

LIFE-SAFETY INFORMATION

APPLICABLE CODES	
NFPA 101 LIFE-SAFETY CODE 2015	
STORAGE S-2 (CHAPTER 42) & LODGING & ROOMING (CHAPTER 26); CONSTRUCTION TYPE V B	
MIXED OCCUPANCIES (REFERENCE CHAPTER 6)	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)	
LODGING & ROOMING 2561 S.F.	200 SF GROSS / OCCUPANT = 13 OCCUPANTS
STORAGE S-2 2,000 S.F.	500 SF GROSS / OCCUPANT = 4 OCCUPANTS
TOTAL OCCUPANTS = 104 OCCUPANTS	
CLASSIFICATION OF HAZARD OF CONTENTS	
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2; SPECIFY LOW, ORDINARY, OR HIGH) LOW HAZARD	
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTERS, TABLE A.9.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)	
3 (200)	
FIRE SEPARATION BETWEEN ASSEMBLY AND STORAGE : 2 HRS (TABLE 6.1.14.4.1(a))	
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS	
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)	
1/2 DIAGONAL ASSEMBLY- 64 FT / 2 = 32.0 FT	SECTION 42.2.4.1 LOW AND ORDINARY HAZARD STORAGE OCCUPANCIES & SECTION 38.2.4.2 FOR BUSINESS ALLOWING FOR SINGLE MEANS OF EGRESS
MAXIMUM DEAD-END CORRIDORS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) 20 (ASSEM.) & 50 (STOR.)
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) 75 (ASSEM.) & 50 (STOR.)
MAXIMUM TRAVEL DISTANCE TO EXITS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) 200 (ASSEM.) & 200 (STOR.)
EXTINGUISHMENT REQUIREMENTS SPRINKLER (NOT REQUIRED)	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS REQUIRED (12.9.4.4 - 42.9.4.4)	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

BUILDING CODE

APPLICABLE CODES	
IBC 2015	
OCCUPANCY : STORAGE S-2 - RESIDENTIAL R-2 ; MIXED OCCUPANCIES (IBC 2015 CHAPTER 10)	
OCCUPANT CALCULATIONS (TABLE 1004.1.2)	
RESIDENTIAL GROUP R-2 2561 S.F.	200 GROSS 13 OCCUPANTS
STORAGE GROUP S-2 2,000 S.F.	500 GROSS 4 OCCUPANTS
TOTAL OCCUPANTS 17 OCCUPANTS	
CONSTRUCTION TYPE(S) CHAPTER 6	
V B (TABLE 601)	
FIRE SEPARATION BETWEEN ASSEMBLY AND STORAGE (S2) = 3 HOUR (IBC 2015 TABLE 508.4)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
MAXIMUM HEIGHT IN FEET (SECTION 503 & 504, TABLE 504.3)	NON-SPRINKLED 40
MAXIMUM NUMBER OF STORIES (SECTION 503 & 504, TABLE 504.4)	NON-SPRINKLED 2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 506.2)	NON-SPRINKLED 7,000 S.F.

WIND SPEED DESIGN REQUIREMENTS

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

WIND DESIGN DATA:

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

WIND SPEED Vult = 143 MPH (IBC FIG 1609.3(1))

NOMINAL DESIGN WIND SPEED Vnsd = 111 MPH (Vult x (0.8)^{1/2})

RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	C
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18		

LIVE LOADS (IBC SEC 1607)

STORAGE WAREHOUSE, LIGHT DUTY (IBC TABLE 1607.1):	125 PSF
OFFICE LOBBIES & CORRIDORS 1ST FLOOR	100 PSF
OFFICES (IBC TABLE 1607.1):	50 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF UNIFORM, 300 LB CONCENTRATED

SNOW LOADS (IBC SEC 1608):

GROUND SNOW LOAD (IBC FIG 1609.2):	5 PSF
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FLOOD ZONE INFORMATION

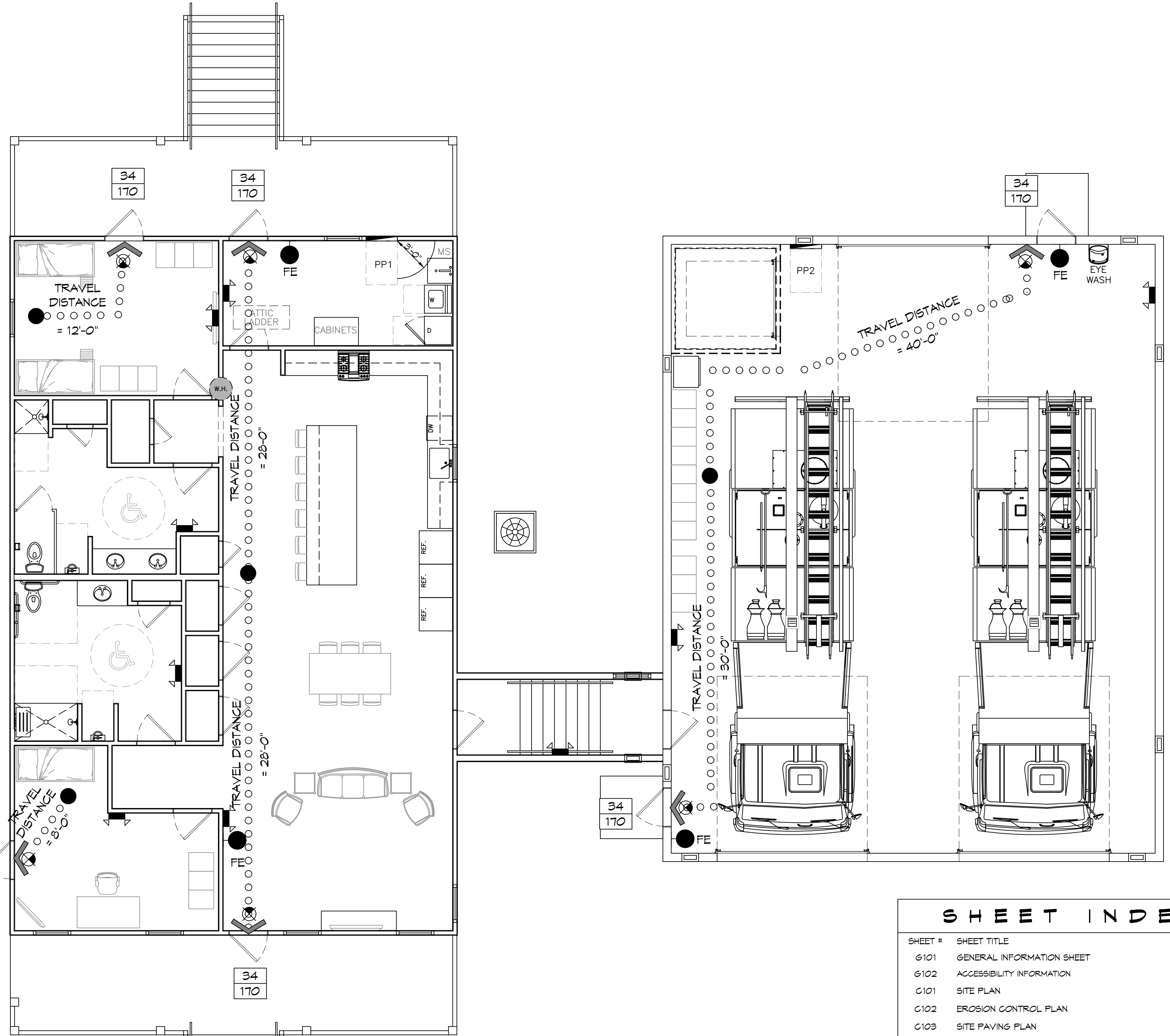
BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES. THIS PROPERTY IS IN FLOOD ZONE AE

FIRM, COMMUNITY NO. 225205 0440 D DATE: 04/21/1999

FLOOD ZONE:	AE	BASE FLOOD ELEVATION	13 FT
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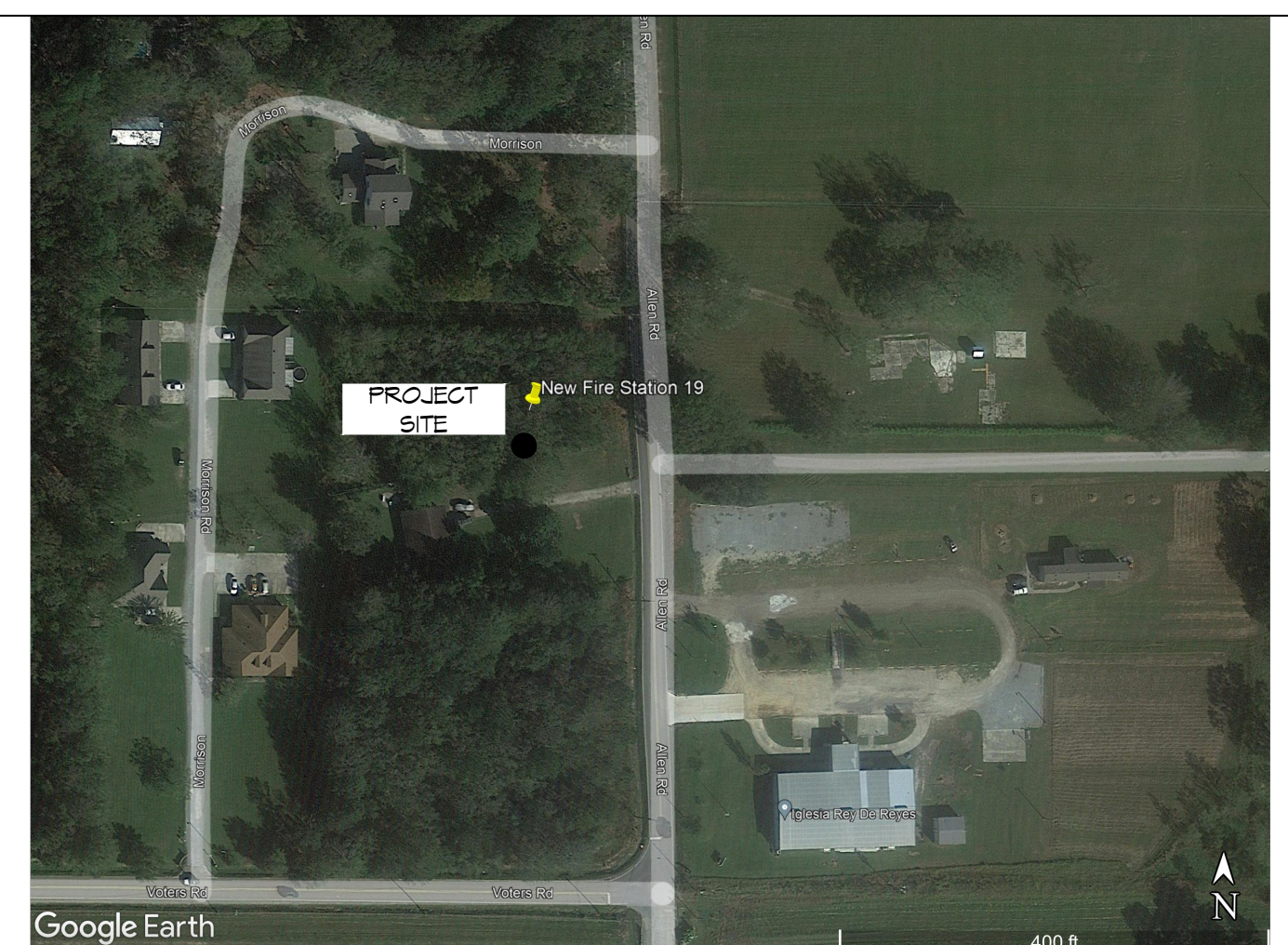
LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
➤	EXITS
(45)	DOOR FIRE RATINGS (MINUTES)
136 170	DOOR WIDTH/EGRESS CAPACITY
☒	EXIT LIGHT
● FE	FIRE EXTINGUISHER IV / WALL MTD BRACKET
-----	COMMON PATH OF TRAVEL
o-o-o-o-o-o-o-o	TRAVEL DISTANCE
●	DECISION POINT



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

VICINITY MAP



GENERAL NOTES

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

AS-BUILT
1-31-24

SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
C101	SITE PLAN
C102	EROSION CONTROL PLAN
C103	SITE PAVING PLAN
S101	LIVING QUARTERS FOUNDATION PLAN
S102	LIVING QUARTERS FRAMING PLAN
S103	CEILING JOIST FRAMING PLAN
S104	LIVING QUARTERS ROOF FRAMING PLAN
S105	ENGINE ROOM FOUNDATION PLAN
S106	ENGINE BAY SECTION
S107	ADA RAMP
S108	ADA STAIR PLAN
S109	TYPICAL CONNECTION DETAILS, SCHEDULES & NOTES
A101	FLOOR PLAN
A102	LIVING QUARTERS EXTERIOR ELEVATIONS
A103	ENGINE BAY EXTERIOR ELEVATIONS
A104	COMBINED STATION EXTERIOR ELEVATIONS
A105	FINISH FLOOR PLAN
A106	REFLECTED CEILING PLAN
I101	INTERIOR ELEVATIONS PLAN
I102	INTERIOR ELEVATIONS DETAILS
P101	PLUMBING PLAN
P102	PLUMBING DETAILS AND NOTES
M101	MECHANICAL PLAN
M102	MECHANICAL DETAILS & SCHEDULES
E101	POWER PLAN
E102	LIGHTING PLAN
E103	SPECIAL SYSTEMS
E104	PANEL SCHEDULE AND ONE LINE DIAGRAM

DRAWINGS BY OTHERS

20210632	SITE DRAINAGE PLAN (BY J.V. BURKES & ASSOCIATES)
L5-1	LANDSCAPING PLAN (BY ALPHONSE BARGIA III)

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

#	DESCRIPTION	DATE



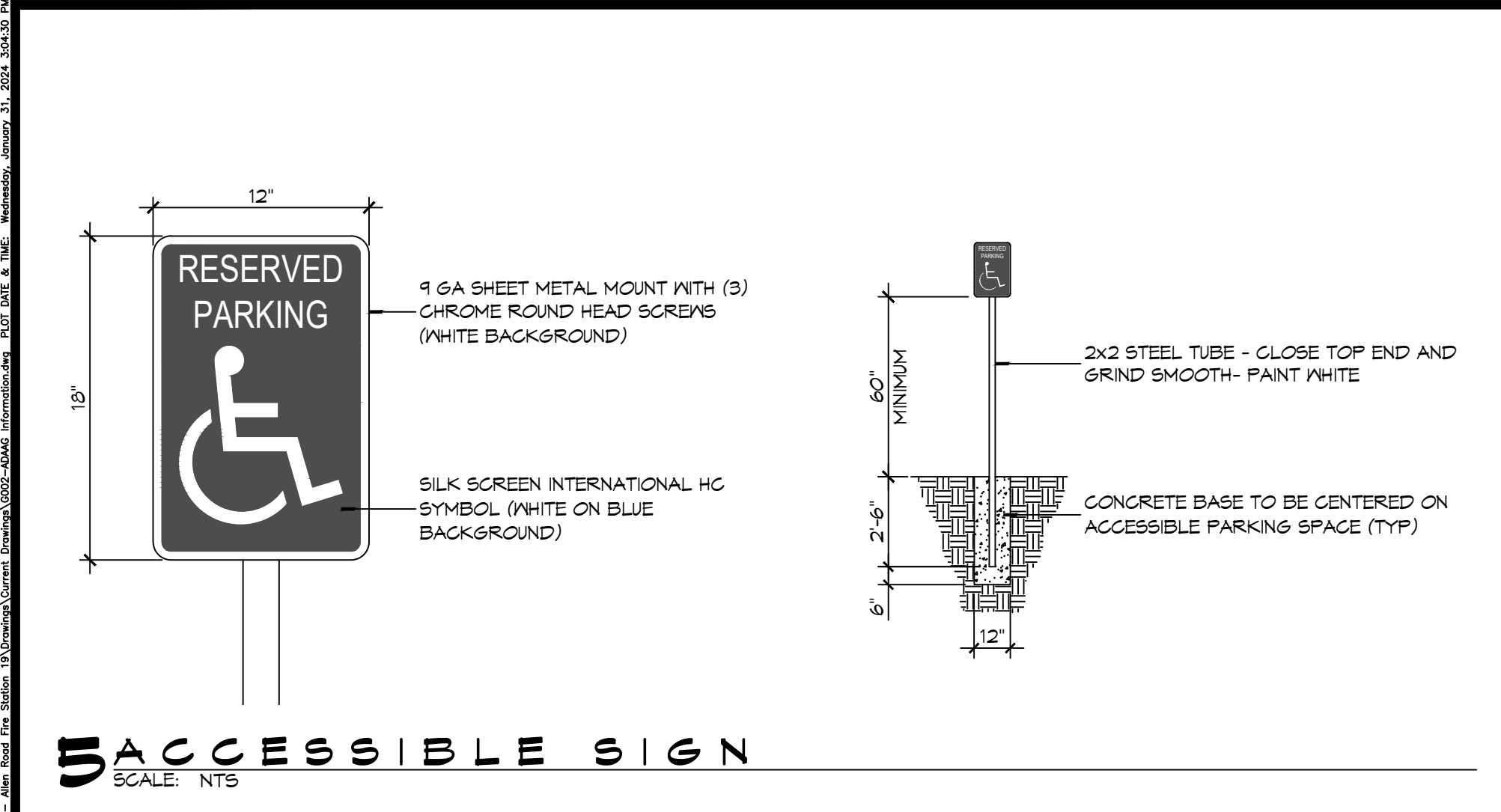
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
FIRE STATION 19

5704T ALLEN ROAD
SLIDELL, LOUISIANA 70461
JOB No.: 2456
DATE: 05-15-2022
DRAWN BY: CKD
CHECKED BY: JMS

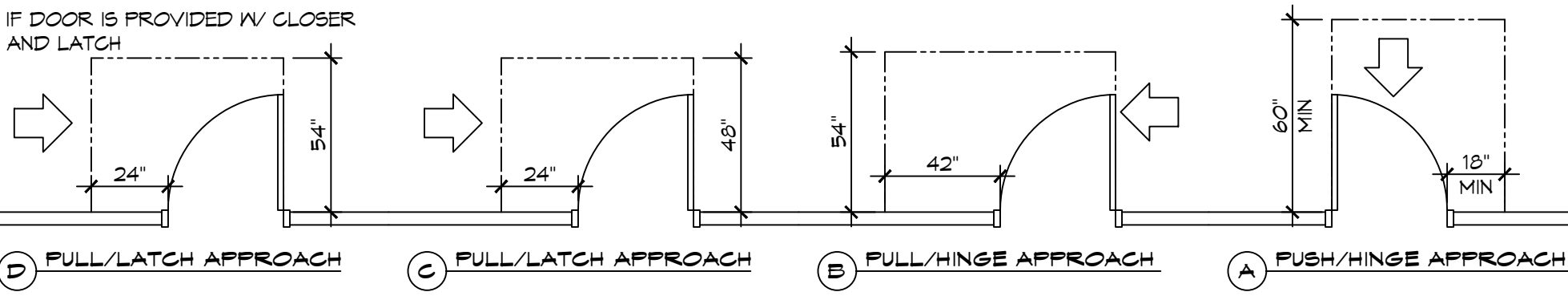
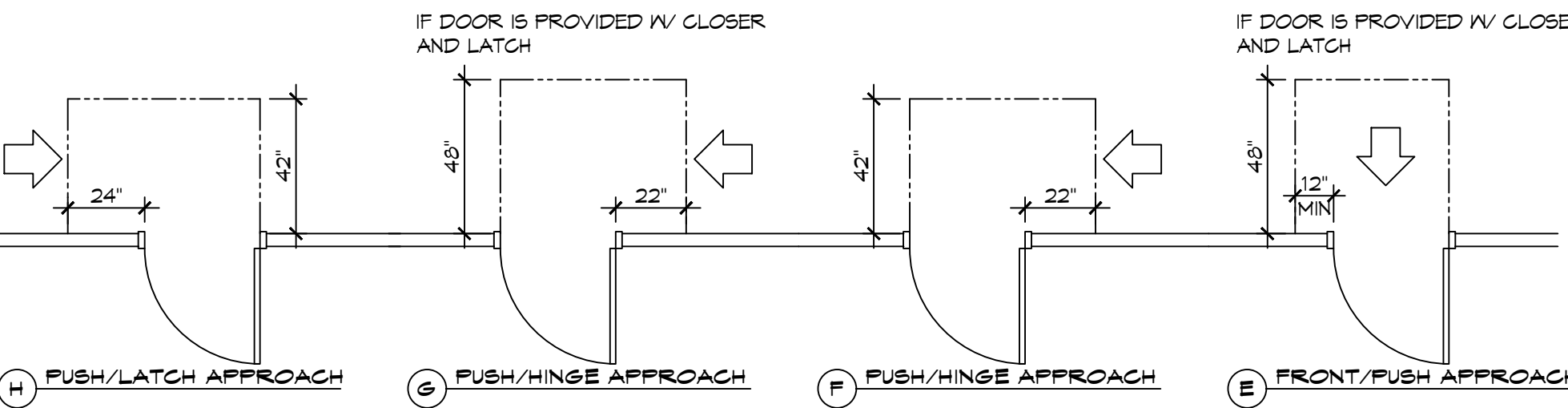
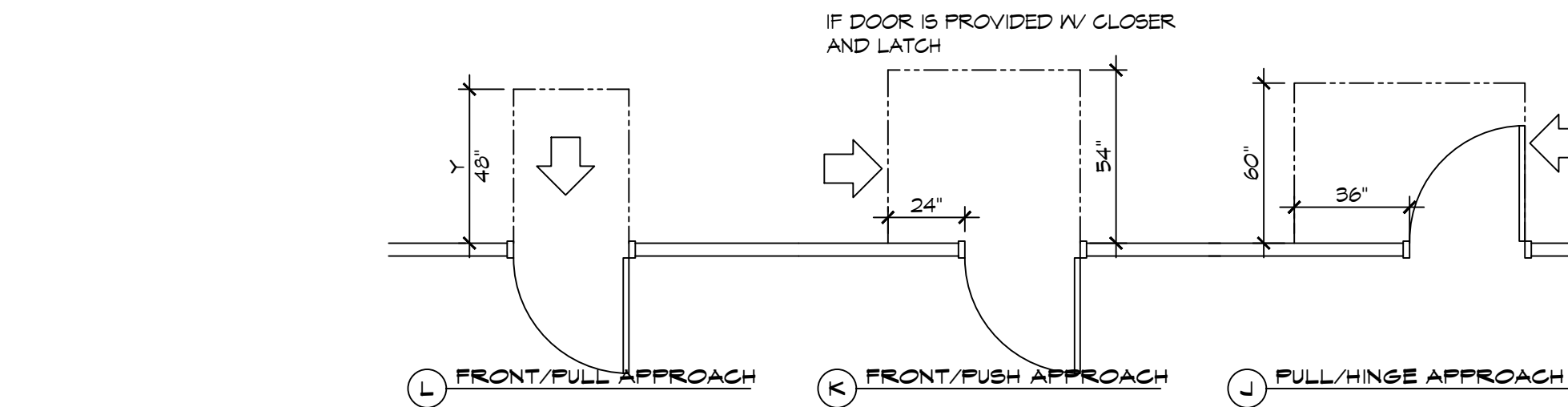
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GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

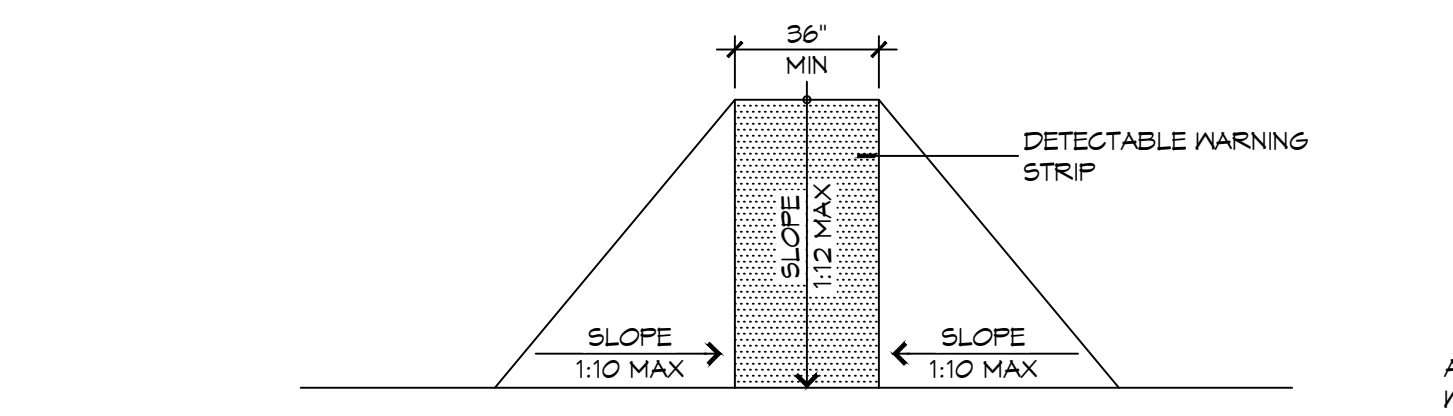
SHEET No: 1 of 32



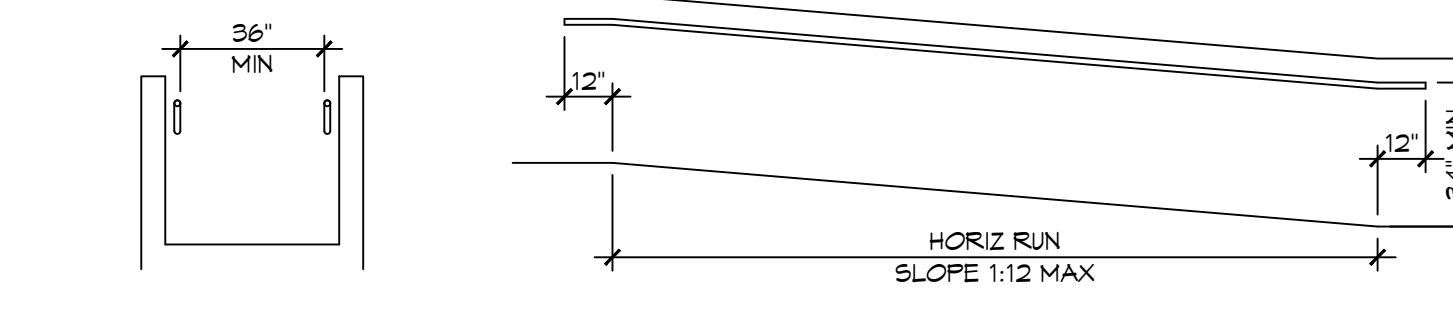
5 ACCESSIBLE SIGN
SCALE: NTS



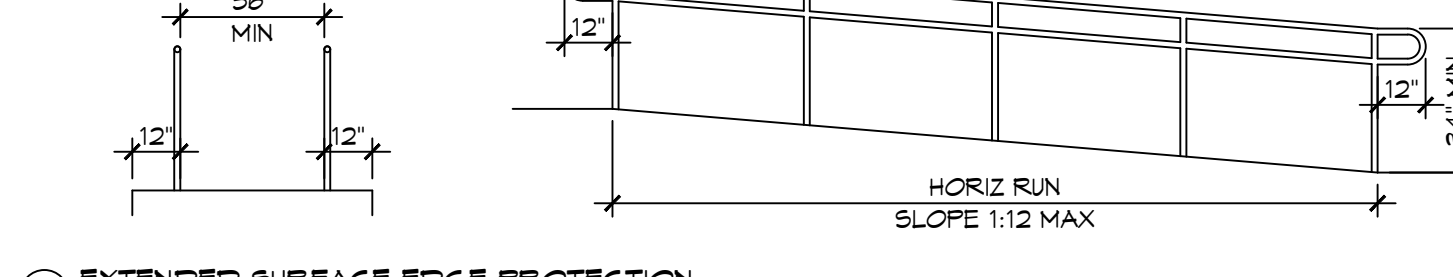
3 ADA DOOR CLEARANCES
SCALE: 1/4" = 1'-0"



F FLARED RAMPS

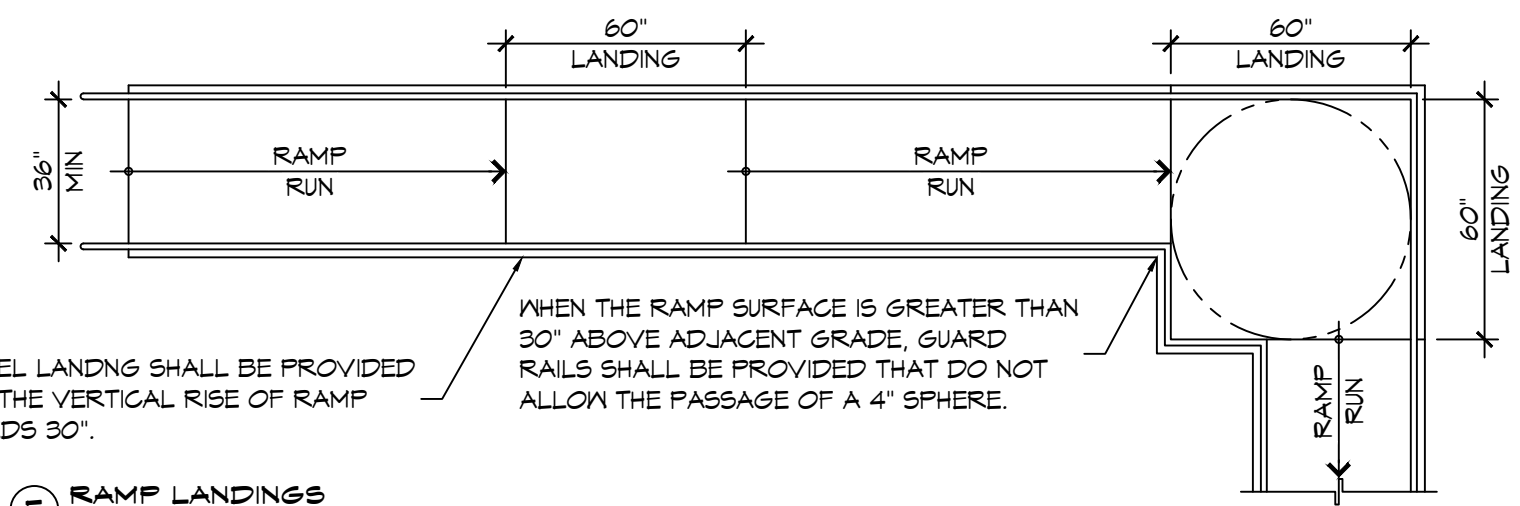


D WALL EDGE PROTECTION

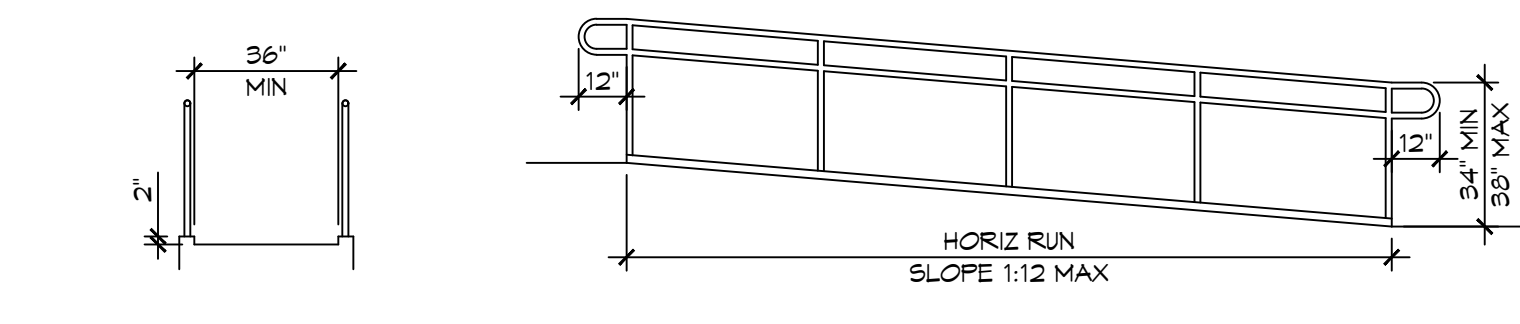


B EXTENDED SURFACE EDGE PROTECTION

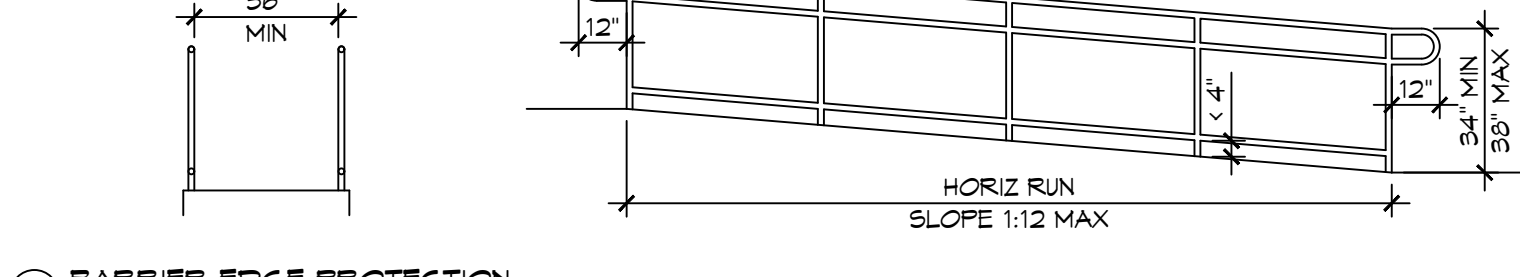
4 ACCESSIBLE RAMPS
SCALE: 1/4" = 1'-0"



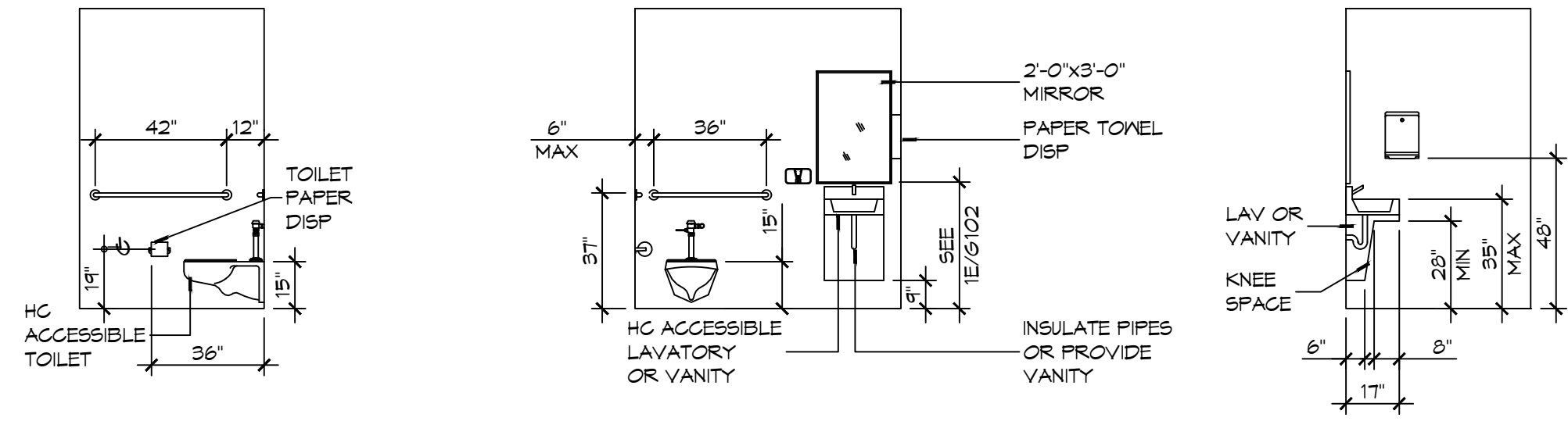
E RAMP LANDINGS



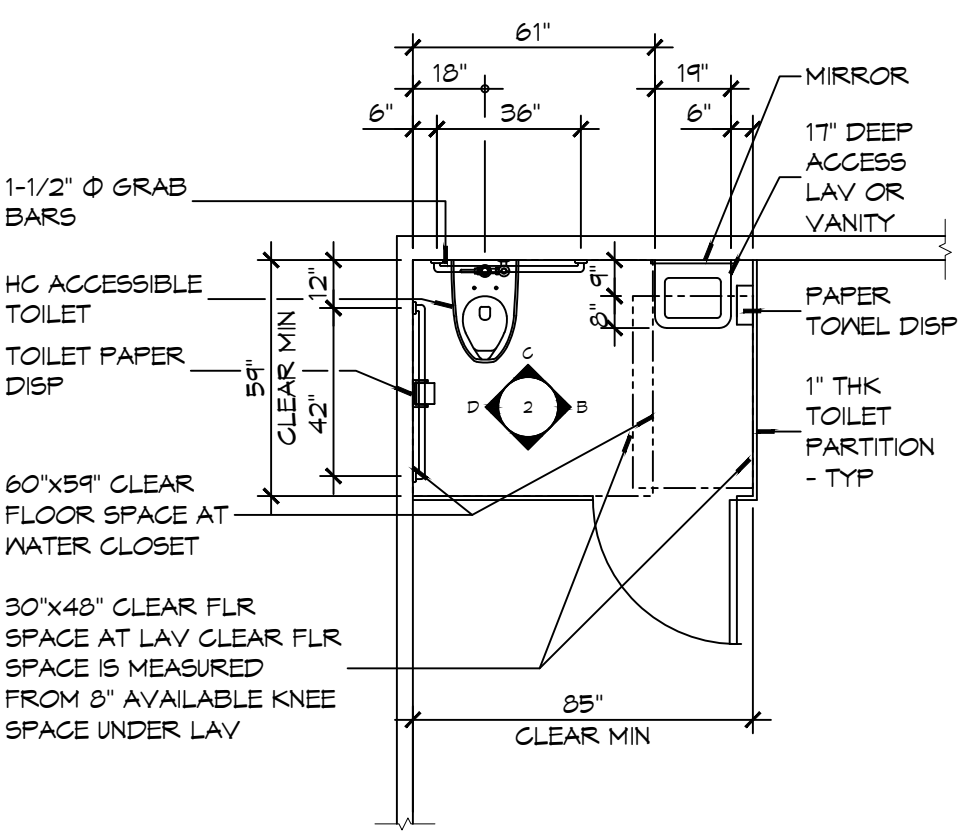
C CURB EDGE PROTECTION



A BARRIER EDGE PROTECTION



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



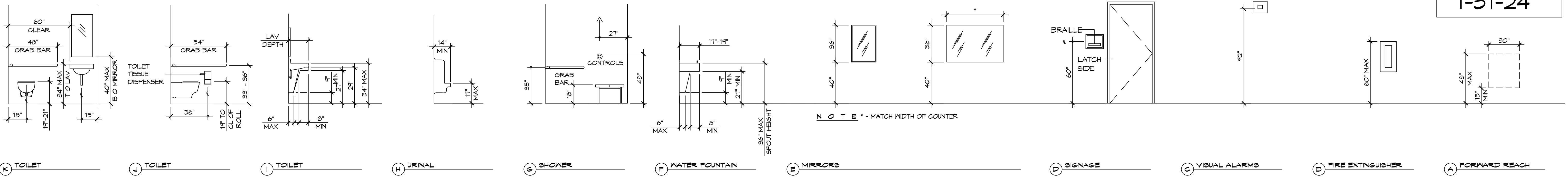
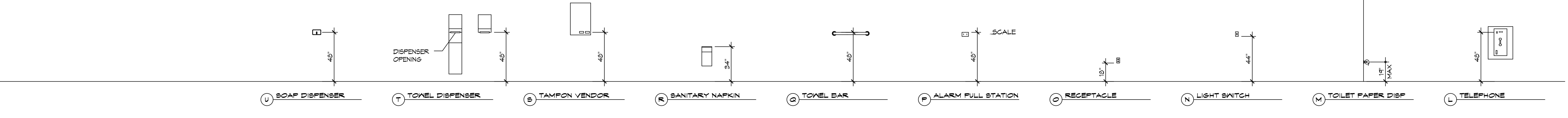
A FLOOR PLAN

ACCESSIBILITY NOTES

DOOR CLEARANCE NOTES
ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES, 31/6102 - 3K/6102.
DOOR HARDWARE SHALL BE LEVER TYPE.
MAX DOOR OPENING FORCE:
INTERIOR HINGED DOORS: 5 LBF
EXTERIOR HINGED DOORS: 8.5 LBF
SLIDING OR FOLDING DOORS: 5 LBF
FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.
THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.
RAMP NOTES
THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.
GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.
OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.
HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

GENERAL SITE ACCESSIBILITY NOTES

1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 303.7.
2. SEE SHEET 0003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 502.4 AND 502.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 103.1.2.1 AND 502.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 302.1.



