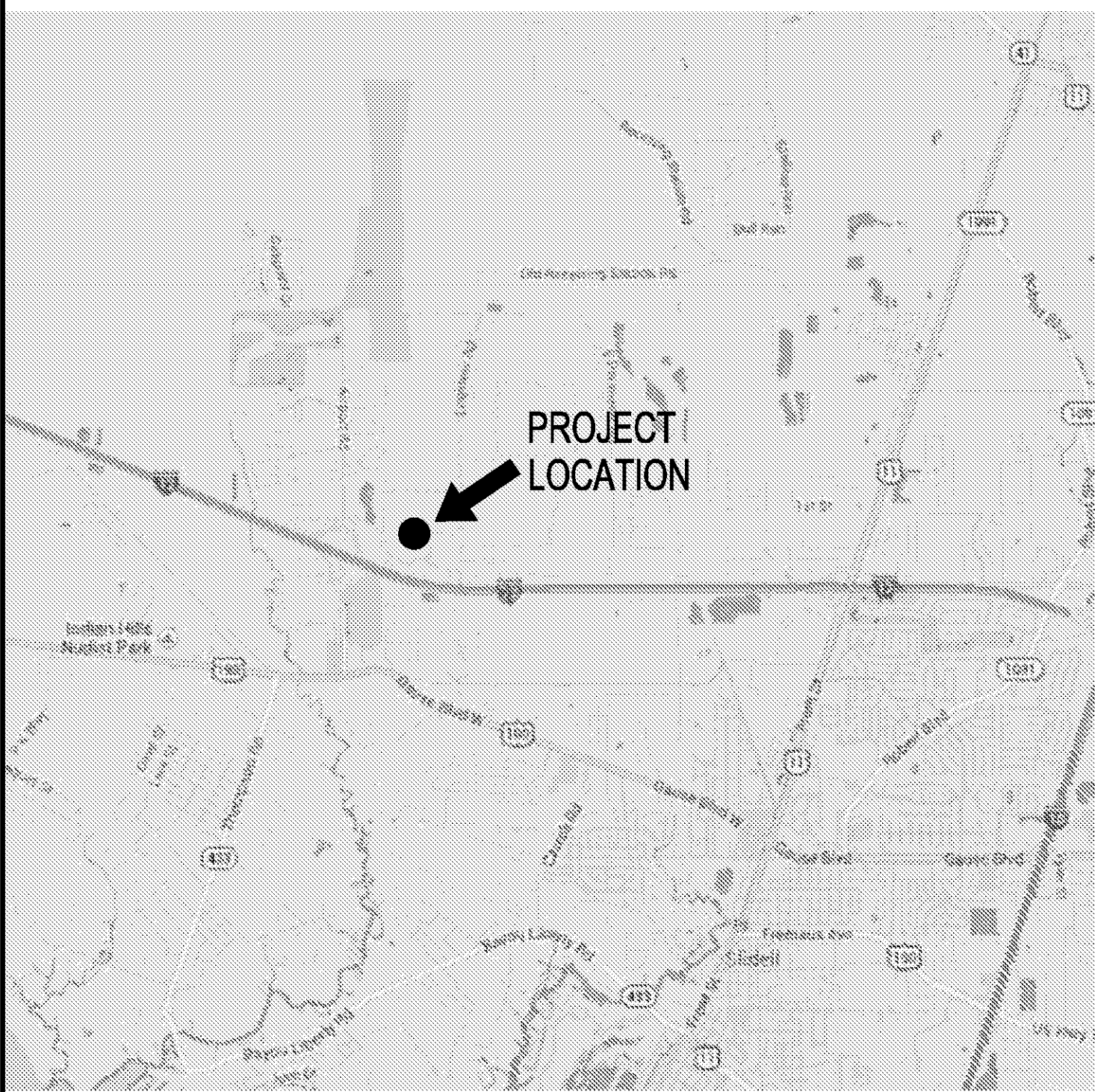


ABBREVIATIONS

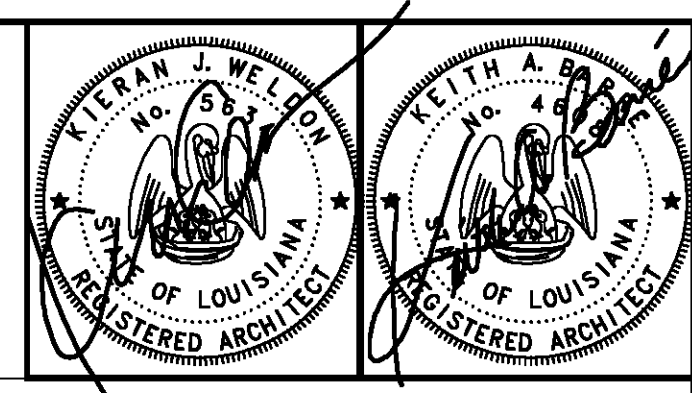
FLR	FLOOR	SYS	SYSTEM
ADA	AMERICAN WITH DISABILITIES ACT	MAT	MATERIAL
ADDL	ADDITIONAL	MAX	MAXIMUM
ADJ	ADJUSTABLE, ADJACENT	MECH	MECHANICAL
AFF	ABOVE FINISHED FLOOR	MFG	MANUFACTURING
AL	ALUMINUM	MIN	MINIMUM
BD	BOARD	MIR	MIRROR
BLDG	BUILDING	MNF	MANUFACTURER
BLK	BLOCKING	MR	MOISTURE RESISTANT
BLKG	BLOCKING	MTL	METAL
CJ	CONTROL JOINT	NIC	NOT IN CONTRACT
CLG	CEILING	NO.	NUMBER
CMU	CONCRETE MASONRY UNIT	O.C.	ON CENTER
CONC	CONCRETE	OD	OUTSIDE DIAMETER/DIMENSION
CONT	CONTINUOUS	OPP	OPPOSITE
DIA	DIAMETER	OPP.HD.	OPPOSITE HAND
DIAM	DIAMETER	PCF	POUNDS PER CUBIC FOOT
DF	DRINKING FOUNTAIN	PLYWD	PLYWOOD
DS	DOWN SPOUT	PR	PAIR
DTLS	DETAILS	PTAC	PACKAGED THERMAL AC
DWGS	DRAWINGS	REINF	REINFORCED
EA	EACH	REQD	REQUIRED
EJ	EXPANSION JOINT	SAT	SUSPENDED ACOUSTICAL TILE
EL	ELEVATION	IBC	INTERNATIONAL BUILDING CODE
ELEC	ELECTRICAL	SC	SOLID CORE
ELEV	ELEVATION	SCH	SCHEDULE
EQ	EQUAL	SCHED	SCHEDULE
EW	ELECTRIC WATER COOLER	SD	SOAP DISPENSER
EXP	EXPANSION	SH	SHEET
FD	FLOOR DRAIN	SHT	SHEET
FE	FIRE EXTINGUISHER	SIM	SIMILAR
FEC	FIRE EXTINGUISHER CABINET	STL	STEEL
FF	FINISH FLOOR	STRUCT	
FOS	FACE OF STUD	TB	TACK BOARD
FR	FIRE RATED	TOB	TOP OF BEAM, BENT
FRP	FIBERGLASS REINFORCED PANEL	TOS	TOP OF SLAB
GB	GYPSUM BOARD	TP	TOILET PAPER DISPENSER
GYP	GYPSUM	TRTD	TREATED
HC	HANDICAPPED	TS	TACK STRIP
HD	ELECTRIC HAND DRYER	TYP	TYPICAL
HGT	HEIGHT	TV	TELEVISION
HORIZ	HORIZONTAL	U.L.	UNDERWRITER LABORATORY
HM	HOLLOW METAL	UNO	UNLESS NOTED OTHERWISE
HND	HAND	V.I.F.	VERIFY IN FIELD
HT	HEIGHT	VCT	VINYL COMPOSITION TILE
HTS	HEIGHTS	VERT	VERTICAL
HVAC	MECHANICAL	VT	VINYL TILE
ID	INSIDE DIAMETER/DIMENSION	W	WITH
LAV	LAVATORY	WC	WATER CLOSET
		WD	WOOD

NOTE: THESE ARE THE MOST COMMON ARCHITECTURAL ABBREVIATIONS. IN ADDITION TO OTHER GRAMMATICAL ABBREVIATIONS ARE USED IN THESE DRAWINGS. ALSO REFER TO THE STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR OTHER ABBREVIATIONS.

VICINITY MAP



ARCHITECTURAL



SHEET	ARCHITECTURAL SECTION 000 - GENERAL INFORMATION
A0.1	COVER SHEET, DRAWING INDEX, VICINITY MAP, ABBREVIATIONS
A0.2	SYMBOLS, GENERAL NOTES, CONSTRUCTION NOTES, ACCESSIBILITY REQMTS., DETAILS
A0.3	LIFE SAFETY PLAN
A1.1	SITE PLAN
A1.2	CANOPY PLAN AND DETAILS
A2.1	FLOOR PLAN
A2.2	MEZZANINE PLAN/ STAIR DETAILS
A3.1	EXTERIOR ELEVATIONS
A3.2	EXTERIOR ELEVATIONS
A3.20	BUILDING SECTION
A3.40	PARTITION WALL TYPES
A5.1	INTERIOR ELEVATIONS
A6.1	REFLECTED CEILING PLAN
A8.1	DOOR AND WINDOW SCHEDULE/ HEAD JAMB SILL DETAILS
A9.1	MILLWORK DETAILS

CIVIL

SHEET	CIVIL
C1.0	DRAINAGE AND PAVING PLAN
C2.0	UTILITY PLAN
C3.0	STREET DRAINAGE AND UTILITY DETAILS

STRUCTURAL

SHEET	STRUCTURAL
S1.0	FOUNDATION PLAN, NOTES AND TYPICAL DETAILS
S1.1	FOUNDATION DETAILS

MECHANICAL

SHEET	HVAC
M1.1	NOTES, LEGENDS AND SCHEDULES
M2.1	SITE PLAN
M3.1	FLOOR PLAN - PLUMBING AND FIRE PROTECTION
M4.1	FLOOR PLAN - HVAC

ELECTRICAL

SHEET	ELECTRICAL
E1.1	ELECTRICAL SITE PLAN
E2.1	LIGHTING PLAN
E3.1	POWER PLAN
E4.1	ELECTRICAL RISER DIAGRAM
E5.1	PANEL SCHEDULES

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

34780 S. RANGE ROAD
SLIDELL, LA 70460

ARCHITECT

Fauntleroy Latham Weldon Barre' Architects, APC.
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Covington, LA 70433
(985) 893-4100

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985-649-0075

Structural- Wardlaw and Lasseigne, LLC
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Baton Rouge, LA 70806
225-926-1432

ELECTRICAL / LIGHTING - Drake Engineering
2783 Lapalco Boulevard
Harvey, LA 70058
504-382-3038

MECHANICAL / PLUMBING / FIRE PROTECTION - Howell Consultants
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COVER SHEET
DRAWING INDEX
VICINITY MAP
ABBREVIATIONS

CONSTRUCTION DOCUMENTS

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Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

CONSTRUCTION DOCUMENTS

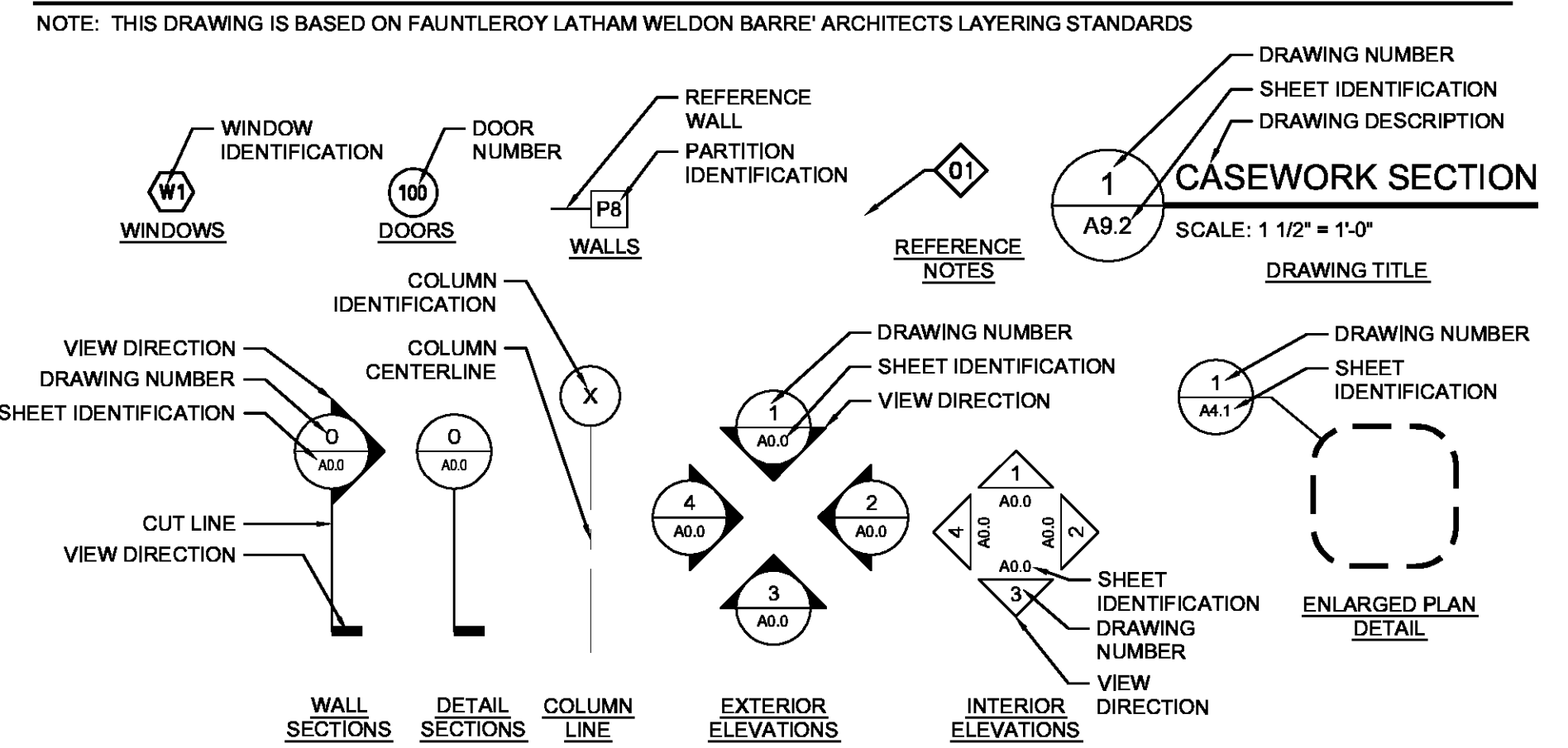
GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CITY, STATE, AND NATIONAL CODES AND STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR PAYING FOR ALL TAXES, PERMITS AND LICENSES AS A RESULT OF THIS WORK DESCRIBED HERE IN UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO COMMENCING WORK. A SITE VISIT PRIOR TO BID IS STRONGLY RECOMMENDED. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- A FULL TIME SUPERINTENDENT, EXPERIENCED IN AND SKILLED IN THIS TYPE OF WORK SHALL BE ON THE JOB SITE DURING ALL WORK TIMES. THE SUPERINTENDENT SHALL REPRESENT THE CONTRACTOR IN HIS ABSENCE AND ALL DIRECTIONS GIVEN TO HIM, SHALL BE AS IF GIVEN DIRECTLY TO THE CONTRACTOR. SUCH DIRECTIONS SHALL ONLY BE AUTHORIZED IF ISSUED BY THE ARCHITECT.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND REMOVAL OF ALL CONSTRUCTION DEBRIS ON A DAILY BASIS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS TOILET FACILITIES, TRASH REMOVAL, TELEPHONE AND SECURED STORAGE AREAS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FENCING OFF AND SECURING ANY AREA REQUIRED FOR STORAGE OF MATERIALS AND EQUIPMENT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE CLEAN UP AND ANY AND ALL REPAIRS TO THIS AREA AS A RESULT OF HIS WORK OR THE WORK OF ANY OF HIS SUBCONTRACTORS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING, AT HIS OWN EXPENSE, ANY AND ALL CONSTRUCTION THAT IS DAMAGED BY HIS WORK OR ANY SUB CONTRACTORS WORK. THE NEW REPAIR OR REPLACEMENT WORK SHALL BE DONE TO THE OWNER'S SATISFACTION, OR THE OWNER SHALL HAVE THE RIGHT TO REPAIR OR REPLACE DAMAGED CONSTRUCTION ON HIS OWN AT THE CONTRACTOR'S EXPENSE.
- NO HAZARDOUS OR FLAMMABLE MATERIALS ARE TO BE STORED AT THE JOB SITE AT ANY TIME. SUCH MATERIALS WHEN REQUIRED BY THE CONSTRUCTION SHALL BE ALLOWED ON THE SITE ON DAILY BASIS ONLY.
- SMOKING WITHIN THE ENCLOSED BUILDING IS STRICTLY PROHIBITED. SMOKING WILL NOT BE ALLOWED ON CAMPUS IN ANY LOCATION.
- PROVIDE SUFFICIENT WASTE RECEPTACLES EQUIPPED WITH HEAVY DUTY PLASTIC BAGS FOR TRASH AS A RESULT OF EATING ACTIVITIES. REMOVE TRASH DAILY AND DISPOSED OF IN THE CONTRACTOR PROVIDED TRASH DUMPSTER.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN CONDITION THROUGHOUT THE CONSTRUCTION PERIOD. FAILURE OF THE CONTRACTOR TO MAINTAIN THE SITE IN A CLEAN CONDITION SHALL BE CAUSE FOR THE OWNER TO PERFORM SUCH CLEANING, THE COST OF WHICH SHALL BE DEDUCTED FROM THE CONTRACTOR'S PAYMENT REQUEST.
- THE CONTRACTOR IS TO MAINTAIN A SAFE PATH OF EGRESS FOR ALL FACILITY OCCUPANTS DURING ALL PHASES OF CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND ALL SUBCONTRACTORS TO USE FIRE RATED CAULKING AT ALL PENETRATIONS (FROM CONDUIT, PLUMBING PIPING, DUCTWORK, ETC) THROUGH RATED WALLS.

CONSTRUCTION NOTES

- ALL DIMENSIONS INDICATED ON FLOOR PLAN THAT LOCATE METAL STUD WALLS ARE TO FACE OF STUDS UNLESS NOTED OTHERWISE.
 - SIZE OF ALL EXTERIOR METAL STUD WALLS SHALL BE 6" AT 16" O.C. UNLESS NOTED OTHERWISE.
 - SIZE OF ALL INTERIOR METAL STUD WALLS SHALL BE 3 5/8" AT 16" O.C. UNLESS NOTED OTHERWISE. PLUMBING WALL STUDS SHALL BE 8" IN SIZE, UNLESS NOTED OTHERWISE.
- WALLS AND PARTITIONS**
- ALL 2 HOUR SEPARATION WALLS SHALL GO FROM FLOOR TO UNDERSIDE OF ROOF DECK UNLESS NOTED OTHERWISE. SEE PARTITION TYPES.
 - ALL 1 HOUR FIRE RATED WALLS SHALL GO FROM FLOOR TO UNDERSIDE OF ROOF DECK UNLESS NOTED OTHERWISE. SEE PARTITION TYPES.
 - NON-FIRE RATED WALLS SHALL GO FROM FLOOR TO 6" ABOVE CEILING UNLESS OTHERWISE NOTED. ALL WALLS THAT DO NOT EXTEND TO THE UNDERSIDE OF STRUCTURE SHALL BE BRACED TO STRUCTURE ABOVE BY MEANS OF DIAGONAL BRACING: 3 5/8" METAL STUDS AT 4'-0" O.C. (ALTERNATE BRACING DIRECTION EVERY 4'-0").
- INSULATION:**
- TEMPERATURE CONTROL
- INSTALL THERMAL INSULATION AT ALL EXTERIOR METAL STUD WALLS AND ROOF AREAS.
 - INSTALL POULTRY NETTING FOR SUSPENDED THERMAL INSULATION AT ROOF AREAS OF BUILDING WHERE REQUIRED.
- ACOUSTICAL CONTROL
- INSTALL SOUND ATTENUATION BATTS AT ALL INTERIOR PARTITIONS UNLESS NOTED OTHERWISE. REFER TO PLANS AND BUILDING SECTIONS FOR LOCATIONS AND EXTENTS OF SOUND ATTENUATION BATTS INSTALLED IN CEILING AREAS.

SYMBOLS:



FINISH CODE LEGEND:

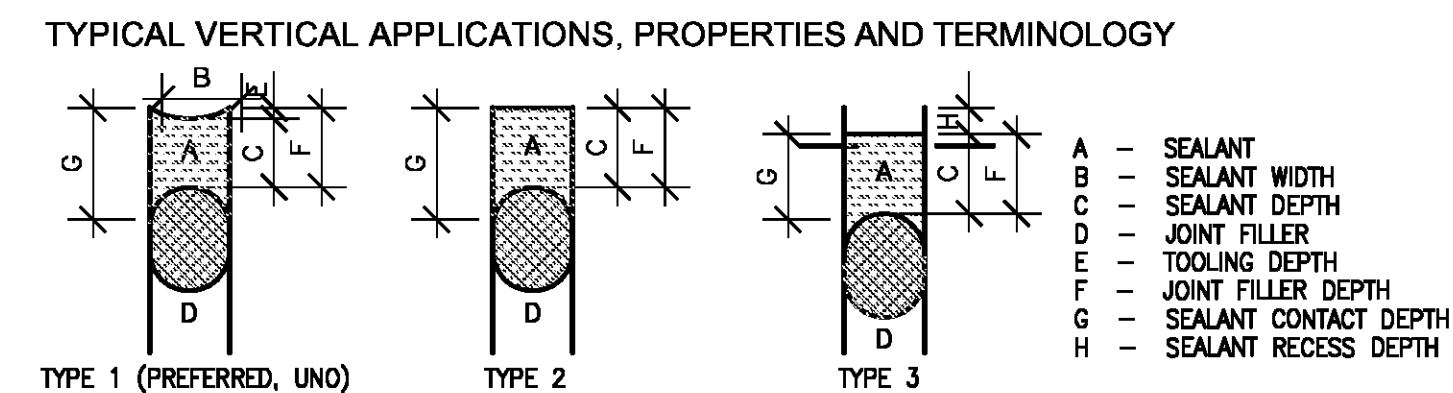
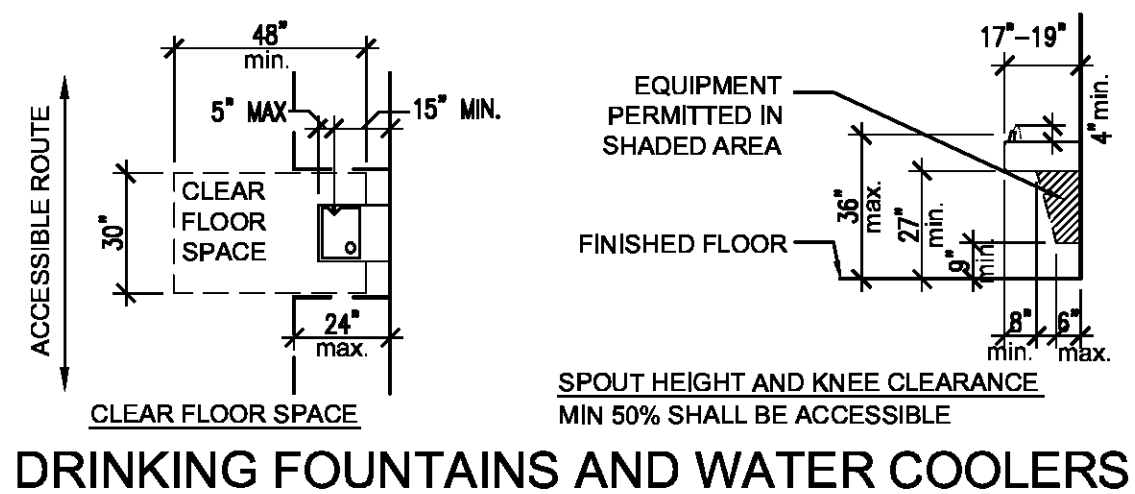
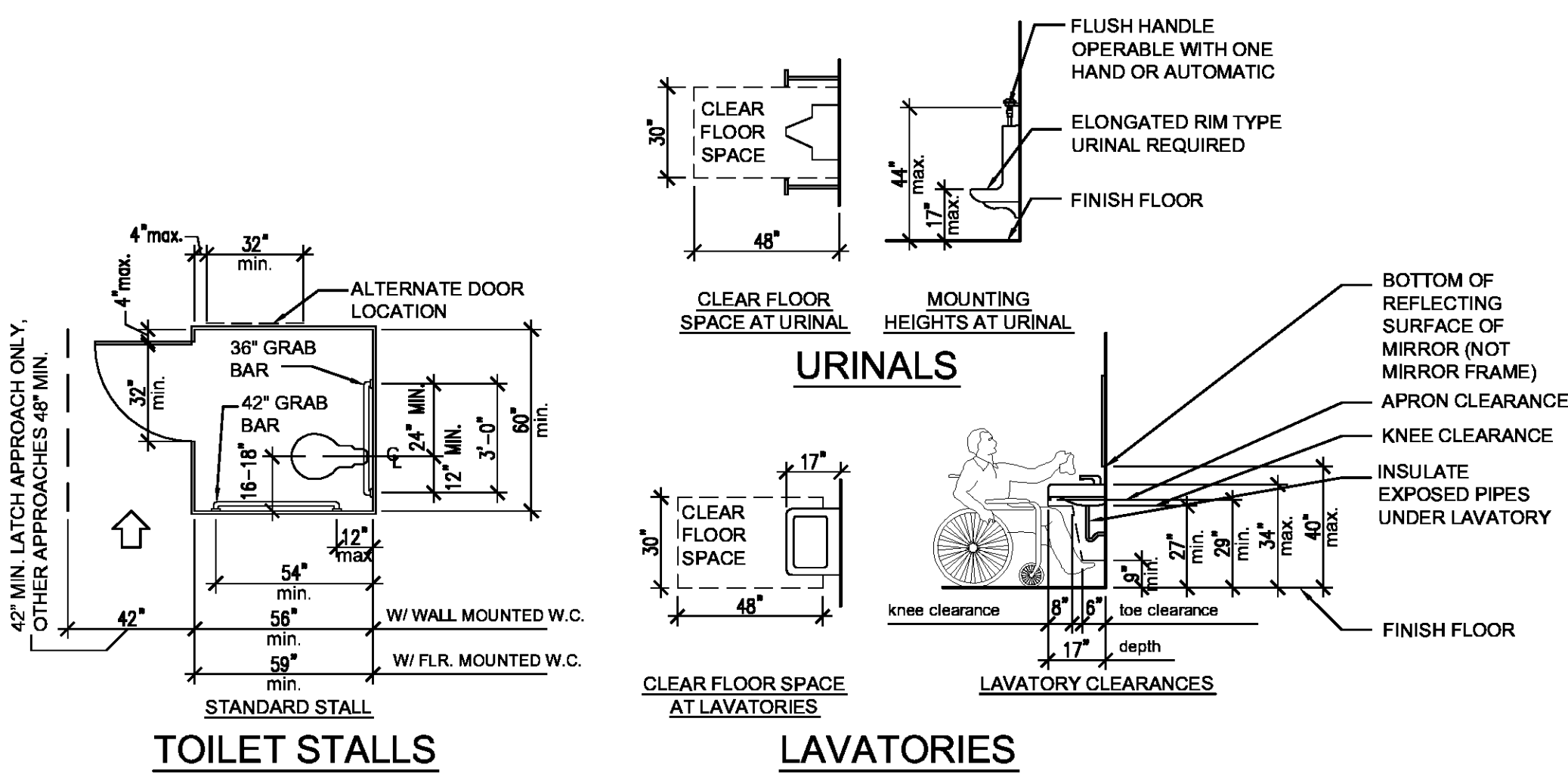
- (P-1A) CODE REPRESENTING CEILINGS, SOFFITS, FASCIAS, COLUMNS (PAINT)
- (XX) CODE REPRESENTING ACCENT WALL LOCATION
- (XX) CODE REPRESENTING DOOR FRAMES, WINDOW FRAMES (NON-TYPICAL)
- (VCT-3) CODE REPRESENTING FLOOR PATTERN COLOR LOCATION

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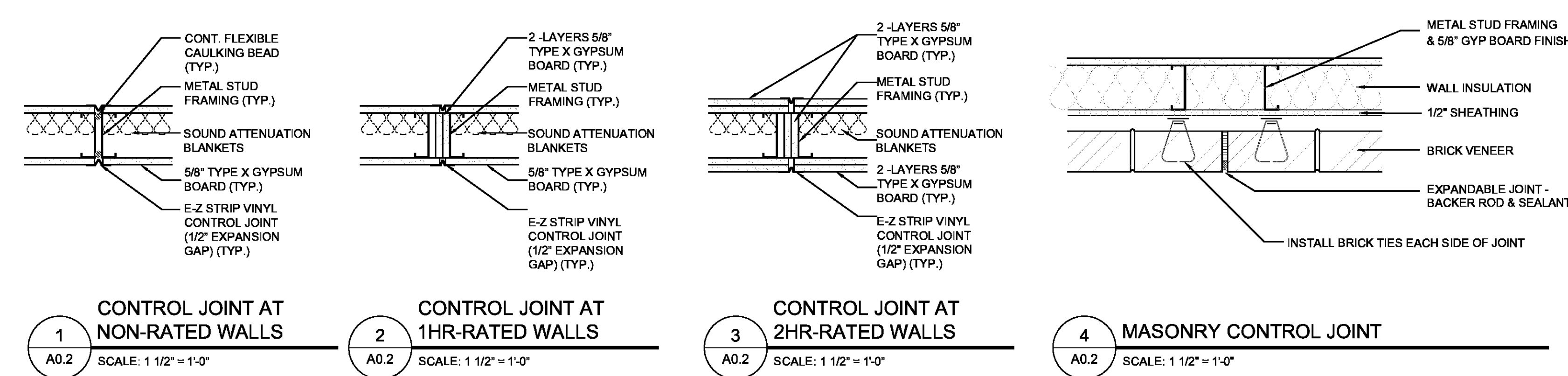
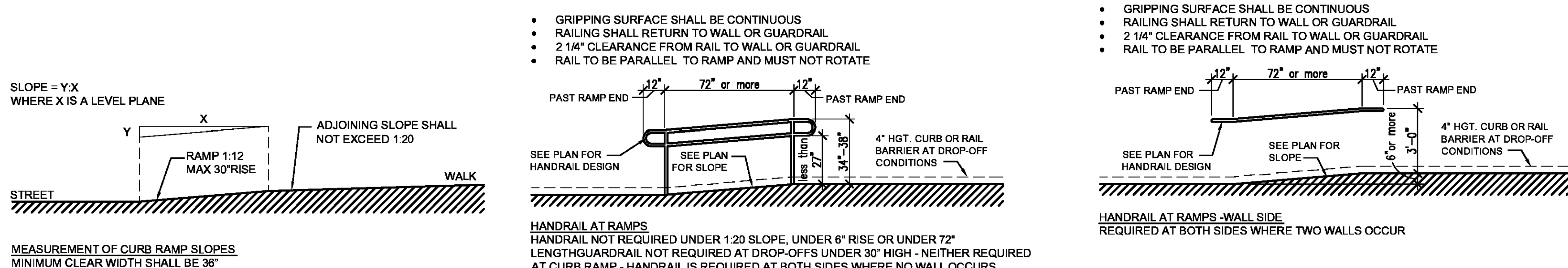
PROJECT DESCRIPTION
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

1358 CORPORATE SQUARE
 PO BOX 1149
 SLIDELL, LA 70458

ADULT ACCESSIBILITY REQUIREMENTS



ACCESSIBILITY



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Issue	Date	Remark

SYMBOLS
 GENERAL NOTES
 CONSTRUCTION NOTES
 ACCESSIBILITY REQUIREMENTS
 DETAILS

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

A0.2

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NFPA 101 - 2009 EDITION

GENERAL NOTE: SEPARATED OCCUPANCIES, LODGING AND STORAGE, SEPARATED BY 2 HOUR FIRE RESISTIVE ASSEMBLY PER TABLE 6.1.14.4.1(b); STORAGE AND BUSINESS, SEPARATED BY 2 HOUR FIRE RESISTIVE ASSEMBLY PER TABLE 6.1.14.4.1(b)

OCCUPANCY: LODGING - CHAPTER 26 (6.1.8.1.2)

OCCUPANT LOAD (26.1.1.1): SLEEPING ACCOMMODATIONS FOR 16 PERSONS OR FEWER

- CLASSIFICATION OF HAZARD OF CONTENTS (26.1.5): ORDINARY IN ACCORDANCE WITH 6.2.2
- MINIMUM CONSTRUCTION REQUIREMENTS (26.1.6): NO SPECIAL REQUIREMENTS; CONSTRUCTION TYPE: V(000)
- SECONDARY MEANS OF ESCAPE (26.2.1.2/26.2.1.3): NOT REQUIRED, DOOR LEADING DIRECTLY TO EXTERIOR, TRAVEL DISTANCE LESS THAN 75 FT, AREA LESS THAN 2,000 SQ FT.
- DOORS IN MEANS OF ESCAPE (26.2.3.1): NOT LESS THAN 28" WIDE
 - BATHROOM DOORS (26.2.3.2): NOT LESS THAN 24" WIDE
- MINIMUM NUMBER OF EXITS (7.4.1.1): SINGLE EXIT PERMITTED PER 26.2.1.3
- INTERIOR WALL AND CEILING FINISH (26.3.3.2): COMPLY WITH SECTION 10.2; CLASS A, CLASS B, OR CLASS C
- INTERIOR FLOOR FINISH (26.3.3.3): COMPLY WITH SECTION 10.2
- DETECTION/ALARM/COMMUNICATION SYSTEM (26.3.4): REQUIRED IN ACCORDANCE WITH SECTION 9.6
- SMOKE ALARMS (26.3.4.5): REQUIRED IN EVERY SLEEPING ROOM
- SEPARATION OF SLEEPING ROOMS (26.3.5): SEPARATE FROM ESCAPE ROUTE CORRIDORS BY SMOKE PARTITIONS IN ACCORDANCE WITH SECTION 8.4
- EXTINGUISHMENT REQUIREMENTS (26.3.6.2): NOT REQUIRED. DOOR LEADS DIRECTLY TO EXTERIOR.

OCCUPANCY: STORAGE - CHAPTER 42 (6.1.13)

- CLASSIFICATION OF HAZARD OF CONTENTS (42.1.5): ORDINARY IN ACCORDANCE WITH 6.2
- MINIMUM CONSTRUCTION REQUIREMENTS (42.1.6): NO REQUIREMENTS
- OCCUPANT LOAD (42.1.7): NOT APPLICABLE
- NUMBER OF MEANS OF EGRESS (42.2.4): SEE SECTION 7.4
 - 42.2.4.1(2) ORDINARY HAZARD STORAGE OCCUPANCIES, SINGLE MEANS OF EGRESS PERMITTED IF REACHABLE WITHIN COMMON PATH OF TRAVEL DISTANCE
 - BUILDINGS NOT COMPLYING WITH 42.2.4.1(2): 2 REMOTELY LOCATED EXITS
- ARRANGEMENT OF MEANS OF EGRESS (TABLE 42.2.5, ORDINARY HAZARD, NON-SPRINKLERED):
 - DEAD-END CORRIDOR: 50'-0" MAXIMUM
 - COMMON PATH OF TRAVEL: 50'-0" MAXIMUM
- MAXIMUM TRAVEL DISTANCE TO EXITS (TABLE 42.2.6, ORDINARY HAZARD, NON-SPRINKLERED): 200'-0"
- EMERGENCY LIGHTING (42.2.9): REQUIRED, IN ACCORDANCE WITH SECTION 7.9
- MARKING OF MEANS OF EGRESS (42.2.10): REQUIRED, IN ACCORDANCE WITH SECTION 7.10
- INTERIOR WALL AND CEILING FINISH (42.3.3.2): COMPLY WITH SECTION 10.2; CLASS A, CLASS B, OR CLASS C IN STORAGE AREAS, COMPLY WITH 7.1.4 FOR EXIT ENCLOSURES
- INTERIOR FLOOR FINISH (42.3.3.3): NOT LESS THAN CLASS II
- DETECTION/ALARM/COMMUNICATION SYSTEM (42.3.4): NOT REQUIRED FOR ORDINARY HAZARD CONTENTS, AGGREGATE FLOOR AREA LESS THAN 100,000 SF PER 42.3.4.1.2
- EXTINGUISHMENT REQUIREMENTS (42.3.5): NOT REQUIRED

AREA CALCULATION

FIRST FLOOR LODGING:	739 SF
FIRST FLOOR STORAGE:	3,604 SF
FIRST FLOOR UNDER BEAM:	4,343 SF

LEGEND

- 2 HOUR FIRE RATED WALL CONSTRUCTION RE: PARTITION WALL TYPES
- FE ● SURFACE MOUNT FIRE EXTINGUISHER CABINET
- FEC □ FIRE EXTINGUISHER CABINET - SEMI-RECESSED
- COMMON PATH OF TRAVEL (CPT)
- TRAVEL DISTANCE TO EXIT (TD)
- TERMINATION OF COMMON PATH OF TRAVEL
- EX ⊙ EXIT LIGHT SIGN (SEE ELECTRICAL ALSO)

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OCCUPANCY: RESIDENTIAL GROUP R-3 (SECTION 310) STORAGE S-1

HEIGHT AND AREA LIMITATIONS (TABLE 503) BASED ON S-1:

- CONSTRUCTION TYPE V B
- MAXIMUM HEIGHT = 55'-0"
- MAXIMUM STORIES = 1
- MAXIMUM AREA PER STORY = 9,000 SF

FIRE RESISTANT RATINGS (TABLE 601):

- STRUCTURAL FRAME: 0
- BEARING WALLS INTERIOR/EXTERIOR: 0
- NONBEARING WALLS AND PARTITIONS EXTERIOR: 0
- NONBEARING WALLS AND PARTITIONS INTERIOR: 0
- FLOOR CONSTRUCTION: 0
- ROOF CONSTRUCTION: 0

INTERIOR WALL AND CEILING FINISH REQUIREMENTS (TABLE 803.9 SPRINKLED R-3):

- EXIT ENCLOSURES AND EXIT PASSAGEWAYS: C
- CORRIDORS: C
- ROOMS AND ENCLOSED SPACES: C

INTERIOR WALL AND CEILING FINISH REQUIREMENTS (TABLE 803.9 NON-SPRINKLED S-1):

- EXIT ENCLOSURES AND EXIT PASSAGEWAYS: B
- CORRIDORS: B
- ROOMS AND ENCLOSED SPACES: C

AUTOMATIC SPRINKLER GROUP R (903.2.8):

REQUIRED. RESIDENTIAL SPRINKLER SYSTEM ALLOWED TO CONNECT TO DOMESTIC WATER SYSTEM.

OCCUPANT LOAD: RESIDENTIAL @ 1 PERSON/200 SF (TABLE 1004.1.1) 739 SF/200 = 4 PERSONS

CORRIDORS (1018):

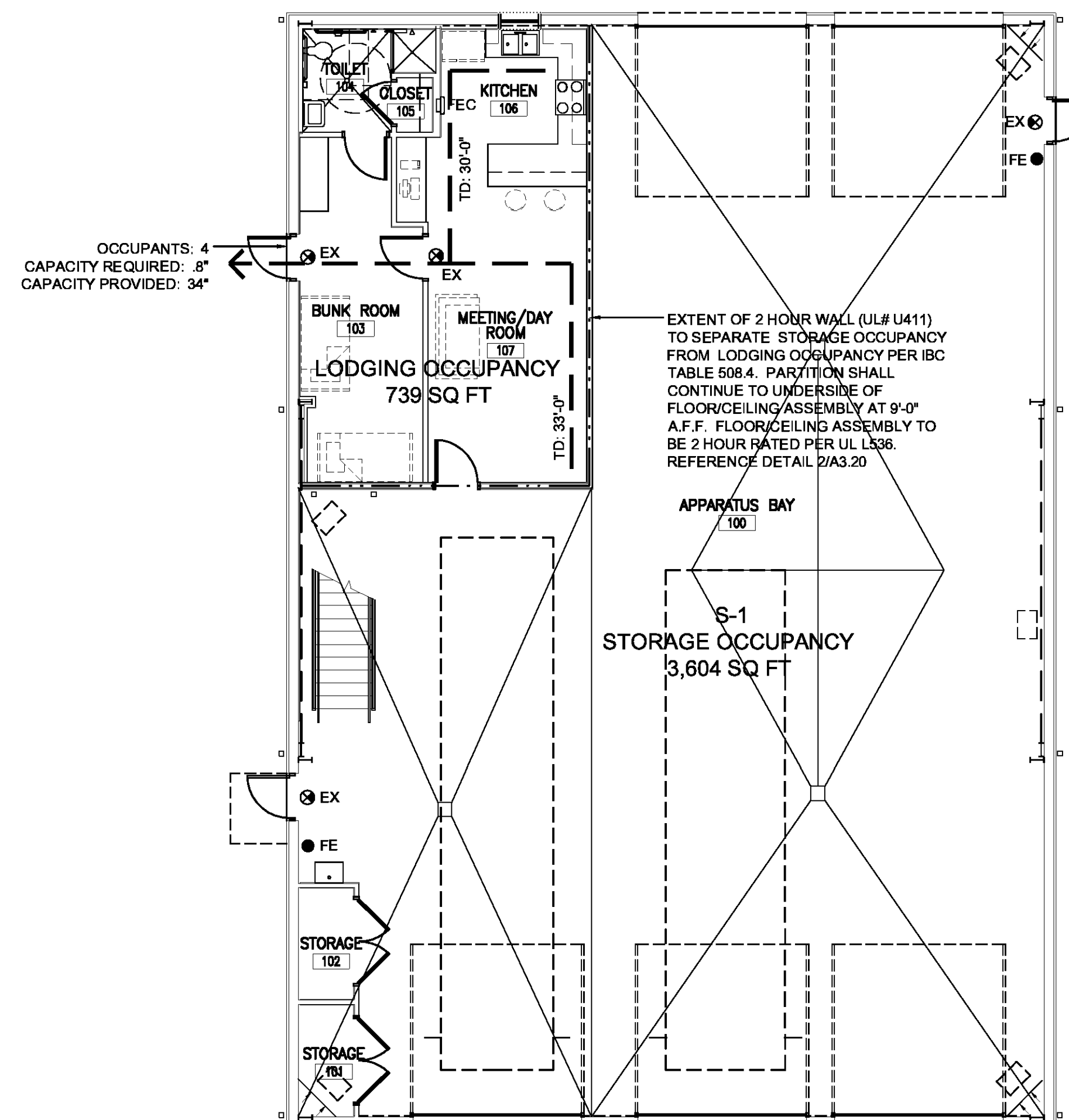
- CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH TABLE 1018.1 IN RESIDENTIAL OCCUPANCY, LESS THAN 10 OCCUPANTS, WITH SPRINKLER SYSTEM, 0.5 HOUR FIRE-RESISTANCE RATING REQUIRED (TABLE 1018.1)
- MINIMUM CORRIDOR WIDTH: 36" (1018.2 EXCEPTIONS 2 AND/OR 3)

EXIT WIDTH

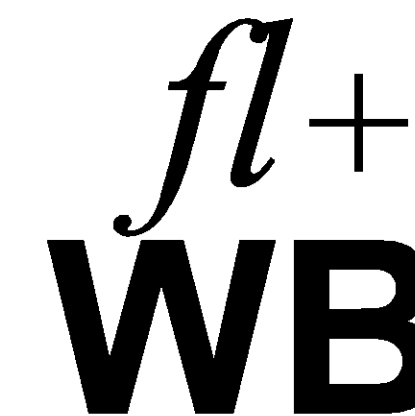
EXIT 1: 4 PERSONS X 0.2 IN/PERSON = .8" MIN. REQUIRED, 34" PROVIDED

NOTES

- EXIT DEVICES TO BE CENTERED OVER DOOR.
- SEE ELECTRICAL PLAN FOR ADDITIONAL LIFE SAFETY DEVICES.
- FIRE RESISTANCE RATED CONSTRUCTION TO EXTEND TO UNDERSIDE OF ROOF DECK
- NO SPRINKLER PROVIDED.
- FIRE ALARM AND DETECTION SYSTEM PROVIDED IN LODGING AREA ONLY



1 LIFE SAFETY PLAN
A0.3 SCALE: 1/8" = 1'-0"



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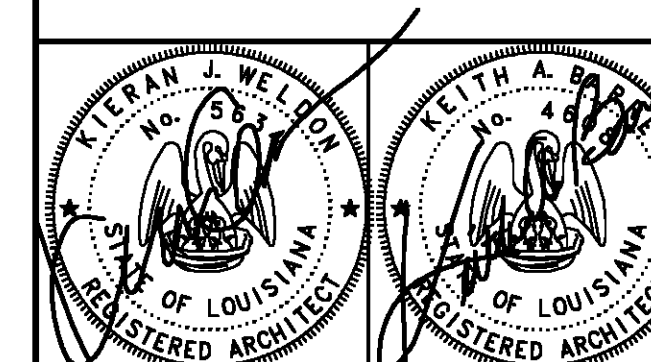
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PROJECT DESCRIPTION

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

34780 South Range Road
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LIFE SAFETY PLAN

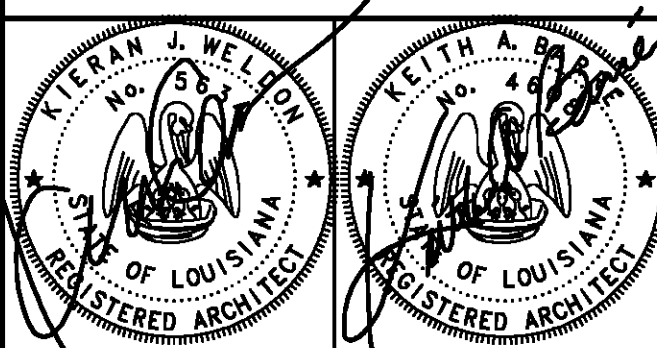
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Date	14 MARCH 2014		

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



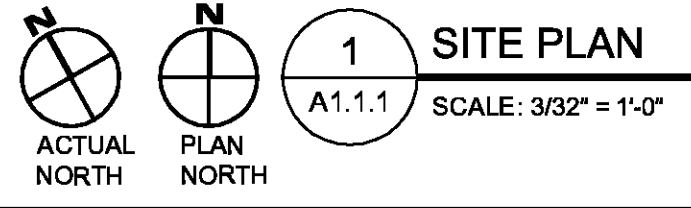
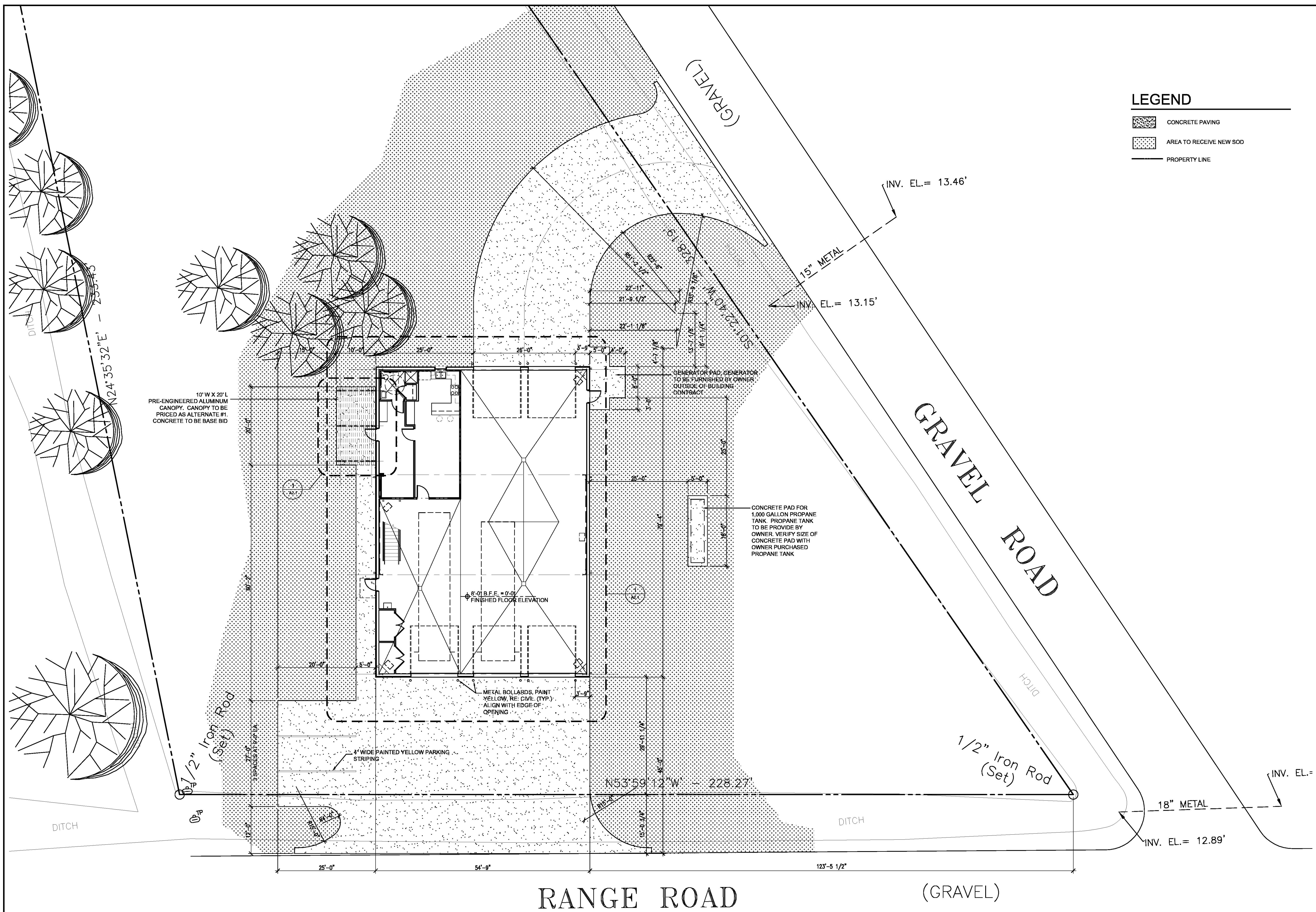
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Issue	Date	Remark

SITE PLAN

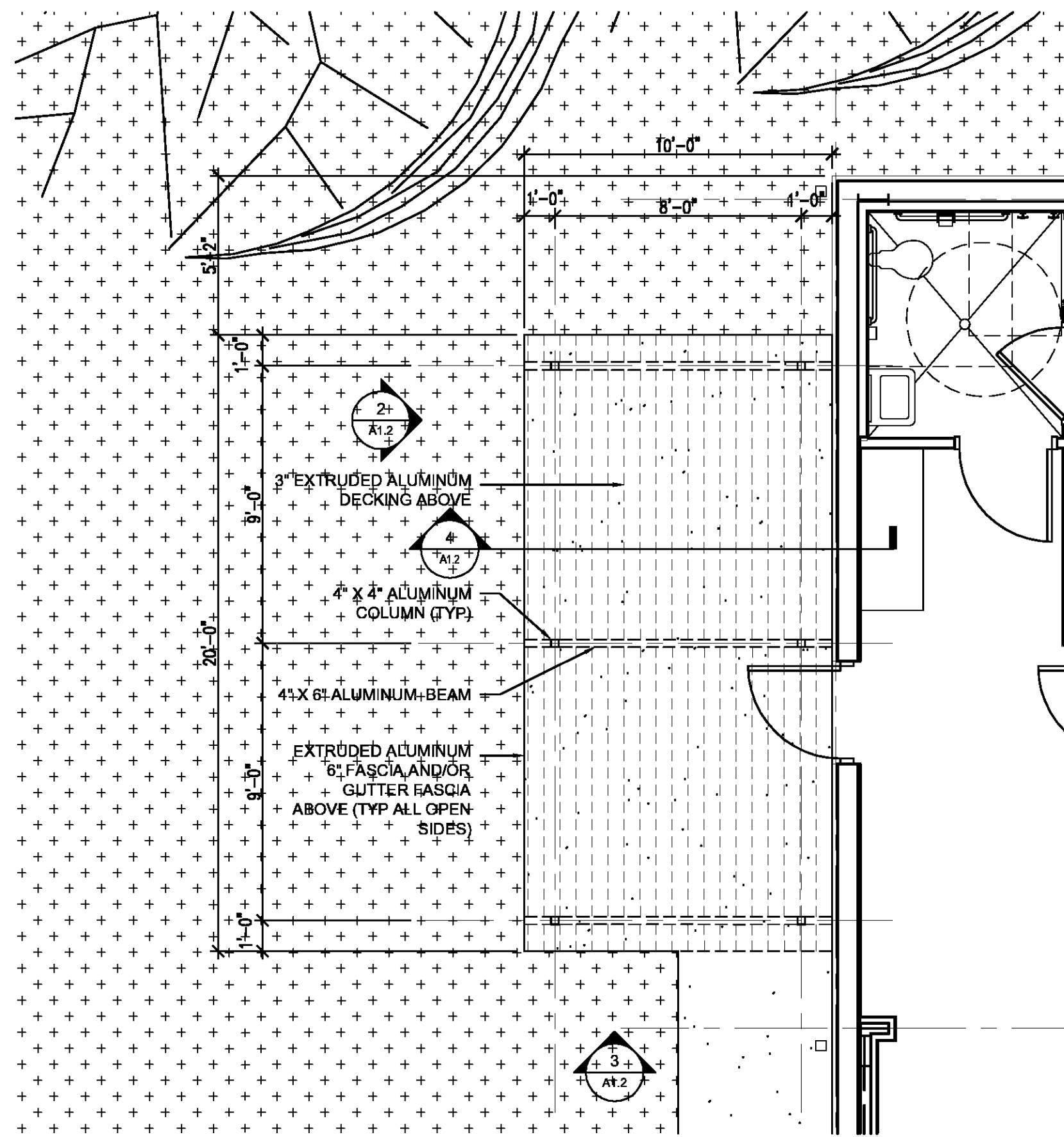
CONSTRUCTION DOCUMENTS

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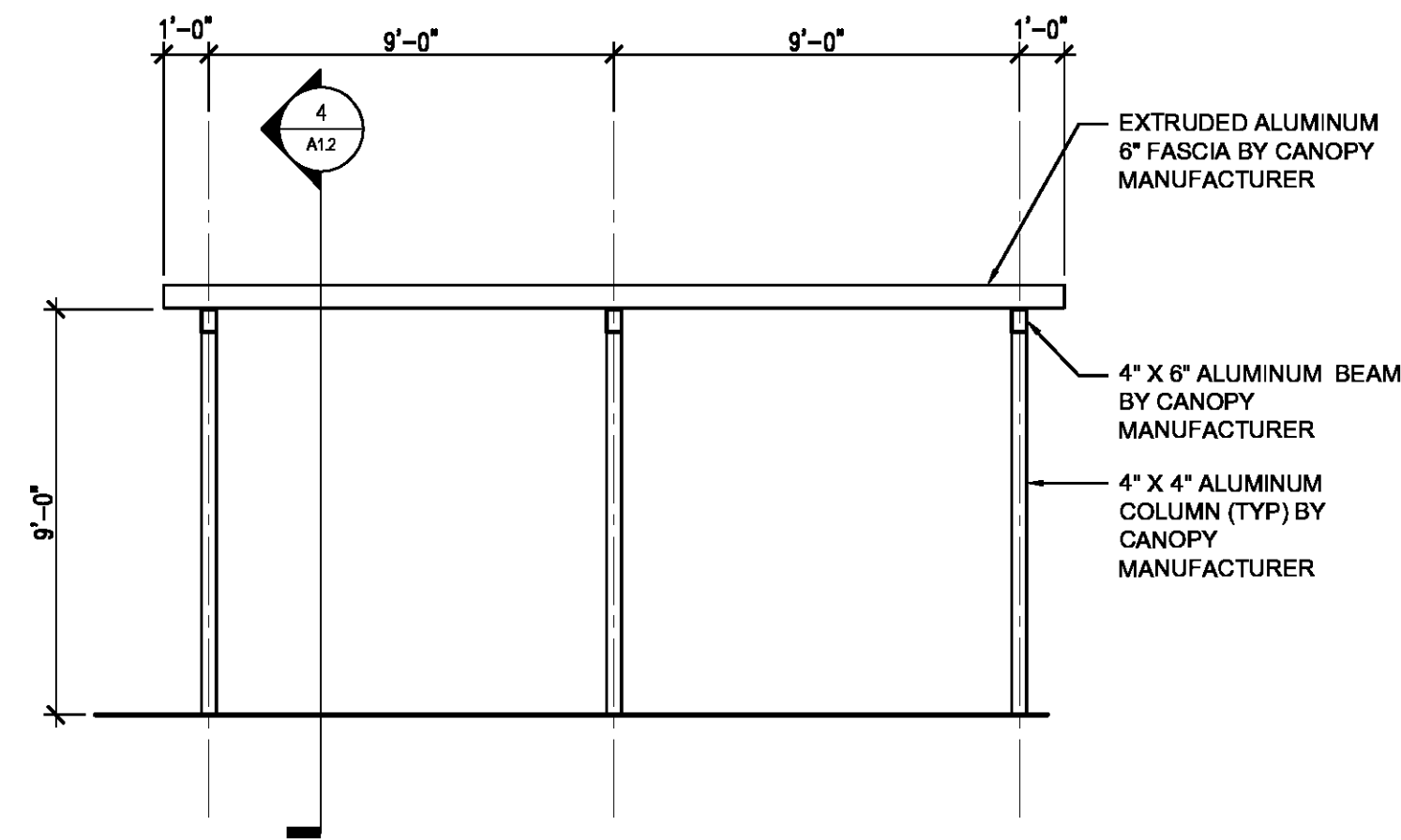


