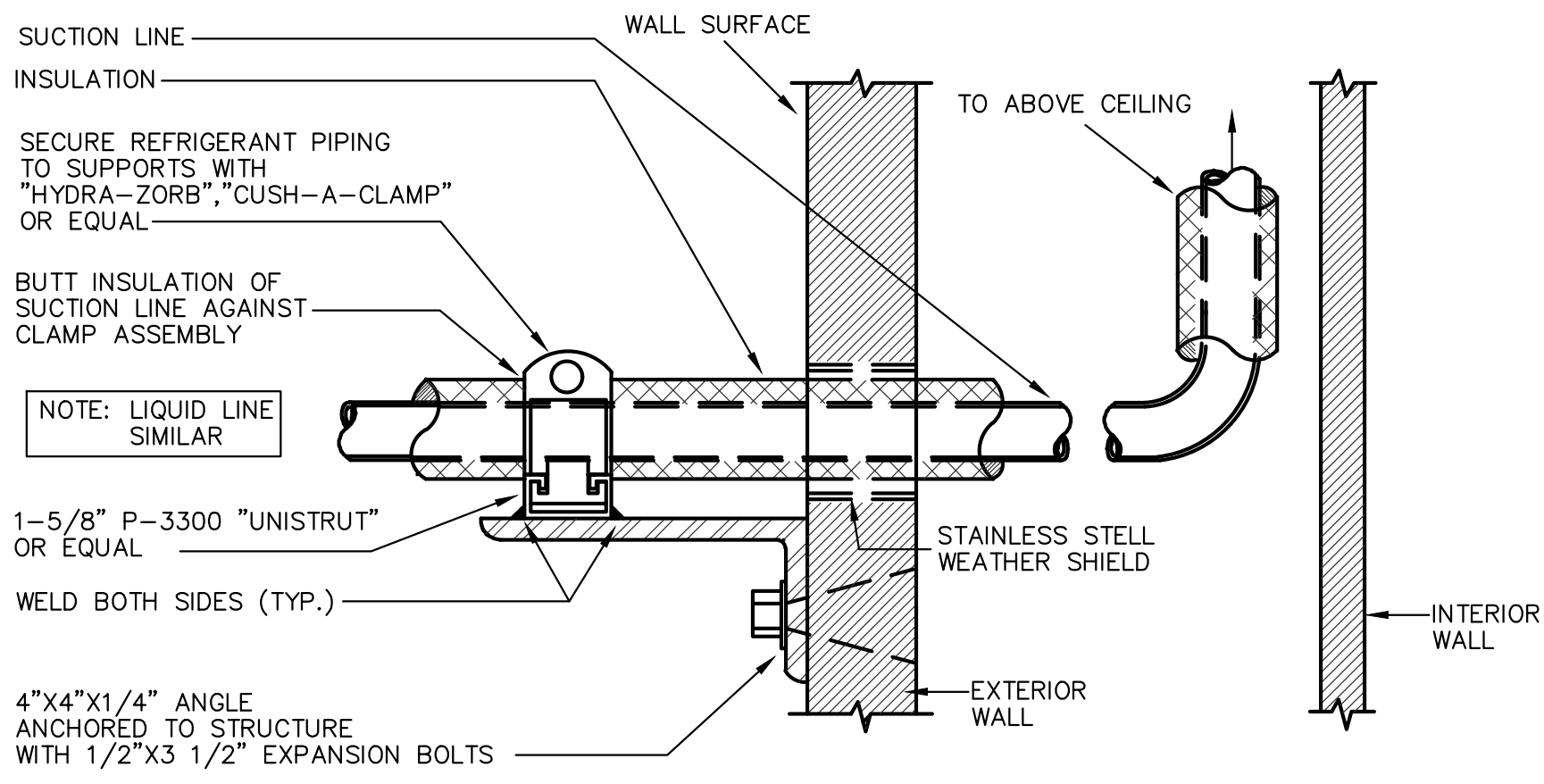
- FLEXIBLE MATERIAL AS SPECIFIED
- ② 1-1/2" MIN. TO 3" MAX. INSTALLED. 6" NOMINAL
- ③ SHEET METAL AS SPECIFIED FOR DUCTWORK
- ④ DUCT
- ⑤ 1-1/2" POCKET SLIP
- ⑥ FLANGED CONNECTION ON FAN SIDE
- ⑦ WASHER
- ⑧ BOLT ON 4" CENTERS
- ⑨ ALTERNATE POSITION OF BOLT



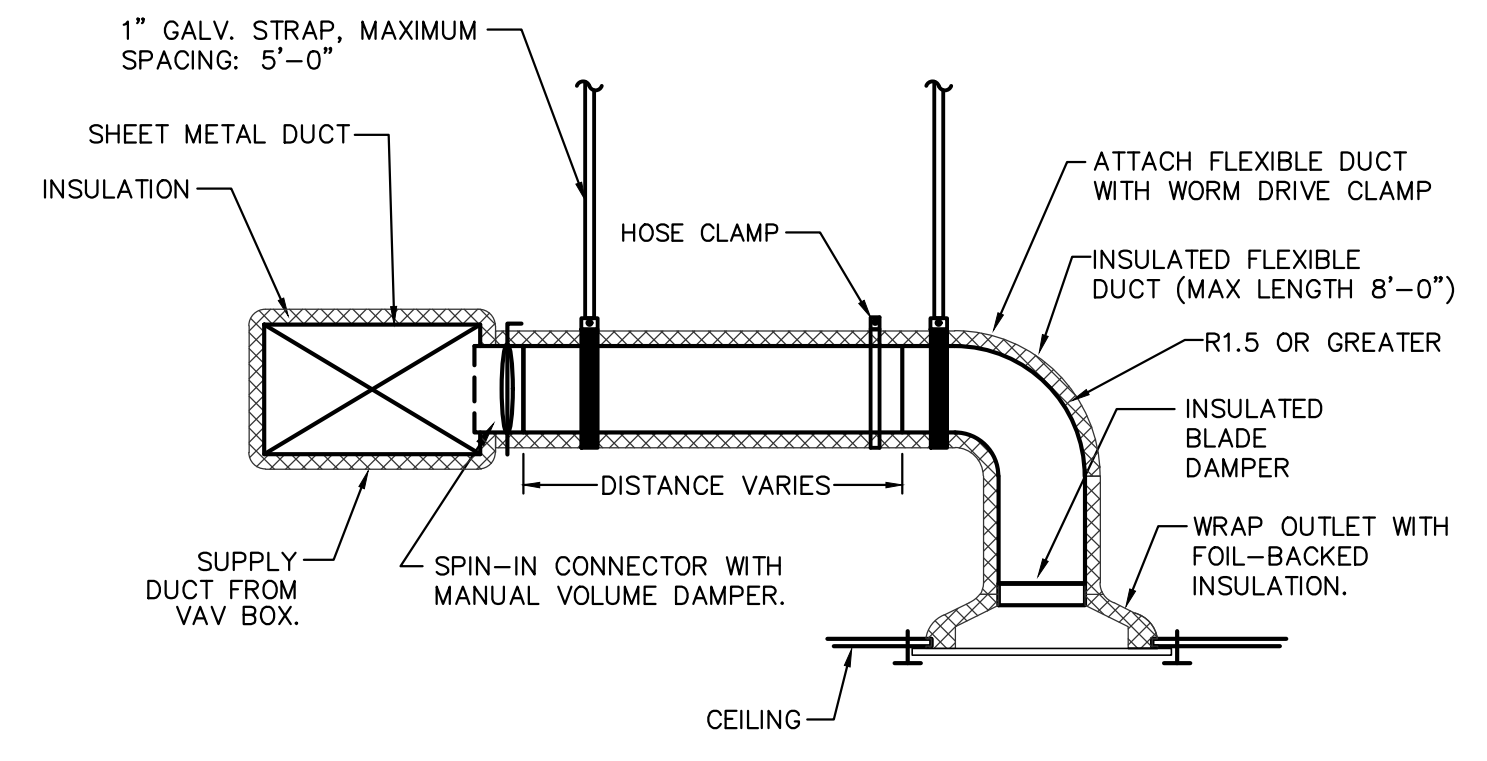
1 RECTANGULAR FLEX CONNECTION
SCALE: N.T.S.



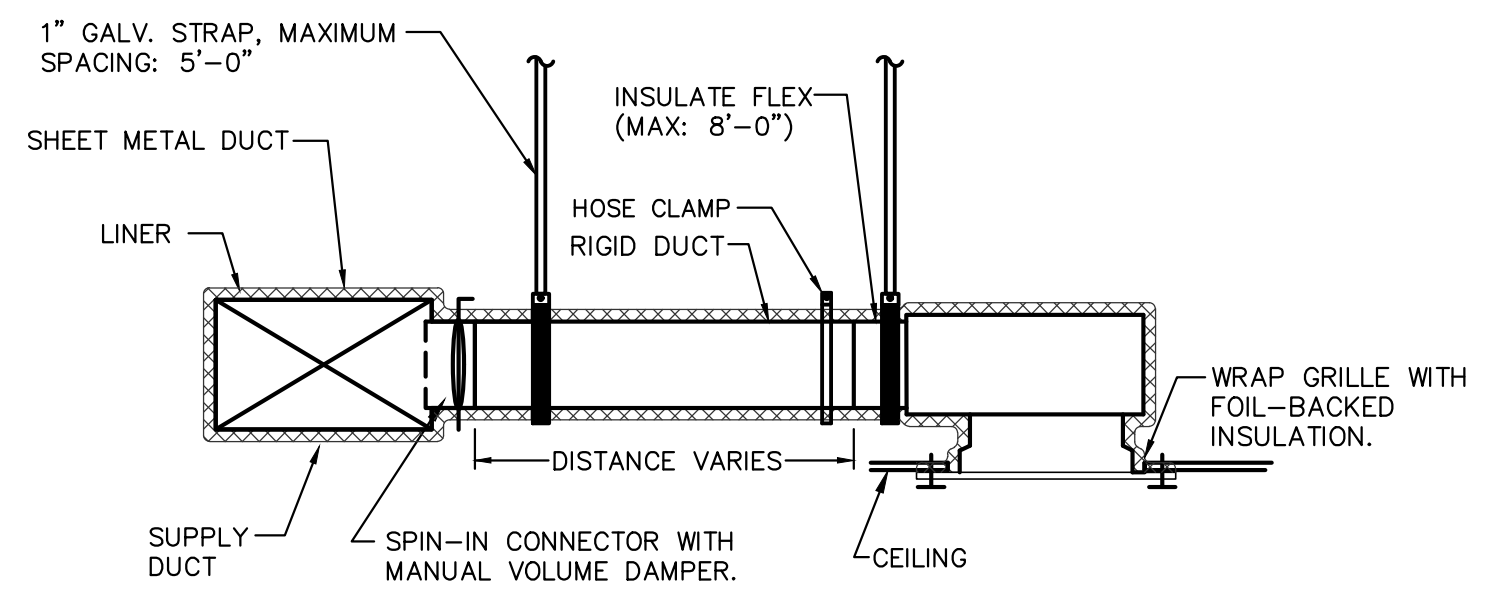
5 PIPE HANGER DETAIL
SCALE: N.T.S.



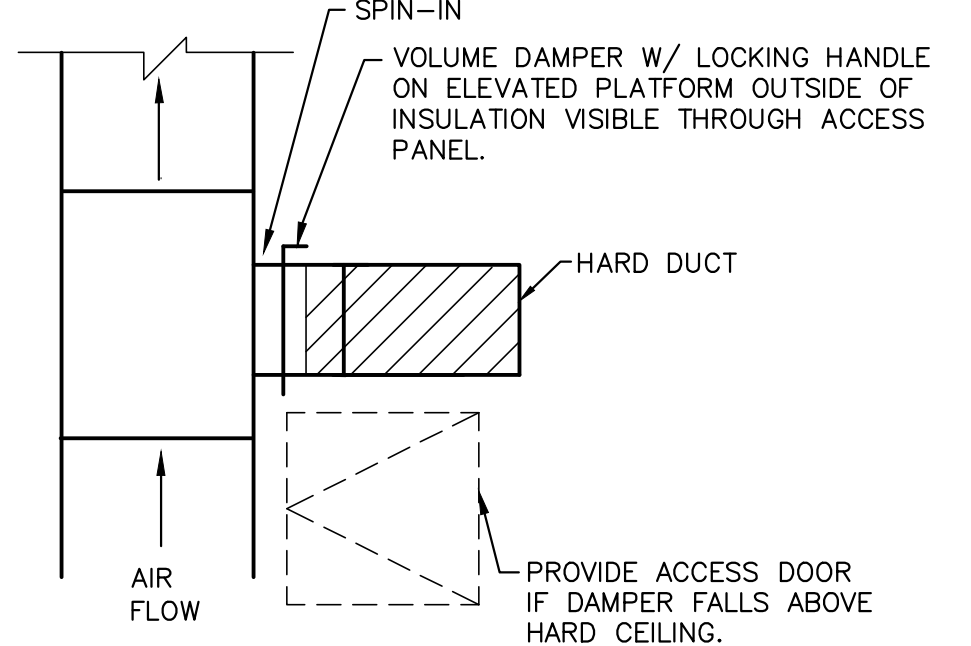
9 REFRIGERANT PIPING EXT. WALL PENETRATION DETAIL
SCALE: N.T.S.



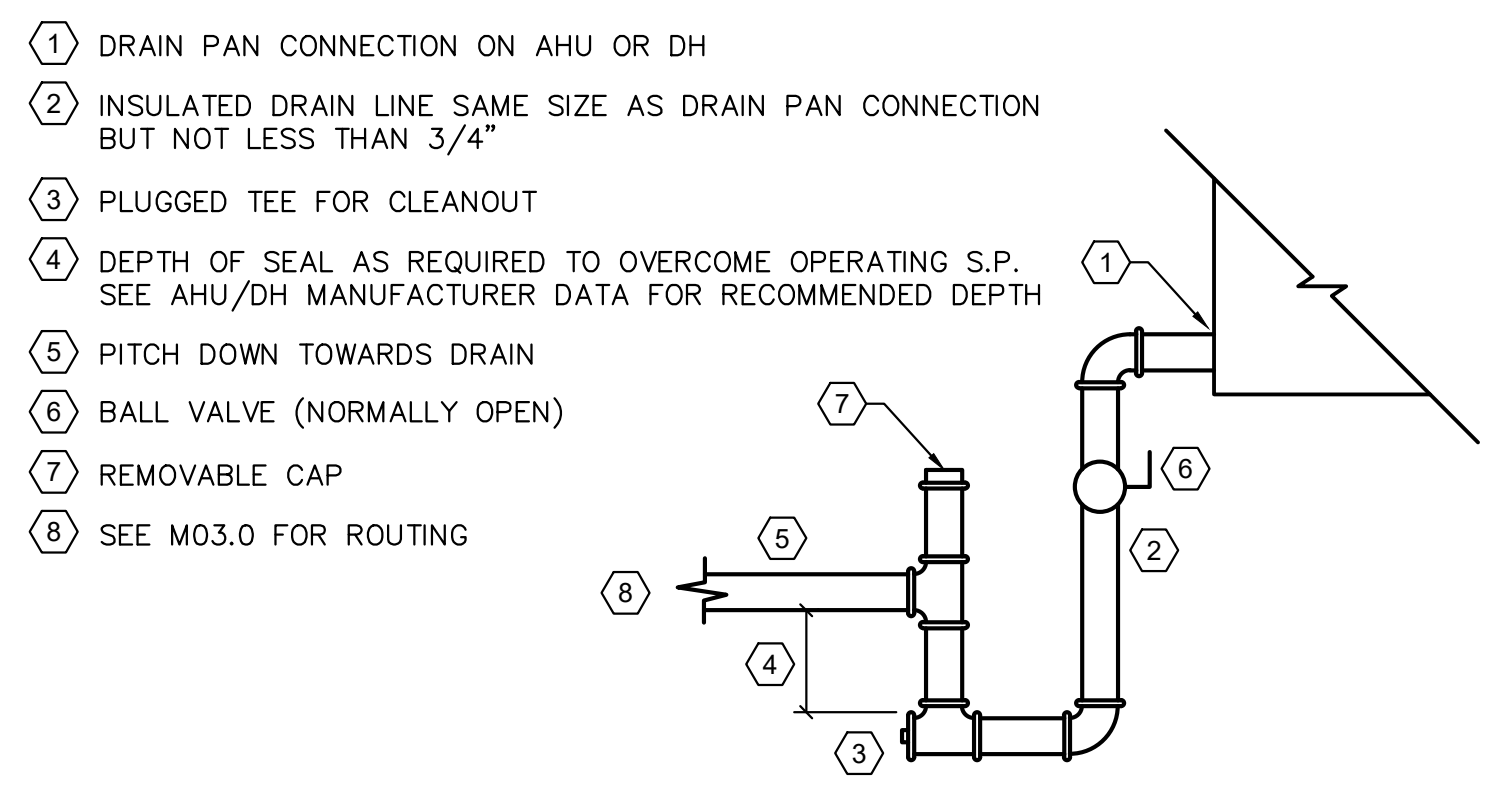
2 CEILING OUTLET DETAIL
SCALE: N.T.S.



