

GENERAL EROSION CONTROL NOTES

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

SILT FENCE INSTALLATION NOTES

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

EROSION CONTROL LEGEND



SITE NOTE

SEED OR SOD ALL DISTURBED AREAS

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LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mistich, PE
www.dammonengineering.com
info@dammon.com
504-885-4455
Sugart, LA 70458

REVISIONS	DATE
#	DESCRIPTION
1	



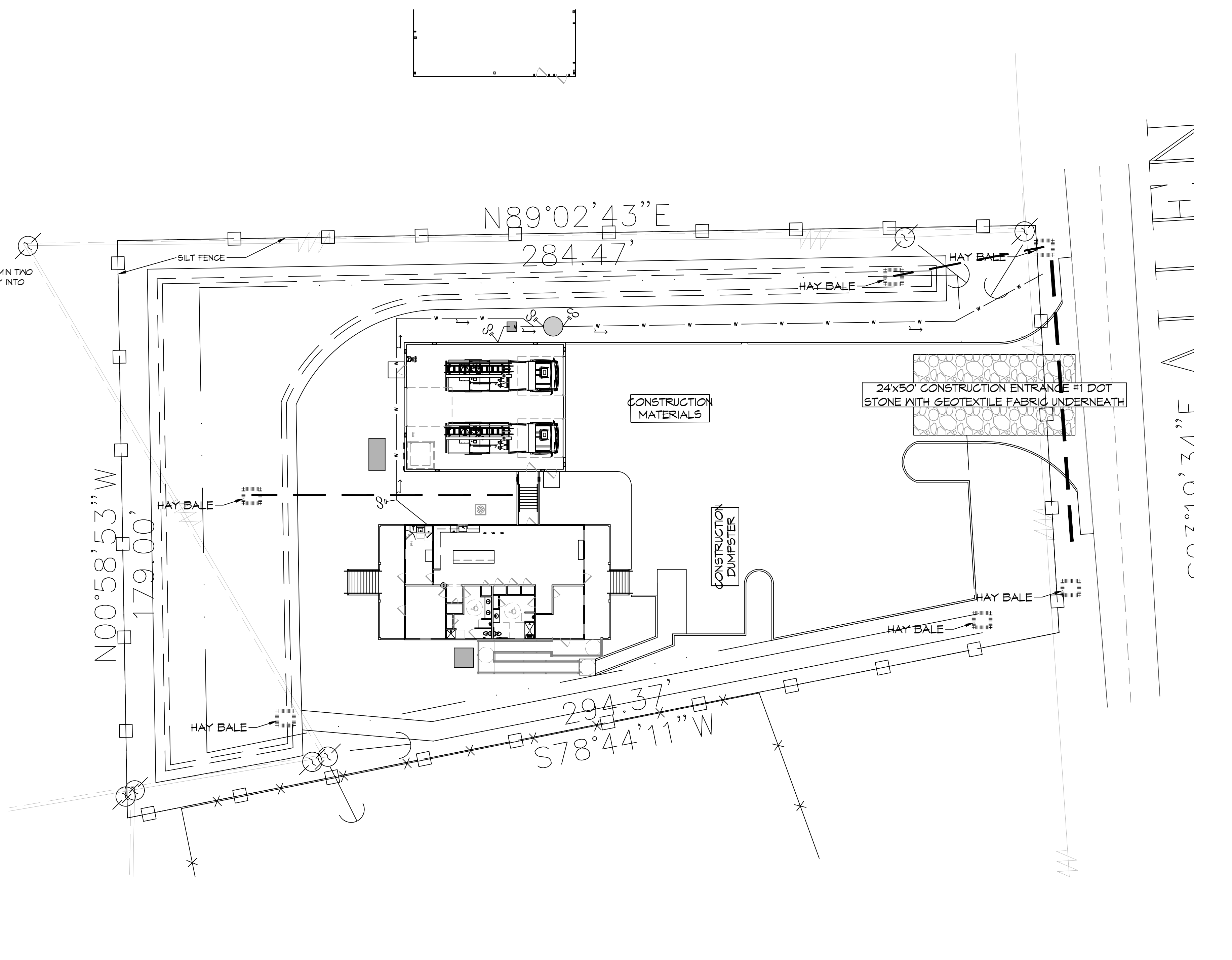
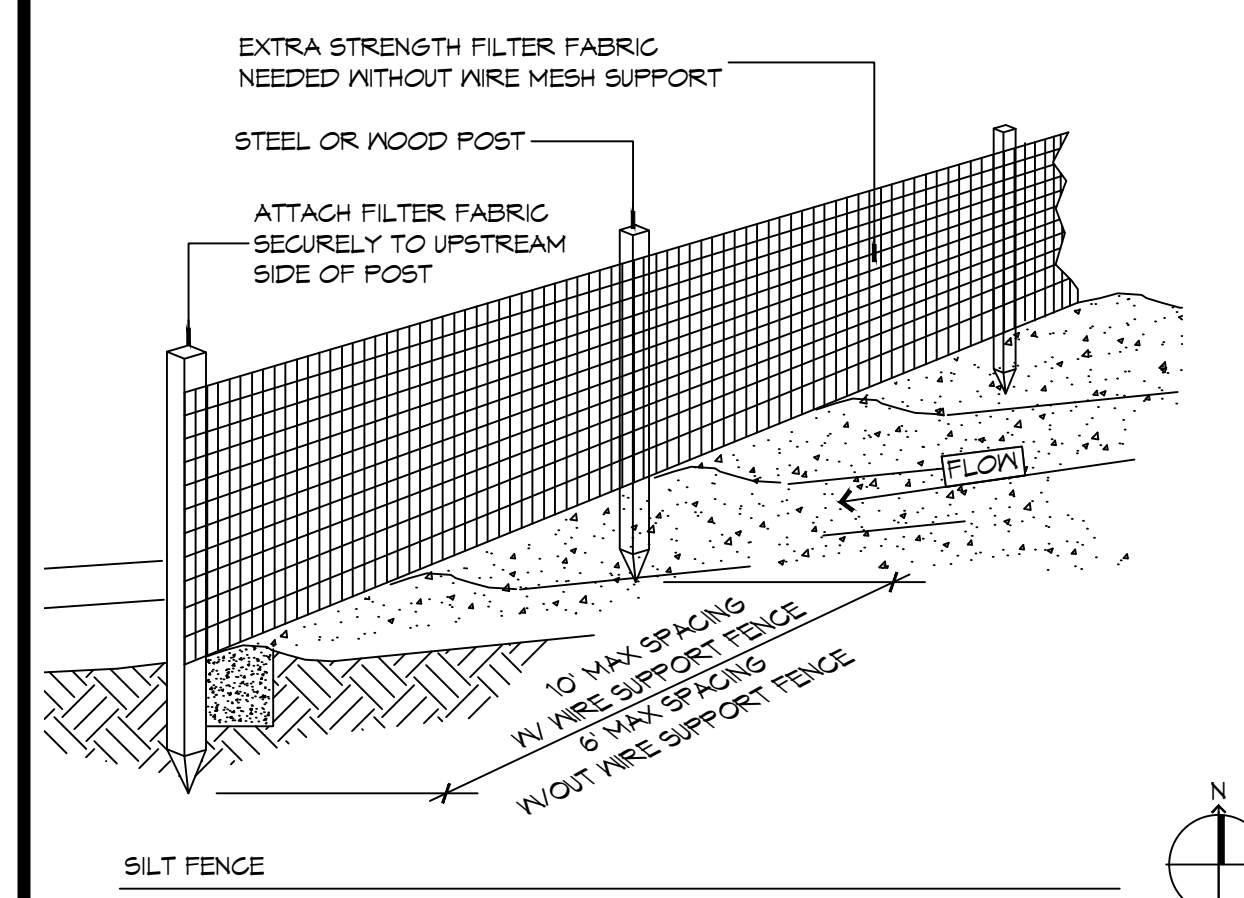