RANGE ROAD (GRAVEL)

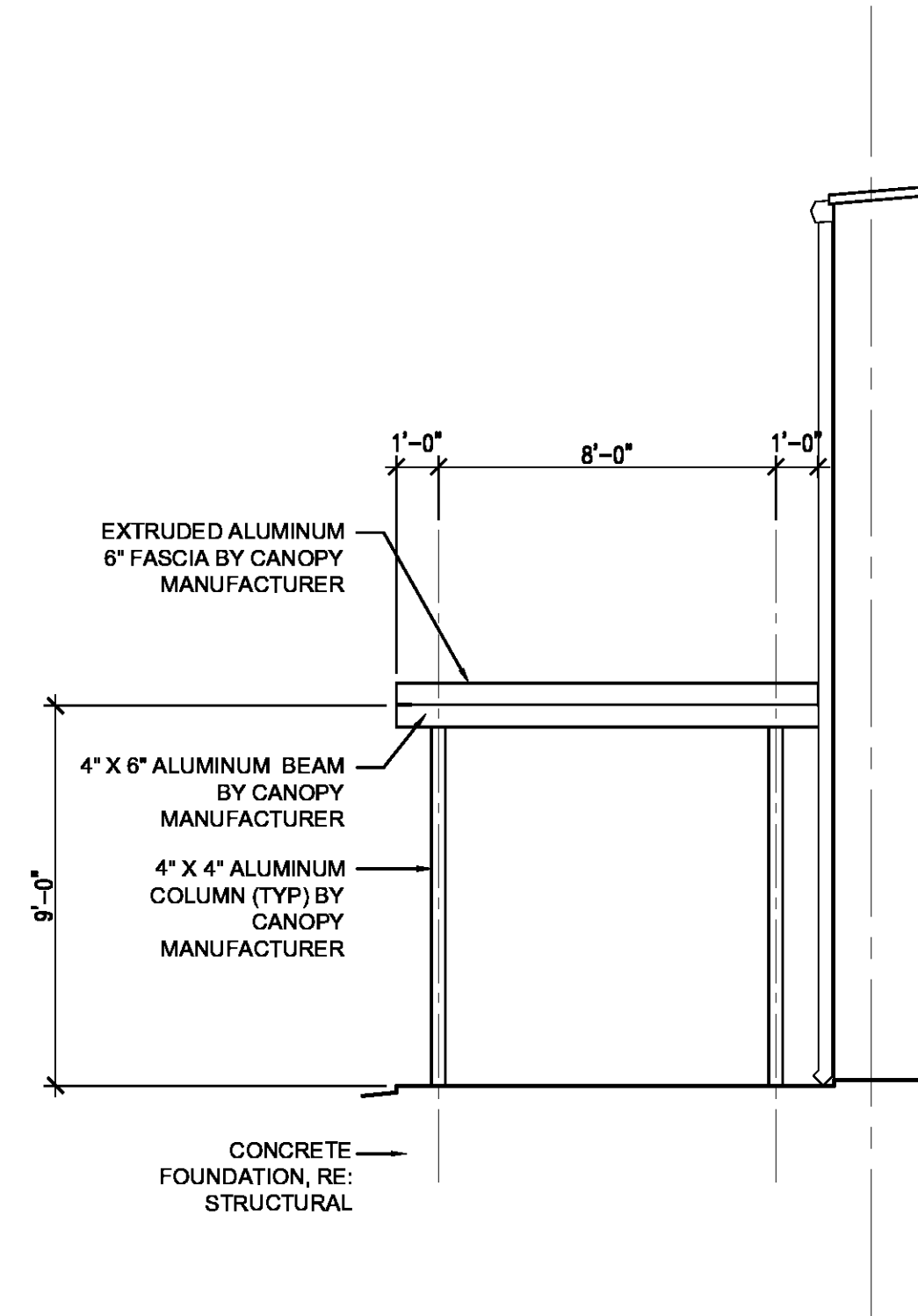
GRAVEL ROAD



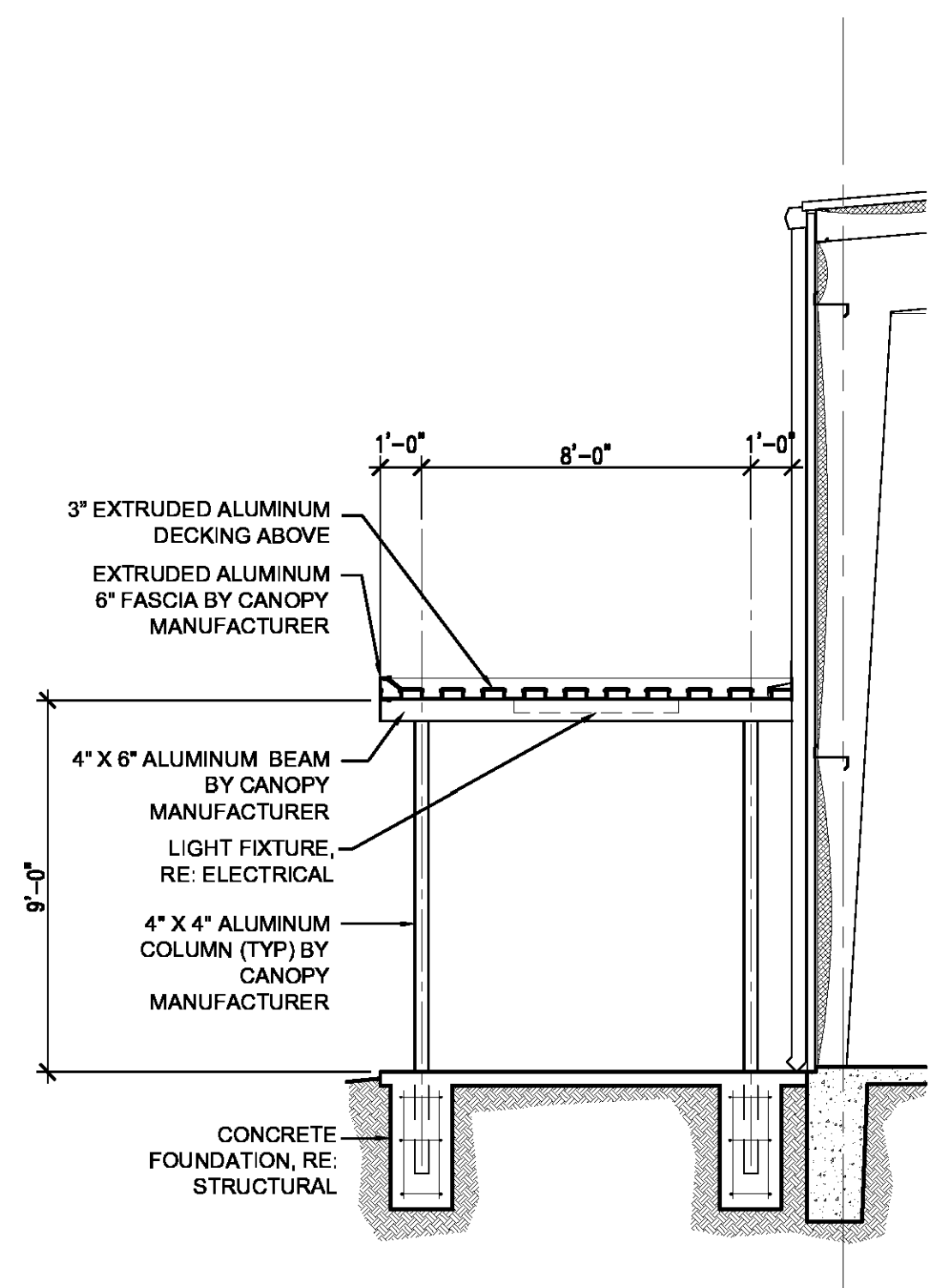
1 ENLARGED CANOPY PLAN
 A1.2 SCALE: 1/4" = 1'-0"
 PLAN NORTH



2 CANOPY ELEVATION
 A1.2 SCALE: 1/4" = 1'-0"



3 CANOPY SECTION
 A1.2 SCALE: 1/4" = 1'-0"

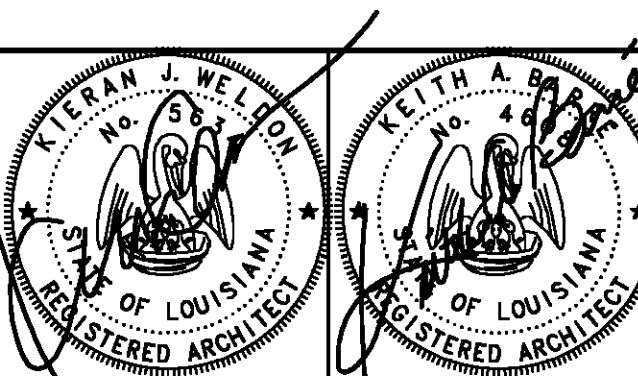


4 CANOPY SECTION
 A1.2 SCALE: 1/4" = 1'-0"

PROJECT DESCRIPTION

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 PROTECTION
 DISTRICT NO. 1
 MULTIPURPOSE
 BUILDING**

34780 South Range Road
 SLIDELL, LA 70460



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Issue	Date	Remark

CANOPY PLAN AND DETAILS

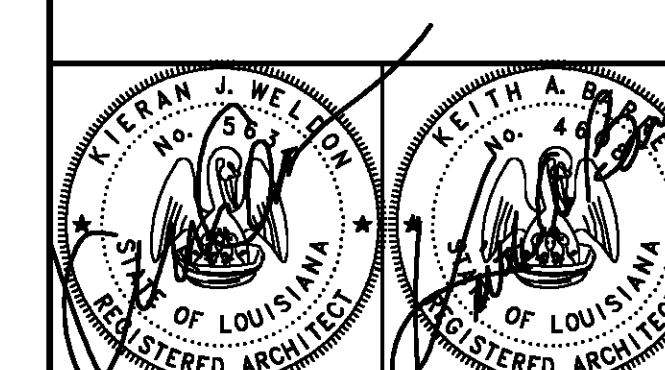
CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	A1.2
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



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Issue	Date	Remark

FLOOR PLAN

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	
Drawn by	BDS	A2.1	
Checked by	KW		
Date	14 MARCH 2014		

KEY NOTES

(PERTAINS TO THIS SHEET)

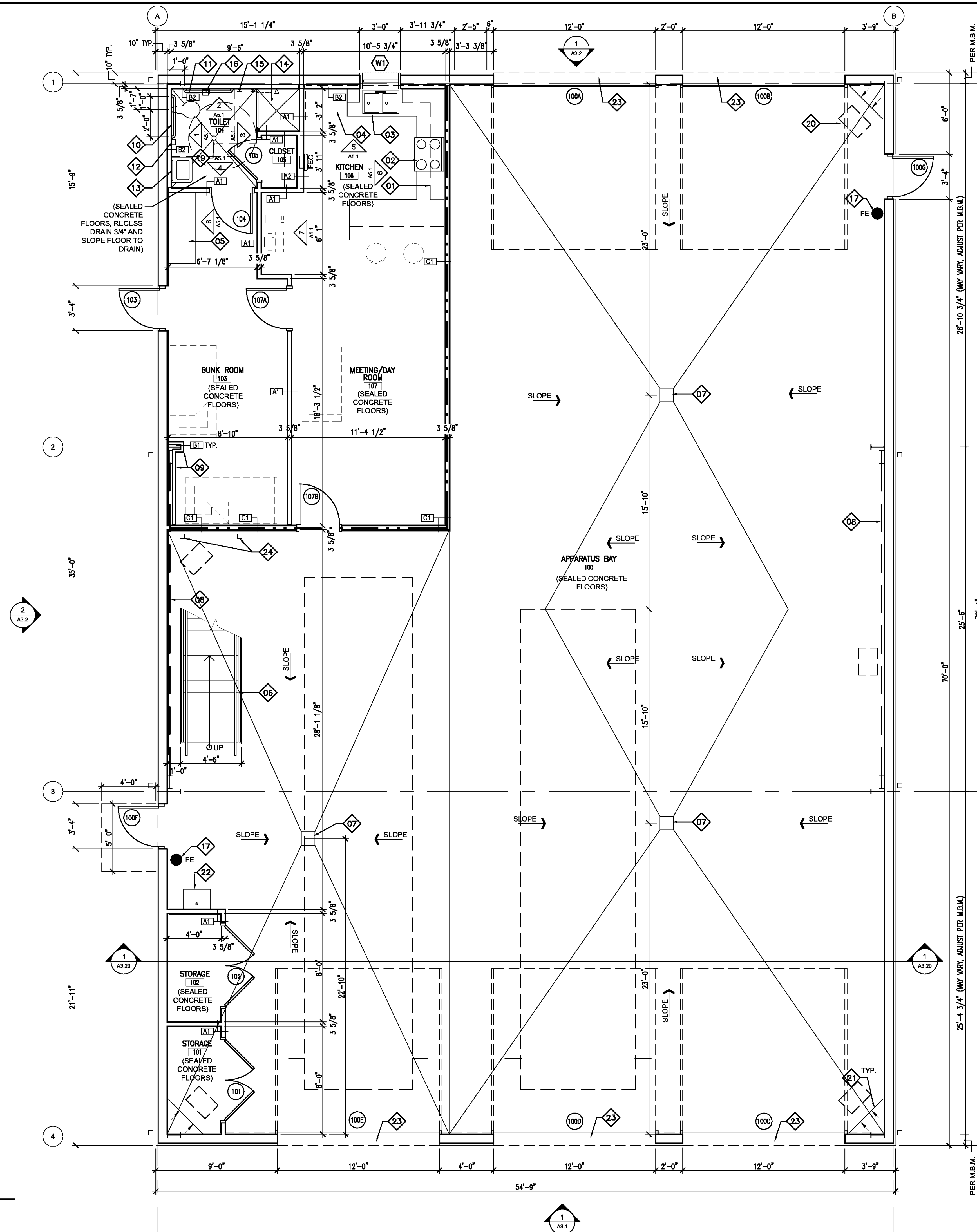
- 01 WALL & BASE CABINETS, SEE INTERIOR ELEVATIONS & MILLWORK DETAILS.
- 02 30" GAS RANGE
- 03 SINK, RE: PLUMBING
- 04 REFRIGERATOR
- 05 MILLWORK SHELVING UNIT, SEE INTERIOR ELEVATIONS & MILLWORK DETAILS
- 06 STEEL PAN STAIR WITH CONCRETE FILLED TREADS, 1 1/2" DIAM. GUARD RAIL AND HANDRAIL EACH SIDE. PAINT RAILINGS, GUARDS AND STRINGERS
- 07 FLOOR DRAIN CONNECTED TO OIL/GREASE SEPARATOR, RE: PLUMBING AND CIVIL
- 08 CROSS-BRACING PER METAL BUILDING MANUFACTURER REQUIREMENTS
- 09 2 1/2" METAL STUD FURRING WITH 1 LAYER OF 5/8" GYPSUM BOARD ONE SIDE. HOLD TIGHT TO STRUCTURAL FRAME
- 10 36" GRAB BAR
- 11 42" GRAB BAR
- 12 SOAP DISPENSER
- 13 MIRROR
- 14 36" X 36" SHOWER WITH SHOWER CURTAIN AND ROD. CONTROL SIDE AT EXTERIOR WALL, RE: PLUMBING
- 15 ROBE HOOK
- 16 TOILET TISSUE DISPENSER
- 17 SURFACE MOUNTED FIRE EXTINGUISHER
- 18 PRE-ENGINEERED METAL CANOPY ABOVE BY METAL BUILDING MANUFACTURER
- 19 FLOOR DRAIN, RE: PLUMBING
- 20 UNIT HEATER ABOVE, RE: MECHAICAL
- 21 SLOPE FLOOR AWAY FROM CORNER
- 22 SERVICE SINK, RE: PLUMBING
- 23 SLOPED SILL AT OVERHEAD DOORS
- 24 TUBE COLUMN TO SUPPORT STAIR BY STAIR MANUF.

LEGEND

- METAL STUDS
- FE □ FIRE EXTINGUISHER CABINET
- FE ● SURFACE MOUNT FIRE EXTINGUISHER CABINET
- - - 2 HOUR FIRE RATED WALL CONSTRUCTION RE: PARTITION WALL TYPES

GENERAL NOTES

1. TYPICAL INTERIOR METAL STUD CONSTRUCTION TO BE NON-RATED, 3 5/8" METAL STUDS AT 16" O.C. MAX WITH ONE LAYER OF 5/8" GYPSUM BOARD ON EACH SIDE WITH 3 1/2" BATT INSULATION TO 6" ABOVE HIGHEST ADJACENT CEILING. METAL STUD PARTITION MAY STOP 6" ABOVE HIGHEST ADJACENT CEILING AND BE BRACED BACK AT 45 DEGREE ANGLES AS REQUIRED TO UNDERSIDE OF STRUCTURE ABOVE. DRAPE INSULATION IN CEILING OVER TOP OF METAL STUD WALL FOR A DISTANCE OF 4'-0" ON EITHER SIDE.
2. METAL STUD WALLS INDICATED DO NOT INCLUDE GYPSUM BOARD. DIMENSIONS SHOWN ARE TO FACE OF METAL STUDS.
3. TYPICAL COLUMN FURRING IS 2 1/2" METAL STUDS AT 16" O.C. MAX WITH ONE LAYER OF 5/8" GYPSUM BOARD TO MATCH EXISTING.
4. GENERAL CONTRACTOR SHALL COORDINATE COLUMN LOCATIONS WITH EDGE OF SLAB AND METAL BUILDING MANUFACTURER



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

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460

KEY NOTES

(PERTAINS TO THIS SHEET)

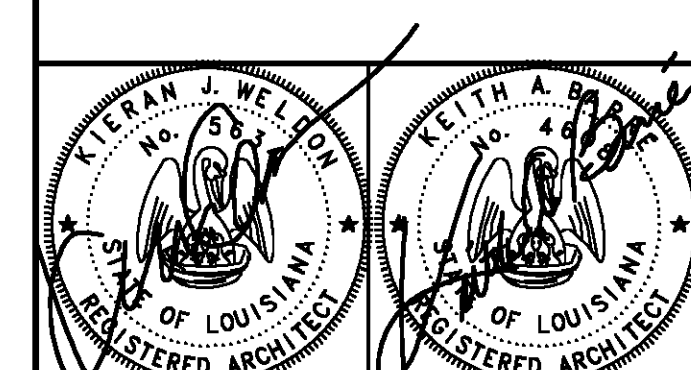
- 01 STEEL PAN STAIR WITH CONCRETE FILLED TREADS
- 02 1 1/2" DIAM. PAINTED STEEL POST GUARDRAIL WITH 1/2" SQ. PICKETS
- 03 1 1/2" DIAM. PAINTED STEEL HANDRAIL

LEGEND

- METAL STUDS
- FEC □ FIRE EXTINGUISHER CABINET
- FE ● SURFACE MOUNT FIRE EXTINGUISHER CABINET
- - - 2 HOUR FIRE RATED WALL CONSTRUCTION
RE: PARTITION WALL TYPES

GENERAL NOTES

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2. METAL STUD WALLS INDICATED DO NOT INCLUDE GYPSUM BOARD. DIMENSIONS SHOWN ARE TO FACE OF METAL STUDS.
3. TYPICAL COLUMN FURRING IS 2 1/2" METAL STUDS AT 16" O.C. MAX WITH ONE LAYER OF 5/8" GYPSUM BOARD TO MATCH EXISTING.



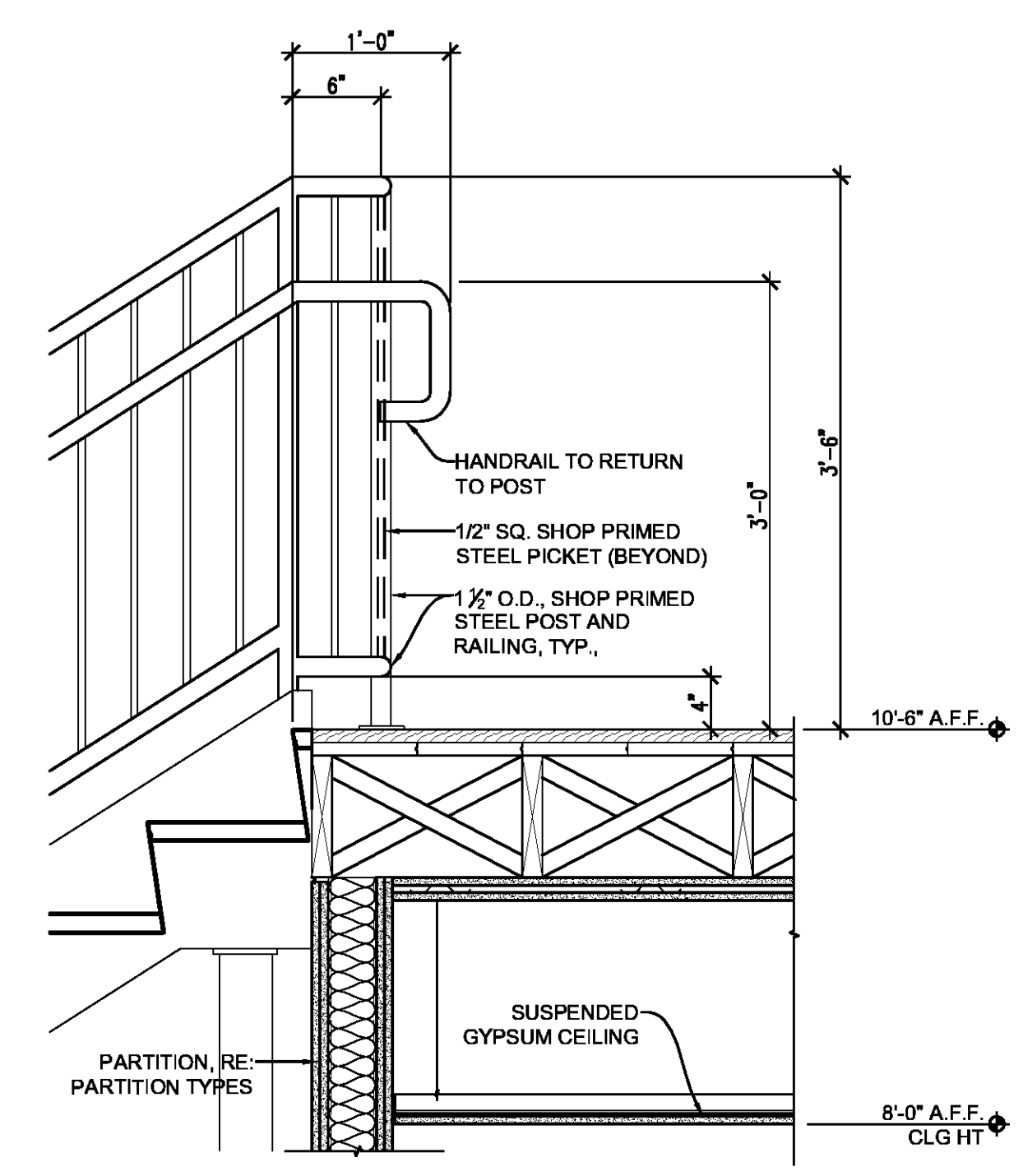
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Issue	Date	Remark

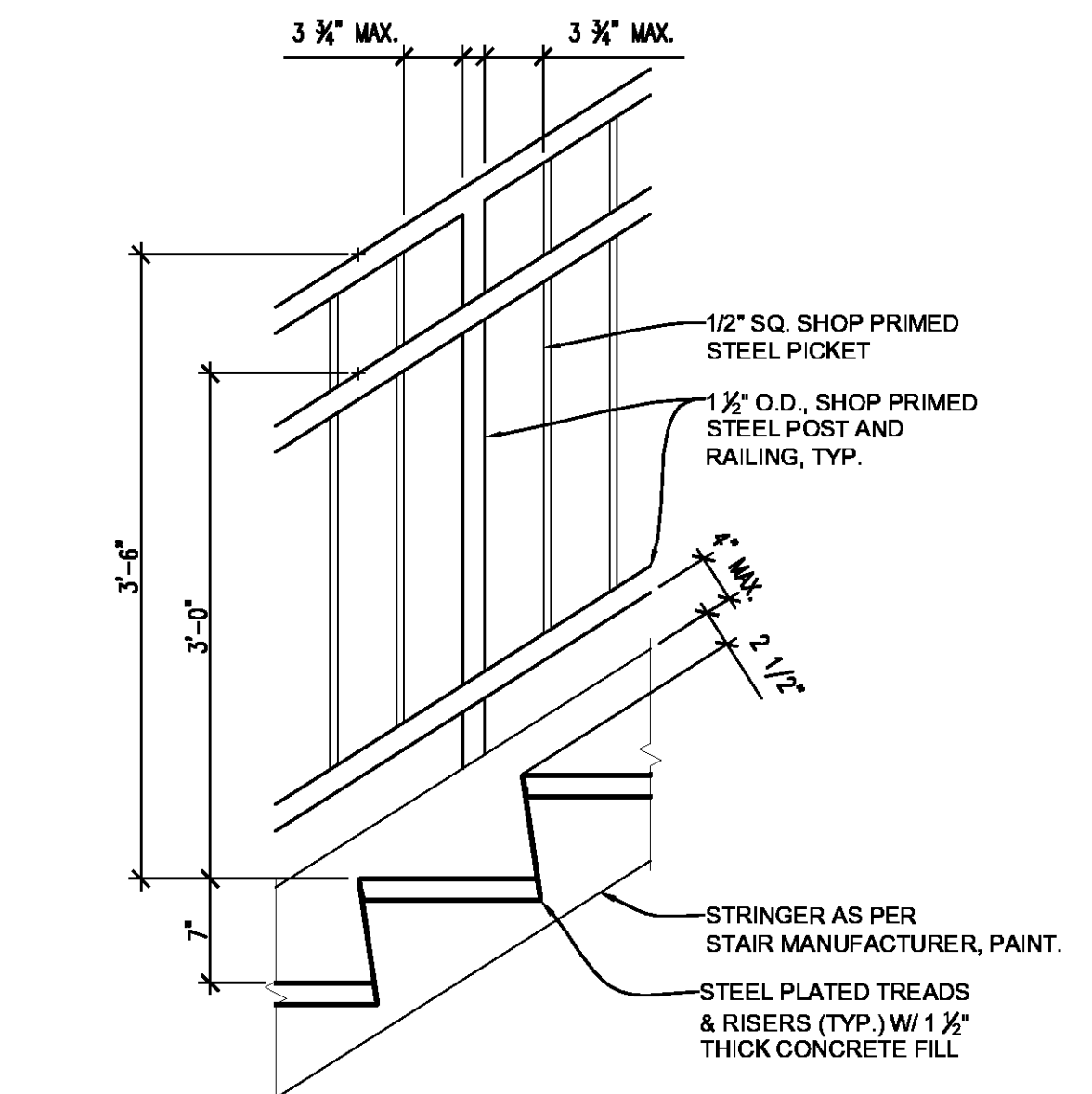
MEZANINE PLAN
STAIR DETAILS

CONSTRUCTION DOCUMENTS

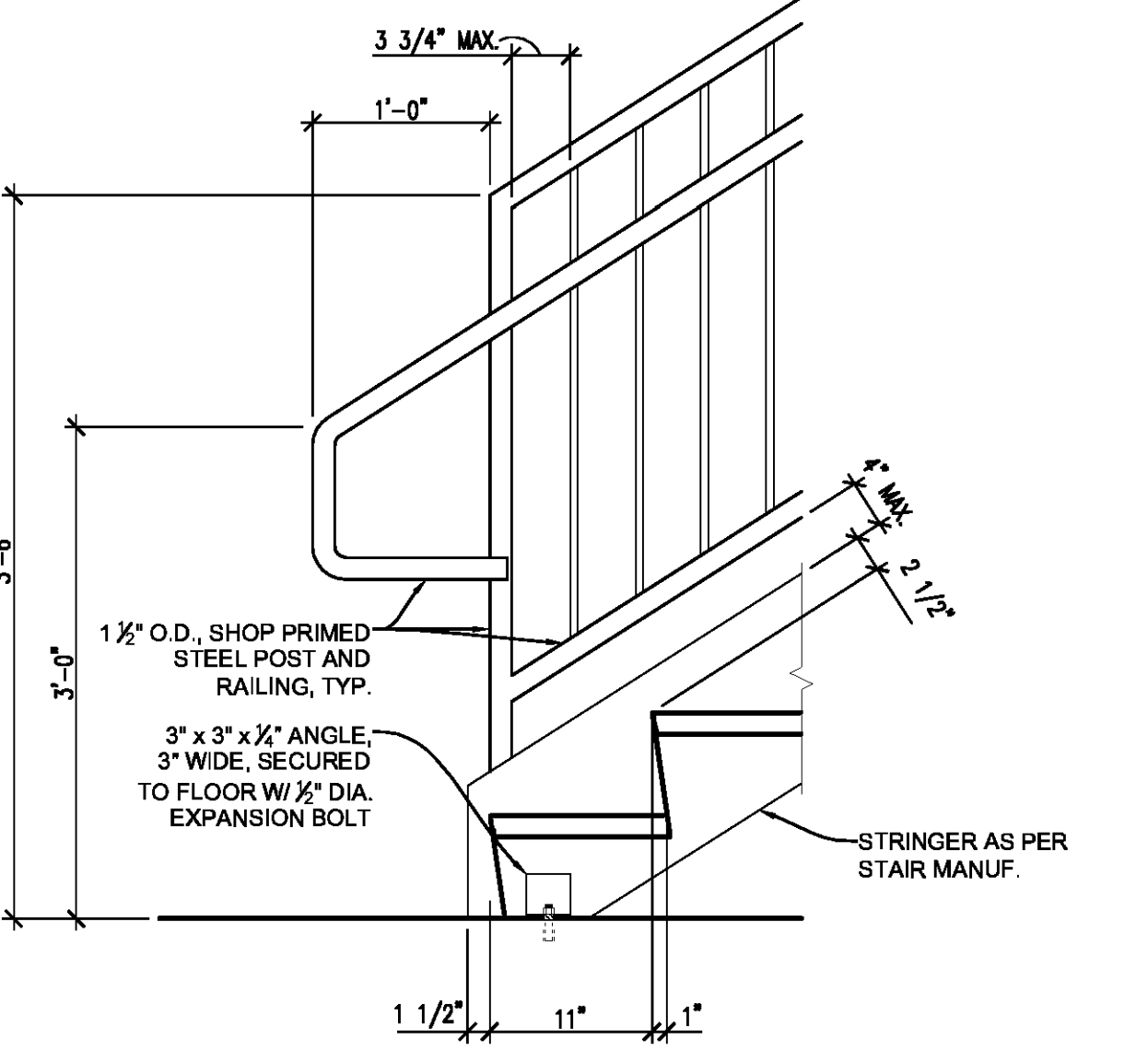
Job No	213058.02	Sheet No	A2.2
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		



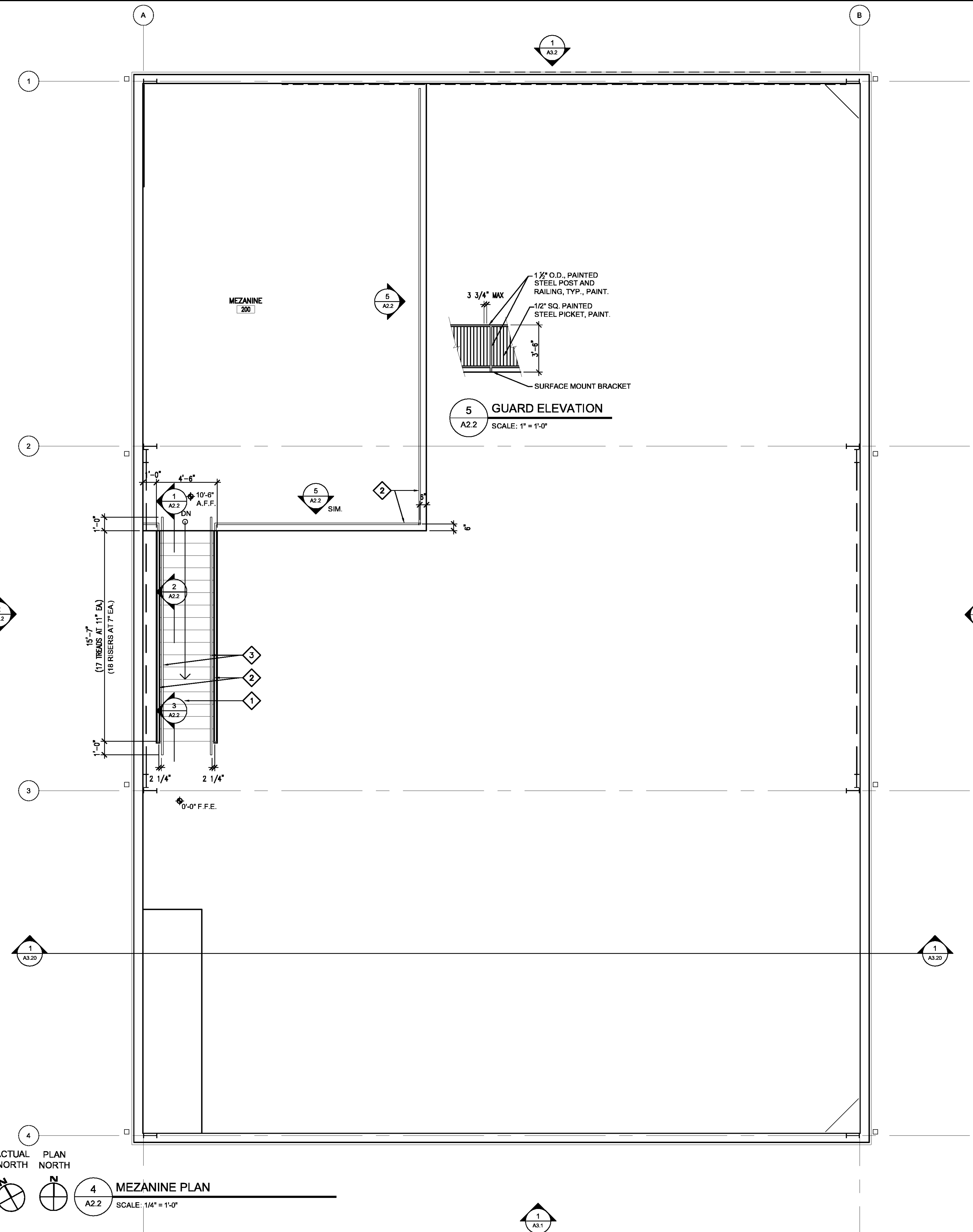
1 STAIR DETAIL
A2.2 SCALE: 1" = 1'-0"



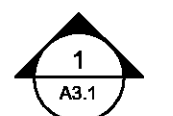
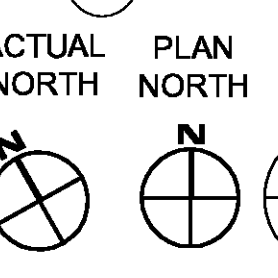
2 STAIR DETAIL
A2.2 SCALE: 1" = 1'-0"



3 STAIR DETAIL
A2.2 SCALE: 1" = 1'-0"



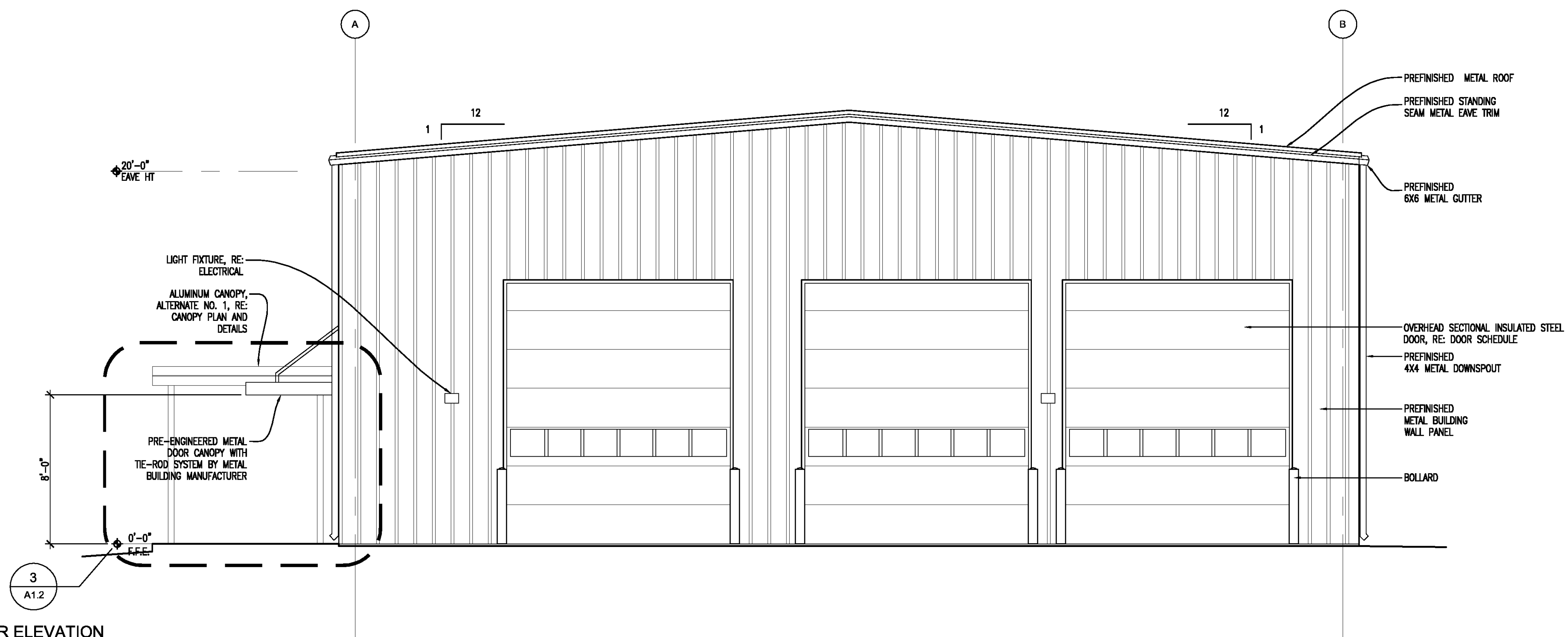
4 MEZANINE PLAN
A2.2 SCALE: 1/4" = 1'-0"



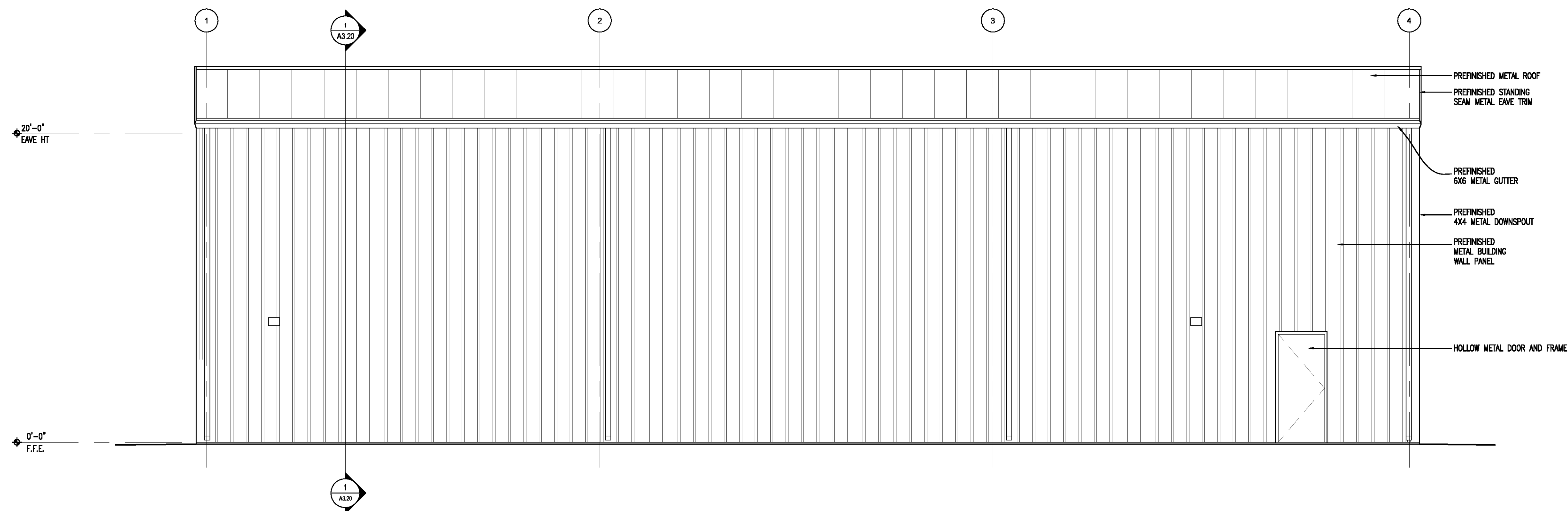
PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

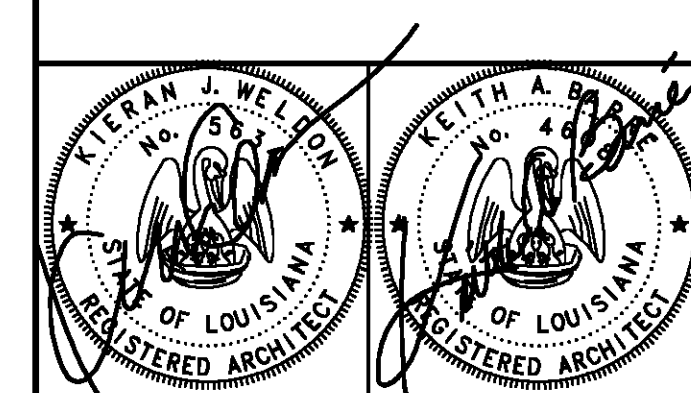
34780 South Range Road
SLIDELL, LA 70460



1 EXTERIOR ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION
A3.1 SCALE: 1/4" = 1'-0"



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Issue	Date	Remark

EXTERIOR ELEVATIONS

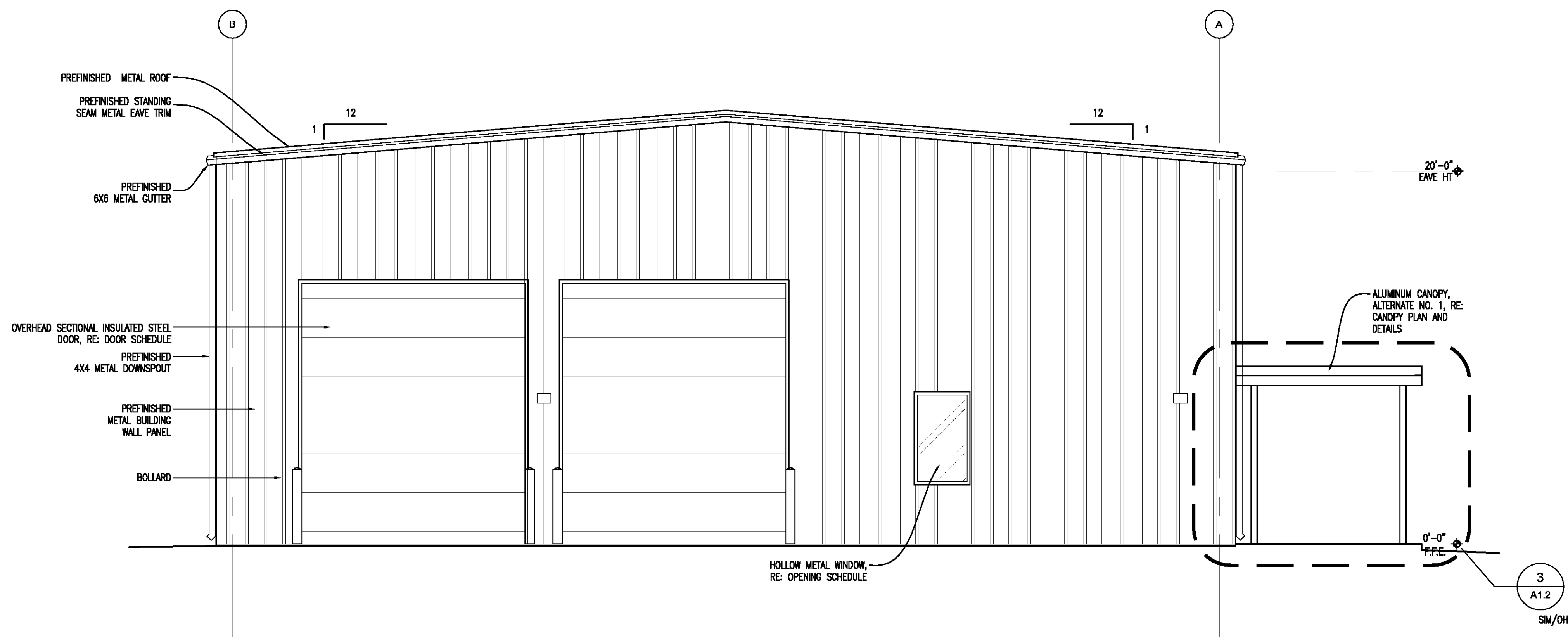
CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	A3.1
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

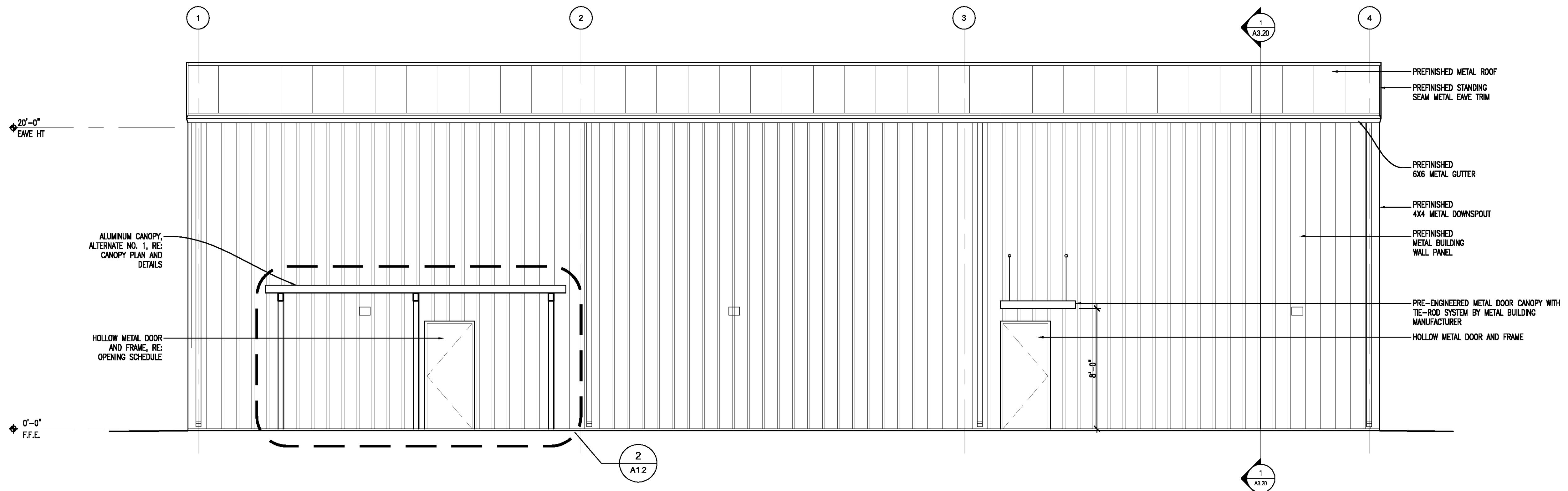
PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

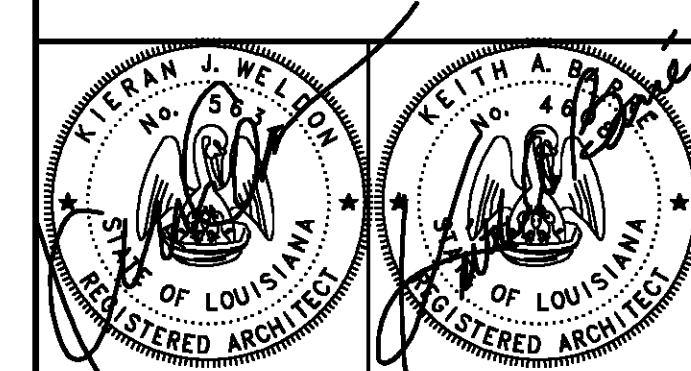
34780 South Range Road
SLIDELL, LA 70460



1 EXTERIOR ELEVATION
A3.2 SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION
A3.2 SCALE: 1/4" = 1'-0"



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Issue	Date	Remark

EXTERIOR ELEVATIONS

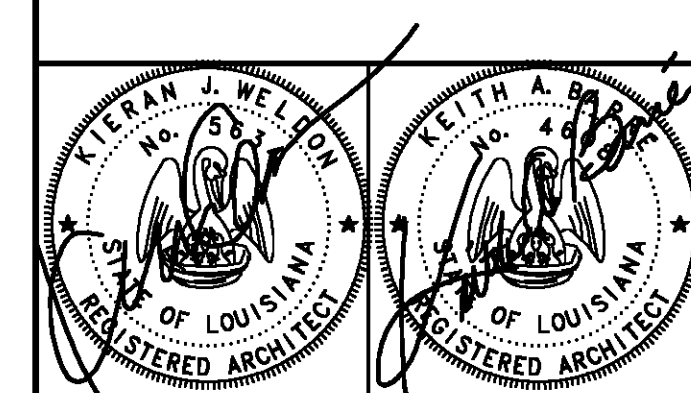
CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	A3.2
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



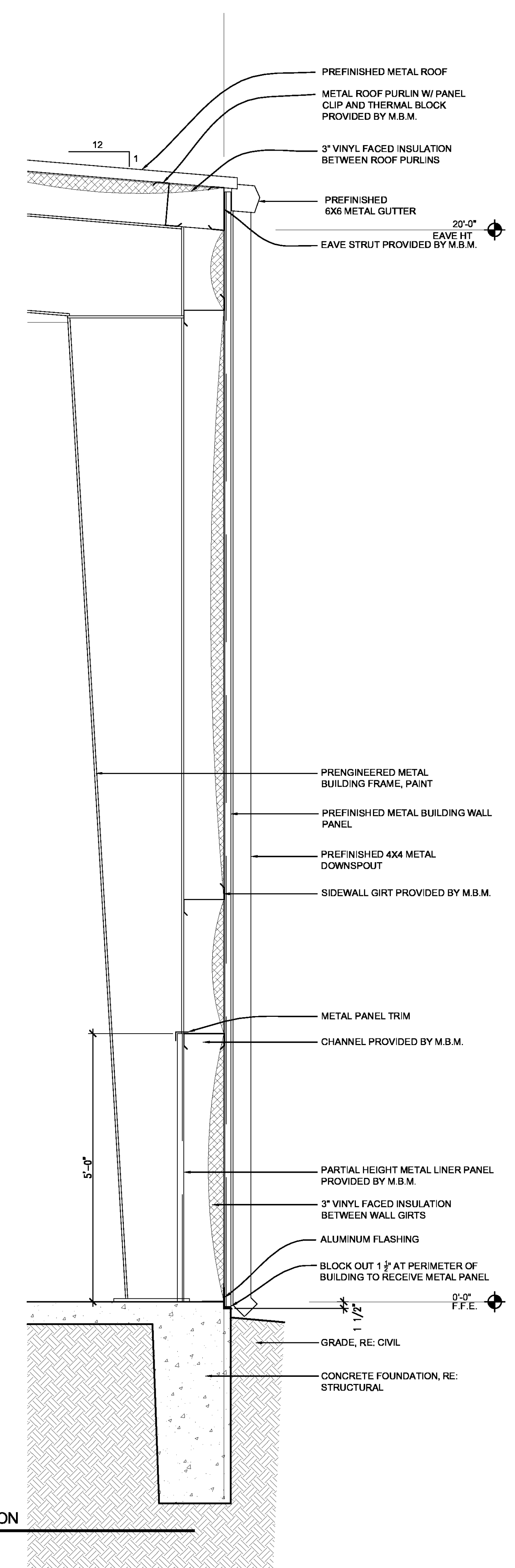
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Issue	Date	Remark

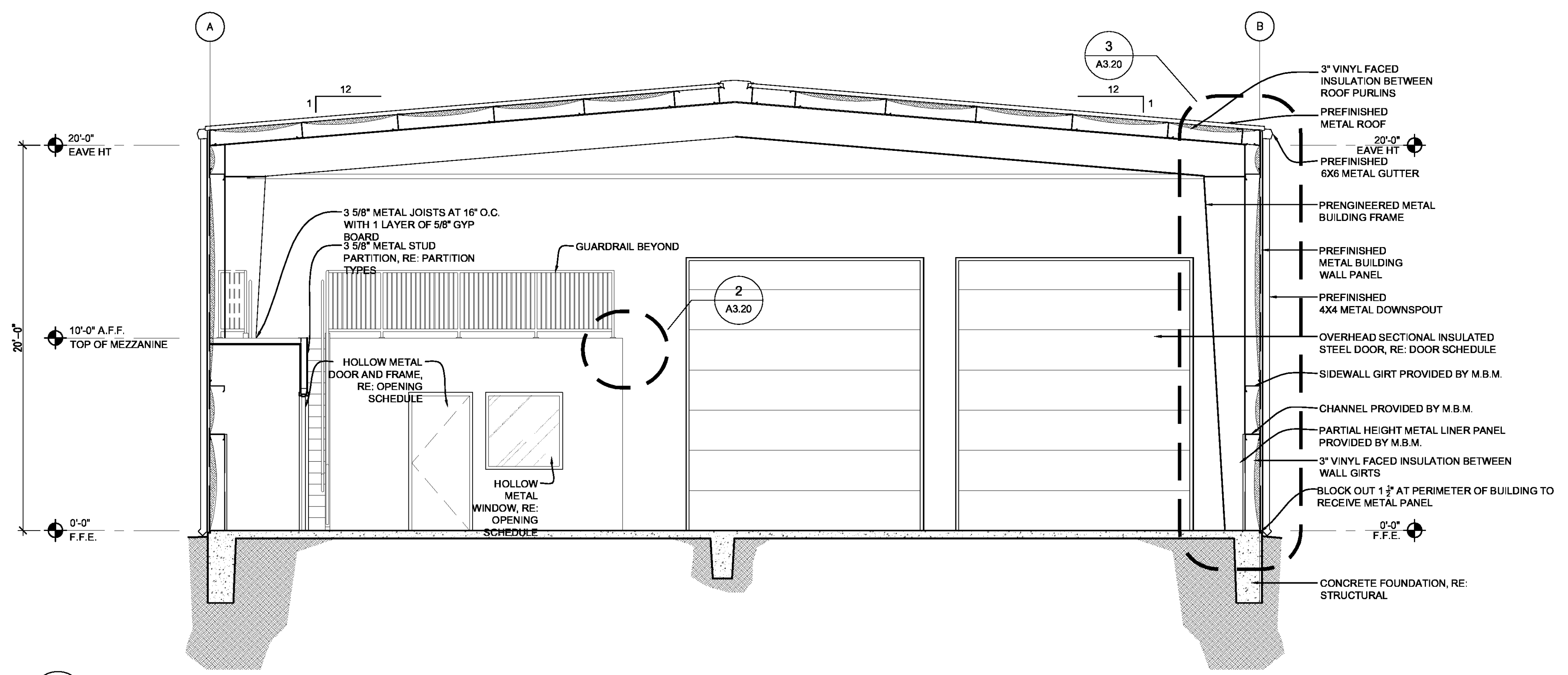
BUILDING SECTION

CONSTRUCTION DOCUMENTS

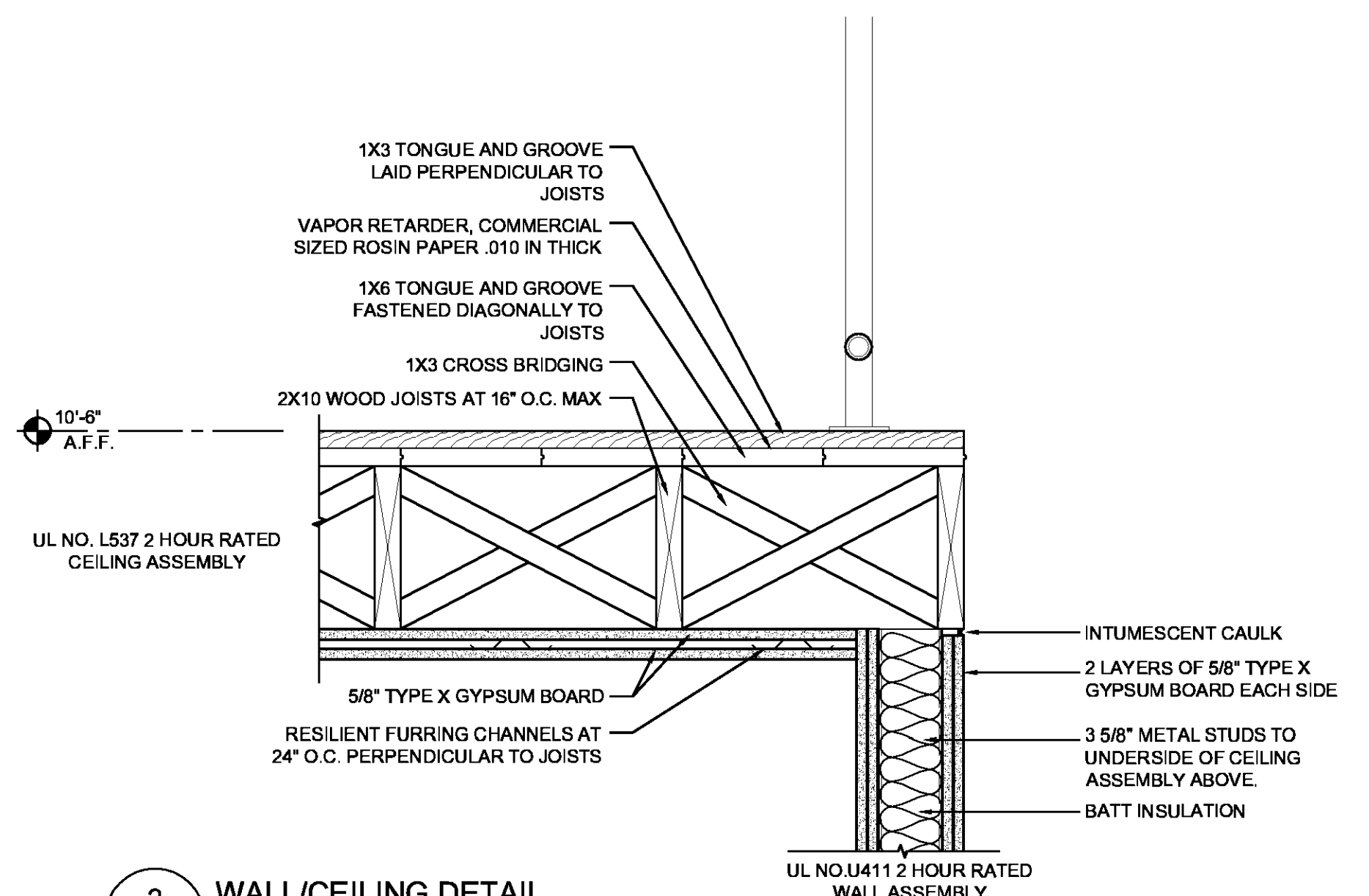
Job No	213058.02	Sheet No	A3.20
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		