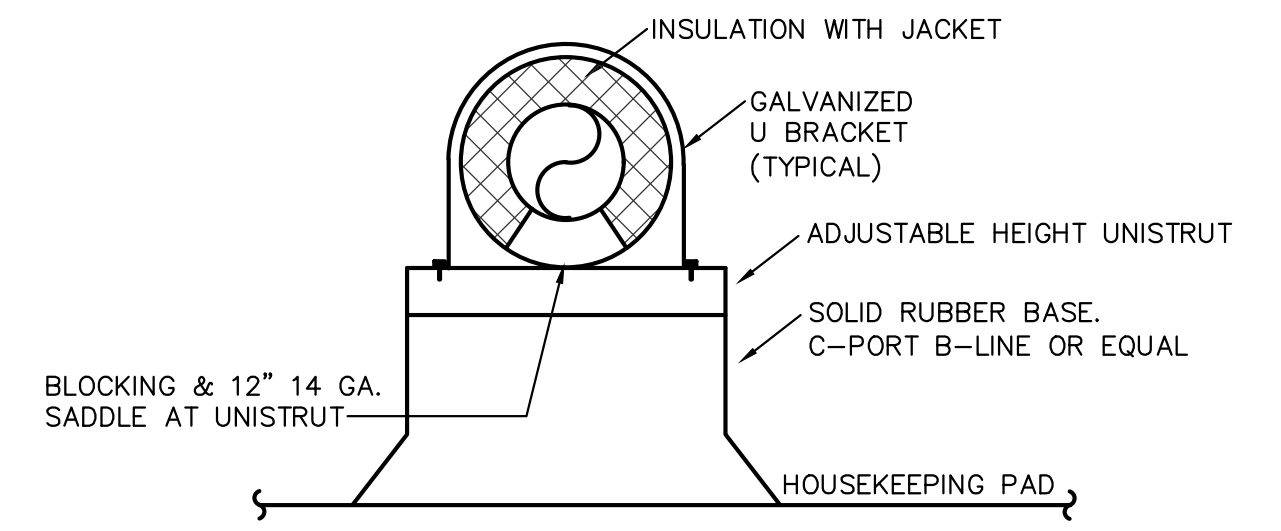
3 LOW PROFILE CEILING OUTLET DETAIL
SCALE: N.T.S.



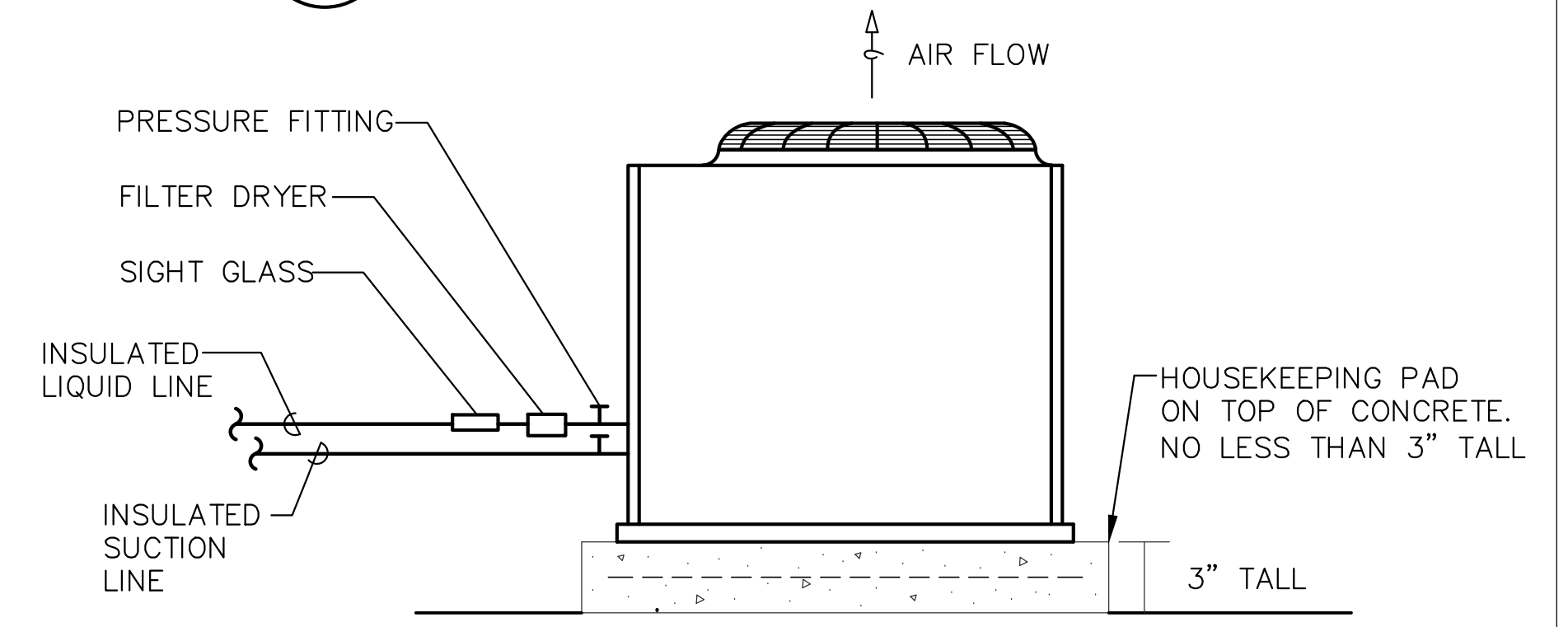
6 SPIN IN DETAIL
SCALE: N.T.S.



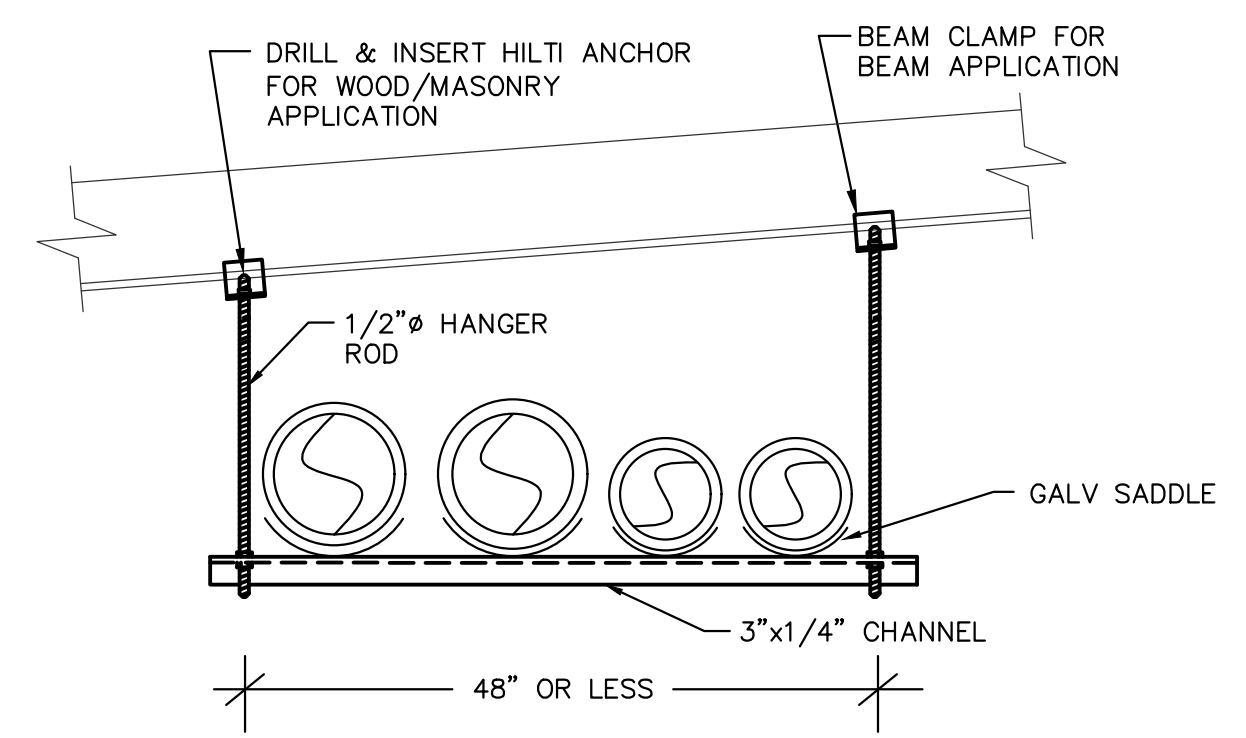
7 AHU & DH COOLING COIL CONDENSATE TRAP DETAIL
SCALE: N.T.S.



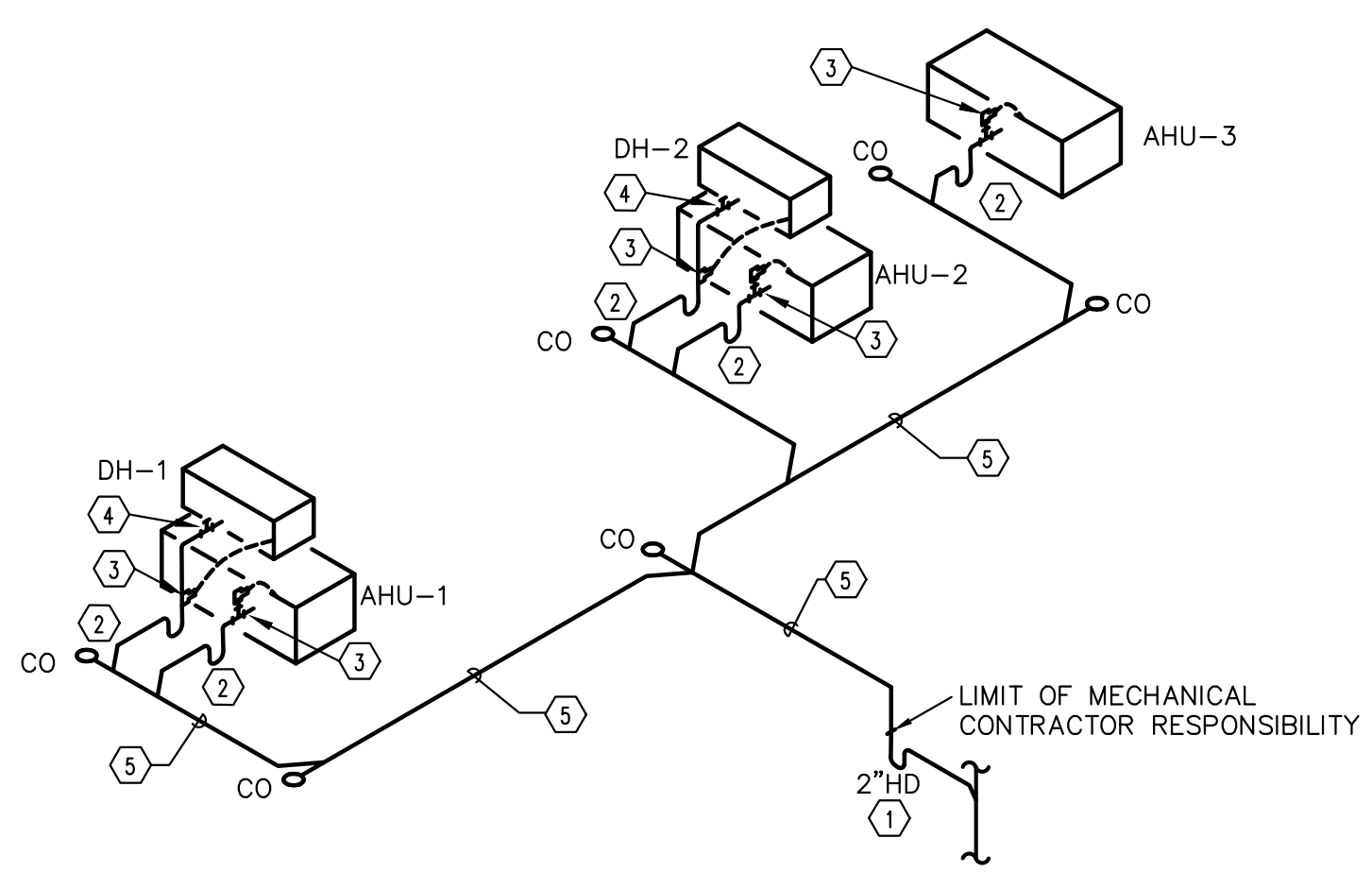
4 EXTERIOR PIPE SUPPORT DETAIL
SCALE: N.T.S.



8 HEAT PUMP DETAIL
SCALE: N.T.S.



10 TRAPEZE PIPE HANGER DETAIL
SCALE: N.T.S.



11 CONDENSATE PIPING DETAIL
SCALE: N.T.S.

- NOTES:
- SPACE UNITS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 - CONTRACTOR SHALL INSULATE BOTH LIQUID AND SUCTION LINES FOR THE ENTIRE RUN FROM OUTDOOR UNIT TO TERMINATING AT INDOOR UNIT.

- NOTES:
- HANG FROM TOP CHORD WHERE NECESSARY FOR CLEARANCE.
 - PROVIDE PIPING SUPPORTS AT MAXIMUM 12' INTERVALS IN ACCORDANCE WITH MSS SP-69.

- NOTES:
- 2" HUB DRAIN. HARD CONNECTION. INSULATE AS SPECIFIED TRAP AND HORIZONTAL CONDENSATE PIPING.
 - RUNNING TRAP. HARD CONNECTION WITH FULL SIZE RTU CONDENSATE DRAIN.
 - FLOW SWITCH SENSOR.
 - CLEAN OUT TEE.
 - 2"W. INSULATED
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING & ROUTING CONDENSATE PIPING TO HUB DRAINS.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL OTHER PIPING TO INCLUDE PROVIDING HUB DRAINS.
- COORDINATE MECHANICAL CONDENSATE PIPING WITH PLUMBING CONTRACTOR.
- ALL CONDENSATE PIPE INSULATION SHALL BE PLENUM RATED, ASTM E84 FIRE/SMOKE 25/50, SEE SPECIFICATIONS FOR THICKNESS AND TYPE.