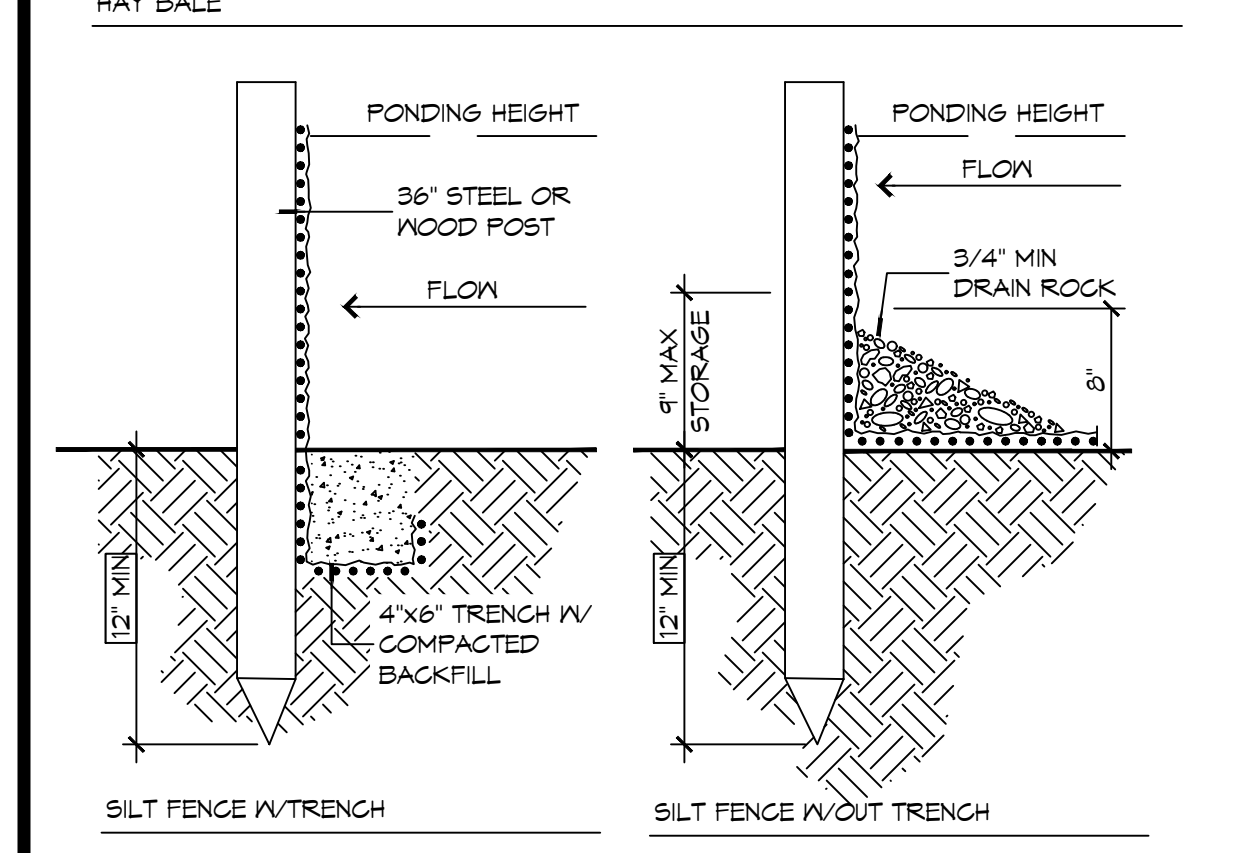
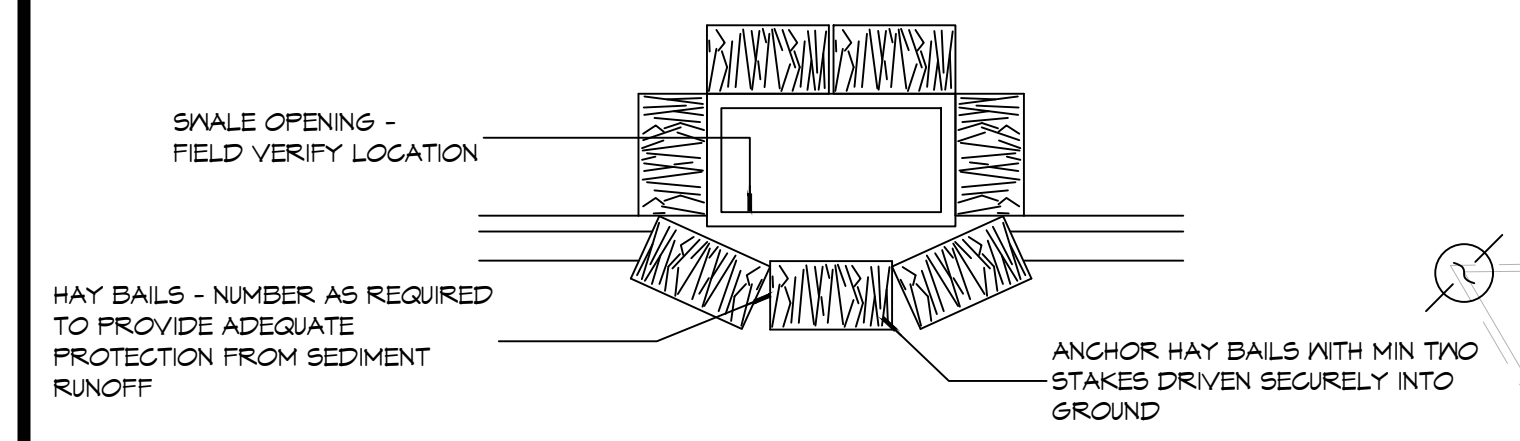
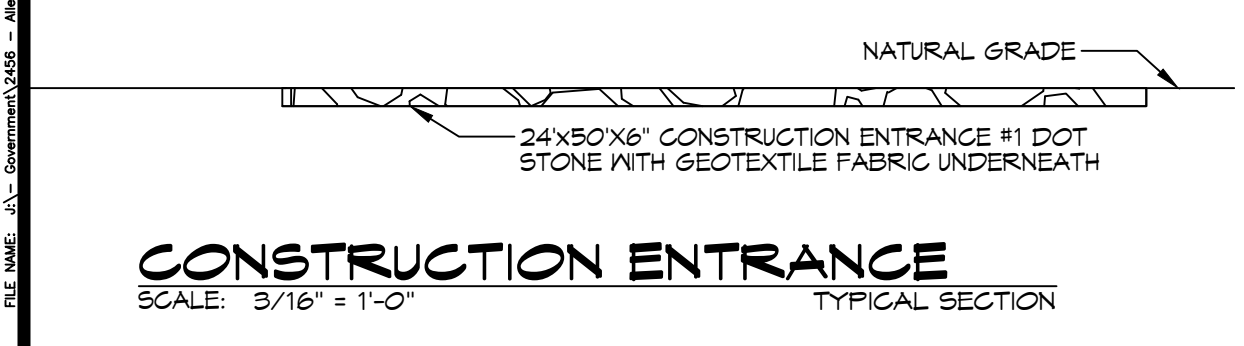
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19