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

AS-BUILT
1-31-24

DAMMON ENGINEERING, INC.
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PH: 985.649.5832

#	DESCRIPTION	DATE



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
9104 ALLEN ROAD
SLIDELL, LOUISIANA 70461
JOB No: 2456
DATE: 05-16-2022
DRAWN BY: CKD
CHECKED BY: JME

SHEET TITLE:
ACCESSIBILITY INFORMATION
DRAWING NUMBER:
G102
SHEET No: 2 of 30

FILE NAME: J:\Projects\2022\666 - Allen Road Fire Station\666 - Allen Road Fire Station.dwg
 PLOT DATE: 01/11/2022
 PLOT TIME: 10:52:32 AM
 PLOT BY: JMS

GENERAL STRIPING NOTES

- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM.
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE, THE 2010 EDITION OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
- SEE SPECIFICATIONS (321313 CONCRETE PAVING) FOR ALL MARKING COLORS, PAINT MATERIALS AND CURB STOPS.

PARKING STRIPING MINIMUM DIMENSIONS

- 90° PARKING STALL : 9'-0" WIDTH, 20'-0" LENGTH
- ADA VAN ACCESSIBLE : 9'-0" WIDTH, 20'-0"

TREE & STUMP REMOVAL NOTES:

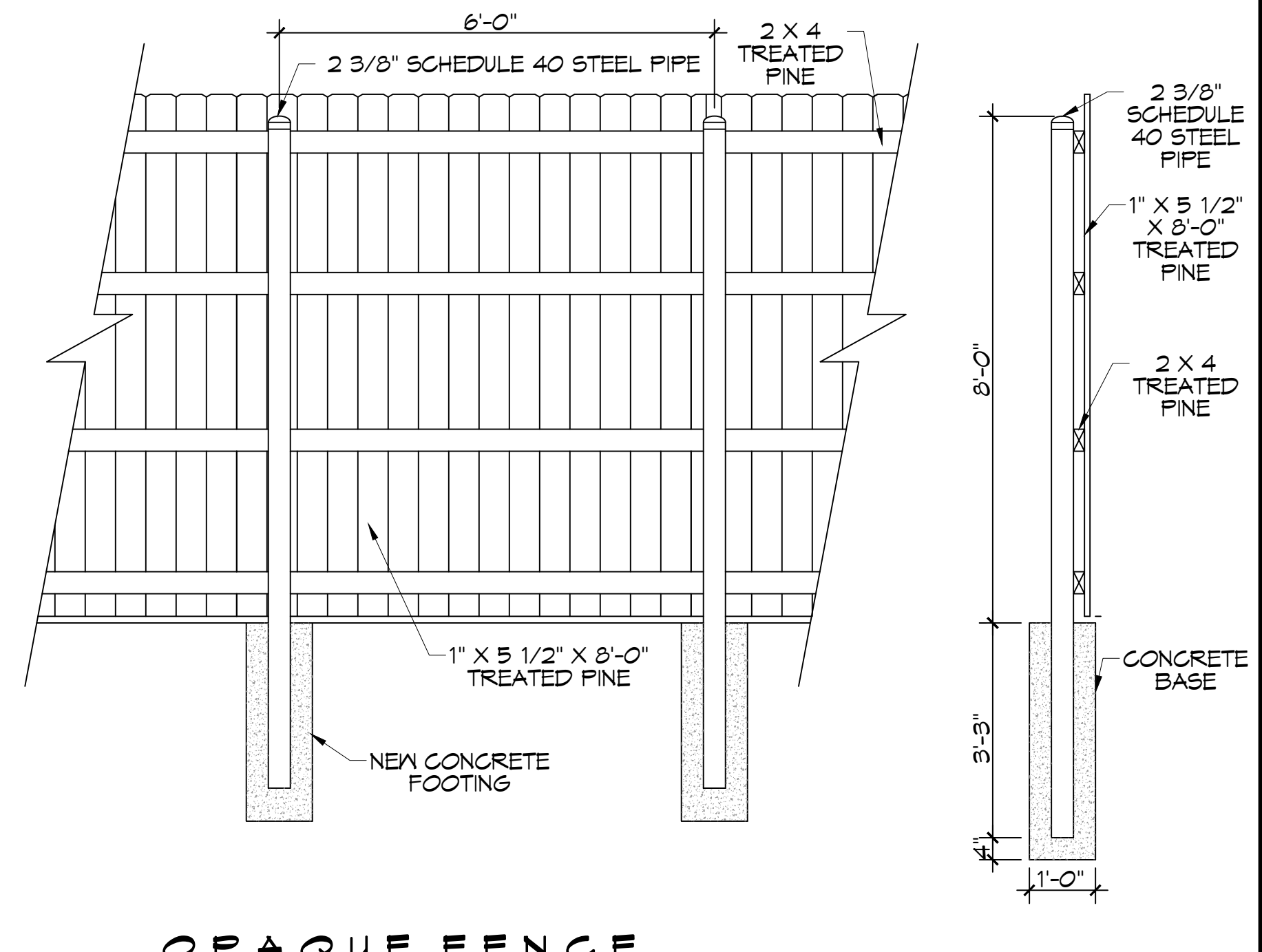
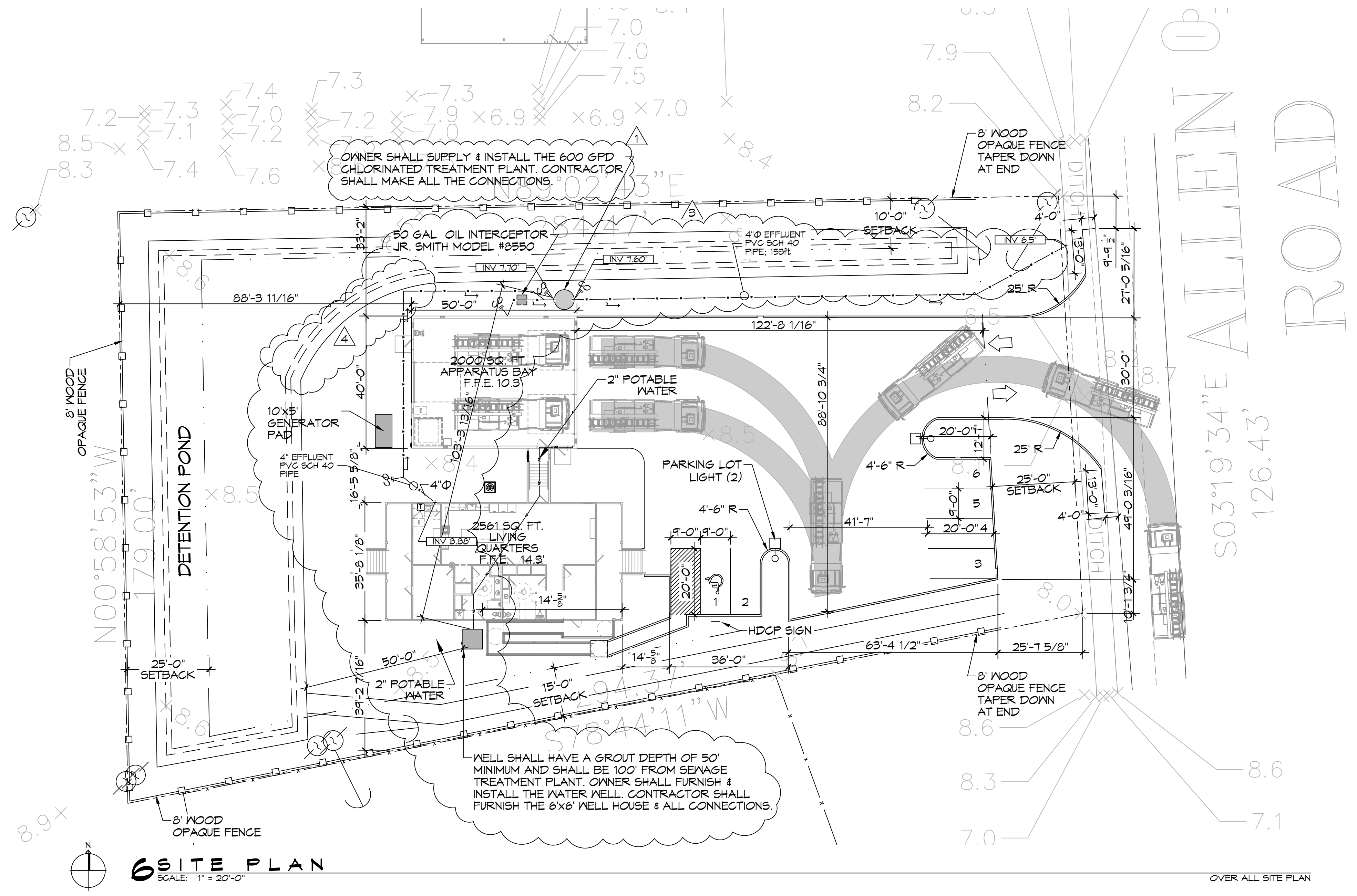
- GENERAL CONTRACTOR IS TO HIRE A LICENSED SUB-CONTRACTOR TO REMOVE ALL TREES ON THE PROPERTY EXCEPT THOSE THAT HAVE BEEN IDENTIFIED ON THE LANDSCAPE PLAN TO REMAIN. THIS SUB-CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, SUPPLIES, TOOLS, EQUIPMENT AND OTHER MEANS NECESSARY FOR PERFORMING AND COMPLETING THE WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT LOUISIANA ONE CALL TO ENSURE THERE ARE NO UTILITIES IN THE AREA(S) WHERE TREES ARE TO BE REMOVED.
- CONTRACTOR SHALL PROTECT ANY EXISTING FENCE, SIDEWALK, CURB, STREETS, MANHOLE COVERS AND CATCH BASINS NOT SHOWN ON THESE PLANS FOR REMOVAL.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL DEBRIS FROM TREE REMOVAL OPERATIONS WITHIN TWENTY-FOUR (24) HOURS AFTER DEBRIS HAS BEEN PLACED. NO CITY OR PARISH PROPERTY WILL BE DESIGNATED AS LOG STORAGE AREAS. ADDITIONALLY, NO DEBRIS OR LOGS SHALL BE GIVEN TO RESIDENTS. UNDER NO CIRCUMSTANCE SHALL DEBRIS BE LEFT ON THE SIDE OF THE STREET OVER WEEKENDS OR HOLIDAYS.
- CONTRACTOR SHALL REMOVE ALL TREE STUMPS AND BUTTRISS ROOTS TO A POINT THIRTY SIX (36") INCHES BELOW ADJACENT GROUND LEVEL. THE CONTRACTOR SHALL REMOVE ALL SURFACE AND ADJACENT SUBSURFACE ROOTS AS MAY BE NECESSARY TO ELIMINATE "HUMPS" OR MOUNDS IN THE AREA.
- CONTRACTOR SHALL CLEANUP JOB SITE AND REMOVE ALL ASSOCIATED DEBRIS USED IN GRINDING (REMOVAL) OF TREE STUMPS WITHIN TWENTY-FOUR (24) HOURS OF COMPLETION OF GRINDING.
- THE GENERAL CONTRACTOR SHALL BACKFILL THESE HOLES.
- CONTRACTOR SHALL WARRANTY WORK AGAINST SUCKER GROWTH FOR A PERIOD OF ONE (1) YEAR.

PARKING	PROVIDED SPACES: 5 INCLUDING 1 HDOP = 6
PLANING	LOT ZONED: 29 AND 30 FF-1 PUBLIC FACILITY
FLOOD ZONE	ZONE "A10"
FINISHED FLOOR ELEVATIONS	APPARATUS BAY F.F.E. = 10.3 BASE FLOOD ELEVATION FOR LIVING QUARTERS = 13.0' FINISHED FLOOR ELEVATION FOR LIVING QUARTERS = 14.3'
POTABLE WATER WELL	MINIMUM SUPPLY 5 GPM. 50' GROUTING DEPTH
ONSITE WASTEWATER DISPOSAL	600 GAL PER DAY CHLORINATED TREATMENT PLANT - SEE SPECS.
SITE DRAINAGE	DRAINAGE STUDY AND DESIGN BY J.V. BURKES.
LANDSCAPING	LANDSCAPING DESIGN BY AL BARGIA.

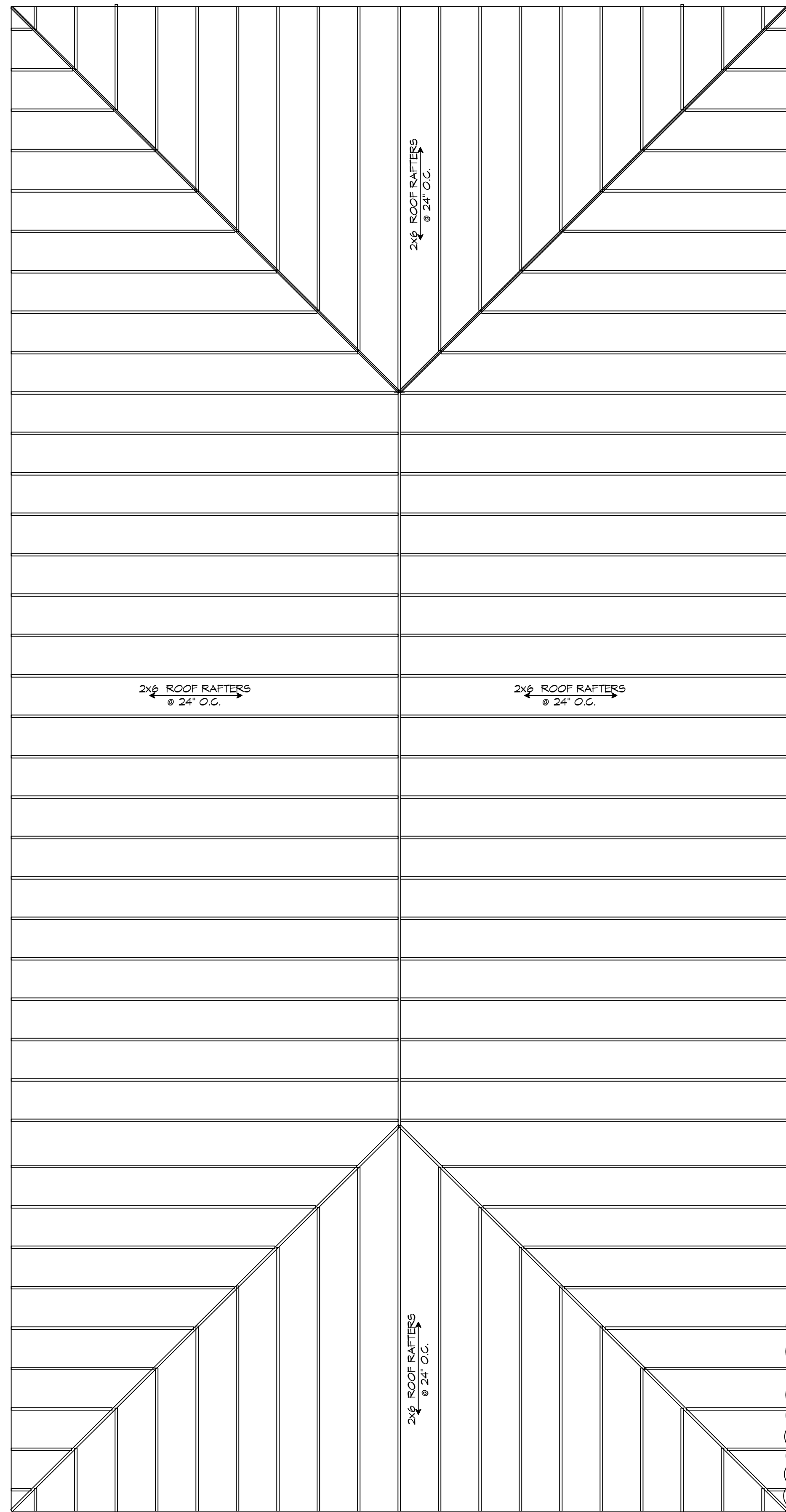
REVISIONS	
#	DESCRIPTION
1	OWNER SHALL FURNISH WELL AND TREATMENT PLANT
2	Added Parking Lot Striping Notes
3	RELOCATED WELL AND TREATMENT PLANT
4	RELOCATED PONDS EDGE
DATE	07-29-22
DATE	07/20/22
DATE	09-07-22
DATE	11-15-22



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1-31-24

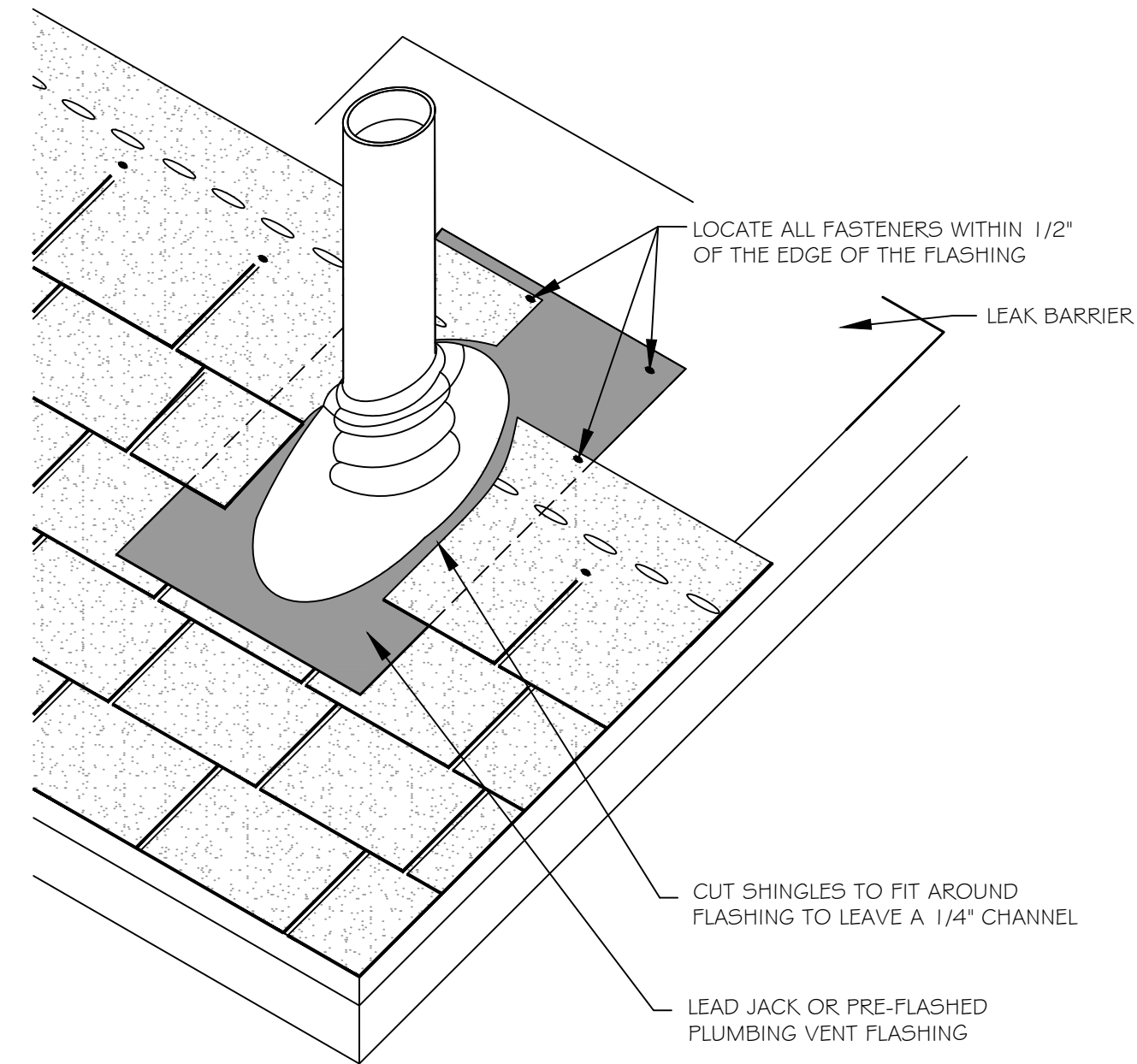


ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
FIRE STATION 19
57047 ALLEN ROAD SLIDELL, LOUISIANA 70461
JOB No: 2456 DATE: 05-16-2022
DRAWN BY: JMS CHECKED BY: JMS
SHEET TITLE: SITE PLAN
DRAWING NUMBER: C101
SHEET No: 3 of 30

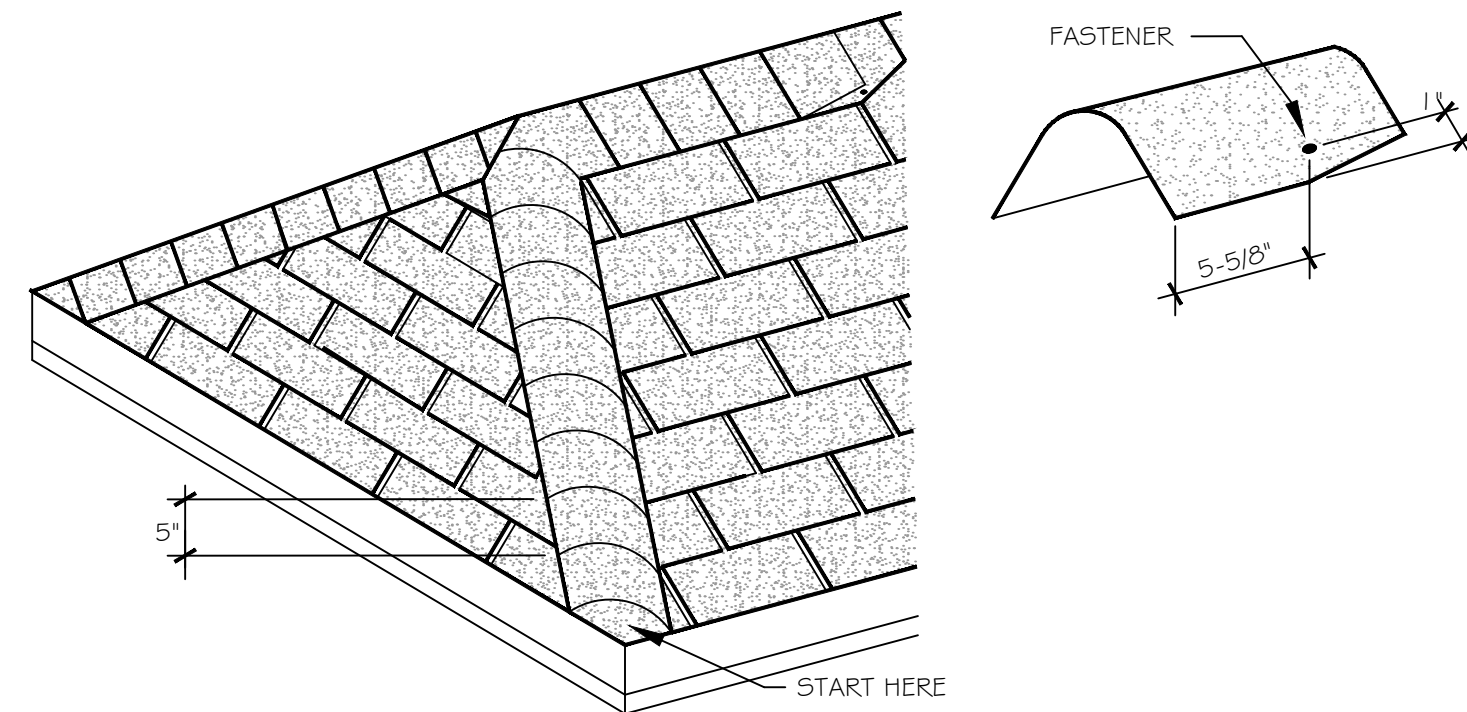


18 ROOF FRAMING
SCALE: 1/4" = 1'-0"

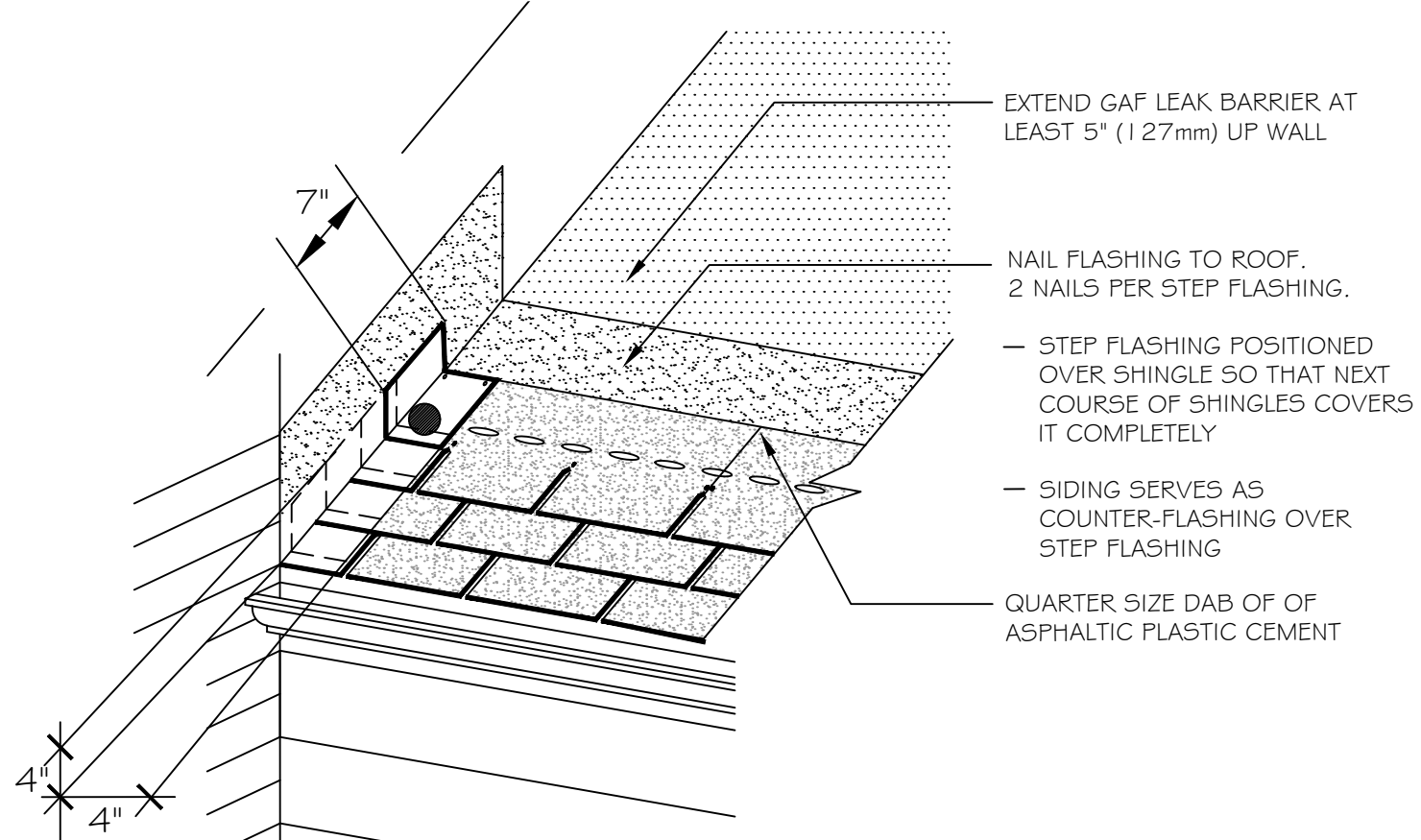
LIVING QUARTERS



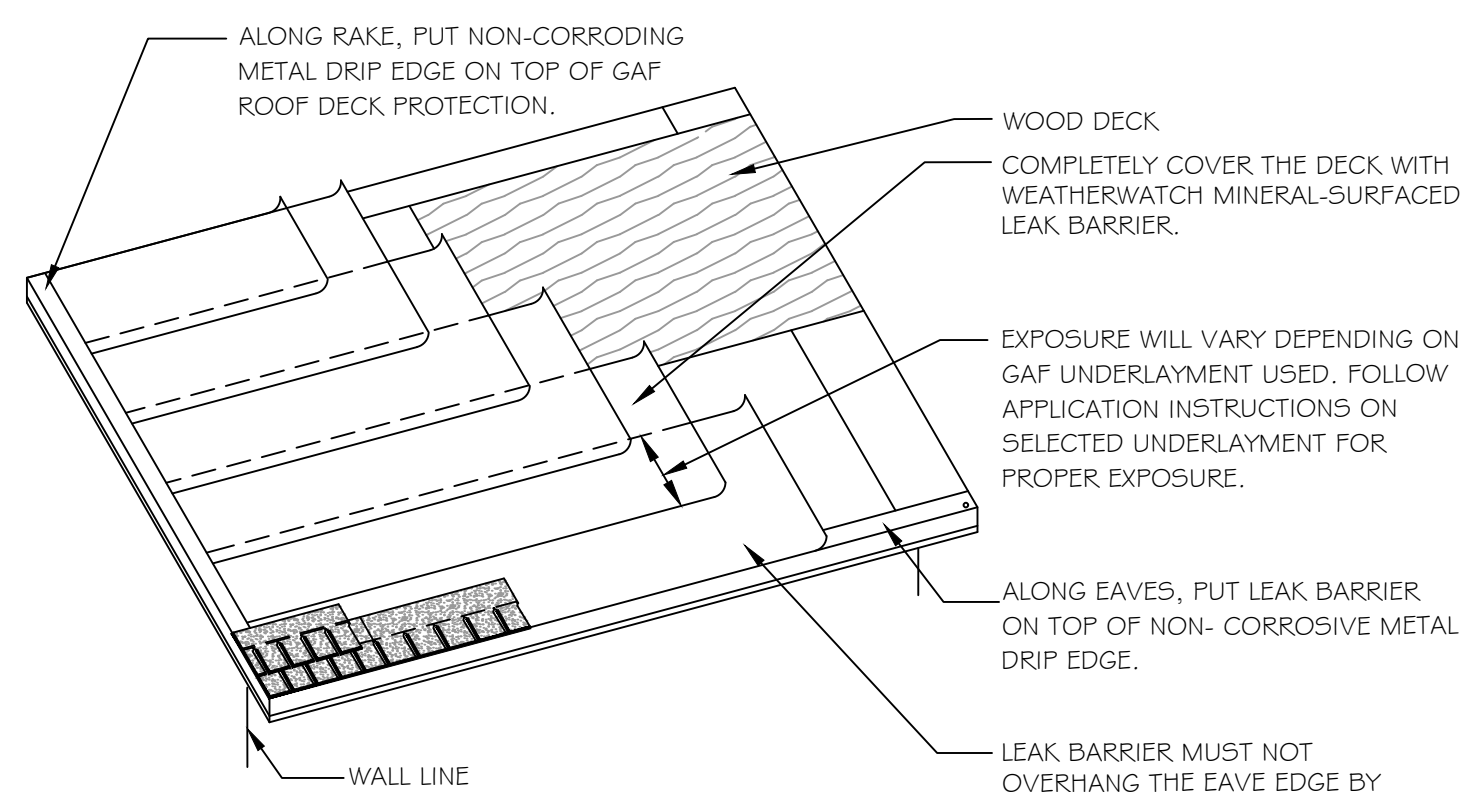
ROOF DETAIL - ROOF VENT DETAIL
SCALE: N.T.S.