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SYMBOL SCHEDULE – ELECTRICAL AND DIVISION 26 DOCUMENTS

SYMBOL		DESCRIPTION	SYMBOL		DESCRIPTION	
CEILING	WALL		CEILING	WALL		
		LIGHT FIXTURE (LETTER DENOTES FIXTURE). SEE FIXTURE SCHEDULE		CCTV MONITOR		WIRING (IN CONDUIT) RUN EXPOSED
		LIGHT FIXTURE WITH EMERGENCY BATTERY OR ON EMERGENCY CIRCUIT		CCTV CAMERA		EXISTING
		DOWNLIGHT AND WALL SCONCE LIGHT FIXTURE. SEE FIXTURE SCHEDULE		TELEVISION ANTENNA OUTLET		EXISTING TO BE REMOVED
		"EXIT" LIGHT FIXTURE (WITH OR WITHOUT DIRECTIONAL ARROWS)		SPEAKER (SUBSCRIPT INDICATES TYPE) P = PAGING FA = FIRE ALARM AV = AUDIO VISUAL SYSTEM		WIRING (IN CONDUIT) RUN UNDER GROUND
		CEILING FAN		SMOKE DETECTOR (SUBSCRIPT INDICATES TYPE) SS = SINGLE STATION, 120-VOLT RB = WITH RELAY BASE SB = WITH SOUNDER BASE		EXTEND EXISTING CONDUIT WITH NEW CONDUIT
		NIGHT LIGHT		COMBINATION SMOKE/HEAT DETECTOR		CIRCUIT TURNED UP
		SINGLE-POLE TOGGLE SWITCH		SMOKE DETECTOR WITH SAMPLING TUBE (A/H UNITS)		CIRCUIT TURNED DOWN
		SINGLE POLE TOGGLE SWITCH (LETTER DENOTES FIXTURE CONTROLLED)		GAS DETECTOR		OUTDOOR AERIAL CONDUCTORS
		TWO-POLE TOGGLE SWITCH		CARBON MONOXIDE DETECTOR		AMP
		LOW VOLTAGE SWITCH		FIRE ALARM FLOW SWITCH		AIR CONDITION
		LOW VOLTAGE SWITCH WITH DIMMING		FIRE ALARM TAMPER SWITCH		ABOVE FINISHED FLOOR
		COMBINATION OCCUPANCY SENSOR / SWITCH		FIRE ALARM PULL STATION		ANNUNCIATOR PANEL
		COMBINATION OCCUPANCY SENSOR / SWITCH WITH DIMMING		FIRE ALARM COMBINATION AUDIO/VISUAL NOTIFICATION DEVICE		CONDUIT
		OCCUPANCY SENSOR (SUBSCRIPT INDICATES TYPE) P = PASSIVE INFRARED U = ULTRASONIC M = MICROPHONIC DT = DUAL TECHNOLOGY		FIRE ALARM STROBE		CIRCUIT BREAKER
		LINE VOLTAGE DIMMER SWITCH		FIRE ALARM MONITOR MODULE		GROUND FAULT INTERRUPTER
		THREE-WAY DIMMER SWITCH		FIRE ALARM CONTROL MODULE		GROUND
		ROOM CONTROLLER		HEAT DETECTOR		POLE
		SPECIAL OUTLET – SEE PLAN FOR TYPE		FIRE ALARM RELAY (SUBSCRIPT INDICATES TYPE) EPC = EMERGENCY POWER CONTROL FA = FIRE ALARM		UNLESS OTHERWISE NOTED
		SIMPLEX CONVENIENCE OUTLET (20 AMP, 125 VOLT, NEMA 5–20R)		JUNCTION BOX WITH FIXTURE WHIP		VOLT
		DUPLEX RECEPTACLE (SUBSCRIPTS AND SUPERSSCRIPTS AS REQUIRED) WP = WEATHER-RESISTANT AND WITH WEATHERPROOF COVER GF = GROUND FAULT INTERRUPTER TR = TAMPER-RESISTANT USB = RECEPTACLE WITH DUAL USB CHARGING PORTS		JUNCTION BOX		WATER HEATER
		DUPLEX RECEPTACLE ON A DEDICATED CIRCUIT		PULLBOX OR TROUGH		WIRE
		DUPLEX OUTLET – SPLIT WIRED FOR DUAL CIRCUITS		MOTOR – SINGLE-PHASE (NUMERAL DENOTES HORSEPOWER)		TELEPHONE BACKBOARD
		QUADRUPLEX RECEPTACLE		MOTOR – THREE PHASE (NUMERAL DENOTES HORSEPOWER)		CONDUIT SCHEDULE REFERENCE
		TELEPHONE OUTLET – FLUSH WALL MOUNTED		AUTOMATIC TRANSFER SWITCH		NOTE REFERENCE
		DATA OUTLET – FLUSH WALL MOUNTED		HANDHOLE		HOMERUN TO PANELBOARD WITH NOMENCLATURE (LETTERS), CIRCUIT NUMBERS (NUMBERS), NUMBER OF PHASE AND NEUTRAL CONDUCTORS WHEN MORE THAN TWO (HASH MARKS), OPPOSITE SLANT DENOTES GROUND, NUMBER OF CIRCUITS (NUMBER OF ARROWS)
		WI-FI ACCESS POINT (ANTENNA BY OTHERS)		CIRCUIT BREAKER DEVICE		FLOOR PLAN AND DETAIL: "X" DENOTES PLAN AND DETAIL NUMBER
		BRANCH CIRCUIT PANELBOARD		SWITCH DEVICE		SECTION: "X" DENOTES SECTION ALPHA "Y" DENOTES SHEET SECTION IS DRAWN ON
		DISTRIBUTION PANELBOARD		FUSE		DETAIL: "X" DENOTES DETAIL NUMBER "Y" DENOTES SHEET DETAIL IS DRAWN ON
		MANUAL MOTOR STARTING SWITCH		NORMALLY OPEN CONTACT		DETAIL/SECTION REFERENCE: "X" DENOTES DETAIL/SECTION NUMBER OR ALPHA "Y" DENOTES SHEET DETAIL/SECTION IS REFERENCED FROM "Z" DENOTES SHEET DETAIL/SECTION IS DRAWN ON
		FUSED DISCONNECT SWITCH		NORMALLY CLOSED CONTACT		ENLARGED REFERENCE: "X" DENOTES DETAIL NUMBER "Y" DENOTES SHEET DETAIL IS DRAWN ON
		NONFUSED DISCONNECT SWITCH		MANHOLE		
		MAGNETIC MOTOR STARTER		GROUND CONNECTION		
		COMBINATION STARTER/DISCONNECT SWITCH – FUSED UNLESS OTHERWISE NOTED		WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL		
				WIRING (IN CONDUIT) CONCEALED IN OR UNDER SLAB		
				EMERGENCY WIRING (IN CONDUIT) CONCEALED IN CEILING OR WALL		

GENERAL NOTES:

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE – NFPA 70-2020.
- ALL EQUIPMENT INDICATED SHALL BE FOR USE INDOORS (NEMA 1); UNLESS NOTED OTHERWISE.
- ALL FUSED DISCONNECT SWITCHES SERVING EQUIPMENT SUPPLIED UNDER OTHER DIVISIONS OF THE WORK SHALL BE PROVIDED WITH FUSES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER; UNLESS NOTED OTHERWISE.
- SEPARATE GREEN GROUND CONDUCTORS ARE REQUIRED FOR ALL RECEPTACLE AND FEEDER CIRCUITS; SEE SPECIFICATIONS.
- CONTRACTOR SHALL UTILIZE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF LIGHTING FIXTURES AND MECHANICAL EQUIPMENT.
- SEE ARCHITECTURAL DRAWINGS FOR AREAS BEING DEMOLISHED AND SPECIFICATIONS FOR REQUIREMENTS OF DIVISION 26000.
- FIRESTOP MATERIALS (U.L.LISTED) AND ARE REQUIRED AT ALL PENETRATIONS THROUGH RATED FLOORS, WALLS, CEILING AND PARTITIONS.
- CONDUCTORS SHALL BE COLOR CODED PER N.E.C. AS DESCRIBED IN SECTION 260553. UTILIZE ONLY THE COLORS SPECIFIED AND IDENTIFY ALL CONDUCTORS AND BOXES AS NOTED IN SECTION 260533.
- WRITTEN SPECIFICATIONS DESCRIBING MATERIALS AND METHODS ARE PART OF DIVISION 26000 AND SHALL BE UTILIZED THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
- LIGHTING AND LIGHTING CONTROLS PROVIDED WITH THIS PROJECT SHALL COMPLY WITH IECC 2021. ANY QUESTIONS REGARDING THIS REQUIREMENT SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO BID. SUBMITTALS FOR LIGHTING CONTROLS SHALL INCLUDE A DETAILED SEQUENCE OF OPERATION FOR EACH AREA TO BE CONTROLLED.

FIXTURE SCHEDULE

- GENERAL: ALL FIXTURES SHALL HAVE LED LIGHT SOURCE, BE UL LISTED AND LM-79 LM-80 COMPLIANT.
- F1A EXTERIOR WALL PACK: 5.9'H x 10.4'W x 11"D. DIE-CAST ALUMINUM HOUSING WITH BRONZE POWDER COAT FINISH. INTERNAL DUAL VOLT LED DRIVER. TYPE 2 LIGHT DISTRIBUTION. 3000-LUMENS 21-WATT 4000-K 70-CRI LED LIGHT SOURCE.
 - NLS LIGHTING, SERIES: NV-W.
 - F1B SAME AS TYPE F1A BUT WITH TYPE 4 DISTRIBUTION, 3600-LUMENS, AND 56-WATTS.
 - F2 KITCHEN PIN LIGHT: 1" APERTURE TRIMLESS DOWNLIGHT. 30 DEGREE BEAM SPREAD. ONE REMOTE DRIVER FOR THREE FIXTURES, 0-10 VOLT DIMMING, MOUNTED IN UPPER KITCHEN CABINETS.
 - 657-LUMENS 8-WATT 3000-K 90-CRI LED LIGHT SOURCE.
 - AMERLUX LIGHTING, SERIES: FINCH FIN-RD.TL / FIN-RD.TL.FINISH.FL.3093.SOL / FINPW.8.0-10V.BOX
 - F3 GYM FLAT PANEL: 2'x2'x1.7'H, BACK-LIT RECESS MOUNTED, EXTRUDED ALUMINUM FRAME WITH MATTE WHITE FINISH, FROSTED ACRYLIC LENS, 3125-LUMENS 25-WATT 3500-K 80-CRI LED LIGHT SOURCE.
 - ERALUX, SERIES: AE-RC-APB-25W-22-28CDM-H-03-35
 - F3E SAME AS TYPE F3 BUT WITH 8-WATT EMERGENCY BATTERY PACK.
 - F4 LAUNDRY FLAT PANEL: 2' x 4' x 1.7'H, EDGE-LIT RECESS MOUNTED, EXTRUDED ALUMINUM FRAME WITH MATTE WHITE FINISH, FROSTED ACRYLIC LENS, 5000-LUMENS AND 40-WATTS 3500-K 80-CRI LED LIGHT SOURCE.
 - ERALUX, SERIES: AE-RC-APB-40W-24-28CDM-H-03-35
 - F5 SHOWER DOWN LIGHT: 4.375" APERTURE x 3.25"H, WHITE SHOWER TRIM, INTERNAL UNIVERSAL VOLTAGE LED DRIVER, 850-LUMENS 13-WATT 3000-K 80-CRI LED LIGHT SOURCE. WET LOCATION LISTED
 - AMERLUX, SERIES: HDL-HP-R-NC-A17.T.13.120/277.LE/TE / HDL-HP-RPASHW-A17.T.WH.FL.30
 - F6A DOWN LIGHT: 3.5" APERTURE x 3.875"H. SEMI-SPECULAR DIE-CAST ALUMINUM REFLECTOR WITH MEDIUM FLOOD (30 DEGREE) LIGHT DISTRIBUTION, SOLITE LENS, INTERNAL 1/2 0-10-VOLT DIMMABLE LED DRIVER. 850-LUMENS 13-WATT 3000-K 80-CRI LED LIGHT SOURCE.
 - AMERLUX, SERIES: E4.75RD-NC-A17.T.13.120/277.0-10V / E4.75RD-A17.T.SDC.FL.30.SOL
 - F6AE SAME AS TYPE F6A BUT WITH 8-WATT EMERGENCY BATTERY PACK.
 - F6B SAME AS TYPE F6A BUT WITH WIDE FLOOD (40 DEGREE) LIGHT DISTRIBUTION.
 - F6C SAME AS TYPE F6A BUT WITH EXTRA WIDE (70 DEGREE) LIGHT DISTRIBUTION.
 - F6D SAME AS TYPE F6A BUT WITH 1000-LUMENS, 16-WATTS AND WIDE FLOOD (40 DEGREE) LIGHT DISTRIBUTION.
 - F6DE SAME AS TYPE F6D BUT WITH 8-WATT EMERGENCY BATTERY PACK.
 - F6F SAME AS TYPE F6A BUT WITH 1000-LUMENS, 16-WATTS AND EXTRA WIDE (70 DEGREE) LIGHT DISTRIBUTION.
 - F6FE SAME AS TYPE F6F BUT WITH 8-WATT EMERGENCY BATTERY PACK
 - F6G SAME AS TYPE F6A BUT WITH 1500-LUMENS, 21-WATTS AND EXTRA WIDE (70 DEGREE) LIGHT DISTRIBUTION.
 - F7 KITCHEN/DINNING PENDANT: 16"DIA. x 6"H ALUMINUM SHADE, PENDANT SUPPORT, INTERNAL DIMMABLE LED DRIVER, COORDINATE DIMMER TYPE WITH APPROVED FIXTURE MANUFACTURER. SATIN SILVER EXTERIOR AND GLOSS WHITE INTERIOR FINISHES. BLACK CORD SUSPENSION. 792-LUMENS 8-WATT 3000-K 90-CRI LED LIGHT SOURCE.
 - ATLANTIC, SERIES: CRLM318EMS-WH-08930-CXX
 - F8 KITCHEN ISLAND COUNTER: SAME AS TYPE F7 BUT WITH 1376-LUMENS AND 15-WATTS.
 - F9 EXTERIOR FAN – LUMENS: THREE BLADE 52" CEILING FAN, STEEL CONSTRUCTION WITH BLACK FINISH. LIGHT KIT WITH FROSTED ACRYLIC BOWL. 1400-LUMENS 18-WATT 3000-K 90-CRI LED LIGHT SOURCE.
 - KICHLER LIGHTING, SERIES: 300300SBK
 - F10 NIGHT LIGHT: WALL RECESS MOUNTED 4.24"H x 7.75"W x .45"D FACE PLATE. STEEL FACEPLATE WITH WHITE POLYESTER POWDER COAT FINISH, INTEGRAL PHOTOCELL CONTROL, LOUVERS, 34-LUMENS 1.3-WATT 3000-K 80-CRI LED LIGHT SOURCE.
 - PROLUME, SERIES: 525-F-S-8-30-?PLATE-M-W-PC
 - F11 4' LED STRIP LIGHT. COLD-ROLLED STEEL HOUSING, FROSTED ACRYLIC LENS, 4200-LUMENS 40-WATT 3500-K 80-CRI LED LIGHT SOURCE.
 - COLUMBIA LIGHTING, SERIES: CSL4-4035
 - F12A VANITY: 3" CYLINDER ATTACHED TO 1" THICK BACK PLATE, 24" LENGTH. STEEL HOUSING, TRANSLUCENT WHITE ACRYLIC DIFFUSER. INTERNAL UNIVERSAL VOLTAGE LED DRIVER. 1500-LUMENS 16-WATT 3000-K 80-CRI LED LIGHT SOURCE.
 - BROWNLEE, SERIES: ZOOM-RD 5176-24-BN-H21-35K-
 - F12B SAME AS TYPE F12A BUT WITH 48" LENGTH, 2666-LUMENS, AND 23.8-WATTS.
 - F13 COMMON ROOM CEILING FAN: EIGHT BLADE 72" CEILING FAN. STEEL CONSTRUCTION WITH BRUSHED NICKEL FINISH, LIGHT KIT WITH FROSTED GLASS BOWL WITH 1400-LUMENS 18-WATT 3000-K 80-CRI LED LIGHT SOURCE.
 - KICHLER LIGHTING, SERIES: 310115ANS
 - F14 BUNK ROOM CEILING FAN: FOUR BLADE 32" CEILING FAN, STEEL CONSTRUCTION WITH WHITE FINISH, LIGHT KIT WITH TWO 3000-K LED BULBS AND ETCHED GLASS BOWL.
 - KICHLER LIGHTING, SERIES: 330150NI
 - F15 BUNK ROOM READING LIGHT: 1"DIA x 17H CYLINDER ATTACHED TO 4" SQUARE BACK PLATE, NICKEL FINISH, BACK LIT AREA LIGHT AND ADJUSTABLE READING LIGHT. BACK PLATE MOUNTED ON/OFF SWITCH. 381-LUMENS 3-WATT 3000-K 80-CRI LED LIGHT SOURCE.
 - ESTILUZ XIMO ROCA DISENO, SERIES: CANUT A-3571-LED3W-47NM
 - F20 EXTERIOR FAN – LUMENS: THREE BLADE 52" CEILING FAN, STEEL CONSTRUCTION WITH BLACK FINISH, LIGHT KIT WITH FROSTED ACRYLIC BOWL. 1400-LUMENS 18-WATT 3000-K 90-CRI LED LIGHT SOURCE.
 - KICHLER LIGHTING, SERIES: 300300SBK
 - EX EMERGENCY EXIT SIGN, RED LED LIGHT SOURCE, POLYCARBONATE FACE PLATE AND HOUSING, BATTERY BACKUP AND DUAL VOLTAGE INTEGRAL SOLID-STATE VOLTAGE LIMITED CHARGER, MOUNTING TO MATCH APPLICATION. U.L. LISTED.
 - LIGHTALARMS CAT# QLXN500-RN
 - EX1 EDGE LIT EMERGENCY EXIT SIGN, RED LED LIGHT SOURCE, CEILING MOUNT, SINGLE FACE, NO ARROWS, SATIN ALUMINUM FINISH, EMERGENCY.
 - LIGHTALARMS CAT# 6UENRM