3 WALL SECTION
A3.20 SCALE: 1/4" = 1'-0"



1 BUILDING SECTION
A3.20 SCALE: 1/4" = 1'-0"



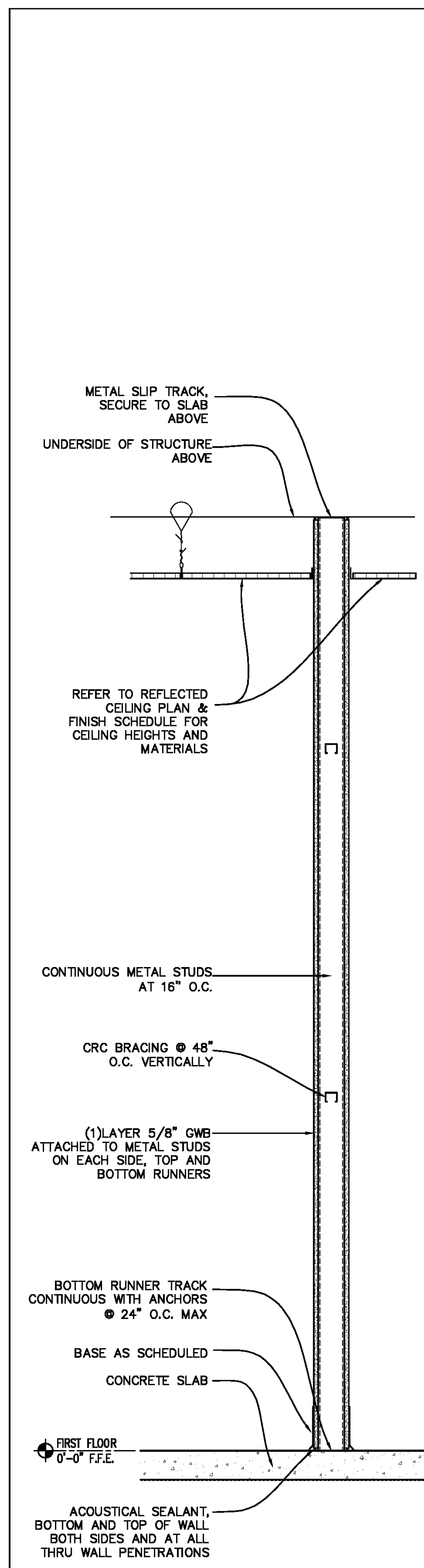
2 WALL/CEILING DETAIL
A6.1 SCALE: 1 1/2" = 1'-0"

3 WALL SECTION
A3.20 SCALE: 1/4" = 1'-0"

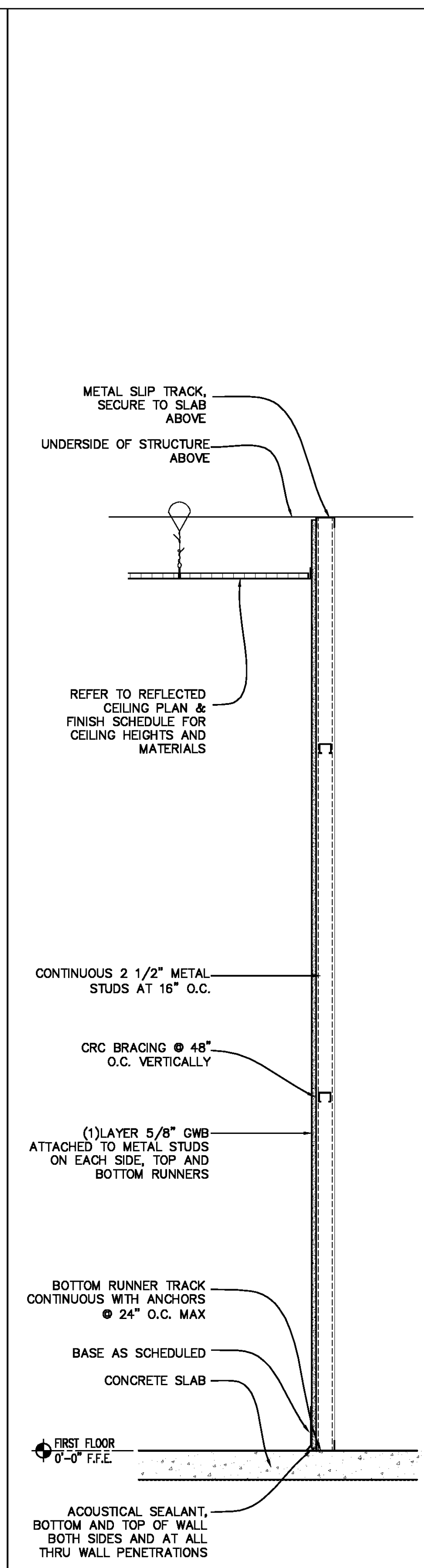
PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
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DISTRICT NO. 1
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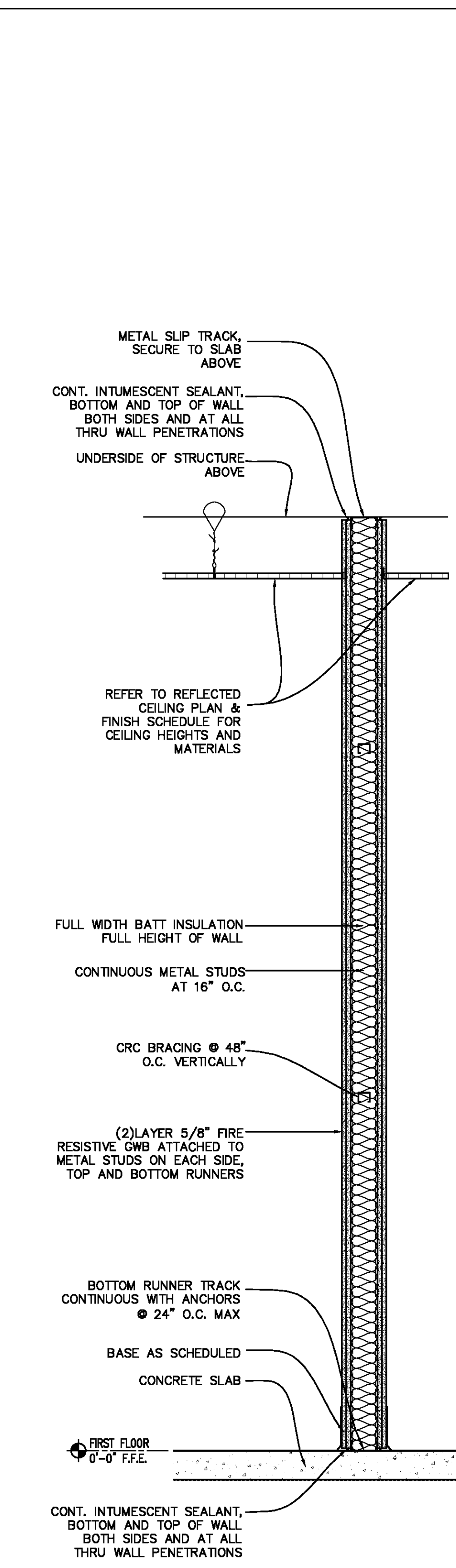
34780 South Range Road
SLIDELL, LA 70460



A NON-RATED METAL STUD PARTITION



B NON-RATED ONE-SIDED METAL STUD PARTITION

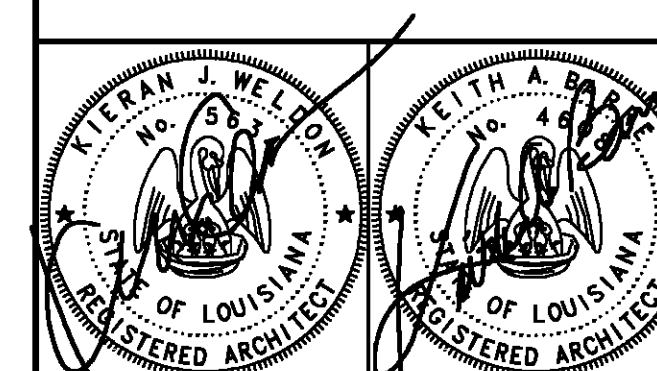


C 2 HOUR FIRE-RATED METAL STUD PARTITION

TYPE	DESCRIPTION	RATING	TEST #	DIM. (FINISHED)	TYPE	DESCRIPTION	RATING	TEST #	DIM. (FINISHED)	TYPE	DESCRIPTION	RATING	TEST #	DIM. (FINISHED)
A1	3 5/8" METAL STUDS W/ 1 LAYER GYP EA. SIDE			4 7/8"	B1	2 1/2" METAL STUDS W/ 1 LAYER GYP ONE SIDE			3 1/8"	C1	3 5/8" METAL STUDS W/ 2 LAYERS GYP EA. SIDE	2 HOUR	UL#411	6 1/8"
A2	6" METAL STUDS W/ 1 LAYER GYP EA. SIDE			7 1/4"	B2	3 5/8" METAL STUDS W/ 1 LAYER GYP ONE SIDE			4 1/4"					

PARTITION WALL TYPES

SCALE: 1" = 1'-0"



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Issue	Date	Remark

PARTITION WALL TYPES

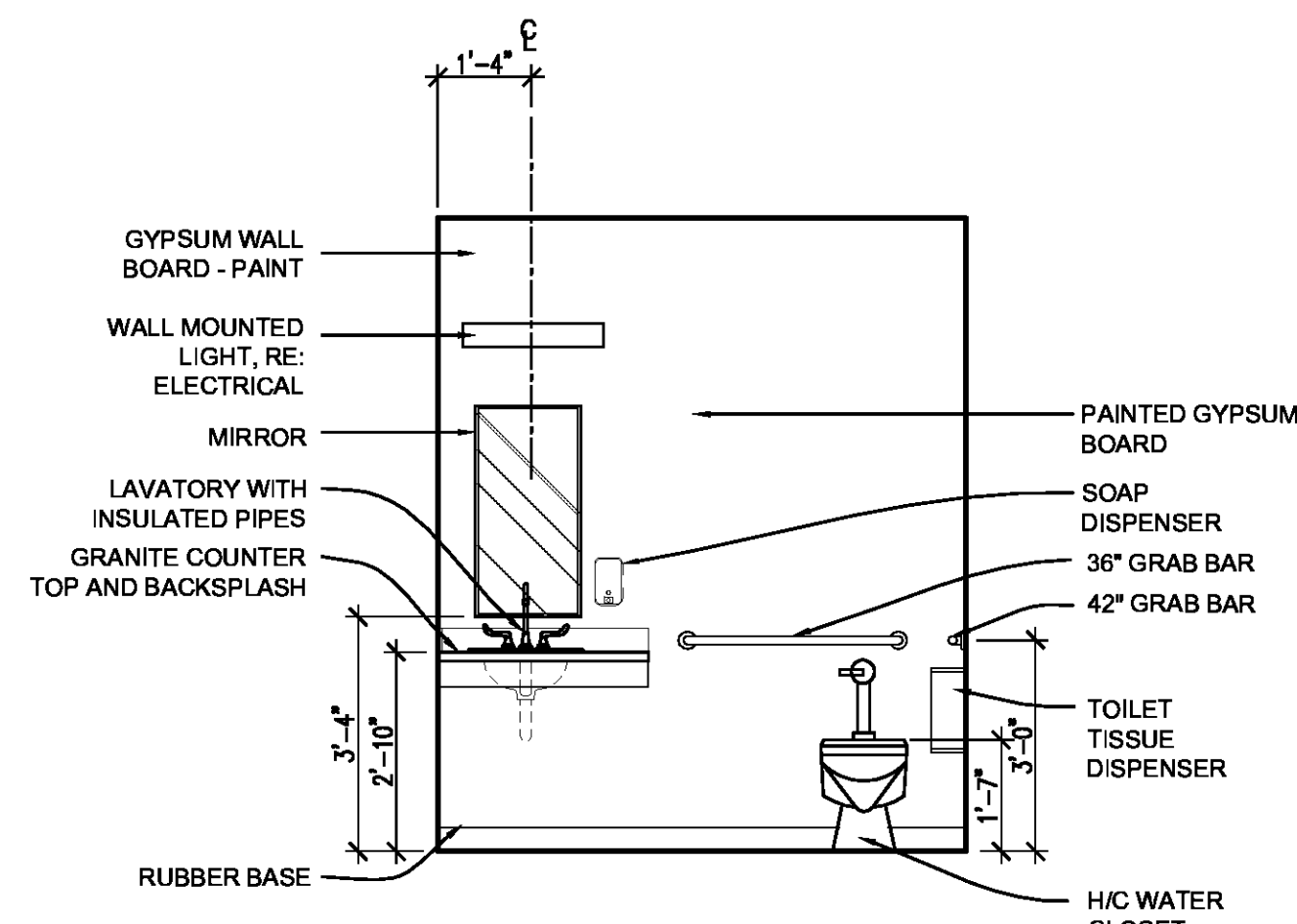
CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	A3.40
Drawn by	BDS		
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Date	14 MARCH 2014		

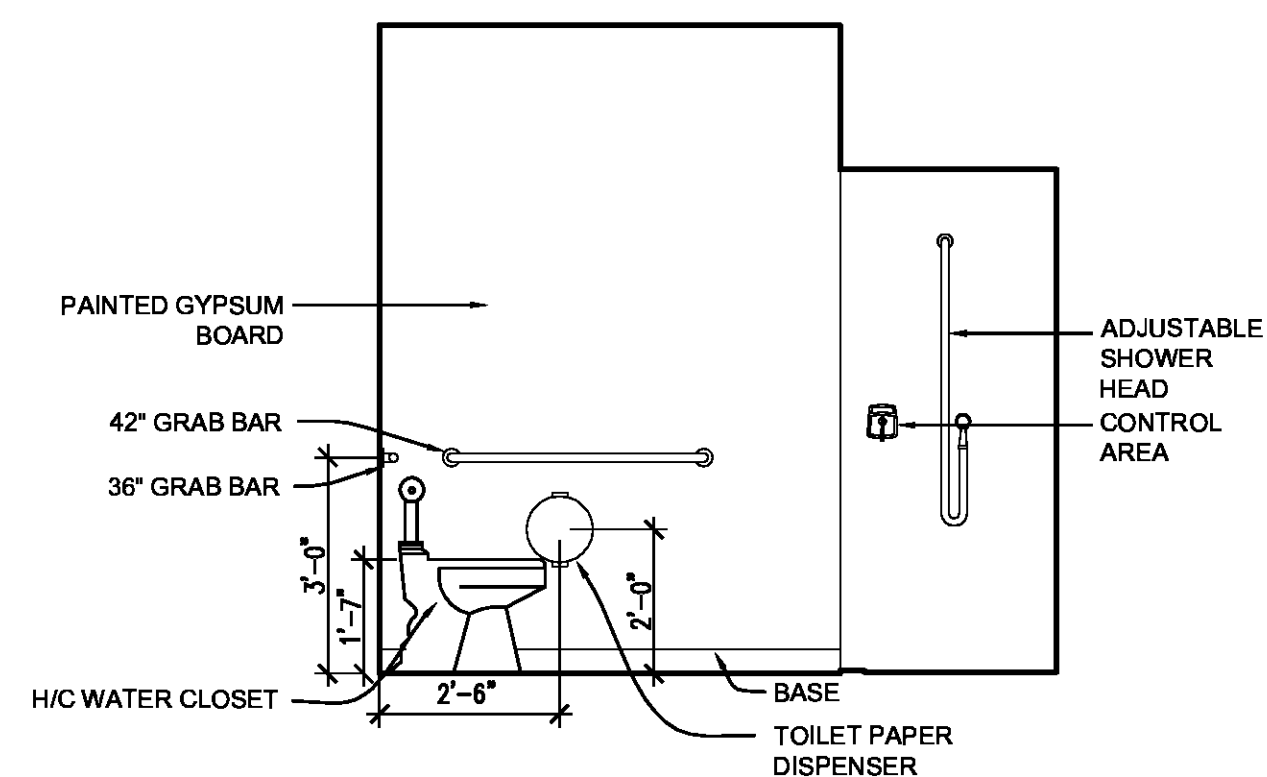
PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

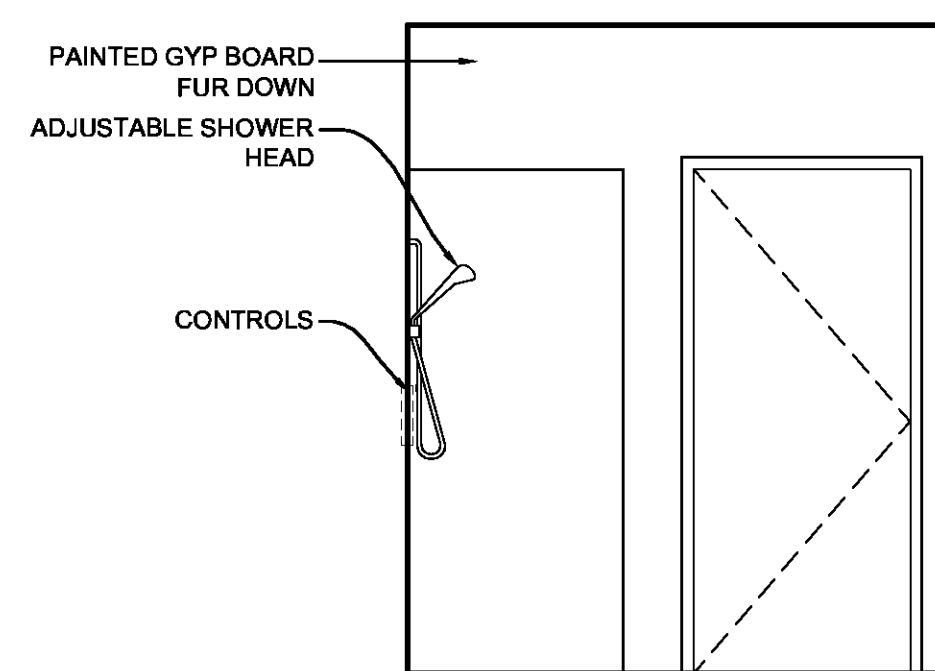
34780 South Range Road
SLIDELL, LA 70460



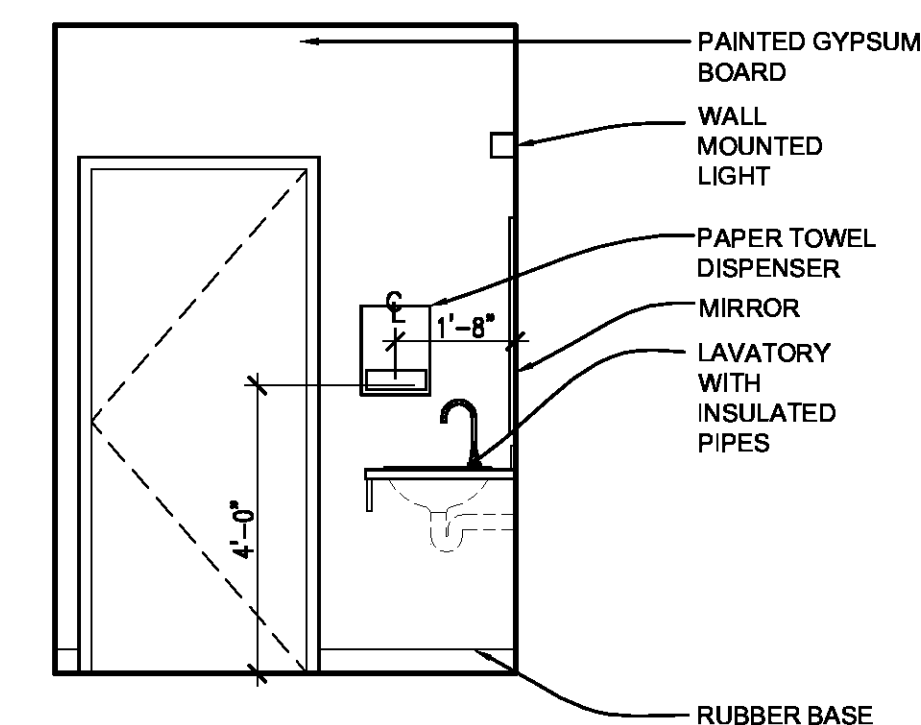
1 TOILET 104
A5.1 SCALE: 3/8" = 1'-0"



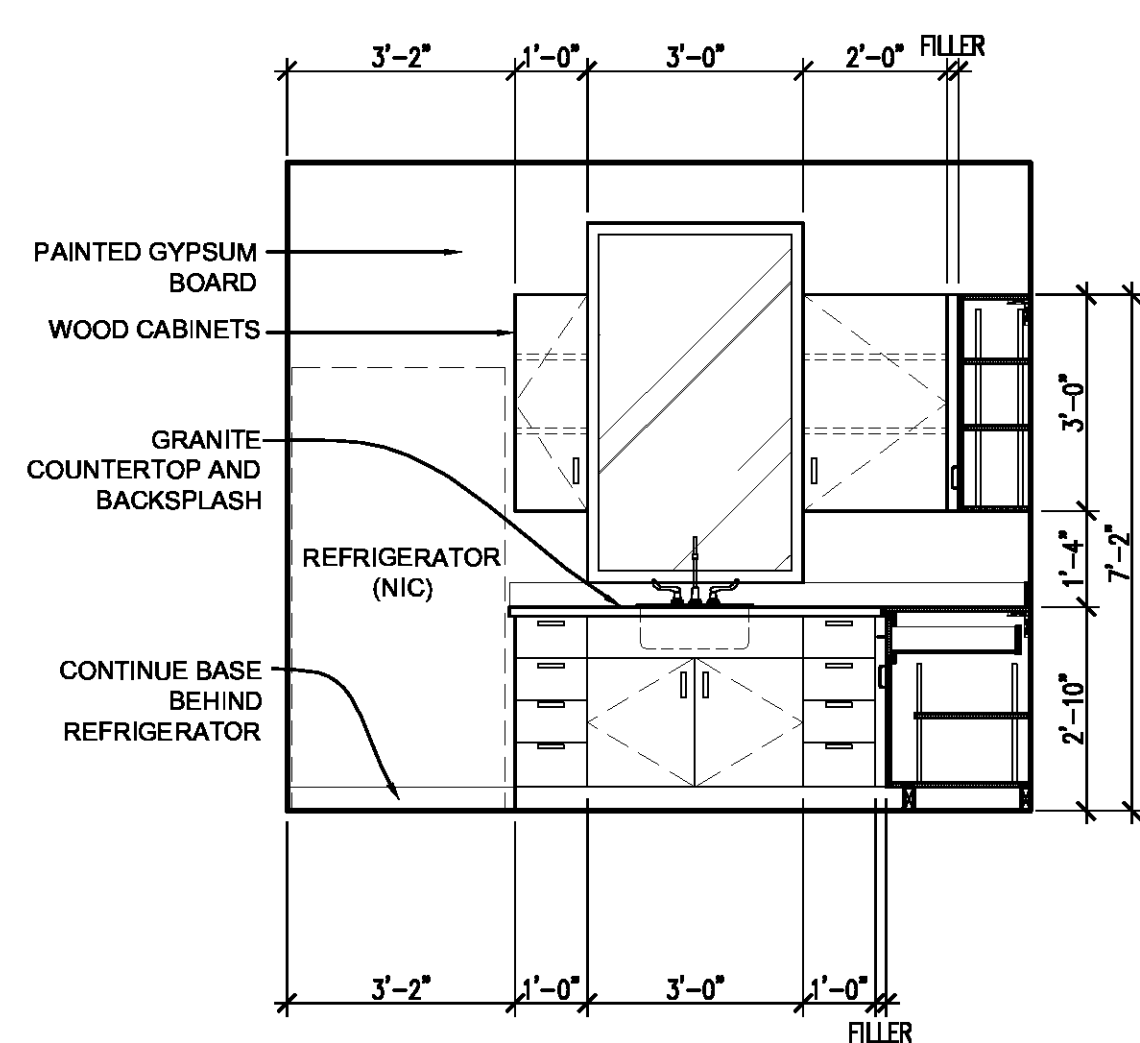
2 TOILET 104
A5.1 SCALE: 3/8" = 1'-0"



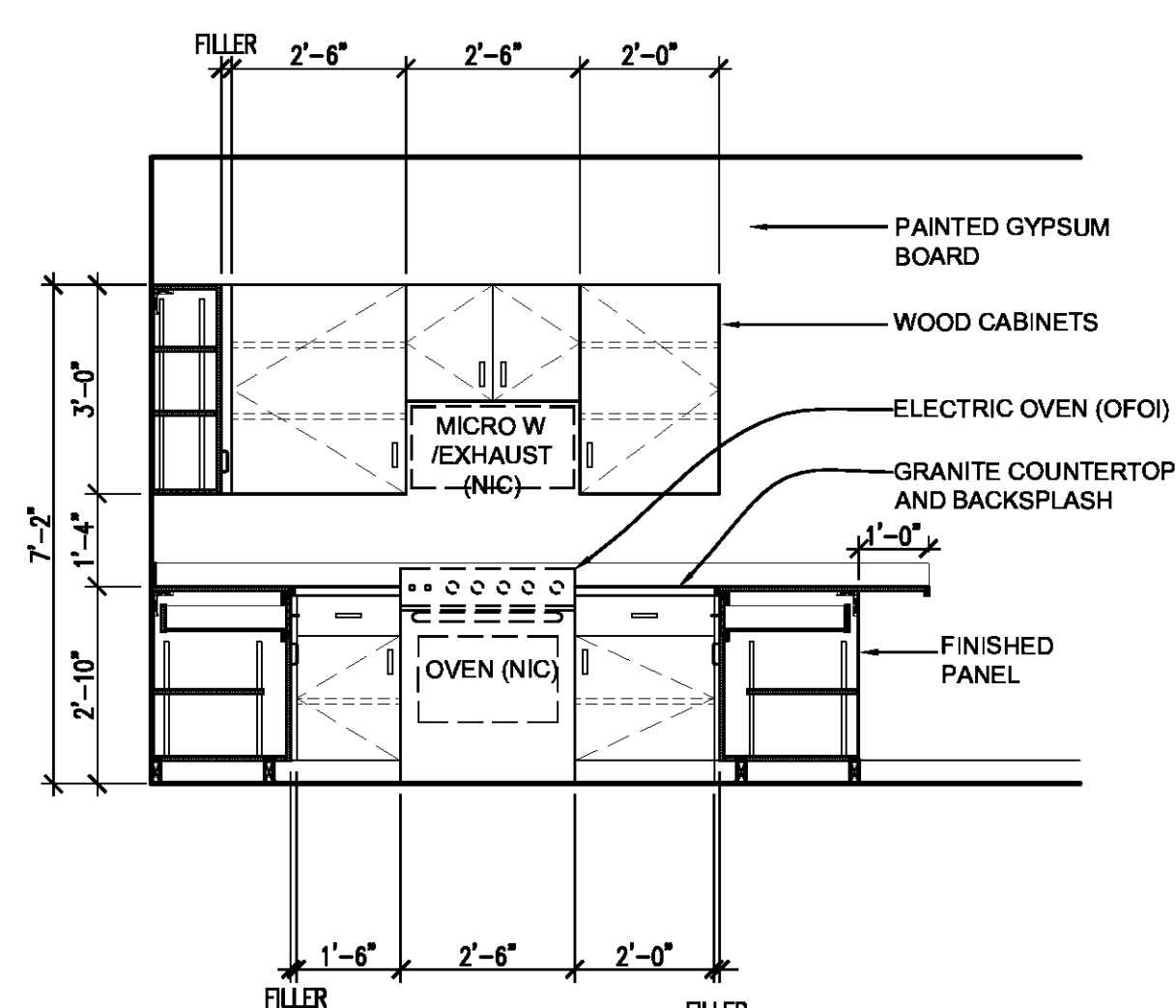
3 TOILET 104
A5.1 SCALE: 3/8" = 1'-0"



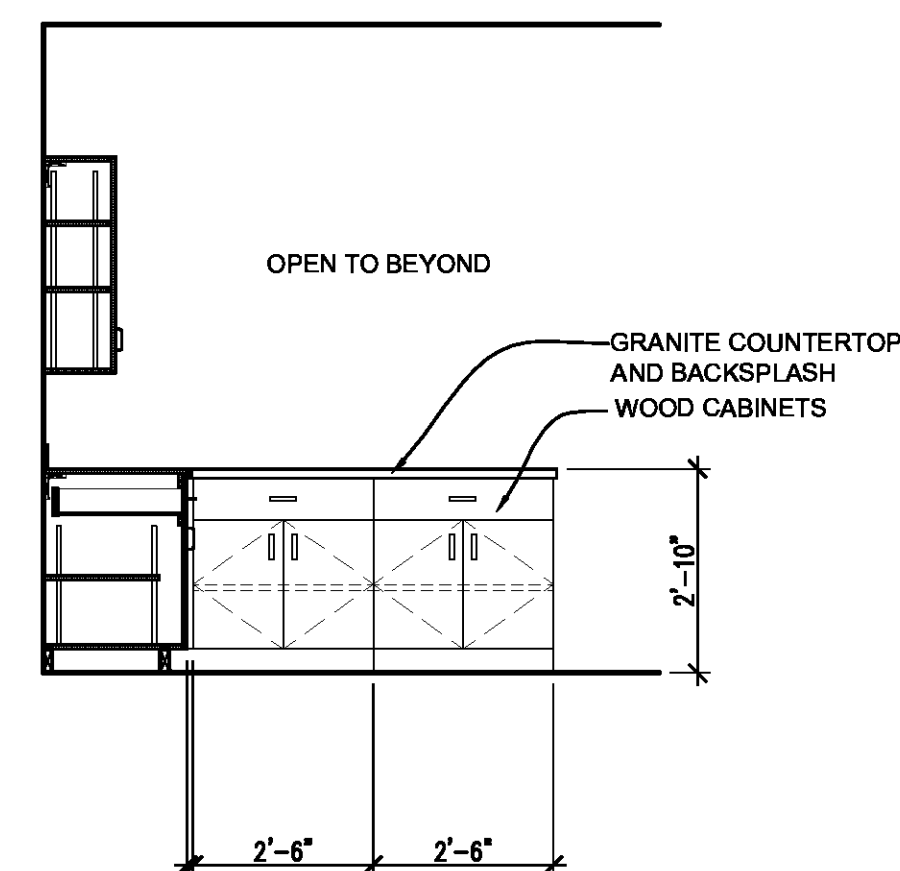
4 TOILET 104
A5.1 SCALE: 3/8" = 1'-0"



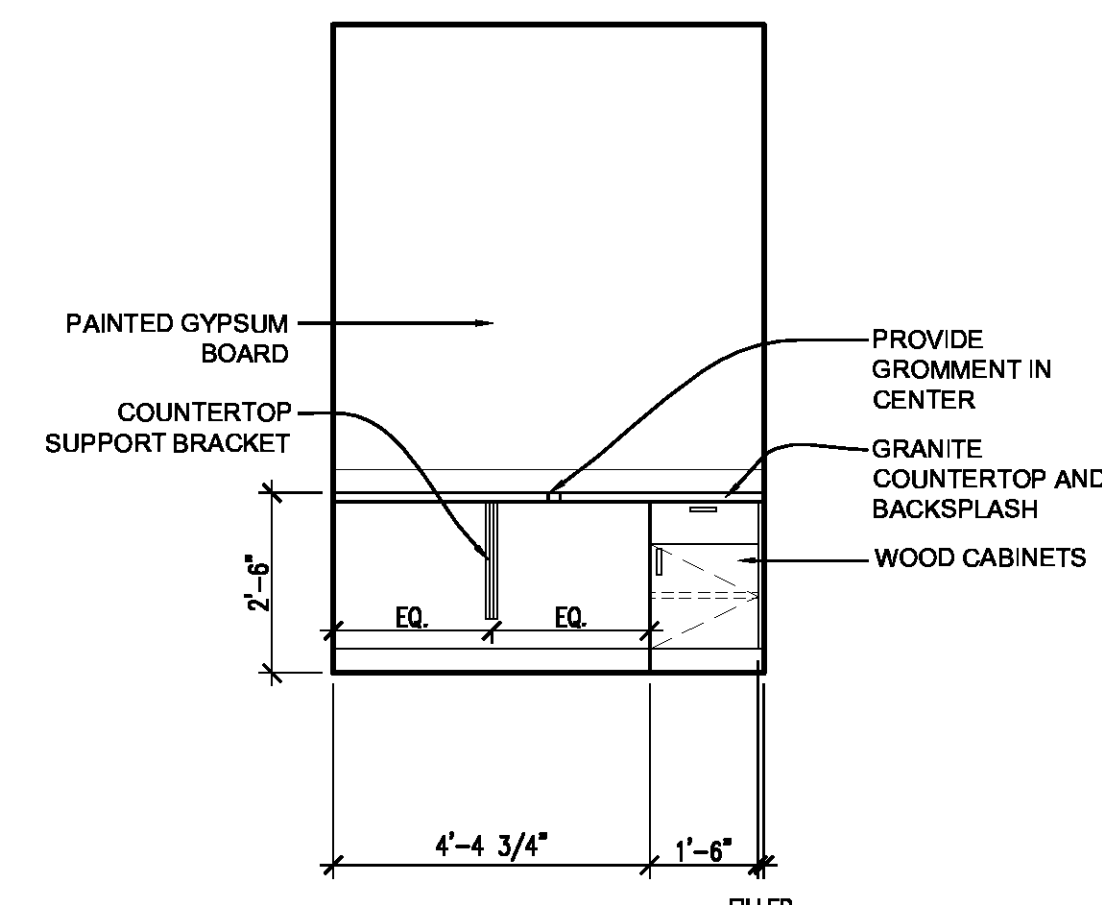
5 KITCHEN 106
A5.1 SCALE: 3/8" = 1'-0"



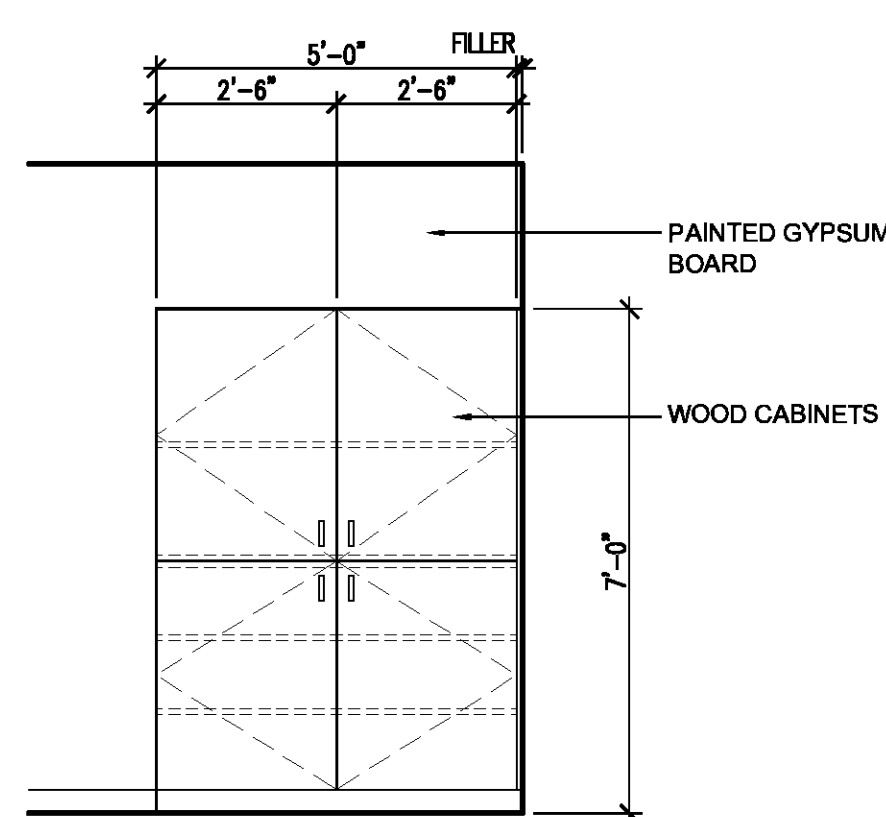
6 KITCHEN 106
A5.1 SCALE: 3/8" = 1'-0"



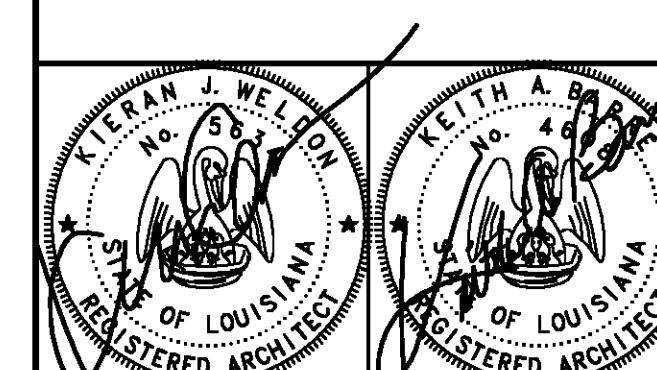
7 KITCHEN 106
A5.1 SCALE: 3/8" = 1'-0"



8 MEETING/DAYROOM 107
A5.1 SCALE: 3/8" = 1'-0"



9 BUNK ROOM 103
A5.1 SCALE: 3/8" = 1'-0"



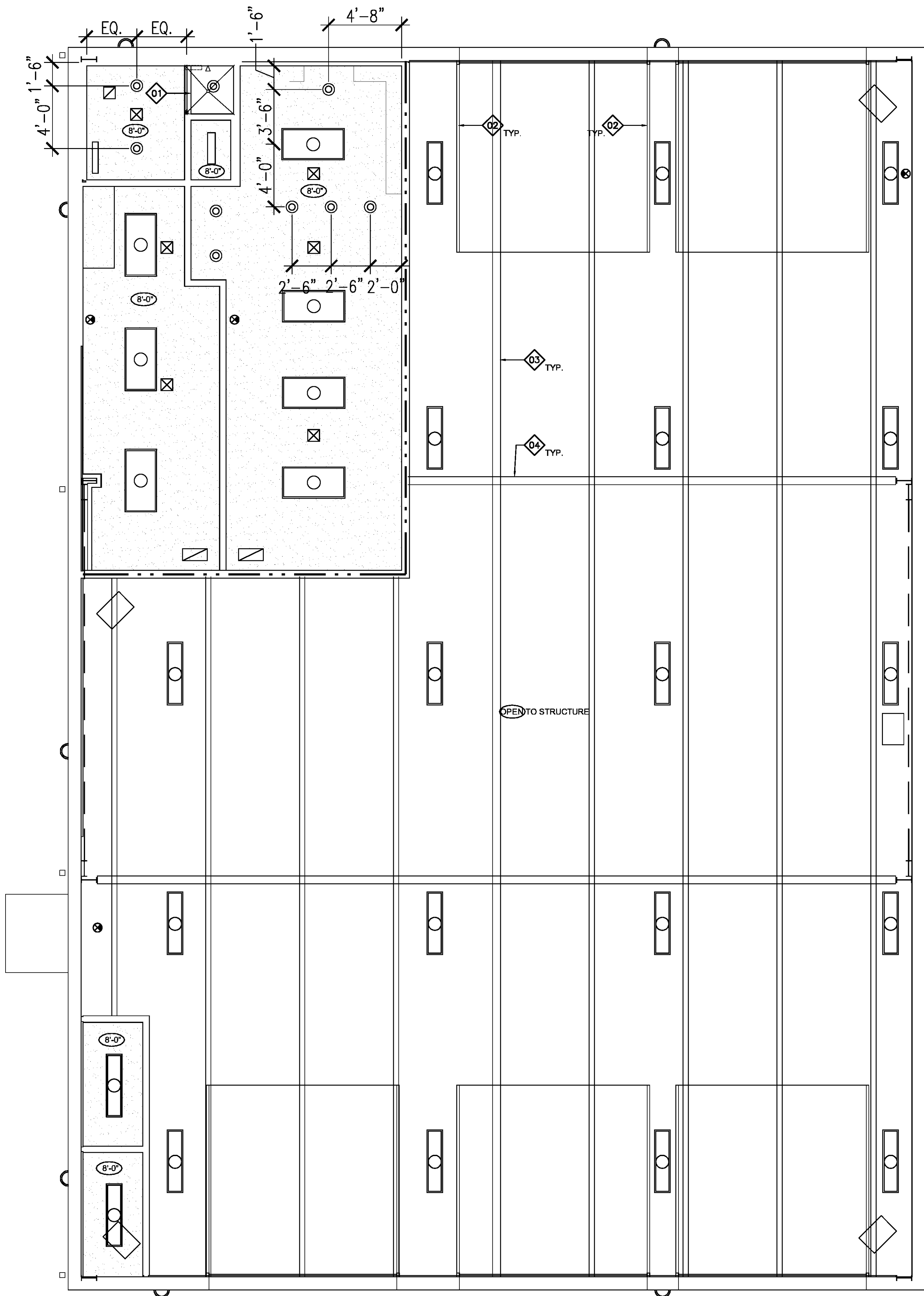
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Issue	Date	Remark

INTERIOR ELEVATIONS

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	A5.1
Drawn by			
Checked by	KJW		
Date	14 MARCH 2014		



KEY NOTES

(PERTAINS TO THIS SHEET)

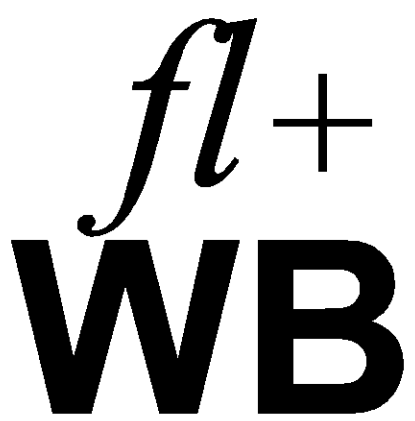
- 01 3 5/8" METAL STUD FUR DOWN WITH 1 LAYER OF 5/8" GYPSUM BOARD EACH SIDE.
- 02 OVERHEAD DOOR TRACK, BRACE TO PURLINS ABOVE PER OVERHEAD DOOR MANUFACTURER'S SPECS
- 03 METAL BUILDING PURLINS, RE: STRUCTURAL
- 04 METAL BUILDING STRUCTURE, RE: STRUCTURAL

LEGEND

- SUPPLY AIR GRILL, RE: MECHANICAL
- RETURN AIR GRILL, RE: MECHANICAL
- FLOURESCENT LIGHT FIXTURE, RE: ELECTRICAL
- FLOURESCENT LIGHT FIXTURE, RE: ELECTRICAL
- WALL MOUNTED LIGHT FIXTURE, RE: ELECTRICAL
- WALL MOUNTED LIGHT FIXTURE, RE: ELECTRICAL
- RECESSED LIGHT FIXTURE, RE: ELECTRICAL
- WALL MOUNTED EXIT LIGHT, RE: ELECTRICAL
- HIGH BAY LIGHT FIXTURE, RE: ELECTRICAL
- GYPSUM BOARD CEILING
- CEILING HEIGHT
- ROOM NAME & NUMBER

GENERAL NOTES

1. ARCHITECTURAL REFLECTED CEILING PLAN SHOWS THE GENERAL LAYOUT AND LOCATION OF EACH SYSTEM. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DETAILED TYPE AND SIZE OF EACH FIXTURE.
2. ALL ROOMS TO RECEIVE (ACT-1) ARMSTRONG GEORGIAN, 24"X24"X5/8", BEVELED TEGULAR TO MATCH EXISTING.
3. ACOUSTICAL GRID TO BE ARMSTRONG PRELUDE 15/16" EXPOSED TEE, WHITE.
4. SUSPENDED GYPSUM BOARD SYSTEM TO BE ARMSTRONG 'DRYWALL GRID SYSTEMS'.
5. SMOKE DETECTOR AND OTHER ELECTRICAL AND MECHANICAL EQUIPMENT SHALL BE CENTERED IN THE CEILING TILE OR UNIFORMLY SPACED AT GYPSUM BOARD CEILINGS.



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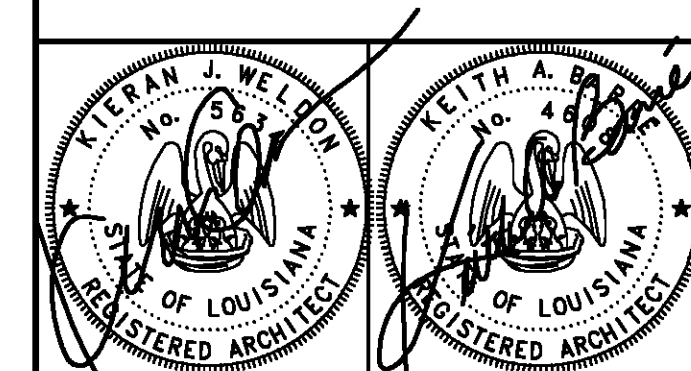
*architecture
planning
interiors
sustainable design
consulting*

229 ST. JOHN LANE
COVINGTON, LA 70433
985-893-4100

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



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Issue	Date	Remark

REFLECTED CEILING PLAN

CONSTRUCTION DOCUMENTS

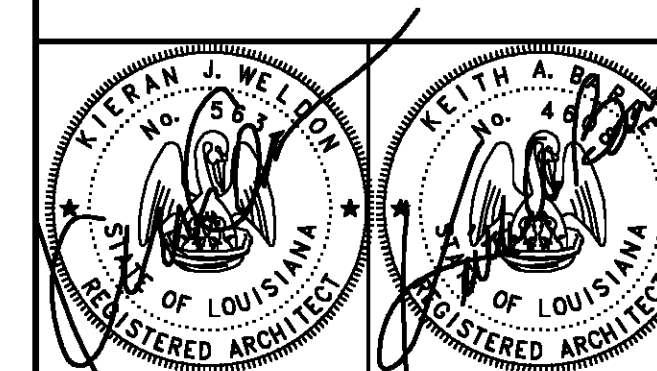
Job No	213058.02	Sheet No	A6.1
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

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

PROJECT DESCRIPTION

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Issue	Date	Remark

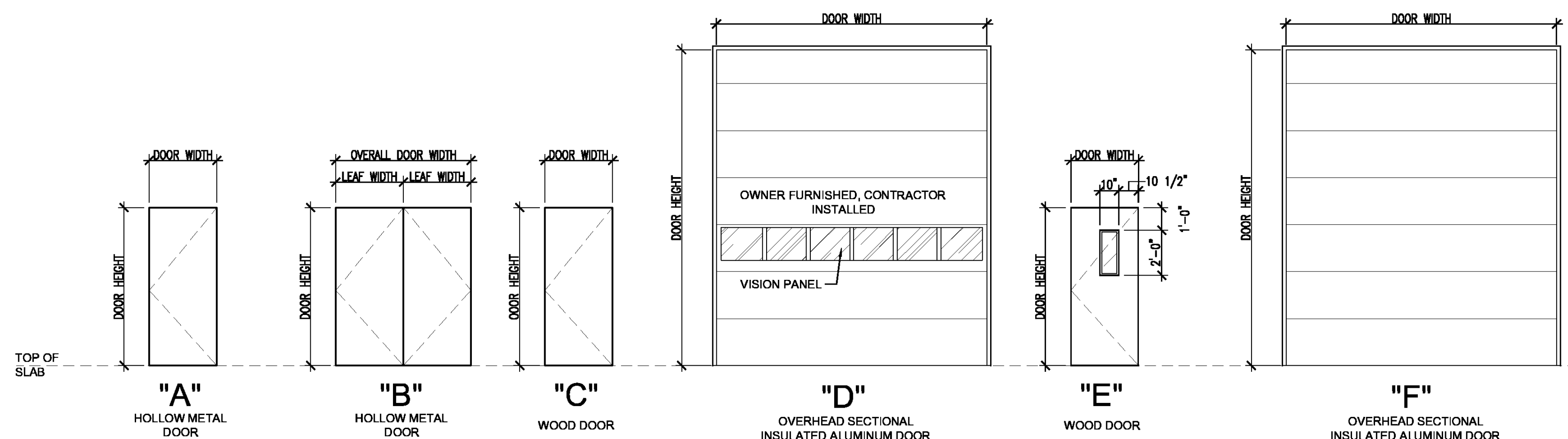
DOOR AND WINDOW SCHEDULE
HEAD JAMB SILL DETAILS

CONSTRUCTION DOCUMENTS

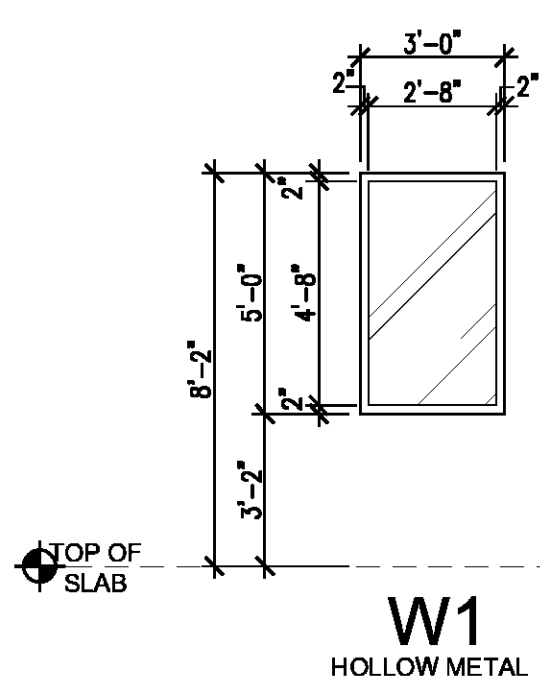
Job No	213058.02	Sheet No	A8.1
Drawn by	BDS		
Checked by	KJW		
Date	14 MARCH 2014		

DOOR SCHEDULE - FIRST FLOOR													
ROOM NO.	MARK	TYPE	MATERIAL	SIZE			HARDWARE SET	FRAME MATERIAL/ FRAME TYPE	DETAILS			FIRE/STC RATING	REMARKS / NOTES
				WIDTH	HEIGHT	THICK			HEAD	JAMB	SILL		
100	100A	F	ALUM	12'-0"	14'-0"	-	-	STEEL	-	-	-	-	-
100	100B	F	ALUM	12'-0"	14'-0"	-	-	STEEL	-	-	-	-	-
100	100C	D	ALUM	12'-0"	14'-0"	-	-	STEEL	-	-	-	-	OWNER FURNISHED, CONTRACTOR INSTALLED
100	100D	D	ALUM	12'-0"	14'-0"	-	-	STEEL	-	-	-	-	OWNER FURNISHED, CONTRACTOR INSTALLED
100	100E	D	ALUM	12'-0"	14'-0"	-	-	STEEL	-	-	-	-	OWNER FURNISHED, CONTRACTOR INSTALLED
100	100F	A	HM	3'-0"	7'-0"	1 3/4"	-	HM/1	4/A8.1	5/A8.1	6/A8.1	-	-
100	100G	A	HM	3'-0"	7'-0"	1 3/4"	-	HM/1	4/A8.1	5/A8.1	6/A8.1	-	-
101	101	B	HM	PR 3'-0"	7'-0"	1 3/4"	-	HM/2	1/A8.1	2/A8.1	3/A8.1	-	-
102	102	B	HM	PR 3'-0"	7'-0"	1 3/4"	-	HM/2	1/A8.1	2/A8.1	3/A8.1	-	-
103	103	A	HM	3'-0"	7'-0"	1 3/4"	-	HM/1	4/A8.1	5/A8.1	6/A8.1	-	-
104	104	C	WD	3'-0"	7'-0"	1 3/4"	-	HM/1	1/A8.1	2/A8.1	3/A8.1	-	-
105	105	C	WD	3'-0"	7'-0"	1 3/4"	-	HM/1	1/A8.1	2/A8.1	3/A8.1	-	-
107	107A	C	WD	3'-0"	7'-0"	1 3/4"	-	HM/1	1/A8.1	2/A8.1	3/A8.1	-	-
107	107B	E	HM	3'-0"	7'-0"	1 3/4"	-	HM/1	7/A8.1	8/A8.1	3/A8.1	90 MIN.	-

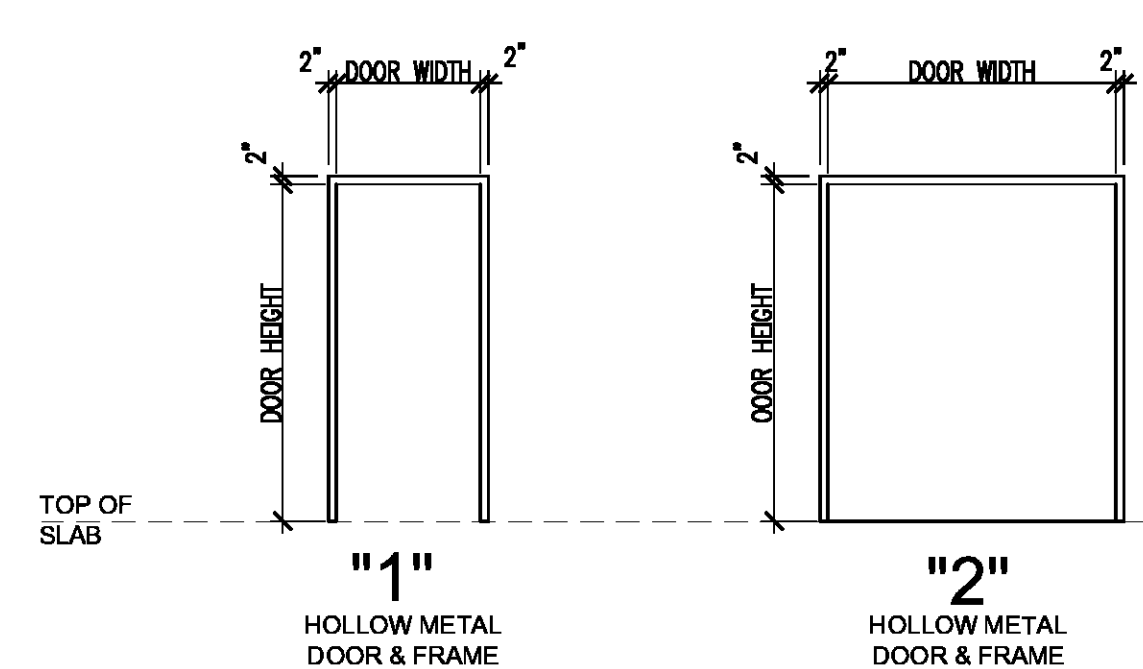
METAL BUILDING MANUFACTURER RESPONSIBLE FOR ADDITIONAL FRAMING REQUIRED AT OPENING FOR HOLLOW METAL DOORS AND OVERHEAD DOORS.