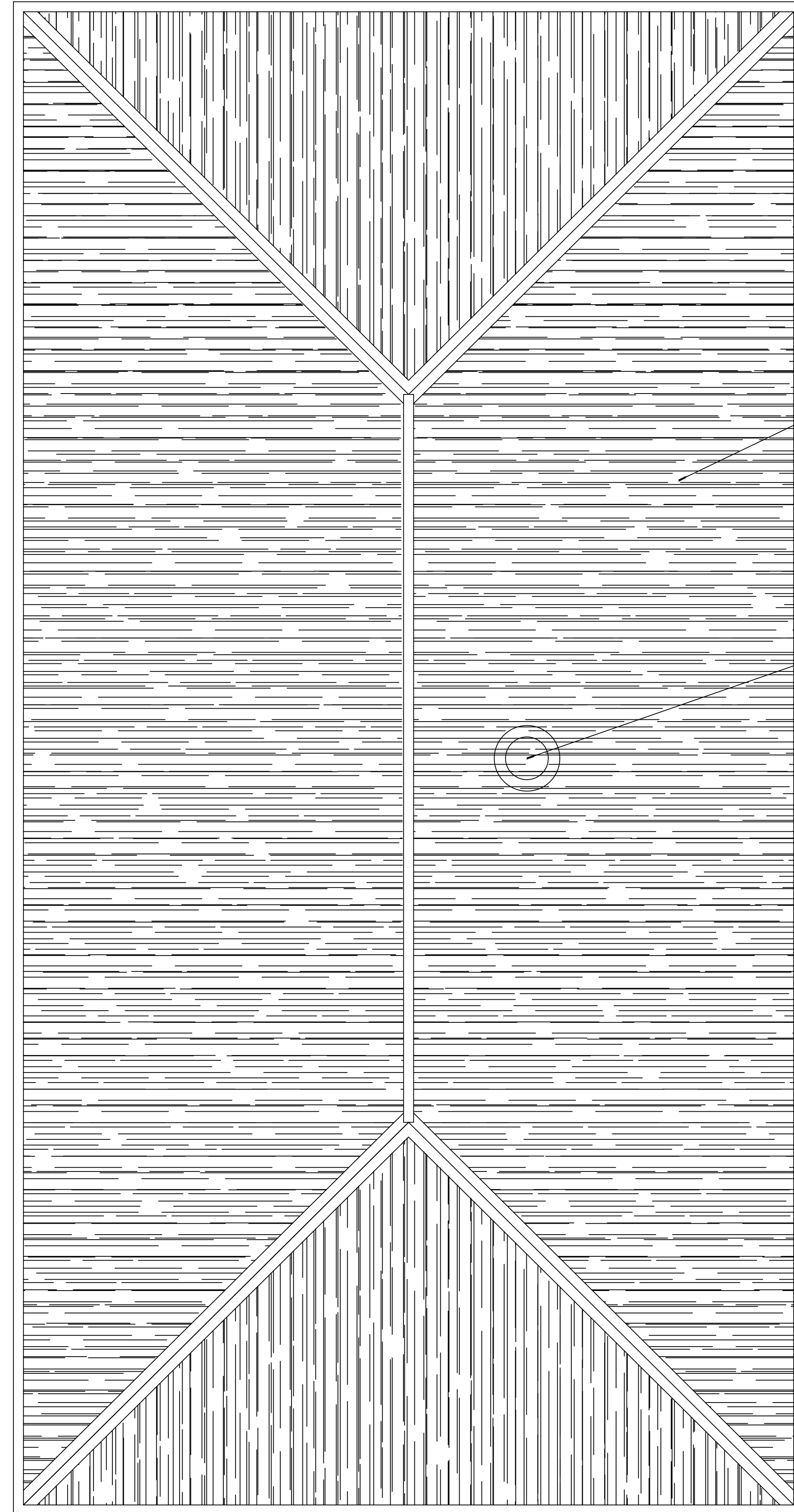
ROOF DETAIL - HIP/RIDGE DETAIL
SCALE: N.T.S.



ROOF DETAIL - STEP FLASHING DETAIL
SCALE: N.T.S.



ROOF DETAIL - UNDERLAYMENT DETAIL
SCALE: N.T.S.



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

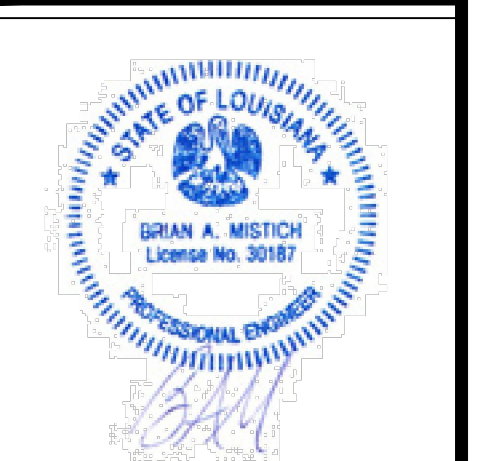
LIVING QUARTERS

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

www.dammonengineering.com
info@dammon.com
PH: 985.449.5832

Chief Engineer: Brian Mistich, PE
564 Old Springs Trail
Stibail, LA 70468

REVISIONS	DATE
1 Added Roof Details	8/1/2022



ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
FIRE STATION 19

87047 ALLEN ROAD
SUDBELL, LOUISIANA 70461

JOB No: 2456 DATE: 08-16-2022
DRAWN BY: CACD CHECKED BY: BAK

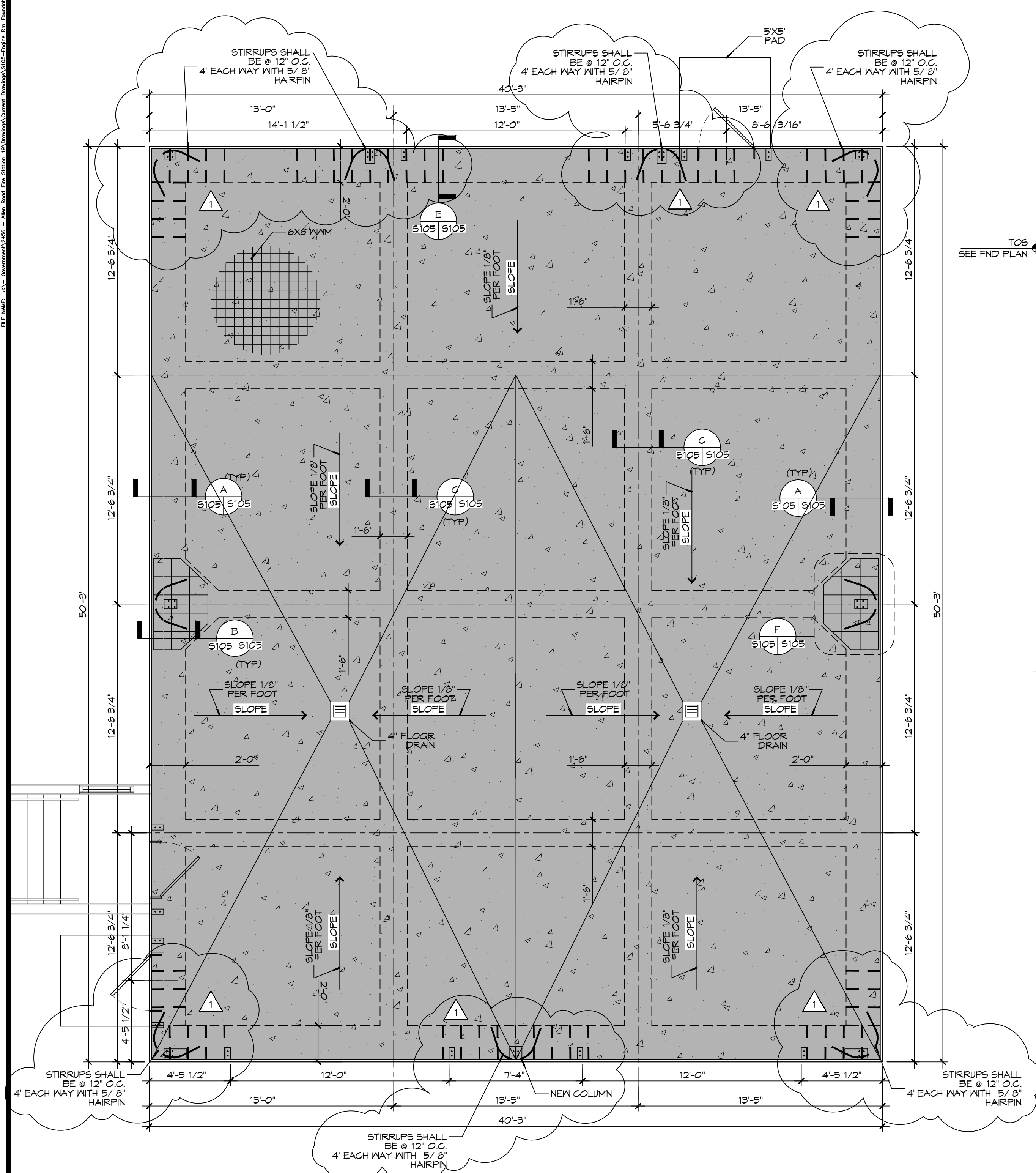
SHEET TITLE:
LIVING QUARTERS ROOF FRAMING PLAN

DRAWING NUMBER:
S104

AS-BUILT
1-31-24

SHEET No: 9 of 30

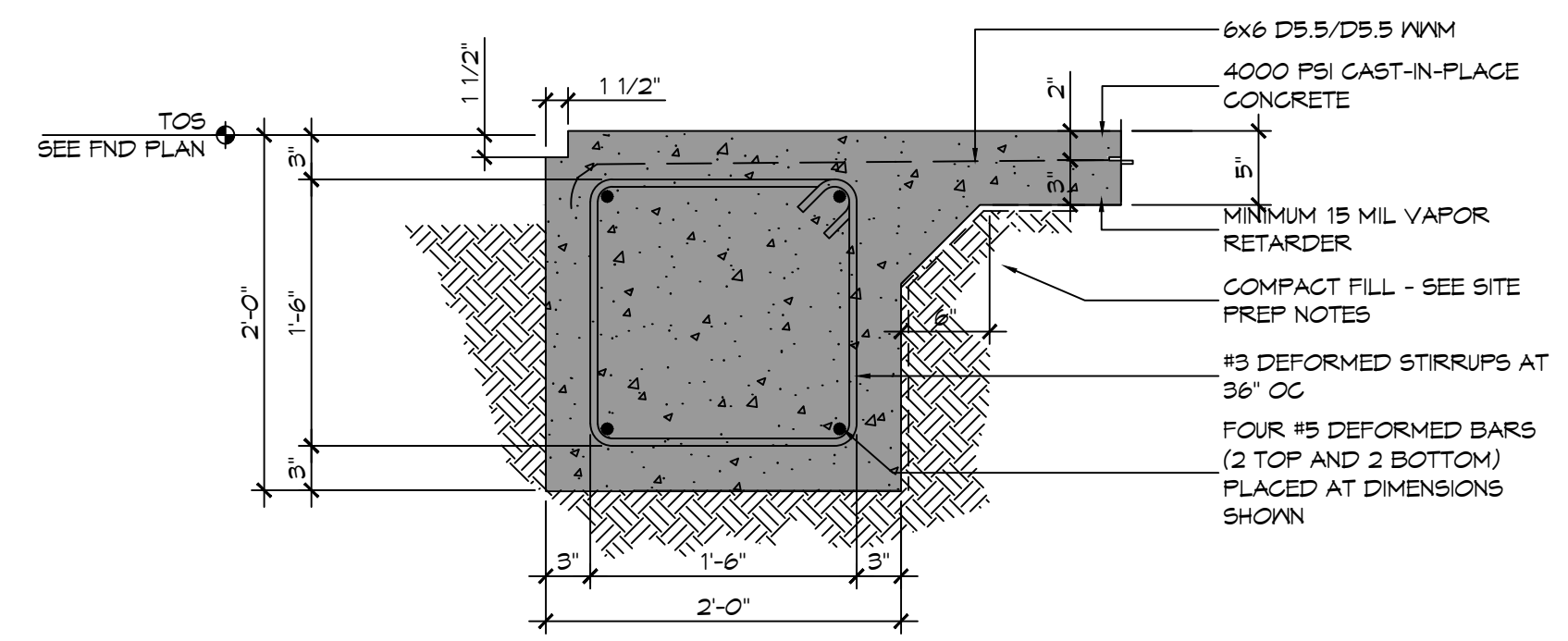
20 ENGINE BAY FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"
 ENGINE BAY



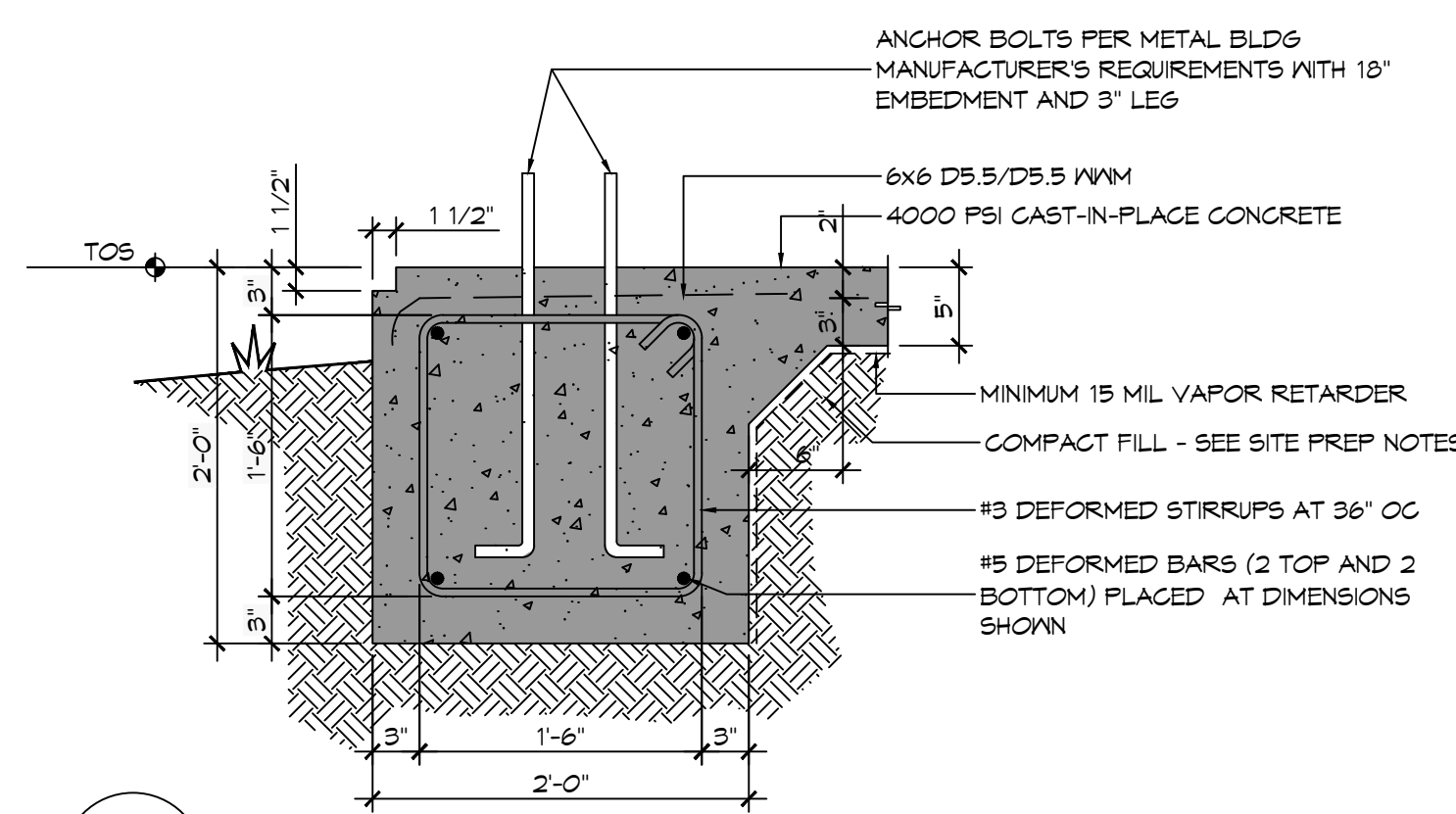
20 ENGINE BAY FOUNDATION PLAN
SCALE: 1/4" = 1'-0" ENGINE BAY

GENERAL FOUNDATION NOTES

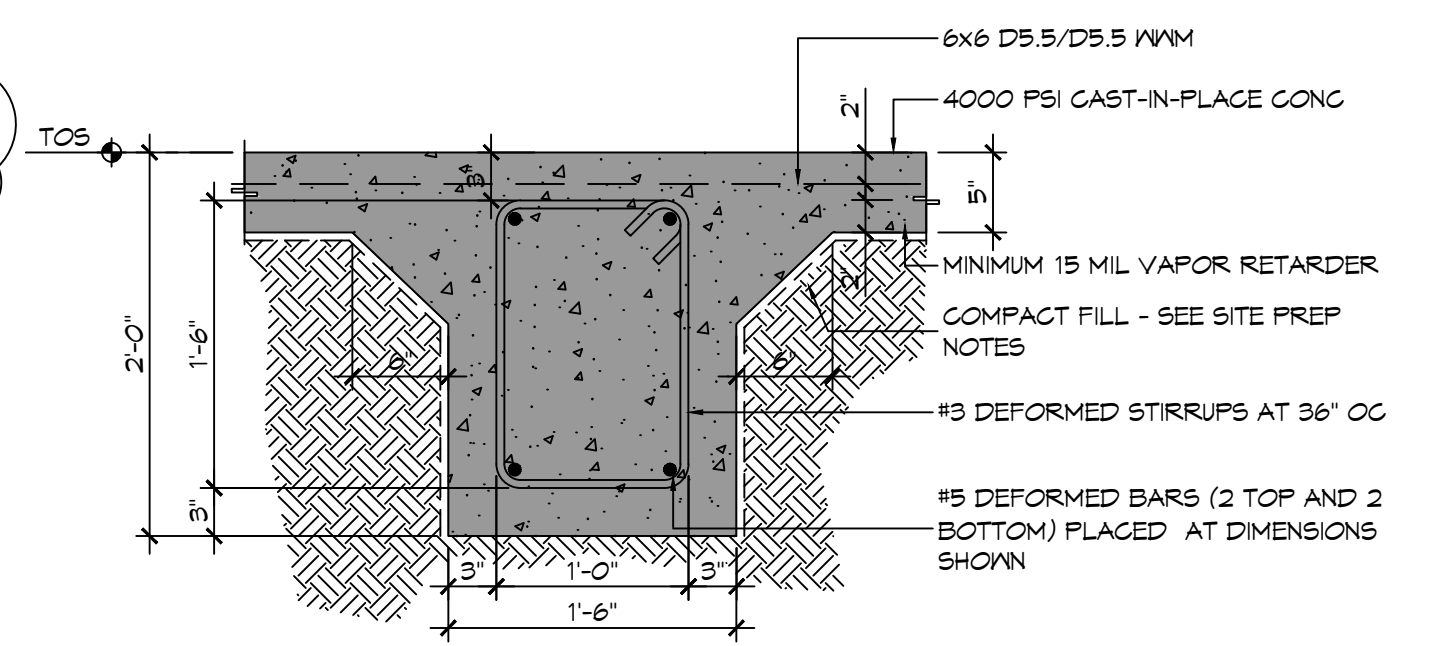
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS AND DOUBLE UP ON FLOOR JOIST IN THOSE AREAS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 10 MIL THICKNESS; ASTM E 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, ECOSHIELD-E 15 MIL BY EPRO, OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. FILL AND MUCK OUT 24" MINIMUM. SEE THE GEOTECHNICAL ENGINEERING REPORT BY STRATUM ENGINEERING DATED APRIL 21, 2022.
10. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.



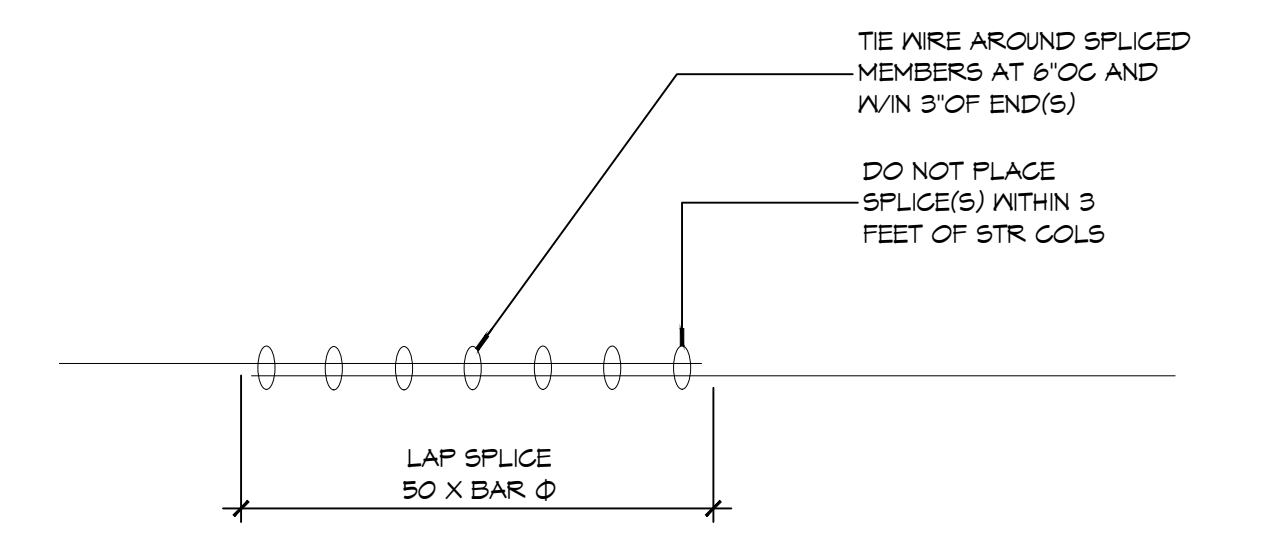
A SECTION
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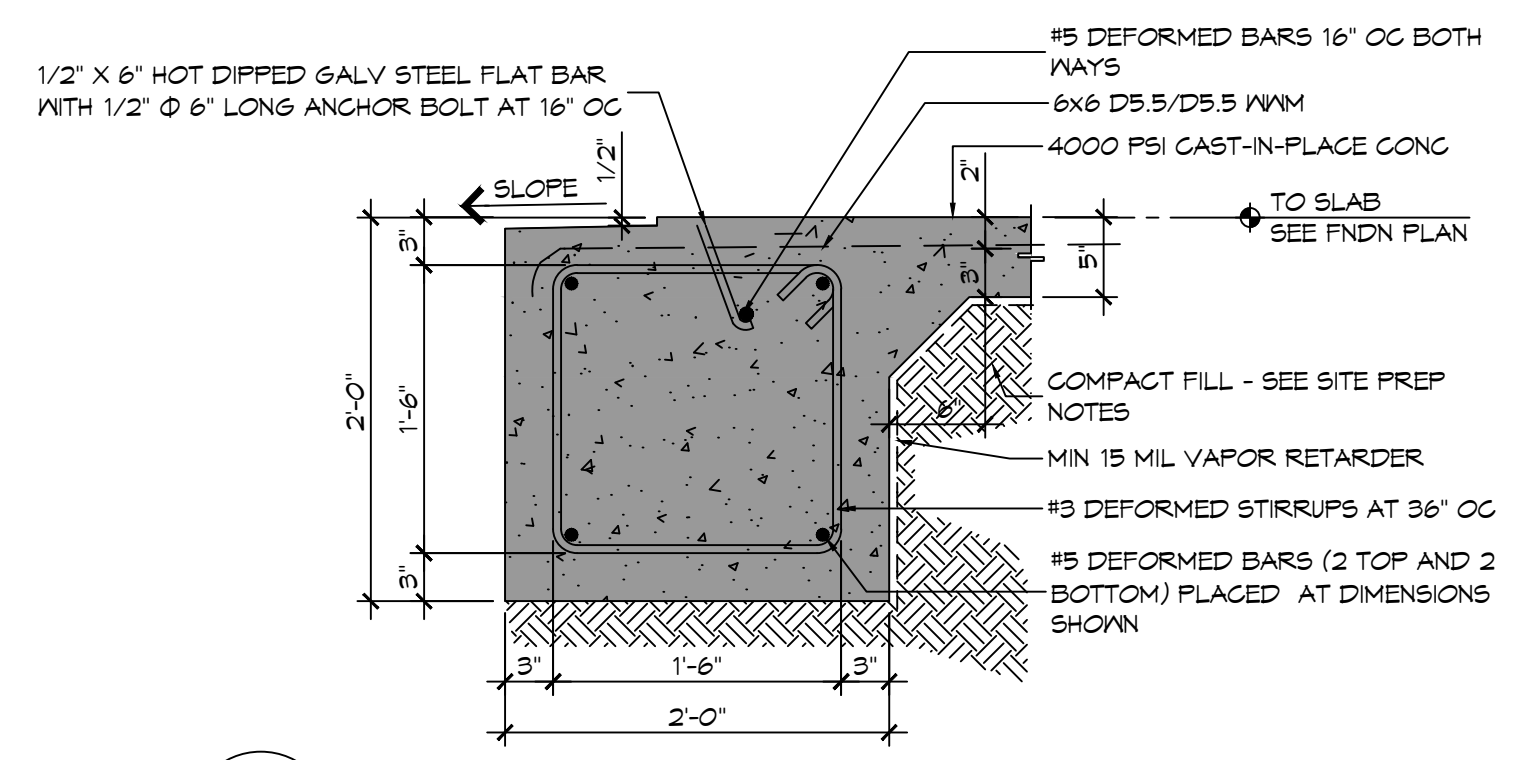
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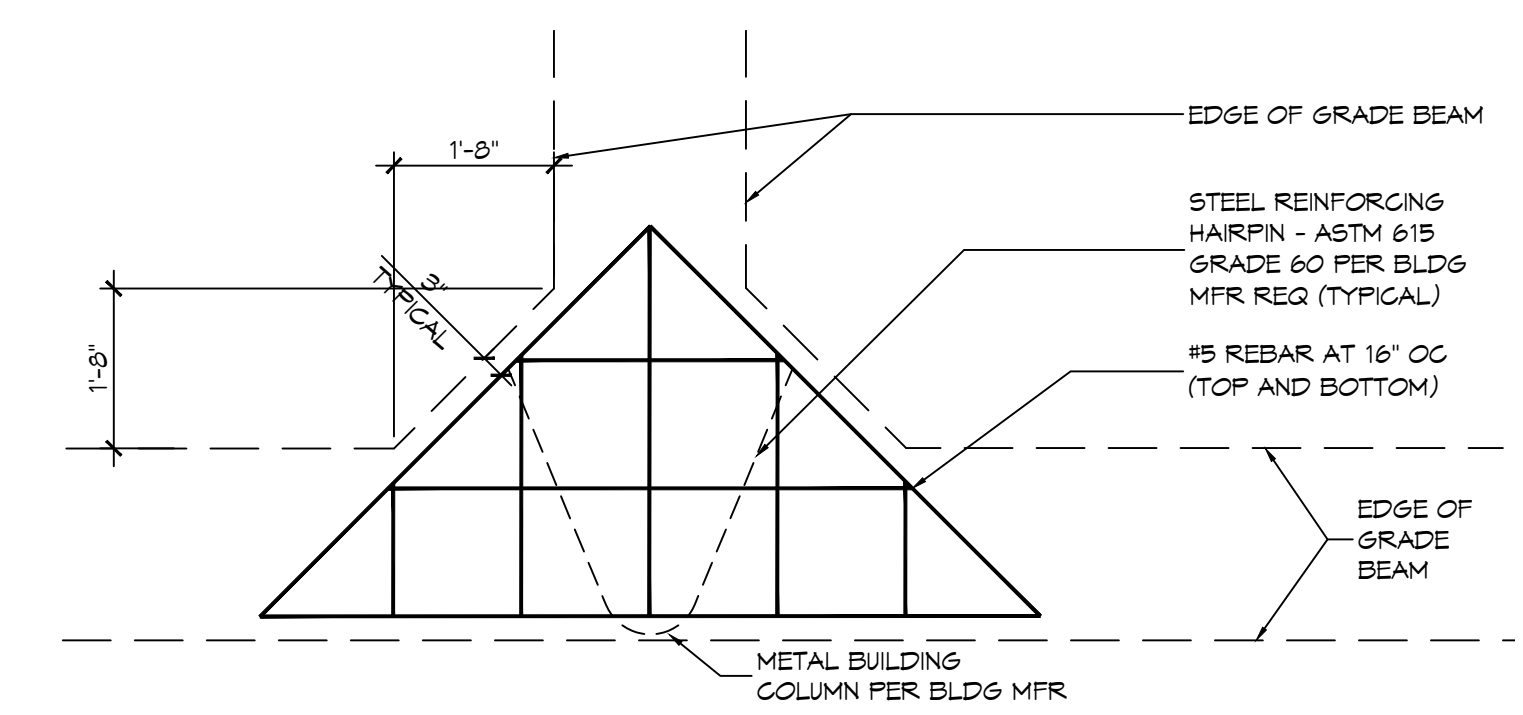
C SECTION
SCALE: 1" = 1'-0"



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



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



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

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NO.	DESCRIPTION	DATE
1	STIRRUPS @ 12" O.C. AND HAIR PN.	09-20-23

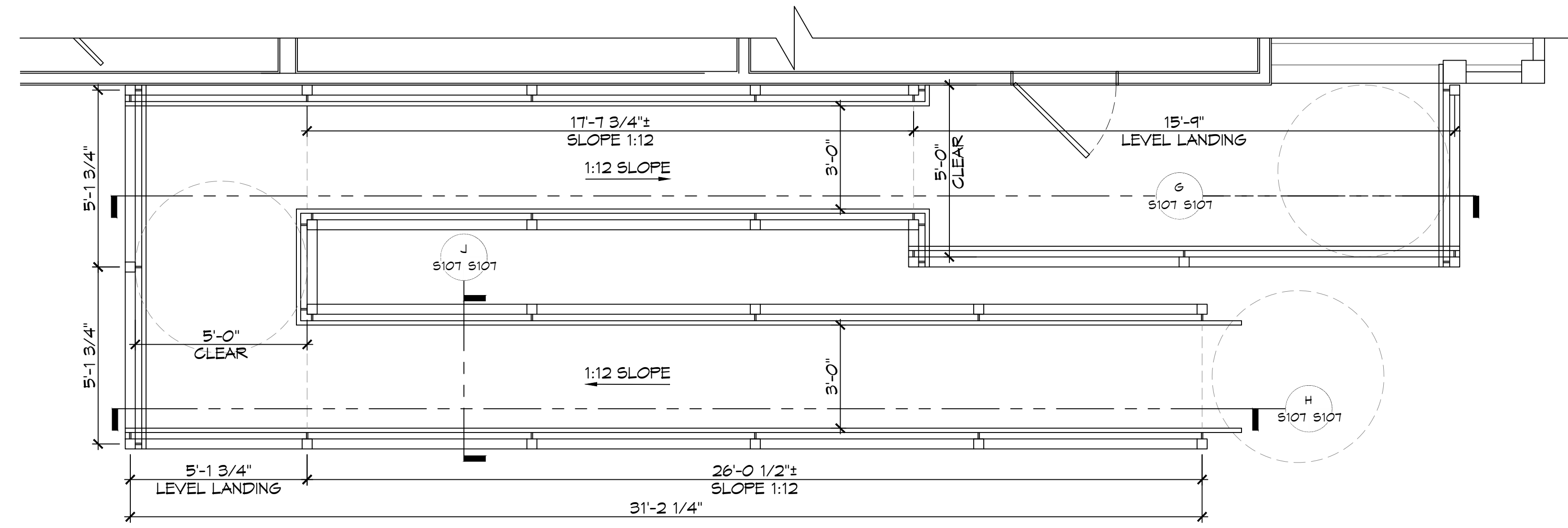


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
87047 ALLEN ROAD
SULLY, LOUISIANA 70461
JOB No: 2456 DATE: 09-16-2022
DRAWN BY: BAY CHECKED BY: CKD

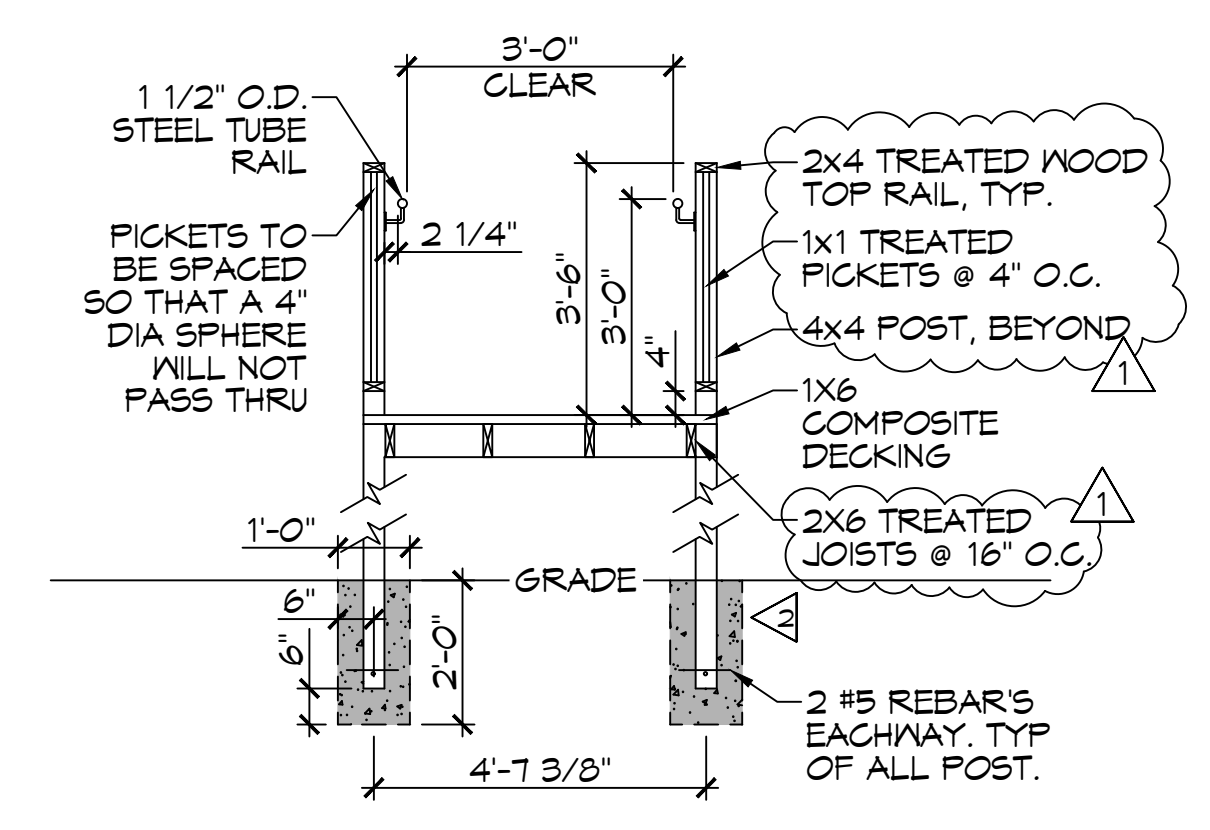
SHEET TITLE:
ENGINE BAY FOUNDATION PLAN
DRAWING NUMBER:
S105
SHEET No: 10 of 30