ELECTRICAL DEMOLITION NOTES

GENERAL

- REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS TO DETERMINE THE AREAS TO BE DEMOLISHED AND THE EXTENT OF THIS DEMOLITION. COOPERATE FULLY WITH THE ARCHITECT.
- REMOVE ALL BRANCH CIRCUIT CONDUCTORS AND CONDUIT, WHICH SERVE AREAS TO BE DEMOLISHED, BACK TO THE ELECTRICAL PANELBOARDS.
- REMOVE BOXES, LIGHT FIXTURES, AND WIRING DEVICES IN AREAS TO BE DEMOLISHED.
- REMOVE COMMUNICATION EQUIPMENT AND CABLE.
- COOPERATE FULLY WITH COMMUNICATIONS EQUIPMENT INSTALLER WHEN REMOVING COMMUNICATIONS EQUIPMENT AND CABLE.
- SPECIAL CARE SHALL BE EXERCISED WHEN REMOVING COMMUNICATIONS EQUIPMENT AND CABLE. CERTAIN CABLES MUST NOT BE DISCONNECTED. CONSULT OWNER WHEN IN DOUBT.
- EXTEND CONDUITS AND CONDUCTORS TO MAINTAIN ELECTRICAL CONTINUITY OF ELECTRICAL EQUIPMENT SERVING AREAS NOT DEMOLISHED AS REQUIRED. THIS APPLIES TO BOTH POWER AND COMMUNICATIONS CIRCUITS.
- PANELBOARDS, POWER DISTRIBUTION FEEDERS AND COMMUNICATIONS EQUIPMENT SHALL REMAIN IN GOOD WORKING ORDER UNLESS OTHERWISE NOTED, SPECIFIED OR DIRECTED BY OWNER'S REPRESENTATIVES.
- BRANCH CIRCUITRY SERVING COMMUNICATIONS EQUIPMENT SHALL REMAIN IN GOOD WORKING ORDER UNLESS OTHERWISE INDICATED.

INTERFERENCES:

INTERFERENCE IS DEFINED AS:

- THE INTERRUPTION OF NORMAL HEATING, VENTILATING AND AIR CONDITIONING OPERATIONS.
- THE INTERRUPTION OF NORMAL TELEPHONE OR SECURITY SERVICES.
- THE INTERRUPTION OF NORMAL ELECTRICAL SERVICES.
- EXCESSIVE NOISE.
- EXCESSIVE DUST, DIRT OR DEBRIS.
- THE INTERRUPTION OF NORMAL ELECTRICAL POWER DISTRIBUTION TO CONVENIENCE OUTLETS AND OTHER ELECTRICAL EQUIPMENT. THIS IS A WORKING INSTITUTION AND CARE SHALL BE TAKEN NOT TO INTERFERE WITH NORMAL BUILDING OPERATIONS BEFORE AUTHORIZATION IS GIVEN TO DO SO. IF INTERFERENCE IS UNAVOIDABLE, NOTIFY THE OWNERS, IN WRITING, OF THE NATURE AND DURATION OF THE INTERFERENCE. THIS NOTIFICATION SHALL BE DELIVERED TO THE OWNER'S REPRESENTATIVE AT LEAST ONE WEEK PRIOR TO THE INTERFERENCE. OBTAIN WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH THE INTERFERENCE. THE OWNER RESERVES THE RIGHT TO REQUEST ACCOMMODATIONS BE PROVIDED TO MINIMIZE DISRUPTION OF BUILDING OPERATIONS AT NO ADDITIONAL CHARGE. ALL SUCH INTERFERENCES SHALL BE AMENDED AS RAPIDLY AS POSSIBLE, I.E., QUICKLY RESTORE THE BUILDING TO NORMAL OPERATING CONDITIONS.

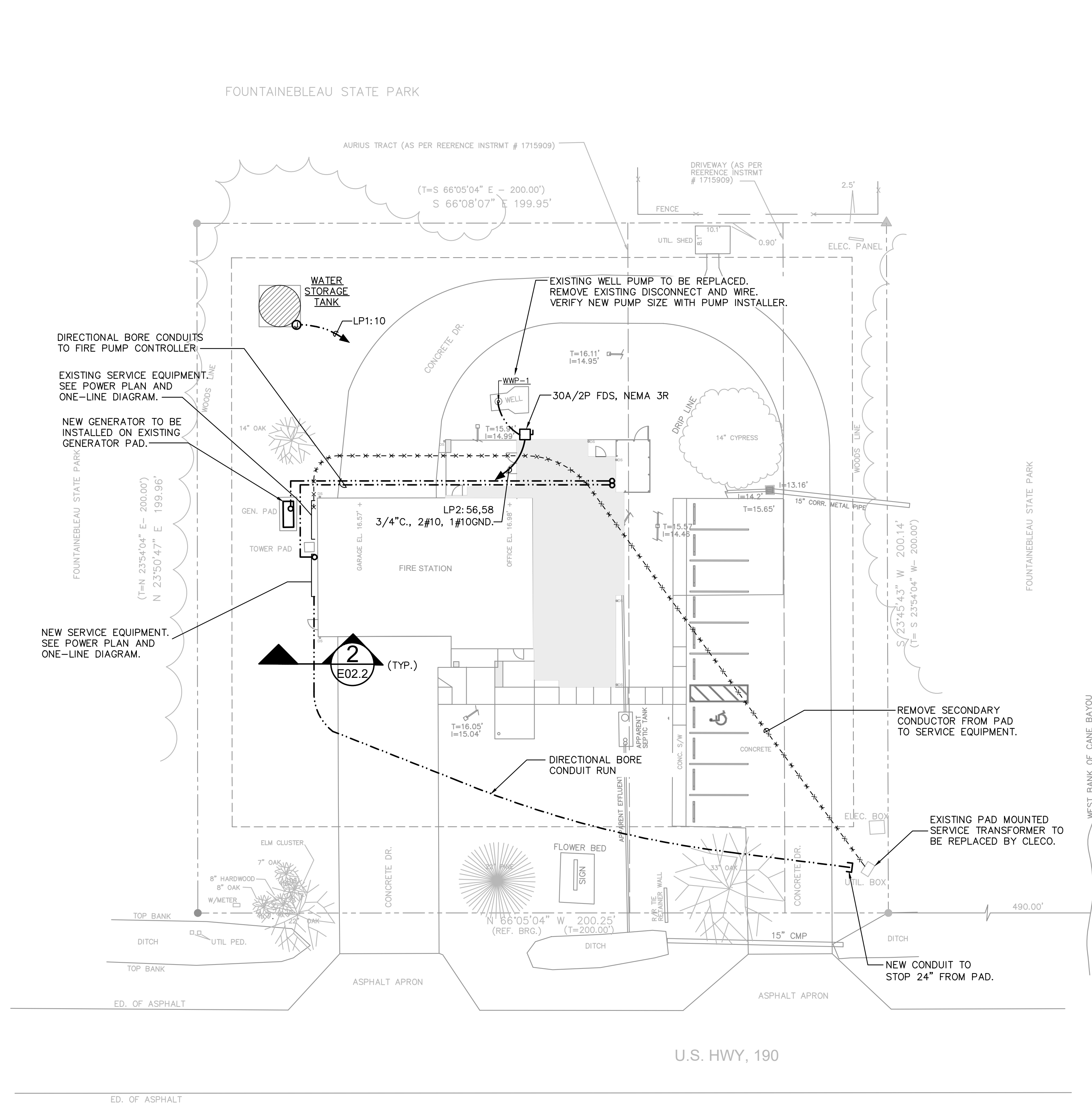


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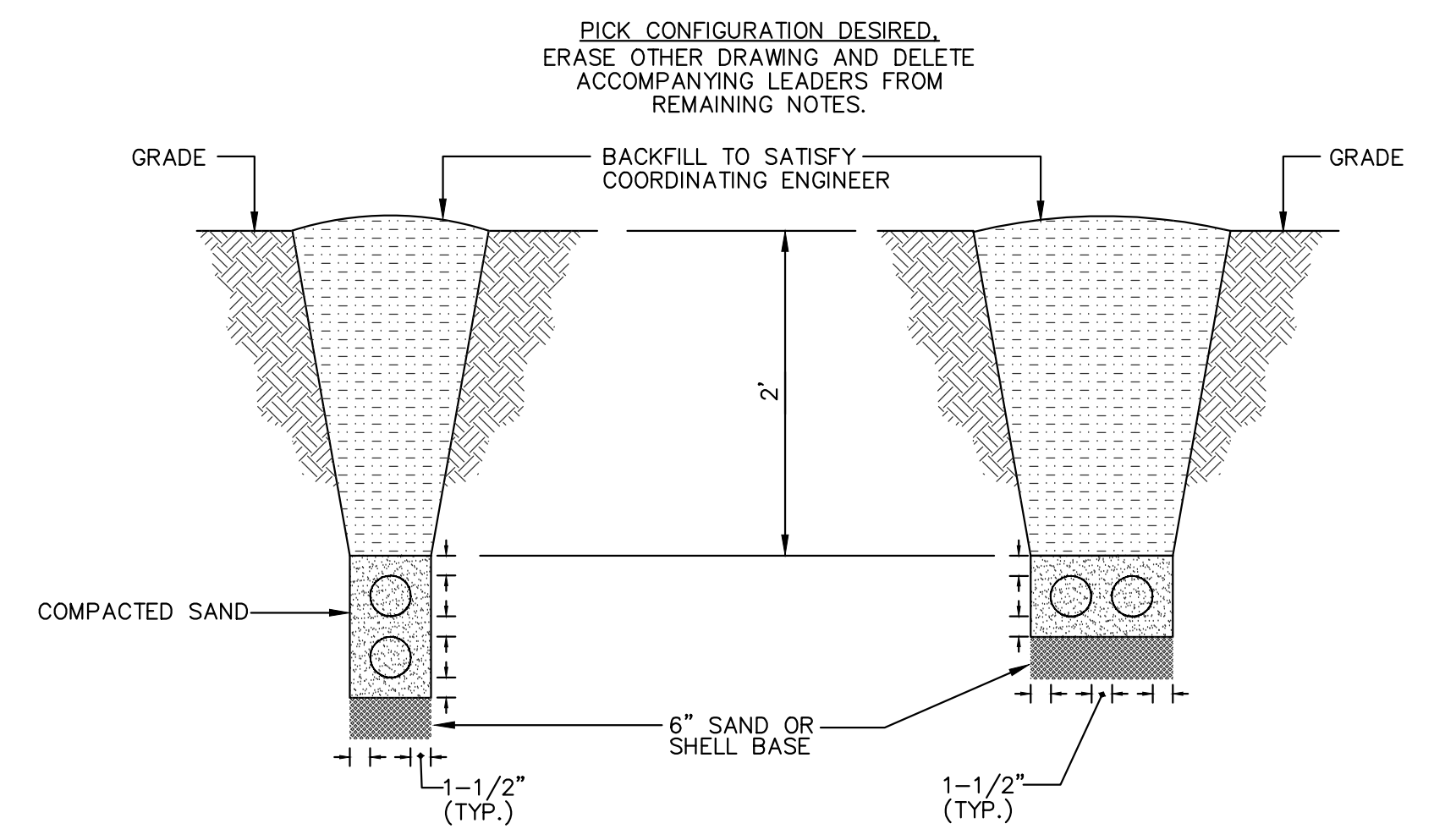


**FIRE STATION 44
RENOVATIONS AND ADDITIONS**
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sheet
E01.0



1 ELECTRICAL PLAN - SITE
SCALE: 1" = 20'-0"



2 SECTION THROUGH DUCT BANK
SCALE: NONE



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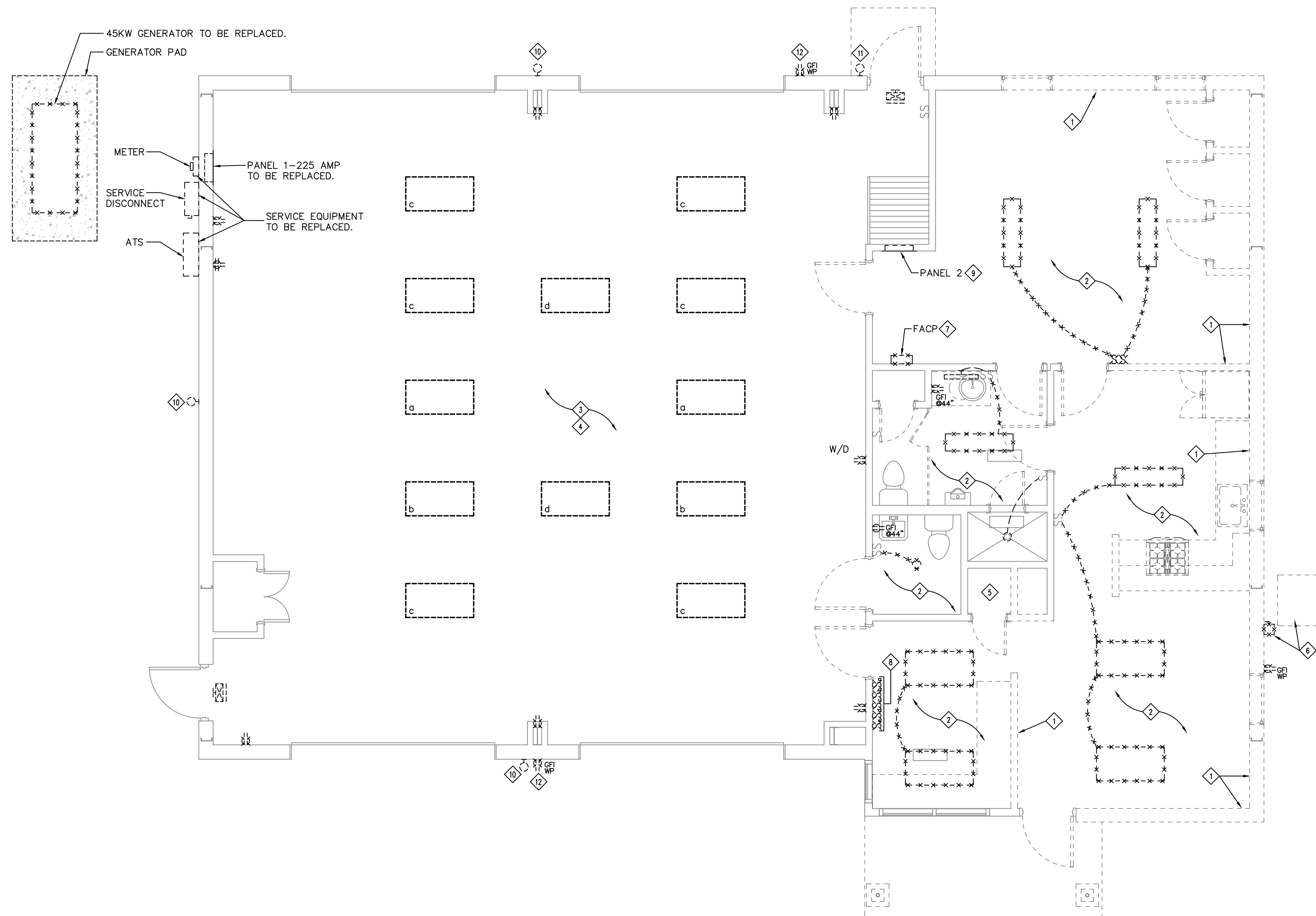


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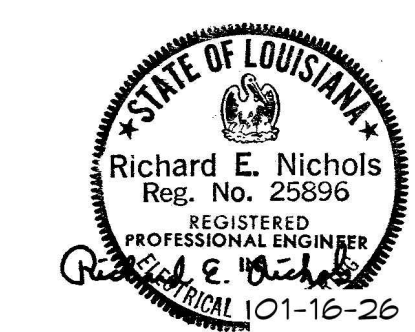
GENERAL NOTES:

1. SEE ADDITIONAL GENERAL DEMOLITION NOTES ON SHEET E01.0.
2. THIS DRAWING IS BEING PROVIDED AS A REFERENCE ONLY. IT WAS CREATED USING NONINVASIVE SITE OBSERVATIONS. THE ACTUAL DEVICE COUNTS AND LOCATIONS MAY VARY FROM THAT SHOWN HERE. THE CONTRACTOR SHALL VERIFY ALL EXISTING INFORMATION AND MAKE NOTE OF DIFFERENCES ON THE RECORD DRAWINGS.
3. UNLESS NOTED OTHERWISE THE CONTRACTOR SHALL REMOVE ALL LIGHTING, SWITCHES, RECEPTACLES, DATA DEVICES, TELEPHONE DEVICES, CONDUIT AND WIRE SERVING THE DEMOLITION AREA. THIS PLAN IDENTIFIES CIRCUIT TO BE REUSED IN NEW PLAN THESE CIRCUITS SHALL BE IDENTIFIED AND PRESERVED.
4. REMOVE ALL CONDUIT AND WIRE ASSOCIATED WITH CIRCUITS NOT IDENTIFIED TO BE REUSED.
5. THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE FULL EXTENT OF THE DEMOLITION REQUIRED.