DOOR TYPES

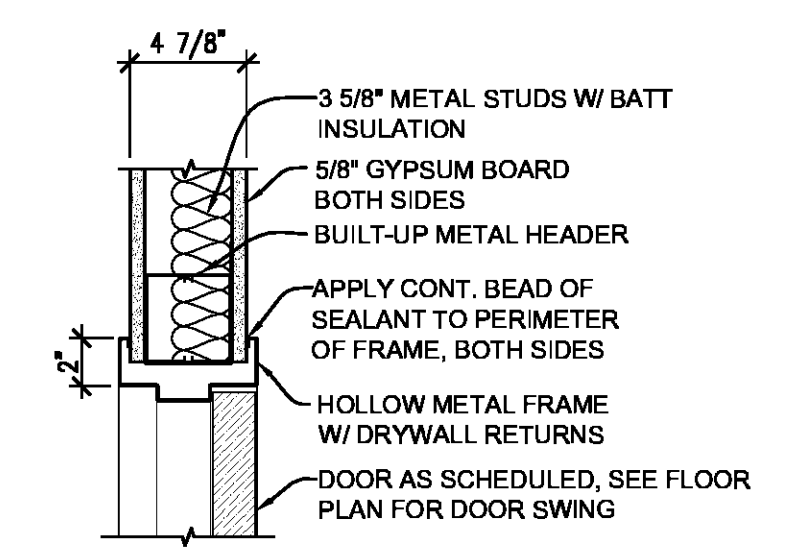


WINDOW TYPES

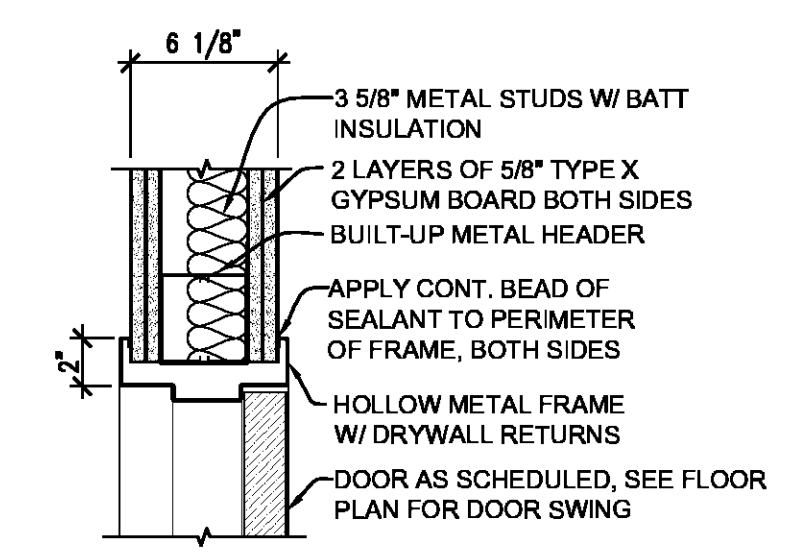


FRAME TYPES

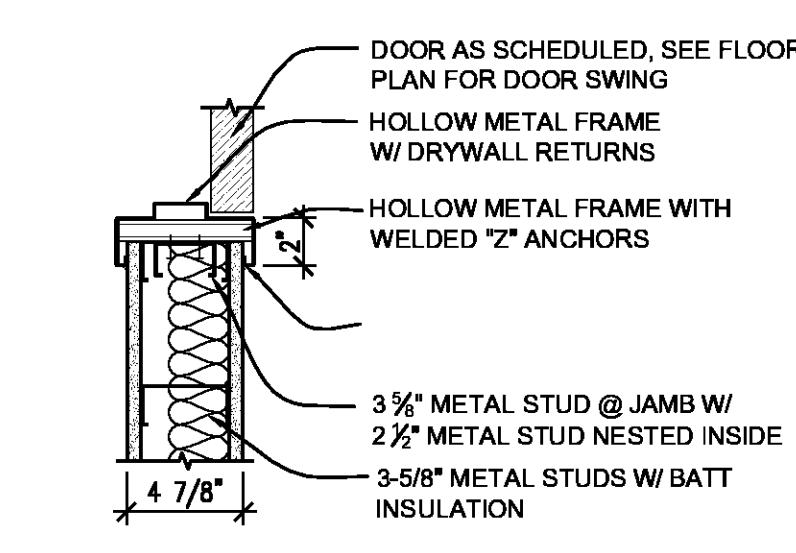
WINDOW SCHEDULE - FIRST FLOOR									
MARK	MAT'L	SIZE		DETAILS				HEAD HEIGHT	REMARKS
		WIDTH	HEIGHT	HEAD	JAMB	SILL	MULL		
A	HM	3'-0"	5'-0"	4/A8.1 SIM	5/A8.1 SIM	-	-	8'-2"	-



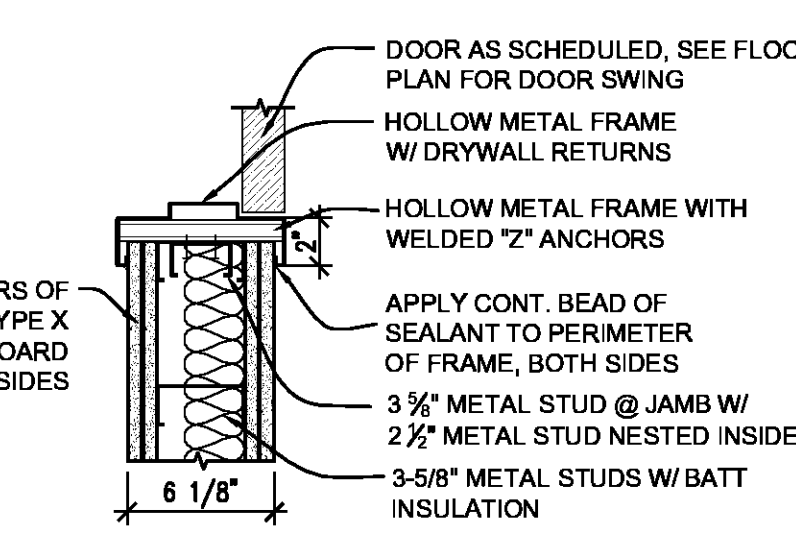
1 DOOR HEAD DETAIL
A8.1 SCALE: 1 1/2" = 1'-0"



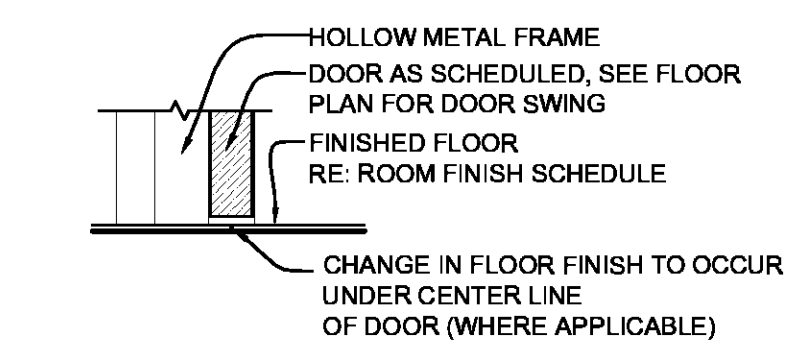
7 DOOR HEAD DETAIL
A8.1 SCALE: 1 1/2" = 1'-0"



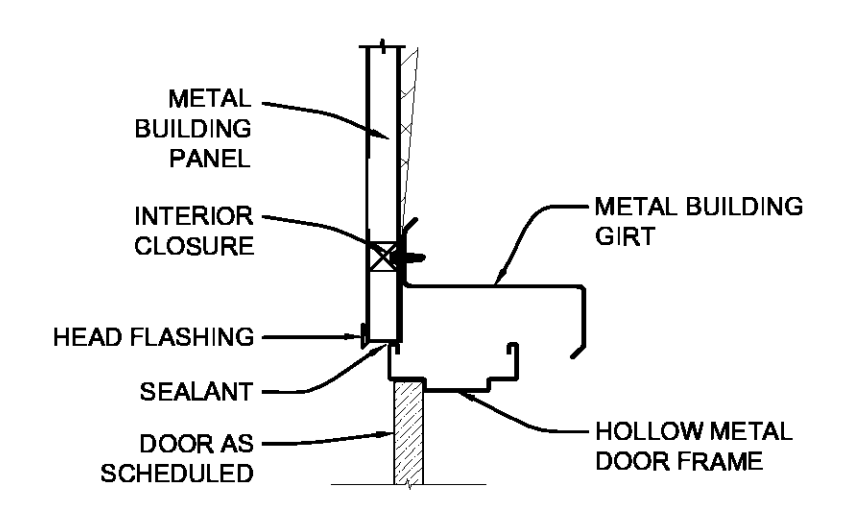
2 DOOR JAMB DETAIL
A8.1 SCALE: 1 1/2" = 1'-0"



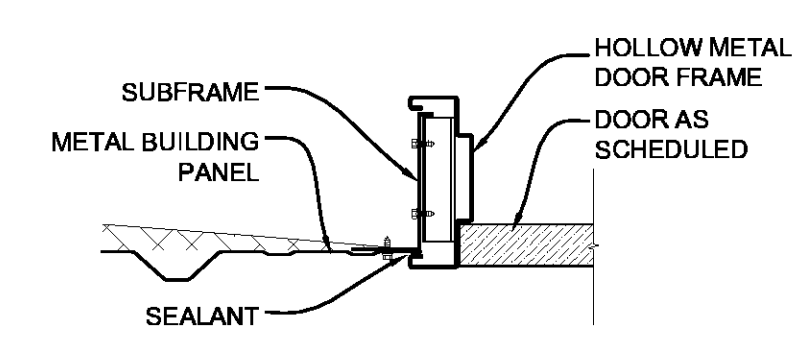
8 DOOR JAMB DETAIL
A8.1 SCALE: 1 1/2" = 1'-0"



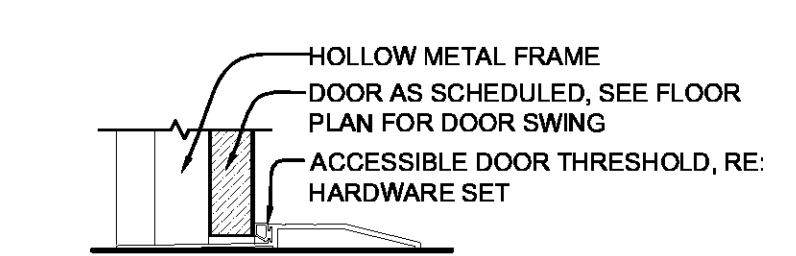
3 DOOR THRESHOLD DETAIL
A8.1 SCALE: 1 1/2" = 1'-0"



4 HEAD DETAIL
A8.2.1 SCALE: 1 1/2" = 1'-0"



5 JAMB DETAIL
A8.2.1 SCALE: 1 1/2" = 1'-0"

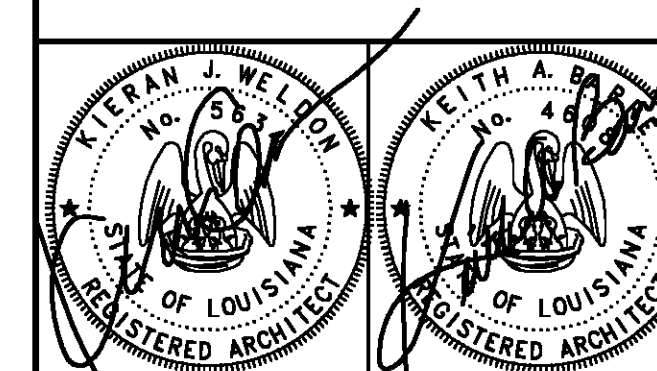


6 DOOR THRESHOLD DETAIL
A8.1 SCALE: 1 1/2" = 1'-0"

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



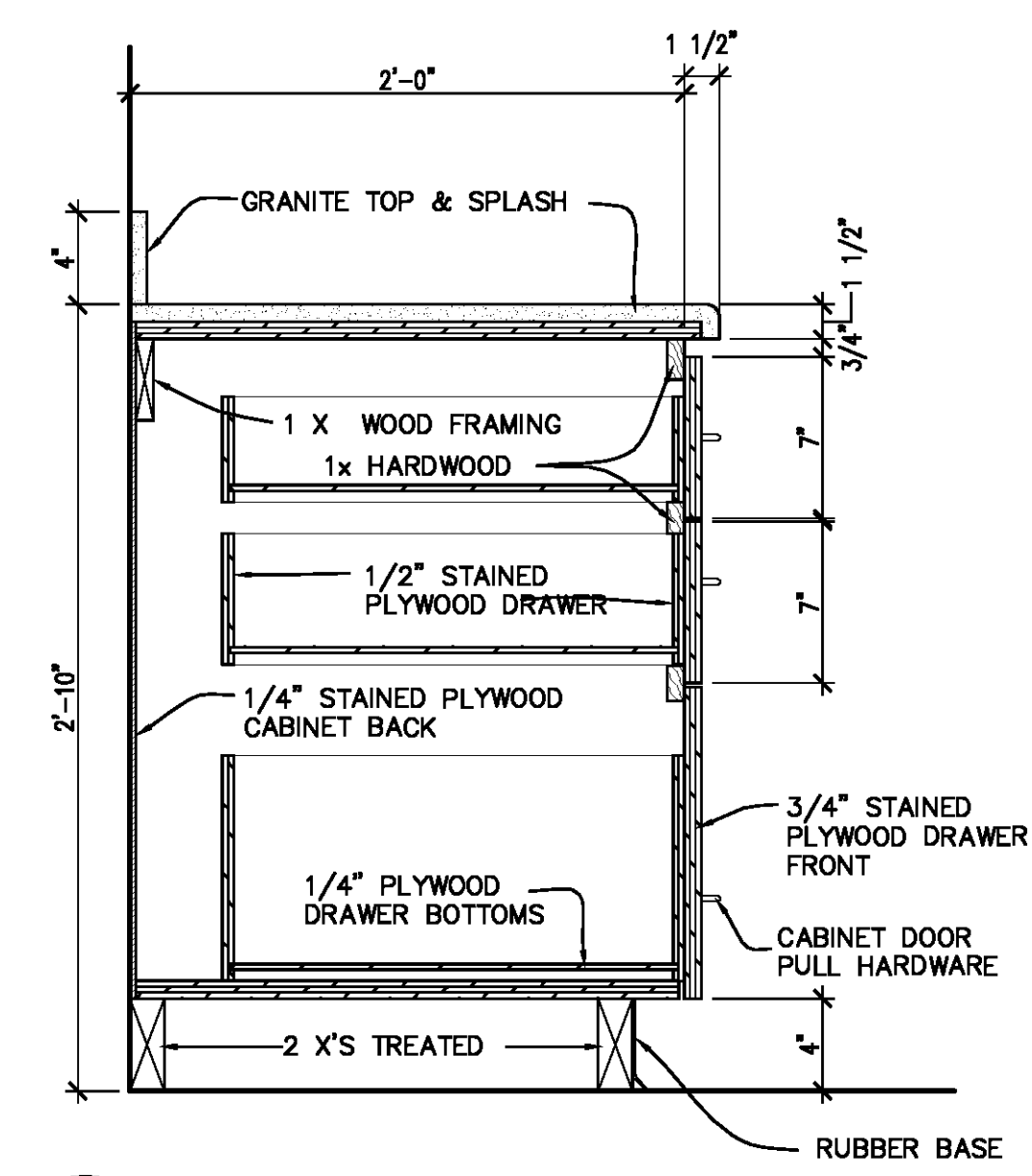
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Issue	Date	Remark

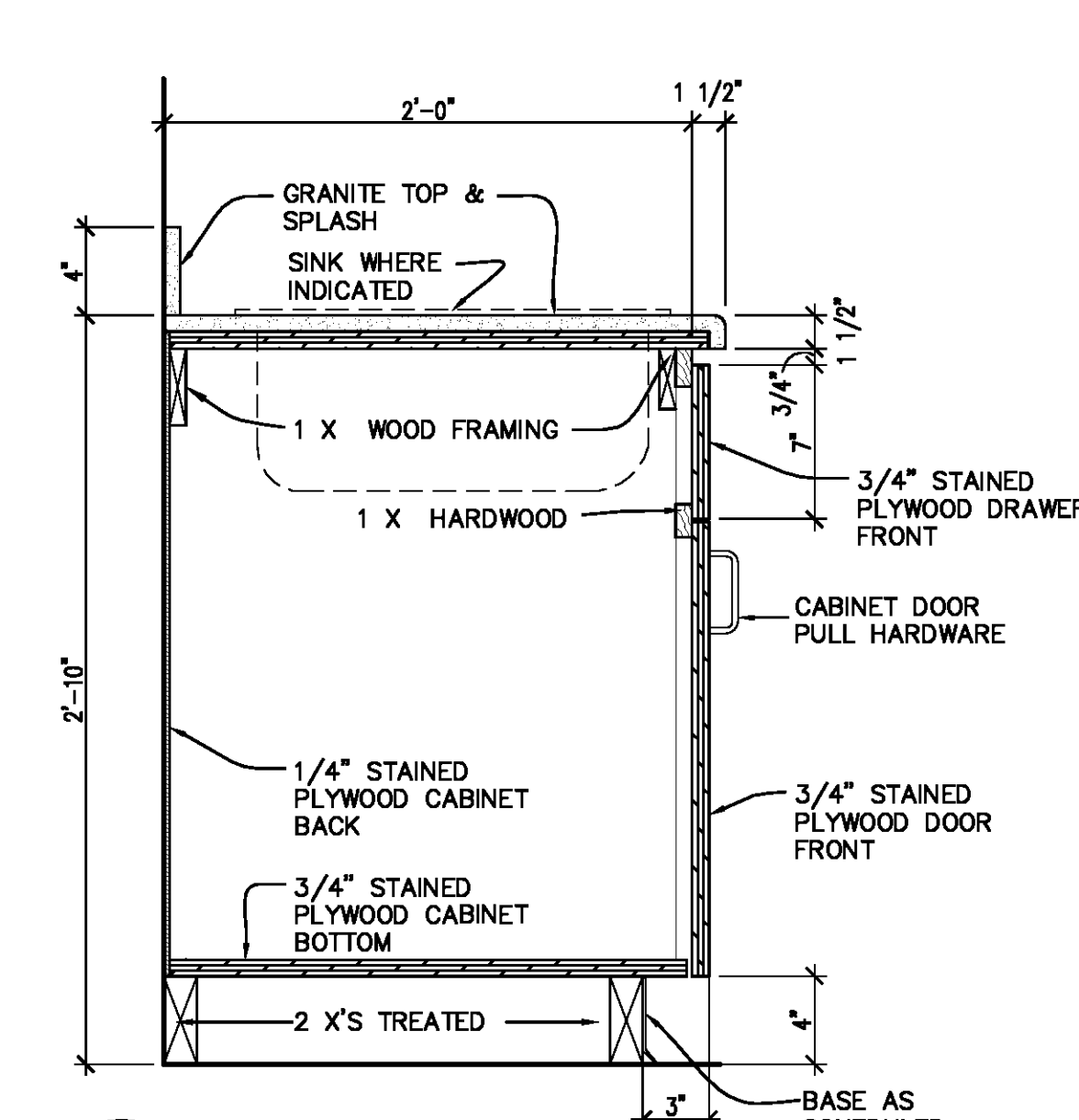
MILLWORK DETAILS

CONSTRUCTION DOCUMENTS

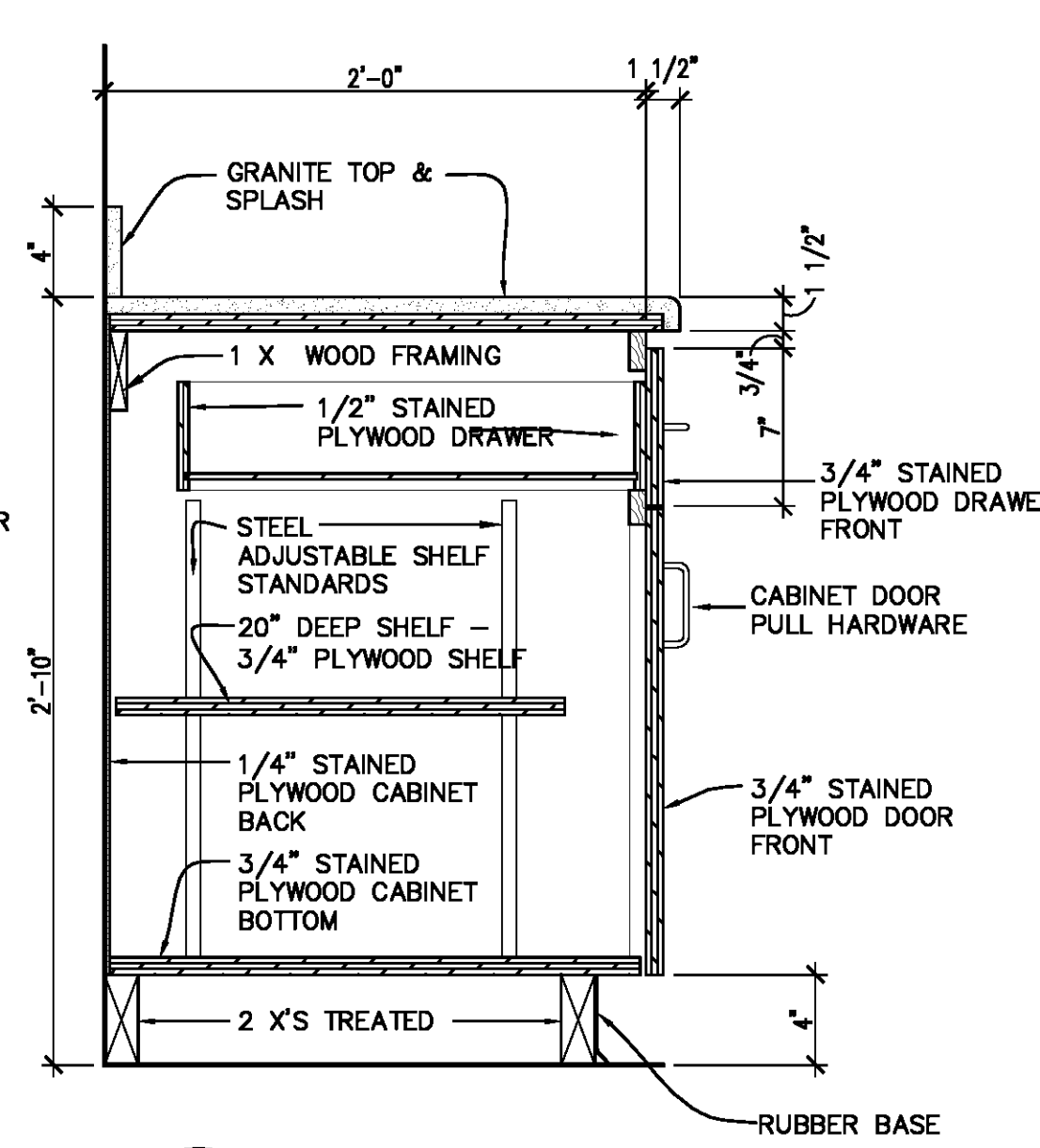
Job No	213058.02	Sheet No	A9.1
Drawn by	BDS		
Checked by	KWJ		
Date	14 MARCH 2014		



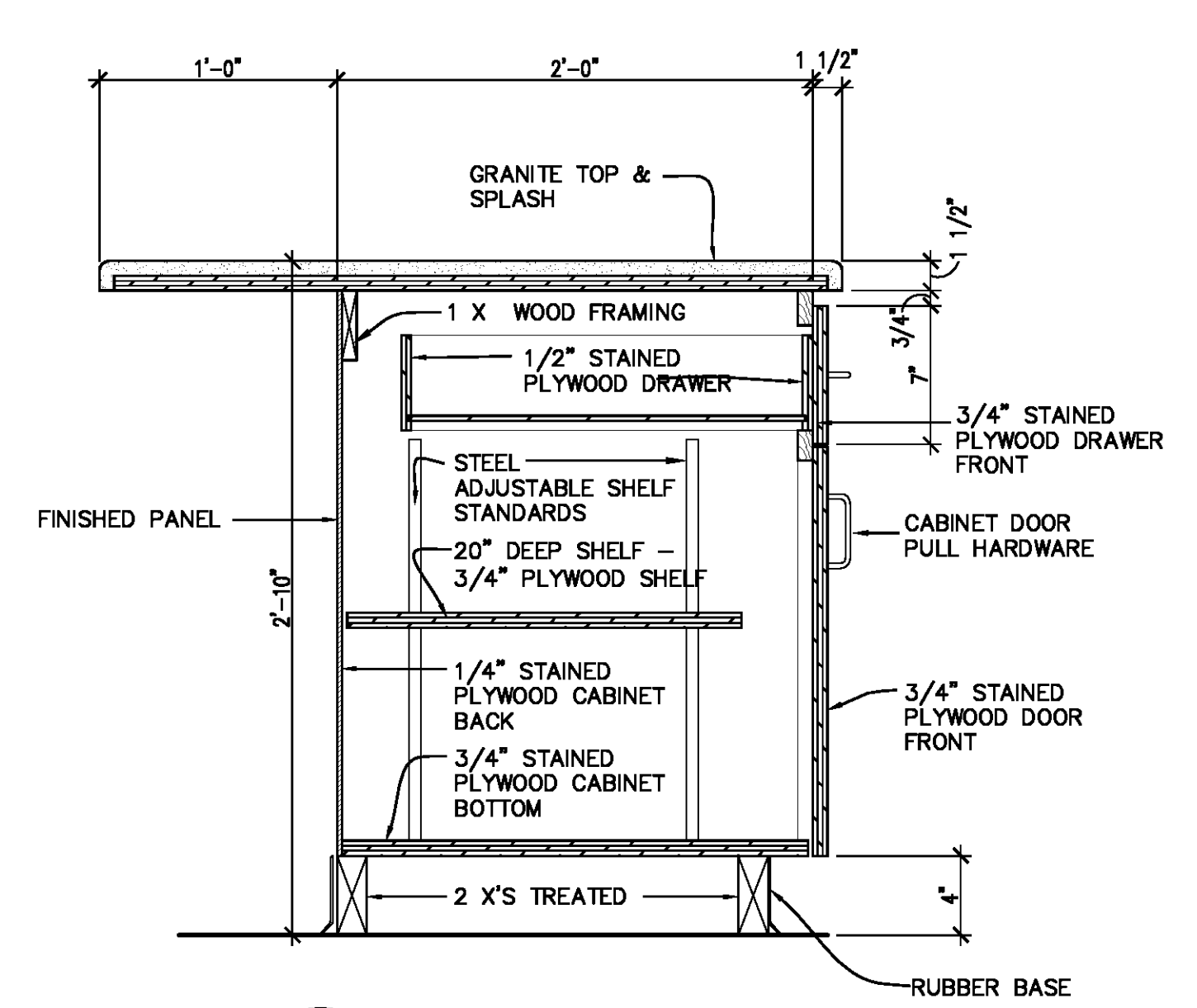
1 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



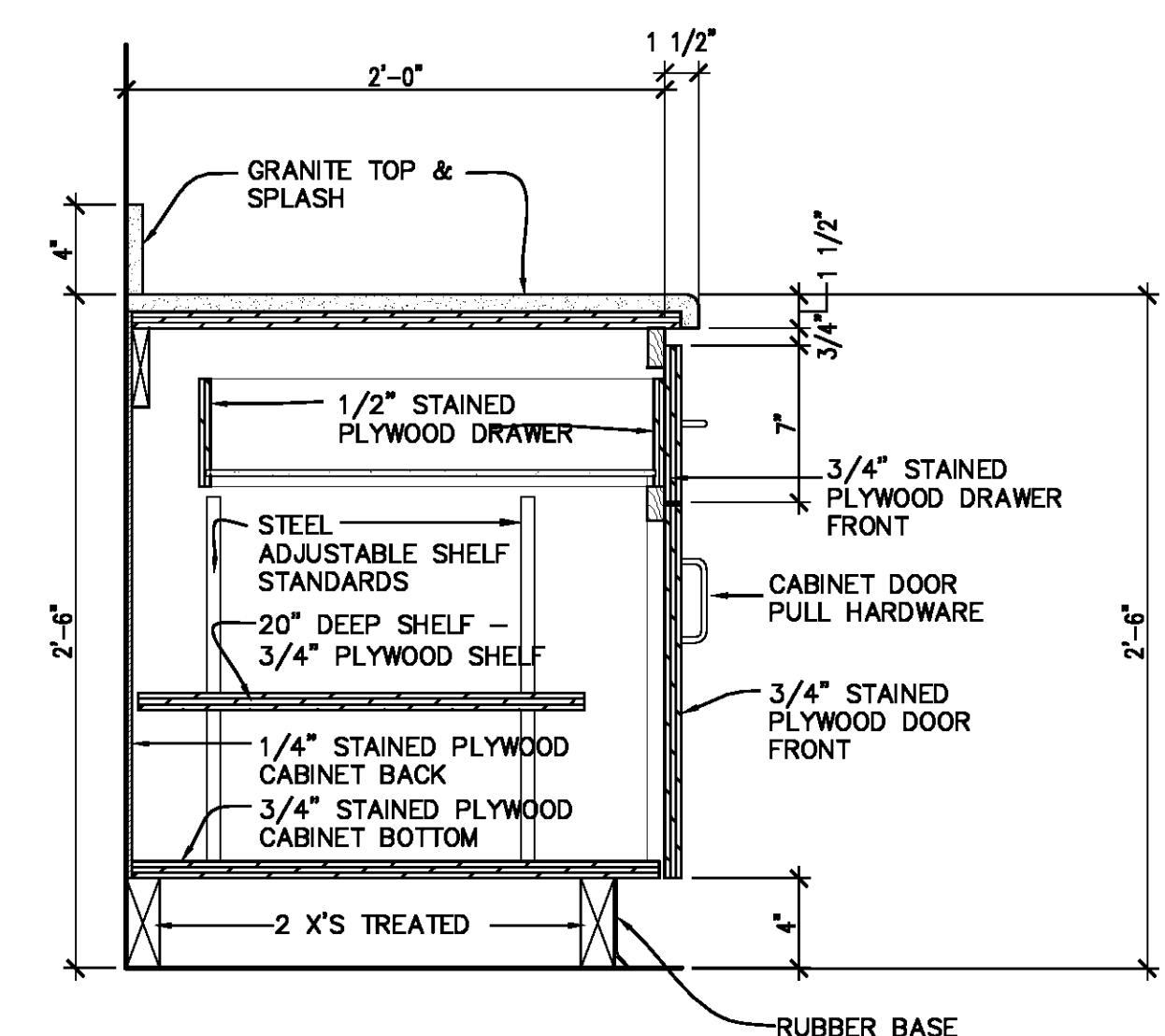
2 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



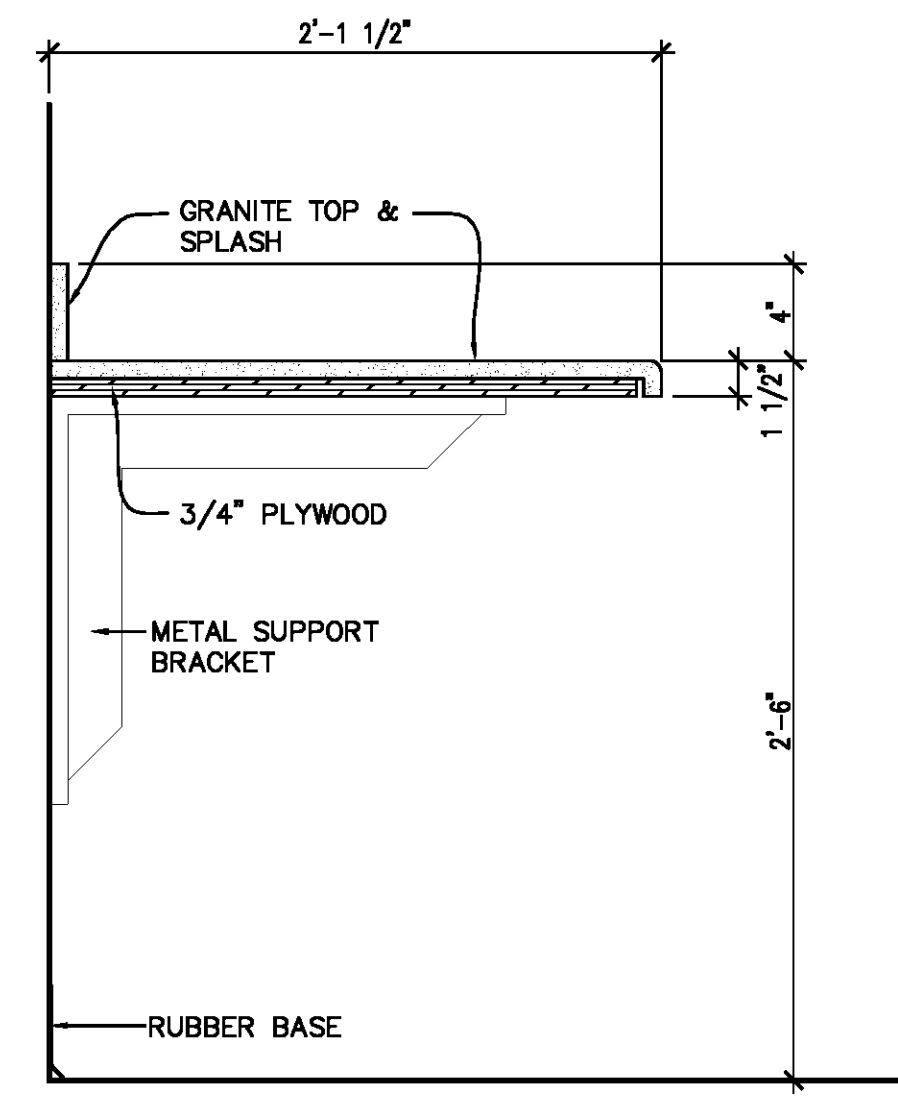
3 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



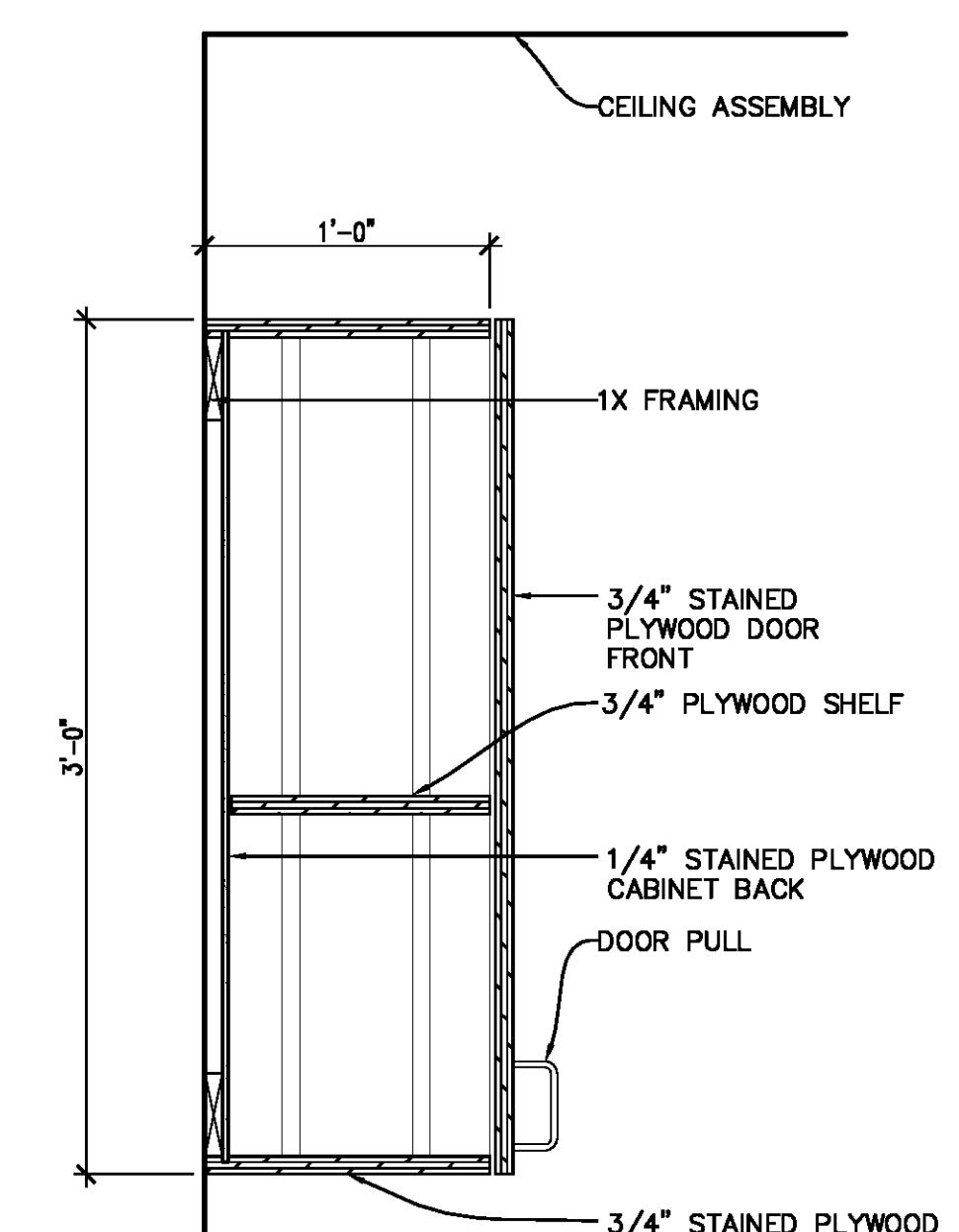
4 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



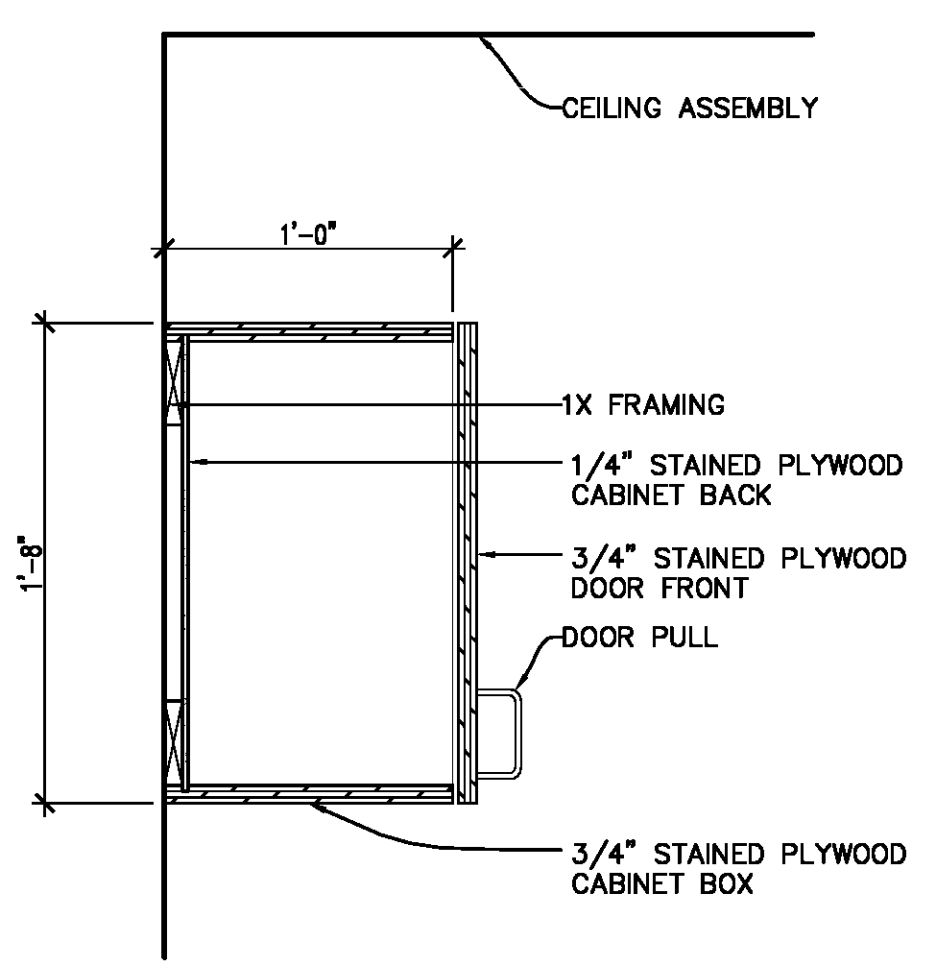
5 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



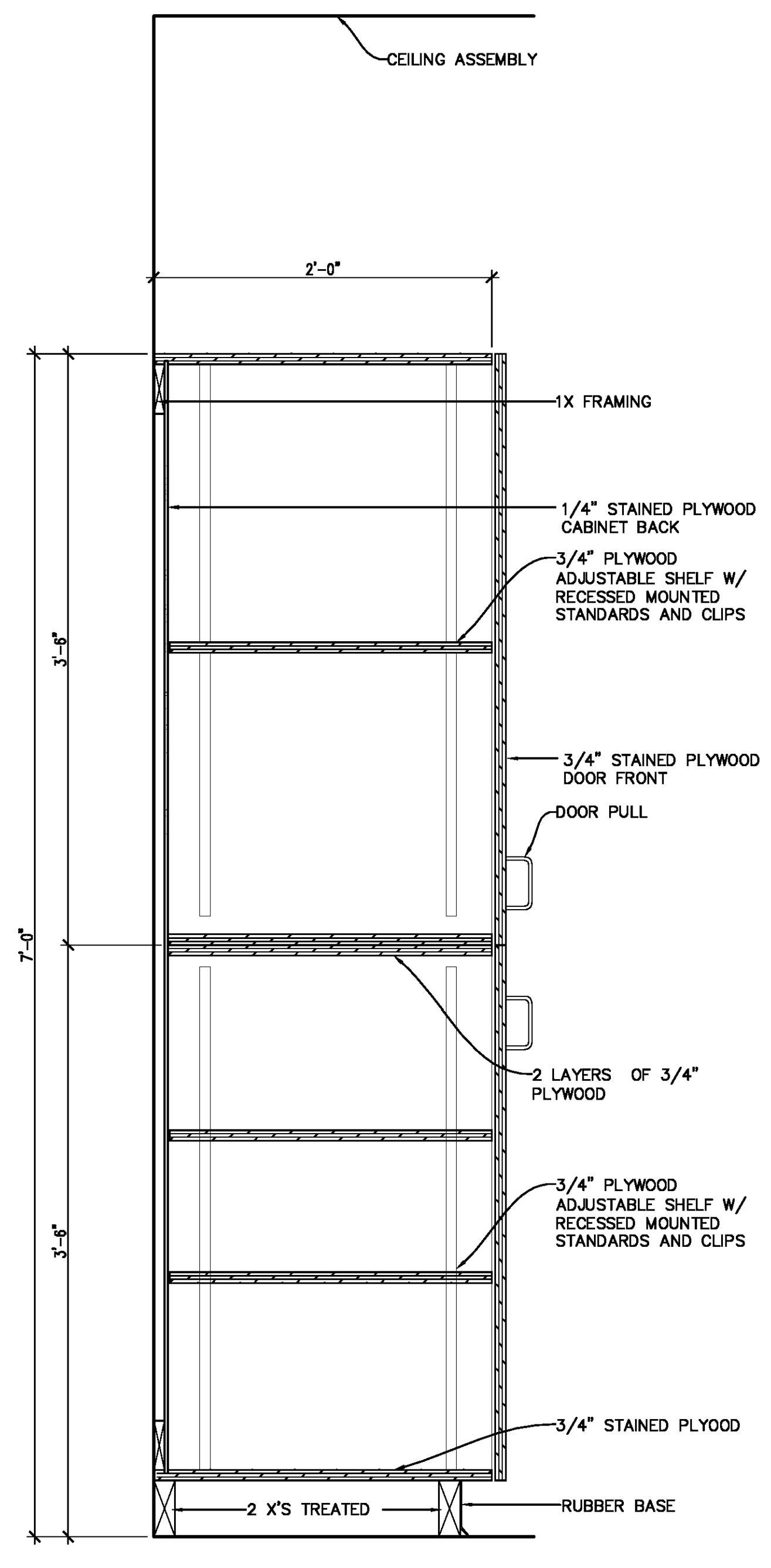
6 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



7 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



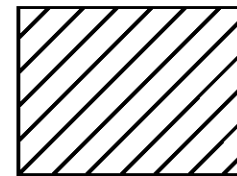
8 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"



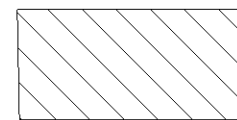
9 CASEWORK SECTION
A9.1 SCALE: 1 1/2" = 1'-0"

DRAINAGE CONSTRUCTION NOTES

1. THE EARTHWORK FOR ALL BUILDING FOUNDATIONS AND SLABS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL BUILDING PLANS AND SPECIFICATIONS.
2. ADJUST PAVEMENT ELEVATIONS AS NECESSARY TO ASSURE AS SMOOTH FIT AND CONTINUOUS GRADE WITH EXISTING.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
4. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
5. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION SUCH AS BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, ETC. REPAIRS SHALL BE EQUAL OR BETTER THAN EXISTING CONDITIONS.
6. PROPOSED SPOT GRADES ARE SHOWN ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
7. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FACILITY TO ALL SLOPES 3:1 V OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH STANDARD SPECIFICATIONS UNTIL A HEAVY STAND OF GRASS IS OBTAINED.
8. CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
9. AFTER PERMITS HAVE BEEN OBTAINED AND EROSION CONTROL MEASURES INSTALLED, THE CONTRACTOR SHALL GRADE BUILDING PAD TO 0 TO 12" OF SUB GRADE.
10. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL ON SITE AT ALL TIMES. WATERING SITE AS OFTEN AS NEEDED.
11. CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF ADJACENT PROPERTIES TO SITE. IF EXISTING GRADES DO NOT MATCH THOSE SHOWN ON THIS PLAN, CONTRACTOR SHALL NOTIFY OWNERS PROJECT MANAGER.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRAFFIC CONTROL NECESSARY FOR DRIVE DEMOLITION/CONSTRUCTION.
13. ALL HANDICAP ACCESSIBLE RAMPS, SIDEWALKS, ROUTES, ETC. MUST BE CONSTRUCTED IN ACCORDANCE WITH FEDERAL, STATE, CITY STANDARDS. IN THE EVENT THESE REQUIREMENTS CANNOT BE MET, J.V. BURKES & ASSOCIATES SHALL BE NOTIFIED PRIOR TO CONSTRUCTION FOR AN ALTERNATE SOLUTION.



6" CONCRETE PAVEMENT - 4000 PSI

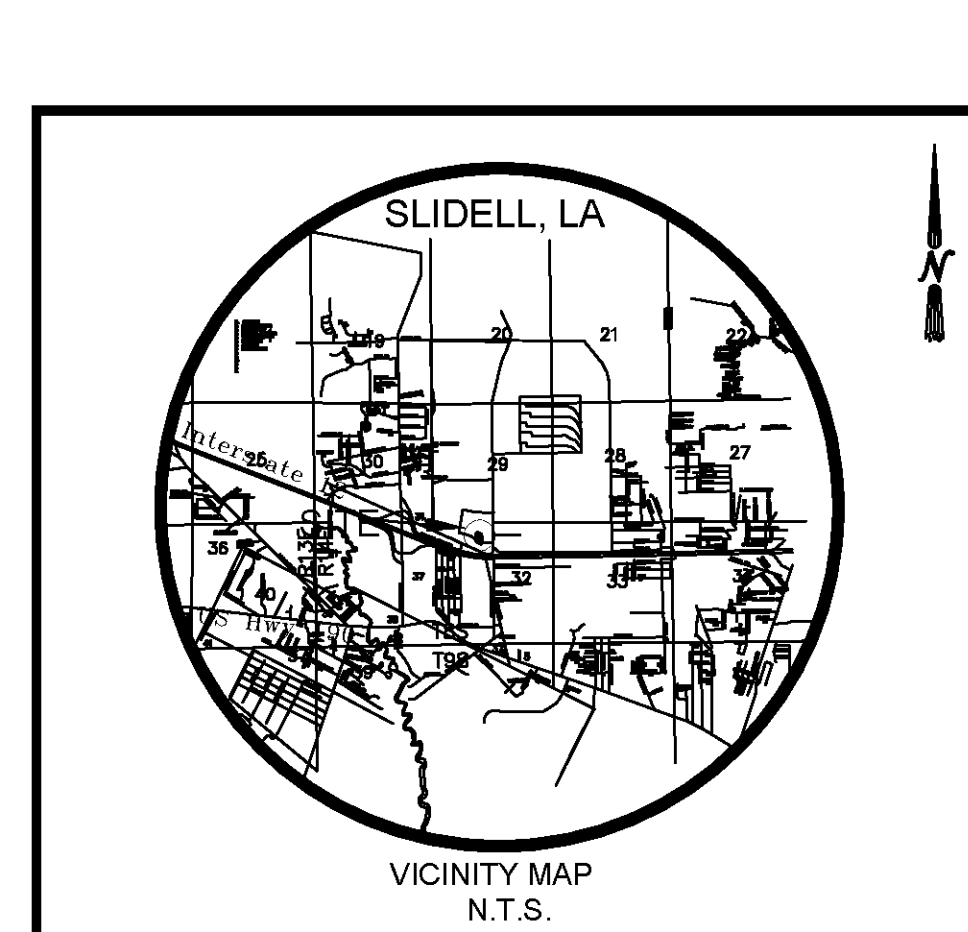
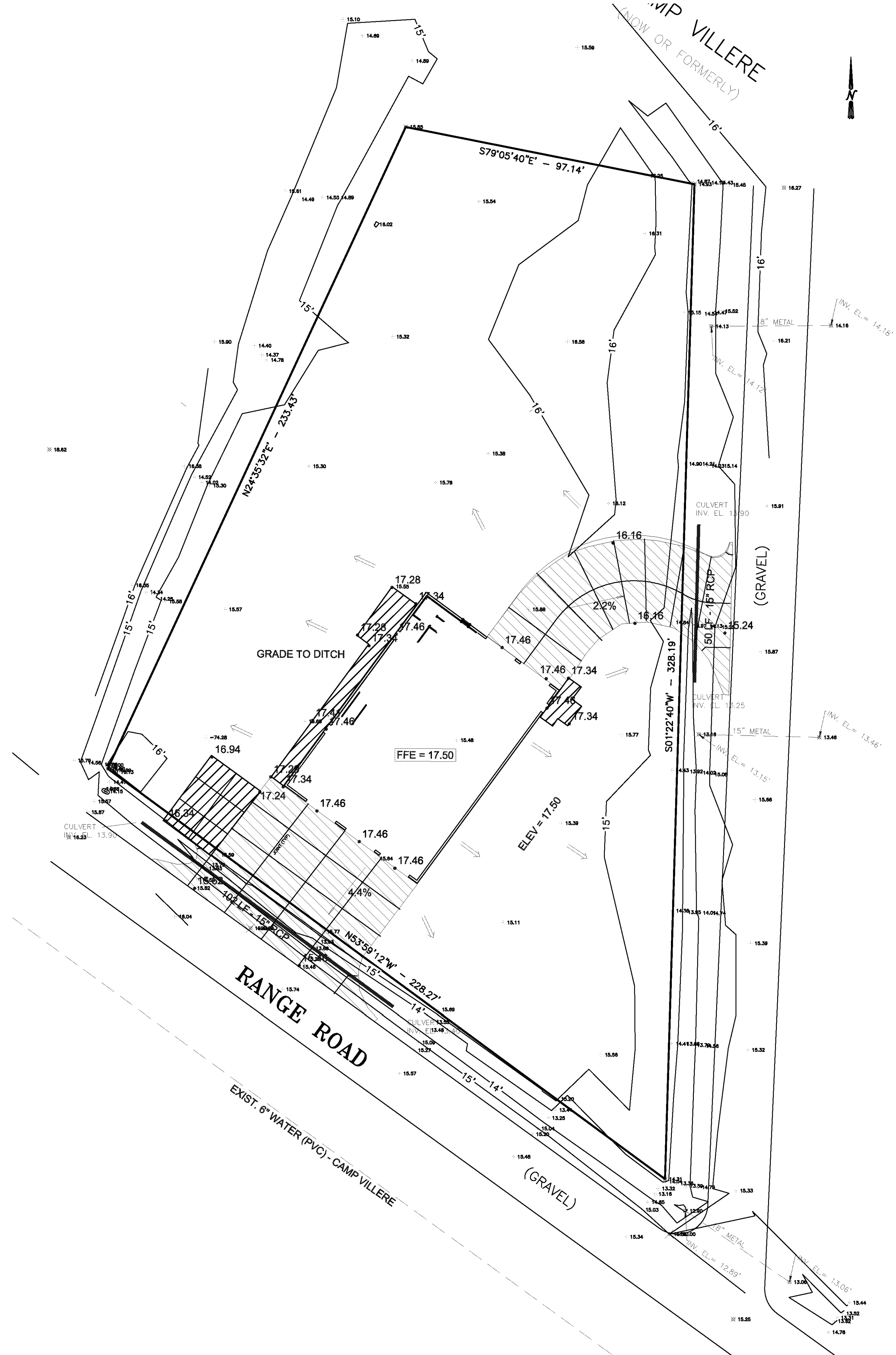
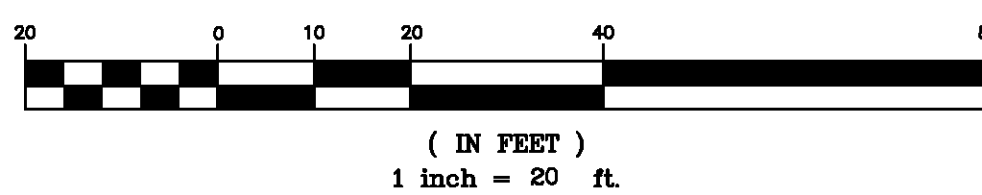


REMAINDER OF PAVEMENT = 7.5" CONCRETE PAVEMENT - 4000 PSI

THESE PLANS ARE SUBJECT TO REVIEW AND APPROVAL BY JURISDICTIONAL ENTITIES

CALL LA ONE CALL FOR UTILITY LOCATION PRIOR TO BEGINNING CONSTRUCTION

GRAPHIC SCALE



VICINITY MAP N.T.S.

GENERAL NOTES

1. The Contractor shall coordinate with utility companies to determine exact location of sewer connection at site. Utility reports to be provided and urban drawings submitted to the contractor for review.
2. General Contractor must provide a 'as built' format upon completion.
3. All elevations shown are in reference to the benchmark and must be verified by the General Contractor at your break.
4. All drainage areas shall be routed to the curb and into the gutter.
5. It is strongly recommended that no contract alterations of any kind be made prior to the start of construction. Any changes to the contract shall be in writing and approved by the architect.
6. Due to the nature of the work, dimensions shown shall be considered approximate. Contractor shall verify dimensions prior to construction. Shop drawings shall be submitted to the Architect and Engineer for approval prior to fabrication of any metal or any form.
7. All devices around the drain shall be made sub-grade and shall be installed on a concrete pad.
8. All materials and construction methods shall be in accordance with the specifications and R.O.W. shall conform to the minimum standards of the State of Louisiana. All materials shall be approved by J.V. Burkes & Associates, Inc. The Contractor shall not use the Engineer's name in any advertisement or on any sign to the contrary. The Contractor shall be responsible for all costs of any and all structures, storm sewer, sanitary sewer, water, gas, telephone, etc. which may be required for the construction of the project.
9. The Contractor shall be responsible for the design and construction of all structures, storm sewer, sanitary sewer, water, gas, telephone, etc. which may be required for the construction of the project. The Contractor shall be responsible for the design and construction of all structures, storm sewer, sanitary sewer, water, gas, telephone, etc. which may be required for the construction of the project.
10. The Contractor shall be responsible for the design and construction of all structures, storm sewer, sanitary sewer, water, gas, telephone, etc. which may be required for the construction of the project.
11. The Contractor shall be responsible for the design and construction of all structures, storm sewer, sanitary sewer, water, gas, telephone, etc. which may be required for the construction of the project.

PAVING SPECIFICATION

VERIFY WORKMAN	ASPHALT	CONCRETE
CONTRACTOR TO ID	ASPHALT	CONCRETE

NOTE: ALL PAVING SUBGRADE SPECIFICATIONS TO COMPLY WITH GEOTECHNICAL REPORT

CONCRETE PAVEMENT RECOMMENDATIONS

PAVEMENT MATERIALS	SIDEWALK	PARKING	HEAVY DUTY
Port and Cement Concrete P/MT	5"	5"	7.5"
101' Threshold	4"	4"	4"

- PAVEMENT NOTES:**
1. PAVEMENT AND SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
 2. EXISTING STRUCTURES SHALL BE REMOVED FULLY AND PROPERLY DISPOSED OF INCLUDING FOUNDATIONS, FLOOR SLABS, PAVEMENTS, UNDERGROUND UTILITIES THAT ARE NOT REUSED. EXISTING PILES THAT DO NOT INTERFERE WITH NEWLY INSTALLED PILES SHOULD BE CUT OFF A MINIMUM OF 2 FEET BELOW FINISHED GRADE. ORGANIC AND COMPRESSIBLE SOILS SHALL BE REMOVED AND THE EXPOSED SUBGRADE PROPERLY PREPARED PRIOR TO PAVEMENT INSTALLATION.
 3. SUBGRADE SHOULD BE PROOF ROLLED TO AT LEAST 95% OF THE STANDARD PROCTOR ASTM D 1557 MAXIMUM DRY DENSITY AT MOISTURE CONTENT BETWEEN 1 TO 3 PERCENT OF OPTIMUM MOISTURE CONTENT. SELECT FILL SHOULD BE PLACED AND COMPACTED IN LIFTS IMMEDIATELY AS RECOMMENDED IN REPORT.
 4. BASE COURSE SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF SELECT FILL COMPACTION TO PREVENT DRYING OF SOILS.
 5. CRUSHED LIMESTONE SHALL MEET LATEST STANDARDS OF LOUISIANA SPECIFICATION FOR ROADS AND RIGIDS (SSR - SECTION 100.03 AND BE COMPACTED TO 95% ASTM D 1557 WITHIN 3% OF OPTIMUM WATER CONTENT.
 6. STRUCTURAL FILL MAY CONSIST OF PUMPED RIVER SAND, HAVING LESS THAN 10% PASSING 200 SIEVE - SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY PER ASTM D 1557 TEST.
 7. CONCRETE PAVEMENT SHALL HAVE MIN. COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS AND SHOULD HAVE 4 TO 7 PERCENT ENTRAINED AIR TO IMPROVE DURABILITY AND SHALL BE REINFORCED WITH 3 #4'S @ 18" O.C.E.W.
 8. JOINTS SHALL BE SPACED AT A MINIMUM OF 10 FEET.
 9. DUE TO SENSITIVE SOILS - IT IS IMPERATIVE THAT MINIMUM DISTURBANCE TO THE SUBGRADE SHALL BE ALLOWED AS SOLES MAY OCCUR INSTANTLY. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO CONTRACTOR SUPPLIED AGGREGATE AREAS OR STABILIZED AREAS AS NECESSARY. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT DURATION OF THE PROJECT.