AS-BUILT
1-31-24

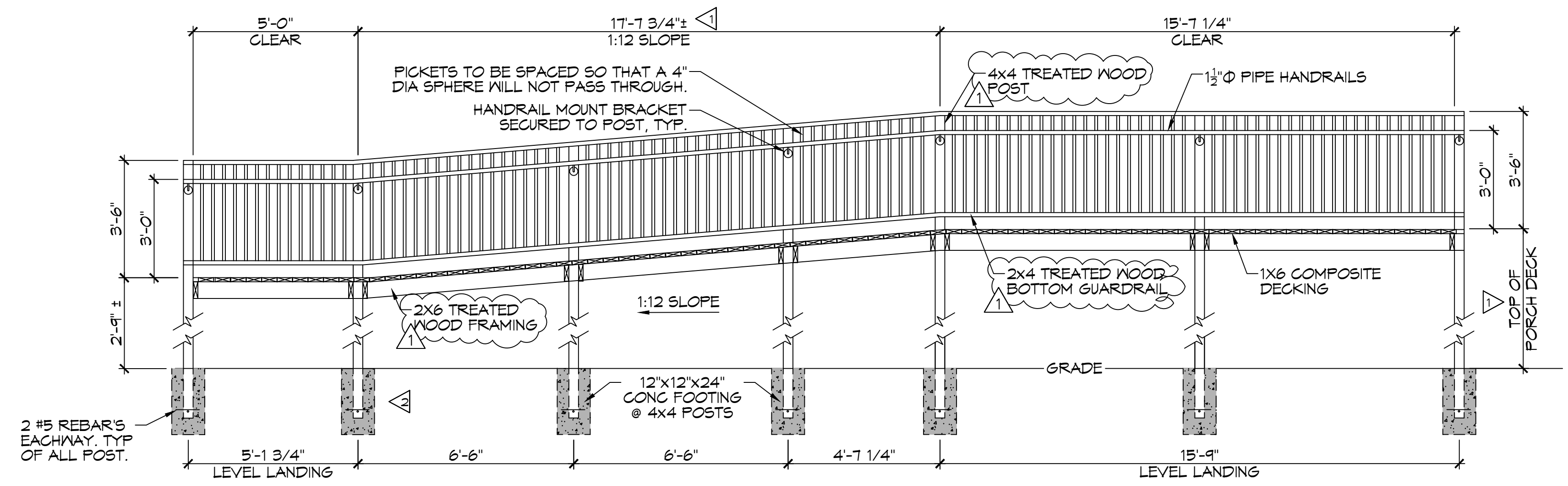
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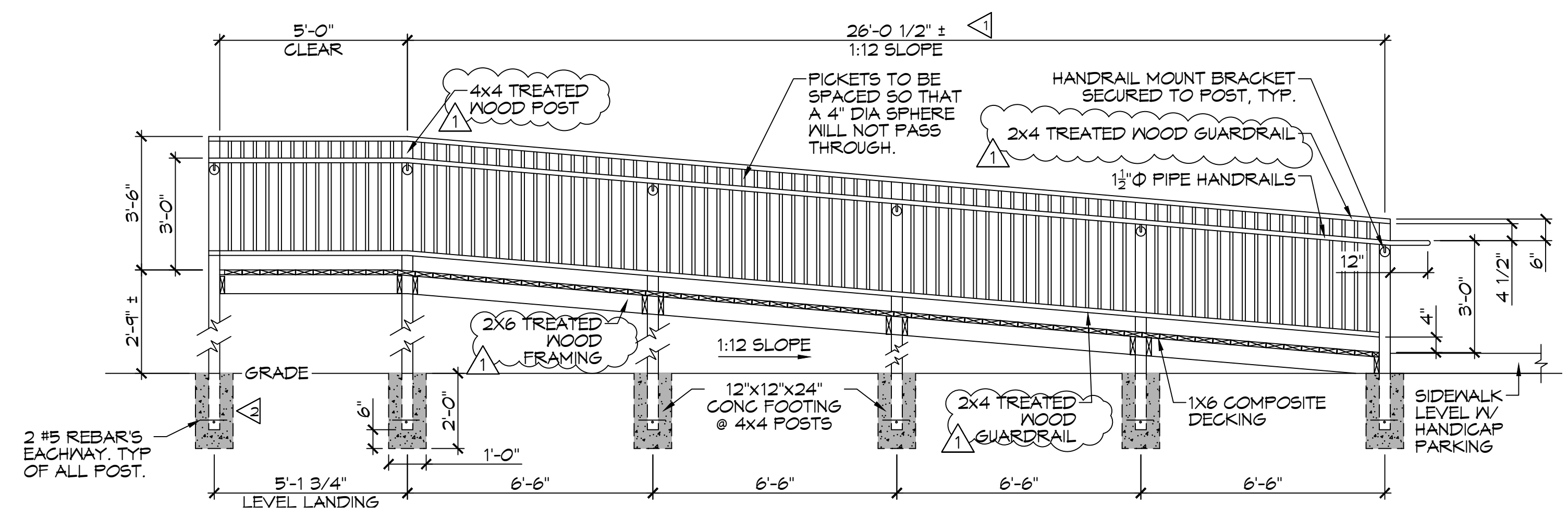
23 DECK PLAN VIEW
SCALE: 3/8" = 1'-0"



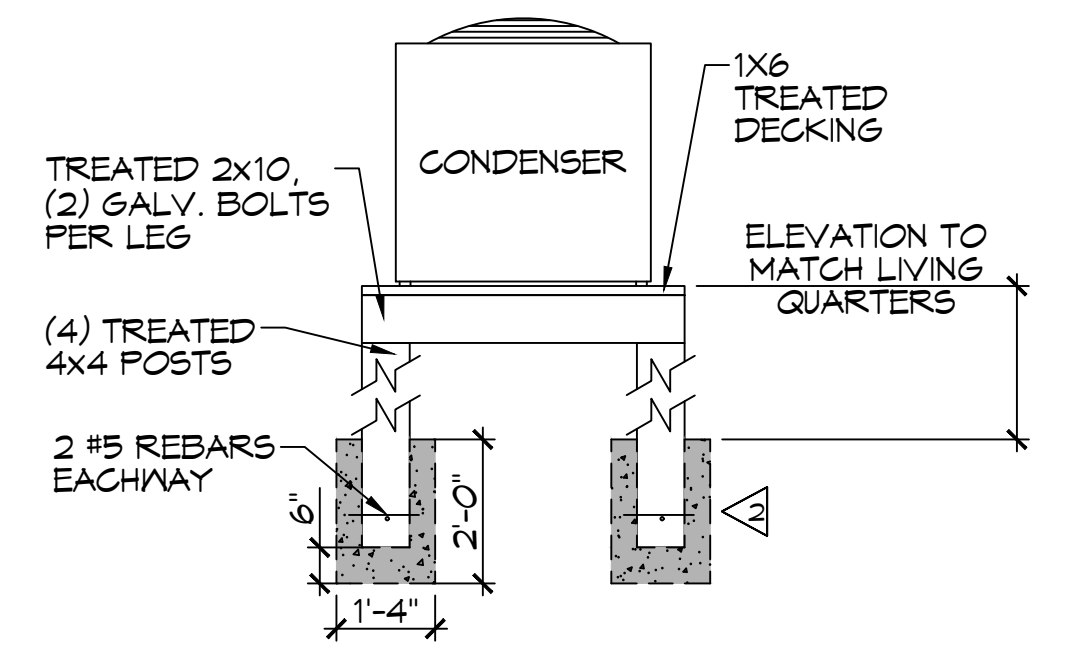
J RAMP SECTION VIEW
SCALE: 3/8" = 1'-0"



G RAMP SECTION VIEW
SCALE: 3/8" = 1'-0"



H RAMP SECTION VIEW
SCALE: 3/8" = 1'-0"



24 AC CONDENSER
SCALE: 3/8" = 1'-0"

- GENERAL NOTES**
- ▲ FIELD VERIFY HEIGHT TO MATCH BUILDING
 - ▲ 4000 PSI CAST IN PLACE CONCRETE FOOTING

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REVISIONS	DATE
1	8/17/2022
1 Revised Treated Lumber For Framing	



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456 DATE: 05-16-2022
 DRAWN BY: CKD CHECKED BY: BAM

SHEET TITLE:
 ADA RAMP
 DRAWING NUMBER:
S107
 SHEET No: 12 of 30

AS-BUILT
1-31-24

TABLE S102.7 - HEADER SPANS FOR INTERIOR LOAD-BEARING WALLS

HEADERS SUPPORTING	SIZE	DROPPED HEADER			RAISED HEADER		
		BUILDING WIDTH (FT.)			BUILDING WIDTH (FT.)		
		12	24	36	12	24	36
ONE FLOOR ONLY (SINGLE CENTER BEARING WALL)	(2) 2x4	4'-0"	2'-10"	2'-4"	4'-1"	2'-10"	2'-4"
	(2) 2x6	5'-11"	4'-3"	3'-5"	6'-1"	4'-4"	3'-6"
	(2) 2x8	7'-1"	5'-2"	4'-4"	7'-4"	5'-5"	4'-5"
	(2) 2x10	7'-11"	6'-0"	5'-0"	9'-2"	6'-6"	5'-3"
	(2) 2x12	8'-6"	6'-7"	5'-7"	10'-4"	7'-7"	6'-3"
	(3) 2x8	8'-5"	6'-4"	5'-3"	9'-8"	6'-10"	5'-7"
	(3) 2x10	9'-3"	7'-1"-9'-10"	6'-0"	11'-5"	8'-11"	6'-7"
	(3) 2x12	9'-11"	7'-8"	6'-7"	13'-6"	9'-6"	7'-4"
	(4) 2x8	9'-5"	7'-2"	6'-0"	11'-2"	7'-11"	6'-5"
	(4) 2x10	10'-3"	7'-11"	6'-4"	13'-3"	9'-4"	7'-8"
(4) 2x12	11'-0"	8'-7"	7'-4"	15'-7"	11'-0"	9'-0"	

TABLE S102.8 - HEADER SPANS FOR EXTERIOR LOAD-BEARING WALLS RESISTING WIND LOADS EXP "C"

SIZE	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	195 MPH
(2) 2x4	5'-1"	4'-8"	4'-4"	4'-1"	3'-10"	3'-7"	3'-5"	3'-2"
(2) 2x6	6'-3"	5'-9"	5'-4"	5'-0"	4'-8"	4'-5"	4'-2"	3'-10"
(2) 2x8	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-10"	4'-7"	4'-3"
(2) 2x10	7'-4"	6'-10"	6'-4"	5'-11"	5'-6"	5'-2"	4'-11"	4'-6"
(2) 2x12	7'-10"	7'-3"	6'-4"	6'-3"	5'-11"	5'-7"	5'-3"	4'-10"
(3) 2x8	8'-5"	7'-4"	7'-2"	6'-4"	6'-4"	5'-11"	5'-7"	5'-2"
(3) 2x10	9'-0"	8'-4"	7'-4"	7'-3"	6'-4"	6'-4"	6'-0"	5'-7"
(3) 2x12	9'-7"	8'-11"	8'-3"	7'-8"	7'-3"	6'-10"	6'-5"	5'-11"
(4) 2x8	9'-8"	9'-0"	8'-4"	7'-4"	7'-3"	6'-10"	6'-6"	6'-0"
(4) 2x10	10'-5"	9'-7"	8'-11"	8'-4"	7'-10"	7'-4"	6'-11"	6'-5"
(4) 2x12	11'-7"	11'-1"	10'-3"	9'-6"	8'-11"	8'-4"	7'-10"	6'-10"

TABLE S102.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 130 MPH WIND EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)		
		8' END ZONES	INTERIOR ZONES	
UPLIFT LOADS	1 - 3 STORIES	50 INCHES ON CENTER	50 INCHES ON CENTER	

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE.

TABLE S102.10 - BOTTOM PLATE TO FOUNDATION CONNECTIONS (ANCHOR BOLTS) RESISTING LATERAL & SHEAR LOADS - EXP "C"

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		1/2" Ø ANCHOR BOLTS	5/8" Ø ANCHOR BOLTS
UPLIFT LOADS	1 STORY	31 INCHES ON CENTER	48 INCHES ON CENTER

TABLE S102.11 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXP "C"

HEADER SPAN (FEET)	WALL STUD SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2
10	5	4	3
12	6	5	3
14	7	6	4
16	8	6	4

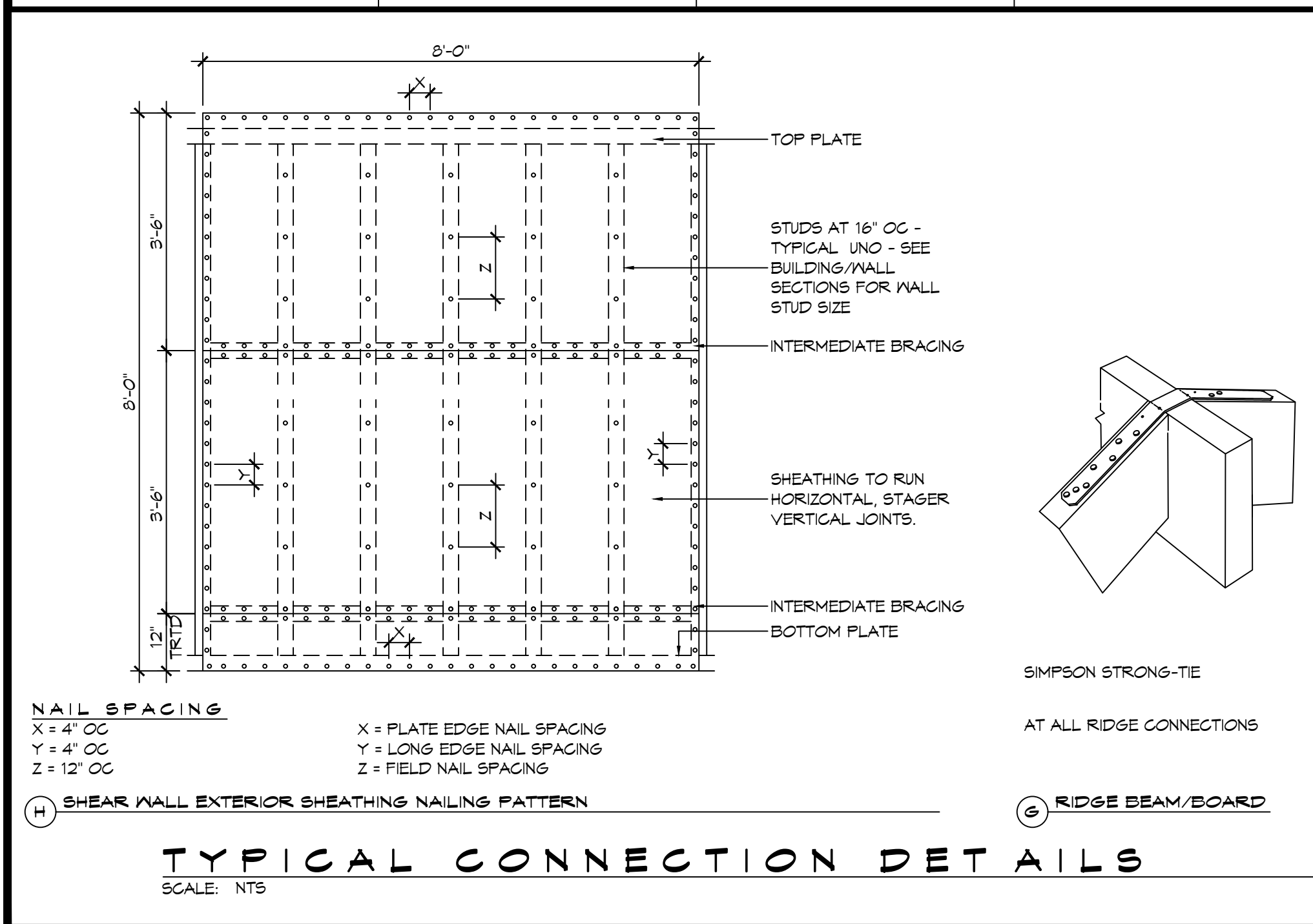


TABLE S102.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER											
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	1	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	1	1	1	3	2	2	2	4	3	3	2
	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
6	2	1	1	1	3	2	2	2	4	3	2	2	
8	2	2	1	1	3	2	2	2	5	3	3	3	
10	2	2	2	1	4	3	3	2	6	4	4	3	
12	3	2	2	2	5	3	3	3	7	5	4	4	
14	3	2	2	2	6	4	4	3	8	5	5	4	
16	4	3	2	2	6	4	4	3	9	6	6	5	

HEADER WIDTH - 3" (2-2X), 4.5" (3-2X), 5", 6.5" (4-2X) EACH 1/2" PLYWOOD SPACER BETWEEN

TABLE S102.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF LIVE LOAD 20 PSF				GROUND SNOW LOAD 30 PSF					
		NUMBER OF JACK STUDS REQUIRED									
		3"	4.5"	5"	6"	3"	4.5"	5"	6"		
ROOF AND CEILING	2	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1	1	1
	8	2	2	2	1	2	2	2	1	1	1
	10	3	2	2	2	3	2	2	2	2	2
	12	3	2	2	2	3	2	2	2	2	2
	14	4	3	2	2	4	3	2	2	2	2
	16	4	3	3	2	4	3	3	2	2	2
	2	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1	1	1
6	2	2	2	1	3	2	2	2	2	2	
8	3	2	2	2	3	2	2	2	2	2	
10	4	3	2	2	4	3	3	2	2	2	
12	4	3	3	2	5	3	3	3	3	3	
14	5	4	3	3	5	4	3	3	3	3	
16	6	4	4	3	6	4	4	3	3	3	

HEADER WIDTH - 3" (2-2X), 4.5" (3-2X), 5", 6.5" (4-2X) EACH 1/2" PLYWOOD SPACER BETWEEN

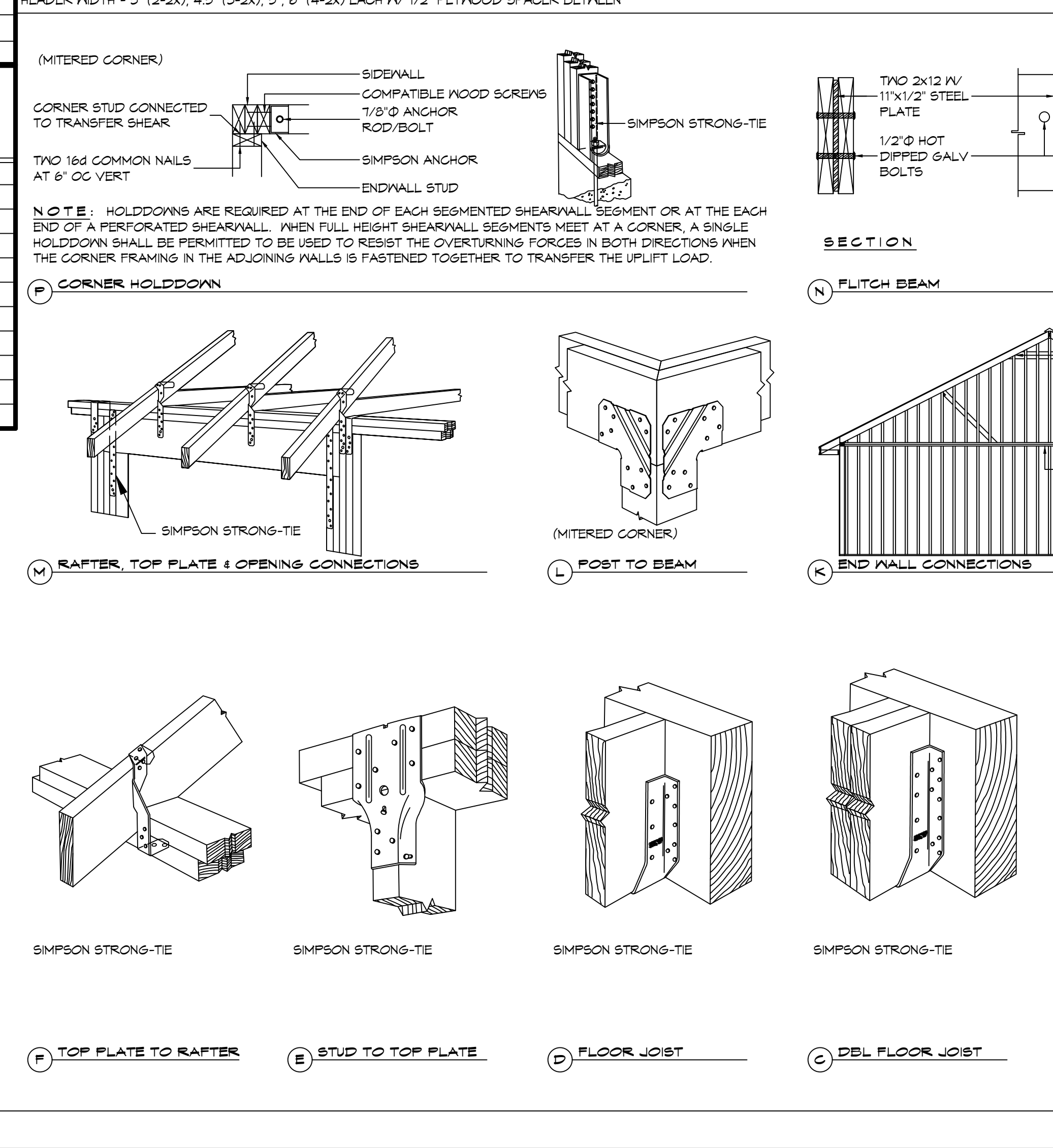


TABLE S102.3 - NAILING SCHEDULE

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
WALL FRAMING			
TOP PLATE TO TOP PLATE (FACE NAILED)	2-16d	2-16d	PER FOOT
TOP PLATE AT INTERSECTION (FACE)	4-16d	5-16d	JOINTS - EACH SIDE
STUD TO STUD (FACE-NAILED)	2-16d	2-16d	24" O.C.
HEADER TO HEADER (FACE NAILED)	16d	16d	16" O.C. EDGES
TOP OR BOTTOM PLATE TO STUD (END)	SEE TABLE	SEE TABLE	PER STUD
BOTTOM PLATE TO FLOOR JOIST, BANDJOIST, END JOIST OR BLOCKING	2-16d	2-16d	PER FOOT
ROOF SHEATHING			
WOOD STRUCTURAL PANELS	8d	10d	SEE TABLE S102.1
DIAGONAL BOARD SHEATHING	1x6" OR 1x8"	2-8d	2-10d PER SUPPORT
1'X10" OR WIDER	3-8d	3-10d	PER SUPPORT

TABLE S102.4 - BUILDING ENVELOPE REQUIREMENTS

ROOFS	OPAQUE ELEMENTS	ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.048	R-20.0 c.i.
	METAL BUILDING	U-0.065	R-19
	ATTIC AND OTHER	U-0.027	R-30
WALLS, ABOVE GRADE	MASS	U-0.151 @	R-5.7 c.i. @
	METAL BUILDING	U-0.113	R-13.0
	STEEL-FRAMED	U-0.124	R-13.0
FLOORS	WOOD-FRAMED AND OTHER	U-0.089	R-13.0
	MASS	U-0.107	R-6.3 c.i.
	STEEL JOIST	U-0.052	R-19.0
SLAB-ON-GRADE	WOOD FRAMED AND OTHER	U-0.051	R-19.0
	UN-HEATED	F-0.130	NR
	OPAQUE DOORS	SPRINGING	U-0.700
	NON-SPRINGING	U-1.450	NR

c.i. = CONTINUOUS INSULATION; NR = NO INSULATION REQUIREMENT
@ = EXCEPTION APPLIES

ROOF UNDERLAYMENT NOTES

- FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
 - APPLY A 1/4 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 14 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
- FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
 - UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND OFFSET 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

SHINGLE APPLICATION & FASTENING NOTES

- ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:
 - THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
 - THE BASIC WIND SPEED IS 120 MPH OR GREATER.
 - SPECIAL WIND ZONES.

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY: UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.10.

WALL ASSEMBLY TO WALL ASSEMBLY: STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.11.

WALL ASSEMBLY TO FOUNDATION: FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 1 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE, 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM #10S OR #450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S102.12.

TABLE S102.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - 130 MPH WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES O.C.)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6

130 MPH WIND - EXPOSURE 'C' TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S102.2 - WALL SHEATHING OR CLADDING REQUIREMENT - 130 MPH WIND LOAD EXP "C"

SHEATHING LOCATION	STUD SPACING	MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES O.C.)	
		E	F
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	12

130 MPH WIND - EXPOSURE 'C' TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

AS-BUILT
1-31-24

DAMMON ENGINEERING, INC.
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STATE OF LOUISIANA
BRIAN A. MISTICCH
Professional Engineer
License No. 30187

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19

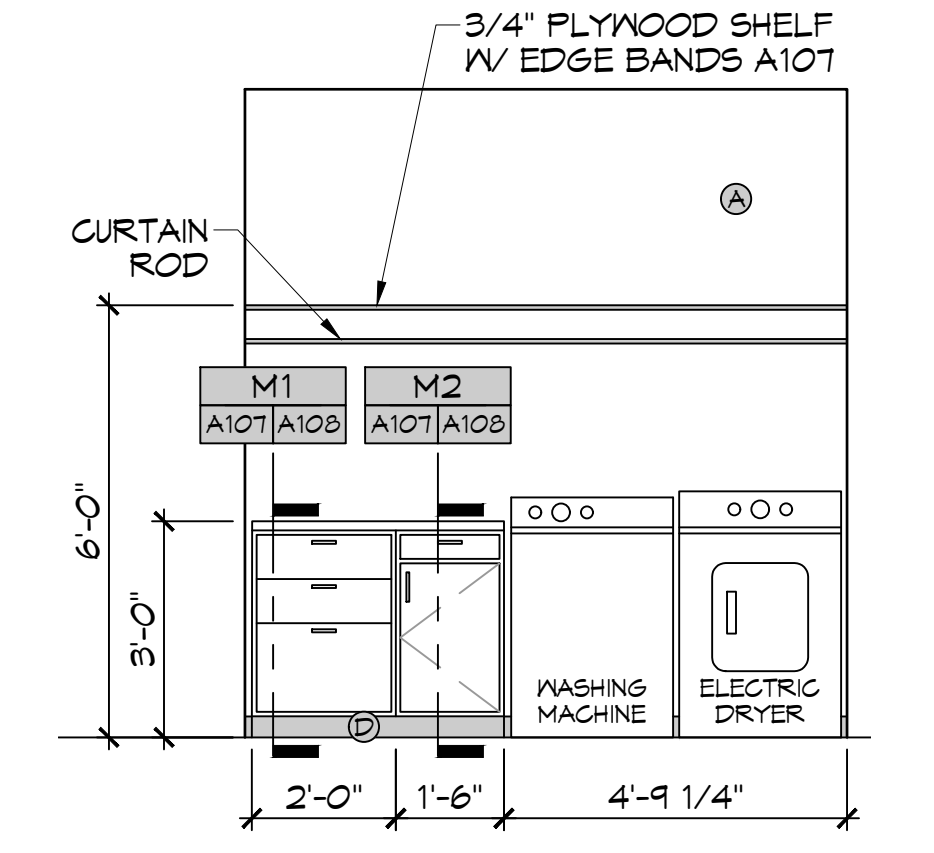
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SLIDELL, LOUISIANA 70461
JOB NO: 2456
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CHECKED BY: BAW

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TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

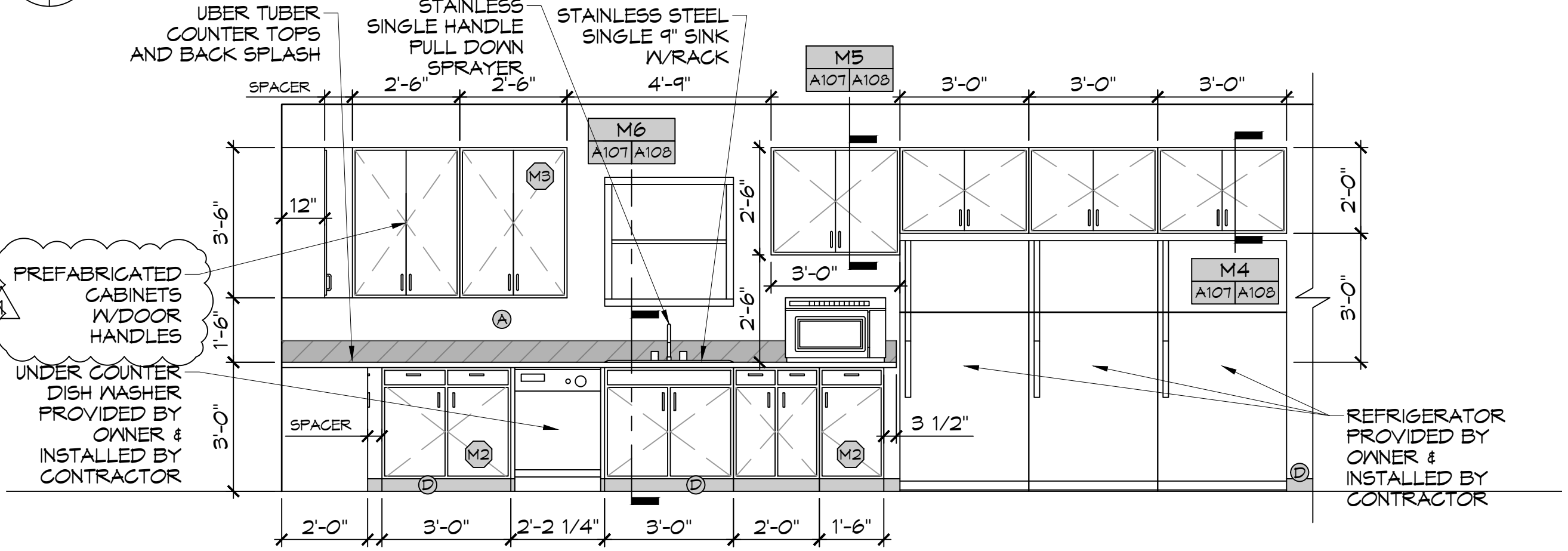
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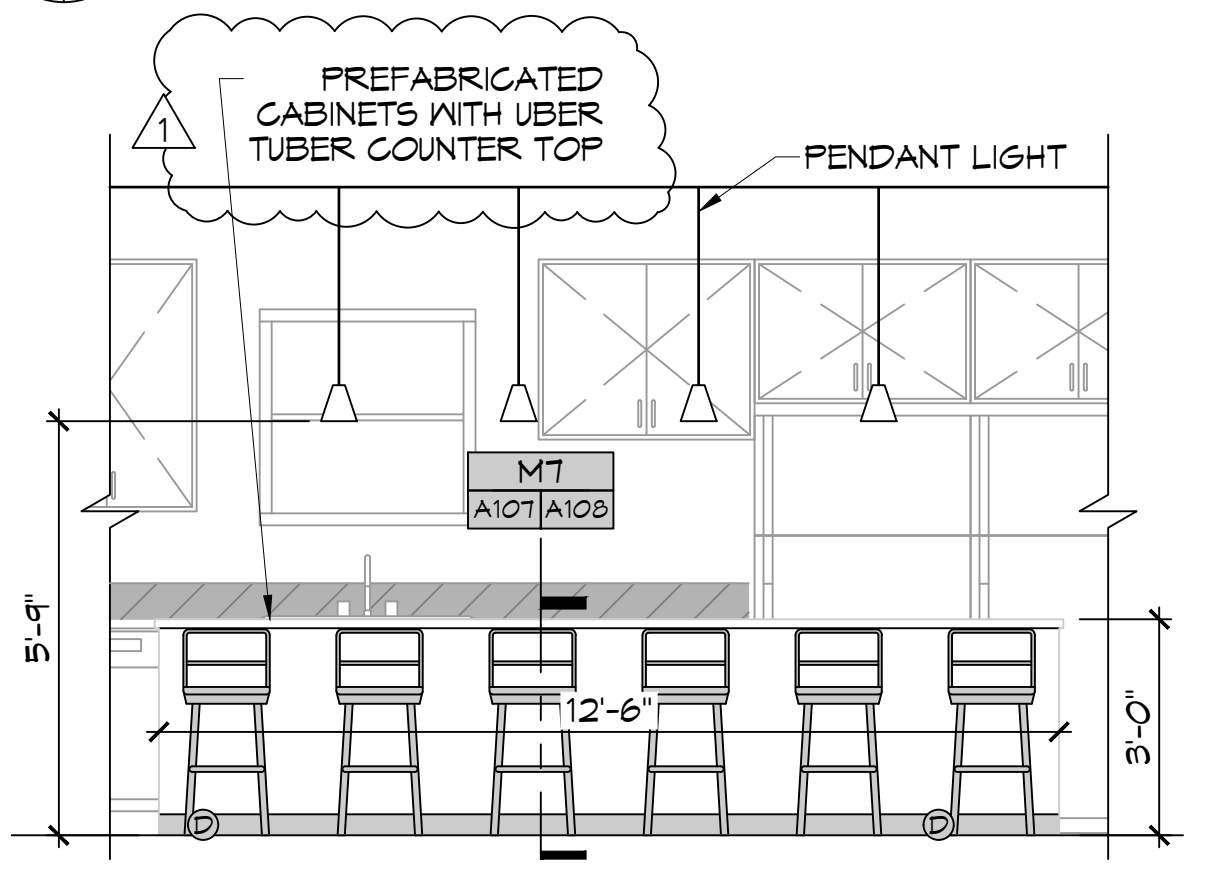
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 PLOT SHEET: 1 of 30



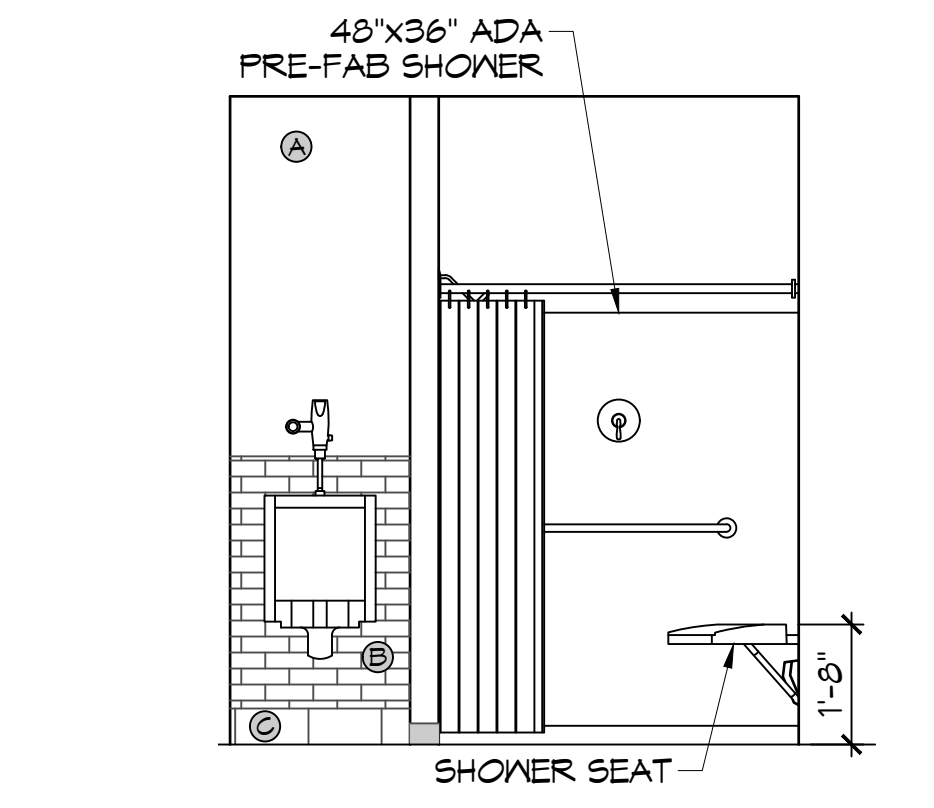
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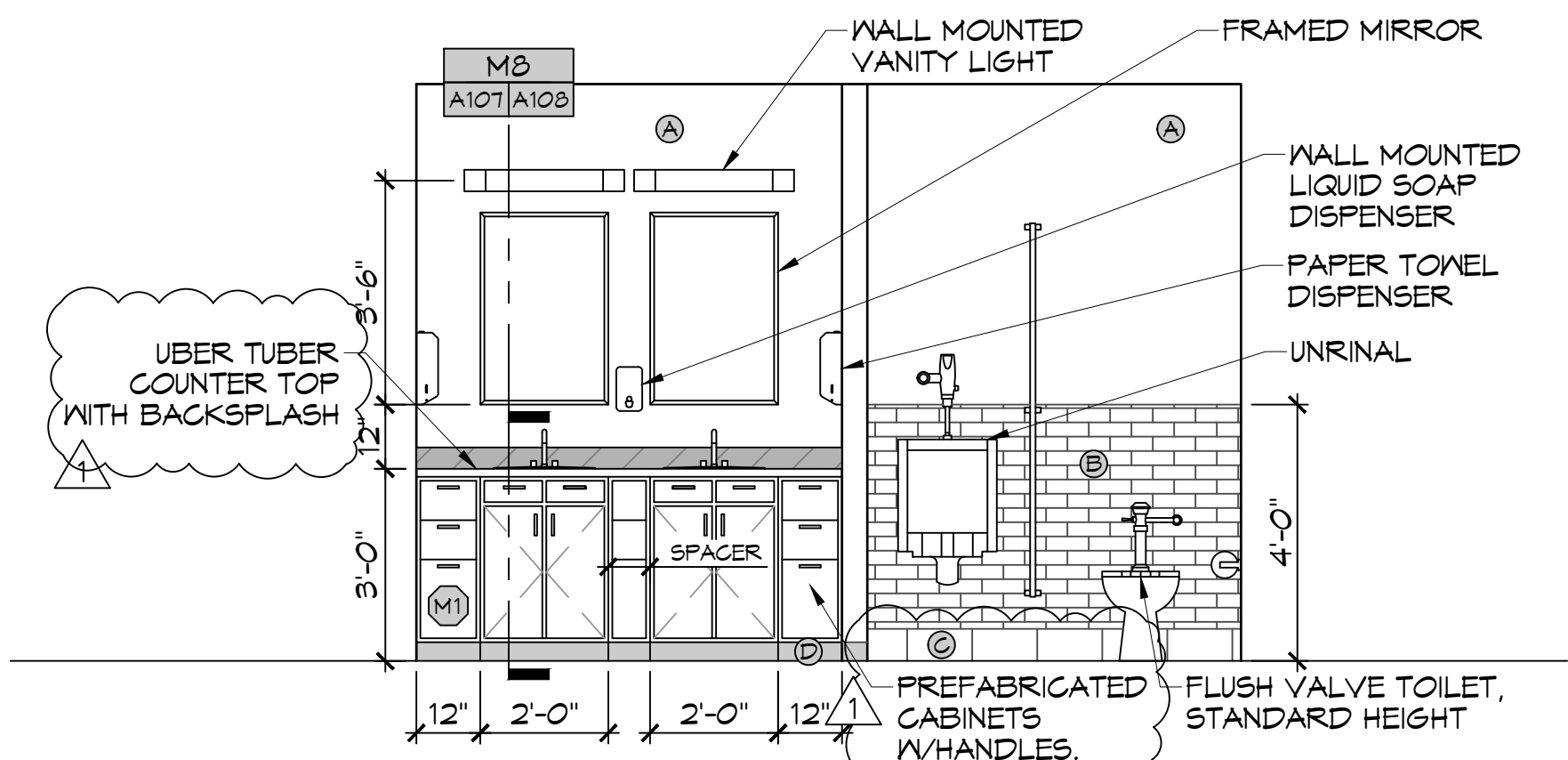
C KITCHEN-NORTH
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