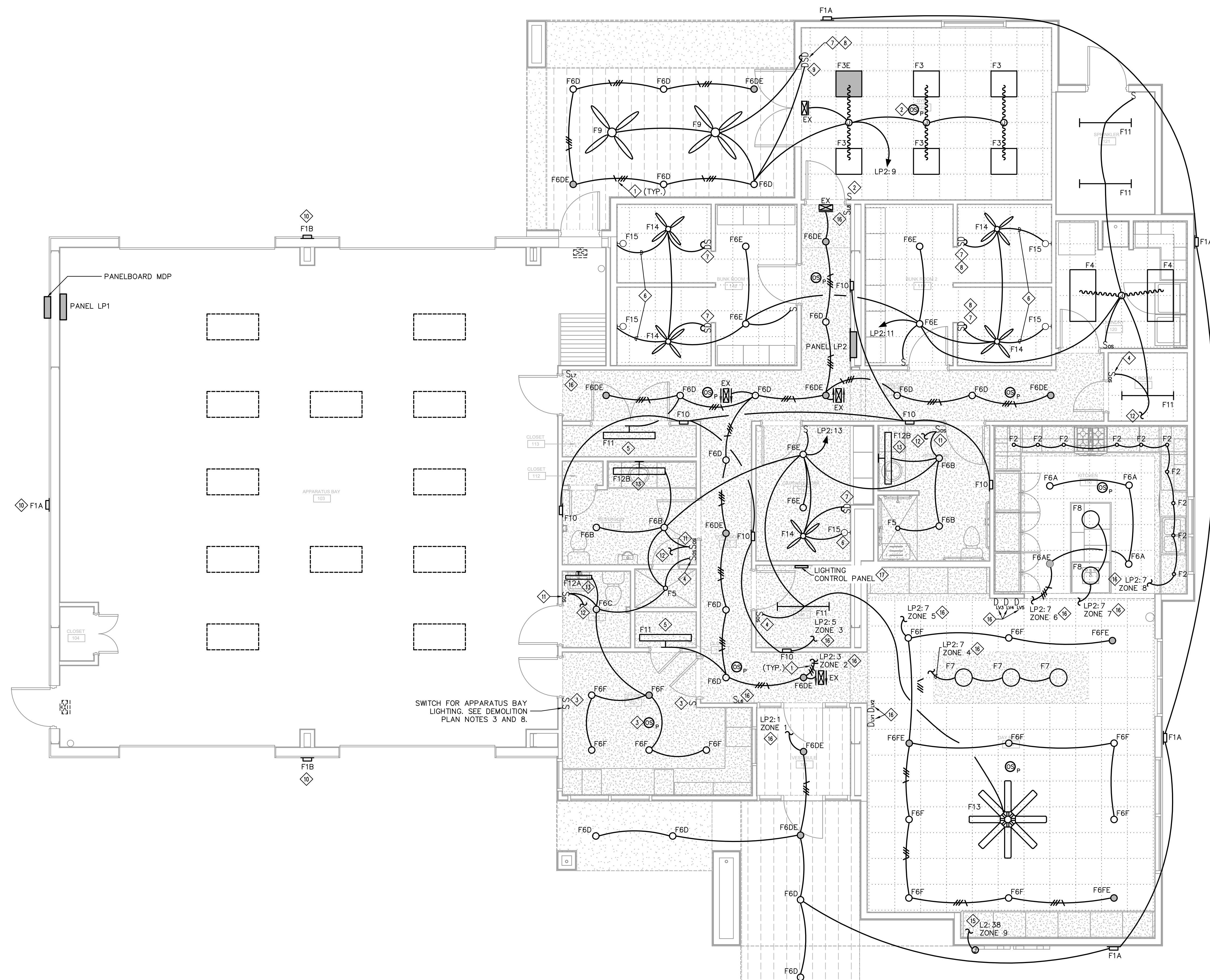
SPECIFIC NOTES

- 1 EXISTING WALL TO BE REMOVED. REMOVE ALL WIRING DEVICES AND BOXES WITHIN WALL. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO SOURCE. UNLESS NOTED OTHERWISE.
- 2 REMOVE ALL LIGHTING AND ASSOCIATED SWITCHES AND BOXES IN THIS ROOM. REMOVE ALL CONDUIT AND WIRE BACK TO SOURCE. UNLESS NOTED OTHERWISE.
- 3 THE CEILING IN THIS ROOM IS TO BE REPLACED. THE LIGHT FIXTURES ARE TO BE REUSED IN THE SAME LOCATION. REMOVE FIXTURES DURING CEILING REPLACEMENT AND REINSTALL AFTER CEILING COMPLETION. THE SWITCHING FOR THESE FIXTURES SHALL BE MODIFIED. SEE SPECIFIC NOTE 8.
- 4 ALL EXISTING WIRING DEVICES AND COVERS IN THIS SPACE ARE TO BE REPLACED. RECONNECT TO EXISTING LOAD/SOURCE. SOME DEVICES MAY NOT BE REFLECTED ON THIS PLAN.
- 5 EXISTING AIR HANDLING UNIT TO BE REMOVED. DISCONNECT UNIT AND REMOVE WIRE BACK TO SOURCE.
- 6 EXISTING CONDENSING UNIT AND DISCONNECT TO BE TEMPORARILY RELOCATED TO PERMIT THE CONSTRUCTION OF THE NEW BUILDING STRUCTURE. EXTEND EXISTING POWER AND CONTROL TO THE TEMPORARY LOCATION. SEE MECHANICAL POWER PLAN FOR NEW LOCATION.
- 7 EXISTING FIRE ALARM CONTROL PANEL (FACP) TO BE REMOVED. REMOVE ALL ASSOCIATED FIRE ALARM DEVICES. EXISTING TELEPHONE LINE TO BE EXTENDED TO THE NEW PANEL LOCATION.
- 8 THE CONTRACTOR SHALL USE THE MOST EFFICIENT MEANS POSSIBLE TO MODIFY THE EXISTING LIGHT SWITCHING FOR APPARATUS BAY TO PROVIDE ONE SWITCH FOR THE SPACE.
- 9 REMOVE PANEL AND ALL ASSOCIATED (FEEDER AND BRANCH CIRCUIT) CONDUIT AND WIRE.
- 10 EXISTING FIXTURE TO BE REPLACED. SEE LIGHTING PLAN.
- 11 EXISTING FIXTURE TO BE REMOVED. PROVIDE COVER FOR DEVICE BOX.
- 12 REPLACE EXISTING DEVICE AND COVER.

1 ELECTRICAL DEMOLITION PLAN – FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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

- SPECIFIC NOTES**
- 1 PROVIDE UN-SWITCHED PHASE CONDUCTOR TO POWER EMERGENCY BATTERIES IN EMERGENCY FIXTURES AND EXIT SIGNS.
 - 2 PROVIDE LIGHTING CONTROLS CONSISTING OF A MOMENTARY DECORATOR LIGHT SWITCH, A CEILING MOUNTED PASSIVE INFRARED (PIR) SENSOR AND A POWER PACK. (COOPER/GREENGATE MODELS: GMDS, OAC-P-1500, AND SP20 OR EQUAL). PROVIDE LOW VOLTAGE WIRING NOT SHOWN HERE. SEE DETAIL 1 ON SHEET E06.0.
 - 3 PROVIDE LIGHTING CONTROLS CONSISTING OF TWO MOMENTARY DECORATOR LIGHT SWITCH WIRED IN A 3-WAY CONFIGURATION, A CEILING MOUNTED PASSIVE INFRARED (PIR) SENSOR AND A POWER PACK. (COOPER/GREENGATE MODELS: GMDS, OAC-P-1500, AND SP20 OR EQUAL) PROVIDE LOW VOLTAGE WIRING NOT SHOWN HERE. SEE DETAIL 2 ON SHEET E05.0.
 - 4 PROVIDE A WALL MOUNTED DUAL-TECH SENSOR WITH NEUTRAL CONNECTION. (COOPER/GREENGATE MODELS: ONW-D-1001). SET DEVICE FOR MANUAL ON OPERATION AND AUTOMATIC OFF AFTER 10 MINUTES (20 MIN. FOR RESTROOM 111) OF VACANCY. SEE DETAIL 3, SHEET E05.0.
 - 5 POWER FROM AN UN-SWITCHED PHASE CONDUCTOR. FIXTURE IS CONTROLLED BY ONBOARD SENSOR. WALL MOUNT FIXTURE 6" ABOVE DOOR FRAME.
 - 6 POWER FIXTURE FROM UN-SWITCH CIRCUIT. TYPE F15 FIXTURES ARE CONTROLLED BY INTEGRAL ON/OFF SWITCH.
 - 7 PROVIDE LINE VOLTAGE FAN/LIGHT WALL BOX DIMMER. SELECT THE DIMMER TECHNOLOGY AS RECOMMENDED BY FIXTURE MANUFACTURER FOR PROPER OPERATION. PROVIDE EATON MODEL SU77 (FORWARD PHASE OR SUF7 (UNIVERSAL PHASE OR APPROVED EQUIVALENT).
 - 8 SWITCH IS FOR FAN CONTROL AND DIMMER IS FOR LIGHT KIT CONTROL.
 - 9 PROVIDE DECORATOR 0-10 VOLT WALL BOX DIMMER. EATON MODEL DF10P-C OR EQUAL. PROVIDE WIRING FOR 0-10 VOLT DIMMING CONTROLS. WIRING NOT SHOWN HERE. SEE SIRING DIAGRAM X SHEET E.
 - 10 REPLACE EXISTING LIGHT FIXTURE AT THIS LOCATION, REUSING EXISTING CIRCUIT AND SWITCHING.
 - 11 PROVIDE A WALL MOUNTED TWO RELAY, DUAL-TECH SENSOR WITH NEUTRAL CONNECTION. (COOPER/GREENGATE MODELS: ONW-D-1001). ONE RELAY TO CONTROL LIGHTING AN ONE TO CONTROL EXHAUST FAN. SET DEVICE FOR MANUAL ON OPERATION AND AUTOMATIC OFF AFTER 20 MINUTES OF VACANCY. SEE DETAIL, SHEET E05.0.
 - 12 SEE MECHANICAL POWER PLAN FOR EXHAUST FAN LOCATION.
 - 13 MOUNT SO BOTTOM OF FIXTURE IS 6" ABOVE MIRROR.
 - 14 FIXTURES POWERED THROUGH LIGHTING CONTROL PANEL LP1. SEE SCHEDULE.
 - 15 ROUTE POWER FOR BACKLIT LETTERS FOR STATION 44 BACK THRU LIGHTING CONTROL PANEL. SEE LIGHTING CONTROL SCHEDULE FOR MORE INFORMATION. SEE ARCHITECTURAL ELEVATIONS ON SHEET A10.1 FOR EAST ELEVATION AND A10.2 FOR NORTH ELEVATION FOR EXACT LOCATION OF LETTERS. CONFIRM ROUGH-IN REQUIREMENTS WITH SHOP DRAWING.
 - 16 SEE LIGHTING CONTROL PANEL SCHEDULE FOR LIGHTING CONTROL DESCRIPTION.
 - 17 SEE LIGHTING CONTROL PANEL SCHEDULE.

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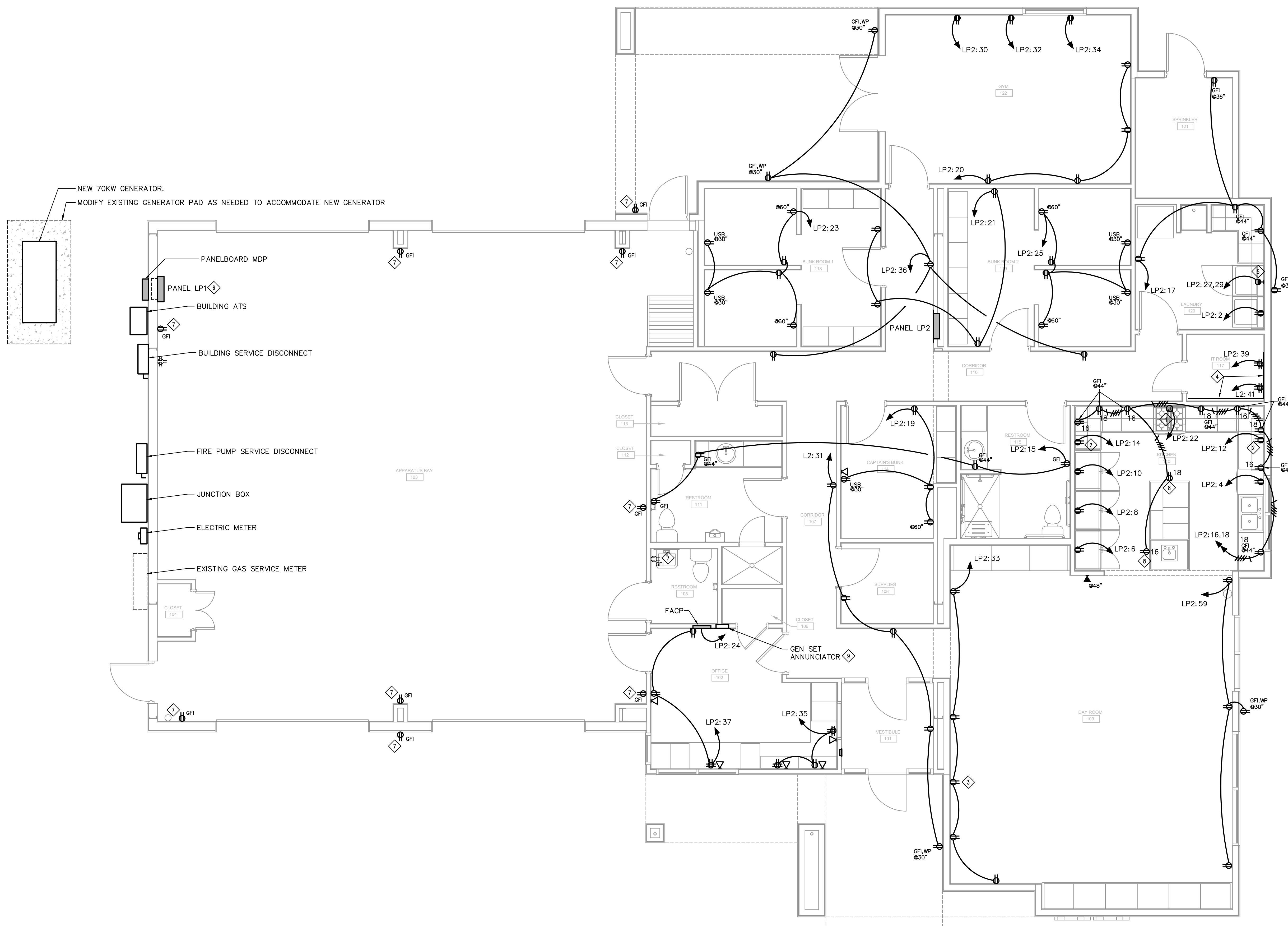
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**FIRE STATION 44
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- GENERAL NOTES**
- 1 DATA JACK LOCATIONS ARE SHOWN ON THIS PLAN FOR COORDINATION PURPOSES ONLY. SEE SPECIAL SYSTEMS PLAN FOR DATA SYSTEM REQUIREMENTS.
 - 2 ALL RECEPTACLES LOCATED IN THE LIVING SPACE SHALL BE TAMPER RESISTANT.
- SPECIFIC NOTES**
- 1 PROVIDE 120 VOLT POWER TO KITCHEN HOOD.
 - 2 INSTALL RECEPTACLE AT 78" FOR MICROWAVE INSTALLED ON UPPER SHELF. SEE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHT.
 - 3 INSTALL RECEPTACLE FOR WALL MOUNTED TV AT 78" CONFIRM MOUNTING HEIGHT WITH OWNER.
 - 4 WALL MOUNT 4'X8' X3/4" FIRE RETARDANT PLYWOOD BACKBOARD.
 - 5 PROVIDE 30-AMP 240/120 VOLT RECEPTACLE FOR DRYER NEMA 30-14R AND ROUTE 2#10, 1#10 NEUTRAL AND 1#10 GND IN 3/4" CONDUIT BACK TO 30 AMP, 2 POLE GFI C/B IN DESIGNATED PANEL.
 - 6 REPLACE EXISTING PANELBOARD. RECONNECT ALL EXISTING LOADS NOT CALL TO BE REMOVED. UPDATE PANEL LEGEND.
 - 7 REPLACE EXISTING RECEPTACLE AND COVER PLATE.
 - 8 MOUNT GFCI RECEPTACLE AT ISLAND COUNTER 12" BELOW COUNTERTOP.
 - 9 INSTALL GENERATOR REMOTE ANNUNCIATOR AT LOCATION SHOWN. ROUTE COMMUNICATIONS CABLE IN 1" CONDUIT FROM ANNUNCIATOR TO GENERATOR. CONFIRM EXACT LOCATION WITH OWNER AND ARCHITECT BEFORE ROUGH-IN.
 - 10 REPLACE ALL RECEPTACLE IN THE APPARATUS BAYS. MORE DEVICES MAY BE PRESENT THAN IS REFLECTED ON THIS PLAN.