SURVEY INFORMATION

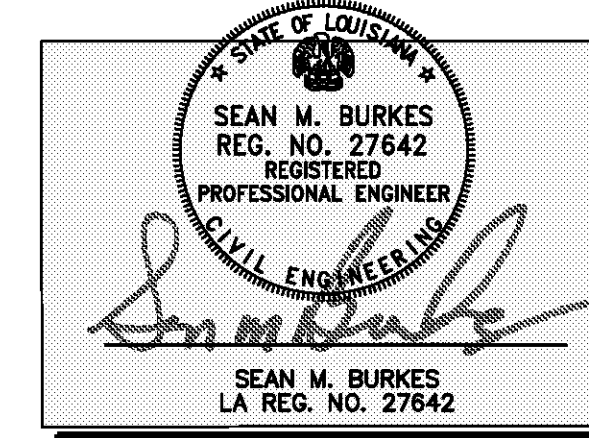
PREPARED BY: J.V. Burkes & Associates, Inc.
 LEGAL DESCRIPTION: 0.9 ACRES IN 29-8-14
 1805 Shortcut Hwy Slidell, Louisiana 70458
 DATE: JANUARY 2014
 CITY OF SLIDELL
 ST. TAMMANY PARISH, LOUISIANA

PLAN SCALE: 1" = 20'
 ADDITION

STREET ADDRESS: RANGE ROAD - CAMP VILLERE
 CITY: SLIDELL, LOUISIANA

PARISH: ST. TAMMANY SURVEY: A STRACT NO.

LIC NUMBER: ER: COPORATE DWG. NAME



J.V. Burkes & Associates, Inc.
 SURVEYING ENGINEERING ENVIRONMENTAL
 1805 Shortcut Highway Slidell, Louisiana 70458
 E-mail: jvboces@jvboces.com
 Phone: 985-649-0075 Fax: 985-649-0154
 Mississippi Phone: 228-435-5800

f+ WB
fautleroy latham weldon barré architects
a professional corporation in continuous practice since 1981
 architecture
 planning
 interiors
 sustainable design
 consulting
 229 ST. JOHN LANE
 COVINGTON, LA 70433
 985-893-4100

PROJECT DESCRIPTION

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

34780 South Range Road
 SLIDELL, LA 70460

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Issue	Date	Remarks

DRAINAGE AND PAVING PLAN

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	C1.0
Drawn by	SM		
Checked by	JV		
Date	14 MARCH 2014		

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PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460

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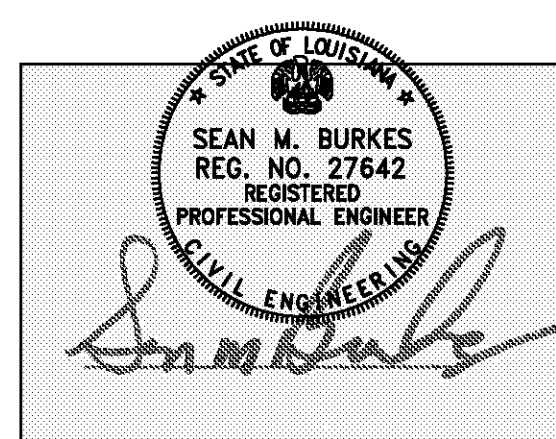
Issue	Date	Remark

UTILITY PLAN

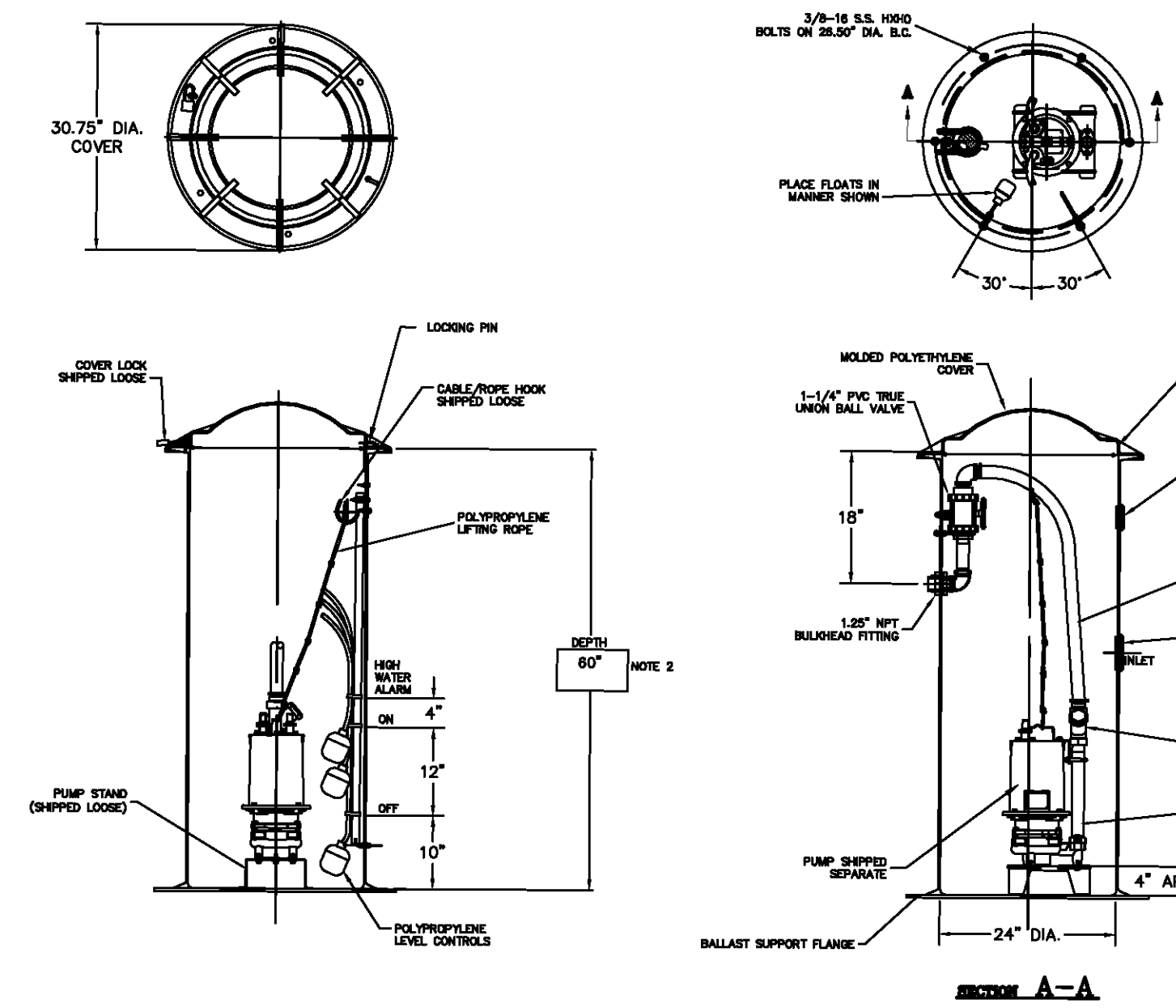
CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	
Drawn by	SM		
Checked by	JV		
Date	14 MARCH 2014		

C2.0

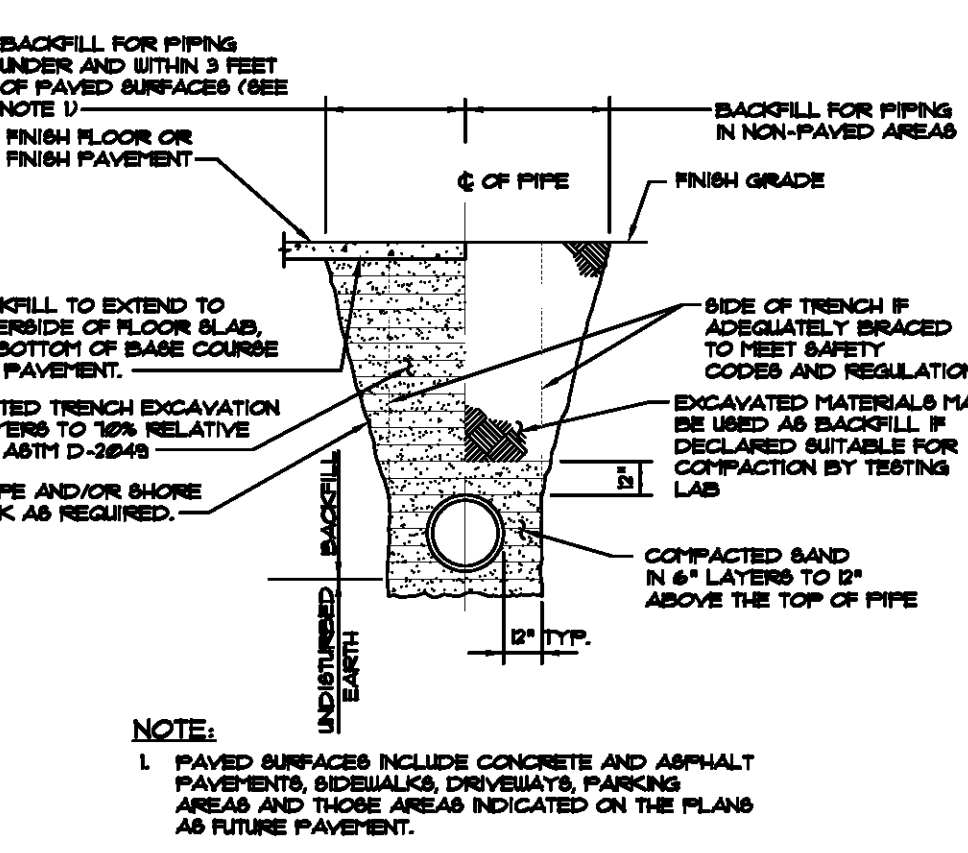


J.V. Burkes & Associates, Inc.
SURVEYING ENGINEERING • ENVIRONMENTAL
1805 Shortall Highway
Slidell, Louisiana 70458
E-mail: jvboces@jvburkes.com
Phone: 985-649-0075 Fax: 985-649-0154
Mississippi Phone: 228-435-5800

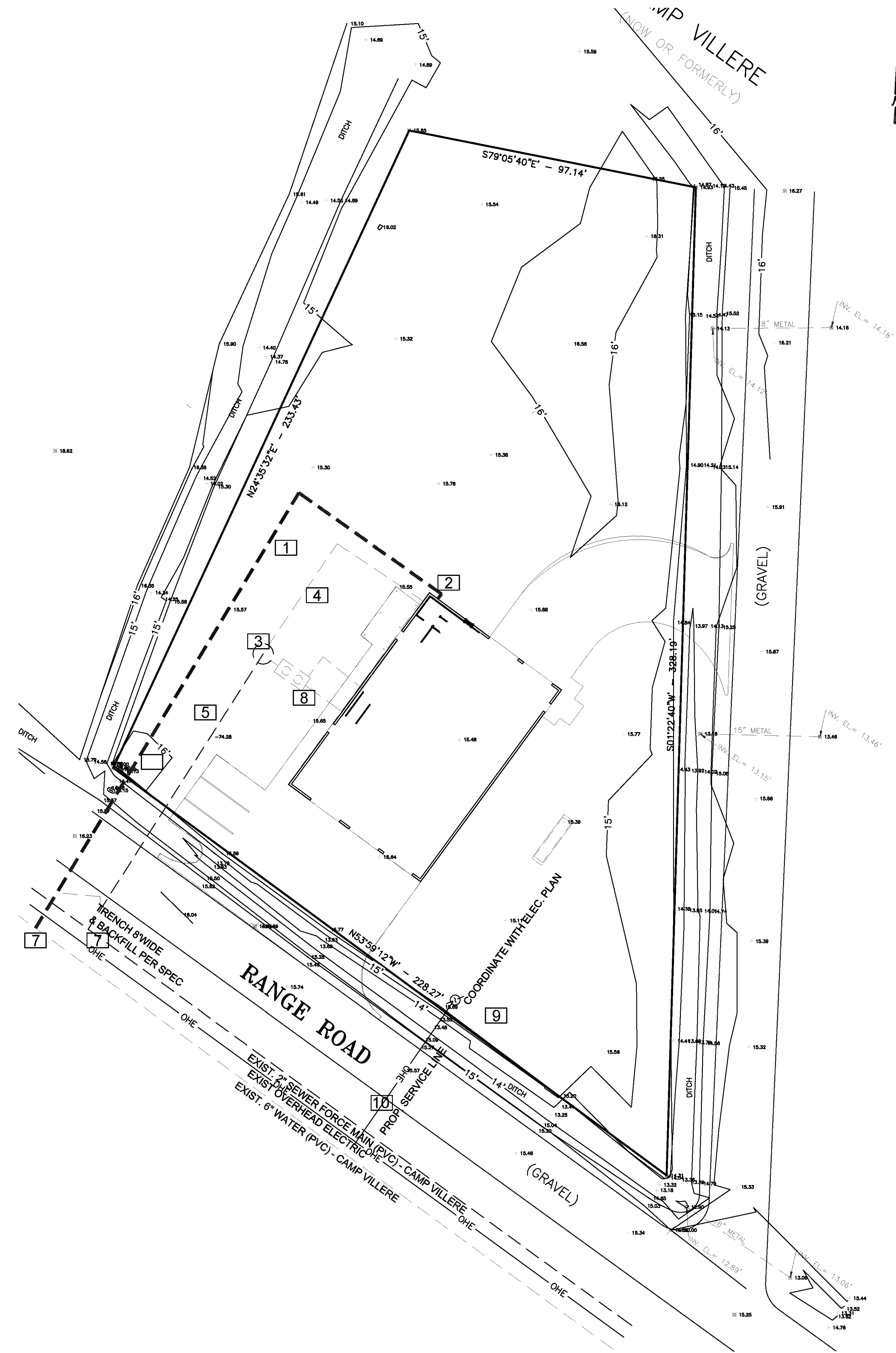


- NOTES:
1) ALL DIMENSIONS TO BE ±.13 UNLESS OTHERWISE SPECIFIED.
2) BASIN DEPTHS IN 6 INCH INCREMENTS UP TO 96 INCHES, THEN 12 INCH INCREMENTS. CONSULT FACTORY FOR OTHER DEPTHS.
3) ANTI-SIPHON PORT DRILLED AT FACTORY.

SIMPLEX GRINDER PUMP STATION DETAIL
NT6



PIPE BEDDING AND BACKFILL DETAIL
NT6



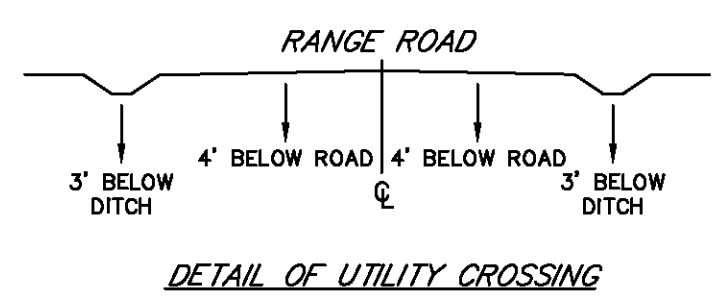
UTILITY NOTES

- ALL UTILITY ELECTRICAL CONDUIT RUNS ARE SCHEMATIC ONLY. LOT LIGHTS ARE TO BE WIRE TO 2 TWO OR MORE CIRCUITS IN AN ALTERNATING SEQUENCE.
- PRIVATE UTILITY CONNECTIONS SHOWN ARE SCHEMATIC ONLY. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES PRIOR TO ID.
- THESE PLANS ARE SUBJECT TO REVIEW AND APPROVAL BY JURISDICTIONAL ENTITIES.
- OFFSITE UTILITIES - IT IS INTENDED FOR THE PROPOSED LINES TO RUN WITHIN THE STATE PUBLIC RIGHT OF WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THIS LINE PRIOR TO ORDERING MATERIALS.
- WARNING THERE ARE FIBER OPTIC AS WELL AS OTHER UTILITY LINES WITHIN THE PUBLIC RIGHT OF WAY. PLEASE COORDINATE PRIOR TO CONSTRUCTION WITH ALL OF THE UTILITY COMPANIES. ALL NEWLY INSTALLED WATER AND WASTEWATER LINES SHALL BE INSPECTED BY CITY ENGINEERING OFFICE 985-4-4270 PRIOR TO ACKFILLING THE TRENCH.
- NEWLY INSTALLED WATER MAIN SHALL NOT BE PERMANENTLY CONNECTED TO THE CITY'S WATER SYSTEM UNTIL A ACTERIA SAMPLE HAS BEEN CLEARED BY DHR 985-4-448. THE CITY WILL PROVIDE A TEMPORARY CONNECTION FOR ALL NEWLY INSTALLED WATER MAINS WHICH SHALL BE A 2" CHECKFLOW DEVICE FOR CHARGING AND TEST PURPOSES ONLY.
- CONTRACTOR TO INSTALL NEW WATER MAIN WITHIN 4 FEET OF CITY'S WATER SYSTEM. ONCE ACTERIA SAMPLE HAS BEEN CLEARED, THE CITY WILL REMOVE CHECKFLOW DEVICE AND PERMIT THE CONTRACTOR TO CONNECT TO WATER SYSTEM.
- CONTRACTOR SHALL NOT OPERATED WATER OR WASTEWATER VALVES WITHIN CITY SYSTEM.
- CONTRACTOR SHALL INSTALL A DOUBLE CHECK VALVE FOR THE WATER LINE CONNECTION TO THE BUILDING - WATTS 800MA T - FOR IRRIGATION SYSTEMS, WATTS LF507 - FOR POTABLE WATER CONNECTION TO BUILDING, WATTS 757DCDA/757NDCA - FOR FIRE LINE SPRINKLER SYSTEMS.
- CONTACT KENNY MARTIN WITH THE CITY OF SLIDELL ENGINEERING DEPARTMENT IN ORDER TO INSPECT ALL UTILITIES WITHIN THE PUBLIC RIGHT OF WAY. KENNY WILL PERFORM A PRESSURE TEST ON THE WATER LINE AND EXFILTRATION TEST AND LAMP THE SEWER LINES. (985-646-4270)

UTILITY NOTE SCHEDULE

1	230 LF 1-1/2" PVC WATER LINE
2	1-1/2" RP FP DEVICE
3	SIMPLEX GRINDER PUMP STATION - ARNES MODEL SOV-2022C 2HP 220V SINGLE PHASE 3450 RPM 24" DIAMETER 0" FL ERGLASS ASIN, NEMA 4 RO ROY FL ERGLASS ENCLOSURE CONTROL PANEL
4	4" PVC SDR 35 - GRAVITY SEWER LINE - PER PLUMBING PLAN
5	110 LF 2" PVC SDR 21 - SEWER FORCE MAIN
6	WATER METER WITH MAIN VALVE IN C.I. O
7	TAP PAID FOR BY CONTRACTOR TO CITY OF SLIDELL
8	OIL/WATER SEPARATOR - SEE PLUMBING PLAN
9	ELECTRICAL SERVICE POLE
10	ELECTRICAL TIE IN

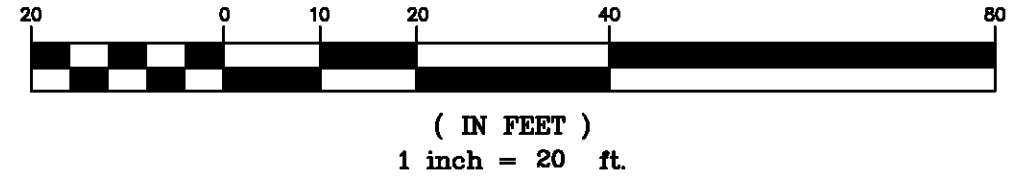
- NOTES:
1. HORIZONTAL CLEARANCE OF 10' MINIMUM TO BE MAINTAINED BETWEEN SEWER AND WATER LINES.
2. VERTICAL CLEARANCE OF 18" MINIMUM TO BE MAINTAINED BETWEEN SEWER AND WATER CROSSINGS.
3. ALL WATER LINES SHALL CONFORM TO AWWA SPECIFICATIONS C - 900 WITH A SDR OF 18 CLASS 160.
4. TRACER WIRE OR TAPE SHALL BE INSTALLED IN THE TRENCH



THESE PLANS ARE SUBJECT TO REVIEW AND APPROVAL BY JURISDICTIONAL ENTITIES

CALL LA ONE CALL FOR UTILITY LOCATION PRIOR TO BEGINNING CONSTRUCTION

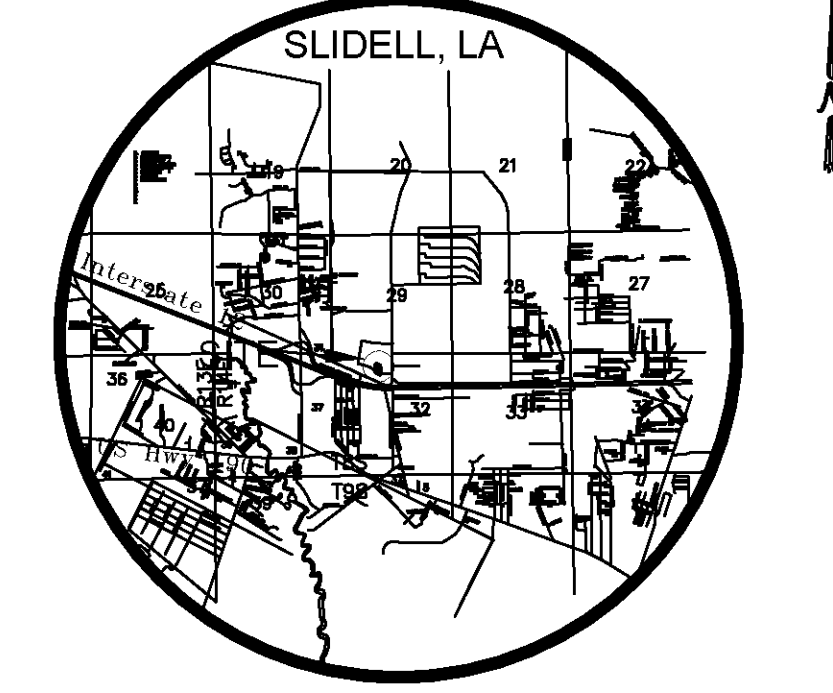
GRAPHIC SCALE



PROJECT DESCRIPTION

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

34780 South Range Road
SLIDELL, LA 70460



VICINITY MAP N.T.S.

GENERAL NOTES

- The Contractor shall coordinate with all utility companies to determine and locate all existing and proposed utility lines before construction. The Contractor shall be responsible for the location and marking of all utility lines. The Contractor shall be responsible for the location and marking of all utility lines.
- General Contractor must provide a 12" minimum curb on all sidewalks.
- All elevations shown are in reference to the benchmark and must be verified by the General Contractor at your risk.
- All areas to be paved shall be prepared to receive a 12" minimum curb and cutouts.
- If a storm is recommended that no curbs are required, the contractor shall be responsible for the location and marking of all utility lines.
- Excavations shall be backfilled with approved material and compacted in 6" lifts.
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- All areas to be paved shall be prepared to receive a 12" minimum curb and cutouts.
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PAVING SPECIFICATION	VERIFY WORKMAN	ASPHALT	CONCRETE
	CONTRACTOR TO ID	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONCRETE PAVEMENT RECOMMENDATIONS			
PAVEMENT MATERIALS	SIDEWALK	PARKING	HEAVY DUTY
Port and Cement Concrete P/MT	5"	5"	7.5"
TOT Thickness	4"	4"	4"

- PAVEMENT NOTES:
- PAVEMENT AND SUB GRADE SHALL BE PREPARED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
 - EXISTING STRUCTURES SHALL BE REMOVED FULLY AND PROPERLY DISPOSED OF INCLUDING FOUNDATIONS, FLOOR SLABS, PAVEMENTS, UNDERGROUND UTILITIES THAT ARE NOT REUSED. EXISTING PILES THAT DO NOT INTERFERE WITH NEWLY INSTALLED PILES SHOULD BE CUT OFF A MINIMUM OF 2 FEET BELOW FINISHED GRADE. ORGANIC AND COMPRESSIBLE SOILS SHALL BE REMOVED AND THE EXPOSED SUB GRADE BE PROPERLY PREPARED PRIOR TO PAVEMENT INSTALLATION.
 - SUB GRADE SHOULD BE PROOF ROLLED TO AT LEAST 95% OF THE STANDARD PROCTOR. ASTM D 1557. MINIMUM DRY DENSITY AT MOISTURE CONTENT BETWEEN 1 TO 3 PERCENT OF OPTIMUM MOISTURE CONTENT. SELECT FILL SHOULD BE PLACED AND COMPACTED IN LIFTS IMMEDIATELY AS RECOMMENDED IN REPORT.
 - BASE COURSE SHOULD BE PLACED IMMEDIATELY UPON COMPLETION OF SELECT FILL COMPACTION TO PREVENT DRYING OF SOILS.
 - CRUSHED LIMESTONE SHALL MEET LATEST STANDARDS OF LOUISIANA SPECIFICATION FOR ROADS AND RIGID LBSR. SECTION 1003.03 AND BE COMPACTED TO 95% YASTM D 1557 WITH 3% OF OPTIMUM WATER CONTENT.
 - STRUCTURAL FILL MAY CONSIST OF PUMPED RIVER SAND, HAVING LESS THAN 10 PASSING 200 SIEVE - SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY PER ASTM D 1557.
 - CONCRETE PAVEMENT SHALL HAVE MIN. COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS AND SHOULD HAVE 4 TO 7 PERCENT ENTRAINED AIR TO IMPROVE DURABILITY AND SHALL BE REINFORCED WITH 3 BARS @ 18" O.C.E.W.
 - JOINTS SHALL BE SPACED AT A MINIMUM OF 30' O.C.E.W.
 - DUE TO SENSITIVE SOILS - IT IS IMPERATIVE THAT MINIMUM DISTURBANCE TO THE SUB GRADE SHALL BE ALLOWED AS SOLES MAY OCCUR UNLESS CONSTRUCTION TRAFFIC SHALL BE LIMITED TO CONTRACTOR SUPPLIED AGGREGATE AREAS OR STA. ILLI ED AREAS AS NECESSARY. POSITIVE DRAINAGE SHALL BE MAINTAINED THROUGHOUT DURATION OF THE PROJECT.

THESE DRAWINGS ARE THE SOLE PROPERTY OF FAUTLEROY LATHAM WELDON BARRÉ ARCHITECTS, APC, AND ARE ISSUED AS INSTRUMENTS OF SERVICE. THESE DRAWINGS SHALL NOT BE COPIED, REPRODUCED OR USED IN ANY MANNER WITHOUT WRITTEN CONSENT OF FAUTLEROY LATHAM WELDON BARRÉ ARCHITECTS, APC.

Issue	Date	Remarks

SURVEY INFORMATION

PREPARED BY: J.V. Burkes & Associates, Inc.
1805 Shortcut Hwy
Slidell, Louisiana 70468
850-46-0075
DATE: JANUARY 2014

LEGAL DESCRIPTION: D.9 ACRES IN 29.8-14
CITY OF SLIDELL
ST. TAMMANY PARISH, LOUISIANA

PLAN SCALE: 1" = 20'
ADDITION

STREET ADDRESS
RANGE ROAD - CAMP VILLERE

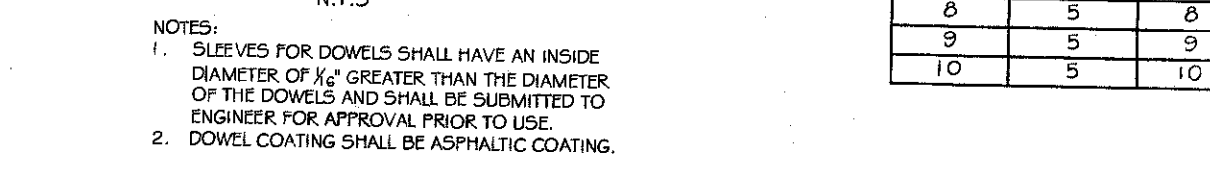
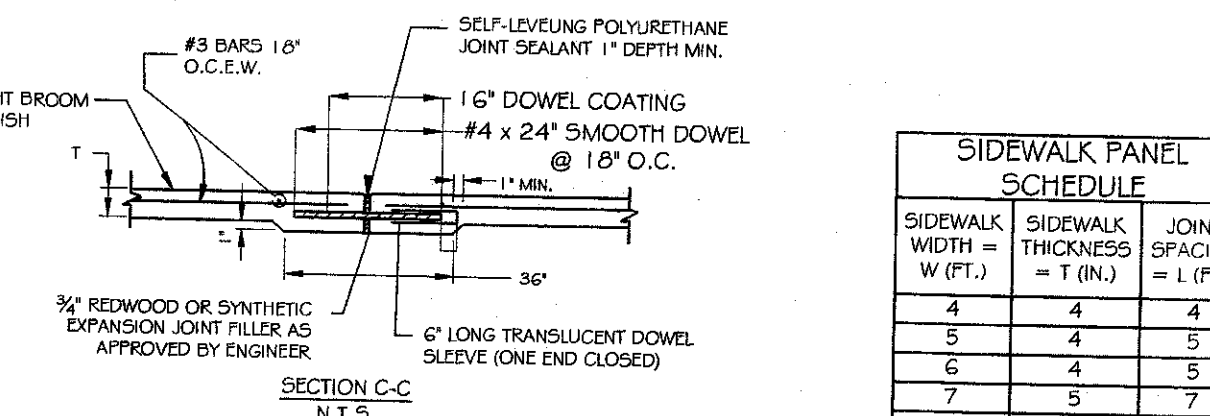
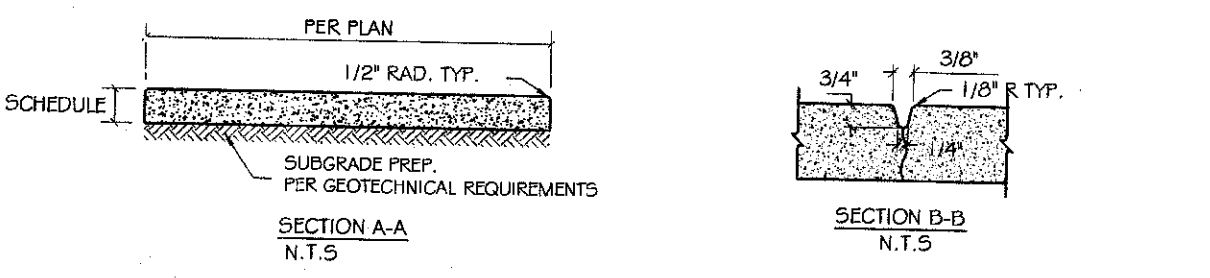
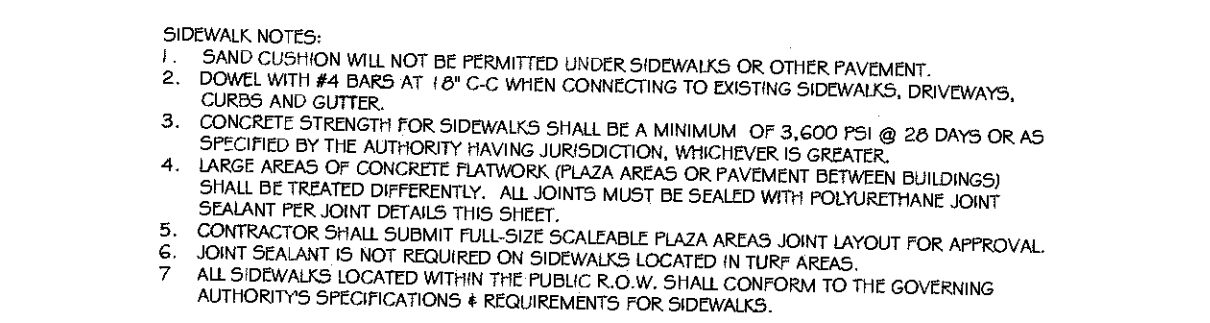
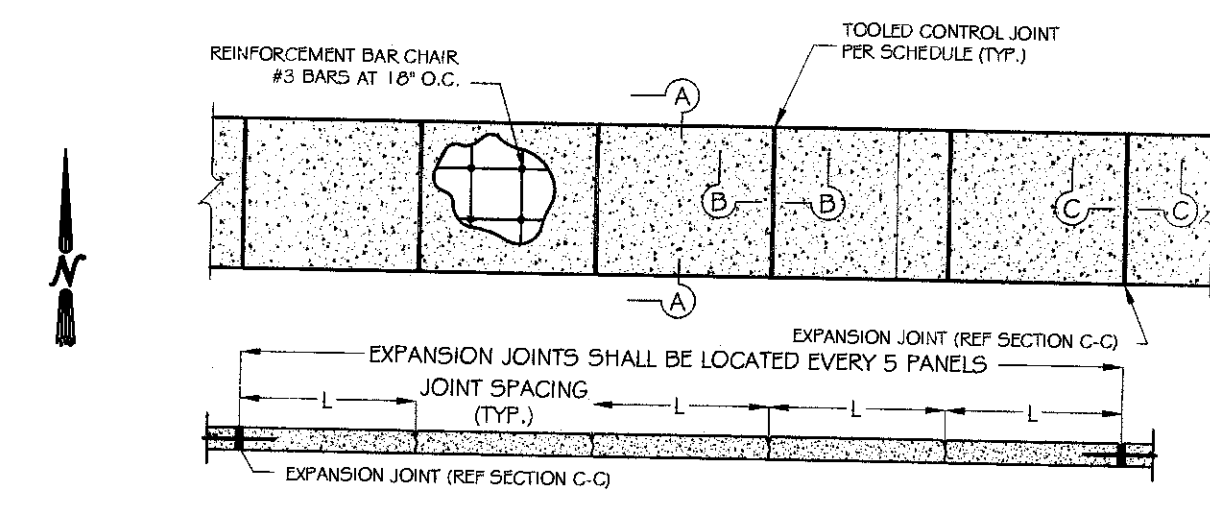
CITY: **SLIDELL, LOUISIANA**

PARISH: **ST. TAMMANY** SURVEY: A STRACT NO.

LIC NUM ER: COPORATE DWG. NAME

CONSTRUCTION DOCUMENTS

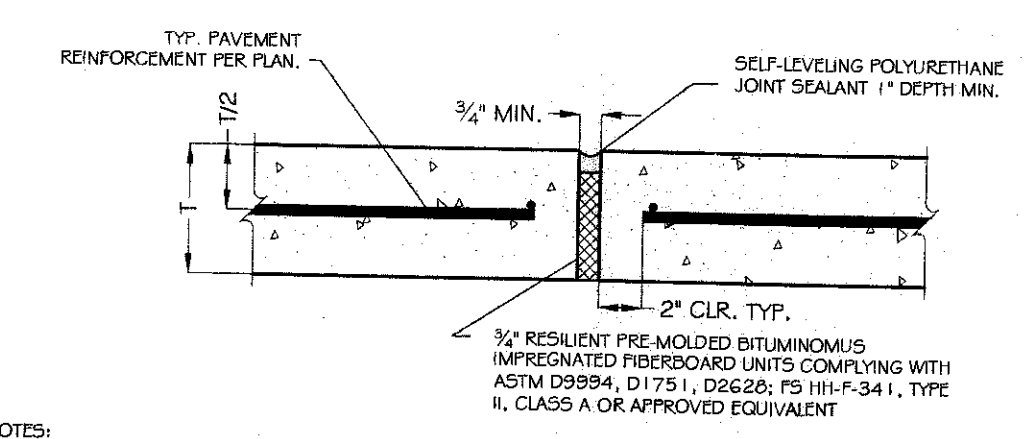
Job No	213058.02	Sheet No	C3.0
Drawn by	SM	Checked by	JV
Date	14 MARCH 2014		



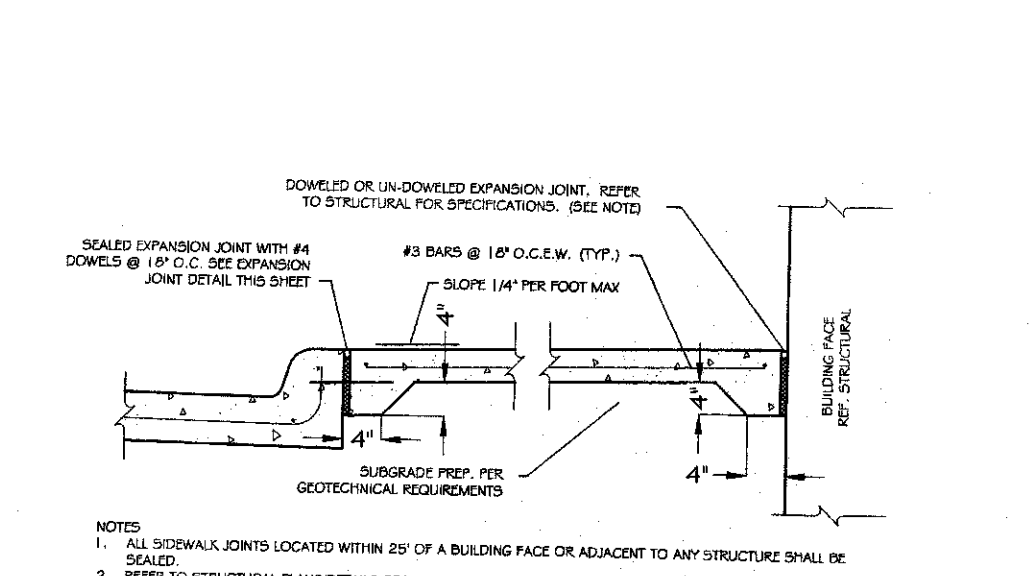
SIDEWALK DETAILS

- NOTES:
- SLEEVES FOR DOWELS SHALL HAVE AN INSIDE DIAMETER OF 1/2" GREATER THAN THE DIAMETER OF THE DOWELS AND SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO USE.
 - DOWEL COATING SHALL BE ASPHALTIC COATING.

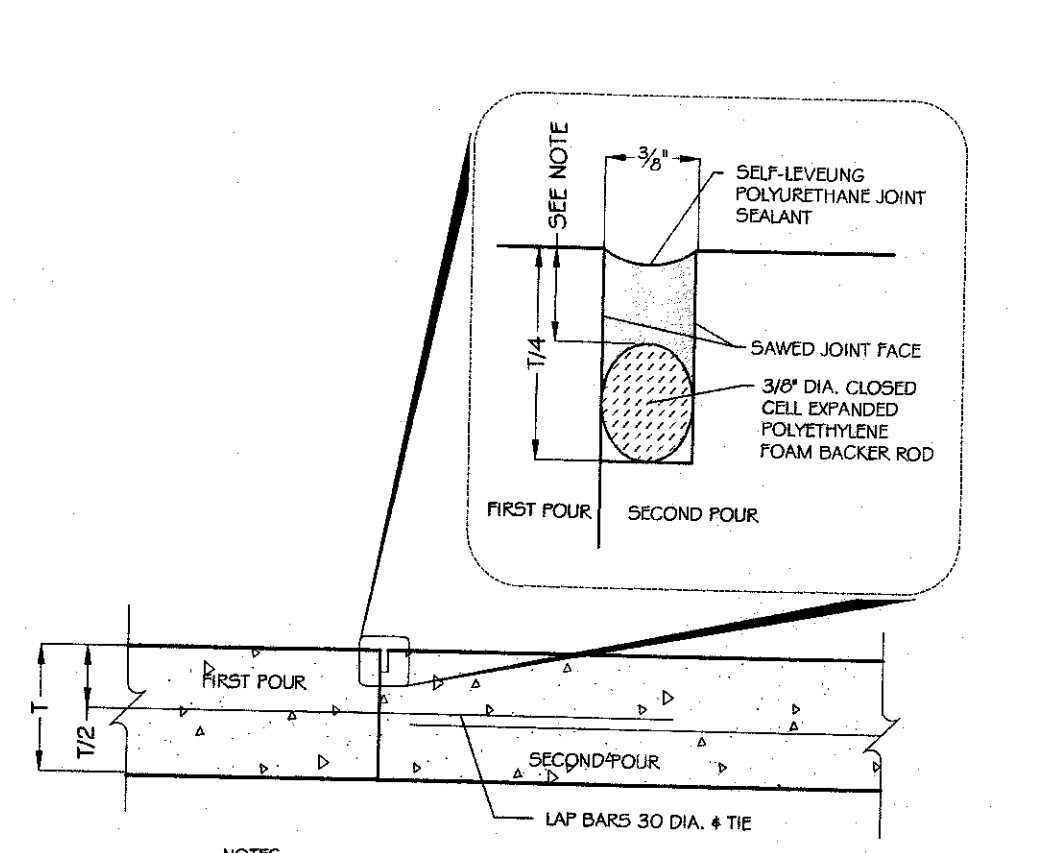
SIDEWALK PANEL SCHEDULE		
SIDEWALK WIDTH = W (FT.)	SIDEWALK THICKNESS = T (IN.)	JOINT SPACING = J (FT.)
4	4	4
5	4	5
6	4	5
7	5	7
8	5	8
9	5	9
10	5	10



- NOTES:
- DEPTH OF JOINT SEALANT SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL PAVEMENT LOCATED WITHIN THE PUBLIC R.O.W. SHALL CONFORM TO THE GOVERNING AUTHORITIES SPECIFICATIONS, DETAILS & REQUIREMENTS FOR PUBLIC PAVEMENT.
 - FINISHED SURFACES SHALL BE INSTALLED FLUSH WITH A DIFFERENTIAL ELEVATION NOT TO EXCEED 1/8\"/>



- NOTES:
- ALL SIDEWALK JOINTS LOCATED WITHIN 5' OF A BUILDING FACE OR ADJACENT TO ANY STRUCTURE SHALL BE SEALED.
 - REFER TO STRUCTURAL PLANS FOR ALL EXPANSION JOINTS AT ALL CONNECTIONS BETWEEN FOUNDATION/WALLS AND PLANING.
 - THE SUBGRADE PREPARATION FOR ANY PAVEMENT OR SIDEWALK PAVEMENT WITHIN 5' FROM ANY BUILDING FACE OR ADJACENT TO ANY STRUCTURE SHALL BE AS SPECIFIED BY THE GEOTECHNICAL REPORT. IN THE EVENT THAT THE GEOTECHNICAL REPORT DOES NOT CONTAIN A RECOMMENDATION THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
 - ALL PAVEMENT LOCATED WITHIN THE PUBLIC R.O.W. SHALL CONFORM TO THE GOVERNING AUTHORITY'S SPECIFICATIONS, DETAILS & REQUIREMENTS FOR PUBLIC PAVEMENT.
 - FINISHED SURFACES SHALL BE INSTALLED FLUSH WITH A DIFFERENTIAL ELEVATION NOT TO EXCEED 1/8\"/>

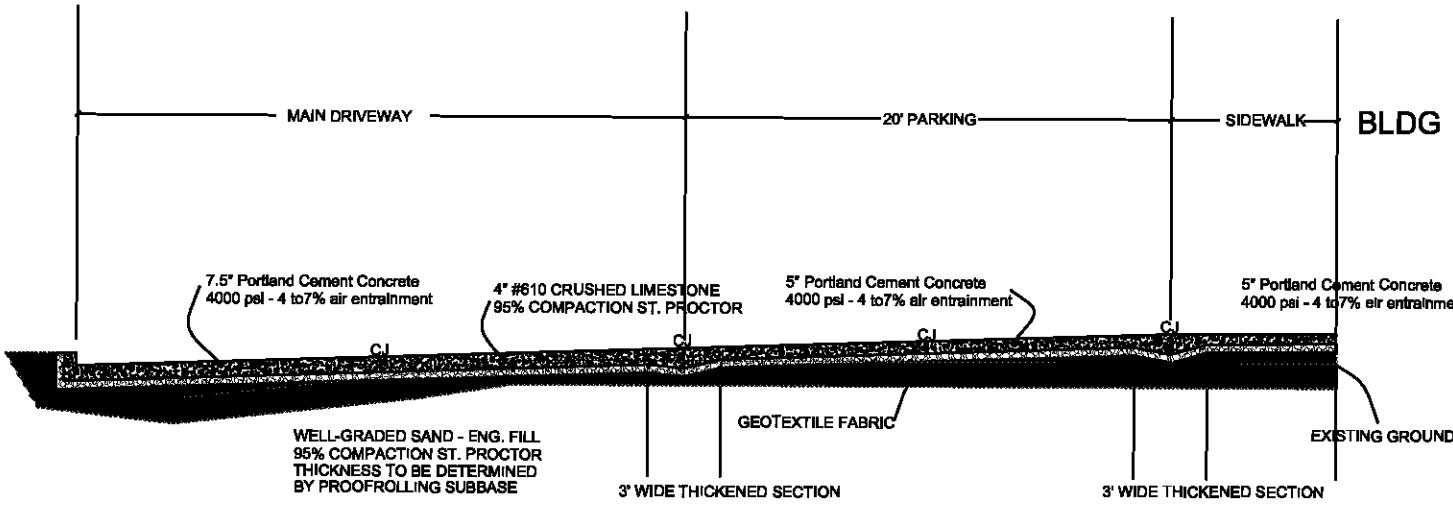
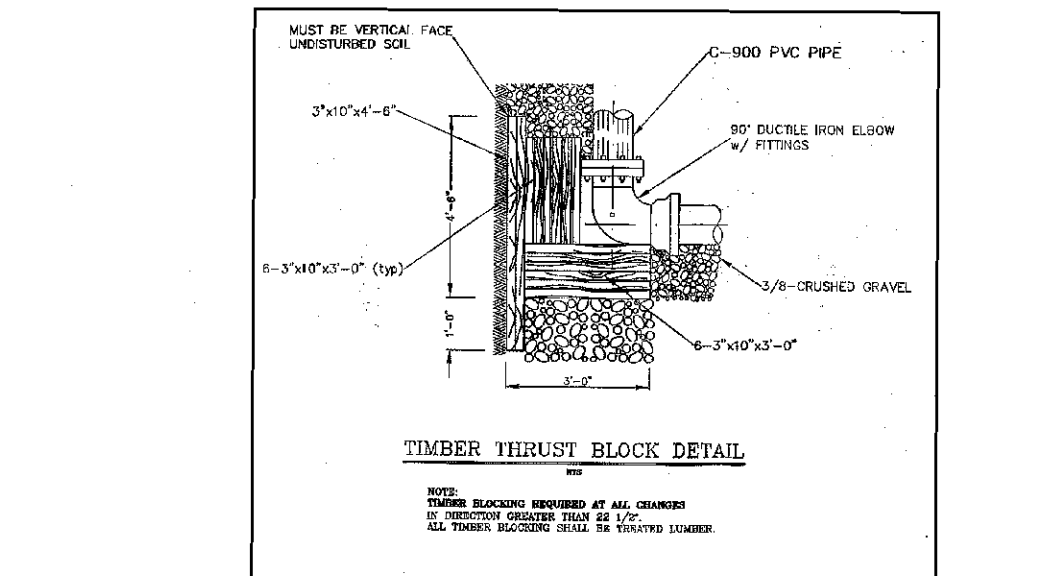


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CONSTRUCTION JOINTS

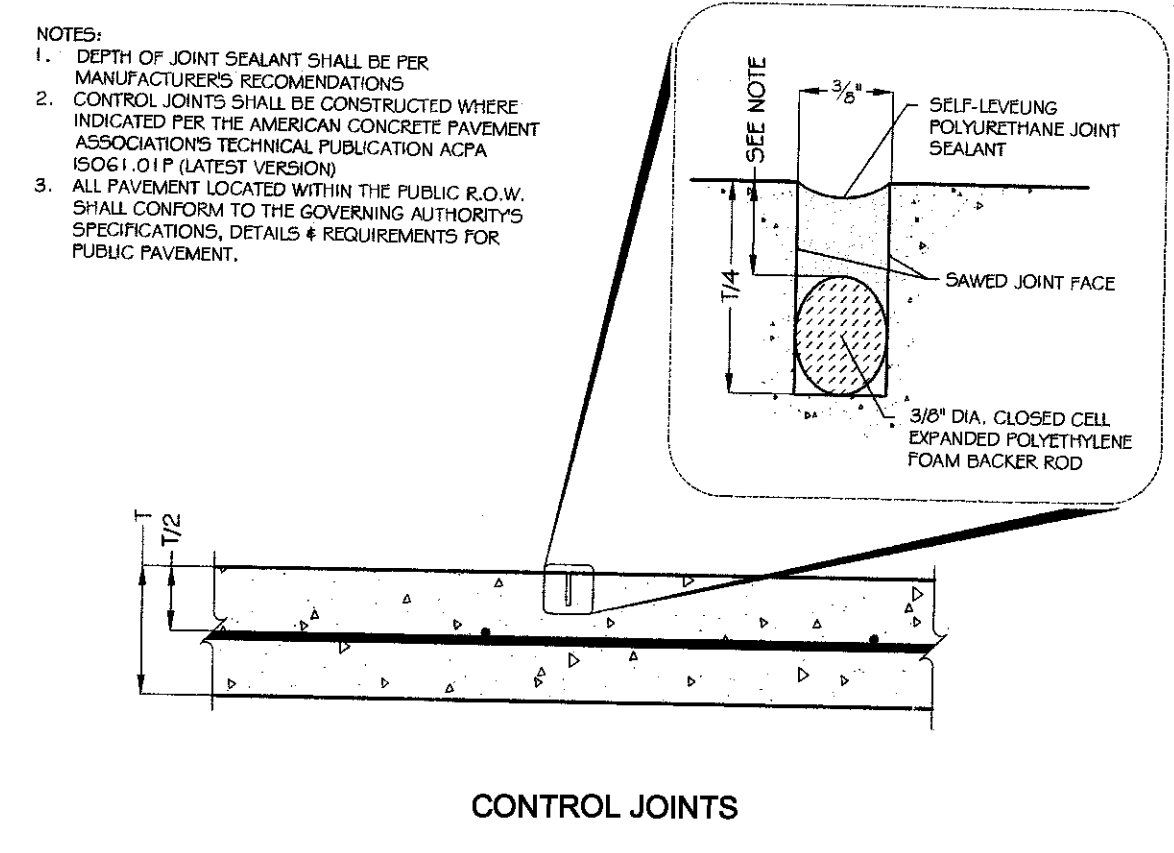


- NOTES:
- SLEEVES FOR DOWELS SHALL HAVE AN INSIDE DIAMETER OF 1/2" GREATER THAN THE DIAMETER OF THE DOWELS AND SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO USE.
 - EXPANSION JOINTS SHALL BE CONSTRUCTED A MAXIMUM OF 500' APART ON STRAIGHT PAVING, AND WHERE INDICATED PER THE AMERICAN CONCRETE PAVEMENT ASSOCIATION'S TECHNICAL PUBLICATION ACPA (SCG 1.0) P (LATEST VERSION).
 - DOWEL COATING SHALL BE ASPHALTIC COATING.
 - DOWELS SHALL NOT BE TIED TO OTHER REINFORCEMENT.
 - REFER TO SIDEWALK DETAILS THIS SHEET FOR EXPANSION JOINTS IN SIDEWALK AREAS.
 - ALL PAVEMENT LOCATED WITHIN THE PUBLIC R.O.W. SHALL CONFORM TO THE GOVERNING AUTHORITIES SPECIFICATIONS, DETAILS & REQUIREMENTS FOR PUBLIC PAVEMENT.
 - FINISHED SURFACES SHALL BE INSTALLED FLUSH WITH A DIFFERENTIAL ELEVATION NOT TO EXCEED 1/8\"/>



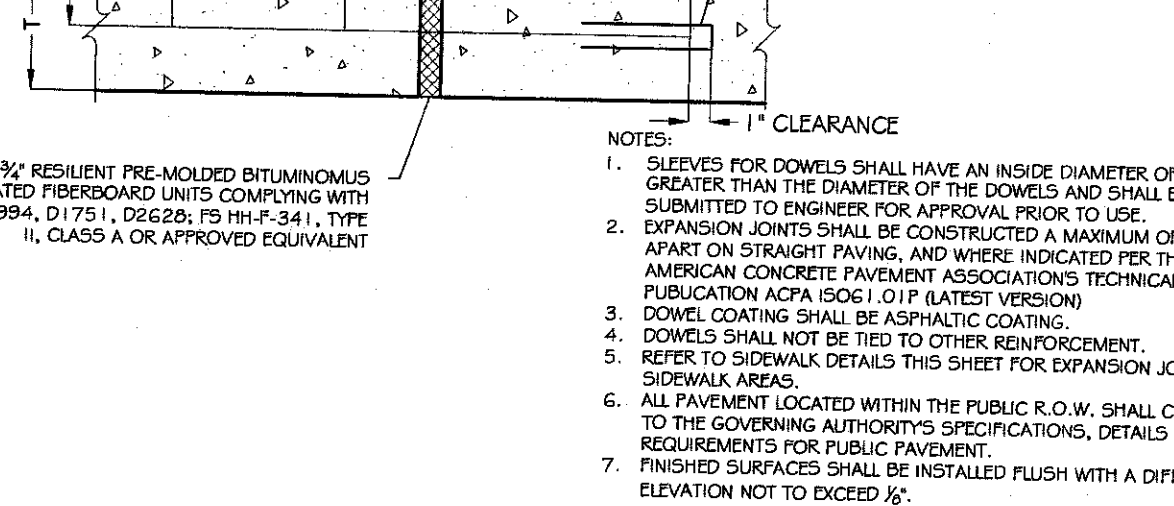
TYPICAL PAVING SECTION WITHOUT CURB AT SIDEWALK

- NOTES:
- REFER TO GEOTECHNICAL REPORT FOR DETAILS ON SITE PREPARATION, EXISTING SOIL CONDITIONS.
 - SITE TO BE DISTURBED AS LITTLE AS POSSIBLE - BECAUSE OF WET SOILS.
 - THE BARS SHOULD BE AT CONSTRUCTION JOINTS PARALLEL TO TRAFFIC - GRADY 40' HIGH REINFORCING BARS, 24" IN LENGTH AND 48" O.C.
 - 3/4" DIAMETER LUBRICATED SMOOTH DOWEL BARS SHOULD BE AT ALL CONTROL JOINTS PERPENDICULAR TO TRAFFIC, 18" IN LENGTH AND 12" O.C.
 - MAXIMUM CONTRACTION JOINTS SHALL BE 18' O.C.