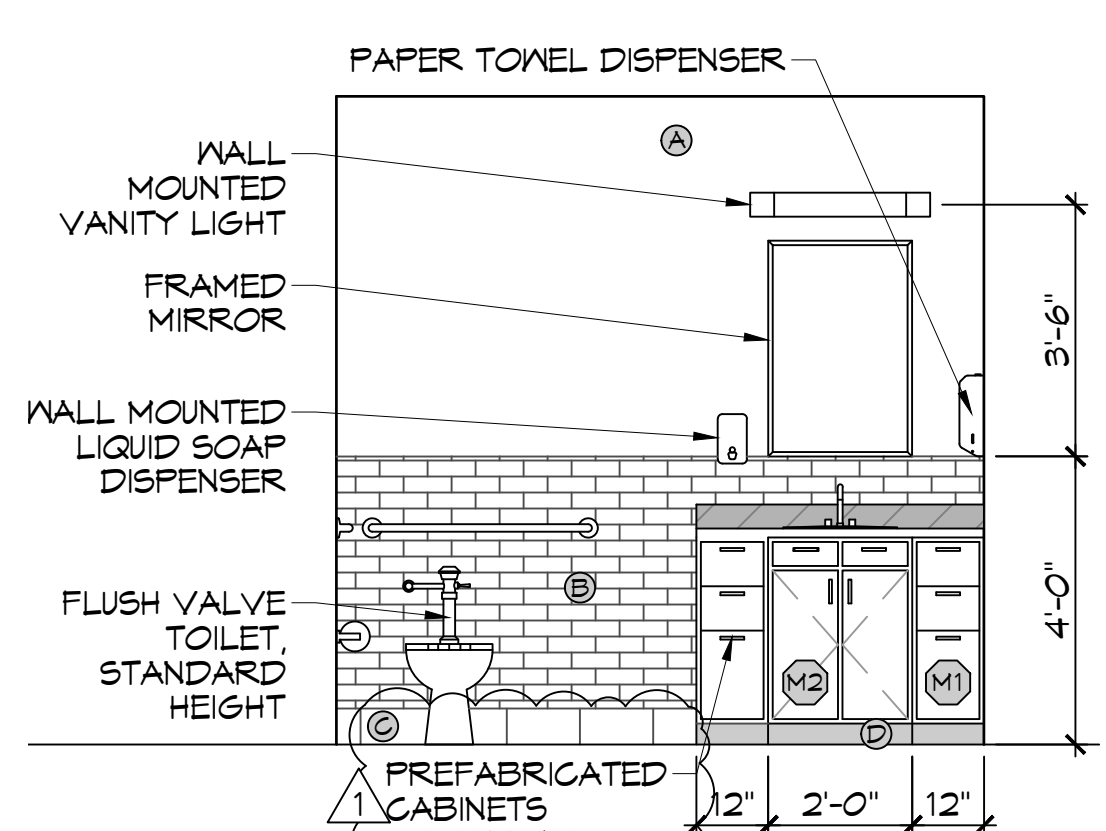
E BREAKFAST BAR - NORTH
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



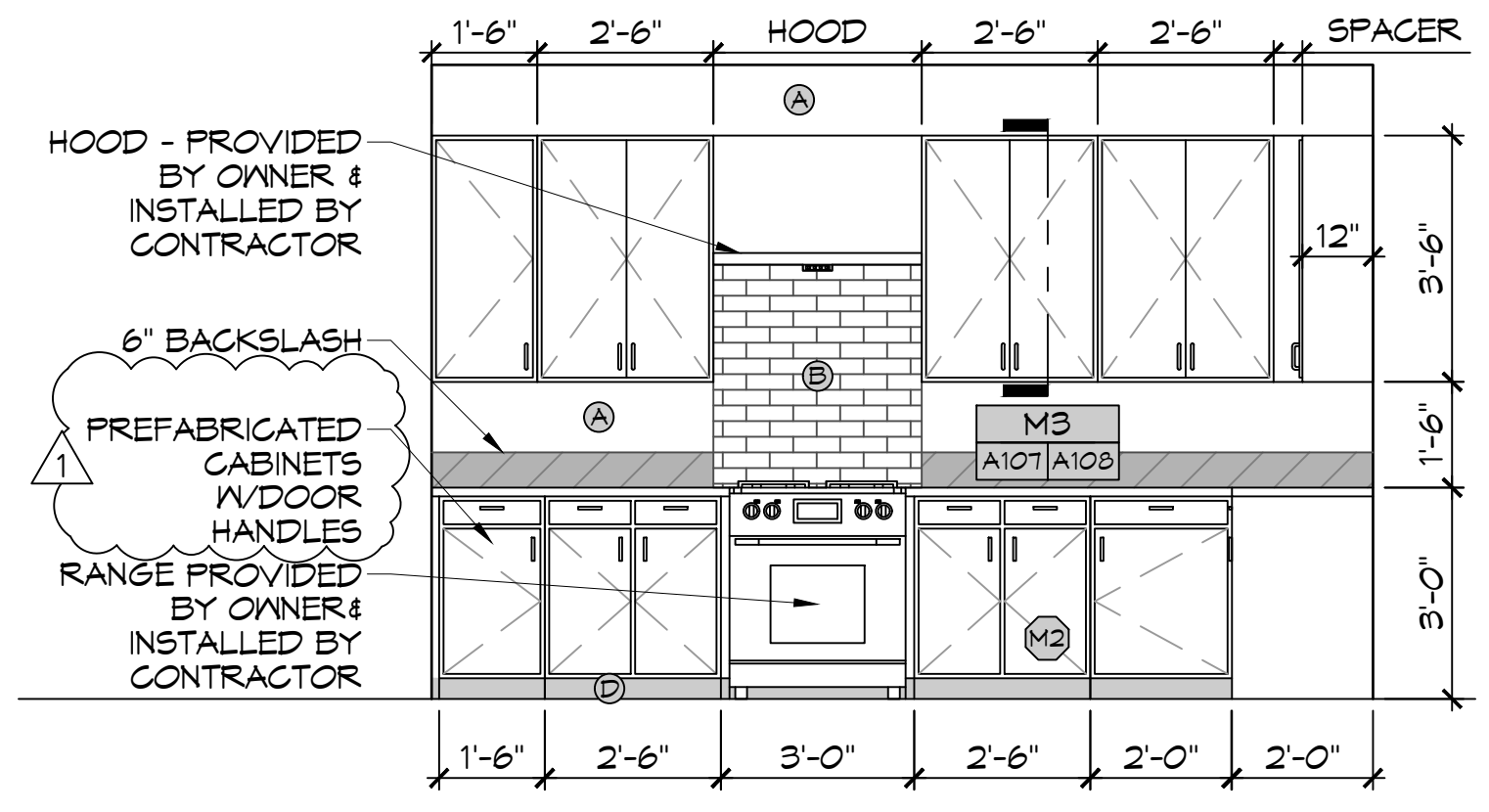
H REST ROOM - WEST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



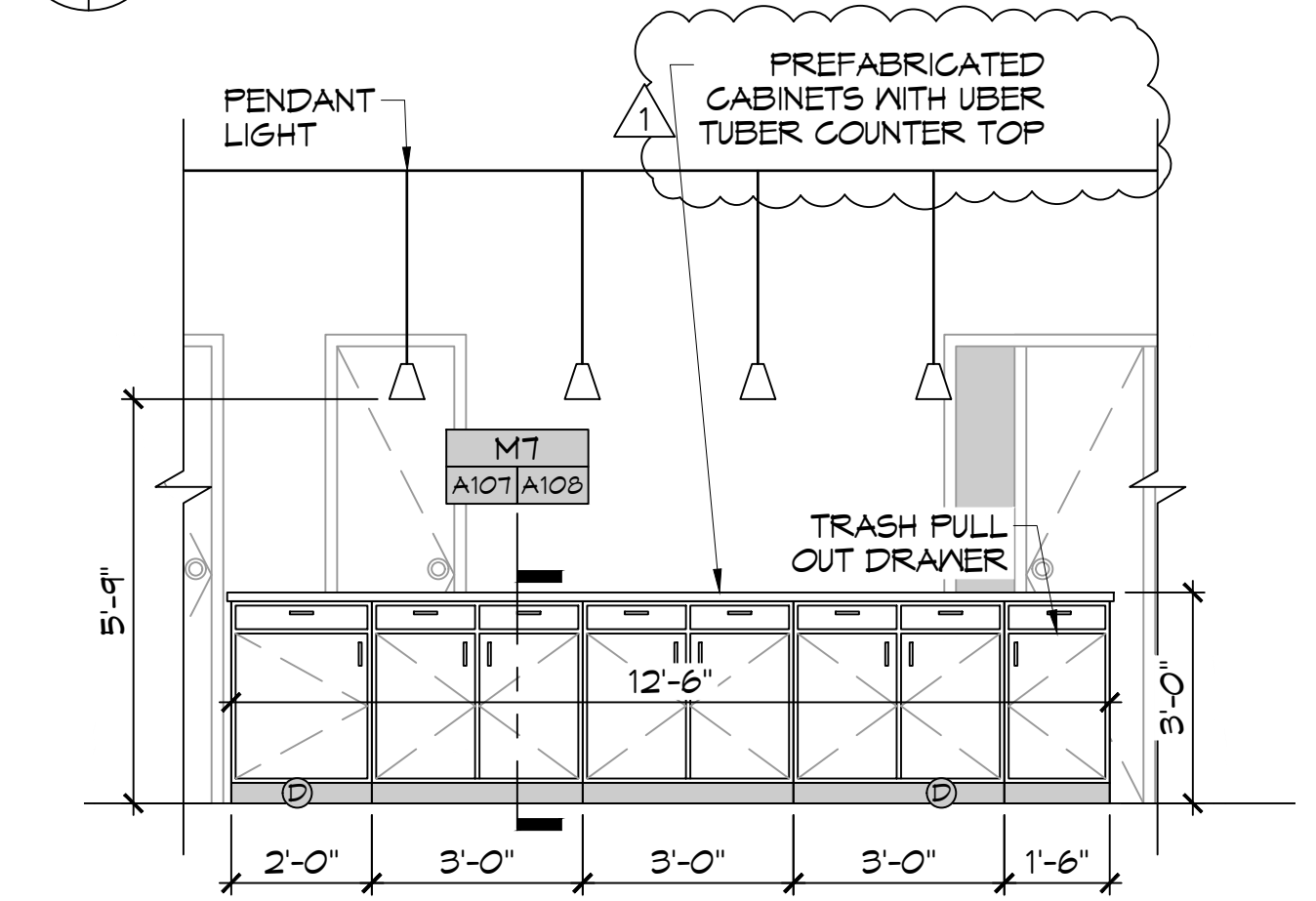
F REST ROOM - EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



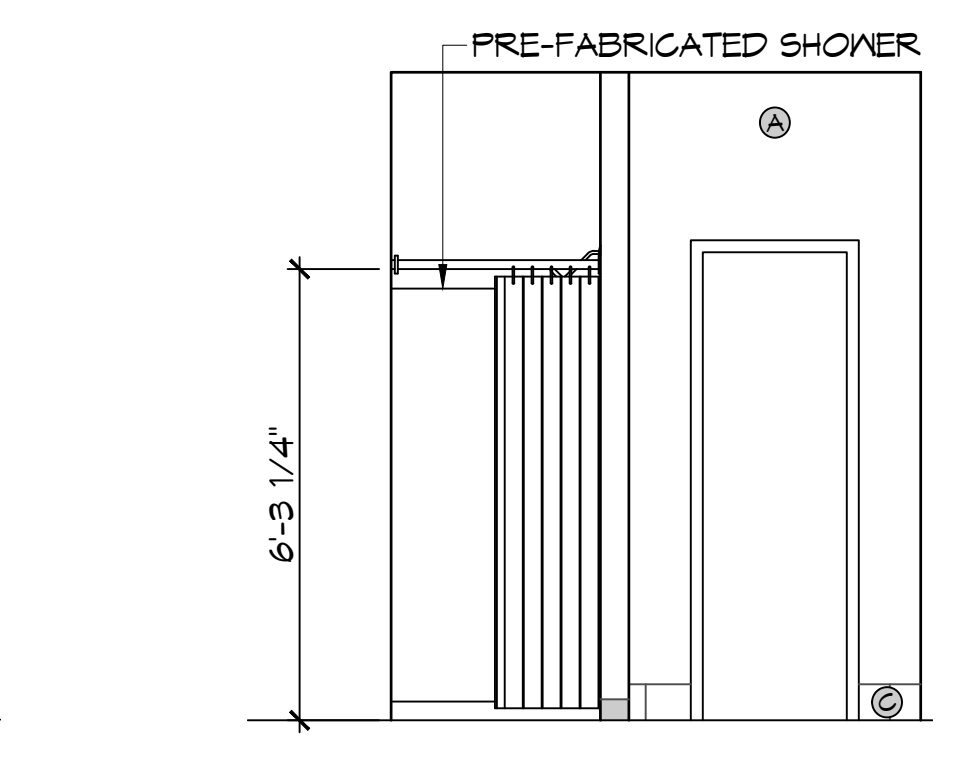
J REST ROOM - WEST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



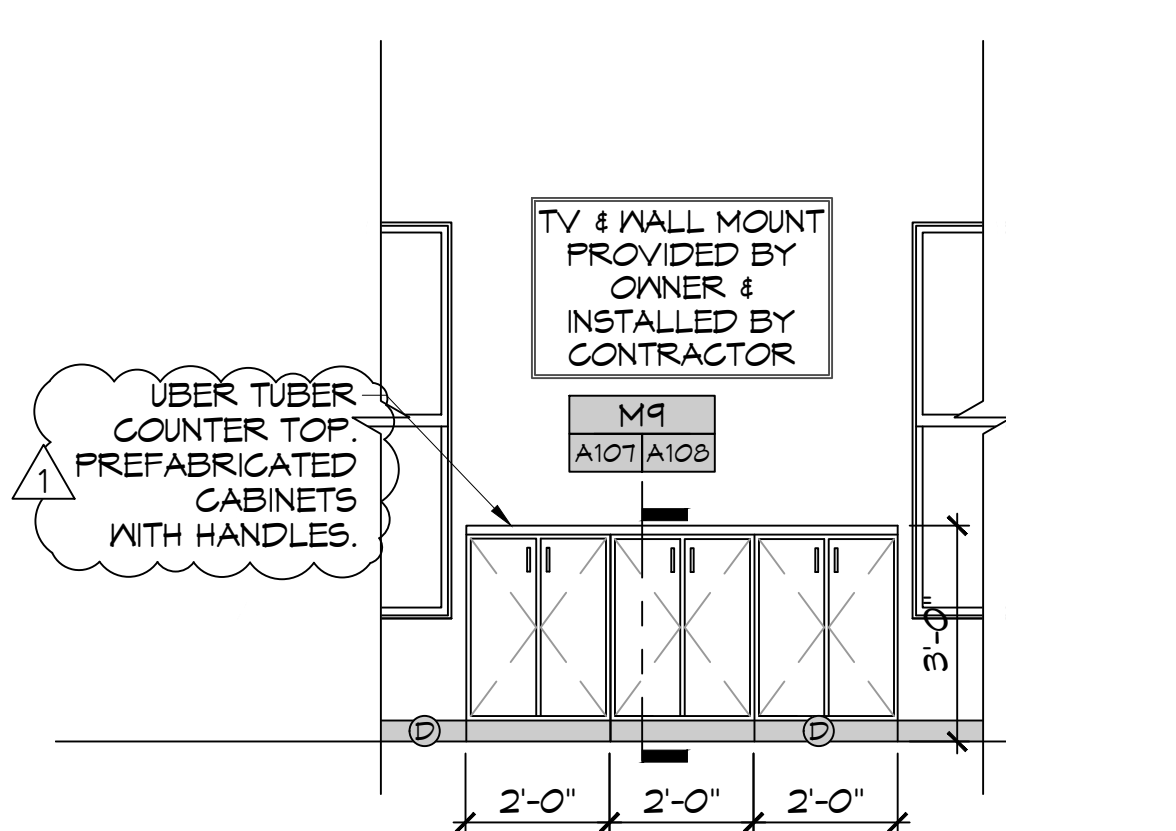
B KITCHEN-EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



D BREAKFAST BAR - SOUTH
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



G REST ROOM - EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



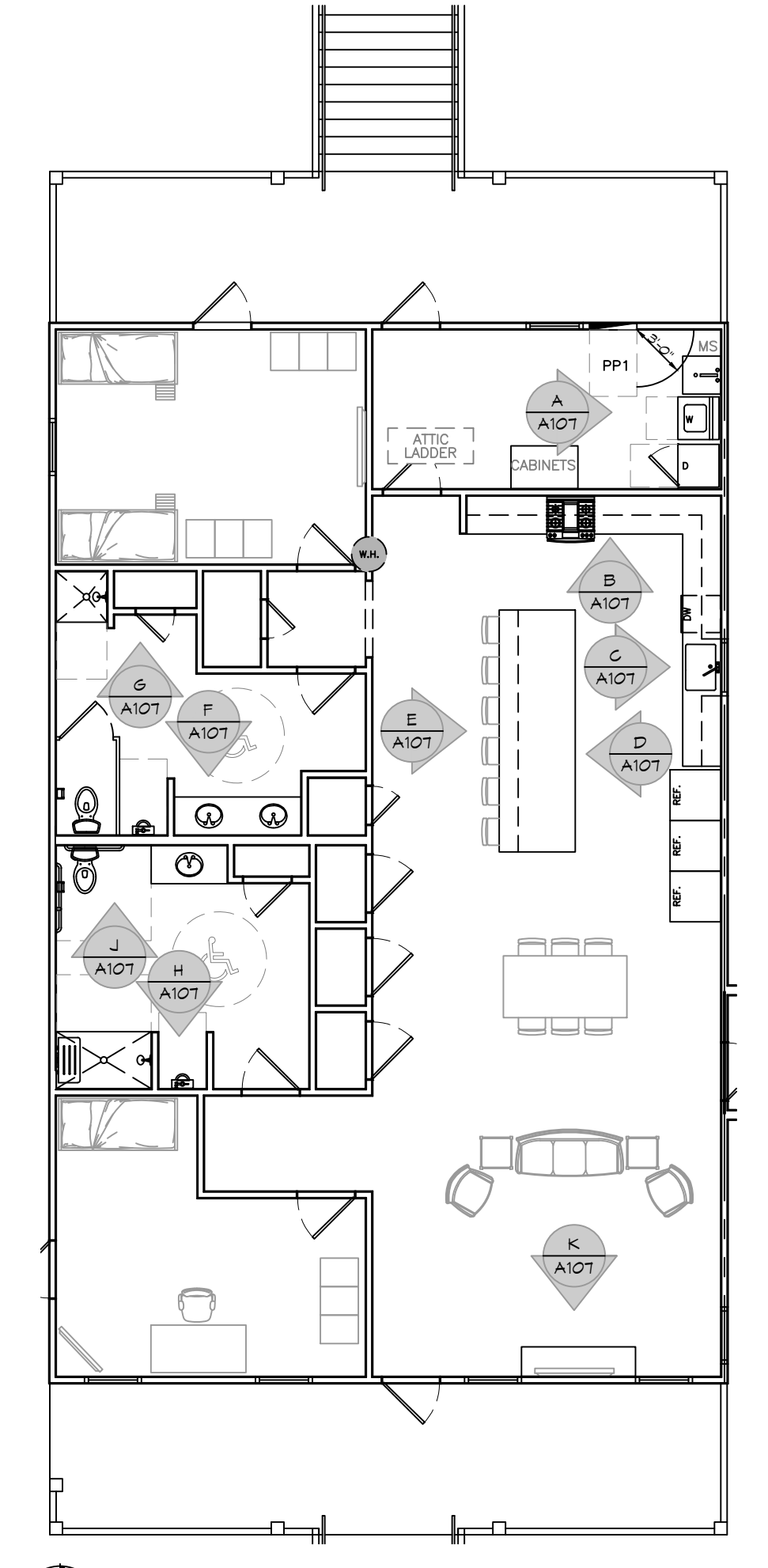
K LIVING ROOM-EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION

- ### INTERIOR ELEVATION NOTES
- REFER TO SHEET 6003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
 - NOT USED
 - PROVIDE 1/8" R EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSLASH EDGES UNLESS OTHERWISE NOTED.
 - BLOCKING FOR CABINETS IS NOT SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND COORDINATING WALL BLOCKING FOR CABINETRY. WHERE WOOD BLOCKING IS PROHIBITED BY CODE PROVIDE GALVANIZED SHEET BLOCKING.
 - PROVIDE 5/8" CEMENTITIOUS BACKERBOARD BEHIND ALL CERAMIC WALL TILE INSTALLATIONS. WHERE CERAMIC WALL TILE IS APPLIED TO A RATED WALL ASSEMBLY USE TYPE 'X' MOISTURE RESISTANT GMB.
 - PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED CASEWORK.
 - PROVIDE FILLER PANEL WHERE CASEWORK MEETS WALL. SCRIBE AS NECESSARY TO ACHIEVE TIGHT FIT TO FINISH SURFACE.
 - FIELD VERIFY (V/F) ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
 - ELEG OUTLETS INSTALLED AT GRANITE BACK SPLASHES SHALL BE MOUNTED IN A HORIZONTAL ORIENTATION WITH SATIN STAINLESS STEEL PLATE.
 - CLEARANCE REDUCTION SYSTEM SHALL COMPLY WITH NFPA 96.4.2.3.
 - NOT USED
 - SINKS SHOWN ON THESE DRAWINGS INDICATE LOCATIONS ONLY AND NOT ACTUAL SIZES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL SIZES AND TYPES WITH PREFABRICATED CABINET DESIGNER.

PAINT CALLOUT

(A)	PAINTED SHEETROCK
(B)	WALL TILE
(C)	TILE BASE BOARD
(D)	RUBBER BASE BOARD

REFER TO FINISH SCHEDULE FOR ALL FINISHES



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

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#	DESCRIPTION	DATE
1	Revised Millwork and Counter Tops	8/11/2022

ST. TAMMANY FIRE PROTECTION DISTRICT No. 1

FIRE STATION 19

57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456 DATE: 05-16-2022
 DRAWN BY: CCKD CHECKED BY: CCKD

SHEET TITLE:
 INTERIOR ELEVATIONS PLAN

DRAWING NUMBER:
A107

AS-BUILT
 1-31-24

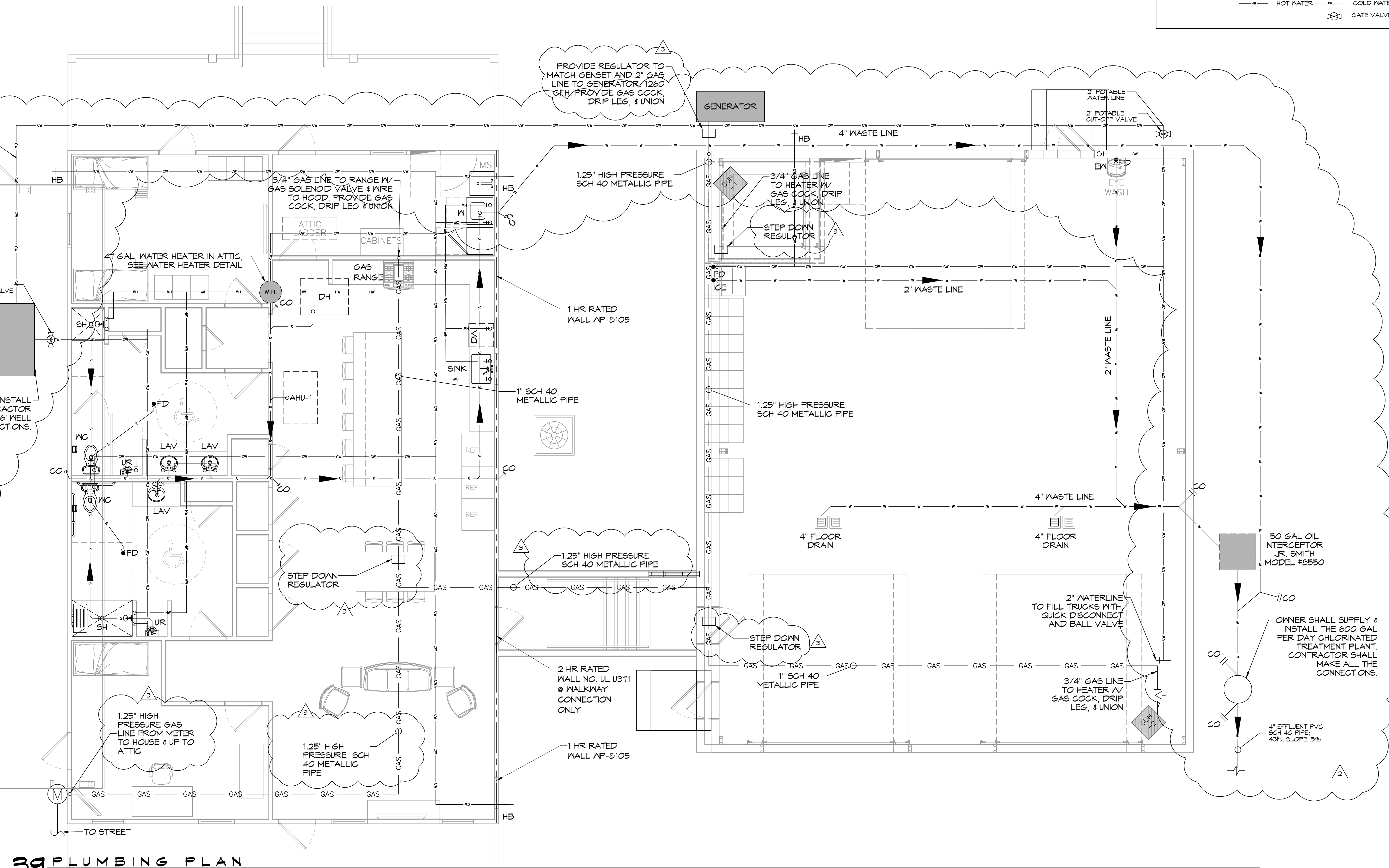
SHEET No: 21 of 30

PLUMBING ABBREVIATIONS

LAV	LAVATORY	W	WASHER MACHINE
WC	WATER CLOSET	WH	WATER HEATER
CB	CATCH BASIN	SH	SHOWER

PLUMBING LEGEND

	CLEAN OUT		SEWAGE LINE		CATCH BASIN
	P-TRAP		VENT LINE		METER
	FLOOR DRAIN		GAS LINE		PLUG COCK
			WASTE LINE		COLD WATER
			HOT WATER		GATE VALVE



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#	DESCRIPTION	DATE
1	OWNER SHALL FURNISH WELL AND TREATMENT PLANT	07-28-22
2	RELOCATED TREATMENT PLANT AND WELL	04-08-22
3	REVISED GAS LINES FOR HIGH PRESSURE	4/19/2023



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19

57047 ALLEN ROAD
STELL, LOUISIANA 70461
JOB No: 2456
DATE: 05-16-2022
DRAWN BY: CKD
CHECKED BY: JMS

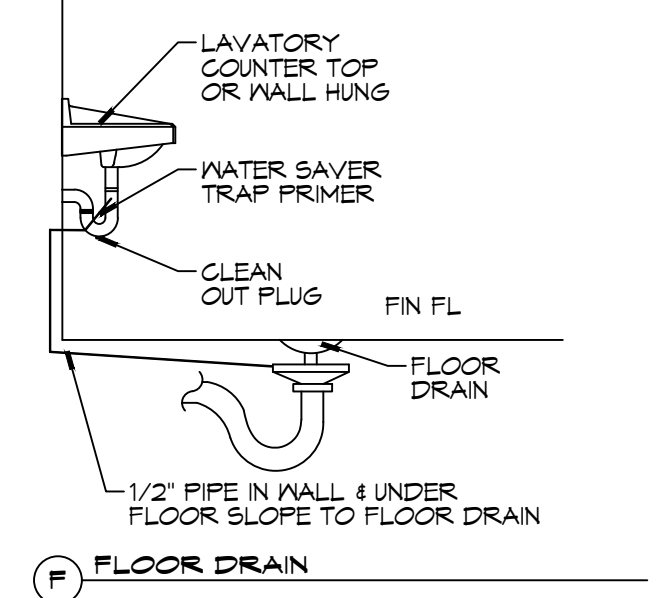
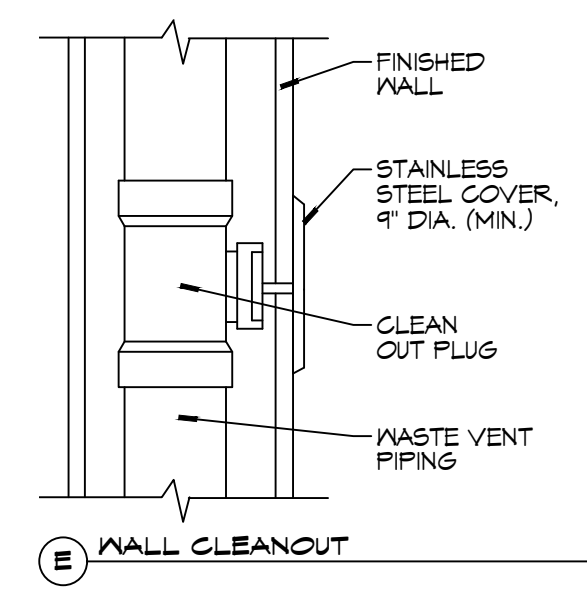
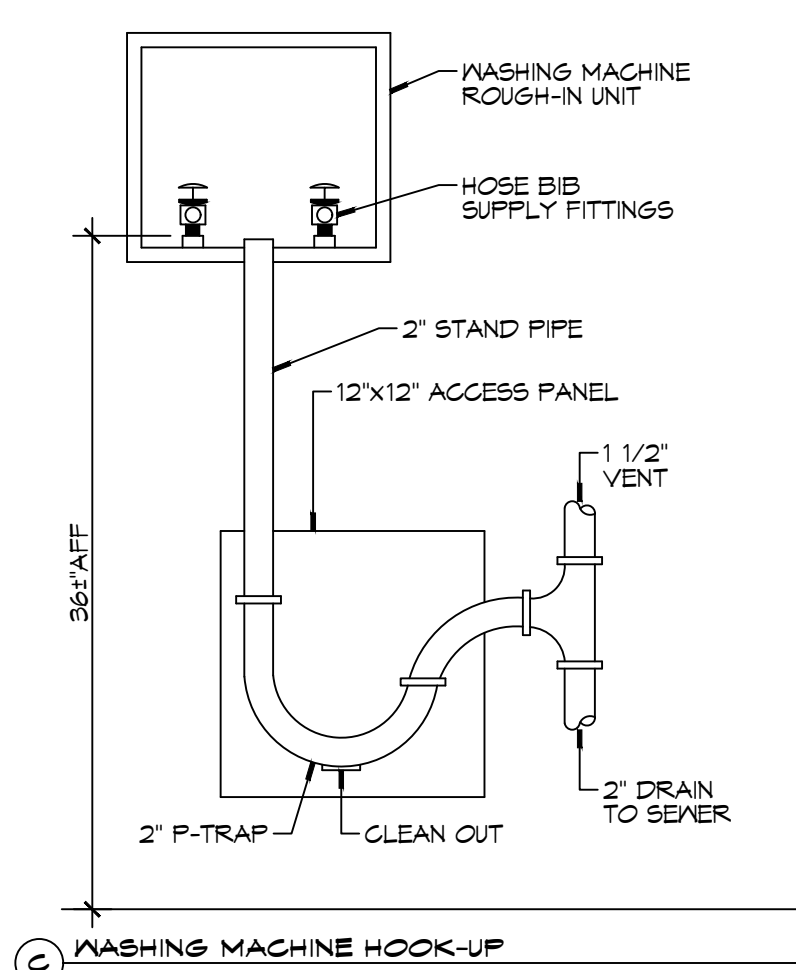
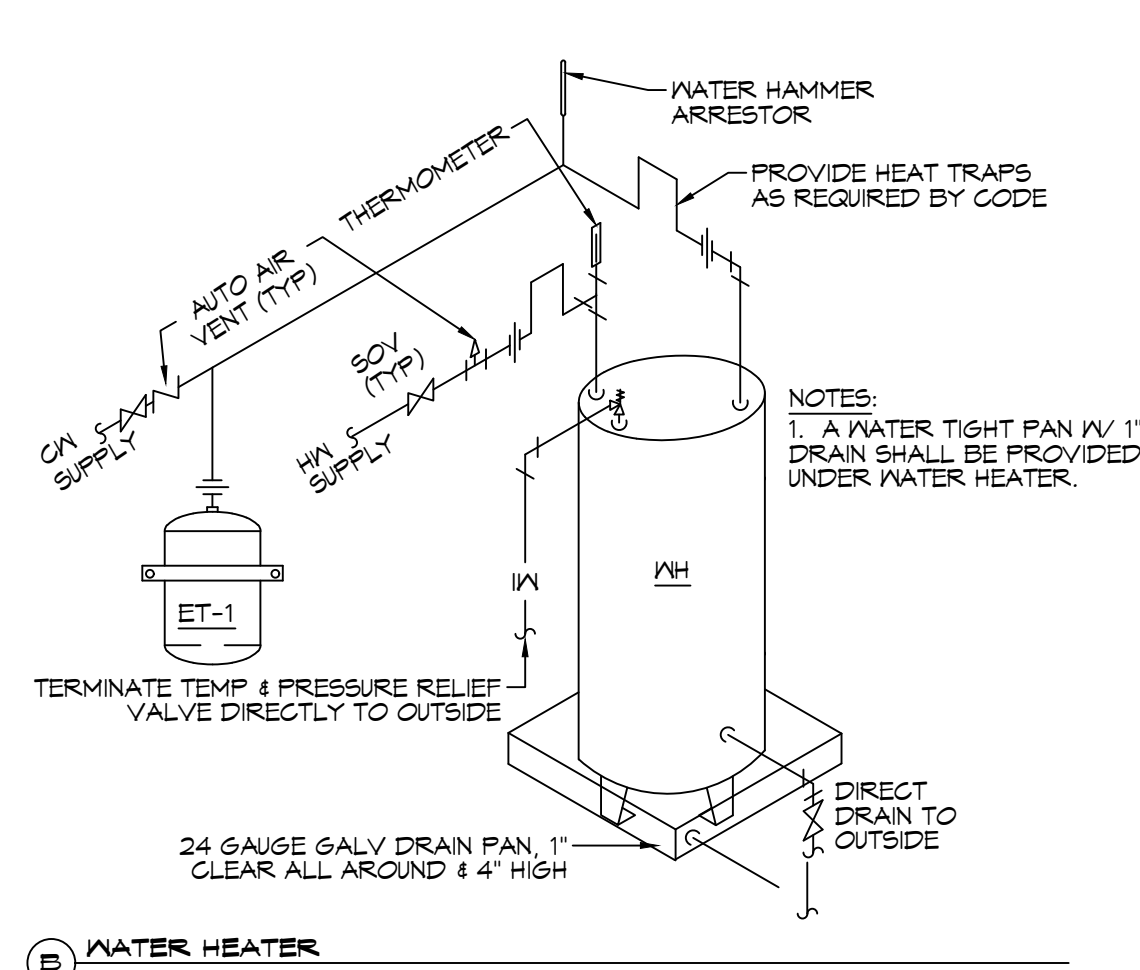
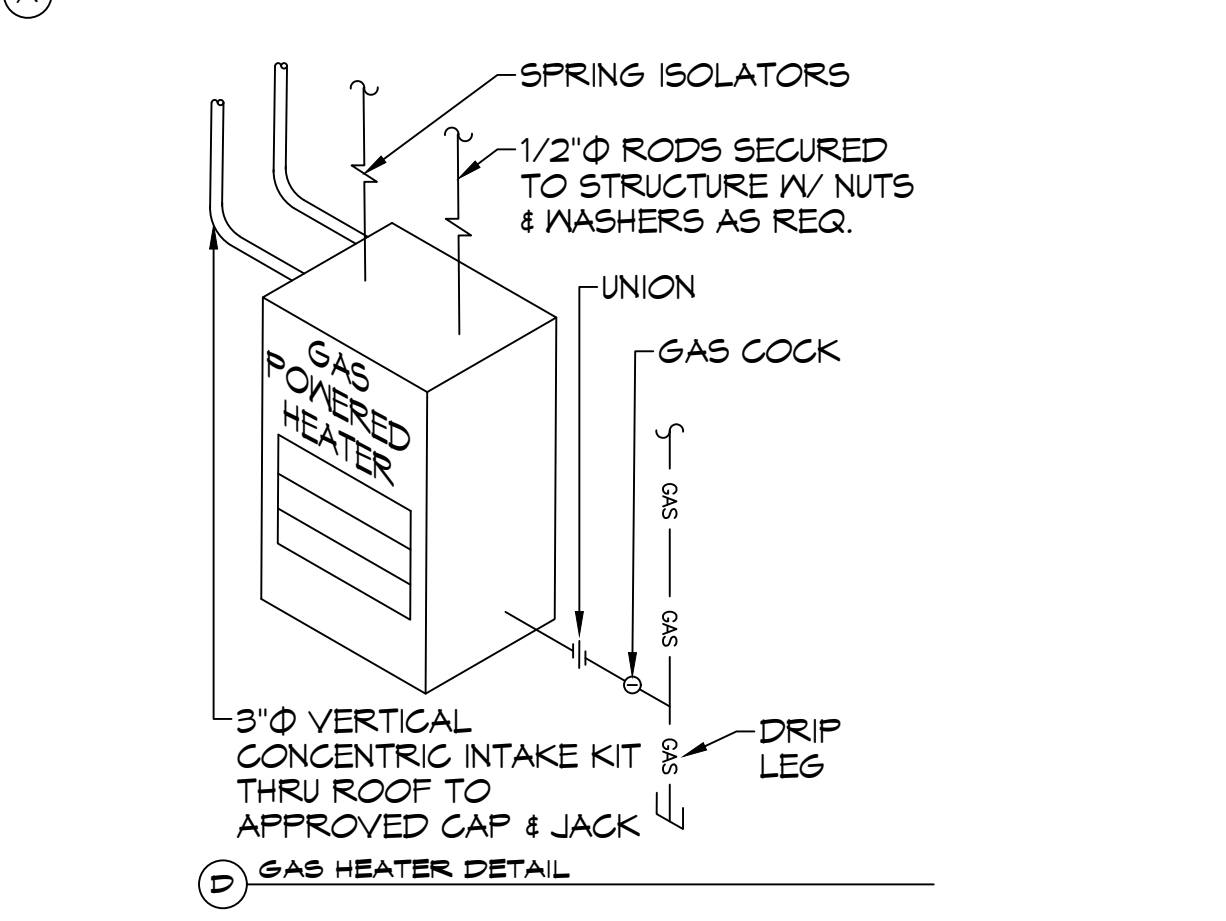
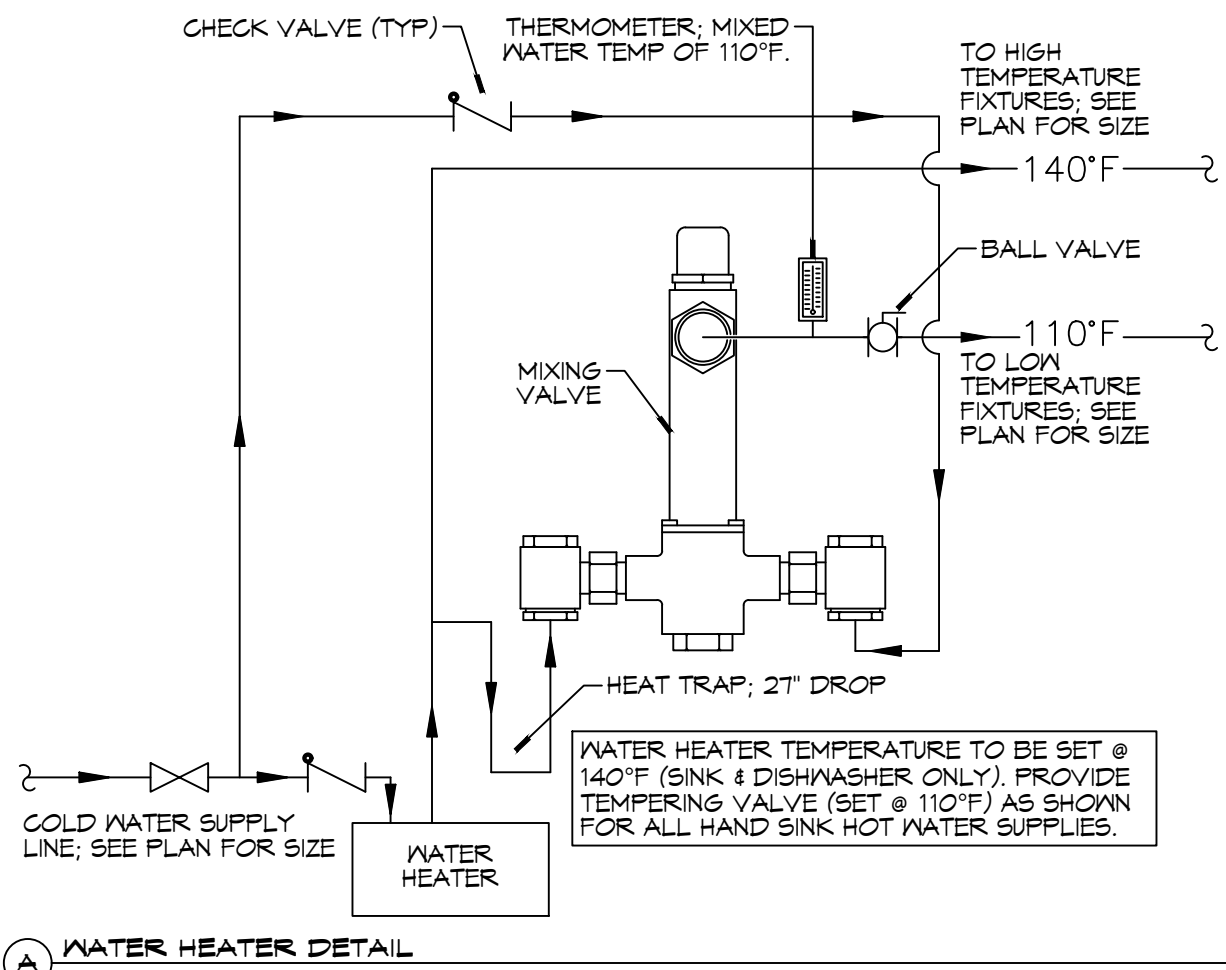
SHEET TITLE:
PLUMBING PLAN