57047 ALLEN ROAD
SLIDELL, LOUISIANA 70461
JOB No: 2486
DATE: 05-16-2022
DRAWN BY: CKD
CHECKED BY: BAY

SHEET TITLE:
EROSION CONTROL AND DETAILS

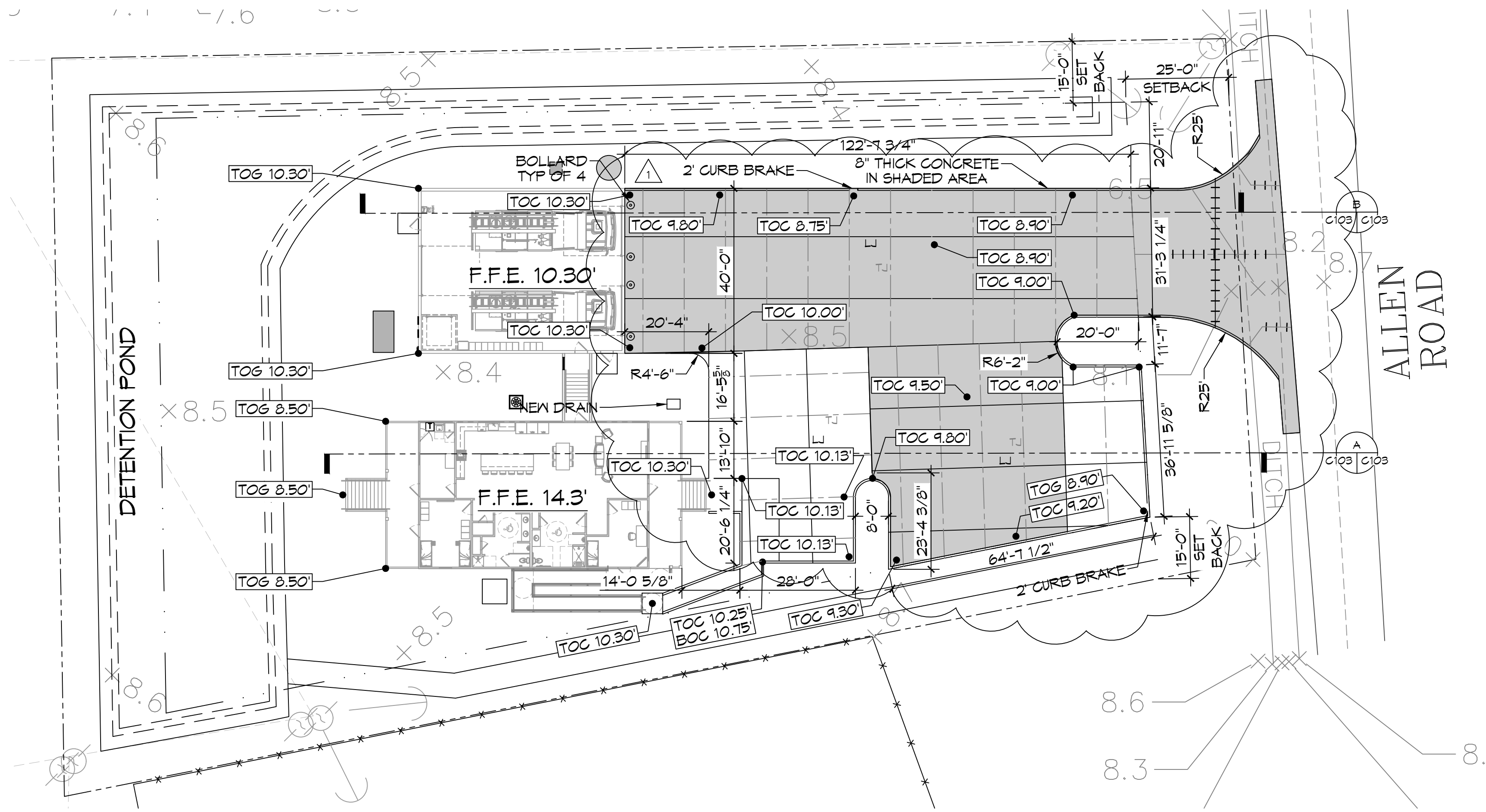