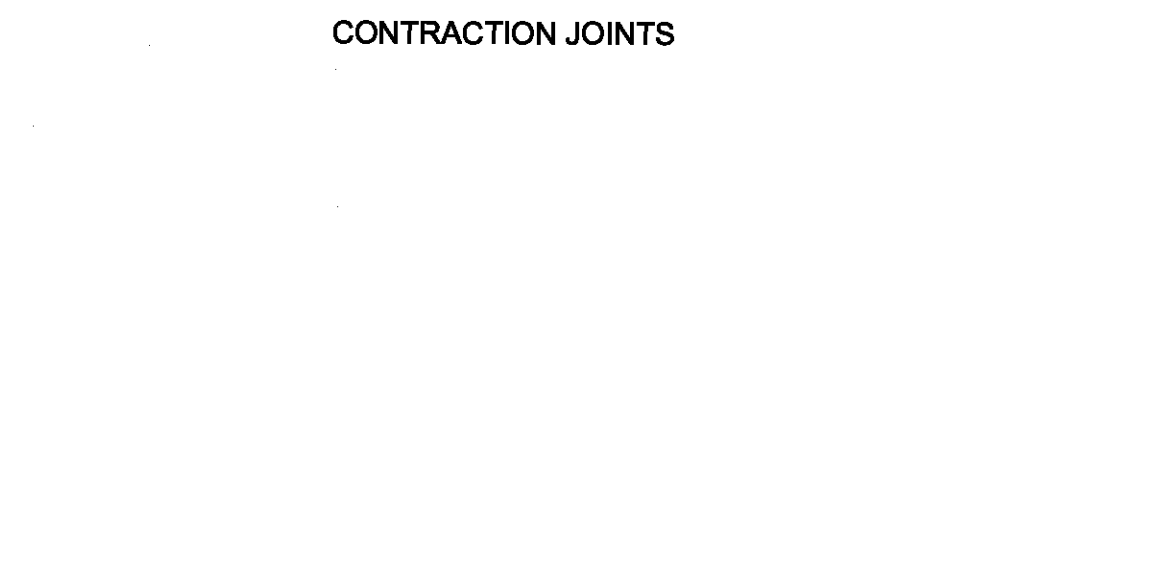


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CONSTRUCTION JOINTS

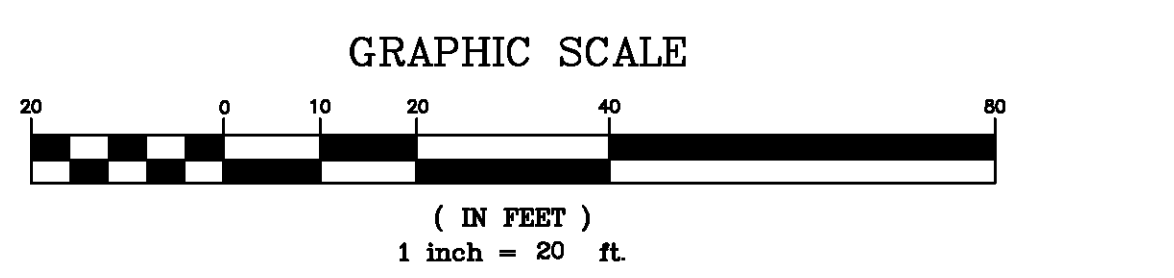


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 - FINISHED SURFACES SHALL BE INSTALLED FLUSH WITH A DIFFERENTIAL ELEVATION NOT TO EXCEED 1/8\"/>



THESE PLANS ARE SUBJECT TO REVIEW AND APPROVAL BY JURISDICTIONAL ENTITIES

CALL LA ONE CALL FOR UTILITY LOCATION PRIOR TO BEGINNING CONSTRUCTION



STATE OF LOUISIANA
SEAN M. BURKES
REG. NO. 27642
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING

J.V. Burkes & Associates, Inc.
SURVEYING ENGINEERING ENVIRONMENTAL
1805 Shortcut Highway
Slidell, Louisiana 70468
E-mail: jvoassoc@burkes.com

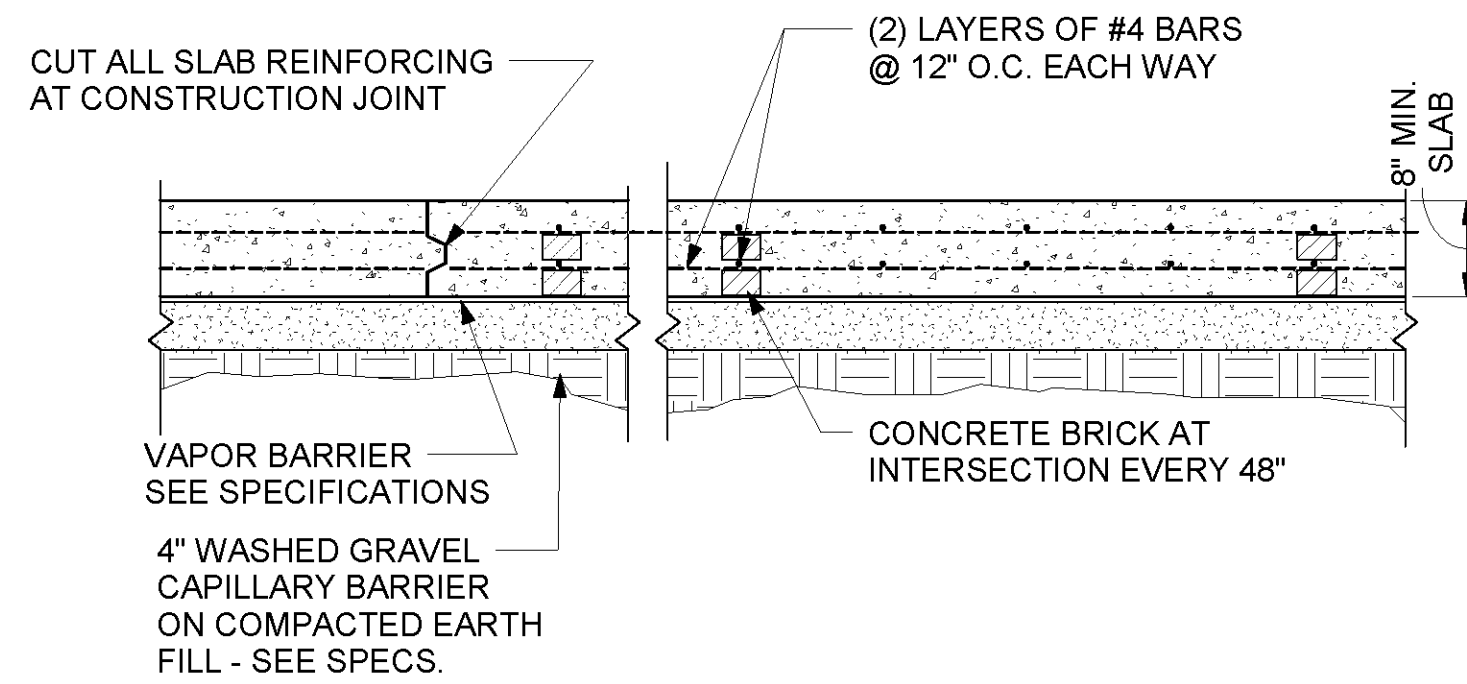
Phone: 985-649-0075 Fax: 985-649-0154
Mississippi Phone: 228-435-5800

SOIL AND FOUNDATION NOTES:

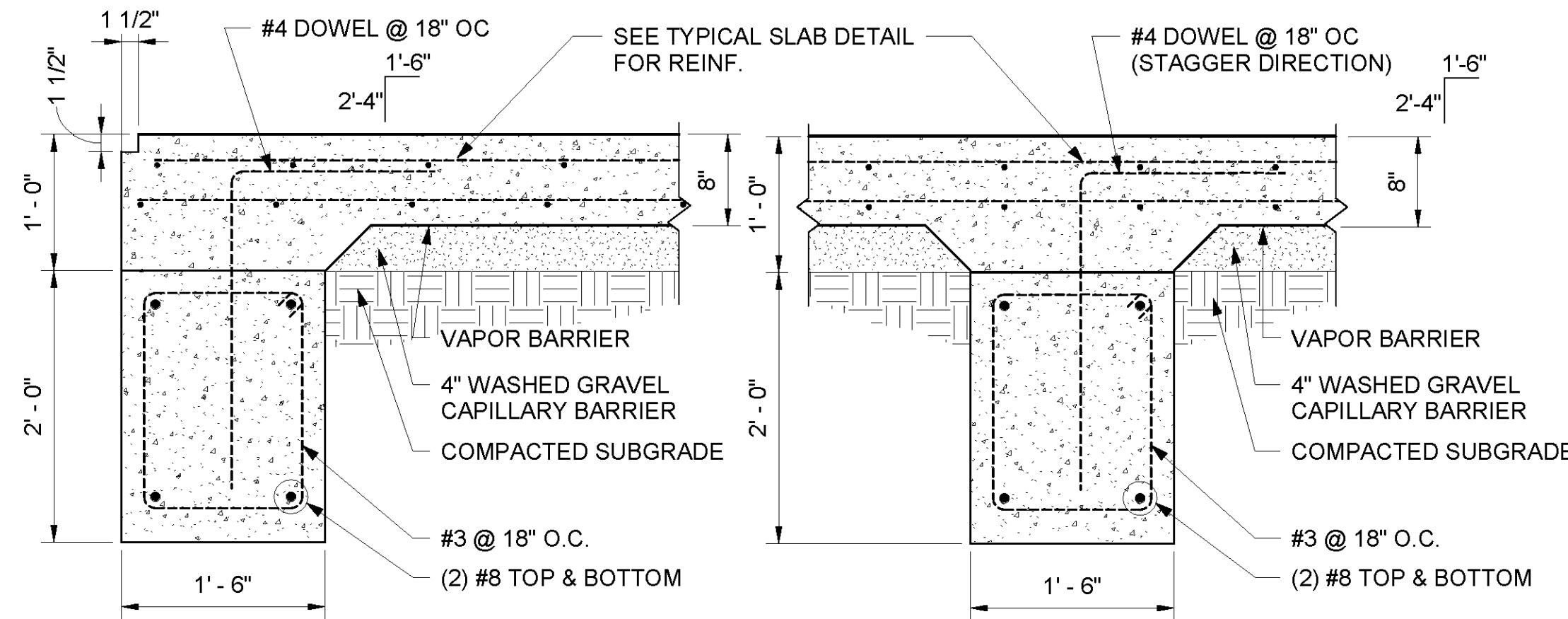
1. THIS FOUNDATION DESIGN WAS BASED ON AND IS RELIANT UPON THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT AS PREPARED BY STRATUM ENGINEERING LLC, SLIDELL, LA. PROJECT NO. G12-042 DATED SEPTEMBER 12, 2012.
2. STRICT ADHERENCE TO THIS PLAN AND GEOTECHNICAL REPORT RECOMMENDATIONS IS REQUIRED. A COPY OF THEIR REPORT IS AVAILABLE AT THE ARCHITECT'S OFFICE FOR REVIEW.
3. UNLESS OTHERWISE NOTED IN THE GEOTECHNICAL REPORT, ALL FILL AND BACKFILL UNDER THE BUILDING AND FIVE FEET BEYOND THE BUILDING FOUNDATION SHALL BE SELECT MATERIAL COMPACTED TO WITHIN 95% OF THE STANDARD PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT.
4. UNLESS OTHERWISE NOTED IN THE GEOTECHNICAL REPORT, ALL FILL AND BACKFILL MATERIAL SHALL HAVE A "CL" CLASSIFICATION WITH A LIQUID LIMIT LESS THAN 45 AND A PLASTICITY INDEX BETWEEN 8 AND 25.
5. EARTH FORMS ARE ACCEPTABLE PROVIDED THE SOIL IS FIRM ENOUGH TO MAINTAIN STABILITY OF THE EXCAVATIONS BEFORE AND DURING THE INSTALLATION OF CONCRETE.

CONCRETE AND REINFORCING STEEL NOTES:

1. ALL CONCRETE AND REINFORCING STEEL SHALL CONFORM TO THE LATEST ACI CODE.
2. UNLESS SPECIFICALLY NOTED OTHERWISE ON THESE PLANS, ALL CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
3. UNLESS SPECIFICALLY NOTED OTHERWISE ON THESE PLANS, ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.
4. WHERE REINFORCING STEEL IS CALLED TO BE WELDED, WELDABLE REINFORCING STEEL SHALL BE USED.
5. PROVIDE ALL NECESSARY REINFORCING STEEL ACCESSORIES REQUIRED TO SECURELY HOLD THE REINFORCING STEEL IN THE POSITION SHOWN ON THESE PLANS.
6. ALL REINFORCING IN MEMBERS IN CONTACT WITH THE EARTH BUT NOT FORMED AGAINST EARTH SHALL HAVE A MINIMUM OF TWO (2) INCHES OF CONCRETE COVER.
7. ALL REINFORCING IN FACES OF MEMBERS FORMED AGAINST THE EARTH SHALL HAVE A MINIMUM OF THREE (3) INCHES OF CONCRETE COVER.

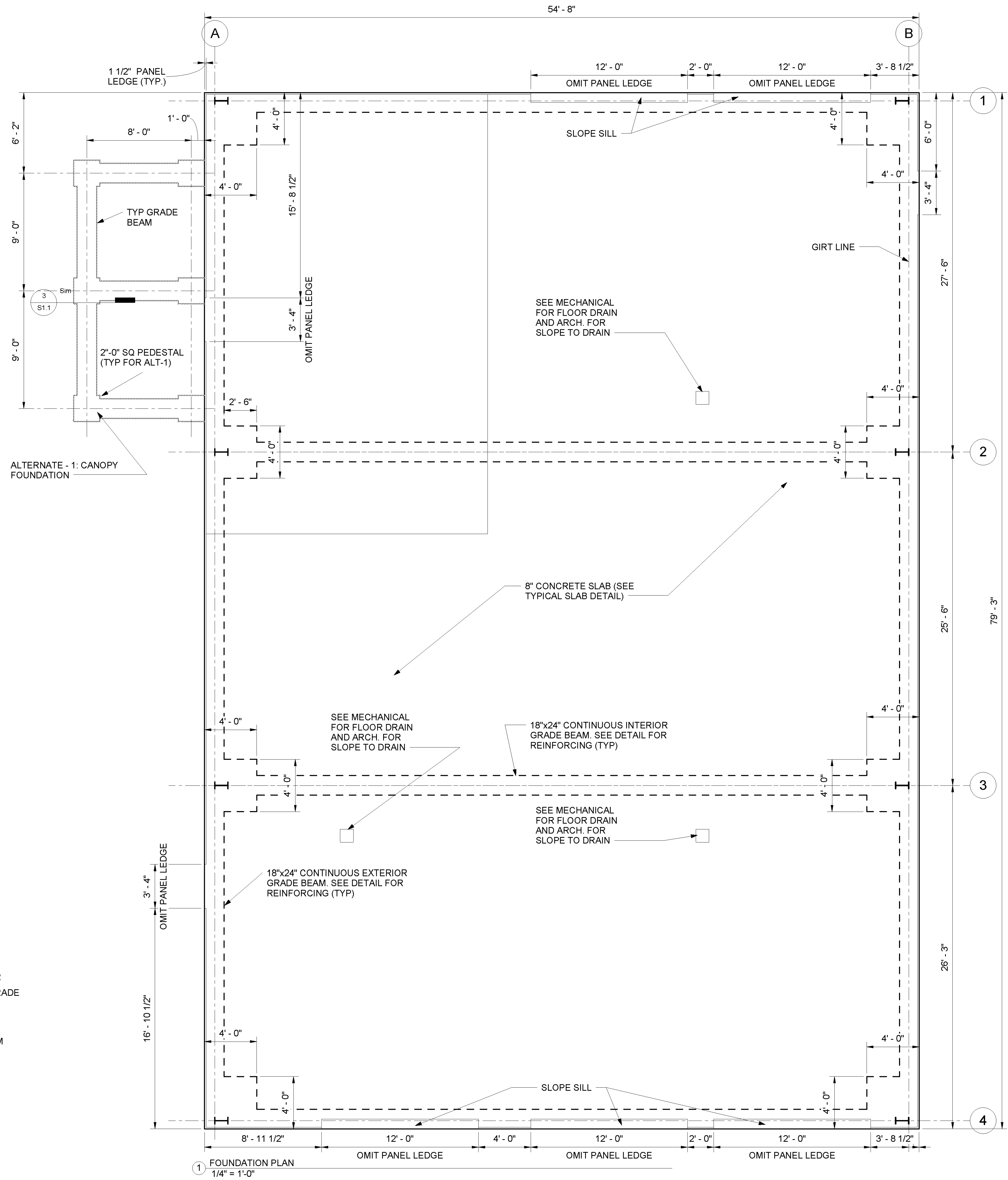


TYPICAL 8" SLAB ON GRADE DETAIL



EXTERIOR GRADE BEAM DETAIL

INTERIOR GRADE BEAM DETAIL



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



fautleroy latham weldon barré architects

a professional corporation in continuous practice since 1981

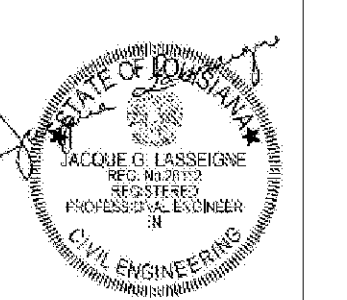
architecture
planning
interiors
sustainable design
consulting

229 ST. JOHN LANE
COVINGTON, LA 70433
985-893-4100

PROJECT DESCRIPTION

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

34780 South Range Road
SLIDELL, LA 70460



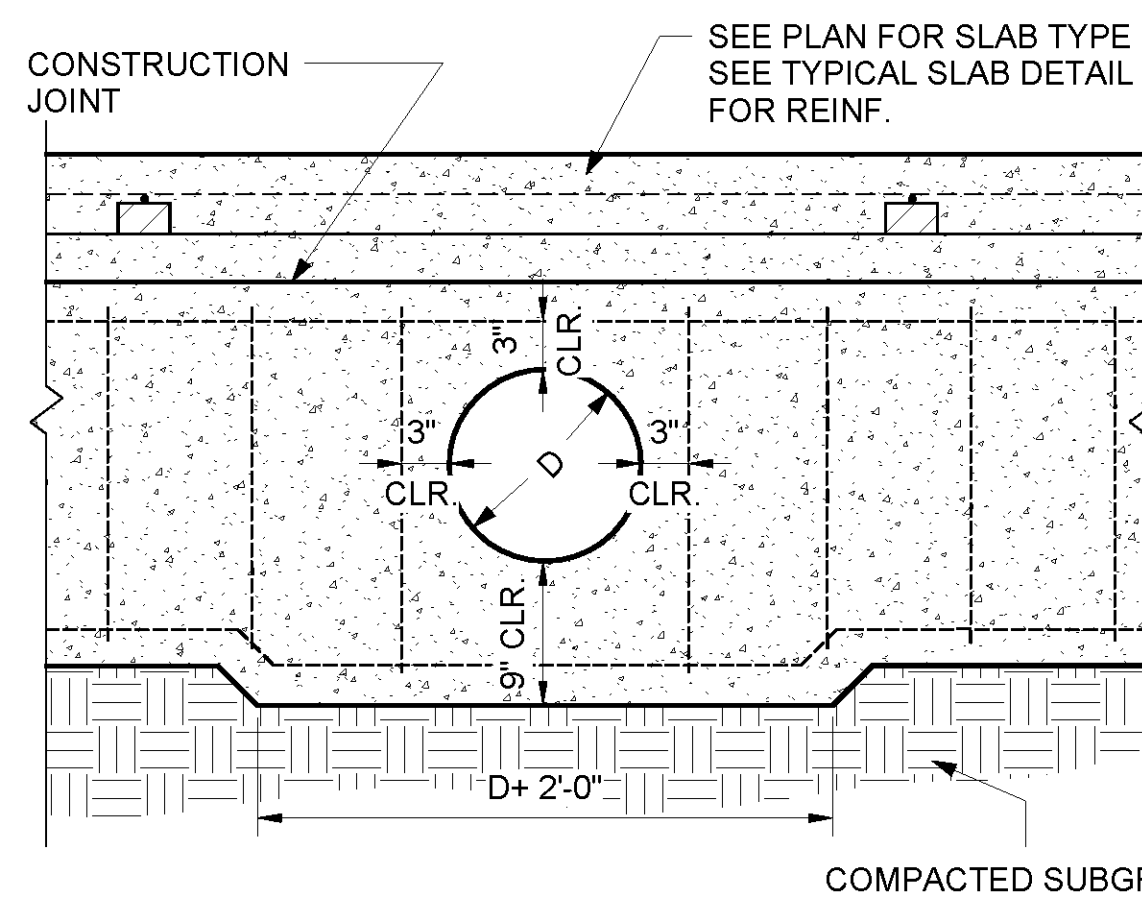
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Issue	Date	Remark

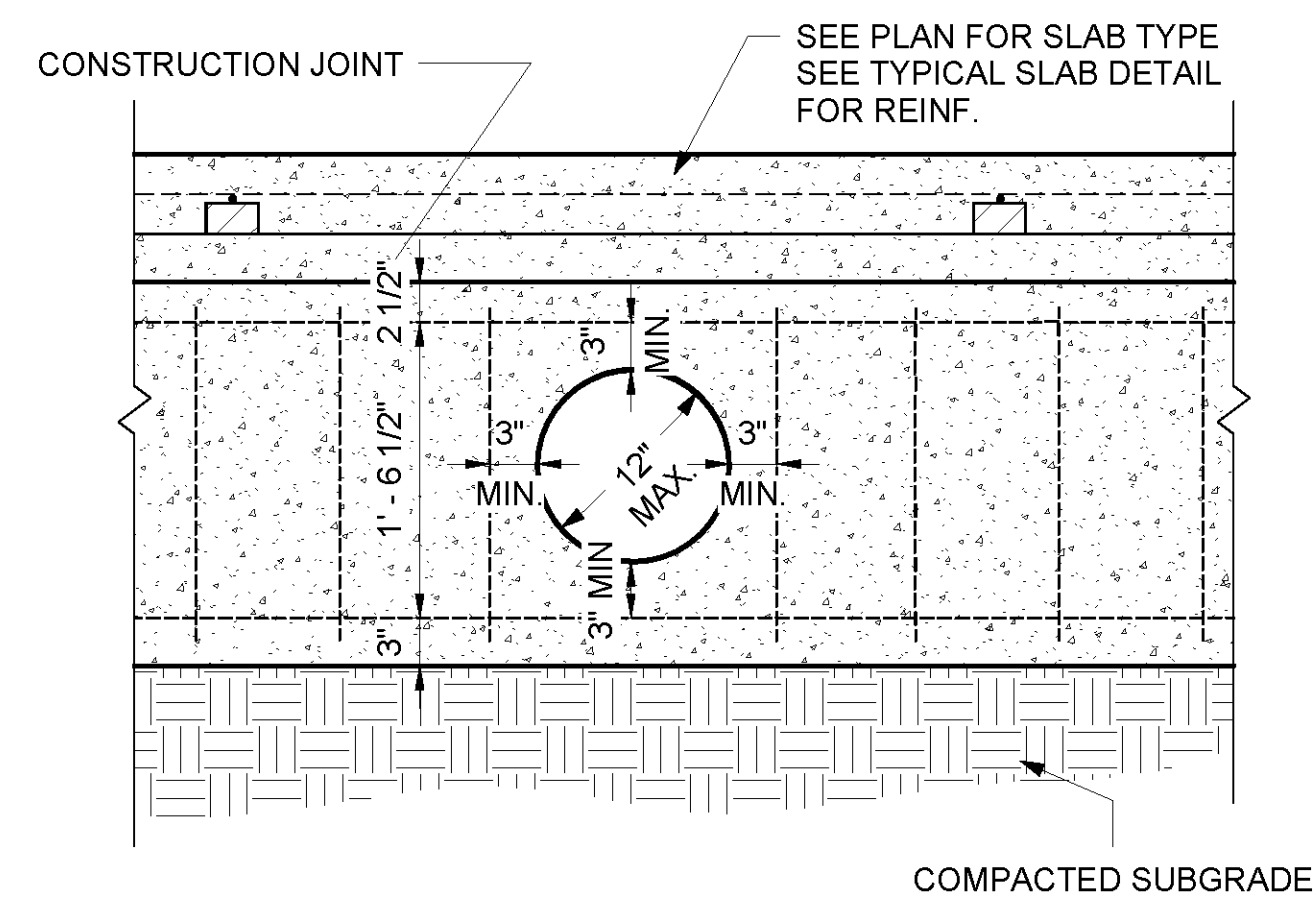
FOUNDATION PLAN, NOTES AND TYPICAL DETAILS

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	S1.0
Drawn by	JRL		
Checked by	JCL		
Date	14 MARCH 2014		

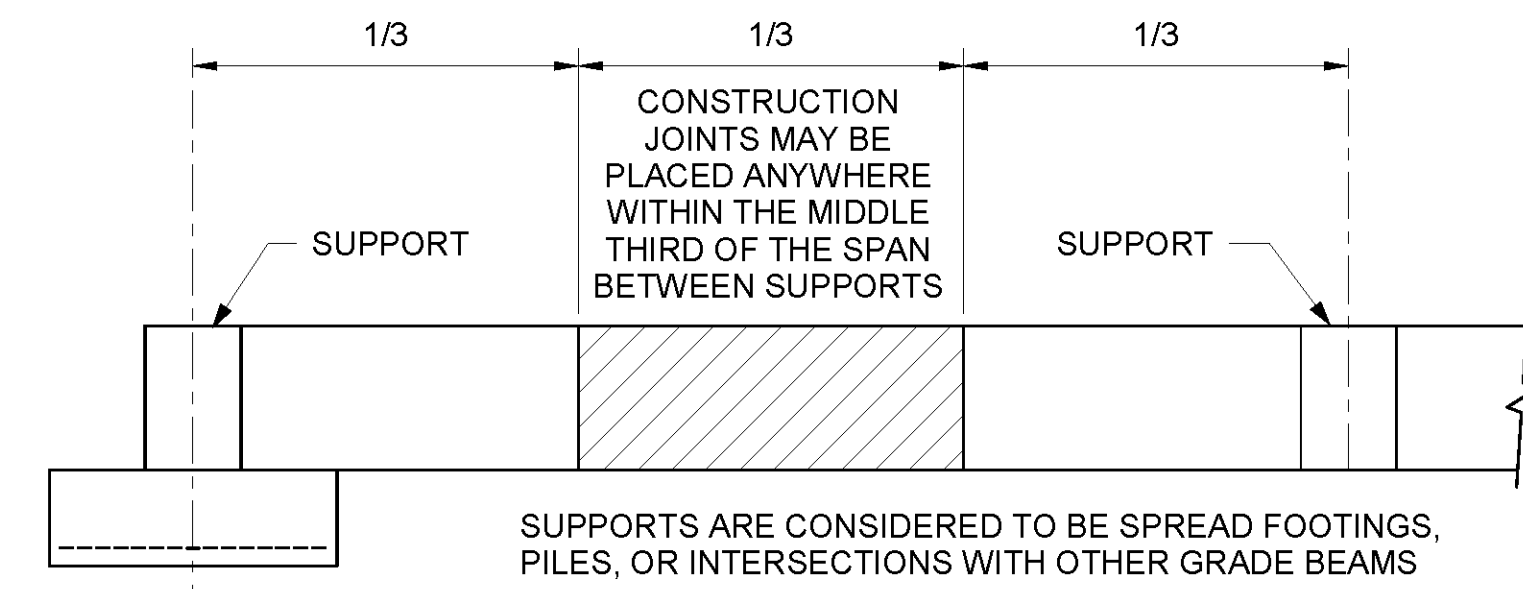


GREATER THAN 12" SLEEVE

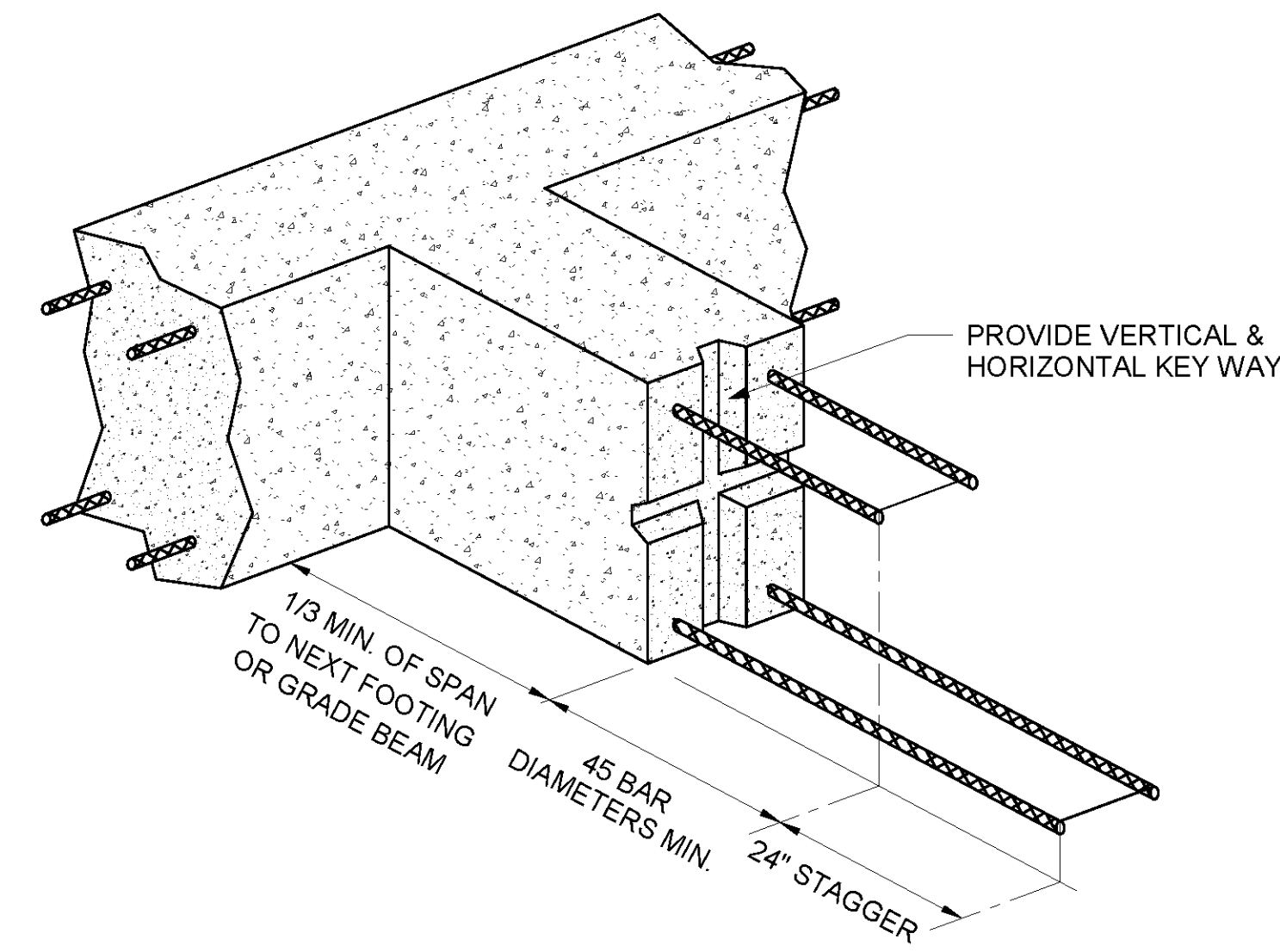


12" OR SMALLER SLEEVE

TYPICAL GRADE BEAM PIPE SLEEVE DETAIL



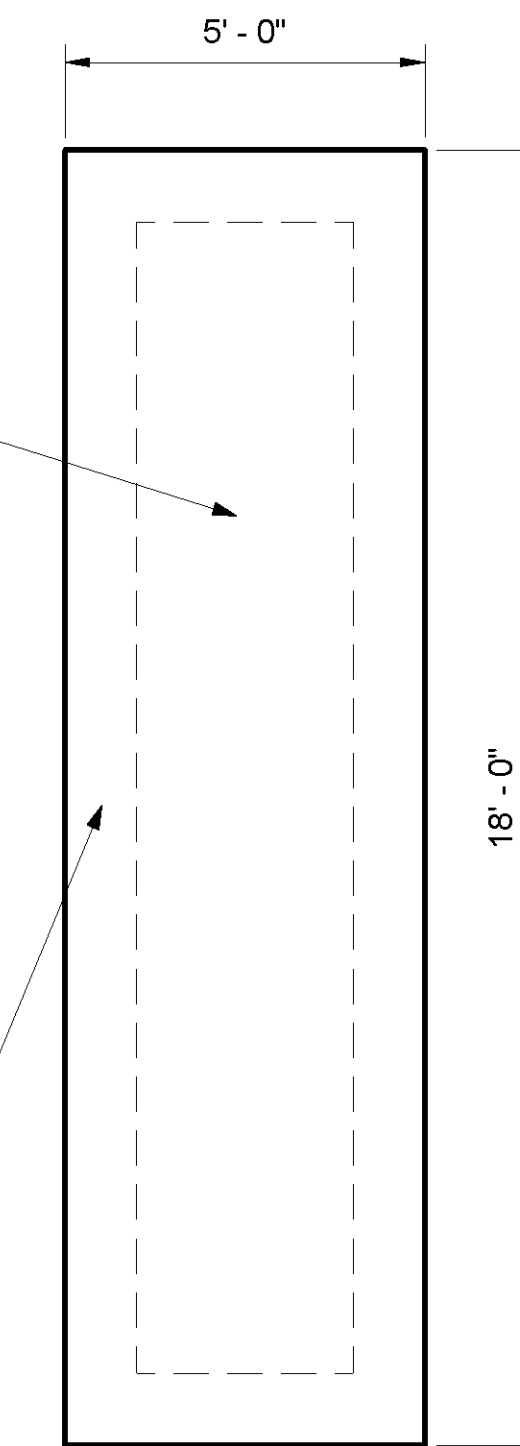
ELEVATION



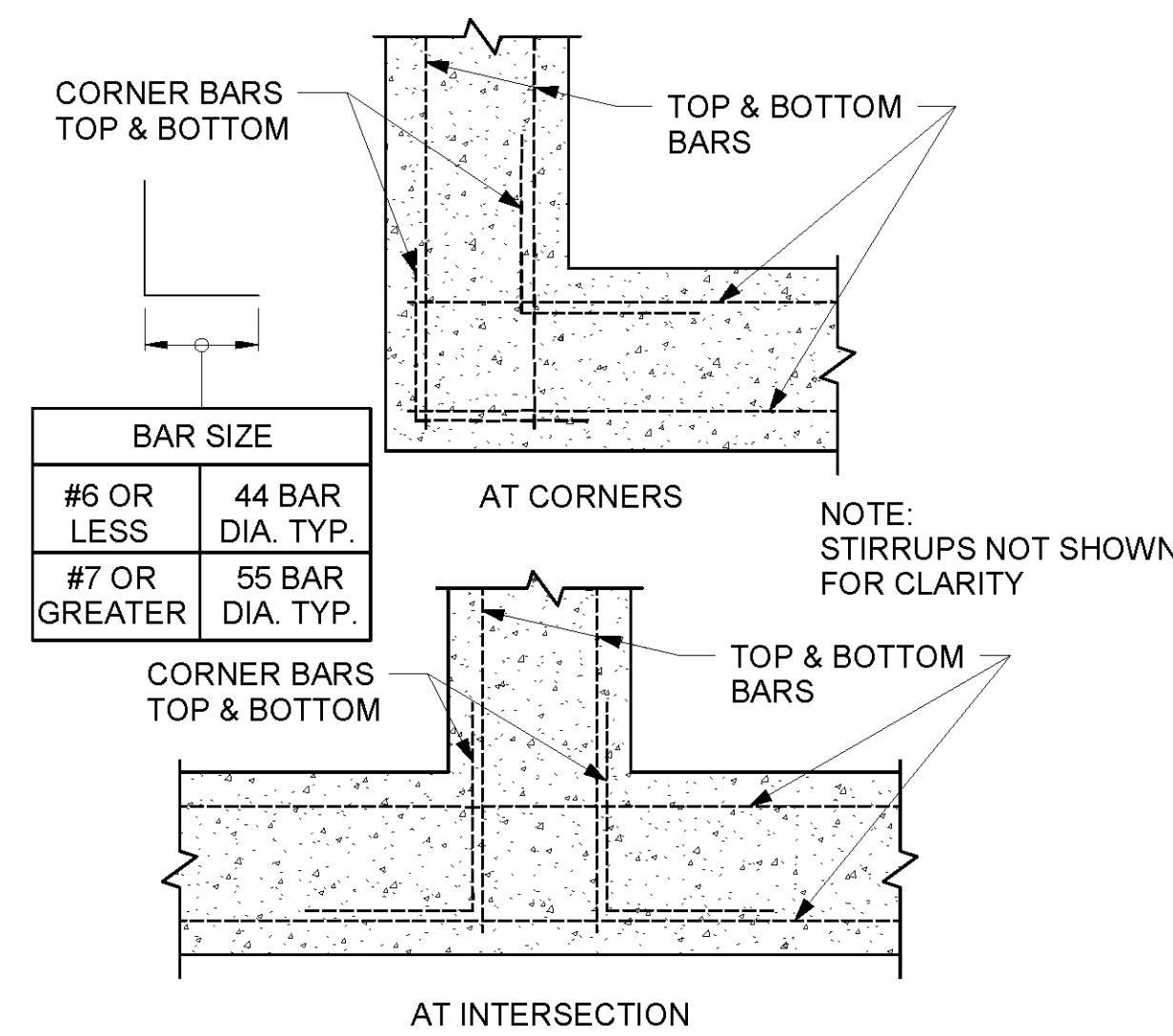
TYPICAL GRADE BEAM CONSTRUCTION JOINT DETAIL

6" CONCRETE SLAB REINFORCED WITH #3 BARS @ 12" O.C. EA. WAY AT SLAB MID DEPTH

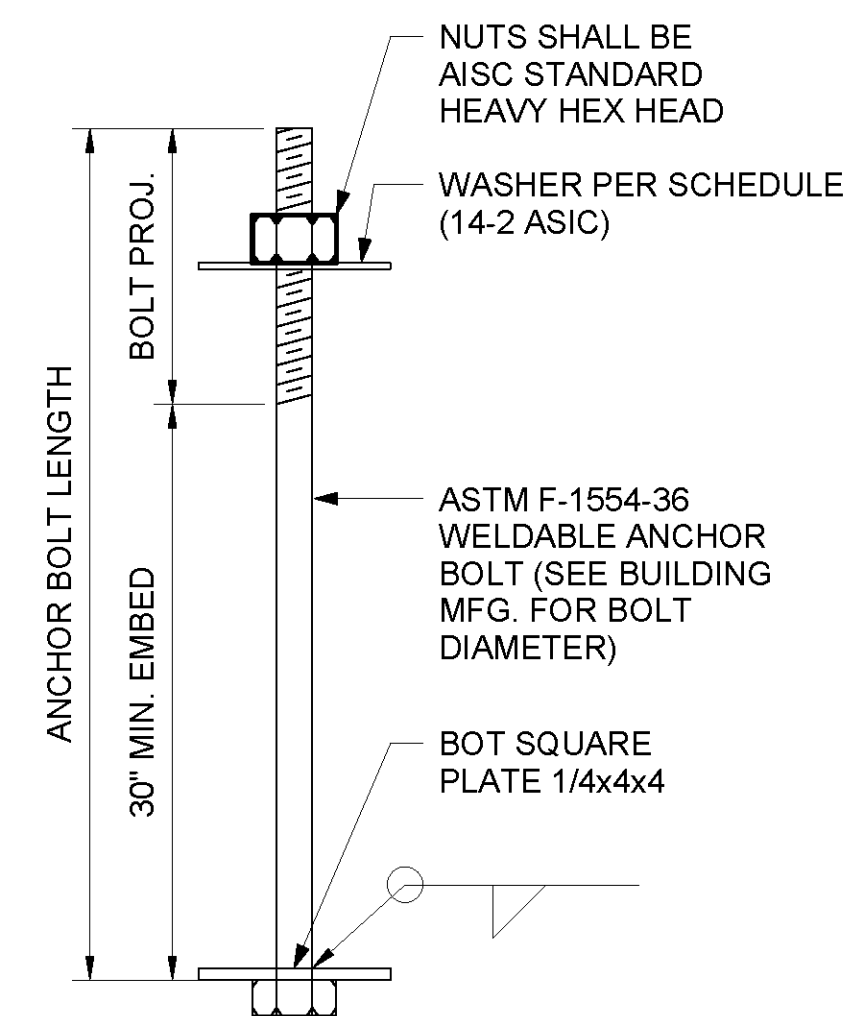
12" WIDE x 12" DEEP TURN-DOWN FOOTING REINFORCED WITH (2) #5 CONTINUOUS BOTTOM BARS (TYP. 4 SIDES)



PROPANE TANK FOUNDATION
3/8" = 1'-0" SEE SITE PLAN FOR LOCATION

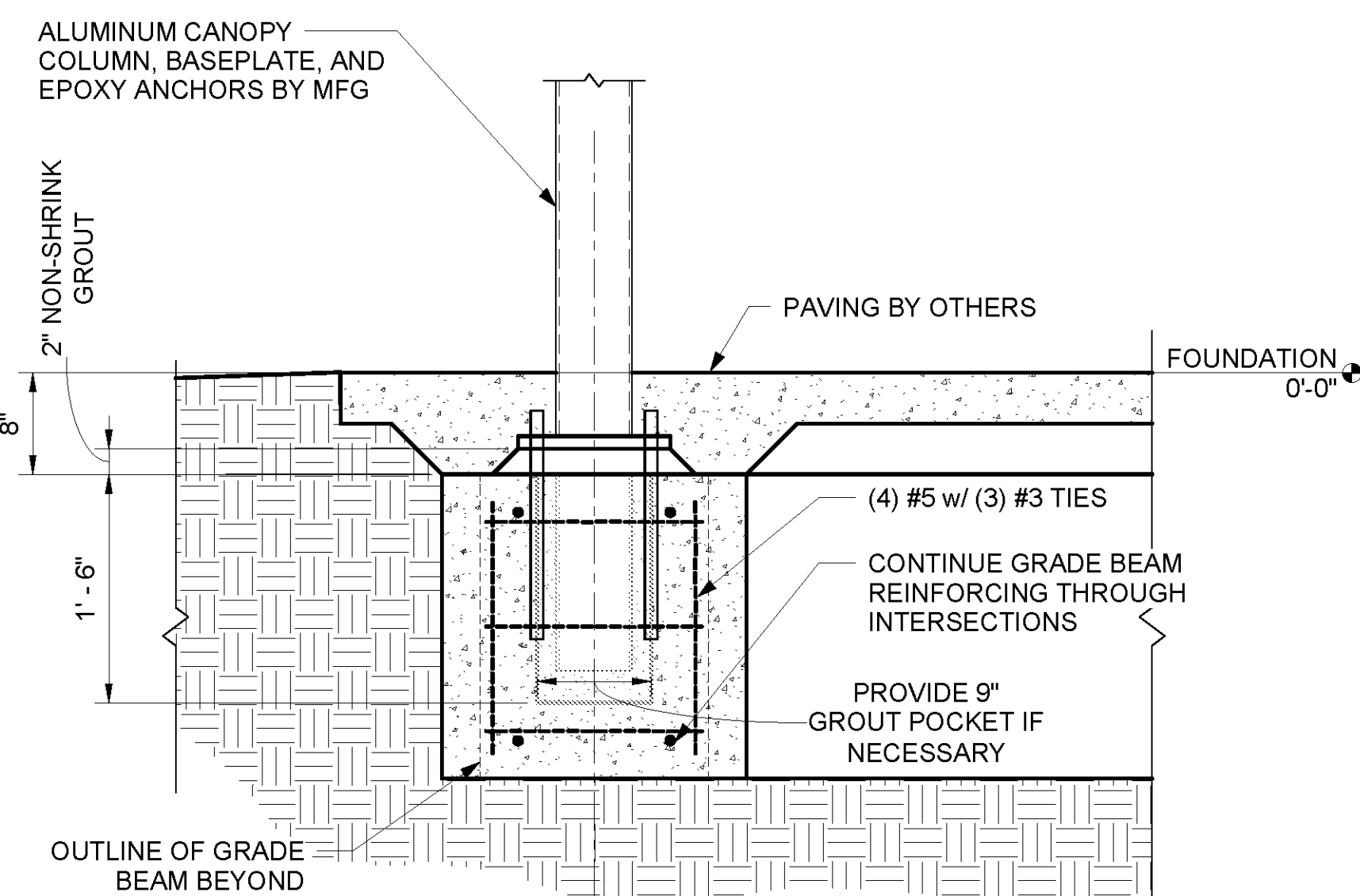


TYPICAL BEAM REINFORCING DETAIL

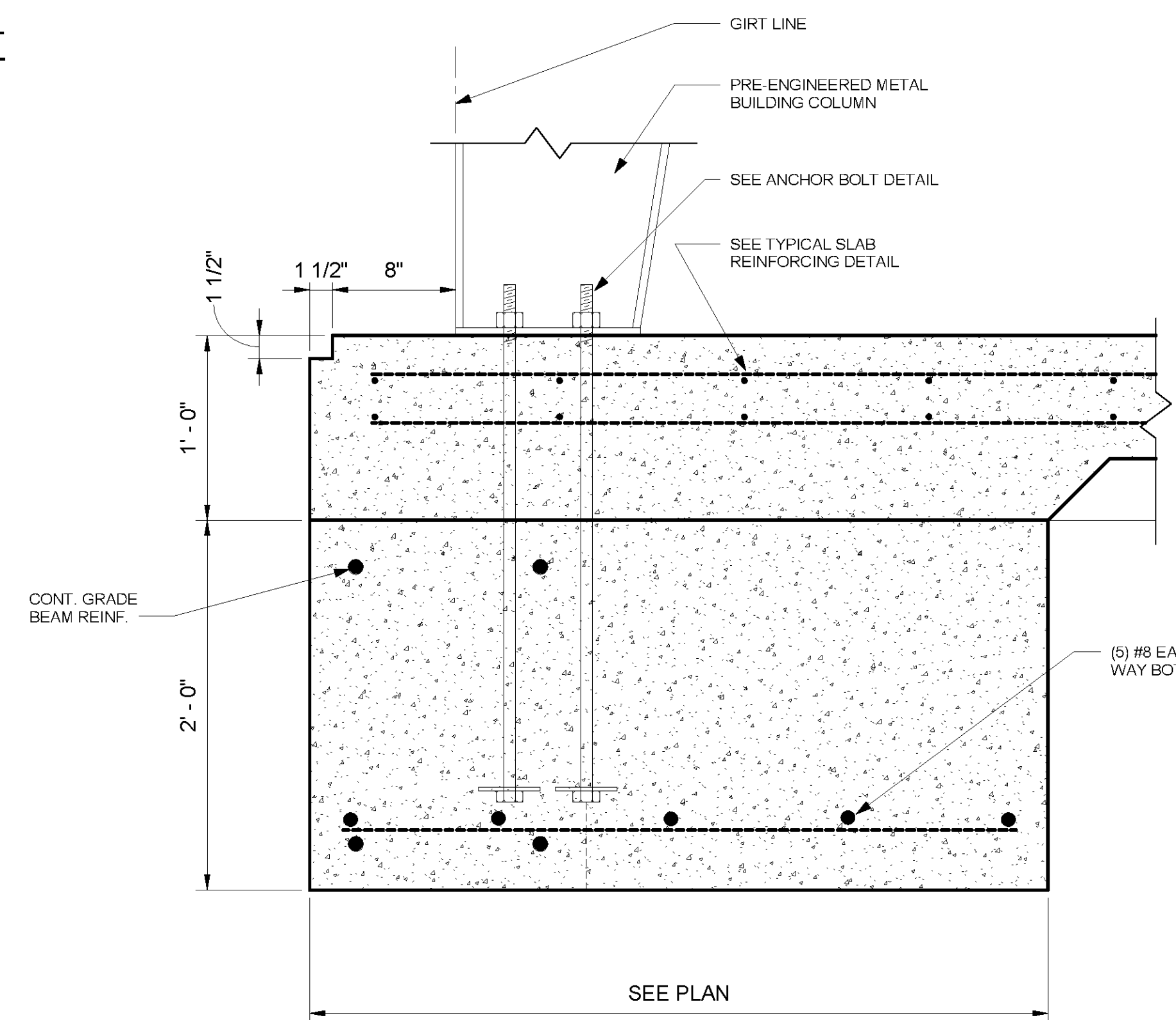


AB-1 ANCHOR BOLT

ALL WASHERS SHALL BE PLAIN HARDENED STEEL FABRICATED IN ACCORDANCE WITH ASTM F436-04 STANDARD SPECIFICATION FOR HARDED STEEL WASHERS.



ALTERNATE 1 - FOUNDATION CANOPY
1" = 1'-0"



TYPICAL COLUMN FOOTING DETAIL

SUPERIMPOSED DESIGN LOADS:

1. LIVE LOADS

FIRST FLOOR = 150 PSF + 20 PSF PARTITION

2. WIND LOADS:

VELOCITY = 152 MPH
BUILDING CATEGORY = III
EXPOSURE = B
ANALYSIS PROCEDURE = ASCE 7-10/IBC 2009
COMPONENT AND CLADDING PRESSURE/SUCTION:
ROOF ZONE 1 = 36.6 PSF SUCTION
ROOF ZONE 2 = 61.4 PSF SUCTION
ROOF ZONE 3 = 92.4 PSF SUCTION
WALL ZONE 4 = 36.6 PSF PRESSURE
WALL ZONE 4 = 39.7 PSF SUCTION
WALL ZONE 5 = 33.5 PSF PRESSURE
WALL ZONE 5 = 61.4 PSF SUCTION

3. SEISMIC LOADS:

OCCUPANCY CATEGORY = III
Ss = 0.101
S1 = 0.055
SITE CLASS = D
Sds = 0.108
Sd1 = 0.089
DESIGN CATEGORY = B
DUAL FORCE RESISTING SYSTEM
Cs = 0.025
R = 6
ANALYSIS PROCEDURE = ASCE 7-10/IBC 2009

a professional corporation in continuous practice since 1981

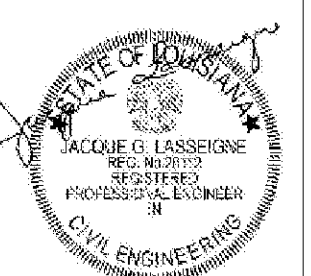
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consulting

229 ST. JOHN LANE
COVINGTON, LA 70433
985-893-4100

PROJECT DESCRIPTION

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1 MULTIPURPOSE BUILDING

34780 South Range Road
SLIDELL, LA 70460



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Issue	Date	Remark

FOUNDATION DETAILS

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	S1.1
Drawn by	JRL		
Checked by	JCL		
Date	14 MARCH 2014		

AIR CONDITIONING LEGEND

- INDICATES NEW SHEET METAL DUCTWORK. SIZES INDICATED ARE SHEET METAL DIMENSIONS. REFER TO SPECIFICATIONS FOR TYPE OF INSULATION
- INDICATES NEW PRE-INSULATED FLEXIBLE DUCT - MAXIMUM 12' IN LENGTH REFER TO SPECS FOR DETAILS
- INDICATES NEW CEILING DIFFUSER - CFM AS NOTED - 24x24 UNLESS OTHERWISE NOTED - SIZE INDICATES NECK SIZE - ARROWS INDICATE DIRECTION OF BLOW IF OTHER THAN 4-WAY
- INDICATES NEW VAY CEILING DIFFUSER EQUAL TO THERMADIFFUSER - CFM AS NOTED - 24x24 LAY-IN STYLE - REFER TO SPECS FOR DETAILS - ARROWS INDICATE DIRECTION OF BLOW IF OTHER THAN 4-WAY
- INDICATES NEW SIDEWALL SUPPLY REGISTER - SIZE AND CFM AS NOTED PROVIDE OPPOSED BLADE DAMPER AT EACH REGISTER
- INDICATES NEW RETURN AIR GRILLE OF SIZE INDICATED. WHEN INDICATED, BALANCE TO CFM SHOWN. WHEN DUCT RUNOUT SIZE IS NOT INDICATED IT SHALL BE SAME WIDTH OF GRILLE AND MINIMUM 10" DEEP
- INDICATES NEW EXHAUST GRILLE OF SIZE INDICATED. BALANCE TO CFM INDICATED. WHEN DUCT RUNOUT SIZE IS NOT INDICATED IT SHALL BE SAME WIDTH OF GRILLE AND MINIMUM 10" DEEP
- INDICATES NEW RETURN AIR CEILING TRANSFER GRILLE OF SIZE INDICATED. TRANSFER DUCT TO BE FLEX OR RECTANGULAR AS INDICATED
- INDICATES NEW OUTSIDE AIR WALL LOUVER OF SIZE INDICATED. PROVIDE FIRE DAMPER AT WALL AND MANUAL VOLUME
- INDICATES NEW THERMOSTAT OR TEMPERATURE SENSOR LOCATION. REFER TO TEMPERATURE CONTROLS SECTION.
- INDICATES NEW HUMIDISTAT OR HUMIDITY SENSOR LOCATION. REFER TO TEMPERATURE CONTROLS SECTION.
- INDICATES NEW DUCT MOUNTED TEMPERATURE SENSOR. REFER TO TEMPERATURE CONTROLS SECTION.
- INDICATES NEW SMOKE DETECTOR. (DUCT MOUNTED UNLESS OTHERWISE NOTED)
- INDICATES NEW DUCT MOUNTED FIRESTAT - SET AT 135°
- INDICATES WALL MOUNTED ANNUNCIATOR PANEL WITH VISUAL AND AUDIBLE SIGNAL TO INDICATE ALARM CONDITIONS OF DUCT MOUNTED SMOKE DETECTOR. PROVIDE ONE PANEL FOR EACH AIR UNIT (ANNUNCIATOR PANEL NOT REQUIRED IF BUILDING HAS FIRE ALARM)
- INDICATES DOOR TO BE UNDERCUT 3/4" OR 1" AS INDICATED. MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO HAVE DOORS ORDERED WITH UNDERCUT.
- D — INDICATES CONDENSATE RETURN PIPING (PIPING TO BE TYPE 'L' COPPER WITH COPPER SWEAT FITTINGS)
- MVD DENOTES MANUAL VOLUME DAMPER
- FD DENOTES FIRE DAMPER
- FD/SD DENOTES COMBINATION FIRE AND SMOKE DAMPER
- AFF DENOTES ABOVE FINISHED FLOOR

PLUMBING & FIRE PROTECTION LEGEND

- SOIL & WASTE PIPING
- VENT PIPING
- GW — GREASY WASTE PIPING
- AW — ACID WASTE PIPING
- AV — ACID VENT PIPING
- SD — STORM DRAINAGE PIPING
- COLD WATER PIPING
- HOT WATER PIPING
- HOT WATER RETURN PIPING
- G — GAS PIPING
- GAS COCK
- BALL VALVE
- || BUTTERFLY VALVE
- VALVE IN C.I. BOX/SPECS
- CHECK VALVE
- CO FLOOR CLEANOUT - SEE DETAIL
- WCO WALL CLEANOUT WITH STAINLESS STEEL COVER
- HB HOSE BIBB - SEE SPECS
- WH WALL HYDRANT - SEE SPECS
- FFUH FREEZE PROOF WALL HYDRANT
- RPBFP REDUCED PRESSURE BACKFLOW PREVENTER
- V SANITARY VENT
- VTR VENT THRU ROOF
- AD AREA DRAIN
- RD ROOF DRAIN
- RL RAIN LEADER
- CB CATCH BASIN
- T.C. TOP OF COVER
- INV. INVERT
- S.J. SWING JOINT - SEE DETAIL
- INDICATES ITEMS OF EQUIPMENT FURNISHED UNDER OTHER DIVISIONS OF THE SPECS, BUT ROUGHED-IN FOR & CONNECTED BY THIS CONTRACTOR.

GENERAL NOTES:

ALL MECHANICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL STATE AND LOCAL CODES AND THE REQUIREMENTS OF THE STATE FIRE MARSHAL.

ALL BIDDERS MUST VISIT THE SITE PRIOR TO SUBMITTING A BID AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AS THEY RELATE TO THE WORK REQUIRED BY THESE DOCUMENTS. BIDDERS SHALL CLUIDE ALL COSTS ASSOCIATED WITH WORK REQUIRED BY EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION SHALL BE AWARDED FOR FAILURE TO BE SO INFORMED.

BIDDERS SHALL INCLUDE IN THEIR BID ALL COSTS ASSOCIATED WITH PERMIT FEES, INSPECTIONS, UTILITY CONNECTIONS, METERS, JACKING AND BORING OR CUTTING AND PATCHING OF STREETS AS REQUIRED FOR BUILDING SERVICES, ETC. IT SHALL BE THE RESPONSIBILITY OF ALL BIDDERS TO CONTACT THE APPROPRIATE UTILITY COMPANIES OR CITY DEPARTMENTS AND TO FURNISH THEM WITH ALL PERTINENT INFORMATION ON REQUIRED SERVICES IN ORDER THAT PRICING FOR THESE CONNECTIONS CAN BE FURNISHED TO THE BIDDER IN SUFFICIENT TIME FOR THESE COSTS TO BE INCLUDED IN THE BID. NO ADDITIONAL COMPENSATION SHALL BE AWARDED AFTER BID TIME FOR FAILURE TO OBTAIN AND INCLUDE ALL ASSOCIATED COSTS IN THE BID.

CONTRACTOR SHALL COORDINATE ALL MECHANICAL WORK WITH WORK OF THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS AND EXISTING CONDITIONS SO AS TO AVOID CONFLICTS.

WHERE CUTTING AND PATCHING AND/OR BLOCKOUT INSTALLATION REQUIRED FOR MECHANICAL WORK IS TO BE DONE BY OTHER TRADES, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND LAYOUT OF THE REQUIRED WORK.

MANUFACTURER'S NAMES AND MODEL NUMBERS LISTED ARE MEANT TO ESTABLISH A STANDARD. MANUFACTURERS PRODUCING EQUIPMENT OF EQUAL CAPACITY AND QUALITY SHALL BE ACCEPTABLE SUBJECT TO THE SUBMITTAL PROCESS.

REFER TO WRITTEN SPECIFICATIONS FOR DETAILS NOT COVERED ON THE PLANS. WHERE CONFLICT OCCURS BETWEEN PLANS AND SPECIFICATIONS, THE SPECIFICATION SHALL TAKE PRECEDENCE.

PLUMBING NOTES:

PRIOR TO INSTALLING ANY WASTE AND WATER PIPING, CONTRACTOR SHALL DETERMINE THE FINAL POINT OF CONNECTION AND MAKE REQUIRED ADJUSTMENTS IN ELEVATION, ROUTING, ETC.

PRIOR TO ROUGH IN OF ANY OWNER FURNISHED EQUIPMENT, CONTRACTOR SHALL REVIEW SUBMITTAL OF EQUIPMENT BEING FURNISHED & PROVIDE ROUGH IN'S TO SUIT.

PROVIDE A SHUT OFF VALVE ON EACH DOMESTIC HOT & COLD WATER BRANCH FROM MAIN. NO FIXTURE OR GROUP OF FIXTURES SHALL BE CONNECTED TO MAIN WITHOUT MEANS OF ISOLATION. THESE VALVES SHALL BE PROVIDED WHETHER SHOWN ON DRAWINGS OR NOT.

MINIMUM DOMESTIC WATER PIPE SIZE ABOVE CEILING SHALL BE 3/4", WHERE PIPE SERVES FIXTURE REQUIRING 1/2" SERVICE, PROVIDE 3/4" X 1/2" REDUCING ELBOW AT WALL.

WASTE & WATER PIPING SHALL BE PROVIDED FOR EVERY FIXTURE REQUIRED BY CONTRACT DOCUMENTS. WHERE PIPING IS NOT SHOWN OR SIZED, CONTRACTOR SHALL PROVIDE PIPING IN ACCORDANCE WITH PLUMBING FIXTURE SCHEDULE REQUIREMENTS.

PLUMBING VENTS SHALL BE COMBINED WHEREVER POSSIBLE & ROUTED UP THROUGH ROOF OR THROUGH UPPER FLOORS TO ROOF IN ORDER TO MINIMIZE ROOF PENETRATIONS.

CONTRACTOR SHALL DO ALL REQUIRED TRENCHING AND BACKFILL. BACKFILL SHALL BE CLEAN RIVER SAND. ALL UNDERGROUND LINES SHALL HAVE MINIMUM 24" FILL.

WASTE AND VENT PIPING ABOVE AND BELOW GRADE SHALL BE SCHEDULE 40 SOLID CORE PVC PIPE WITH DUV FITTINGS. PROVIDE ALL REQUIRED HANGERS, THIMBLES, ETC.

ALL ABOVE GROUND WATER PIPING SHALL BE TYPE 'L' HARD DRAWN COPPER WITH SWEAT JOINTS. ALL COPPER SHALL BE LEAD FREE.

UNDERGROUND PIPING SHALL BE TYPE 'K' HARD DRAWN COPPER WITH SILVER SOLDER JOINTS. WHEREVER POSSIBLE, UNDER SLAB PIPING SHALL BE SOFT DRAWN WITH NO JOINTS BELOW THE SLAB.

NEW NATURAL GAS PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE WITH GALVANIZED SCREW FITTINGS. EXPOSED PIPING SHALL BE PAINTED. COLOR AS SELECTED BY ARCHITECT.

INSULATE COLD WATER PIPING WITH 1/2" FIBERGLASS INSULATION. HOT WATER INSULATION SHALL BE 3/4".

INSULATE HANDICAPPED LAVATORY WASTE AND WATER PIPING WITH APPROVED TRAP WRAP SYSTEM.

PROVIDE TRAP PRIMER IN COLD WATER SUPPLY TO LAVATORY, OR NEAREST FIXTURE, AS REQUIRED TO SERVE FLOOR DRAINS SUPPLIED WITH TRAP PRIMER.

PROVIDE VACUUM BREAKERS ON EACH FIXTURE SUPPLIED WITH A HOSE CONNECTION IN ACCORDANCE WITH ALL CODES.

PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER IN DOMESTIC WATER SERVICE IN ACCORDANCE WITH LOCAL CODES. INSULATE BACKFLOW PREVENTER AND ALL EXPOSED WATER PIPING WITH WEATHER PROOF INSULATION SYSTEM. PIPE DRAIN TO SUITABLE LOCATION.

HVAC NOTES:

PRIOR TO FABRICATION OF ANY EQUIPMENT, DUCTWORK, ETC., CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS AND COORDINATE ALL CLEARANCES WITH RESPECT TO STRUCTURAL LIMITATIONS AS WELL AS REQUIRED WORK OF OTHER TRADES. ANY CONFLICTS SHALL BE RESOLVED PRIOR TO FABRICATION OF EQUIPMENT, DUCTWORK, ETC.

CONTRACT DOCUMENTS ARE NOT INTENDED TO BE DETAILED SHOP DRAWINGS. THEY DO NOT INDICATE EVERY REQUIRED OFFSET IN DUCTWORK, PIPING, ETC. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL COSTS FOR THESE OFFSETS THAT MAY BE REQUIRED TO ALLOW FOR STRUCTURAL MEMBERS, WORK OF OTHER TRADES, CROSSING OF DUCTS, ETC. NO ADDITIONAL COMPENSATION SHALL BE AWARDED FOR THIS WORK.

CONTRACTOR SHALL PROVIDE ALL REQUIRED PIPING CONNECTIONS TO EACH PIECE OF EQUIPMENT AS REQUIRED FOR THE PROPER OPERATION OF THE EQUIPMENT WHETHER SPECIFICALLY SHOWN OR NOT. THIS SHALL INCLUDE DRAIN PIPING, RELIEF LINES, WATER MAKE UP PIPING, ETC.

FLEXIBLE DUCT CONNECTIONS SHALL BE PROVIDED ON EACH FAN POWERED PIECE OF EQUIPMENT.

ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN STRICT ACCORDANCE WITH SMACNA GUIDELINES.

ALL NEW SUPPLY AIR DUCTS, RETURN AIR DUCTS, OUTSIDE AIR DUCTS AND FLENUMS SHALL BE GALVANIZED STEEL, EXTERNALLY INSULATED WITH 2" THICK 3/4" PCF DENSITY INSULATION WITH FOIL FACING. NEW FLEXIBLE DUCTWORK SHALL BE UL 181 LISTED, CLASS 1, FIRE INSULATED AND PROPERLY SUPPORTED. PROVIDE SPIN IN FITTING WITH AIR SCOOP AND DAMPER AT EACH ROUND DUCT CONNECTING TO TRUNK DUCT. HARD ROUND DUCT SHALL BE GALVANIZED SPIRAL WITH EXTERNAL INSULATION. EXHAUST DUCTWORK SHALL BE UNLINED GALVANIZED STEEL. ALL DUCTWORK SEAMS SHALL BE SEALED WITH HARD CAST MASTIC. DUCT SIZES SHOWN ON PLANS ARE SHEET METAL DIMENSIONS.

REFRIGERANT PIPING SHALL BE SIZED AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PIPING SHALL BE INSULATED WITH 3/4" ARMAFLEX INSULATION. INSULATION SHALL BE TIGHTLY BUTTED AND ALL SEAMS SEALED WITH WATERPROOF VAPOR BARRIER ADHESIVE.

CONDENSATE PIPING SHALL BE TYPE 'L' COPPER PIPE WITH COPPER SWEAT FITTINGS. PIPING SHALL BE INSULATED WITH 3/4" ARMAFLEX INSULATION. INSULATION SHALL BE TIGHTLY BUTTED AND ALL SEAMS SEALED WITH WATERPROOF VAPOR BARRIER ADHESIVE.

ALL AIR QUANTITIES SHALL BE BALANCED TO WITHIN 10% OF QUANTITIES SHOWN ON THE PLANS BY AN INDEPENDENT BALANCE CONTRACTOR.

PROVIDE A FIRESTAT IN THE RETURN AIR OF ALL AIR HANDLERS UNDER 5 TONS AND A SMOKE DETECTOR IN THE SUPPLY AIR OF UNIT 5 TONS AND ABOVE. FOR EACH SMOKE DETECTOR FURNISH AND INSTALL A REMOTE ANNUNCIATOR PANEL WITH BOTH AUDIBLE AND VISUAL SIGNALS IN AN OCCUPIED AREA OF THE BUILDING.

BIDDER'S QUALIFICATIONS:

ALL CONTRACTORS SUBMITTING BIDS FOR THE WORK UNDER THIS CONTRACT ARE REQUIRED TO REVIEW THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS AND TO BE FAMILIAR WITH THE FULL INTENT OF THE CONTRACT DOCUMENTS.

IF THERE ARE ANY ITEMS WHICH ARE NOT CLEAR TO THE BIDDER, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION MINIMUM OF 12 HOURS BEFORE BID TIME. BY SUBMITTING A BID, THE BIDDER SIGNIFIES THAT HE OR SHE FULLY UNDERSTANDS THE INTENT OF THE DOCUMENTS AND HAS INCLUDED ALL COSTS ASSOCIATED WITH A COMPLETE MECHANICAL SYSTEM IN THEIR BID.

NO ADDITIONAL COMPENSATION SHALL BE AWARDED AFTER BID TIME FOR FAILURE TO REQUEST CLARIFICATIONS.

INSTALLER'S QUALIFICATIONS:

ALL CONTRACTORS SUBMITTING BIDS FOR THE WORK UNDER THIS CONTRACT SHALL BE SPECIALISTS IN THEIR FIELD AND SHALL HAVE THE PERSONAL EXPERIENCE, TRAINING AND SKILL TO CONSTRUCT A PROPERLY OPERATING MECHANICAL SYSTEM AS DESCRIBED BY THE CONTRACT DRAWINGS.

IF REQUIRED, THE CONTRACTOR SHALL BE ABLE TO FURNISH EVIDENCE OF HAVING NOT LESS THAN THREE YEARS EXPERIENCE AND HAVING BEEN RESPONSIBLE FOR AT LEAST THREE PROJECTS COMPARABLE IN SIZE AND COMPLEXITY TO THIS ONE.

EXHAUST FAN SCHEDULE

FAN DESIGN.	TYPE	BALANCE CFM	SELECTION CFM	S.F. IN INCHES	RPM	MOTOR DATA			COOK MODEL NO.	REMARKS
						HP	VOLTS	PH.		
EF-1	IN-LINE	100	110	0.375	1500	1/6	120	1	GN-164	1, 2, 3, 4, 5
EF-2	ROOF MOUNTED	8000	8000	0.25	683	1 1/2	208	3	210C8B	1, 4, 6, 7
EF-3	ROOF MOUNTED	8000	8000	0.25	683	1 1/2	208	3	210C8B	1, 4, 6, 7

- FAN SHALL BE SELECTED BASED ON SELECTION CFM AND STATIC PRESSURE LISTED. FAN SHALL BE BALANCED IN FIELD TO BALANCE CFM INDICATED.
- PROVIDE MANUAL STARTER MOUNTED ON WALL - LOCATION AS DIRECTED BY ARCHITECT.
- PROVIDE SOLID STATE SPEED SWITCH MOUNTED ON FAN.
- PROVIDE BACK DRAFT DAMPER AND DISCONNECT SWITCH.
- PROVIDE ANODIZED ALUMINUM WALL CAP WITH FAN, SIZED PER MANUFACTURER'S GUIDELINES OR AS INDICATED ON PLANS
- PROVIDE 6" HIGH ROOF CURB (SUITABLE FOR ROOF STYLE & SLOPE), BACKDRAFT DAMPER, DISCONNECT SWITCH AND BIRD SCREEN.
- PROVIDE WALL MOUNTED THERMOSTAT TO CONTROL FAN SET @ 80° F. PROVIDE WALL MOUNTED SWITCH TO OVERRIDE THERMOSTAT & BRING FAN ON.

ELECTRIC UNIT HEATER SCHEDULE

DESIGNATION	MODINE MODEL NO.	MOTOR			THROW TYPE	KW	INLET CFM	OPER. WEIGHT	REMARKS
		HP.	VOLTS	PHASE					
EUH-1, 2, 3, 4, 5 & 6	HER	1/40	208	1	HORIZONTAL	10	650	65	1, 2, 3

- PROVIDE WALL MOUNTED THERMOSTAT WITH FAN ON-OFF SWITCH
- TOTALLY ENCLOSED, SHADED POLE MOTOR
- PROVIDE FACTORY MOUNTING KIT FOR WALL OR CEILING AS REQUIRED

AIR CONDITIONING SYSTEM SCHEDULE

SYSTEM NO.	AIR CAPACITY		COOLING CAPACITY				AIR HANDLING UNIT			ELECTRIC HEAT		CONDENSING UNIT				REMARKS			
	TOTAL	MINIMUM O.A. CFM	TOTAL	SENSIBLE	ENTERING	LEAVING	TRANE CO. MODEL NO.	MOTOR HP	WEIGHT LBS.	KW	CONTROL STEPS	TRANE CO. MODEL NO.	VOLTS/PH.	UNIT MCA	WEIGHT LBS.				
	BTU/HR	BTU/HR	DB F	WB F	DB F	WB F													
1	900	100	22240	11192	16.6	65.4	96.1	95.9	500	TUE030	1/4	125	7	1	21TR2030	208/3	5/5	200	1, 2

- REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- AIR UNIT AND ELECTRIC HEATER SECTION SHALL INCORPORATE SINGLE POINT ELECTRICAL CONNECTION.

DRAIN SCHEDULE

DESIGNATION	SMITH MODEL NO.	DESCRIPTION	REMARKS
FD-1	2010-A-P050	C.I. BODY WITH 6" ROUND NICKEL BRONZE STRAINER AND PRIMER TAP	---
FD-2	2250Y-S-M	C.I. BODY WITH 18" SQUARE CAST IRON ADA TRACTOR GRATE AND SEDIMENT BUCKET	---

FIXTURE SCHEDULE

FIXTURE	SYMBOL	WASTE	VENT	COLD WATER	HOT WATER
WATER CLOSET	WC-1	4'	4'	1'	---
LAVATORY	L-1	1 1/2'	1 1/2'	1/2'	1/2'
SINK	S-1	2'	2'	1/2'	1/2'
SHOWER	SH-1	2'	2'	1/2'	1/2'
SERVICE SINK	SS	3'	3'	1/2'	1/2'
FREEZE PROOF WALL HYDRANT	FFUH	---	---	1/2'	---

f1+
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PROJECT DESCRIPTION

ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING

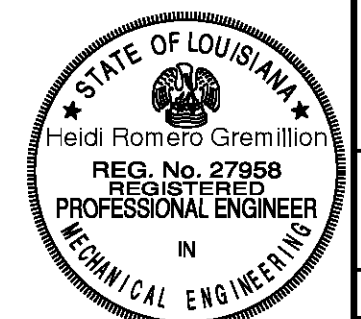
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KEY PLAN - FLOOR

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Issue Date Remark

NOTES, LEGENDS, AND SCHEDULES



CONSTRUCTION DRAWINGS

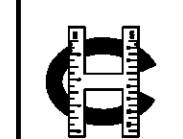
Job No. 213058.02 Sheet No.

Drawn by SH

Checked by EH

Date 14 MAR 2014

M1.1



Howell Consultants L.L.C.
380 Westridge Dr. Mandeville, LA 70471
Phone 985.628.8305 Fax 985.727.9303
HC Project No. 13029

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

PO BOX 1149
SLIDELL, LA 70458

KEY PLAN - FLOOR

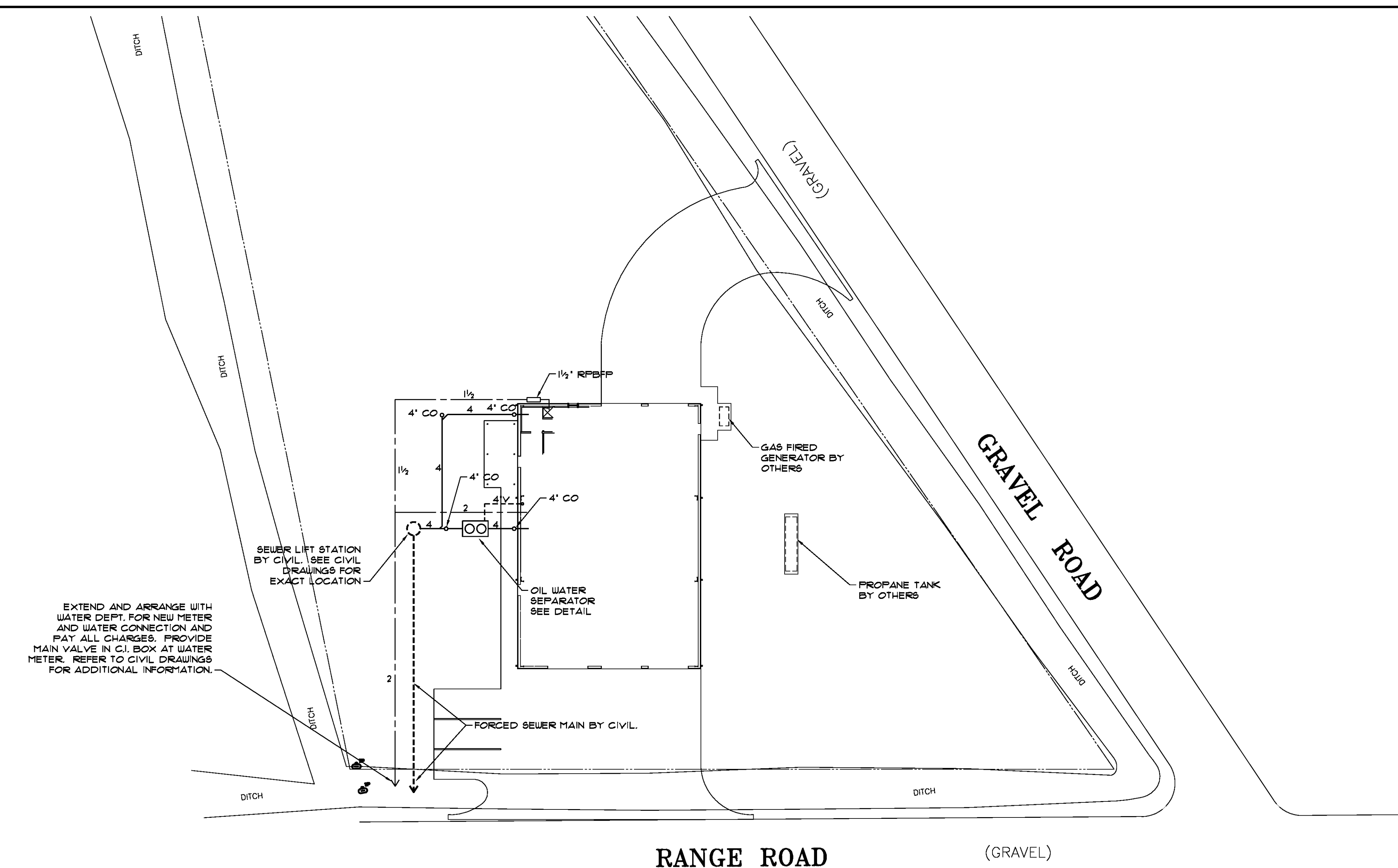
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Issue	Date	Remark

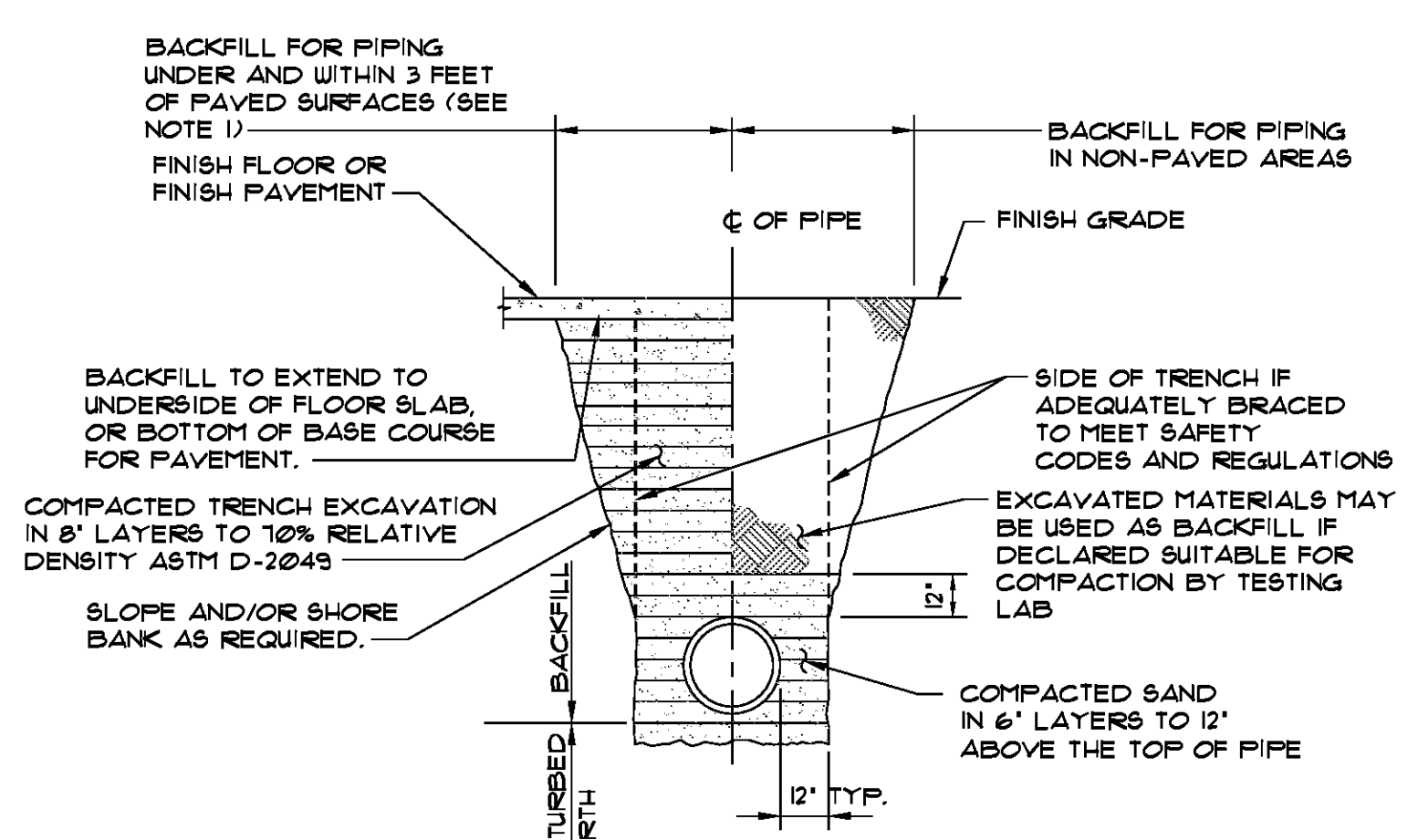
SITE PLAN - DETAILS

CONSTRUCTION DRAWINGS

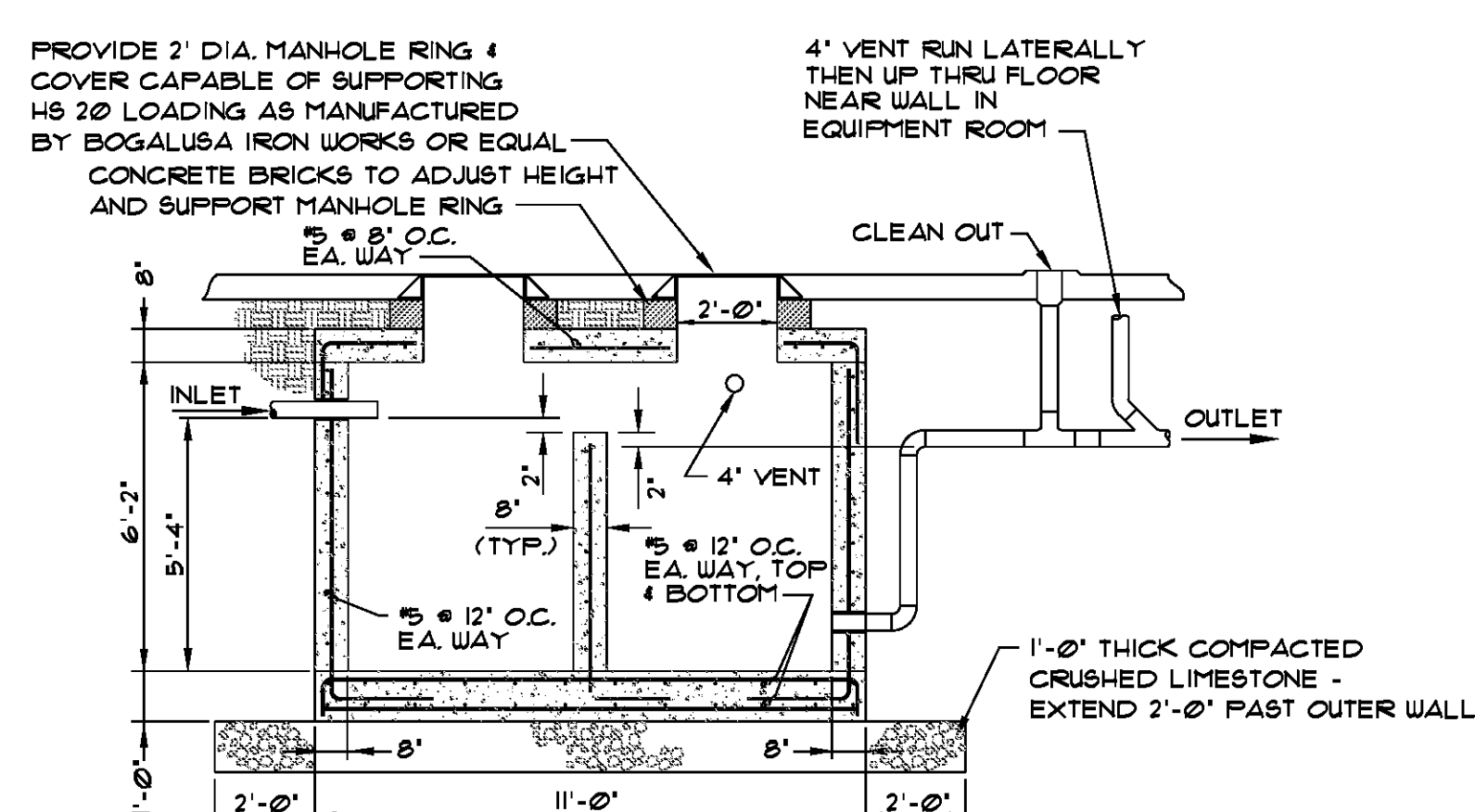
Job No	213058.02	Sheet No	M2.1
Drawn by	SH		
Checked by	EH		
Date	14 MAR 2014		



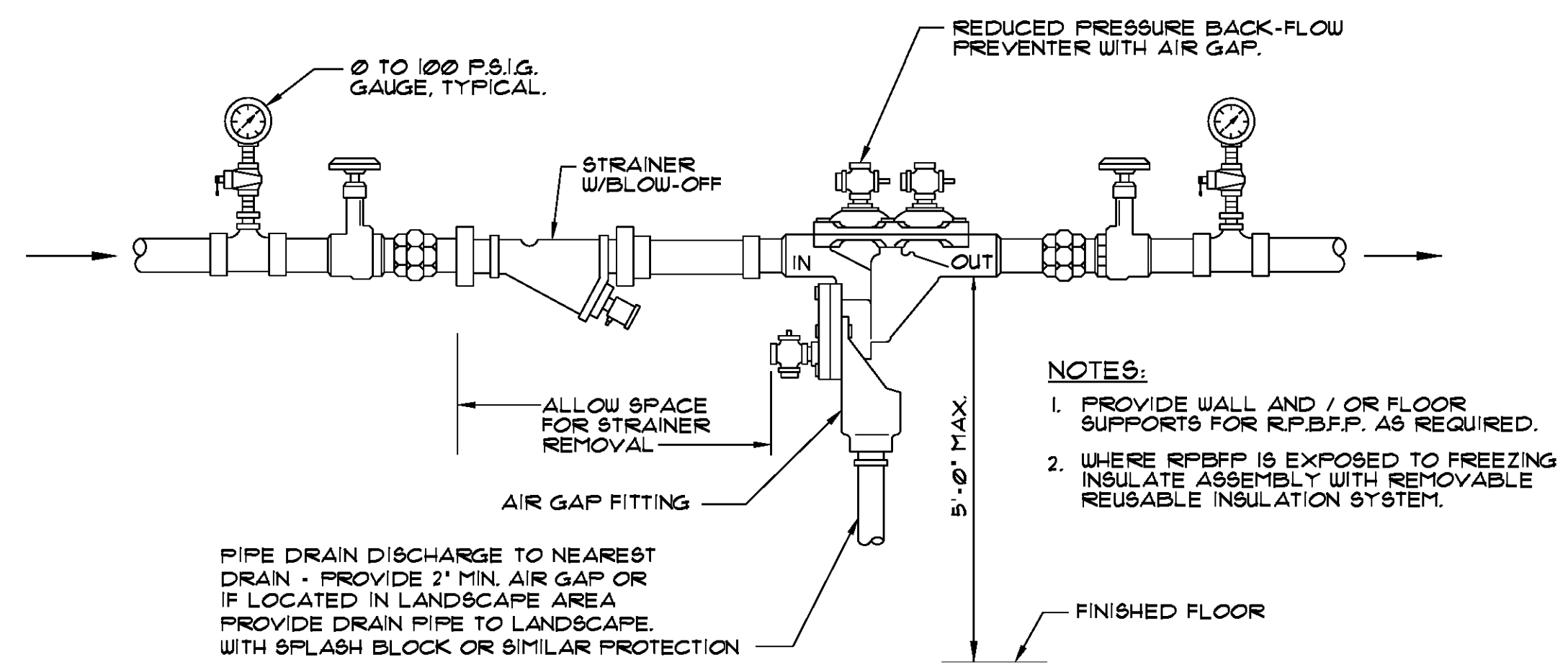
1 SITE PLAN - PLUMING
M2.1 SCALE: 1" = 20'-0"



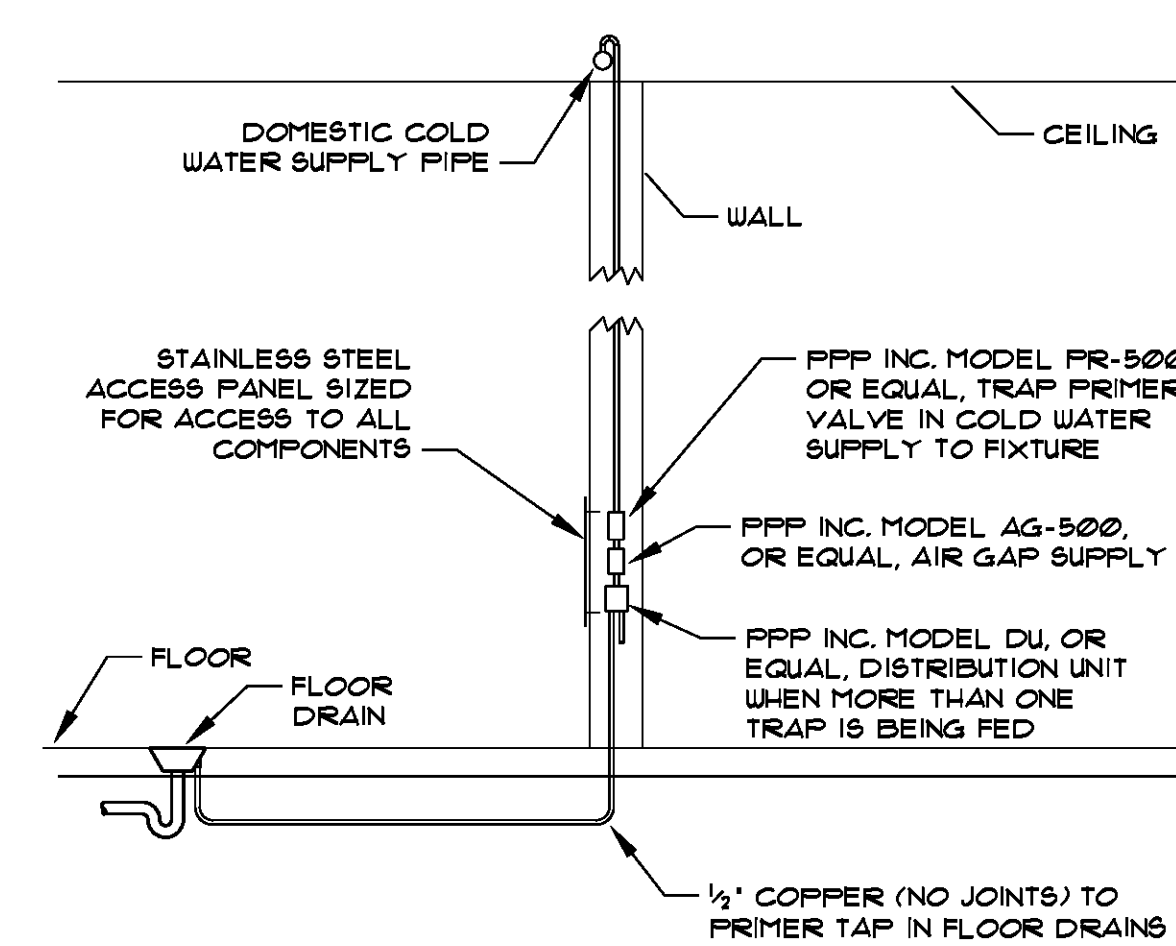
PIPE BEDDING AND BACKFILL DETAIL
NTS



COMBINATION SAND TRAP / OIL WATER SEPARATOR DETAIL
NOT TO SCALE



REDUCED PRESSURE BACK-FLOW PREVENTER DETAIL
NTS



TRAP PRIMER TP-1 DETAIL
NOT TO SCALE



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KEY PLAN - FLOOR

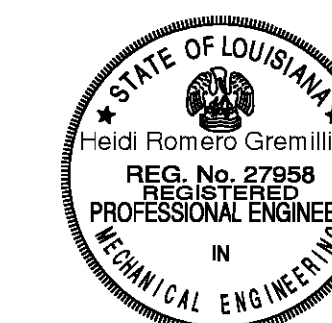
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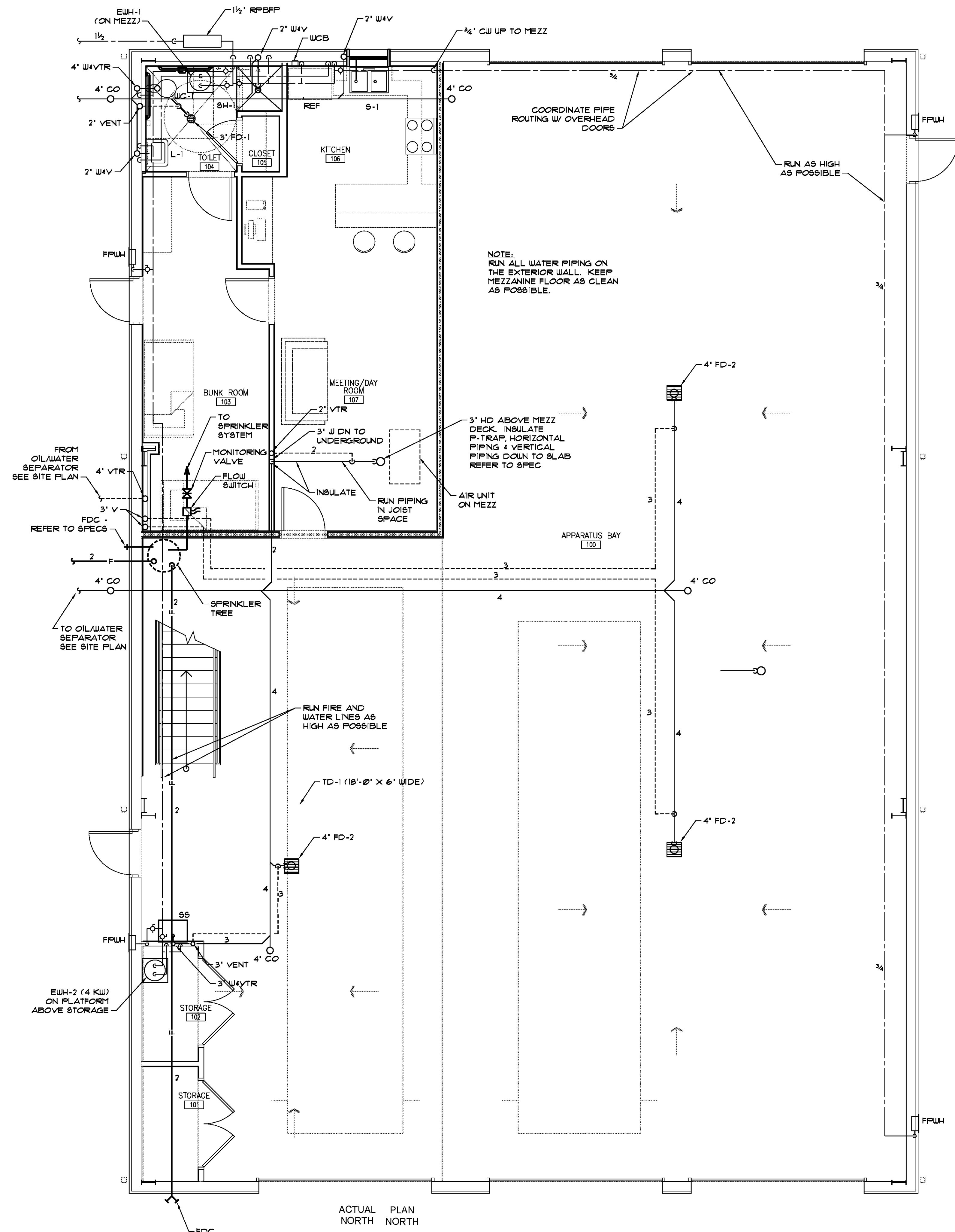
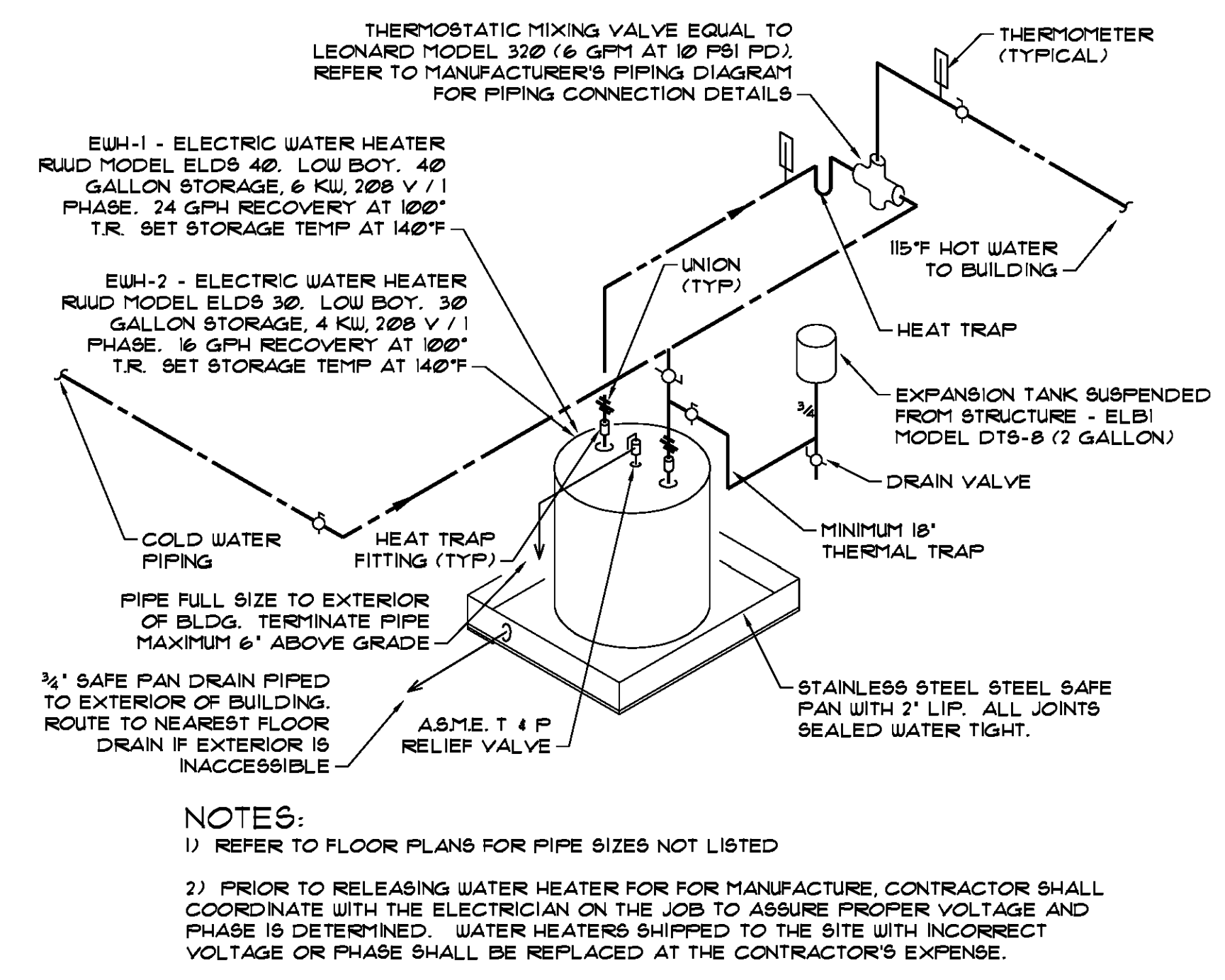
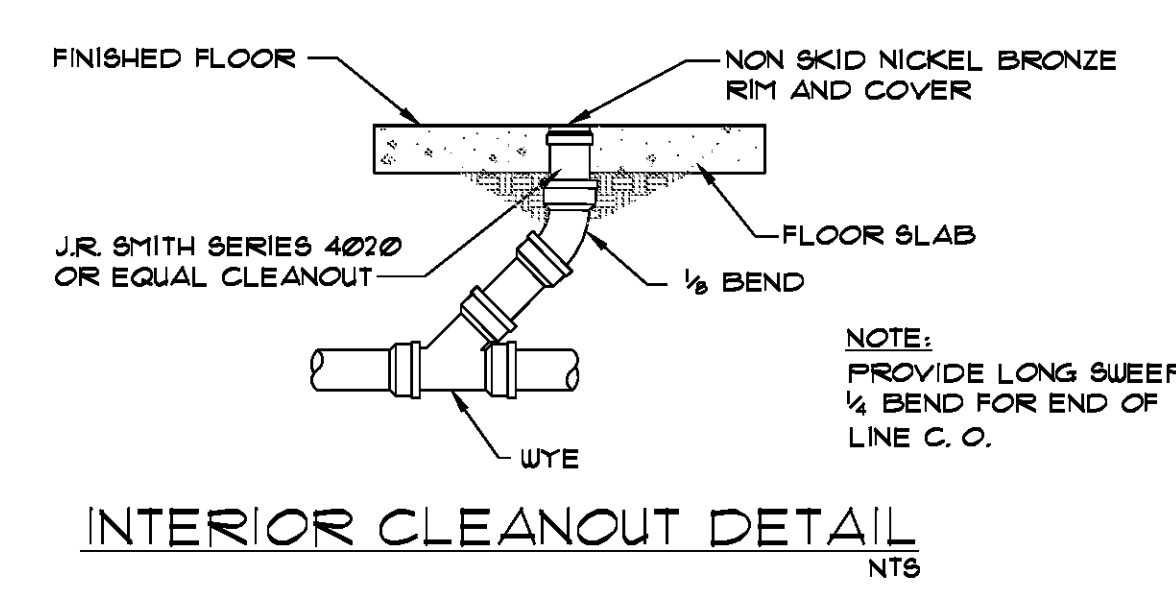
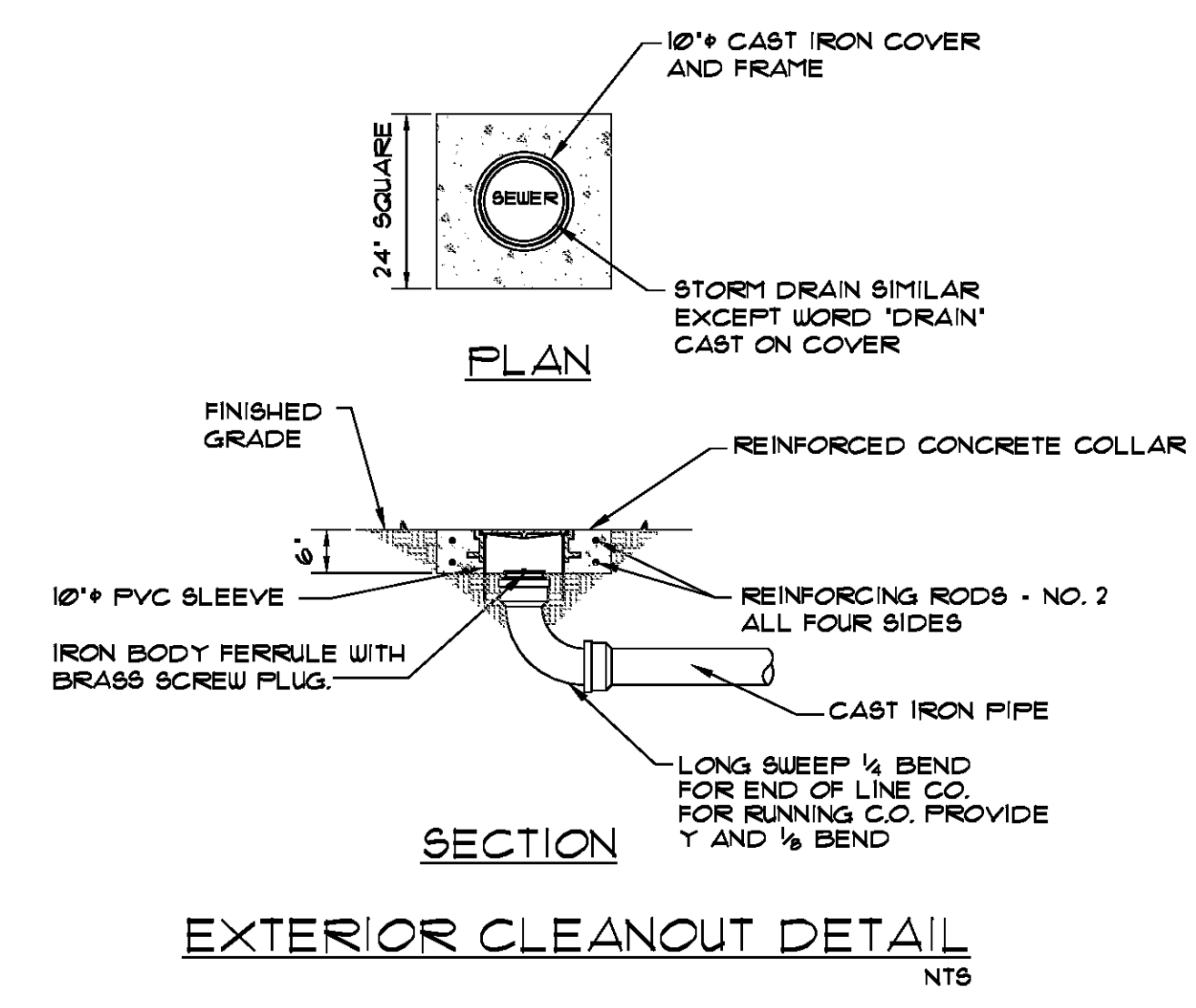
FLOOR PLAN - PLUMBING FIRE PROTECTION

CONSTRUCTION DRAWINGS

Job No	213058.02	Sheet No	M3.1
Drawn by	SH	Checked by	EH
Date	14 MAR 2014		



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HC Project No. 13028



ACTUAL PLAN NORTH NORTH
1
M3.1 SCALE: 1/4" = 1'-0"

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

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KEY PLAN - FLOOR

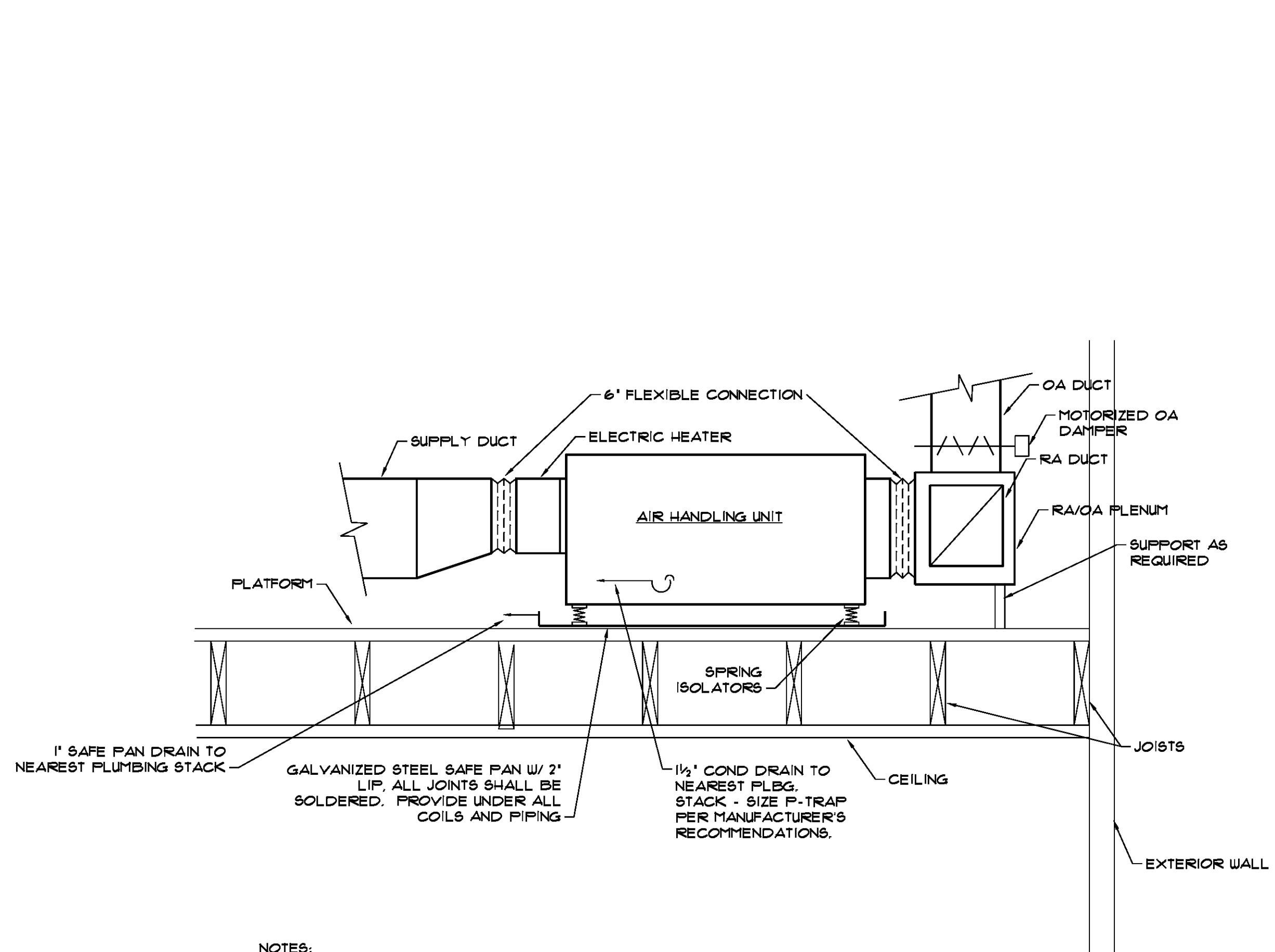
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Issue	Date	Remark

FLOOR PLAN - HVAC

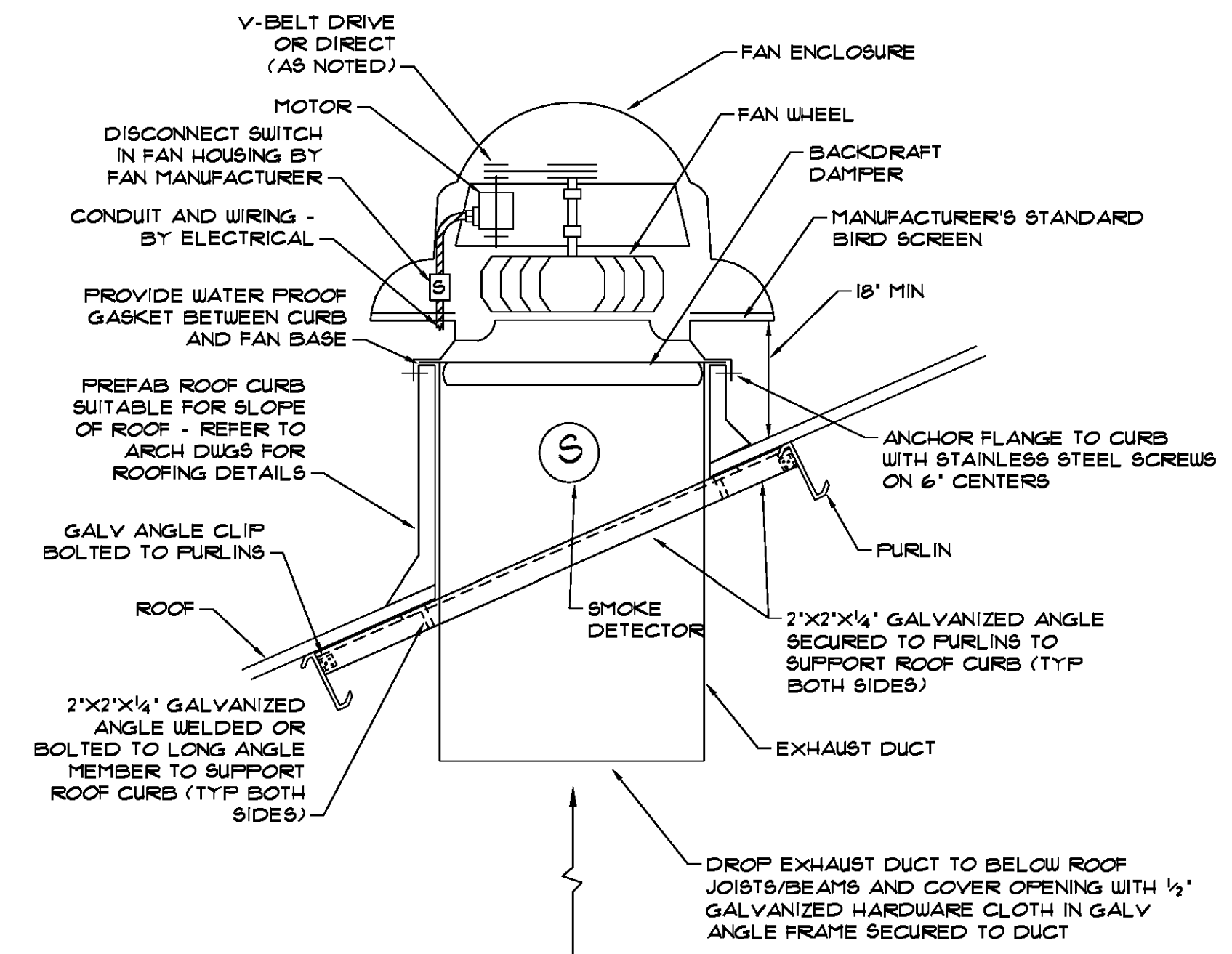
CONSTRUCTION DRAWINGS

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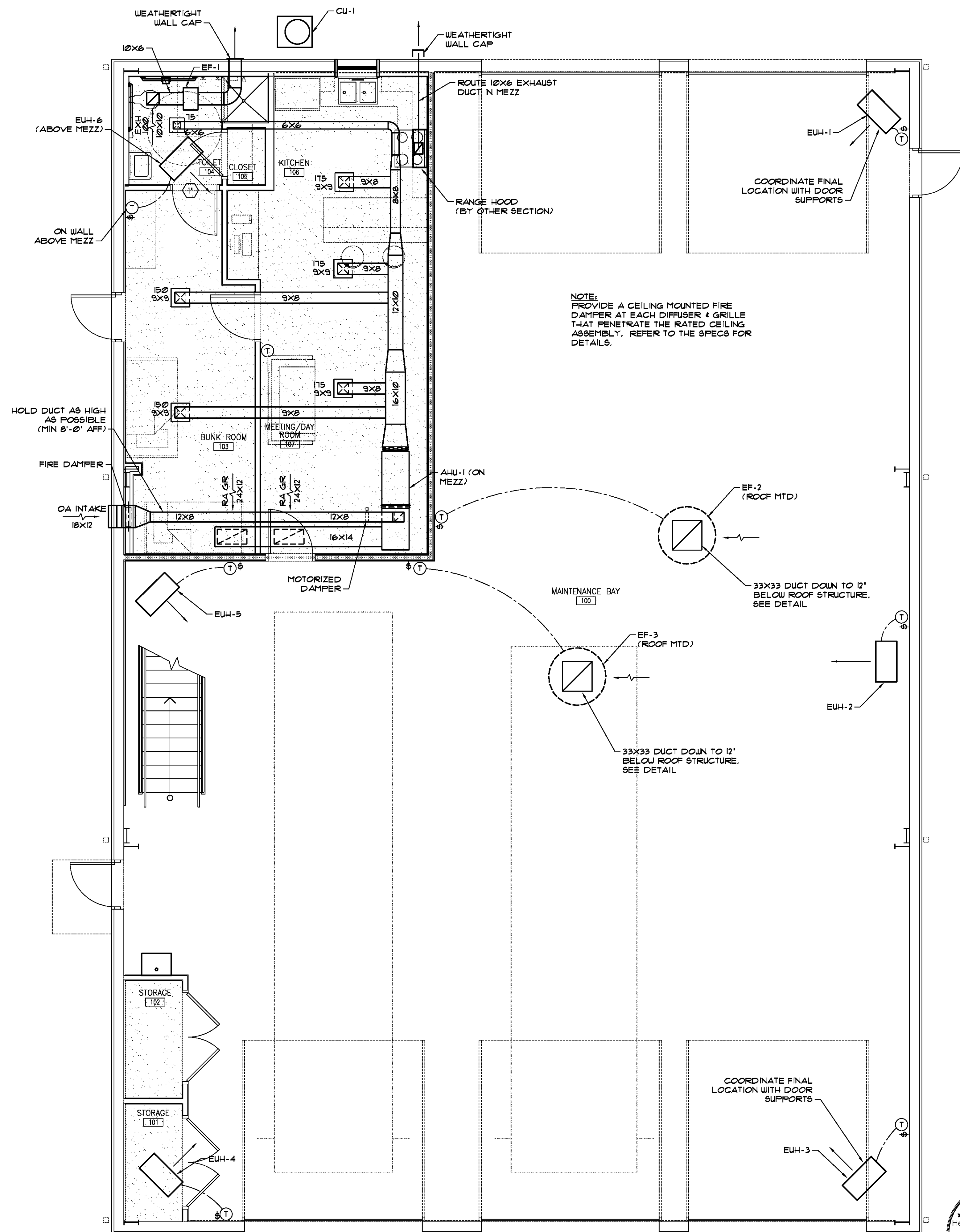
- NOTES:
- ON UNITS UNDER 5 TONS PROVIDE FIRESTAT IN THE RETURN AIR WIRED TO SHUT DOWN THE UNIT WHEN TEMPERATURE IS EXCEEDED.
 - ON UNITS 5 TONS AND LARGER, PROVIDE A SMOKE DETECTOR IN THE SUPPLY AND THE RETURN AIR DUCTS WIRED TO SHUT DOWN THE UNIT WHEN SMOKE IS DETECTED.

HORIZONTAL AIR HANDLING UNIT INSTALLATION DETAIL
NOT TO SCALE



- NOTES:
- REFER TO SPECIFICATIONS AND SCHEDULE FOR ADDITIONAL REQUIREMENTS

ROOF MOUNTED EXHAUST FAN DETAIL
NOT TO SCALE



ACTUAL PLAN NORTH NORTH
1 FLOOR PLAN - HVAC
M3.1 SCALE: 1/4" = 1'-0"

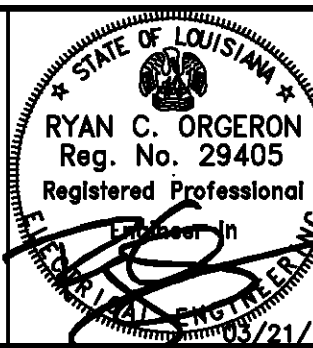


Howell Consultants, L.L.C.
380 Maple Ridge Dr., Mandeville, LA 70471
Phone 985.828.8305 Fax 985.727.9303
HC Project No. 13029

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



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Issue	Date	Remark

ELECTRICAL SITE PLAN

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY REQUIREMENTS AND THAT I AM ADMINISTERING THE WORK.