1 POWER PLAN – FIRST FLOOR
SCALE: 1/4" = 1'-0"

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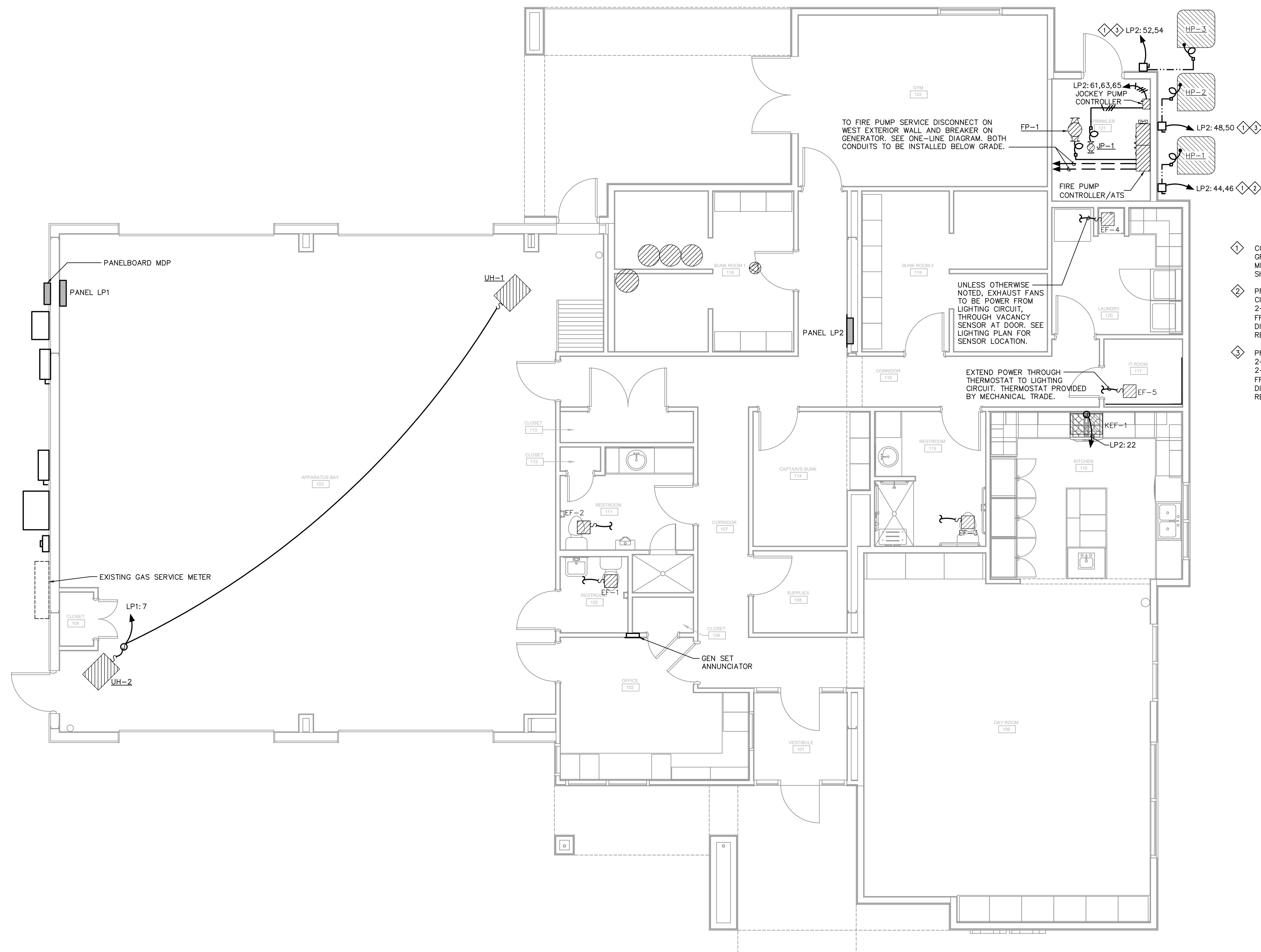
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SPECIFIC NOTES

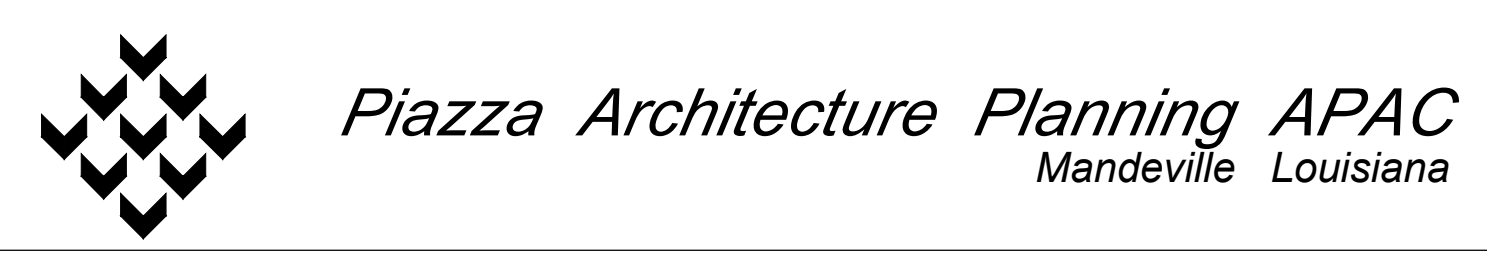
- ① CONDUIT FROM DISCONNECT TO HP SHALL BE BELOW GRADE OR SHARE THE ABOVE GRADE PATH WITH MECHANICAL PIPING. NEC WORKING CLEARANCE SPACE SHALL BE MAINTAINED AROUND DISCONNECTS.
- ② PROVIDE 1" C, 2#6, 1#10 GND FROM 60-AMP 2-POLE CIRCUIT BREAKER IN PANEL LP2 TO 60-AMP 2-POLE NEMA 3R FUSED DISCONNECT SWITCH THEN FROM SWITCH TO HEAT PUMP (HP). SIZE DISCONNECT FUSES PER MANUFACTURERS RECOMMENDATIONS.
- ③ PROVIDE 3/4" C, 2#10, 1#10 GND FROM 30-AMP 2-POLE CIRCUIT BREAKER IN PANEL LP2 TO 30-AMP 2-POLE NEMA 3R FUSED DISCONNECT SWITCH THEN FROM SWITCH TO HEAT PUMP (HP). SIZE DISCONNECT FUSES PER MANUFACTURERS RECOMMENDATIONS.

1 MECHANICAL POWER PLAN – FIRST FLOOR
 SCALE: 1/4" = 1'-0"
 0 4' 8'



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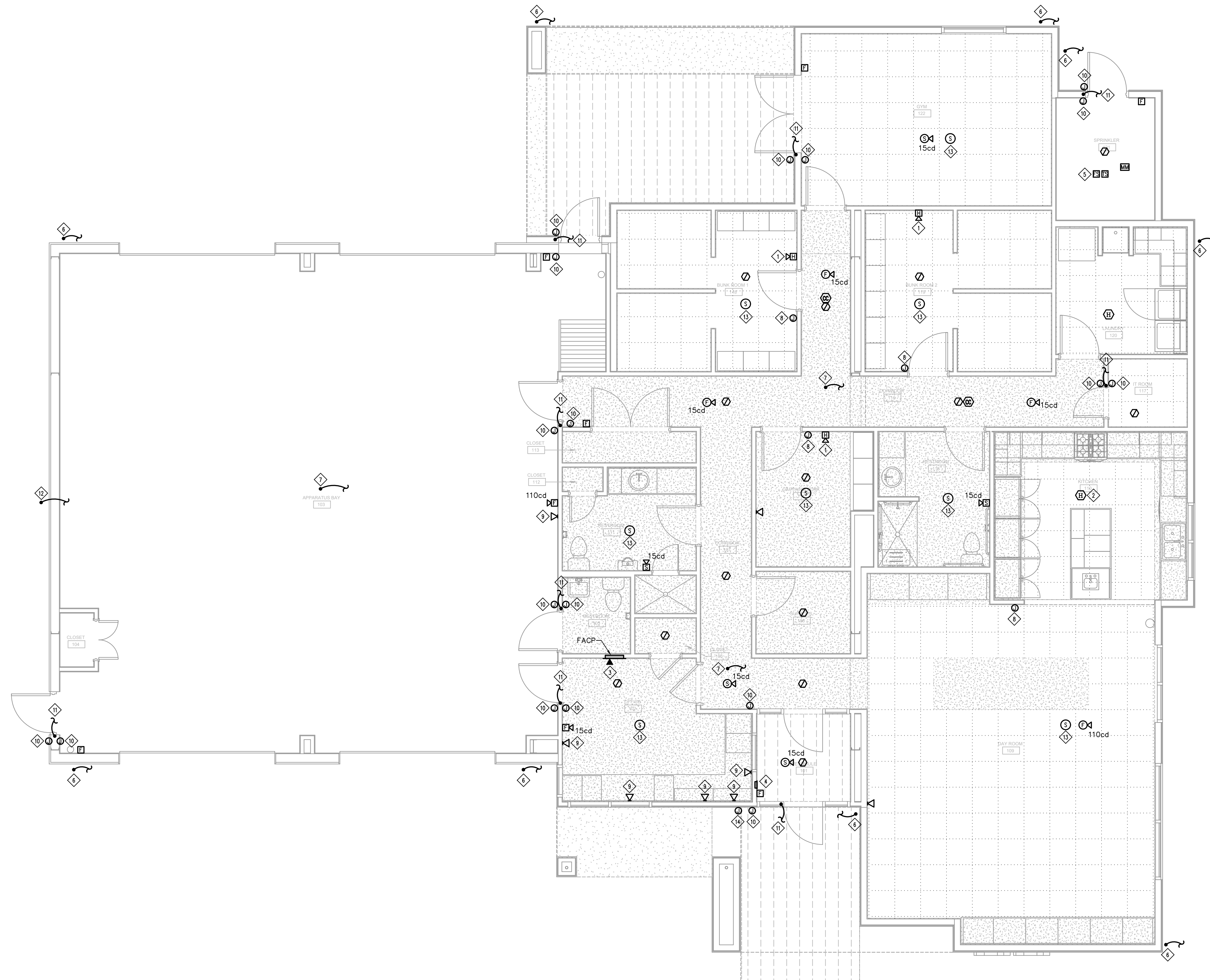
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GENERAL NOTES

- 1 LOW VOLTAGE CABLE IN GARAGE SHALL IN RUN IN RIGID CONDUIT.
- 2 LOW VOLTAGE CABLES INSTALL ABOVE CEILINGS CAN BE RUN EXPOSED AND SHALL BE NEATLY SUPPORTED USING J-HOOKS SPACED EVERY 5'.

SPECIFIC NOTES

- 1 PROVIDE 520 HZ LOW FREQUENCY ALARM IN SLEEPING AREAS.
- 2 PROVIDE A COMBINATION OF CARBON MONOXIDE AND HEAT DETECTOR AT THIS LOCATION.
- 3 PROVIDE DEDICATED PHONE LINE TO FIRE ALARM CONTROL PANEL.
- 4 PROVIDE FIRE ALARM REMOTE ANNUNCIATOR PANEL AT LOCATION SHOWN.
- 5 PROVIDE MONITOR MODULES TO MONITOR SPRINKLER SYSTEM FLOW AND TAMPER SWITCHES. COORDINATE WITH SPRINKLER CONTRACTOR FOR EXACT QUANTITY.
- 6 THE OWNER WILL BE INSTALLING A CCTV CAMERA IN THE SOFFIT AT THIS GENERAL LOCATION. PROVIDE CAT6 CABLE FROM THIS LOCATION TO THE DATA ROOM WITH 10' OF SLACK CABLE COILED AT EACH END. COORDINATE EXACT CAMERA LOCATION WITH OWNER.
- 7 THE OWNER WILL BE INSTALLING A WIFI ACCESS POINT AT THIS GENERAL LOCATION. PROVIDE CAT6 CABLE IN A 1" CONDUIT FROM BOX TO ABOVE THE CEILING THEN ABOVE CEILING TO DATA ROOM. PROVIDE 10' OF SLACK CABLE COILED IN THE DATA ROOM AND 5' COILED ABOVE THE CEILING AT THIS LOCATION. COORDINATE EXACT DEVICE LOCATION WITH OWNER.
- 8 THE OWNER WILL BE INSTALLING A VOICE OVER I.P. TELEPHONE SYSTEM. PROVIDE SINGLE GANG DEVICE BOX AT THIS LOCATION FOR HANDSET MOUNTING. BOX TO BE 48" AFF AND 12" FROM DOOR JAM WHEN APPLICABLE. PROVIDE ONE CAT6 CABLE IN A 1" CONDUIT FROM BOX TO ABOVE THE CEILING THEN ABOVE CEILING TO THE DATA ROOM. PROVIDE 10' OF SLACK CABLE COILED IN THE DATA ROOM AND 12" COILED IN BOX.
- 9 PROVIDE A 4"x4"x 2.125" BOX FOR COMMUNICATIONS AND ROUTE FOUR CAT 6 CABLES IN A 1" CONDUIT FROM BOX TO ABOVE THE CEILING. CAT 6 CABLES SHALL THEN BE ROUTED ABOVE THE CEILING BACK TO THE COMMUNICATION RACK IN DATA ROOM 104.
- 10 THE OWNER WILL BE INSTALLING A CARD ACCESS SYSTEM. PROVIDE SINGLE GANG BOX AT 48" AFF FOR CARD READER. PROVIDE 1" CONDUIT WITH CAT6 CABLE FROM BOX TO ABOVE ACCESSIBLE CEILING THEN ABOVE CEILING TO DATA ROOM. PROVIDE 10' OF SLACK CABLE COILED IN THE DATA ROOM AND 12" COILED IN BOX.
- 11 THE OWNER WILL BE INSTALLING A CARD ACCESS SYSTEM. PROVIDE 2#18 TWISTED PAIR FROM THE DOOR STRIKE LOCATION WITHIN THE DOOR JAM TO THE DATA ROOM.
- 12 APPROXIMATE LOCATION OF OWNER INSTALLED RADIO ANTENNA ON TOWER. PROVIDE TYPE NMR-600 CABLE FROM TO OF TOWER THROUGH ATTIC TO DATA ROOM. PROVIDE 10' OF COILED SLACK CABLE AT EACH END. COORDINATE FINAL LOCATION OF ANTENNA WITH OWNER.
- 13 PROVIDE 6" SPEAKER FOR PAGING SYSTEM WITH #18 SPEAKER WIRE ABOVE CEILING TO DATA ROOM. SPEAKERS TO BE 70-VOLT WITH SELECTABLE WATTAGE. PROVIDE ROCKVILLE MODEL CC65T FOR HARD CEILING APPLICATIONS AND MODEL DCS8T FOR SUSPENDED CEILING APPLICATIONS OR APPROVED EQUAL.
- 14 THE OWNER WILL BE INSTALLING A VIDEO DOORBELL. PROVIDE SINGLE GANG BOX AT 48" AFF FOR DOORBELL. PROVIDE 1" CONDUIT WITH CAT6 CABLE FROM BOX TO ABOVE ACCESSIBLE CEILING THEN ABOVE CEILING TO DATA ROOM. PROVIDE 10' OF SLACK CABLE COILED IN THE DATA ROOM AND 12" COILED IN BOX.