DRAWING NUMBER:
P101

SHEET No: 23 of 30

AS-BUILT
1-31-24

NOTES:
 1. HEAT TRAP IS NOT REQUIRED WHERE MIXING VALVE IS INSTALLED BELOW STORAGE TANK OR WATER HEATER.
 2. SET THE MIXING VALVE TO THE SYSTEM ACCORDING TO MANUFACTURER'S INSTRUCTIONS.



GENERAL PLUMBING NOTES

- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATOR, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
- ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2018 REQUIREMENTS.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
- CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
- SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
- TEST ALL PIPING AT REQUIRED PRESSURE.
- ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
- DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBING, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE #84 (85-5) SOLDER.
- SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DRW PIPES AND FITTINGS WHERE PERMITTED BY CODE.
- ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
- ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

GAS EQUIPMENT SCHEDULE

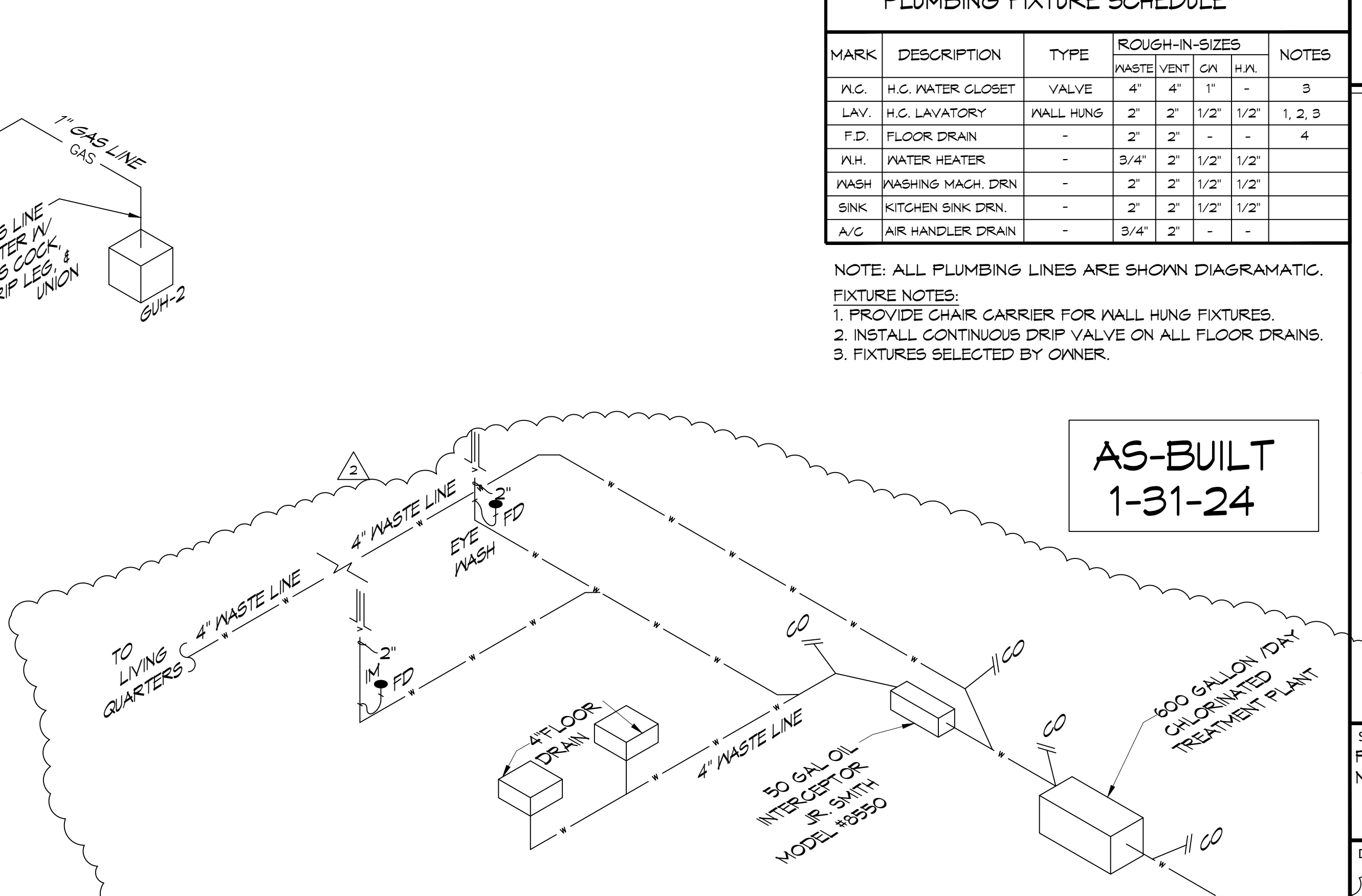
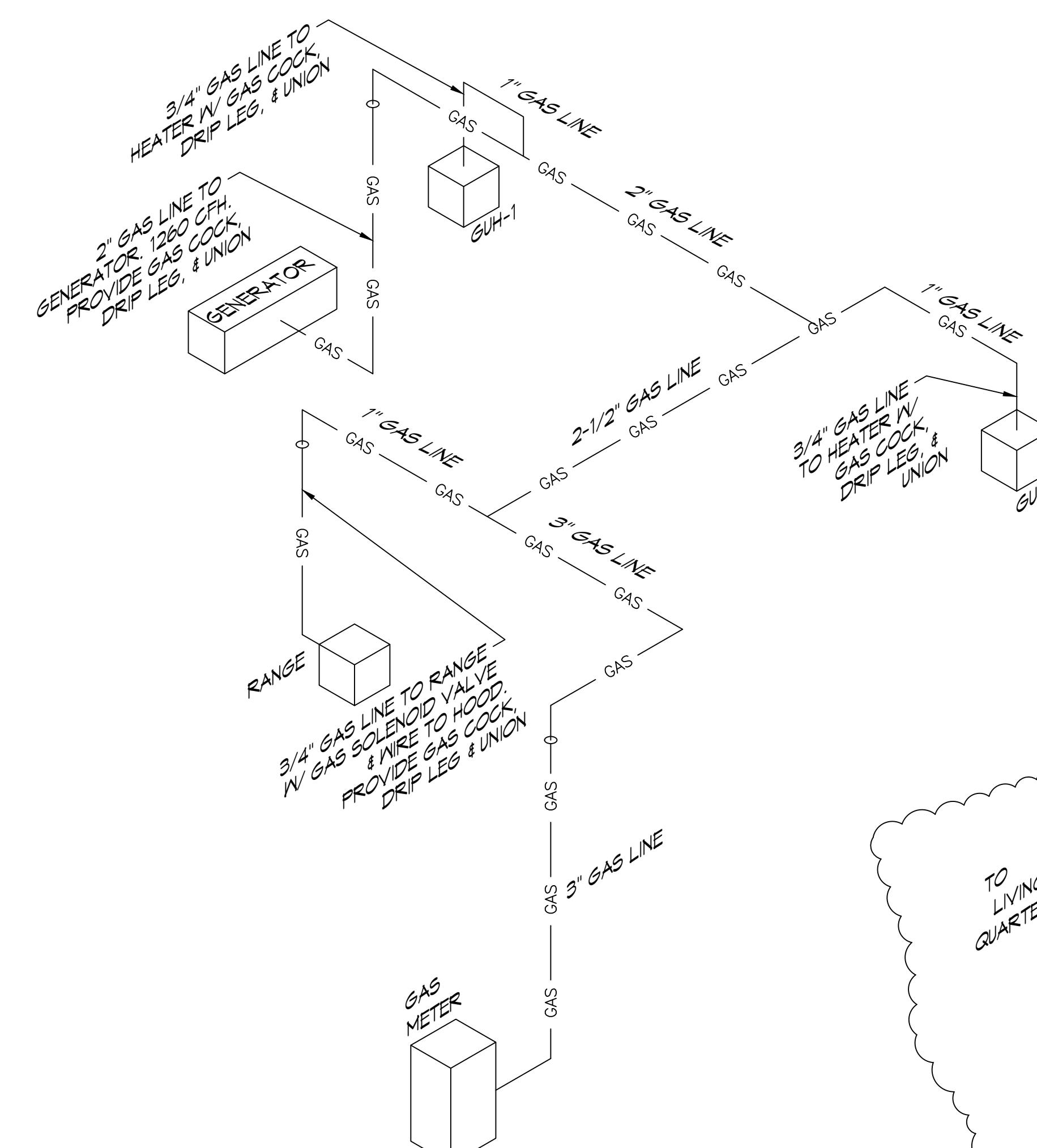
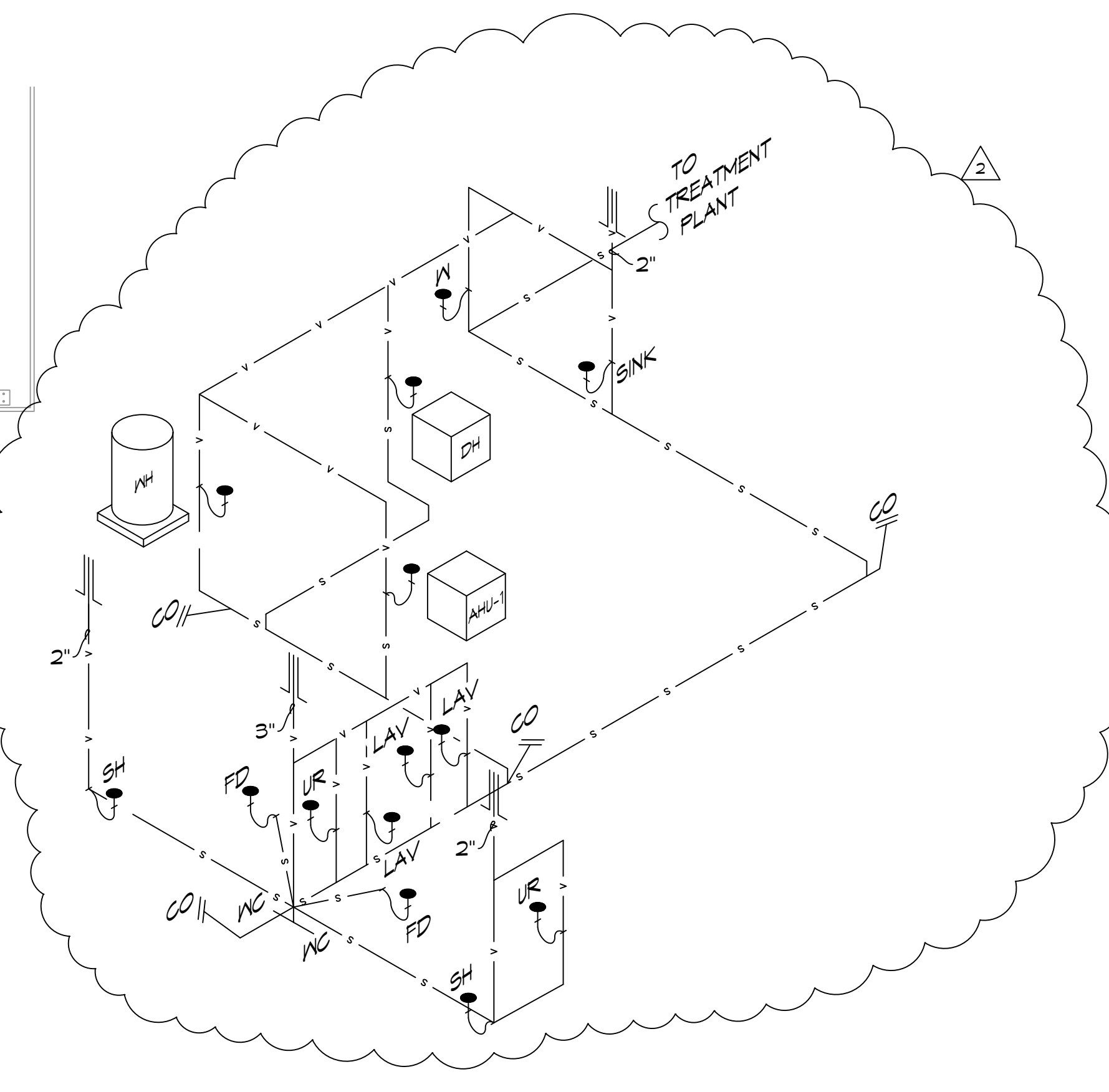
DESCRIPTION	BTU INPUT
RANGE	106,500 @ 3.5" w.c.
GAS HEATER - 1	85,000 @ 3.5" w.c.
GAS HEATER - 2	85,000 @ 3.5" w.c.
GENERATOR	1,299,200
TOTAL BTU	1,469,125

- NOTES:
 1. ALL GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL PIPE. ALL PIPE INSTALLED ON ROOF SHALL BE SUPPORTED ON A PIPE RIER SUPPORT SYSTEM. WOOD BLOCKING NOT ALLOWED.
 2. ALL GAS PIPING IS SIZED FOR A LOW PRESSURE SYSTEM. (< 2 psig OR LESS AND A PRESSURE DROP OF 0.5in. OF WATER COLUMN.)

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	TYPE	ROUGH-IN-SIZES	NOTES
W.C.	H.C. WATER CLOSET	VALVE	4" 4" 1"	3
LAV.	H.C. LAVATORY	WALL HUNG	2" 2" 1/2" 1/2"	1, 2, 3
F.D.	FLOOR DRAIN	-	2" 2" -	4
M.H.	WATER HEATER	-	3/4" 2" 1/2" 1/2"	
WASH	WASHING MACH. DRN	-	2" 2" 1/2" 1/2"	
SINK	KITCHEN SINK DRN.	-	2" 2" 1/2" 1/2"	
A/C	AIR HANDLER DRAIN	-	3/4" 2" -	

- NOTE: ALL PLUMBING LINES ARE SHOWN DIAGRAMATIC.
 FIXTURE NOTES:
 1. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURES.
 2. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 3. FIXTURES SELECTED BY OWNER.



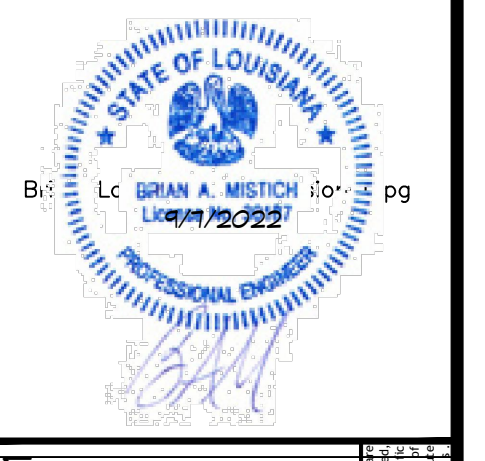
40 PLUMBING DIAGRAM
SCALE: NTS

41 GAS DIAGRAM
SCALE: NTS

42 WASTE DIAGRAM
SCALE: NTS

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#	DESCRIPTION	DATE	REVISIONS
1	Revised Neutral Gas Consumption	7/29/2022	
2	RELOCATED TREATMENT PLANT AND WELL	09-08-22	



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456
 DATE: 05-16-2022
 DRAWN BY: CKD
 CHECKED BY: JMS
 SHEET TITLE: PLUMBING DETAILS AND NOTES
 DRAWING NUMBER: **P102**
 SHEET No: 24 of 30

D:\Projects\2024\24-001\24-001-Mechanical-Plan.dwg
 11/20/2024 10:30 AM
 Brian Mistic
 5704T Allen Road
 Slidell, Louisiana 70461
 PH: 985.649.8832

GENERAL HVAC NOTES

- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROUS GLASS DUCT WRAP WITH FIBER GLASS VAPOR BARRIER, MIN R-6. INSTALLED PER SMACNA STANDARDS. DUCT WORK IMMEDIATELY DOWNSTREAM FROM RTU SHALL BE LINED FOR SOUND ATTENUATION.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
- EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GULLIE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0". SUPPORT FLEX DUCT TO PREVENT SAGGING.
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL A.H.J.S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
- SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
- PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

DAMMON

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#	DESCRIPTION	DATE	REVISIONS
1	Added Location of AirVAC Controller	7/20/2022	
2	RELOCATED WELL HOUSE	09-01-22	



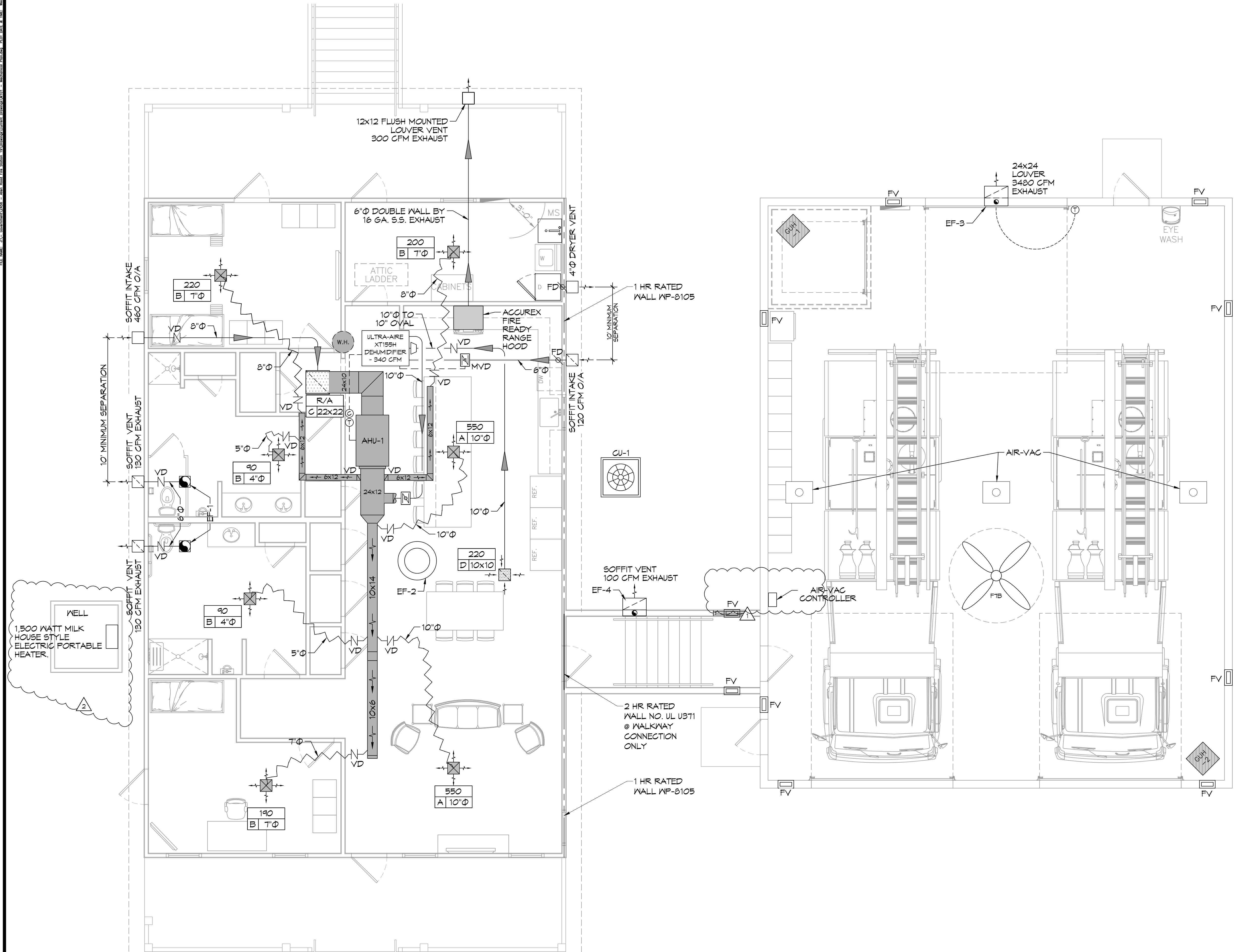
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

FIRE STATION 19

5704T ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456
 DATE: 05-16-2022
 DRAWN BY: C-KD
 CHECKED BY: JMS

HVAC LEGEND

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> RETURN AIR FILTER SUPPLY AIR VENT MINI SPLIT EXHAUST FAN 1 HR RATED WALL CLEAN OUT 8"Ø SHOP FAN - BIG ASS FAN POWERPOLE 8-08 SMART VENT INSULATED FLOOD VENT 1540-520 | <ul style="list-style-type: none"> DAMPER CONTROL MOTORIZED DAMPER BACK DRAFT DAMPER THERMOSTAT DEHUMIDIFIER CONTROLLER GAS FIRED HEATER MODINE PTC-85-55-01 ROUND FLEX DUCT, MAX. LENGTH 12'-0", MIN. R-6. DUCT SIZE AS FOLLOWS:
 250 CFM - 350 CFM = 9"
 200 CFM - 250 CFM = 8"
 150 CFM - 200 CFM = 7"
 100 CFM - 150 CFM = 6" CFM
MK SIZE FIRE DAMPER |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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

AS-BUILT

1-31-24

DRAWING NUMBER:

M101

SHEET No: 25 of 30

SPLIT DX SYSTEM SCHEDULE																				
TAG	MAKE/MODEL	NOMINAL TONS	TOTAL CFM	AIR HANDLER				HEAT KW	POWER				TAG	MAKE/MODEL	NOMINAL TONS	CONDENSING UNIT				REMARKS
				OA CFM	Motor HP	ESP (" WC)	VAC		PH	MCA	MAX FUSE (AMPS)	VAC				PH	MCA	MAX FUSE (AMPS)		
				EA CFM	EA Motor HP	EA ESP (" WC)														
AHU-1	Trane TEM6A0C60	5	1890	460	3/4	0.4	7.6	240	1	44	45	CU-1	Trane 4TT26060	5	240	1	34	60	1, 2, 3	

NOTES:
 1. Provide condensate overflow switch & programmable 7/24 thermostat with lockable curb.
 2. Install units in accordance with manufacturer's recommendations.
 3. Provide new filters after commissioning and final acceptance.

DIFFUSER SCHEDULE				
TAG	SERVICE	NECK SIZE	DESCRIPTION	REMARKS
A	Supply Air	Ref. Plan	24"x 24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
B	Supply Air	Ref. Plan	12"x 12" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
C	Return Air	Ref. Plan	24" X 24" Perforated, Ducted Return, Titus PAR	1, 2, 3
D	Return Air	Ref. Plan	12" X 12" Perforated, Ducted Return, Titus PAR	1, 2, 3

Notes:
 1. Seal perimeter of diffusers/grilles to prevent moisture migration from attic space, as applicable
 2. R value of insulated back panels/plenums to exceed R-6
 3. Coordinate with owner / architect for color and finish

EXHAUST FAN SCHEDULE										
TAG	FAN				POWER			MAKE / MODEL	REMARKS	
	AIRFLOW (CFM)	TSP (" wc)	Watts	HP	TYPE	VAC	PH			HZ
EF-1	130	0.2	98		Ceiling Exhaust	120	1	60	Cook GC-148	1, 2
EF-2	1450	0.1		1/4	Attic Exhaust	120	1	60	Greenheck AE-12-433-A4X-QD	1, 3
EF-3	3480	0.1		1/3	Side Wall Exhaust	120	1	60	Greenheck S2-18-415-A3	1, 4
EF-4	100	0.1		5/7	Side Wall Exhaust	120	1	60	S&P SWF-100	1

NOTES:
 1. Install per manufacturer's recommendations.
 2. Furnish with inline aluminum grille.
 3. Furnish with matching roof curb.
 4. Furnish with OSHA motor guard, weatherhood and backdraft damper.

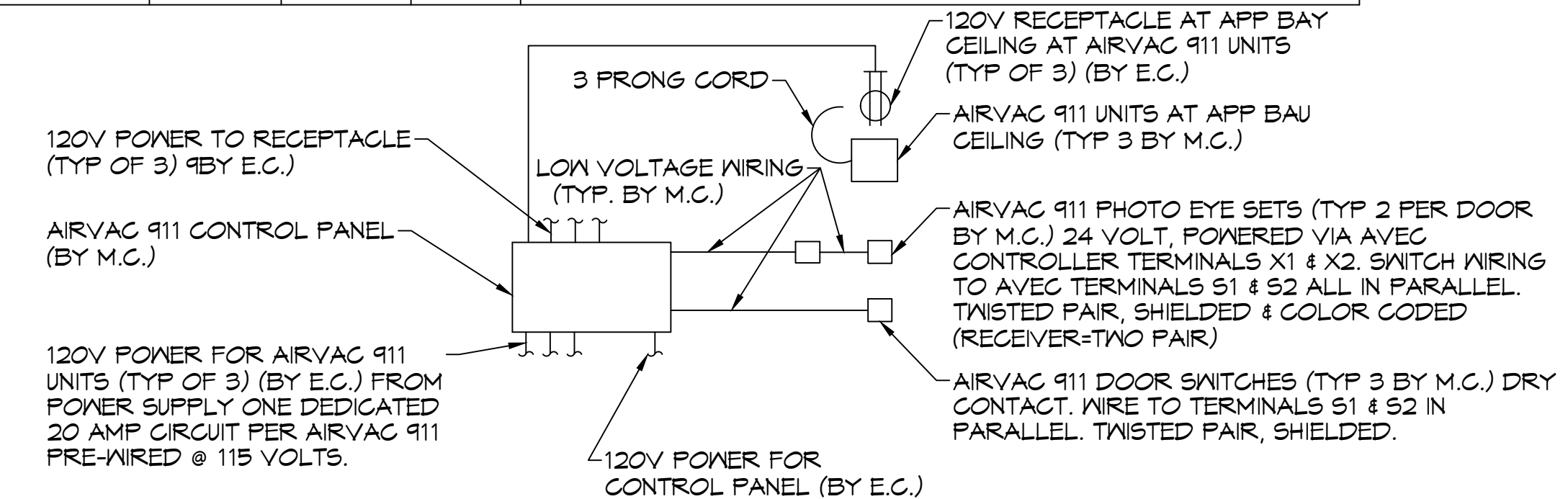
DEHUMIDIFIER SCHEDULE							
TAG	PART NUMBER	WATTS	PHASE	VOLTS	AMPS	DUCT SIZES	
						INLET	OUTLET
DH	ULTRA - AIRE - XT155H	920 @ 80°F & 60% RH	SINGLE	110-120	8	10" ROUND DUCT COLLAR & ROUND DUCT COLLAR	10" OVAL DUCT COLLAR

GAS FIRED HEATER SCHEDULE									
TAG	LOCATION	BTUH INPUT	CFM	HP	VOLTS	PHASE	RPM	FLUE DIA.	DESCRIPTION
GUH-1,2	ENGINE BAY	85000	1650	1/8	120	SINGLE	1550	3"	93% EFFICIENT CONDENSING FURNACE GAS HEATER WITH SEPARATE COMBUSTION, POWERED EXHAUST AND CONCENTRIC COMBUSTION/ EXHAUST KIT PROVIDED OPTONIC 409 SS HEAT EXCHANGER. MODINE FTC-85-SS-01

ELECTRIC WATER HEATER SCHEDULE								
TAG	GAL	RECOVERY 80°F RISE	KW	VOLT	PHASE	MOUNT	PIPE SIZE	DESCRIPTION
WH	47*	61	12	208	SINGLE	ATTIC	1"	RHEEM ELDS-52

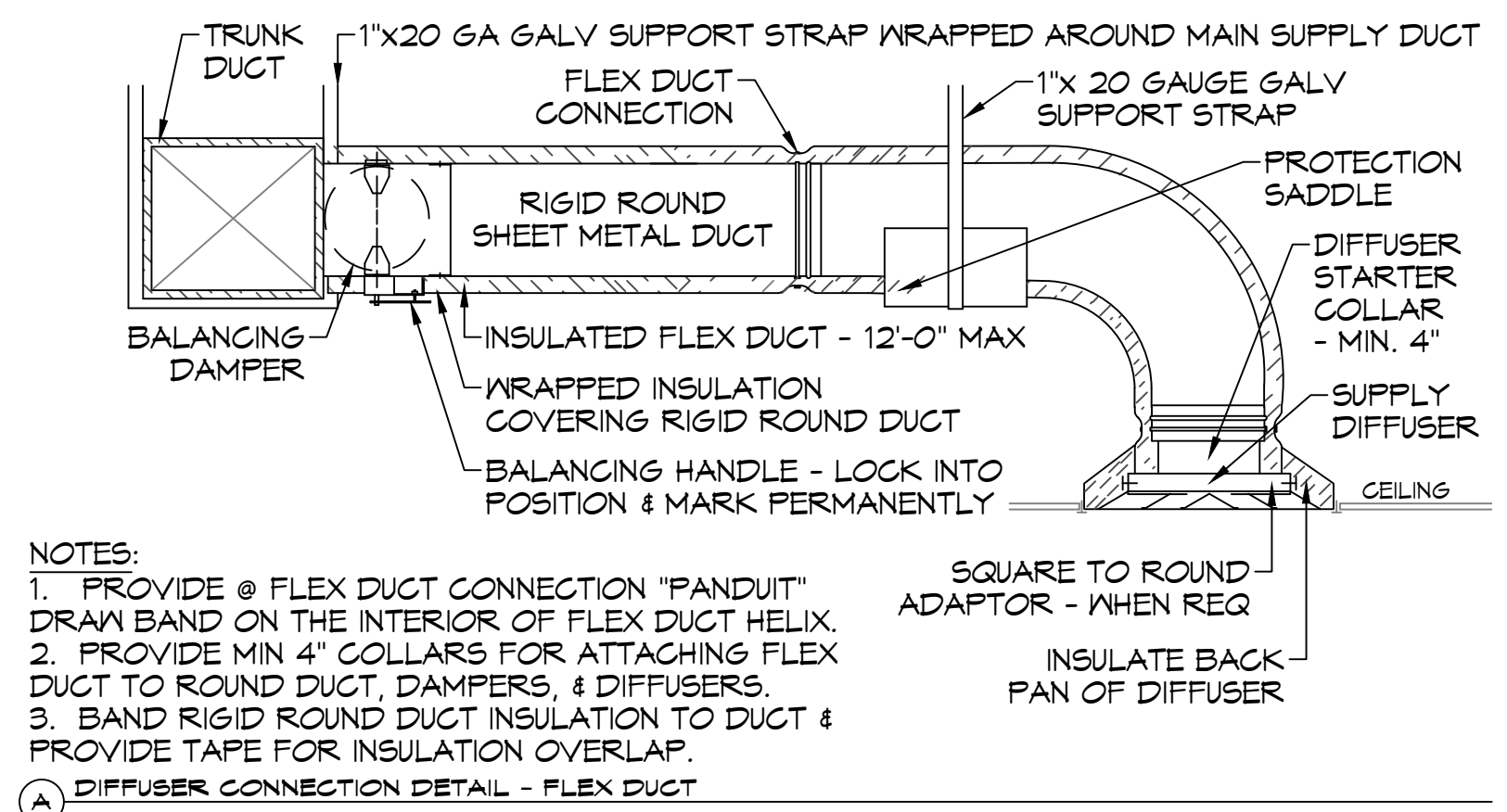
* PROVIDED HOLDRITE 50-SWHP-W WALL MOUNT KIT. MOUNT 6'-8" A.F.F.