ENGINEER

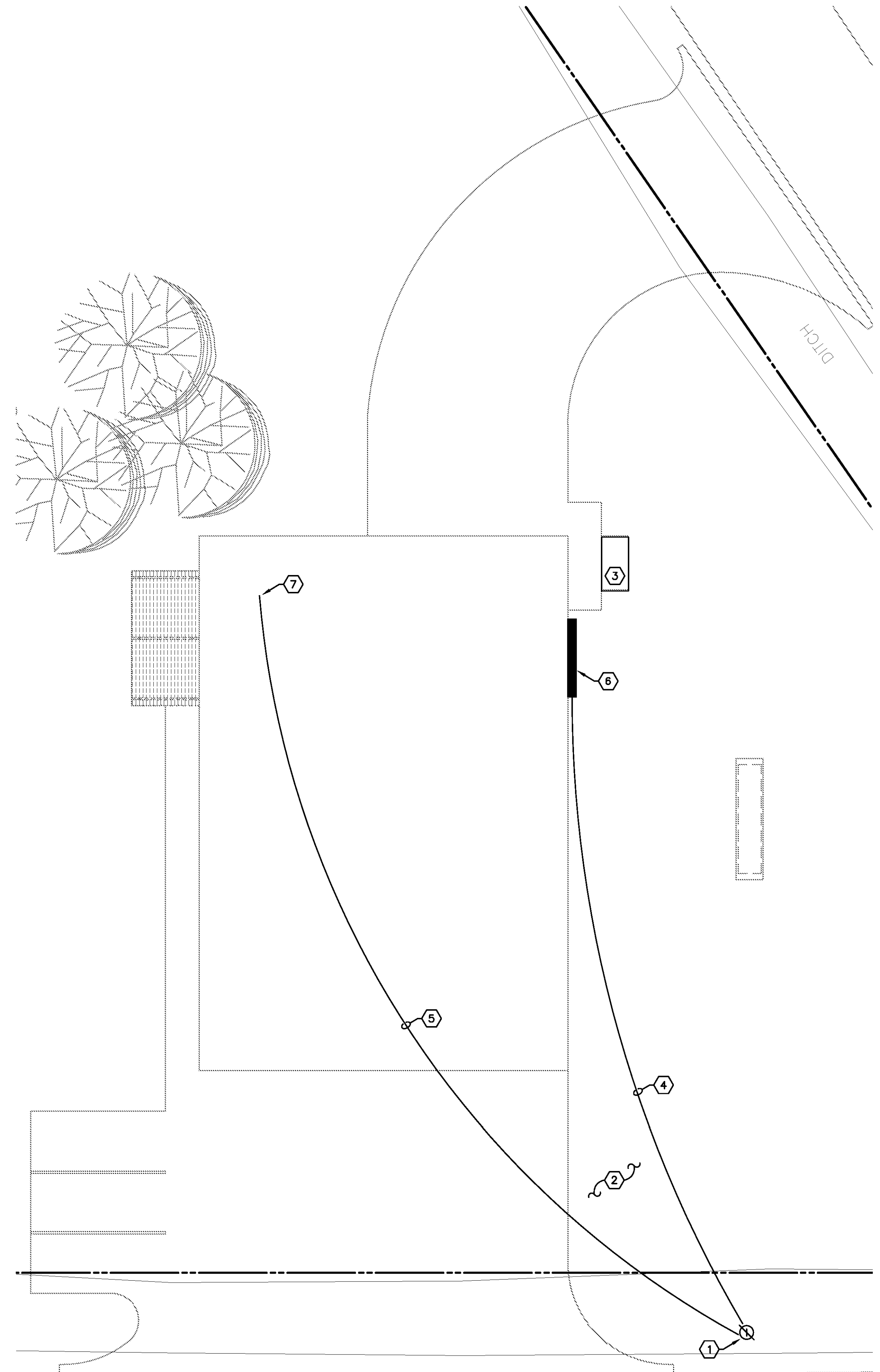
drake engineering
56 MARK SMITH DR. MANDEVILLE, LA 70471 (504) 382-3038 PROJECT No. 0948A13

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	E1.1
Drawn by	JNW		
Checked by	RCO		
Date	14 MARCH 2014		

ELECTRICAL LEGEND

⌚	FLUSH MOUNTED WALL SWITCH WITH STAINLESS STEEL DEVICE PLATE, SINGLE POLE, 20A, 120/277V, SATIN FINISH, MOUNTED AT 48" A.F.F. TO CENTERLINE OR AS NOTED.
⌚⌚	WALL SWITCHES WITH SAME SPECS AS ABOVE EXCEPT: 3-WAY, 4-WAY.
⌚⌚	TWO WALL SWITCHES COMBINED FOR SWITCHING DUAL BALLAST FIXTURES. ONE SWITCH FOR THE OUTSIDE LAMPS AND ONE FOR THE INSIDE LAMP.
◀	TELEPHONE OUTLET, WALL MOUNTED 18" A.F.F. OR AS NOTED, WITH 3/4" CONDUIT, WITH PULL STRING, STUBBED ABOVE CEILING AND BUSHED.
◀	OUTLET, WALL MOUNTED 18" A.F.F. OR AS NOTED, WITH TWO PORTS UNLESS SUBSCRIPT INDICATES OTHERWISE, WITH 1" CONDUIT, WITH PULL STRING, STUBBED ABOVE CEILING AND BUSHED.
◀	COMBINATION OUTLET, WALL MOUNTED 18" A.F.F. OR AS NOTED, WITH 3/4" CONDUIT, WITH PULL STRING, STUBBED ABOVE CEILING AND BUSHED.
⊕	FLUSH WALL MOUNTED DUPLEX RECEPTACLE, 20A, 120V, MOUNTED AT 18" A.F.F. TO CENTERLINE OR AS NOTED.
⊕	DUPLEX RECEPTACLE WITH SAME SPECS AS ABOVE WITH A SEPARATE ISOLATED GROUND CONDUCTOR CARRIED BACK TO THE BREAKER.
⊕	DUPLEX RECEPTACLE WITH SAME SPECS AS ABOVE WITH INTERNAL GROUND FAULT CIRCUIT INTERRUPTER.
⊕	DUPLEX RECEPTACLE WITH SAME SPECS AS ABOVE WITH INTERNAL GROUND FAULT CIRCUIT INTERRUPTER AND A WEATHERPROOF COVER.
⊕	DUPLEX RECEPTACLE WITH SAME SPECS AS ABOVE FOR A DEDICATED CIRCUIT.
⊕	QUADRUPLEX RECEPTACLE WITH SAME SPECS AS ABOVE.
⊕	SPECIALTY RECEPTACLE, PROVIDE PROPER NEMA CONFIGURATION PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
⊕	FUSED DISCONNECT SWITCH.
⊕	PANELBOARD, SURFACE OR RECESSED AS SHOWN
⊕	MOTOR, SIZE AS NOTED, "F" DENOTES FRACTIONAL HP TYPE EXHAUST FAN. MOTOR DRIVE.
⊕	CONDUIT AND WIRE CONCEALED IN WALL OR ABOVE CEILING. THE ARROW INDICATES A HOMERUN TO THE PANEL. SLASHES MARKS INDICATE THE NUMBER OF #12 WIRES IN THE CONDUIT. ABSENCE OF SLASHES IS (2) #12. SIZE CONDUIT PER N.E.C. A SEPARATE EQUIPMENT GROUND IS REQUIRED BUT IT IS NOT DENOTED WITH A SLASH. #10 DENOTES AN INCREASE IN THE WIRE SIZE.
⊕	JUNCTION BOX WITH COVER PLATE
NRC	NEAREST RECEPTACLE CIRCUIT
WP/RT	WEATHERPROOF/RAIN TIGHT
NL	NIGHT LIGHT
E	EMERGENCY FIXTURE
A.F.F./A.F.G.	ABOVE FINISHED FLOOR OR GRADE
CT	COUNTER TOP HEIGHT
⊕	DUCT SMOKE DETECTOR
⊕	SMOKE DETECTOR
⊕	HEAT DETECTOR
⊕	FIRE ALARM VISUAL SIGNAL UNIT
⊕	FIRE ALARM AUDIBLE SPEAKER/VISUAL SIGNAL UNIT
⊕	FIRE ALARM PULL STATION
⊕	FIRE ALARM HORN
⊕	FIRE ALARM SPEAKER
⊕	FIRE ALARM CONTROL MODULE
⊕	FIRE RELAY
⊕	FIRE ALARM CONTROL PANEL
⊕	REMOTE ANNUNCIATOR PANEL
⊕	WEATHERPROOF BELL
⊕	FIRE ALARM MONITOR MODULE
⊕	TELEVISION OUTLET



ELECTRICAL SITE PLAN
E1.1 SCALE: 3/32" = 1'-0"
ACTUAL NORTH PLAN NORTH

GENERAL ELECTRICAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST ACCEPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL, STATE AND NATIONAL CODES AND STANDARDS.
2. CONTRACTOR SHALL VISIT SITE, REPORT VARYING CONDITIONS TO OWNER'S CONSTRUCTION MANAGER IMMEDIATELY PRIOR BIDDING. PRIOR TO BIDDING VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE ALLOWED FOR CONDITIONS THAT A SITE VISIT SHOULD HAVE REVEALED.
3. ALL ELECTRICAL LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL INSTALLATIONS WITH THE ARCHITECTURAL DRAWINGS.
4. CONTRACTOR SHALL APPLY FOR AND PAY ALL NECESSARY ELECTRICAL PERMIT AND ELECTRICAL INSPECTION FEES.
5. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITIES WITH THE RESPECTIVE LOCAL UTILITY COMPANIES AND VERIFY THE AVAILABILITY OF THE SERVICE INDICATED. ANY SERVICE CHARGES SHALL BE PAID BY THE OWNER.
6. CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS FOR ALL PLUMBING EQUIPMENT AND MECHANICAL EQUIPMENT WITH THE EQUIPMENT SUPPLIER. BREAKER AND DISCONNECT SIZES SHALL MATCH THE ACTUAL REQUIREMENTS OF THE EQUIPMENT PROVIDED. REFERENCE MECHANICAL DRAWINGS FOR DETAILS, DIMENSIONS, SCHEDULES AND EXACT LOCATIONS OF MECHANICAL EQUIPMENT.
7. PENETRATIONS THROUGH FIRE/SMOKE 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.
8. ALL RECEPTACLES SHALL BE TAMPER PROOF.

ELECTRICAL KEY NOTES:

- 1 COORDINATE THE INSTALLATION FOR A NEW ELECTRICAL SERVICE. COORDINATE NEW POLE LOCATION WITH CLECO AND OWNER'S CONSTRUCTION MANAGER.
- 2 ASSURE ACCURATE KNOWLEDGE OF THE SITE FOR UNDERGROUND UTILITIES. CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL TO VERIFY THE EXACT LOCATION OF EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING OR AUGURING.
- 3 APPROXIMATE LOCATION OF GENERATOR PROVIDED BY OWNER. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
- 4 CONDUITS SHALL BE ROUTED UNDERGROUND FROM THE NEW UTILITY POLE TO THE ELECTRICAL SERVICE. THESE CONDUITS SHALL BE BURIED A MINIMUM OF 36" BELOW GRADE. VERIFY EXACT INSTALLATION DETAILS WITH THE UTILITY COMPANY PRIOR TO INSTALLATION. SEE RISER DIAGRAM FOR MORE DETAILS.
- 5 CONDUITS SHALL BE ROUTED UNDERGROUND FROM THE NEW UTILITY POLE TO THE SPECIAL SYSTEMS BACKBOARD. THESE CONDUITS SHALL BE BURIED A MINIMUM OF 36" BELOW GRADE. VERIFY EXACT INSTALLATION DETAILS WITH THE UTILITY COMPANY PRIOR TO INSTALLATION. SEE RISER DIAGRAM FOR MORE DETAILS.
- 6 APPROXIMATE LOCATION OF NEW ELECTRICAL SERVICE. SEE THE RISER DIAGRAM, SHEET E4.1 FOR MORE DETAILS.
- 7 APPROXIMATE LOCATION OF SPECIAL SYSTEMS CONDUIT PENETRATIONS TO THE SLAB. COORDINATE EXACT LOCATION WITH THE STRUCTURAL ENGINEER, THE ARCHITECT.

PROJECT DESCRIPTION

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FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING

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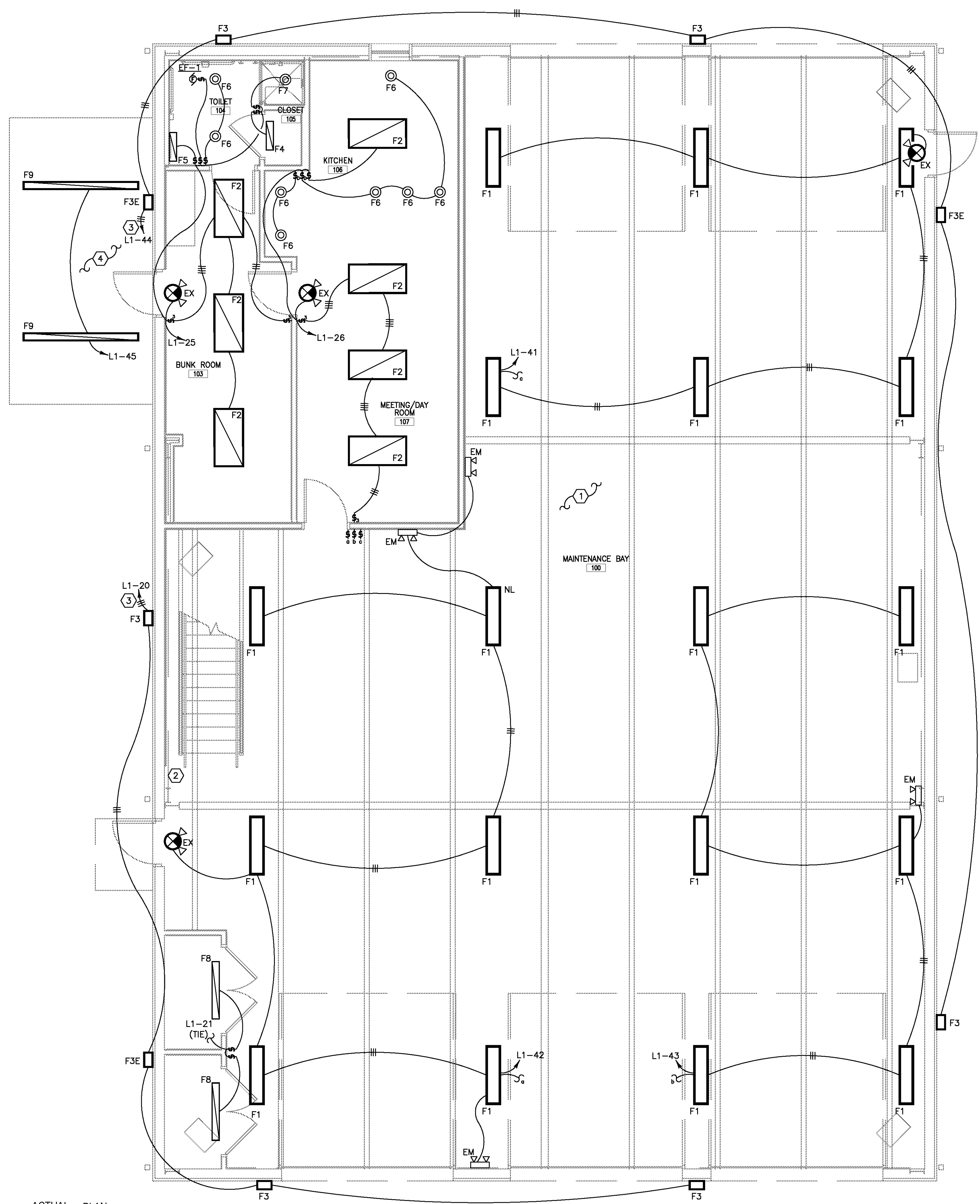
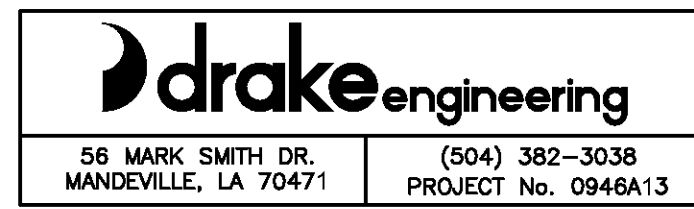
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Issue	Date	Remark

LIGHTING PLAN

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	E2.1
Drawn by	JNW		
Checked by	RCO		
Date	14 MARCH 2014		



ACTUAL PLAN NORTH NORTH
1 LIGHTING PLAN
E2.1 SCALE: 1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER CAT. NO.	DESCRIPTION
F1	METALUX I5-454T5-G-TBW-WG-UNV-EBT2-NUA-TILW	1' x 4' FLUORESCENT HIGH BAY, (4) 54W T5 LAMPS, ELECTRONIC BALLAST, WITH WIREGUARD SURFACE MOUNT.
F2	METALUX 2FR8-232A125-UNV-EB81-U	2' x 4' LENSED FLUORESCENT TROFFER WITH (2) F32/835 T8 LAMPS, ELECTRONIC BALLAST, AND FLANGE KIT.
F3	LUMARK XTOR5A-BRONZE-120V-DEEP BOX TO MATCH THE S3E NO BATTERY PACK	WALL MOUNTED CROSSTOUR LED, 30W WITH 5000K TEMPERATURE, DEEP BOX, AND FINISH WITH ARCHITECT.
F3E	LUMARK XTOR5A-BRONZE-120V-CBP	WALL MOUNTED CROSSTOUR LED, 30W WITH 5000K TEMPERATURE, DEEP BOX, EMERGENCY BATTERY BACKUP AND FINISH WITH ARCHITECT.
F4	METALUX BC-2-17-A-UNV-EB81	2' SURFACE MOUNTED WRAPAROUND LENSED FLUORESCENT WITH (2) 17W T8 LAMPS, ACRYLIC LENS, ELECTRONIC BALLAST.
F5	METALUX BE-2-17-UNV-EB81	2' WALL MOUNTED LENSED FLUORESCENT WITH (2) 17W T8 LAMPS, ACRYLIC LENS, ELECTRONIC BALLAST.
F6	ALL PRO E12700-75W PAR30L-TRIM	6" INCANDESCENT RECESSED CAN, VERIFY TRIM WITH ARCHITECT.
F7	ALL PRO E12700-35W PAR30L-ERT721	6" INCANDESCENT SHOWER LIGHT RECESSED CAN, WITH ALBALITE LENS SHOWER LIGHT LENS.
F8	OWNER PROVIDED FIXTURE (5)	EXISTING 4' FLUORESCENT STRIP WITH (3) 32W T8 LAMPS, ELECTRONIC BALLAST, WET LOCATION RATED FIXTURE.
F9	OWNER PROVIDED FIXTURE (5)	EXISTING 8' FLUORESCENT STRIP WITH (2) 96W T8 LAMPS, ELECTRONIC BALLAST, WET LOCATION RATED FIXTURE.
EX	EXTRONIX VEX-U-BP-WB-WH-EL90	COMBO EXT LIGHT WITH DUAL HEAD EMERGENCY FIXTURE, WHITE, WITH BATTERY BACK-UP, VERIFY EXACT MOUNTING HEIGHTS WITH THE ARCHITECT.
EM	EXTRONIX LL90	DUAL HEAD EMERGENCY FIXTURE WITH BATTERY BACK-UP

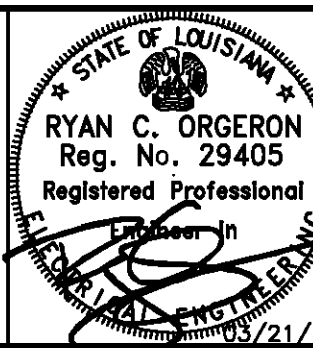
ELECTRICAL KEY NOTES

- 1 TYPE "F1" FIXTURES WILL BE INSTALLED FLUSH TO THE Z PURLINS. CONTRACTOR SHALL PROVIDE ALL THREAD AS NECESSARY TO LEVEL THE FIXTURE. UNI-STRUCT SHALL BE PROVIDED TO PROPERLY PLACE THE FIXTURES PER THE PLAN. SAFETY CHAIN WILL BE PROVIDED FOR EACH FIXTURE AS PER THE FIXTURE DESCRIPTION.
- 2 FOUR (4) TYPE "F9" FIXTURES SHALL BE INSTALLED ABOVE THE PLATFORMS OF THE BUILDING. THESE LIGHTS SHALL BE LOCATED AS OVER SERVICE PLATFORMS TO FACILITATE ANY WORK REQUIRED ON THE AIR HANDLING UNITS AND THE WATER HEATER. VERIFY EXACT LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE LIGHTS SHALL BE POWERED FROM CIRCUIT L1-21. VERIFY LOCATION OF A LIGHT SWITCH AT THE BOTTOM OF THE STEPS WITH ARCHITECT PRIOR TO INSTALLATION.
- 3 ROUTE EXTERIOR LIGHTING CIRCUIT THROUGH PHOTOCELL/TIMECLOCK CONTROLLED LIGHTING CONTACTOR.
- 4 ALTERNATE NO. 1 - CONTRACTOR SHALL PROVIDE TWO (2) F9 FIXTURES ASSOCIATED WITH THE ALUMINUM CANOPY IDENTIFIED AS ALTERNATE #1 IN THE ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL CONNECT ALTERNATE NO. 1 CIRCUIT TO THE BASE BID EXTERIOR LIGHTING CONTACTOR.
- 5 CONTRACTOR SHALL PROVIDE NEW LAMPS AND CLEAN FIXTURES. REPAIR ANY FAULTY BALLASTS OR SOCKETS AS NECESSARY.

PROJECT DESCRIPTION

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PROTECTION
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Issue	Date	Remark

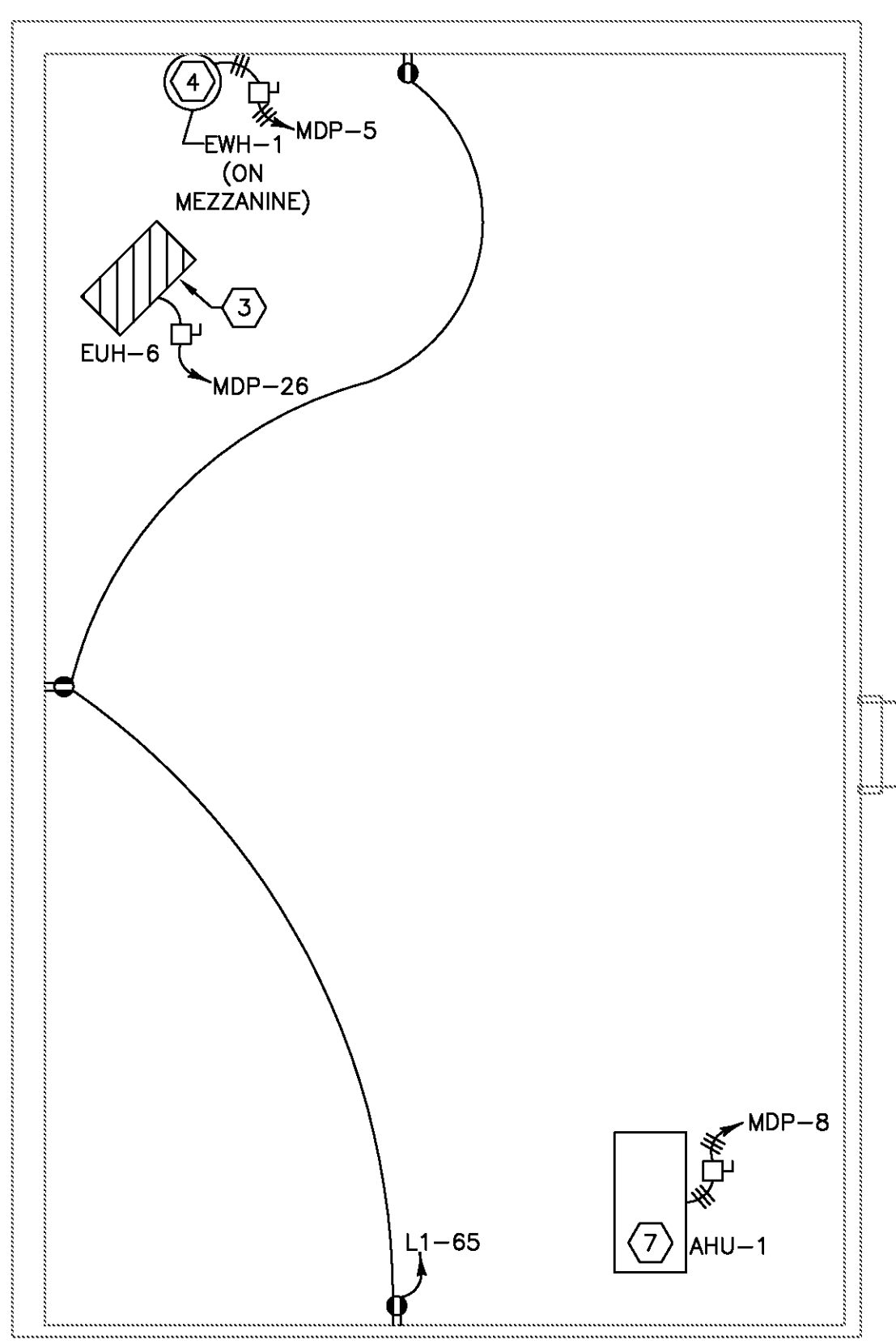
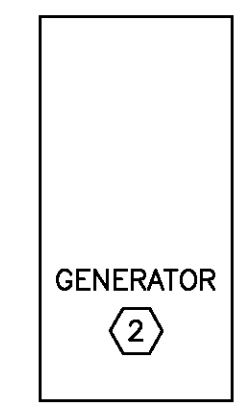
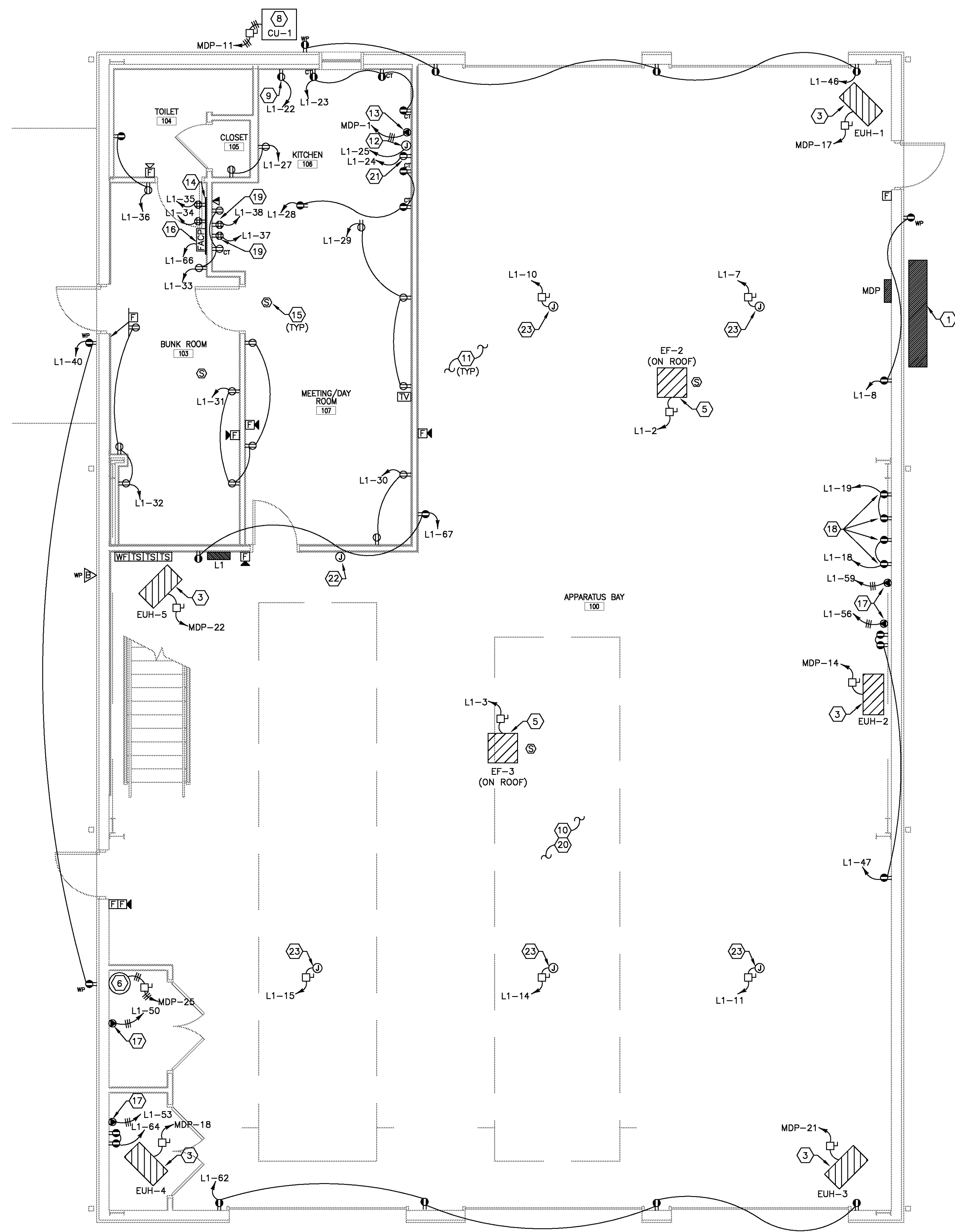
POWER PLAN

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	
Drawn by	JNW	E3.1	
Checked by	RCO		
Date	14 MARCH 2014		

ELECTRICAL KEY NOTES

- 1 APPROXIMATE LOCATION OF NEW ELECTRICAL SERVICE. SEE RISER DIAGRAM, SHEET E4.1 FOR MORE DETAILS.
- 2 ALTERNATE NO. 2 - PROVIDE TWO (2) 20A/1P CIRCUITS FOR THE GENERATOR BATTERY CHARGER AND BLOCK HEATERS. CONNECT CIRCUITS TO BREAKERS L1-4 AND L1-5. VERIFY DETAILS WITH THE OWNER PRIOR TO INSTALLATION.
- 3 ELECTRIC UNIT HEATER NO.1, 2, 3, 4, 5, & 6 (10 KW, 208V, 1Ø) 100A FUSIBLE DISCONNECT SWITCH, 1Ø, 2W, 250V, NEMA 1, FUSED AT 70A 1" CONDUIT WITH THREE (3) #4 AWG CONDUCTORS AND #8 AWG GROUND. VERIFY MOUNTING DETAILS AND SPECIFICATIONS PRIOR TO INSTALLATION.
- 4 ELECTRIC WATER HEATER NO.1 (6 KW, 208V, 3Ø) 30A FUSIBLE DISCONNECT SWITCH, 3Ø, 3W, 250V, NEMA 1, FUSED AT 25A 3/4" CONDUIT WITH TWO (2) #10 AWG CONDUCTORS AND #10 AWG GROUND. VERIFY EXACT LOCATION ON PLATFORM ABOVE CEILING AND SPECIFICATIONS PRIOR TO INSTALLATION.
- 5 EXHAUST FAN EF-2 & EF-3 (1 1/2 HP, 208V, 3Ø) PROVIDE POWER TO EXHAUST FAN MOTOR, CONNECTION TO MANUAL STARTER, BACKDRAFT DAMPER, CONTROL WIRING AND PROPER DISCONNECTING MEANS PER NEC. 3/4" CONDUIT WITH THREE (3) #10 AWG CONDUCTORS AND #10 AWG GROUND. VERIFY EXACT LOCATION ON ROOF AND SPECIFICATIONS PRIOR TO INSTALLATION.
- 6 ELECTRIC WATER HEATER NO.2 (4 KW, 208V, 3Ø) 30A FUSIBLE DISCONNECT SWITCH, 3Ø, 3W, 250V, NEMA 1, FUSED AT 30A 3/4" CONDUIT WITH THREE (3) #10 AWG CONDUCTORS AND #10 AWG GROUND. VERIFY EXACT LOCATION ON PLATFORM ABOVE CEILING AND SPECIFICATIONS PRIOR TO INSTALLATION.
- 7 AIR HANDLING UNIT NO.1 (7 KW, 208V, 3Ø) 30A FUSIBLE DISCONNECT SWITCH, 3Ø, 3W, 250V, NEMA 1, FUSED AT 30A 3/4" CONDUIT WITH THREE (3) #10 AWG CONDUCTORS AND #10 AWG GROUND. VERIFY EXACT LOCATION ON PLATFORM ABOVE CEILING AND SPECIFICATIONS PRIOR TO INSTALLATION.
- 8 CONDENSING UNIT NO.1 (208V, 3Ø) 30A FUSIBLE DISCONNECT SWITCH, 3Ø, 3W, 250V, NEMA 3R, FUSED AT 15A 3/4" CONDUIT WITH THREE (3) #10 AWG CONDUCTORS AND #10 AWG GROUND. VERIFY EXACT LOCATION AND SPECIFICATIONS PRIOR TO INSTALLATION.
- 9 PROVIDE POWER FOR REFRIGERATOR. VERIFY EXACT LOCATION AND SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL OWNER OR CONTRACTOR PROVIDED EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION OF THE OUTLETS.
- 10 ALL ELECTRICAL CONDUITS IN THE APPARATUS BAY SHALL BE CONCEALED WHERE POSSIBLE.
- 11 VERIFY EXACT LOCATION AND HEIGHT OF ALL RECEPTACLES, DATA OUTLETS AND TV OUTLET WITH ARCHITECT PRIOR TO INSTALLATION.
- 12 PROVIDE CONNECTION FOR RANGE HOOD.
- 13 OWNER PROVIDED ELECTRIC RANGE (208V, 1Ø) CONTRACTOR SHALL INSTALL A 50A, 4 WIRE (NEMA 14-50R) RECEPTACLE AND A 4 WIRE, 250V, 50A RANGE CORD THAT IS AT LEAST 4' LONG. CONTRACTOR SHALL MAKE FINAL TERMINATIONS TO THE EQUIPMENT. VERIFY EXACT SPECIFICATIONS WITH THE EQUIPMENT VENDOR PRIOR TO INSTALLATION OF THE ELECTRICAL SYSTEMS.
- 14 INSTALL 4' X 8' X 3/4" THICK PIECES OF PLYWOOD AS INDICATED. PROVIDE A #6 AWG ISOLATED GROUND CONDUCTOR CONNECTED DIRECTLY TO THE GROUND BUS IN PANEL "L1". ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE SURFACED MOUNTED.
- 15 PHOTO ELECTRIC SMOKE DETECTOR WITH SOUNDER BASE, SOUNDER BASE CONNECTION FOR DORMITORY COMPLIANCE. INDICATED SMOKE DETECTORS SHALL BE POWERED WITH 120V AND BATTERY BACK-UP THROUGH THE FIRE ALARM CONTROL PANEL.
- 16 FIRE ALARM CONTROL PANEL.
- 17 CONTRACTOR SHALL PROVIDE A SPECIALTY RECEPTACLE PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS.
- 18 APPROXIMATE LOCATION OF MOBILE LIFT CHARGING STATION.
- 19 QUAD RECEPTACLES TO BE MOUNTED BELOW COUNTER.
- 20 ALL RECEPTACLES IN THE APPARATUS BAY, UNLESS OTHERWISE NOTED, SHALL BE MOUNTED AT 48" AFF.
- 21 PROVIDE DEDICATED RECEPTACLE FOR RANGE MOUNTED MICROWAVE.
- 22 APPROXIMATE LOCATION OF FIVE (5) ROLL UP DOOR CONTROLLERS. CONTRACTOR SHALL ROUTE 3/4" CONDUIT WITH SIX (6) #12 AWG CONDUCTORS AND #12 AWG GROUND TO DESIGNATED OVERHEAD DOOR MOTOR. PROVIDE LABELS ON DOOR CONTROLLERS PROVIDED BY DOOR VENDOR. COORDINATE EXACT LOCATION WITH THE ARCHITECT PRIOR TO INSTALLATION. DOOR INSTALLER SHALL MAKE FINAL TERMINATIONS AT MOTOR.
- 23 OVERHEAD DOOR MOTOR (208V, 1Ø) 30A FUSIBLE DISCONNECT, 1Ø, 3W, 250V, NEMA 1, FUSED AT 20A 3/4" CONDUIT WITH THREE (3) #10 AWG CONDUCTORS & #10 AWG GROUND. CONTRACTOR SHALL PROVIDE ALL NECESSARY CONDUIT, WIRES, AND BOXES. CONTRACTOR SHALL PROVIDE CONNECTIONS FOR CONTROLLER, SENSORS, MOTOR, ETC. FOR A TURN-KEY SYSTEM. VERIFY EQUIPMENT SPECIFICATIONS PRIOR TO INSTALLATION.



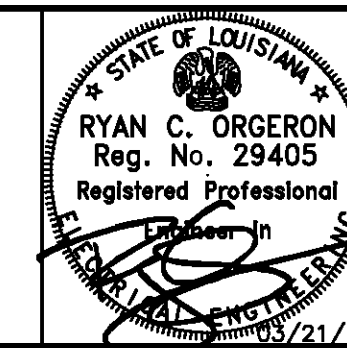
ACTUAL PLAN NORTH
1 POWER PLAN
E3.1 SCALE: 1/4" = 1'-0"

2 PLATFORM POWER PLAN
E3.1 SCALE: 1/4" = 1'-0"

PROJECT DESCRIPTION

ST. TAMMANY
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34780 South Range Road
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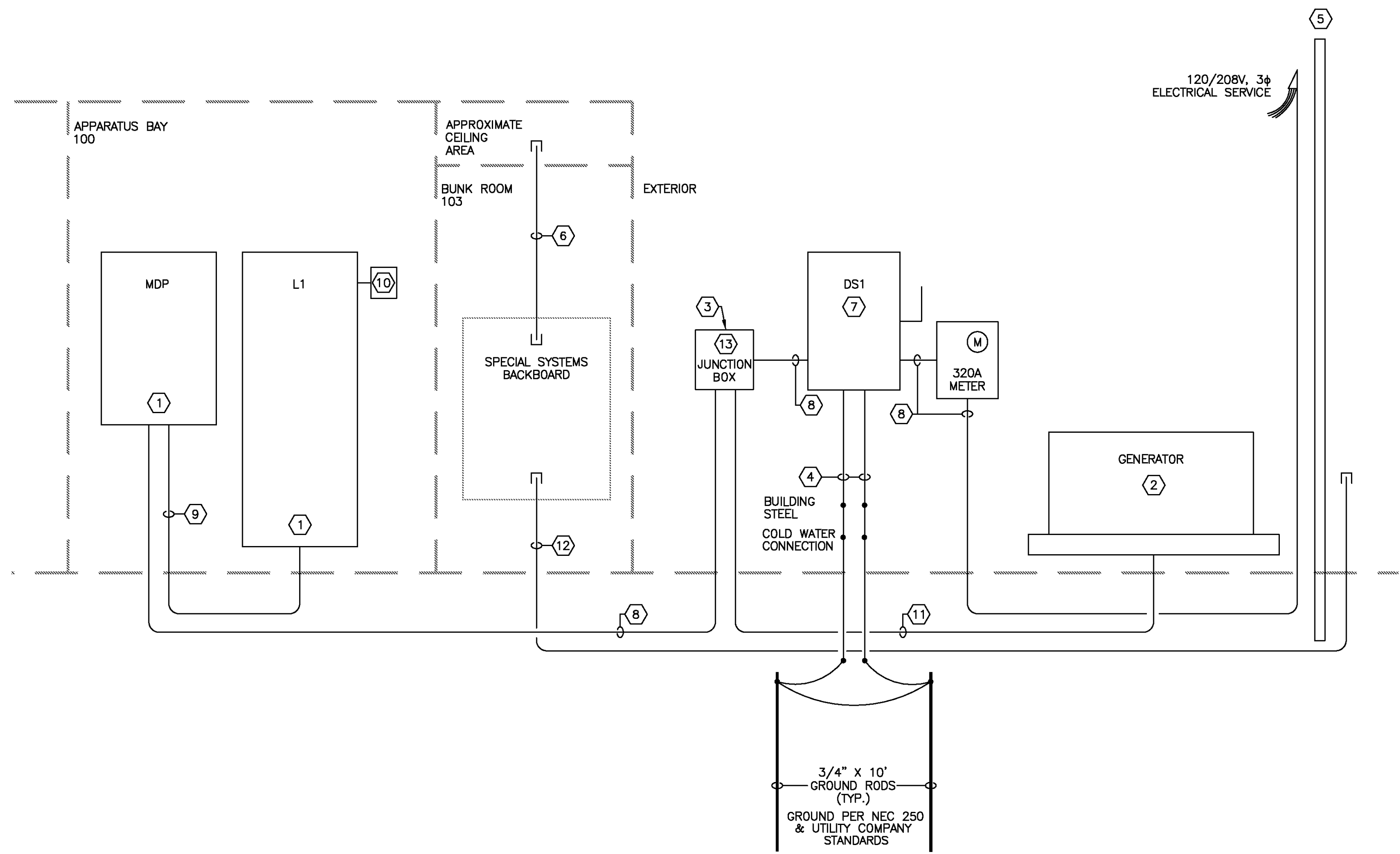
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Issue	Date	Remark

ELECTRICAL RISER DIAGRAM

CONSTRUCTION DOCUMENTS

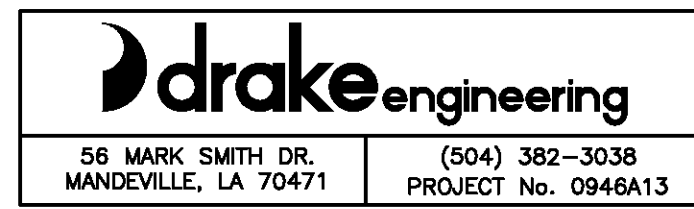
Job No	213D58.D2	Sheet No	E4.1
Drawn by	JNW		
Checked by	RCO		
Date	14 MARCH 2014		

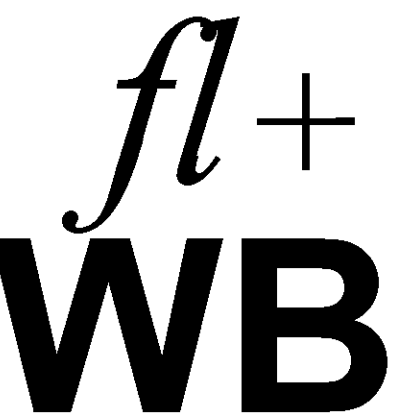


1 ELECTRICAL RISER PLAN
E4.1 SCALE: N.T.S

ELECTRICAL KEY NOTES

- ① THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY BALANCING THE LOADS. SEE SPECIFICATIONS FOR DETAILS.
- ② ALTERNATE NO. 2 - OWNER PROVIDED GENERATOR AND ENCLOSURE. CONTRACTOR SHALL INSTALL AND PROPERLY GROUND THE GENERATOR.
- ③ ALTERNATE NO. 2 - OWNER PROVIDED. CONTRACTOR INSTALLED 400A AUTOMATIC TRANSFER SWITCH SHALL BE INSTALLED IN PLACE OF JUNCTION BOX.
- ④ #1/0 AWG GROUNDING ELECTRODE CONDUCTOR SHALL BE CONNECTED TO TWO (2) 3/4" X 10' COPPER DRIVEN GROUND RODS, THE COLD WATER PIPE, THE BUILDING STEEL, AND THE EXISTING GROUNDING LOOP WITHIN THE EXISTING BUILDING. CONNECT #1/0 AWG GROUND TO NEUTRAL BUS IN ELECTRICAL TROUGH. BOND NEUTRAL TO GROUND WITH #1/0 GROUND. ALL CONNECTIONS TO BE CADWELDED.
- ⑤ COORDINATE WITH CLECO THE INSTALLATION OF A NEW POWER POLE AND ELECTRICAL SERVICE TO POWER THE BUILDING. ONE CONDUIT SHALL BE STUBBED UP AS A SPARE FOR FUTURE USE. A PVC CAP SHALL BE INSTALLED.
- ⑥ TWO (2) 2" CONDUITS WITH PULL STRING EACH.
- ⑦ 400A SERVICE ENTRANCE RATED DISCONNECT SWITCH, 3φ, 250V, 4W, NEMA 3R, FUSED AT 400A.
- ⑧ 4" CONDUIT WITH FOUR (4) #600 KCMIL AND #1/0 AWG GROUND.
- ⑨ 2 1/2" CONDUIT WITH THREE (3) #4/0 AWG CONDUCTORS AND #2 AWG GROUND.
- ⑩ 20A, 6 POLE, 250V LIGHTING CONTACTOR WITH 120V COIL. A THREE POSITION SWITCH SHALL BE MOUNTED NEXT TO THE CONTACTOR. THIS SWITCH SHALL BE WIRED TO OPERATE THE LIGHTS AS LISTED BELOW:
"ON" - LIGHTS AND SIGNS SHALL BE TURNED ON.
"OFF" - LIGHTS AND SIGNS SHALL BE TURNED OFF.
"AUTO" - LIGHTS AND SIGNS SHALL BE CONTROLLED THROUGH A PHOTOCELL/TIMECLOCK SHALL BE MOUNTED ON THE EXTERIOR OF THE BUILDING.
- ⑪ ALTERNATE NO. 2 - 4" CONDUIT WITH FOUR (4) #600 KCMIL CONDUCTORS AND #1/0 AWG GROUND.
- ⑫ THREE (3) 2" CONDUITS WITH PULL STRING.
- ⑬ JUNCTION BOX SIZED AS PER NEC. CONTRACTOR SHALL PROVIDE 5' LOOP OF CONDUCTORS FOR EACH PHASE, NEUTRAL AND GROUND COILED FOR FUTURE INSTALLATION OF THE ATS.





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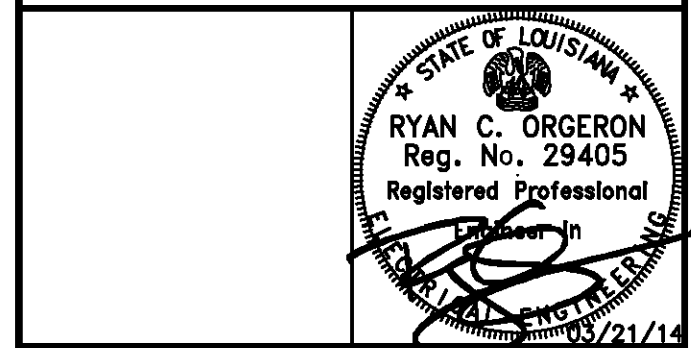
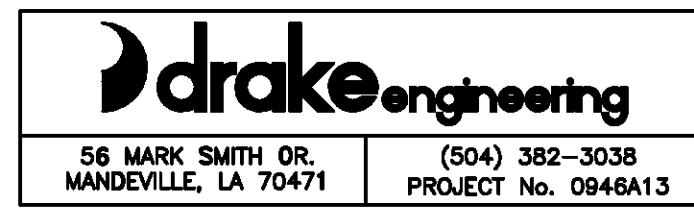
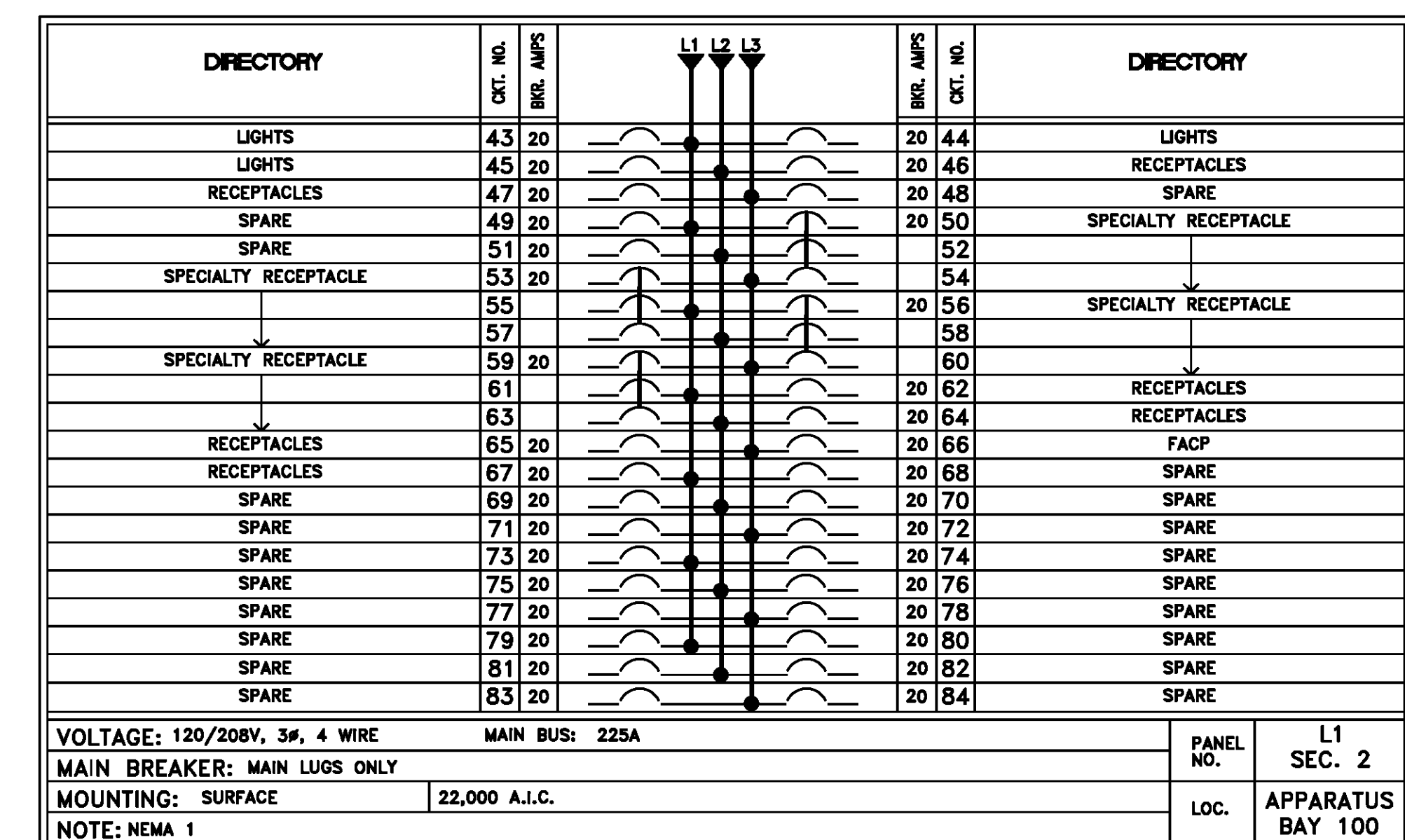
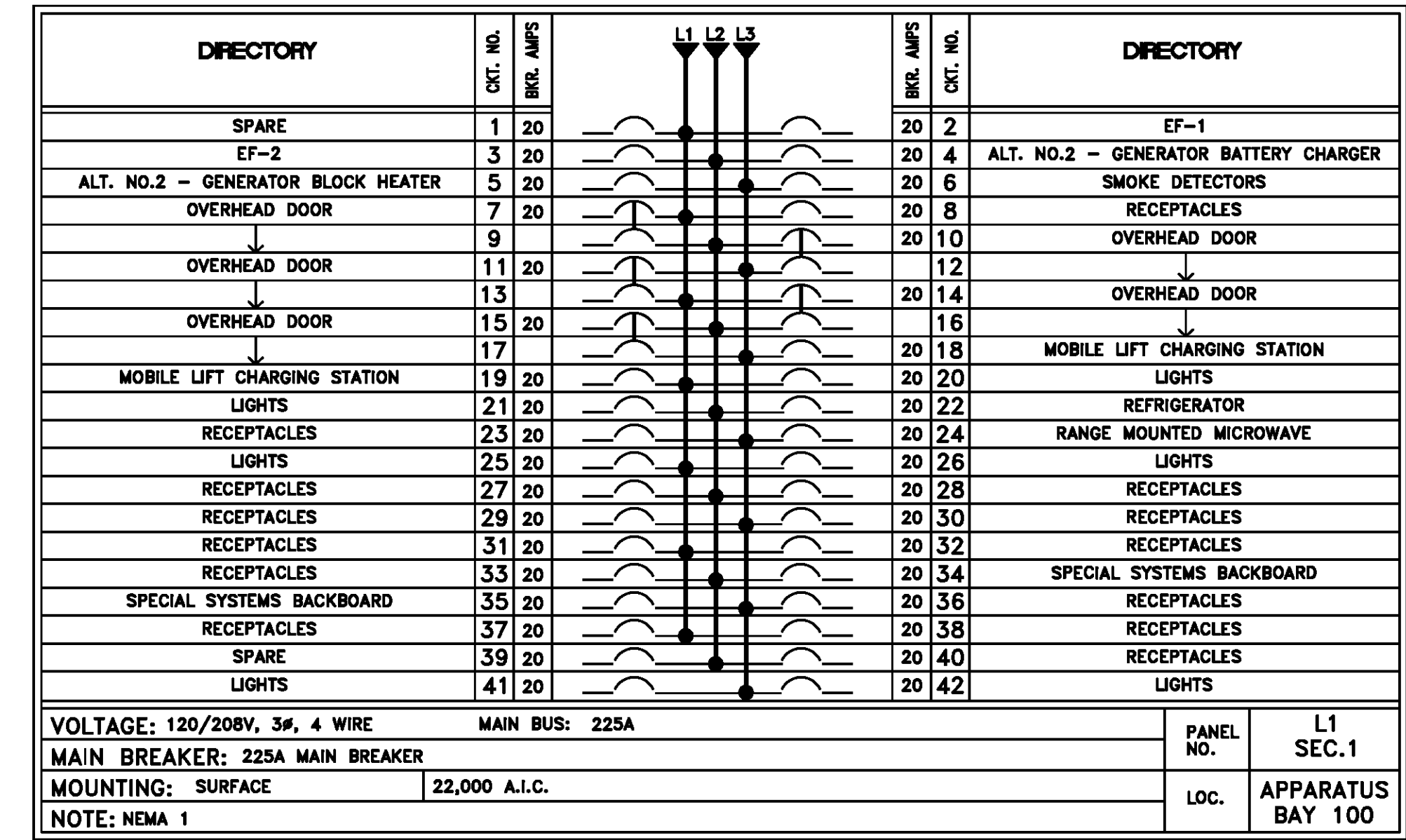
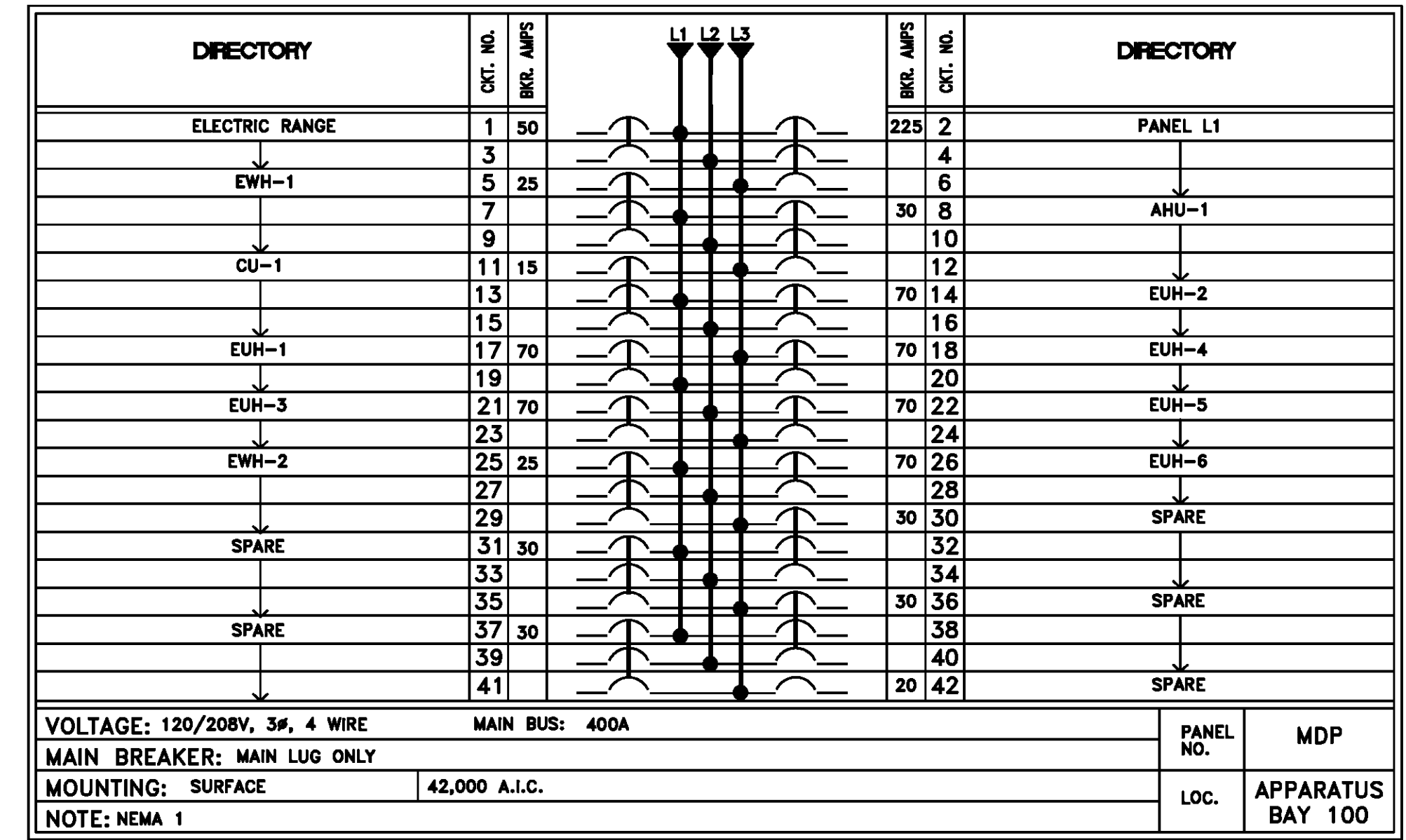
*architecture
planning
interiors
sustainable design
consulting*

229 ST. JOHN LANE
COVINGTON, LA 70433
985-893-4100

PROJECT DESCRIPTION

**ST. TAMMANY
FIRE
PROTECTION
DISTRICT NO. 1
MULTIPURPOSE
BUILDING**

34780 South Range Road
SLIDELL, LA 70460



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Issue	Date	Remark

PANEL SCHEDULES

CONSTRUCTION DOCUMENTS

Job No	213058.02	Sheet No	E5.1
Drawn by	JNW		
Checked by	RCO		
Date	14 MARCH 2014		