1 SPECIAL SYSTEM PLAN – FIRST FLOOR
SCALE: 1/4" = 1'-0"



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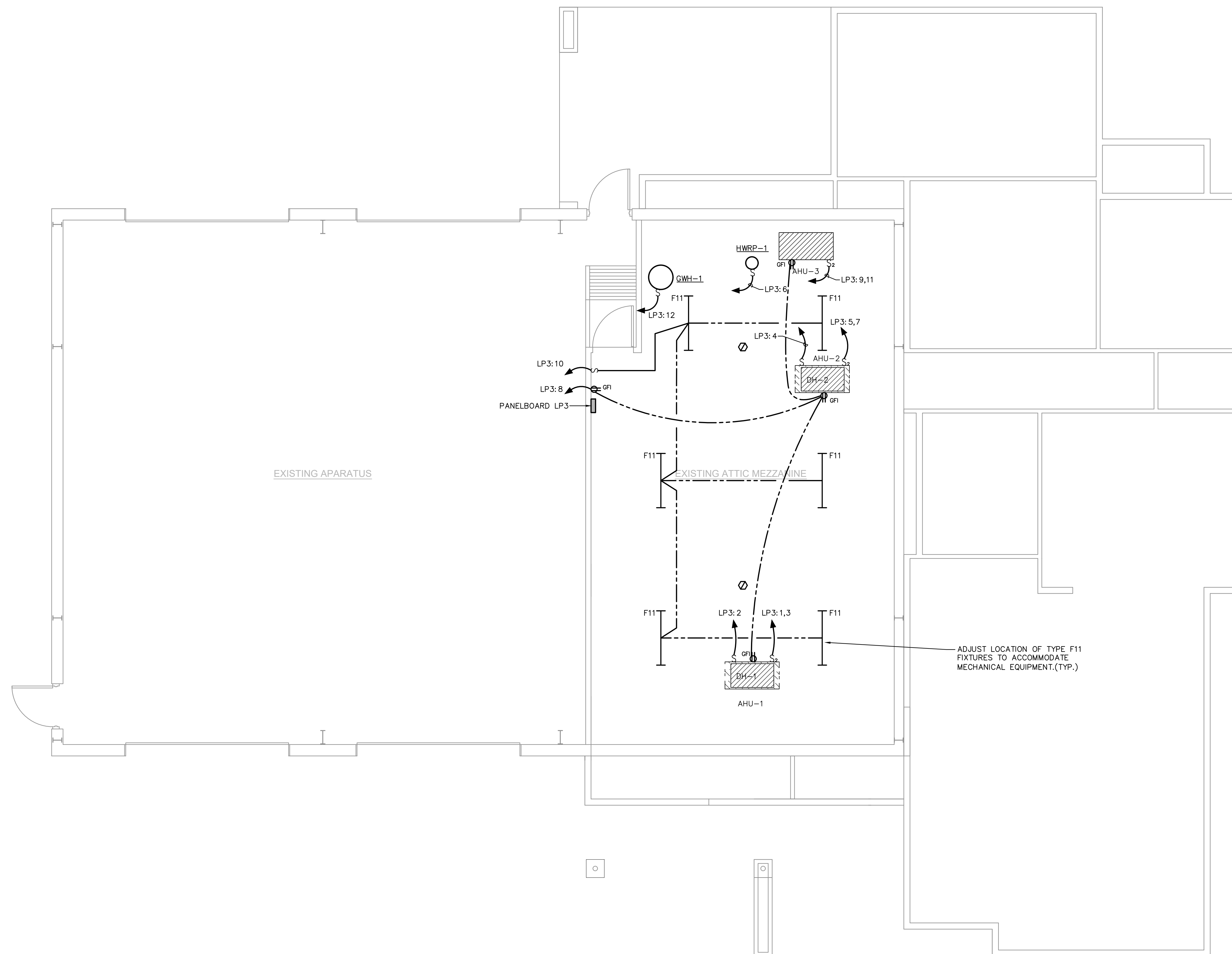
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1 ELECTRICAL PLAN - MEZZANINE
 SCALE: 1/4" = 1'-0"
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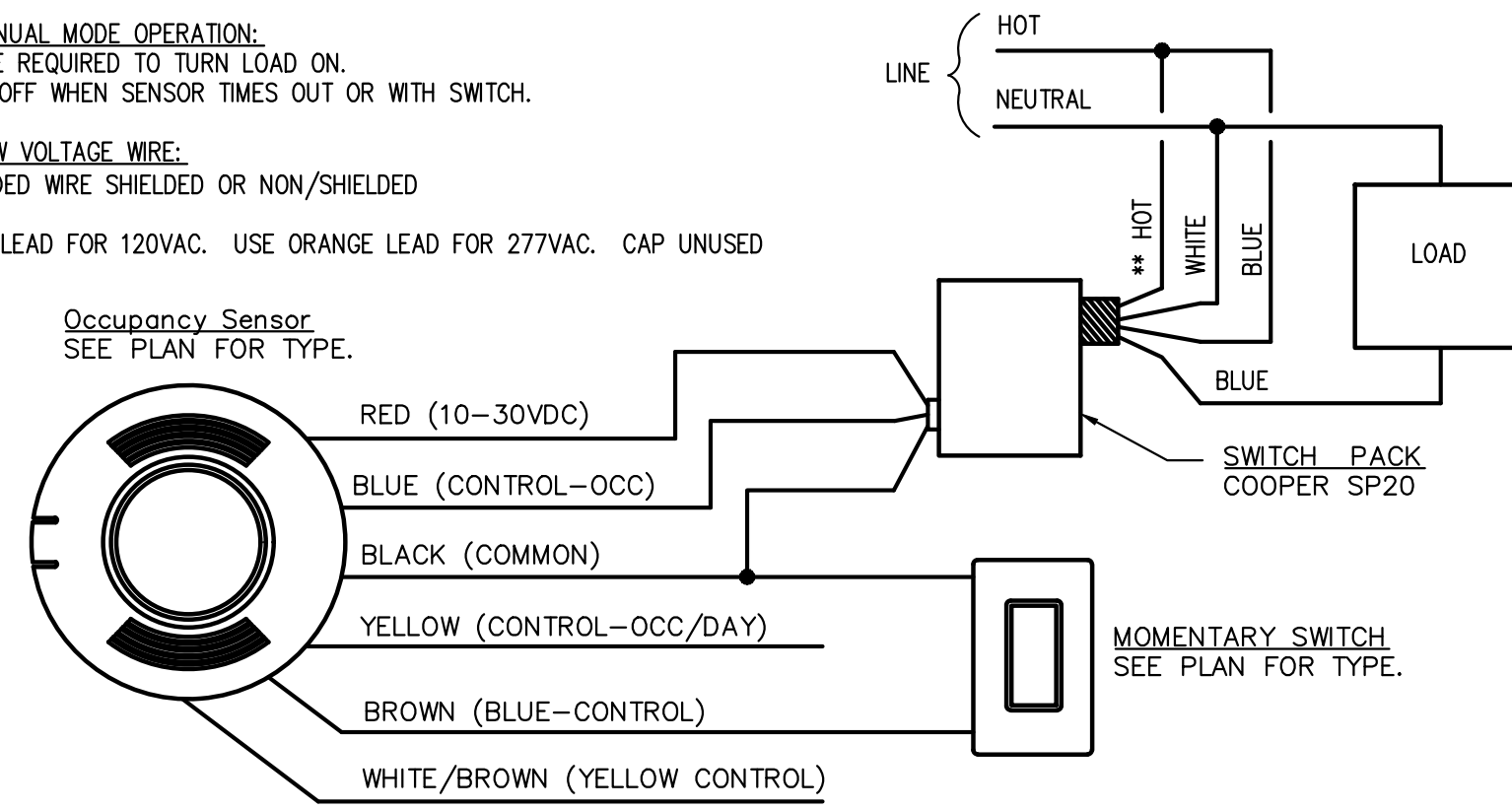
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OAC AND VAC MANUAL MODE OPERATION:
 1. SWITCHES ARE REQUIRED TO TURN LOAD ON.
 2. LOAD TURNS OFF WHEN SENSOR TIMES OUT OR WITH SWITCH.

RECOMMENDED LOW VOLTAGE WIRE:
 18-3 AWG STRANDED WIRE SHIELDED OR NON/SHIELDED

** USE BLACK LEAD FOR 120VAC. USE ORANGE LEAD FOR 277VAC. CAP UNUSED LEAD.



NOTE:

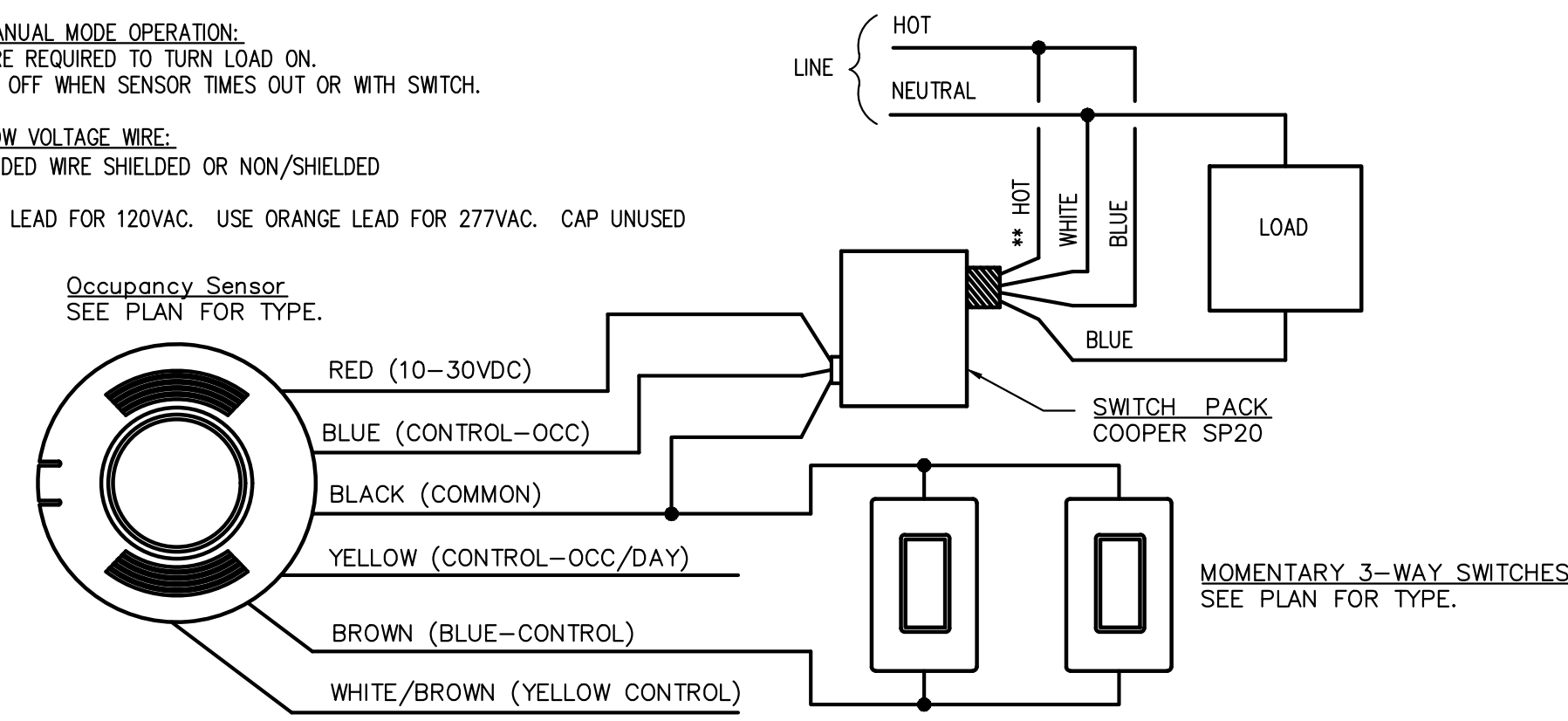
LIGHTING CONTROLS BASES OF DESIGN IS COOPER AND INTELLIGENT LIGHTING CONTROLS (ILC). IF THE CONTRACTOR PROVIDES AN ALTERNATE MANUFACTURER, HE SHALL BE RESPONSIBLE FOR OBTAINING APPLICABLE WIRING DETAILS FROM THE MANUFACTURER.

1 CEILING MOUNTED OCCUPANCY SENSOR, MANUAL ON, WIRING DIAGRAM
 SCALE: N.T.S.

OAC AND VAC MANUAL MODE OPERATION:
 1. SWITCHES ARE REQUIRED TO TURN LOAD ON.
 2. LOAD TURNS OFF WHEN SENSOR TIMES OUT OR WITH SWITCH.

RECOMMENDED LOW VOLTAGE WIRE:
 18-3 AWG STRANDED WIRE SHIELDED OR NON/SHIELDED

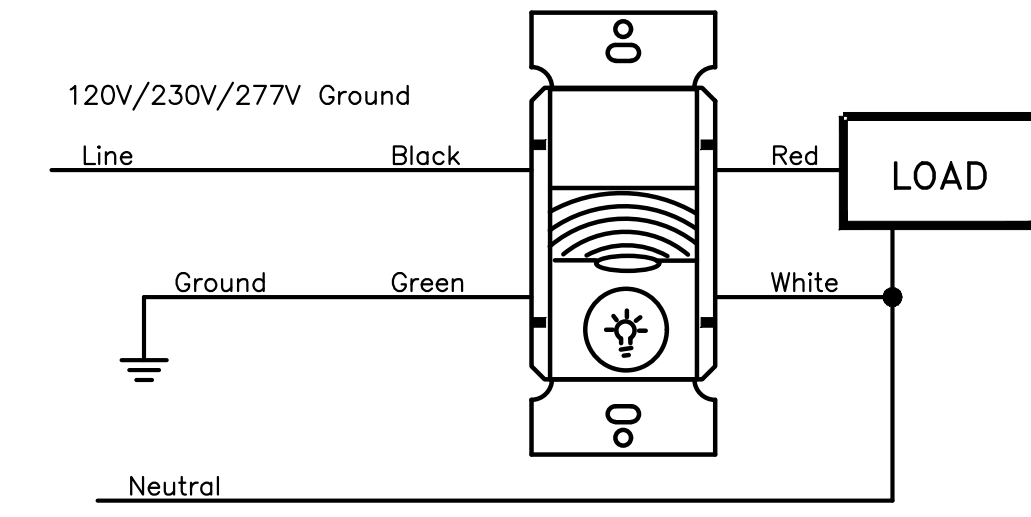
** USE BLACK LEAD FOR 120VAC. USE ORANGE LEAD FOR 277VAC. CAP UNUSED LEAD.



NOTE:

LIGHTING CONTROLS BASES OF DESIGN IS COOPER AND INTELLIGENT LIGHTING CONTROLS (ILC). IF THE CONTRACTOR PROVIDES AN ALTERNATE MANUFACTURER, HE SHALL BE RESPONSIBLE FOR OBTAINING APPLICABLE WIRING DETAILS FROM THE MANUFACTURER.