AIR VAC EXHAUST			
PART NUMBER	MOTOR	ELECTRIC	QTY
AIR VAC 911 EXHAUST REMOVAL SYSTEM	3/4 HP	115VOLT, SINGLE PHASE, 13 FL AMP5	3



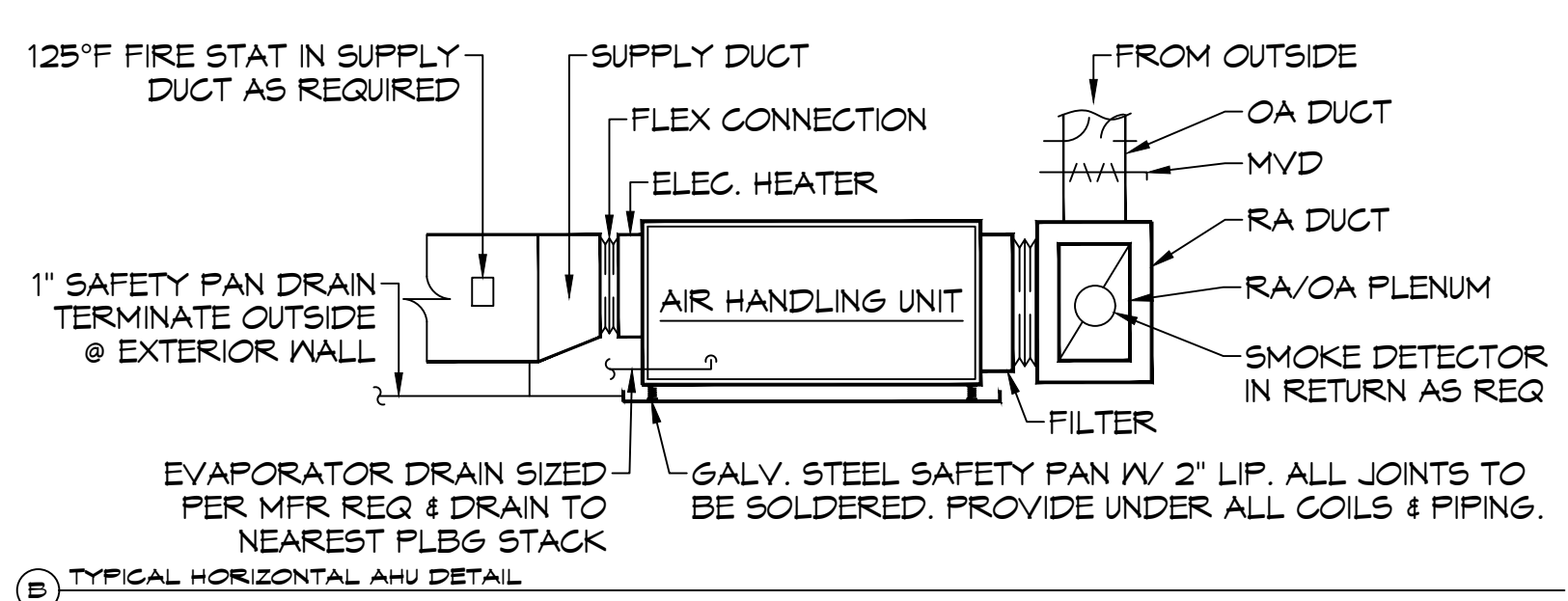
AIRVAC 911 SYSTEM CONTROL DIAGRAM
 SCALE: N.T.S.

HVLS FAN SCHEDULE						
TAG	LOCATION	SIZE	RPM	HP	FR	DESCRIPTION
FTB	ENGINE BAY	8' DIA.	191	1	1	HVLS 8'Ø FAN WITH VFD AND WALL MOUNTED CONTROL PANEL BIG ASS FANS POWERFOL 8-08

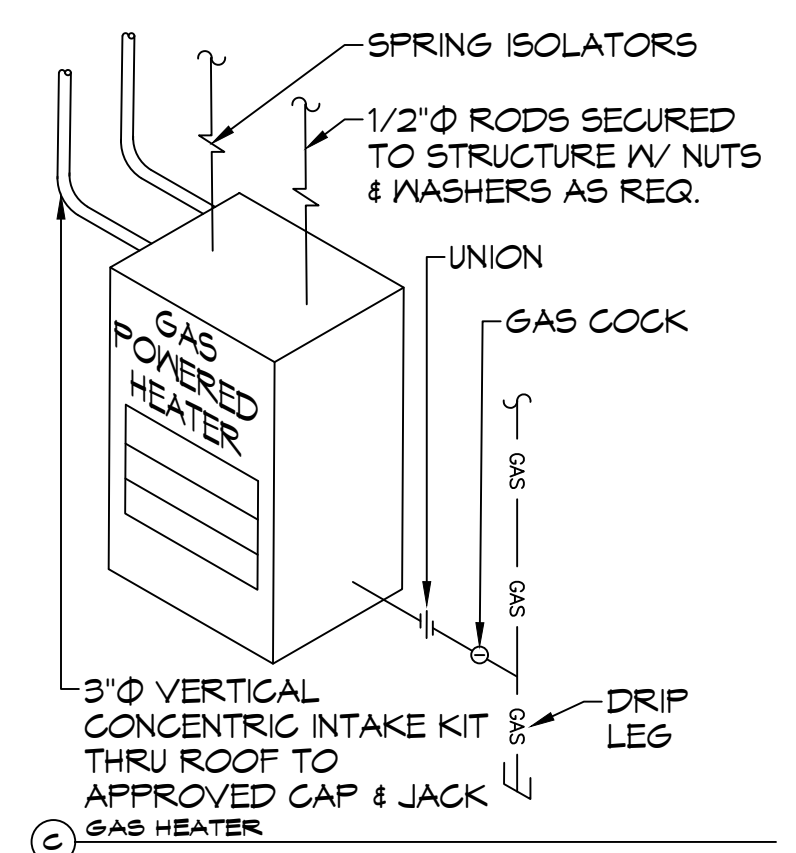


NOTES:
 1. PROVIDE @ FLEX DUCT CONNECTION "PANDUIT" DRAW BAND ON THE INTERIOR OF FLEX DUCT HELIX.
 2. PROVIDE MIN 4" COLLARS FOR ATTACHING FLEX DUCT TO ROUND DUCT, DAMPERS, & DIFFUSERS.
 3. BAND RIGID ROUND DUCT INSULATION TO DUCT & PROVIDE TAPE FOR INSULATION OVERLAP.

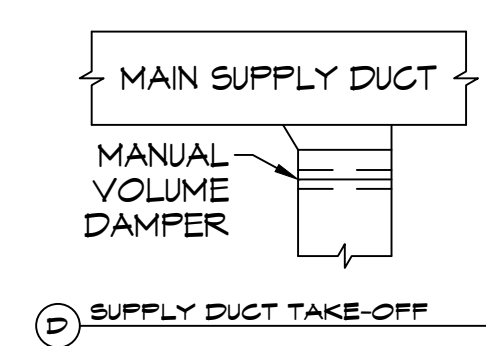
DIFFUSER CONNECTION DETAIL - FLEX DUCT



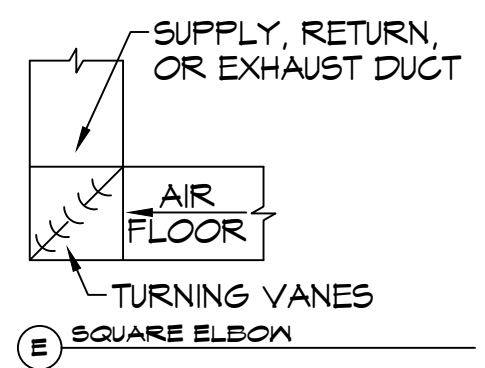
TYPICAL HORIZONTAL AHU DETAIL



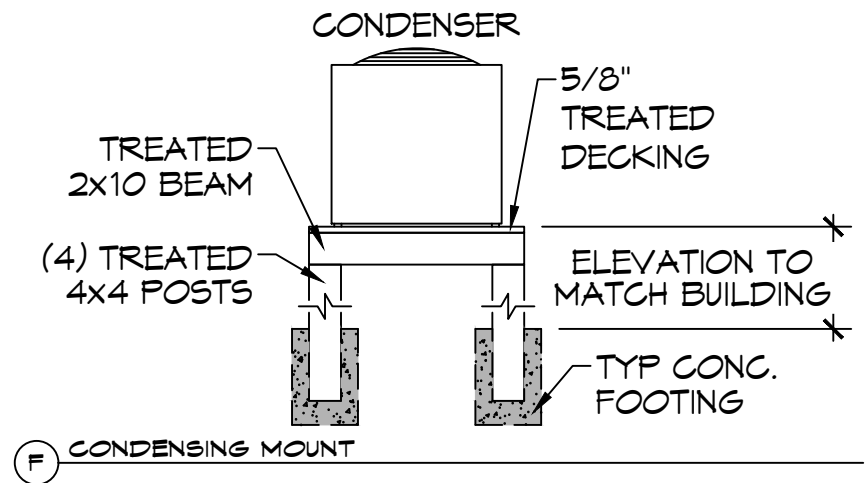
GAS HEATER



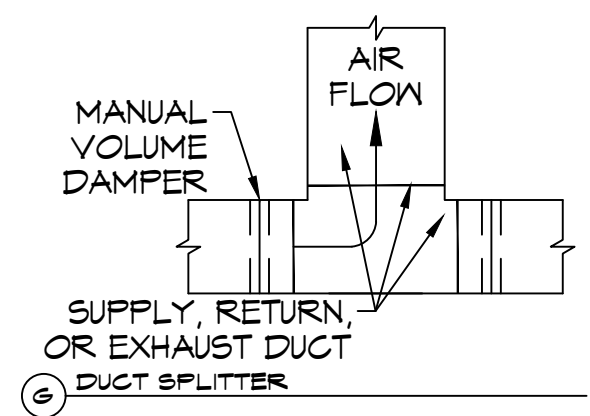
SUPPLY DUCT TAKE-OFF



SQUARE ELEVON



CONDENSING MOUNT



DUCT SPLITTER

TYPICAL DETAILS
 SCALE: N.T.S.

AS-BUILT
 1-31-24

M102

DAMMON ENGINEERING, INC.
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 Chief Engineer: Brian Mistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
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REVISIONS	DATE
# DESCRIPTION	



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 5704T ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No. 2456
 DATE: 05-16-2022
 DRAWN BY: KCD
 CHECKED BY: JMS

SHEET TITLE:
 MECHANICAL DETAILS AND SCHEDULES

DRAWING NUMBER:

GENERAL LIGHTING NOTES

- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, & LOCAL CODES, RULES, REGULATIONS, & REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
- GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING & ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT & ENGINEER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION & MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT & ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS & THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE & LOCATION OF DEVICES AND/OR FIXTURES.
- WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS & HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
- ALL 120V RUNS LONGER THAN 60' SHALL BE #10 AWG & 277V RUNS LONGER THAN 150' SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- ALL CONDUCTORS SHALL BE COPPER.
- WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
- MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY & THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, & 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT & LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
- WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON & SHALL BURN CONTINUOUSLY.
- ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS & CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.136.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION & ALARM COMPANY TO DESIGN & INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL & THE FIRE DISTRICT.

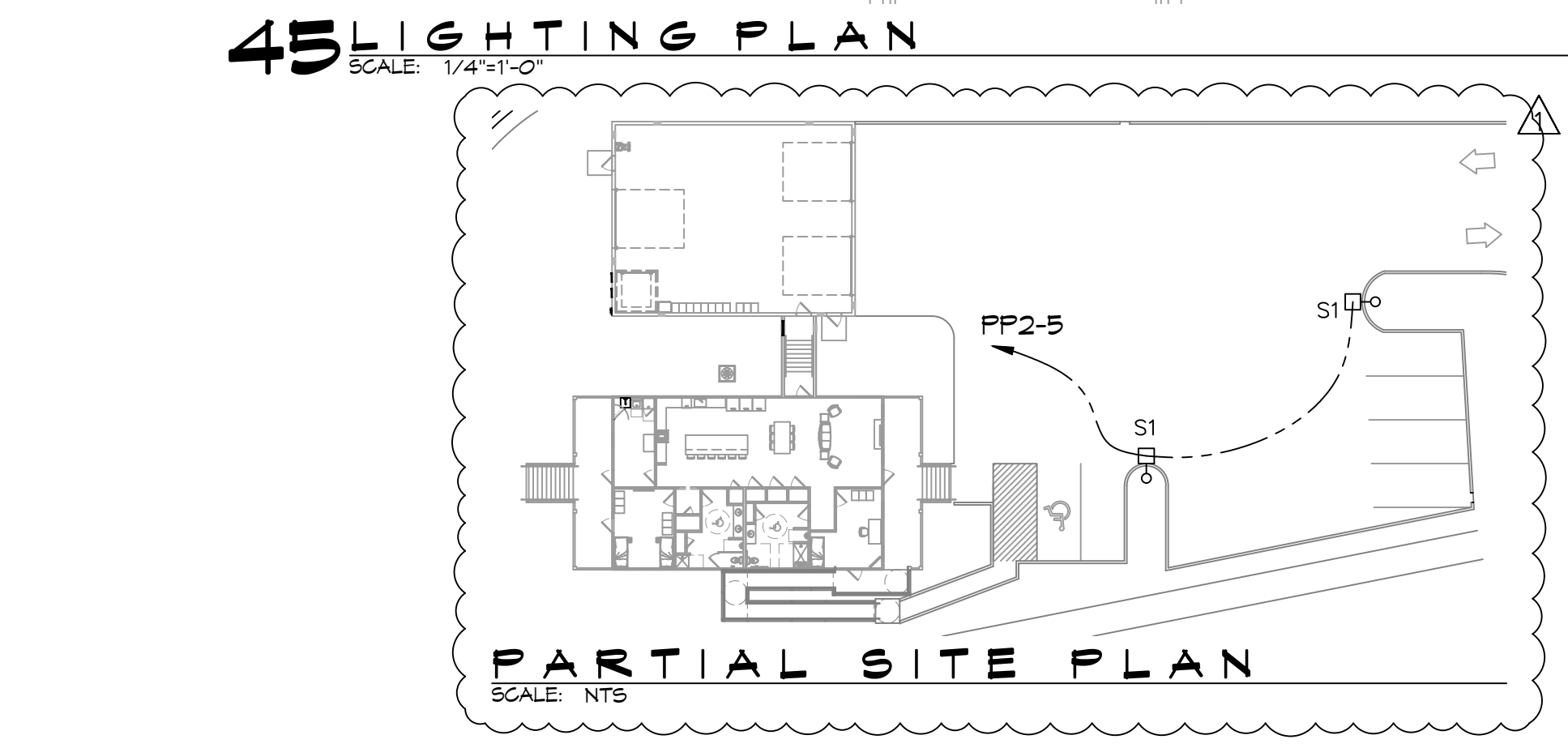
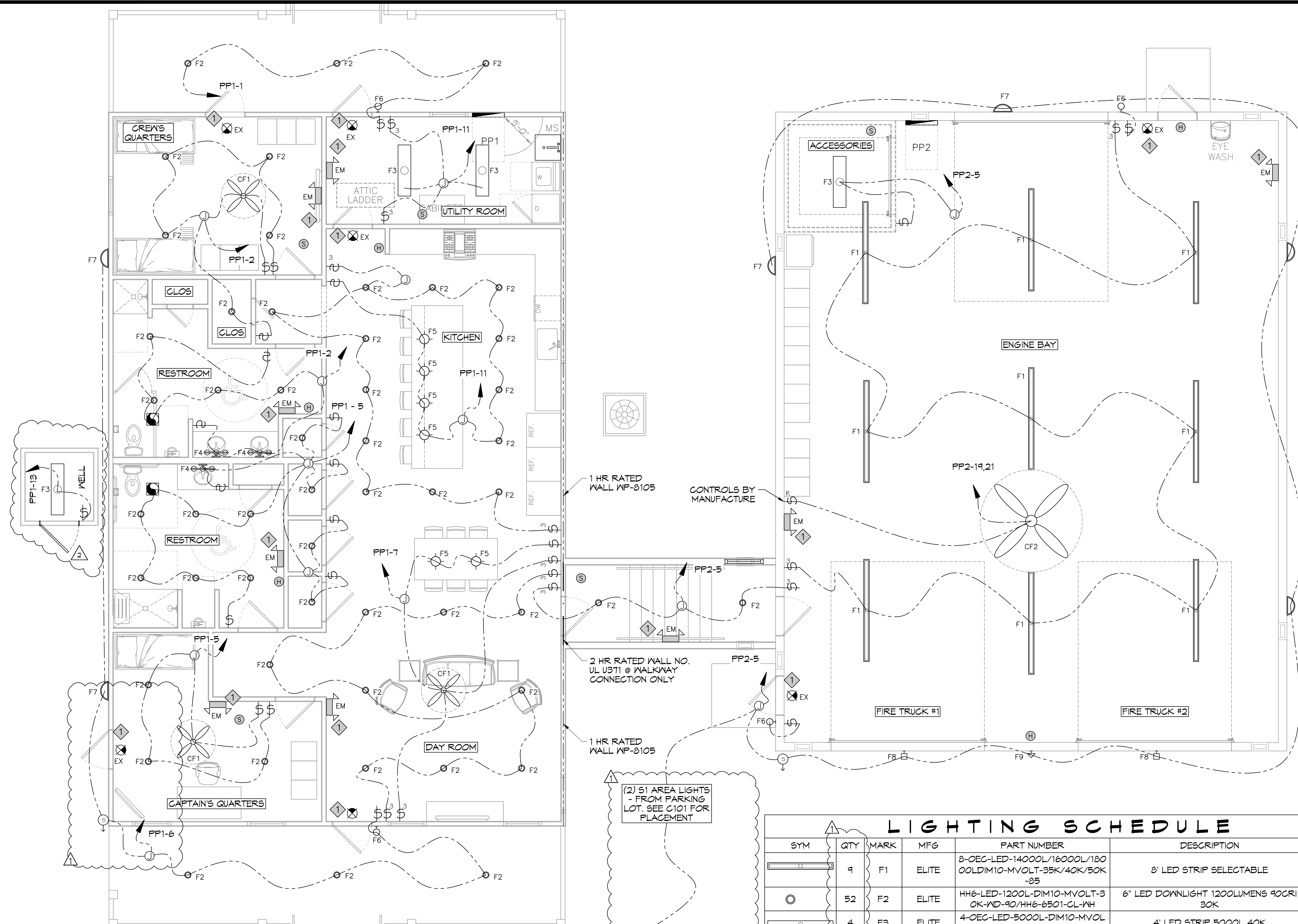
KEYED NOTES

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

LIGHTING LEGEND

- | | | | |
|----|-----------------------|---|-----------------------------|
| ⊕ | LIGHT SWITCH | ⊕ | HEAT DETECTOR |
| ⊕R | RHEOSTAT LIGHT SWITCH | ⊕ | JUNCTION BOX |
| ⊕3 | 3-WAY LIGHT SWITCH | ⊕ | DAYLIGHT SENSOR |
| ⊕ | SMOKE DETECTOR | ⊕ | EXHAUST FAN - SEE MECH PLAN |
| | | ⊕ | HOME RUN |

AS-BUILT
1-31-24



LIGHTING SCHEDULE

SYM	QTY	MARK	MFG	PART NUMBER	DESCRIPTION	HEIGHT
⊕	9	F1	ELITE	8-OEC-LED-14000L/16000L/18000L-DIM10-MVOLT-35K/40K/50K-85	8' LED STRIP SELECTABLE	
⊕	52	F2	ELITE	HH6-LED-1200L-DIM10-MVOLT-3 OK-ND-90/HH6-6501-CL-VH	6" LED DOWNLIGHT 1200LUMENS 90CRI 30K	9' AFF
⊕	4	F3	ELITE	4-OEC-LED-5000L-DIM10-MVOL T-40K-85	4' LED STRIP 5000L 40K	9' AFF
⊕	3	F4	ELITE	ECH-BL-LED-1003-3	24" VANITY LED LIGHT	9' AFF
⊕	6	F5	ELITE	ECH-PL-1025	12" PENDANT	
⊕	4	F6	LIGHT ALARMS	CAMACSDDB-CMP	LED EXT WALL LIGHT - EGRESS	9' AFF
⊕	6	F7	ORION LIGHTING	LSWF1-A1(3000LUMENS)-UNV-FD-8CS(30K)XX-BB-SP	LED WALLPACK 3000 LUMENS 30K BATTERY BACKUP	7' AFF
⊕	2	F8	ALUMILITE	AR14-12/LED-JV-30K-XX-P6-SS-CCA	14" RLM 12W LED STRAIGHT SHROUD 30K PRISMATIC GLASS NET	14'
⊕	1	F9	ALUMILITE	AR14-12/LED-JV-30K-XX-P6-SC A	14" RLM 12W LED ANGLED SHROUD 30K PRISMATIC GLASS NET	11'
⊕	3	CF1	MINKA AIRE	MINKA AIRE F546-B5	42" 5 BLADE INDOOR CEILING FAN	
⊕	1	CF2	BIG ASS FANS	BIG ASS FAN POWERFOIL 8-08	8' DIAMETER INDUSTRIAL FAN	
⊕	7	EX	ELITE	ELX-603 -R-W	LED EXIT	
⊕	9	EM	ELITE	ELM-LED-803-W	LED EMG LIGHT W/BATTERY BACKUP	
⊕	2	S1	ORION LIGHTING	IAHP1-A1-UNV-FD-T30-XX-T4-T52 -SP	AREA LIGHT TYPE IV, 30K, 76W 13000 LUMENS ON 16' SQUARE STRAIGHT STEEL POLE. SEE SIGHT PLAN FOR PLACEMENT	

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

FIRE STATION 19

DATE: 05-16-2022
CHECKED BY: C&C

DATE: 07-28-2022
REVISIONS: 1 REVISED LIGHTING
2 RELOCATED WELL

DATE: 09-07-22

DATE: 05-16-2022
DRAWN BY: C&C

SHEET TITLE: LIGHTING PLAN

DRAWING NUMBER:

57047 ALLEN ROAD
SLIDELL, LOUISIANA 70461

2495

www.dammonengineering.com
info@dammon.com
PH: 985.649.5832

Engineer: Brian Mistic, PE
Sixty One South Frail
Slidell, LA 70488

E102

SHEET No: 26 of 30

PANEL SCHEDULE

PANEL: MDP
 LOCATION: BLDG. WALL EXTERIOR NEAR GENERATOR
 FEEDER SOURCE: ATS
 VOLTAGE: 240/120V, 400A, 1Φ, 3W W/MB
 ENCLOSURE: NEMA 3R SURFACE MOUNTED W/ EQUIP. GND BAR SQ D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (kva)	AΦ	BΦ	LOAD (kva)	BREAKER		LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
			AMP	POLE					POLE	AMP			
1	4/0	PP1	200	2	29.9			7.7	2	200	PP2	4/0	2
3					26.6			11.5					4
5		SPARE	20	1	-			-	-	-	SPACE		6
7		SPARE	20	1	-			-	-	-	SPACE		8
9		SPACE	-	-	-			-	-	-	SPACE		10
11		SPACE	-	-	-			-	-	-	SPACE		12

SOLID NEUTRAL NEUTRAL WIRE (N)
 TOTAL CONNECTED LOAD (kva) = 75.7
 GROUND BUS GROUND WIRE (G)
 A PHASE = 37.6 kva B PHASE = 38.1 kva

PANEL SCHEDULE

PANEL: PP1
 LOCATION: UTILITY CLOSET
 FEEDER SOURCE: MDP
 VOLTAGE: 240/120V, 200A, 1Φ, 3W W/MLO
 ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (kva)	AΦ	BΦ	LOAD (kva)	BREAKER		LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
			AMP	POLE					POLE	AMP			
1	#12	CREW QTR & PORCH OUTLETS, PORCH LIGHTS	20	1	1.4			1.5	1	20	CREW QTR OUTLETS & LIGHTS	#12	2
3	#12	DEDICATED OUTLETS, COMM	20	1	0.4			0.4	1	20	DEDICATED OUTLETS, COMM	#12	4
5	#12	CAPTAIN QTR OUTLETS & LIGHTS	20	1	1.7			1.4	1	20	CAPTAIN QTR & DAYROOM OUTLETS & PORCH LIGHTS	#12	6
7	#12	DAYROOM OUTLETS & LIGHTS	20	1	1.4			1.1	1	20	DEDICATED, REFRIG	#12	8
9	#12	DEDICATED, REFRIG	20	1	1.1			1.1	1	20	DEDICATED, REFRIG	#12	10
11	#12	KITCHEN OUTLET & LIGHTS	20	1	1.5			1.4	1	20	DISHWASHER & GARBAGE DISPOSAL	#12	12
13	#12	WELL HOUSE	20	1	1.7			0.6	1	20	KITCHEN OUTLETS	#12	14
15	#12	ULTRA-AIRE XT155H DEHUMIDIFIER	20	1	1.0			1.4	1	20	GAS RANGE	#12	16
17	#12	RANGE HOOD CONTROLS *	15	1	1.1			1.1	1	15	RANGE HOOD LIGHTS *	#12	18
19	#12	ATTIC FAN AND OUTLET	20	1	1.5			1.3	2	30	WELL PUMP **	#10	20
21	#12	WASHING MACHINE	20	1	.7			1.3	2	30	LAUNDRY DRYER	#10	22
23	#6	AHU, 5TON, 7.5 kw HEAT	45	2	5.3			3.6	2	30	5 TON CONDENSER	#6	24
25					5.3			3.6					26
27	#10	WATER HEATER	30	2	2.2			4.1	2	60			28
29					2.2			4.1					30

SOLID NEUTRAL NEUTRAL WIRE (N)
 TOTAL CONNECTED LOAD = 56.5 kva
 GROUND BUS GROUND WIRE (G)
 AΦ = 29.9 kva BΦ = 26.6 kva

* NOTE : RANGE HOOD WIRING SHALL BE HIGH TEMPERATURE RATED AND INSTALLED IN EMT OR FLEX CONDUIT PER MANUFACTURERS RECOMMENDATION.
 ** INSTALL BREAKER TO MATCH EQUIPMENT INSTALLED.

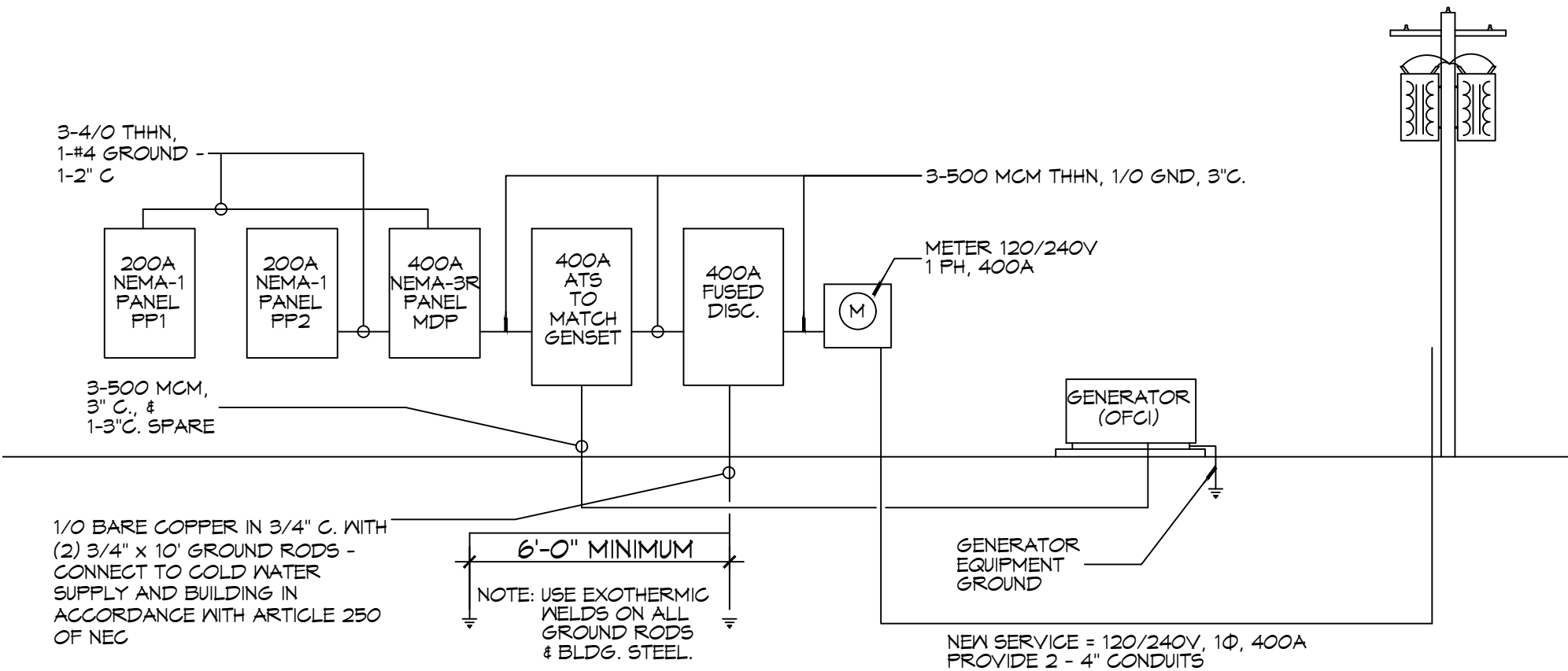
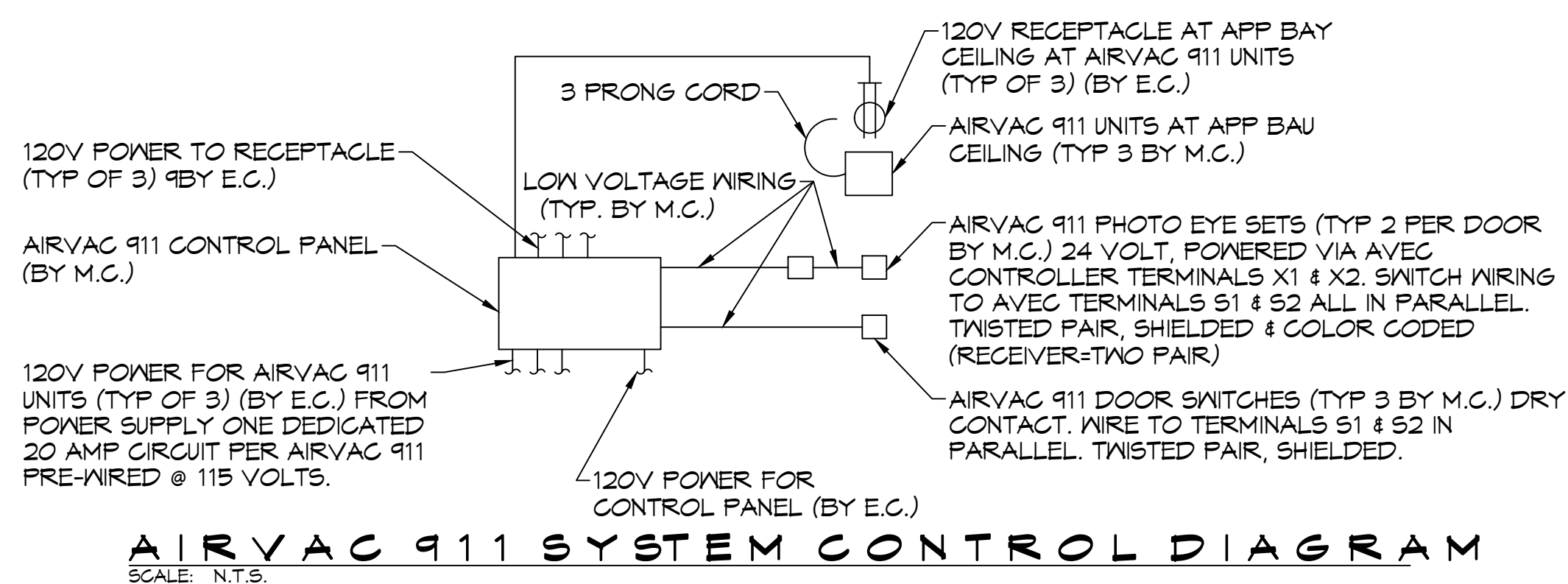
PANEL SCHEDULE

PANEL: PF2
 LOCATION: ENGINE BAY
 FEEDER SOURCE: MDP
 VOLTAGE: 240/120V, 200A, 1Φ, 3W W/MLO
 ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER		LOAD (kva)	AΦ	BΦ	LOAD (kva)	BREAKER		LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT NO
			AMP	POLE					POLE	AMP			
1	#12	OUTLETS AND EXHAUST FAN	20	1	1.1			1.1	1	20	GAS FIRED HEATER	#12	2
3	#12	OUTLETS	20	1	0.7			1.1	1	20	GAS FIRED HEATER	#12	4
5	#12	LIGHTS	20	1	1.0			0.2	1	20	DEDICATED WEATHER-PROOF RECEPTACLE GENERATOR (BLOCK HEATER)	#12	6
7	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN ENGINE BAY	20	1	0.9			0.2	1	20	GENERATOR BATTERY CHARGER	#12	8
9	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN ENGINE BAY	20	1	0.9			-	1	20	SPARE	#12	10
11	#12	JUNCTION BOX (# 2-WAY SWITCH) FOR ROLLUP DOOR IN ENGINE BAY	20	1	0.9			1.8	1	30	ICE MAKER **	#10	12
13		SPARE	-	-	-			-	1	20	SPARE	#12	14
15	#12	SEWAGE TREATMENT	20	1	1.5			-	1	20	SPARE	#12	16
17		SPACE	-	-	-			-	1	20	SPARE	#12	18
19	#10	BIG ASS FAN	15	2	1.2			0.5	2	10	ENGINE BAY EXHAUST FAN **	#12	20
21					1.2			0.5					22
23		SPACE	-	-	-			1.0	1	20	AIR VAC EXHAUST REMOVAL CONTROLLER	#12	24
25		SPACE	-	-	-			1.7	1	20	AIR VAC EXHAUST REMOVAL ***	#12	26
27		SPACE	-	-	-			1.7	1	20	AIR VAC EXHAUST REMOVAL ***	#12	28
29	#12	SPARE	20	1	-			1.7	1	20	AIR VAC EXHAUST REMOVAL ***	#12	30

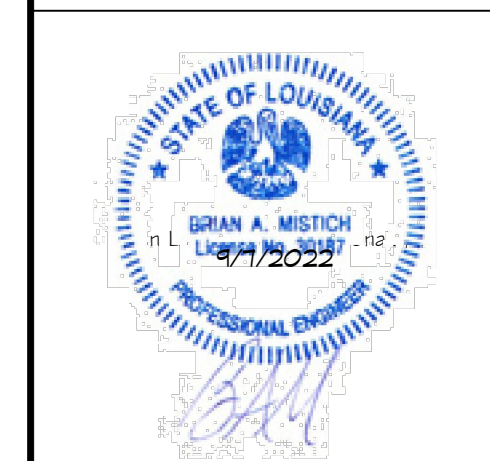
SOLID NEUTRAL NEUTRAL WIRE (N)
 TOTAL CONNECTED LOAD = 19.2 kva
 GROUND BUS GROUND WIRE (G)
 AΦ = 7.7 kva BΦ = 11.5 kva

** INSTALL BREAKER TO MATCH EQUIPMENT INSTALLED.
 *** WIRE OUTLET THRU CONTROL PANEL



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REVISIONS	DATE	DESCRIPTION
1	7/28/2022	Revised PP2
2	09/07/2022	Relocated Well House and Treatment Plant



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456
 DATE: 05-16-2022
 DRAWN BY: C&D
 CHECKED BY: BAW

SHEET TITLE:
 PANEL SCHEDULE AND ONE LINE DIAGRAM

DRAWING NUMBER:

AS-BUILT
 1-31-24
E104

GENERAL NOTES

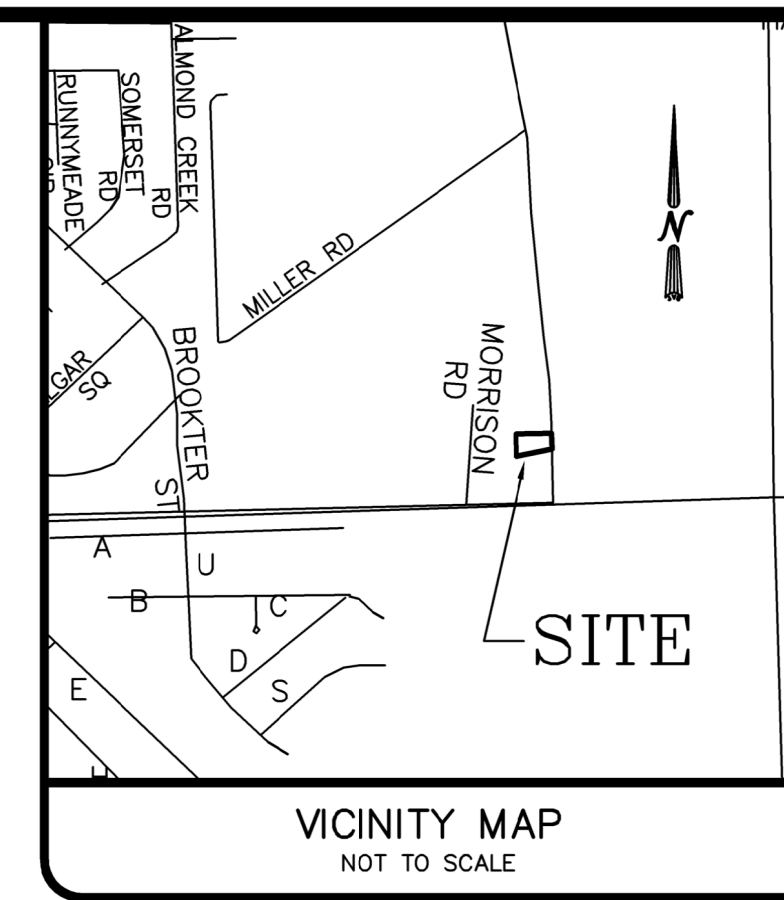
THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES OR STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES OR STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES OR STRUCTURES.