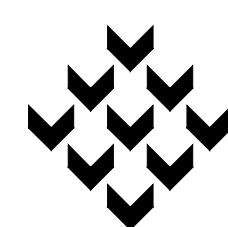
2 CEILING MOUNTED OCCUPANCY SENSOR, MANUAL 3-WAY ON, WIRING DIAGRAM
 SCALE: N.T.S.



PROVIDE GREENGATE MODELS: ONW-D-1001 OR EQUAL.

3 WALL BOX SENSOR WIRING DIAGRAM

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Panel Name: MDP, Project Name: MANDEVILLE FIRE STATION 44. Panel Schedule table with columns for Item, Amp, Poles, and various load categories.

Panel Name: LP1, Project Name: MANDEVILLE FIRE STATION 44. Panel Schedule table with columns for Item, Amp, Poles, and various load categories.

Panel Name: LP2, Project Name: MANDEVILLE FIRE STATION 44. Panel Schedule table with columns for Item, Amp, Poles, and various load categories.

Panel Name: LP2, Project Name: MANDEVILLE FIRE STATION 44. Panel Schedule table with columns for Item, Amp, Poles, and various load categories.

LIGHTING CONTROL PANEL SCHEDULE (LCP1). Table with columns for Panelboard Circuit Number, Room/Area Served, Relay, # of Poles, Voltage, and Controls Description.

CONTROL DESCRIPTION table. Columns: ITEM NO., DESCRIPTION, SWITCH DESIGNATIONS.

Panel Name: LP3, Project Name: MANDEVILLE FIRE STATION 44. Panel Schedule table with columns for Item, Amp, Poles, and various load categories.

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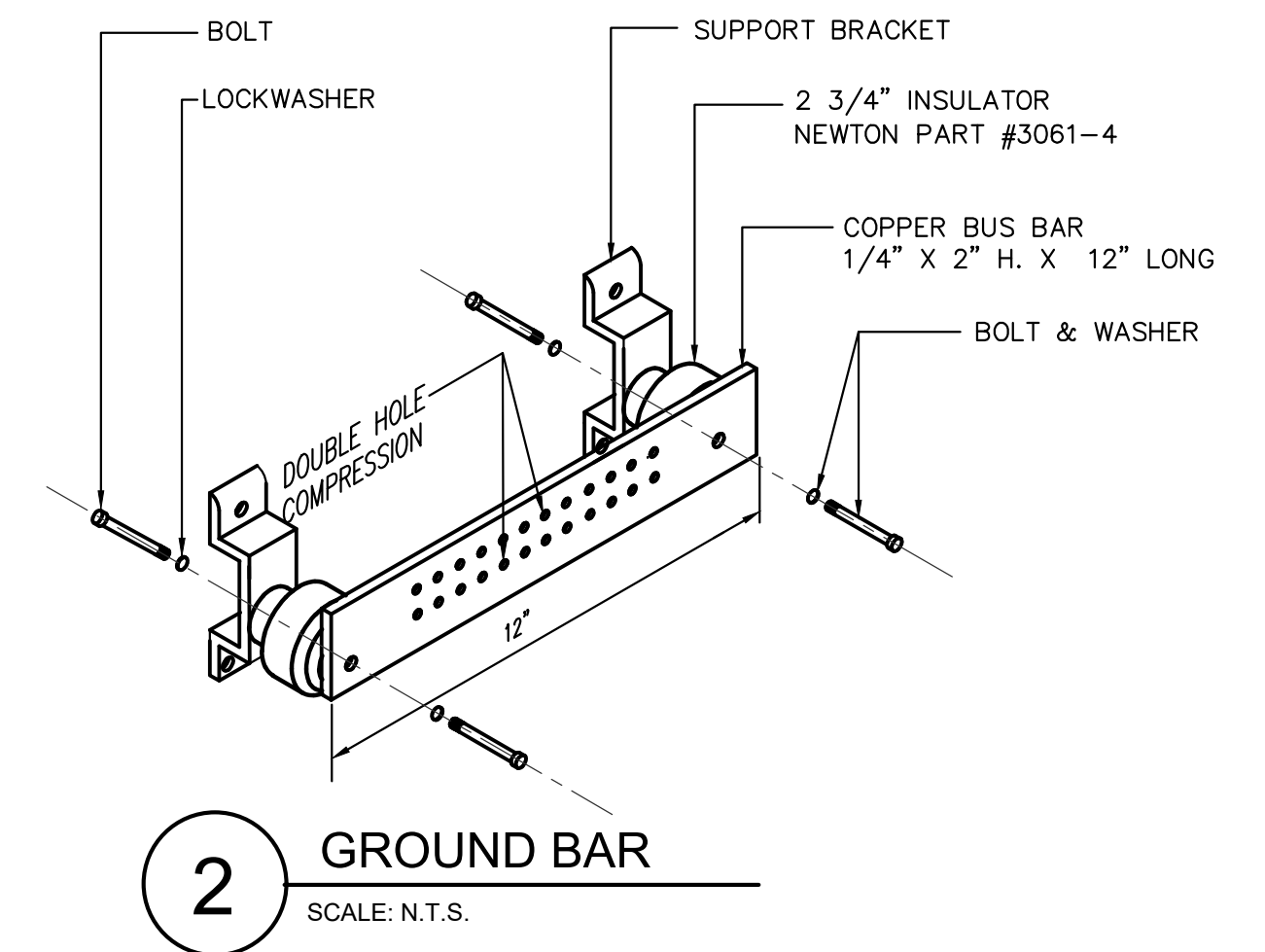
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FEEDER SCHEDULE (TYPICAL SCHEDULE - NOT ALL LABELS ARE NECESSARILY USED.)				
LABEL	NO.	SIZE	GND.	CONDUIT
A	3	#12	#12	1/2"
A1	4	#12	#12	1/2"
B	3	#10	#10	3/4"
B1	4	#10	#10	3/4"
C	3	#8	#10	1"
C1	4	#8	#10	1"
D	3	#6	#8	1"
D1	4	#6	#8	1"
E	3	#4	#8	1 1/4"
E1	4	#4	#8	1 1/4"
F	3	#3	#8	1 1/4"
F1	4	#3	#8	1 1/4"
G	3	#2	#6	1 1/4"
G1	4	#2	#6	1 1/4"
H	3	#1	#6	1 1/2"
H1	4	#1	#6	1 1/2"
I	3	#1/0	#6	1 1/2"
I1	4	#1/0	#6	1 1/2"
J	3	#2/0	#6	2"
J1	4	#2/0	#6	2"
K	3	#3/0	#6	2"
K1	4	#3/0	#6	2"
L	3	#4/0	#4	2"
L1	4	#4/0	#4	2 1/2"
M	3	#250 MCM	#4	2 1/2"
M1	4	#250 MCM	#4	2 1/2"
N	3	#350 MCM	#3	3"
N1	4	#350 MCM	#3	3"

FEEDER SCHEDULE (TYPICAL SCHEDULE - NOT ALL LABELS ARE NECESSARILY USED.)				
LABEL	NO.	SIZE	GND.	CONDUIT
O	3	#500 MCM	#3	3 1/2"
O1	4	#500 MCM	#3	3 1/2"
P	(2)3	#350 MCM	#1	3"(2 SETS)
P1	(2)4	#350 MCM	#1	3"(2 SETS)
R	(2)3	#500 MCM	#1/0	4"(2 SETS)
R1	(2)4	#500 MCM	#1/0	4"(2 SETS)
S	(3)3	#350 MCM	#2/0	3"(3 SETS)
S1	(3)4	#350 MCM	#2/0	3"(3 SETS)
T	(3)3	#500 MCM	#3/0	4"(3 SETS)
T1	(3)4	#500 MCM	#3/0	4"(3 SETS)
U	(2)3	#600 MCM	#1/0	4"(2 SETS)
U1	(2)4	#600 MCM	#1/0	4"(2 SETS)
V	(3)3	#600 MCM	#3/0	4"(3 SETS)
V1	(3)4	#600 MCM	#3/0	4"(3 SETS)
W	(4)4	#600 MCM	#4/0	4"(4 SETS)
W1	(5)4	#600 MCM	250 MCM	4"(5 SETS)
Z1	4	#600 MCM	#3	4"
XX	SEE DRY TRANSFORMER SCHEDULE			

SPECIFIC NOTES:

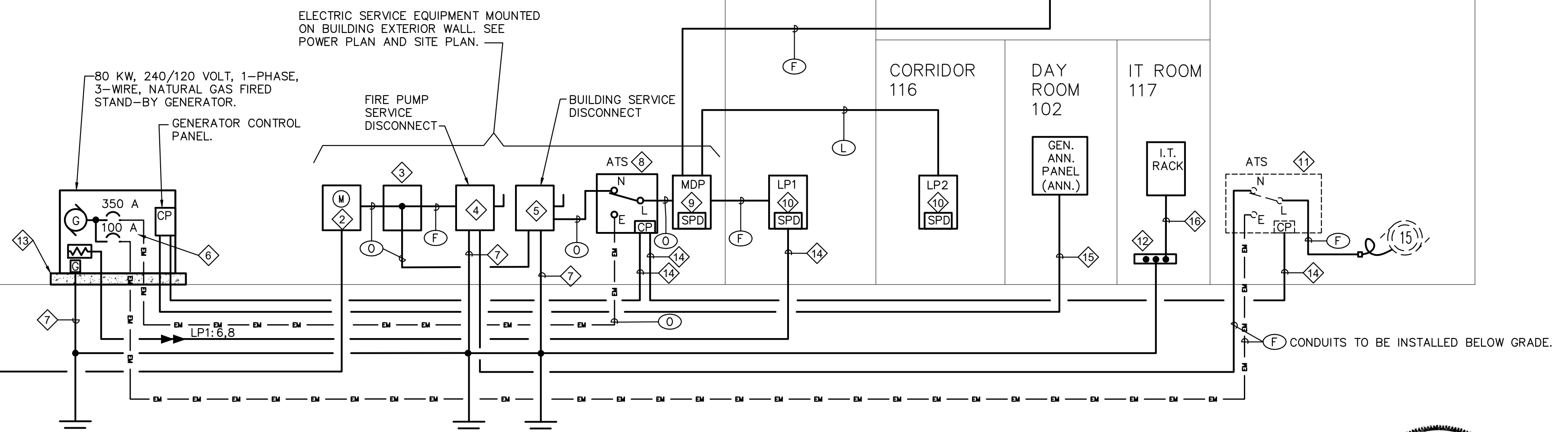
- 1 PROVIDE THREE 4" CONDUITS WITH PULL-CORDS FROM PAD MOUNTED TRANSFORMER TO SERVICE METER. CONDUITS TO BE INSTALLED BY DIRECTIONAL BORE. STOP CONDUITS 24" FROM PAD.
- 2 PROVIDE 400-AMP 1-PHASE METER PAN TO MEET CLECO REQUIREMENTS.
- 3 PROVIDE NEMA 3R JUNCTION BOX FOR SERVICE CONDUCTOR TAP TO BUILDING POWER AND FIRE PUMP POWER.
- 4 PROVIDE NEMA 3R, 600-AMP, 2-POLE, NEUTRAL ASSEMBLY, GROUND BAR KIT, SERVICE ENTRANCE RATED FUSED DISCONNECT SWITCH WITH 450-AMP FUSES. PROVIDE RED ENGRAVED NAME PLATE TO READ "FIRE PUMP UTILITY POWER DISCONNECT. EMERGENCY POWER DISCONNECT IN GENERATOR ENCLOSURE".
- 5 PROVIDE NEMA 3R, 400-AMP, 2-POLE, NEUTRAL ASSEMBLY, GROUND BAR KIT, SERVICE ENTRANCE RATED FUSED DISCONNECT SWITCH WITH 400-AMP FUSES. PROVIDE ENGRAVED NAME PLATE TO READ "BUILDING UTILITY POWER DISCONNECT. EMERGENCY POWER DISCONNECT IN GENERATOR ENCLOSURE".
- 6 PROVIDE RED ENGRAVED NAME PLATE TO READ "FIRE PUMP EMERGENCY POWER DISCONNECT. UTILITY POWER DISCONNECT LOCATED ADJACENT TO UTILITY METER".
- 7 AT GENERATOR: USE A#2 GROUND ELECTRODE CONDUCTOR AND BOND GROUND LUG OF GENERATOR TO GROUND ROD, BUILDING STEEL AND METAL WATER PIPE. DO NOT BOND NEUTRAL.
- 8 AT FIRE PUMP: SERVICE DISCONNECT USE A #2 GROUND ELECTRODE CONDUCTOR AND BOND NEUTRAL AND GROUND IN SERVICE DISCONNECT TO GROUND ROD, BUILDING STEEL AND METAL WATER PIPE.
- 9 AT MAIN SERVICE DISCONNECT: SE A #2 GROUND ELECTRODE CONDUCTOR AND BOND NEUTRAL AND GROUND IN SERVICE DISCONNECT TO GROUND ROD, BUILDING STEEL AND METAL WATER PIPE.
- 10 PROVIDE NEMA 3R, 400-AMP, 2-POLE AUTOMATIC TRANSFER SWITCH.
- 11 PROVIDE INTEGRAL SURGE PROTECTIVE DEVICE (SPD) INSIDE MAIN DISTRIBUTION BOARD. SPD SHALL HAVE SURGE CURRENT RATING OF 240 KA PER PHASE AND HAVE INTERRUPT RATING OF 200 KAIR. THE SPD SHALL BE MODULAR IN DESIGN, AND BE MOUNTED ON THE LINE SIDE OF THE EQUIPMENT. IT SHALL HAVE AN AUDIBLE ALARM (AND SILENCE SWITCH) THAT IS ACTIVATED ON FAILURE OF A MODULE. IT SHALL ALSO COME WITH A NO/NC CONTACT TO INDICATE THE FAILURE OF A MODULE. FINALLY THE SPD SHALL COME WITH A TEN YEAR WARRANTY.
- 12 PROVIDE INTEGRAL SURGE PROTECTIVE DEVICE (SPD) INSIDE MAIN DISTRIBUTION BOARD. SPD SHALL HAVE SURGE CURRENT RATING OF 120 KA PER PHASE AND HAVE INTERRUPT RATING OF 200 KAIR. THE SPD SHALL BE MODULAR IN DESIGN, AND BE MOUNTED ON THE LINE SIDE OF THE EQUIPMENT. IT SHALL HAVE AN AUDIBLE ALARM (AND SILENCE SWITCH) THAT IS ACTIVATED ON FAILURE OF A MODULE. IT SHALL ALSO COME WITH A NO/NC CONTACT TO INDICATE THE FAILURE OF A MODULE. FINALLY THE SPD SHALL COME WITH A TEN YEAR WARRANTY.
- 13 FIRE PUMP AUTOMATIC TRANSFER SWITCH AND DISCONNECT FURNISH PER PLUMBING SPECIFICATION AND INSTALLED BY ELECTRICAL TRADE.
- 14 PROVIDE GROUND BUS BAR. BOND I.T. RACK TO BAR USING #6 CONDUCTOR SEE DETAIL ON THIS SHEET FOR INFORMATION.
- 15 EXTEND EXISTING GENERATOR EQUIPMENT PAD SO IT IS 12" WIDER AND LONGER THEN THE NEW GENERATOR.
- 16 GENERATOR CONTROL CIRCUIT, PROVIDE 1" C WITH CONDUCTOR AS REQUIRED BY GENERATOR MANUFACTURER.
- 17 1" C WITH CONDUCTOR AS REQUIRED BY GENERATOR MANUFACTURER FOR ANNUNCIATORS MONITORING CIRCUIT.
- 18 BOND I.T. RACK TO GROUND BUS USING #6 GROUND CONDUCTOR.



SERVICE TYPE:
400 AMP, 240/120 VOLT, SINGLE PHASE, THREE WIRE, 60 HZ.
PROVIDE SERVICE EQUIPMENT PER CLECO REQUIREMENTS.
CLECO FEES FOR NEW SERVICE SHALL BE PAID BY CONTRACTOR.

COORDINATE WITH CLECO FOR THE REPLACEMENT OF THE EXISTING PAD MOUNTED TRANSFORMER.

PROVIDE CONDUIT TO CLECO FOR CONDUIT STUB INTO TRANSFORMER.



1 ONE-LINE DIAGRAM
SCALE: N.T.S.



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