I HAVE CONSULTED THE FLOOD INSURANCE RATE MAPS AND FOUND THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA.
 F.I.R.M. COMMUNITY MAP NO. 225205_0440.D, DATED: 04/21/1999.
 FLOOD ZONE: A10; BASE FLOOD ELEVATION: 9.0'

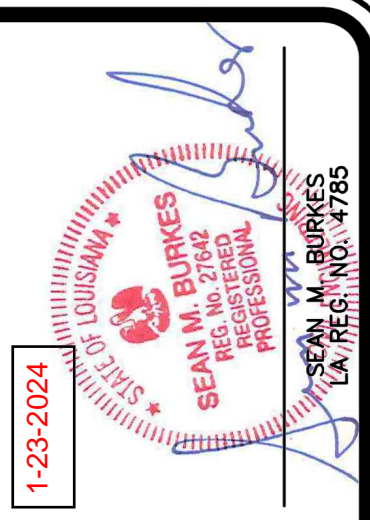
GRAPHIC SCALE



(IN FEET)
 1 inch = 30 ft.



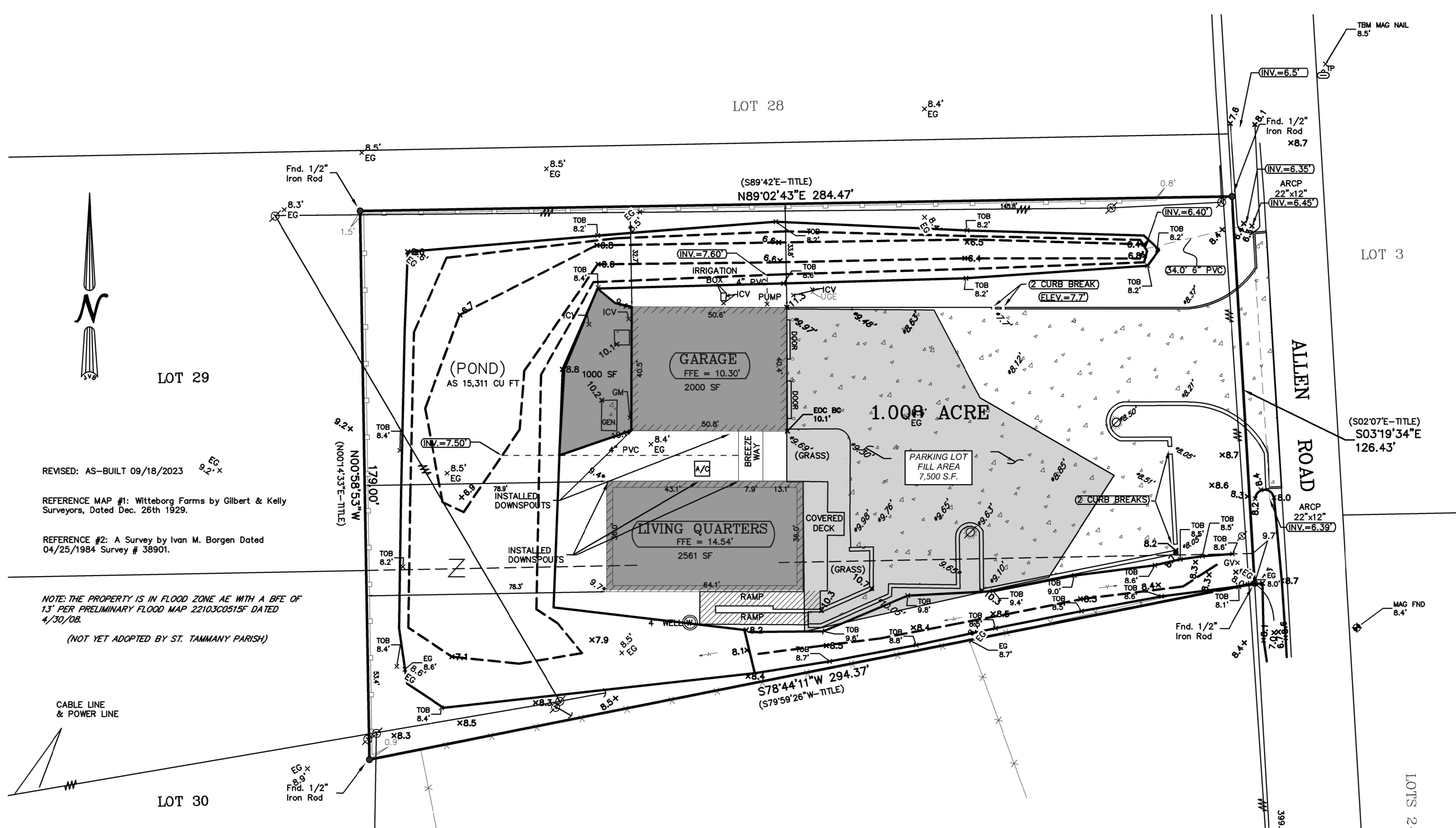
VICINITY MAP
 NOT TO SCALE



J.V. Burkes & Associates, Inc.
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 Slidell, Louisiana 70458
 E-mail: jvbassoc@jvburkes.com
 Phone: 985-649-0075 Fax: 985-649-0154

AN AS-BUILT SURVEY MAP OF A 1.008 AC. PORTION OF LOTS 29-30, WITTEBERG FARMS S/D IN SECTION 13, T-9-S, R-14-E, GREENSBURG LAND DISTRICT, ST. TAMMANY PARISH, LOUISIANA

SCALE: 1" = 30'
 DATE: 1/23/2024
 DRAWN BY: VLL CHECKED BY: SBF
 DWG. NO. 20220627
 SHEET 1 OF 1



LEGEND

	SEWER MANHOLE, SEWER LINE
	WATER MANHOLE, WATER LINE
	DRAIN MANHOLE, DRAIN LINE
	DRAIN INLET, DRAIN LINE
	UNDER GROUND ELECTRIC
	IRRIGATION CONTROL VALVE
	POWER POLE / OVERHEAD LINES
	ELEC. TOWER / OVERHEAD LINES
	CATCH BASIN
	LIGHT STANDARD
	TRAFFIC LIGHT
	TELE., ELEC., CATV PEDESTAL
	GAS METER
	GAS VALVE
	SEWER, DRAIN CLEANOUT
	FIRE HYDRANT
	GUY WIRE ANCHOR
	SIGN
	BOLLARD
	MAILBOX
	TREE
	SHRUB
	FENCE
	WOODEN FENCE
	AS-BUILT ELEVATION
	DRAINAGE DESIGN
	DESIGN ELEVATION
	AS-BUILT FINISHED ELEVATION
	ORIGINAL NATURAL GROUND

Garage Area
 2000 sf x (Ex 8.5 - Average AS 10.3) = 133 cu yd
 Additional area to ditch = 1/2 x (1000 sf x (Ex 8.5 - Average AS 10.1)) = 29 cu yd
Total = 162 cu yd

Living Quarters
 2561 sf x (Ex 8.5 - Average AS 9.6) = 104 cu yd

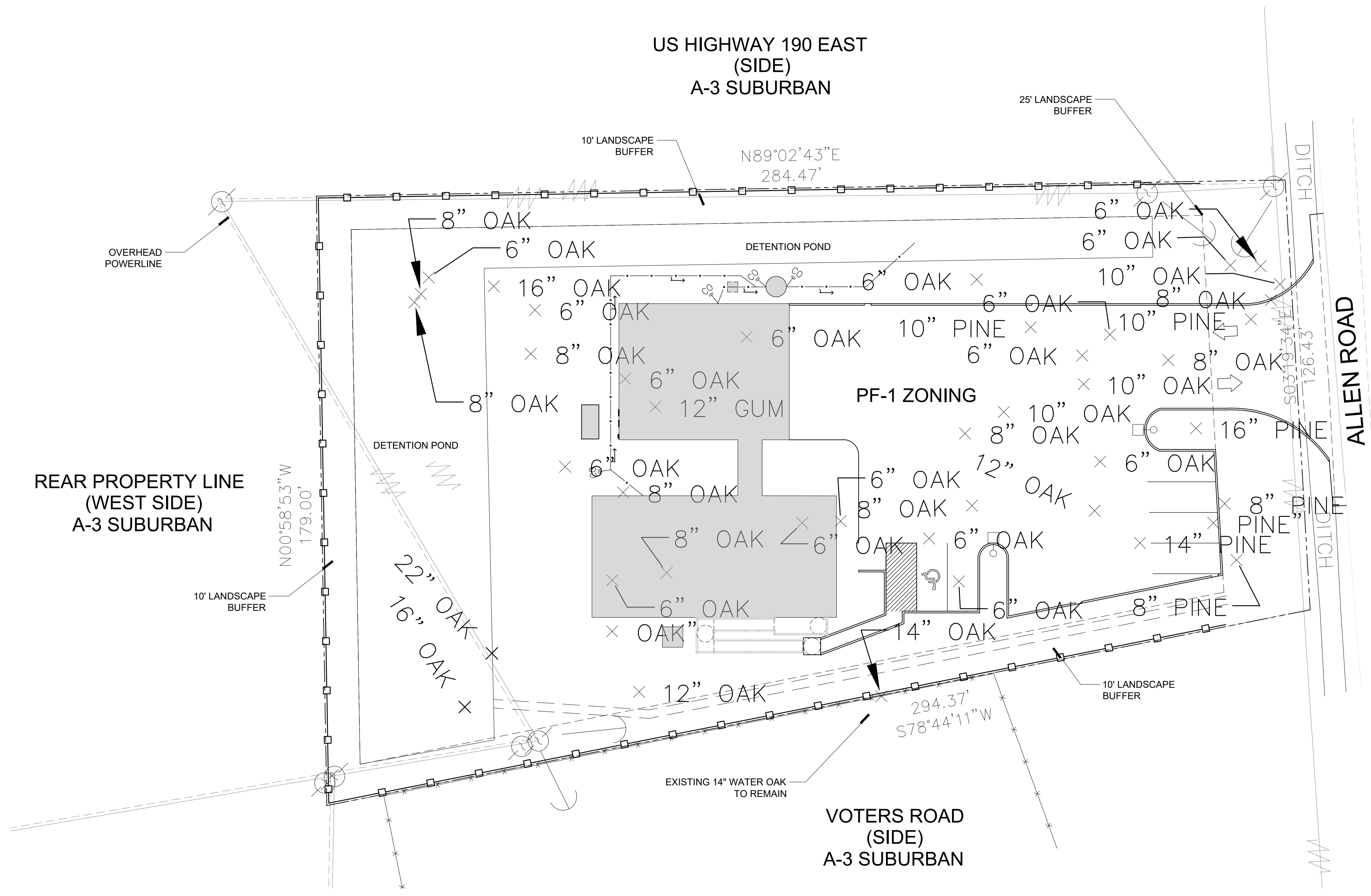
Parking Lot and landscape Area
 = 1/2 x (7500 sf x (Ex 8.5 - Average AS 10.0)) = 208 cu yd

CUT/Fill MITIGATION VOLUME BFE = 13

Name	2d Area	DEPTH	Cut	Fill	Net
GARAGE + AREA	2000 + 1000 Sq. Ft.	0.00 Cu. Yd.	133 + 29 Cu. Yd.	162 Cu. Yd.<Fill>	
Quarters & ADD AREA	2561 Sq. Ft.	0.00 Cu. Yd.	104 Cu. Yd.	104 Cu. Yd.<Fill>	
Parking lot & landscape	7500 Sq. Ft.	0.00 Cu. Yd.	208 Cu. Yd.	208 Cu. Yd.<Fill>	
Required Pond Storage			1525 Cu. Ft.	56 Cu. Yd.<Fill>	
Pond TOTAL STORAGE	12474 SF. Ft.	567 Cu. Yd.	0.00 Cu. Yd.	567 Cu. Yd.<Cut>	
Total					37 Cu. Yd.<CUT>

CERTIFICATION
 I CERTIFY THAT THIS PLAT DOES REPRESENT AN ACTUAL GROUND SURVEY AND THAT TO THE BEST OF MY KNOWLEDGE NO ENCROACHMENTS EXIST EITHER WAY ACROSS ANY OF THE PROPERTY LINES, EXCEPT AS SHOWN. ENCUMBRANCES SHOWN HEREON ARE NOT NECESSARILY EXCLUSIVE. ENCUMBRANCES OF RECORD AS SHOWN ON TITLE OPINION OR TITLE POLICY WILL BE ADDED HERETO UPON REQUEST, AS SURVEYOR HAS NOT PERFORMED ANY TITLE SEARCH OR ABSTRACT.
 PROPERTY IS SURVEYED IN ACCORDANCE WITH THE LOUISIANA "STANDARDS OF PRACTICE FOR PROPERTY BOUNDARY SURVEYS" FOR A CLASS C SURVEY. BEARINGS ARE BASED ON RECORD BEARINGS UNLESS NOTED OTHERWISE.

D:\SURVEYS\2022\LOT SURVEY\WITTEBERG FARMS\20220627 - Lot 29-30 - ST. TAMMANY PARISH\20220627 - 4B12.dwg

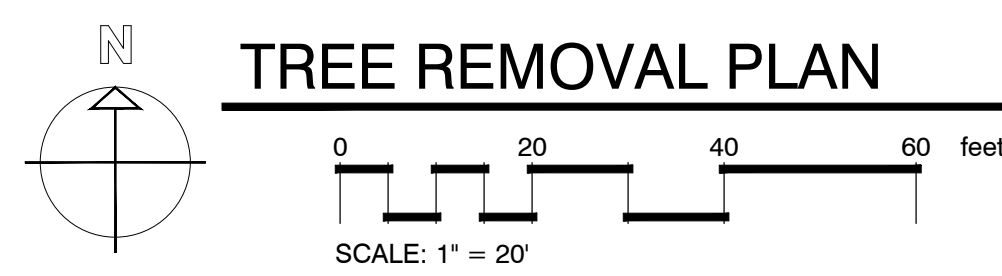


REAR PROPERTY LINE
(WEST SIDE)
A-3 SUBURBAN

US HIGHWAY 190 EAST
(SIDE)
A-3 SUBURBAN

VOTERS ROAD
(SIDE)
A-3 SUBURBAN

ALLEN ROAD



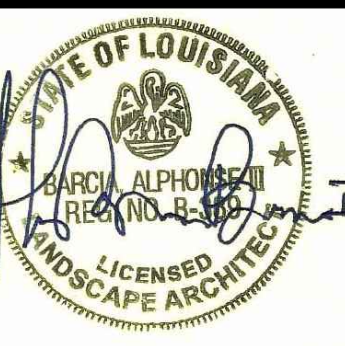
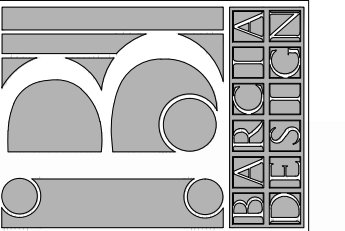
TREE REMOVAL PLAN

LANDSCAPE CALCULATIONS

ALLEN ROAD (ROW)	
25' LANDSCAPE BUFFER	= 126.43'/30= 4.3 TREES
4A TREES AND 4B TREES REQUIRED	4A TREES AND 4B TREES PROVIDED
12 SHRUBS REQUIRED	12 SHRUBS PROVIDED
US HIGHWAY 190 EAST (SIDE)	
10' LANDSCAPE BUFFER	= 274.47'/30=9.1 TREES
9A TREES AND 9B TREES REQUIRED	9A TREES AND 9B TREES PROVIDED
REAR PROPERTY LINE (WEST SIDE)	
10' LANDSCAPE BUFFER	= 179'/30=5.9 TREES
9A TREES AND 9B TREES REQUIRED	9A TREES AND 9B TREES PROVIDED
VOTERS ROAD (SIDE)	
10' LANDSCAPE BUFFER	= 294.37'/30=9.8 TREES
9A TREES AND 9B TREES REQUIRED	7A TREES AND 9B TREES PROVIDED
	2 EXISTING TREE CREDIT

IF DRAWING IS NOT 24" X 36" SCALE ACCORDINGLY

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9-9-2022

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FIRE DISTRICT #1

ALLEN ROAD
St. Tammany Parish - Louisiana 70461

Sheet Title: Tree Removal Plan

JOB No.:

SCALE: AS SHOWN

DRAWN BY: AB3

CHECKED BY: AB3

SHEET:

LS-0

REV:

DATE: SEPTEMBER 9TH 2022

US HIGHWAY 190 EAST
(SIDE)
A-3 SUBURBAN

REAR PROPERTY LINE
(WEST SIDE)
A-3 SUBURBAN

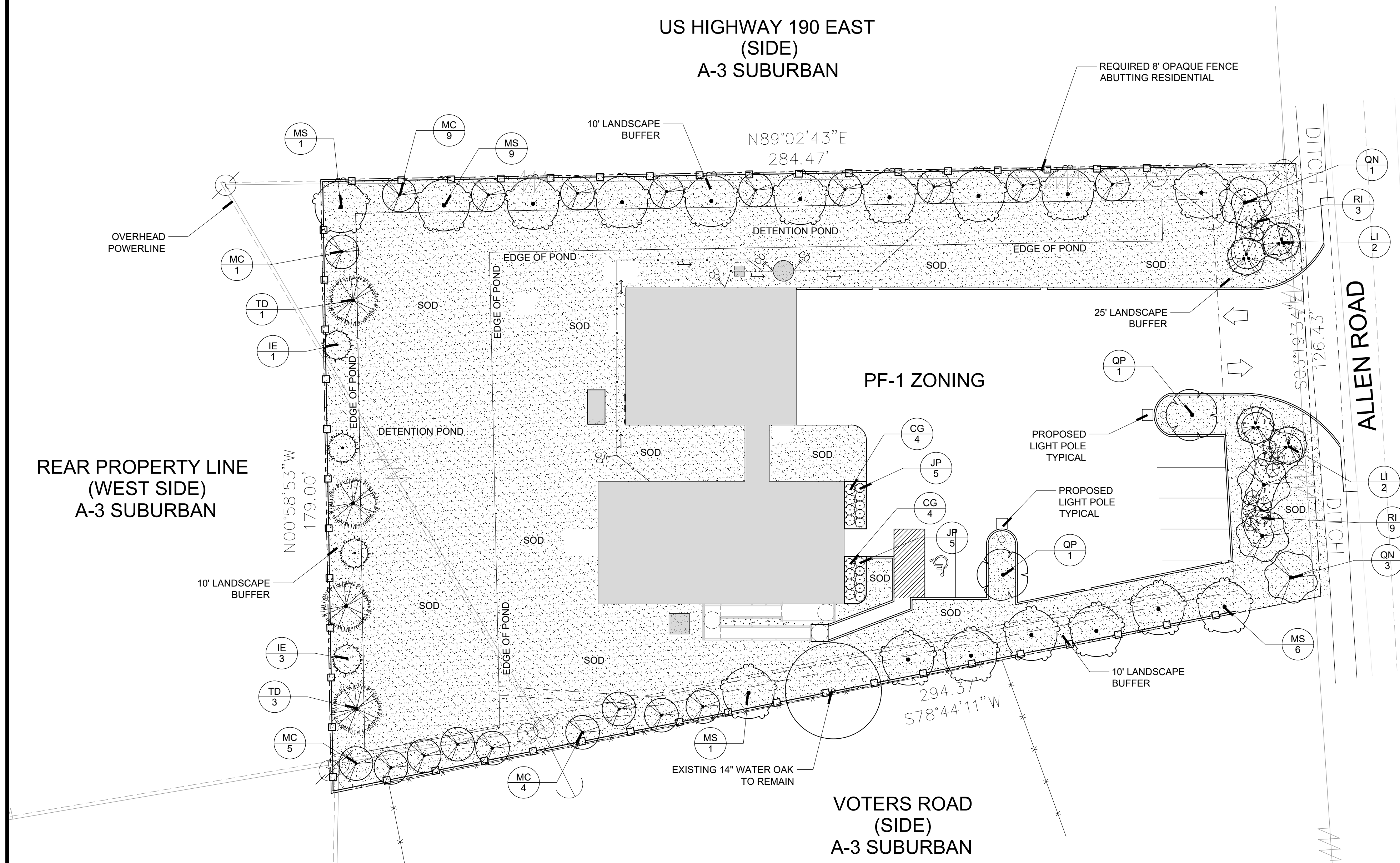
VOTERS ROAD
(SIDE)
A-3 SUBURBAN

SECTION 7.0112 MAINTENANCE & REPLACEMENT

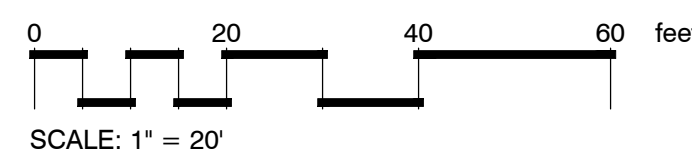
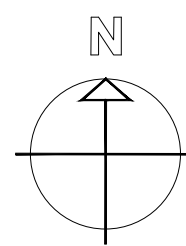
- A. MAINTENANCE: The Owner or his agent shall be responsible for the maintenance and repair of all landscaping materials and barriers as may be required by the provisions of this Section.
- Planting Beds shall be mulched to prevent weed growth and maintain soil moisture.
 - Plant Materials shall be pruned as required to maintain good health and character.
 - Turf areas shall be mowed periodically.
 - All roadways, curbs and sidewalks shall be edged when necessary in order to prevent encroachment from the adjacent grassed areas.
 - The Owner of the Property shall be responsible for the provision of adequate water, fertilizer and nutrients to the required plant materials.
- B. REPLACEMENT: Subject to the provisions of Section 7.0105.E entitled, "Replacement of Preserved Trees that Die", trees and plants that die must be replaced within six (6) months of the death of the tree or plant with trees or plants that meet the requirements of Section 7.01. Barriers and curbs that are damaged or destroyed beyond repair shall be replaced within six (6) months after the damage or destruction.

GENERAL NOTES:

- A Land Clearing Permit is required prior to removal of any trees 6" caliper or larger.
- Provide recorded cash sale and survey. This is required prior to approval of land clearing permit, site work or building permit.
- No dumpster provided. Refuse container will be maintained inside of the building only.
- Signage not included and will require is by separate permit.



LANDSCAPE PLANTING PLAN

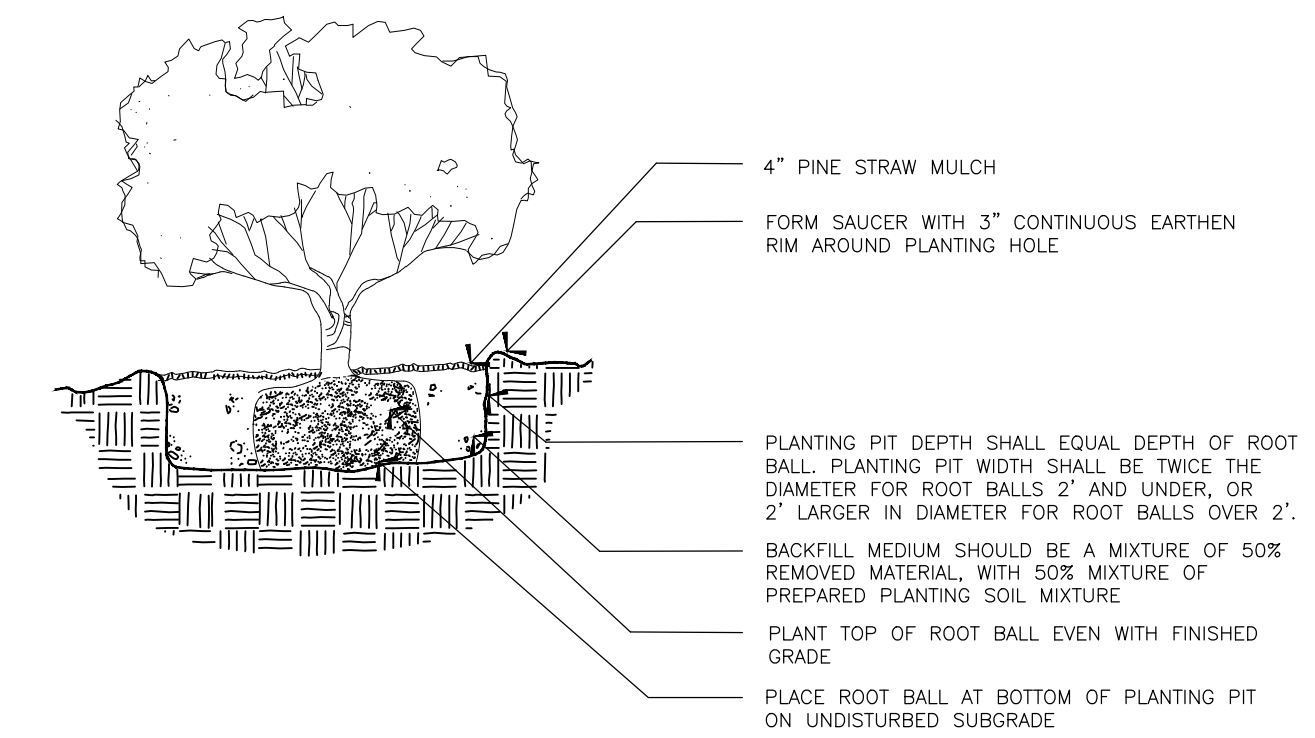


PLANT SCHEDULE

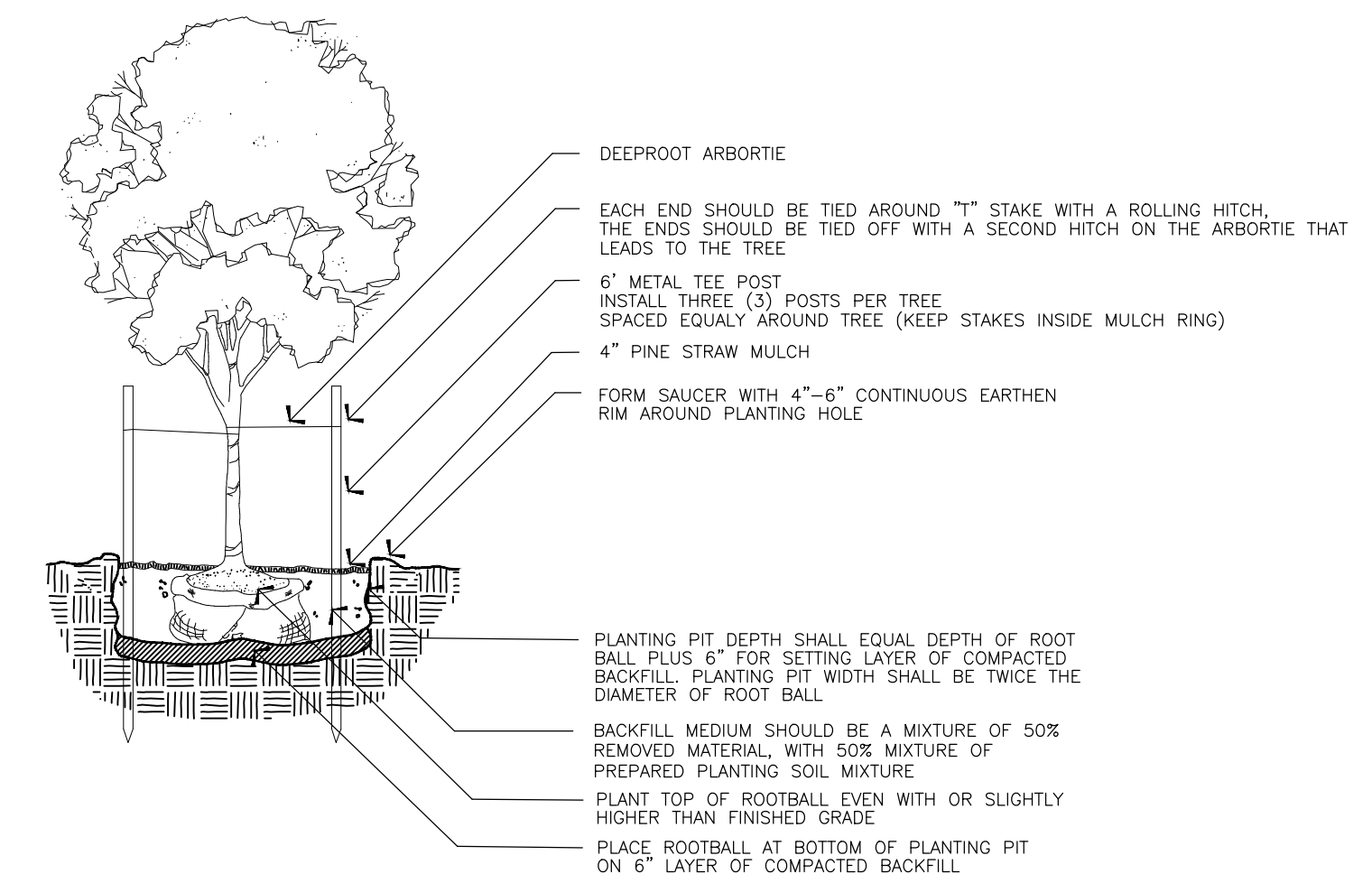
CLASS 'B'	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	IE	4	Ilex x attenuata 'Eagleston' / Eagleston Holly	Gallon or B&B	1 1/2" Cal. Standard Trunk	8'-10' ht.
	LI	4	Lagerstroemia indica / Crape Myrtle	Gallon or B&B	1" Cal. per Trunk 3 Trunk Min.	8'-10' ht.
	MC	19	Myrica cerifera / Wax Myrtle	Gallon or B&B	1" Cal. per Trunk 3 Trunk Min.	8'-10' ht.
CLASS 'A'	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	MS	17	Magnolia virginiana / Sweetbay Magnolia	Gallon or B&B	1" Cal. per Trunk 3 Trunk Min.	10' - 12' Ht.
	QN	4	Quercus nuttallii / Nuttall Oak	Gallon or B&B	2.50" Cal. Single Trunk	10' - 12' Ht.
	QP	2	Quercus phellos / Willow Oak	Gallon or B&B	2.50" Cal. Single Trunk	10' - 12' Ht.
	TD	4	Taxodium distichum / Bald Cypress	Gallon or B&B	2.50" Cal. Single Trunk	10' - 12' Ht.
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SIZE	
	CG	8	Camellia sasanqua 'Shishi Gashira' / Shishi Gashira Camellia	7-Gal.		
	JP	10	Juniperus chinensis 'Parsonii' / Parsoni Juniper	3-Gal.		
	RI	12	Rhododendron indicum / Indica Azalea	3-Gal.		
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	REMARKS	
	EO	27,292 sf	Eremochloa ophiuroides / Centipede Sod	Squares or Mini Rolls	Class 'A'	
	MP	642 sf	Mulch Area / Pine Straw Mulch	Pine Straw Bales	4" Depth	

LANDSCAPE CALCULATIONS

ALLEN ROAD (ROW)	
25' LANDSCAPE BUFFER = 126.43'/30= 4.3 TREES	44 TREES AND 48 TREES PROVIDED
12 SHRUBS REQUIRED	12 SHRUBS PROVIDED
US HIGHWAY 190 EAST (SIDE)	
10' LANDSCAPE BUFFER = 274.47'/30=9.1 TREES	9A TREES AND 9B TREES PROVIDED
9A TREES AND 9B TREES REQUIRED	
REAR PROPERTY LINE (WEST SIDE)	
10' LANDSCAPE BUFFER = 179.00'/30=5.9 TREES	5A TREES AND 5B TREES PROVIDED
5A TREES AND 5B TREES REQUIRED	
VOTERS ROAD (SIDE)	
10' LANDSCAPE BUFFER = 294.37'/30=9.8 TREES	7A TREES AND 9B TREES PROVIDED
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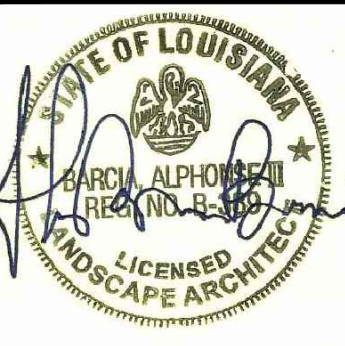
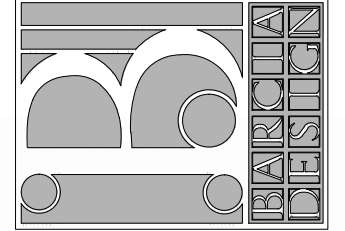
1 SHRUB PLANTING DETAIL
LS-1 N.T.S.



2 TREE PLANTING DETAIL
LS-1 N.T.S.

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FIRE DISTRICT #1
ALLEN ROAD
St. Tammany Parish - Louisiana 70461

Sheet Title: Landscape Plan

JOB No.:

SCALE: AS SHOWN

DRAWN BY: AB3

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SHEET:

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REV.

DATE: SEPTEMBER 9TH, 2022