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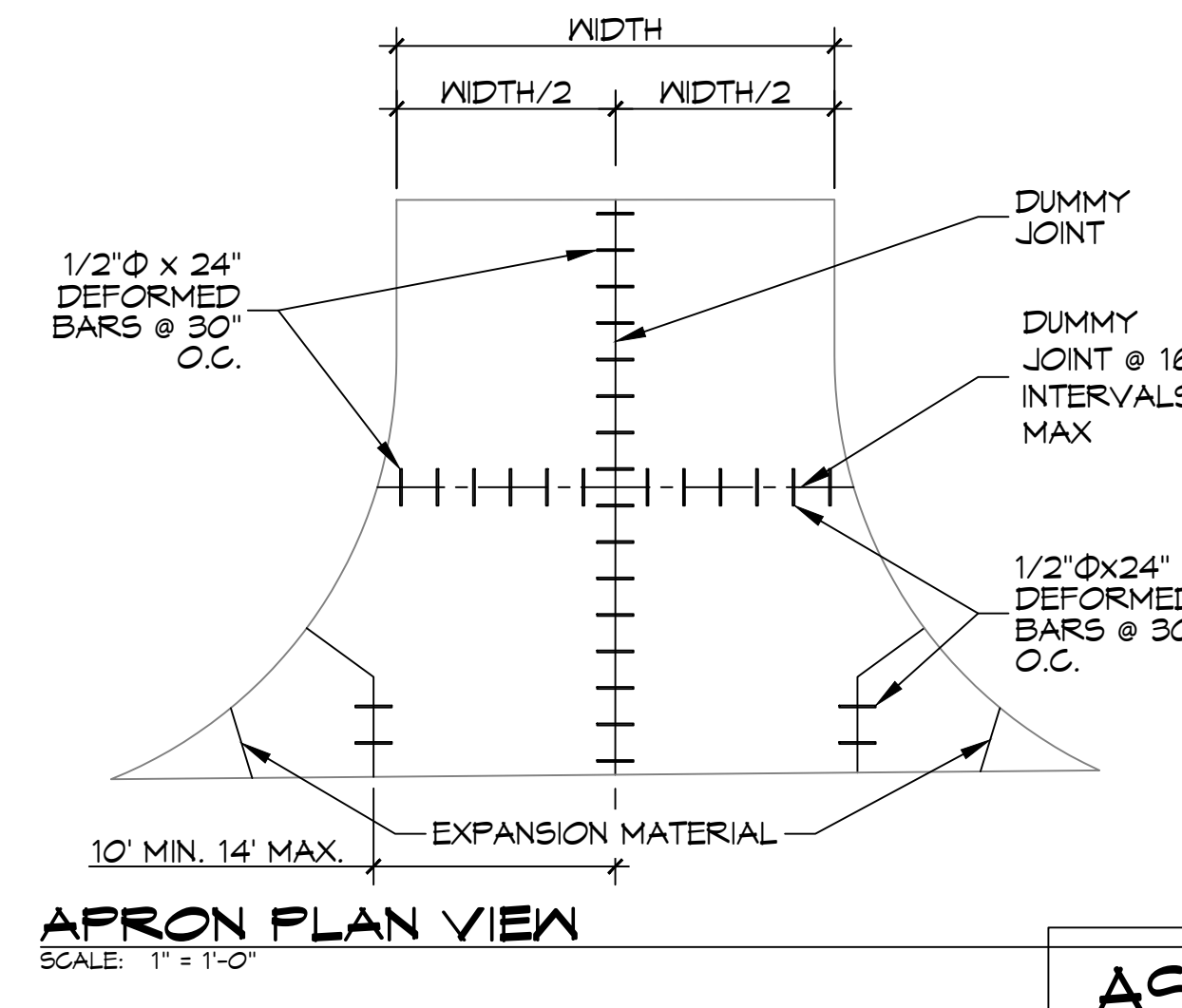
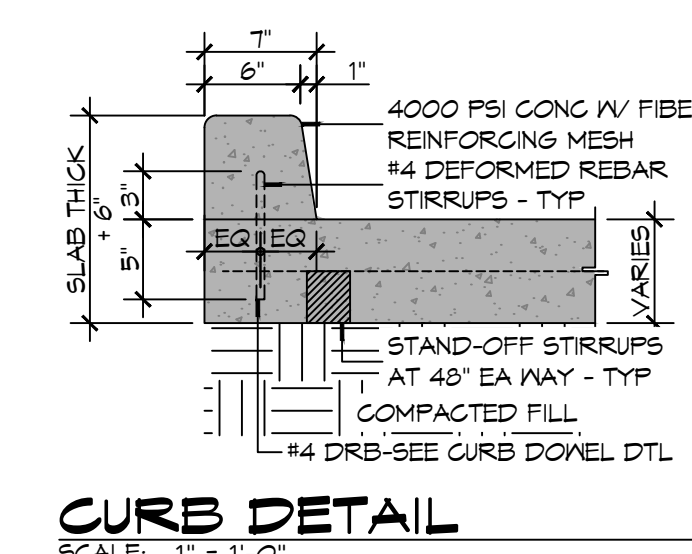
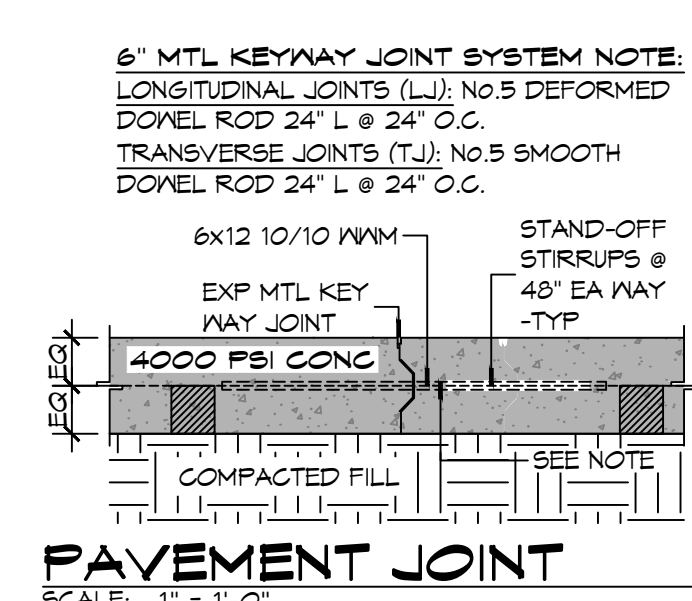
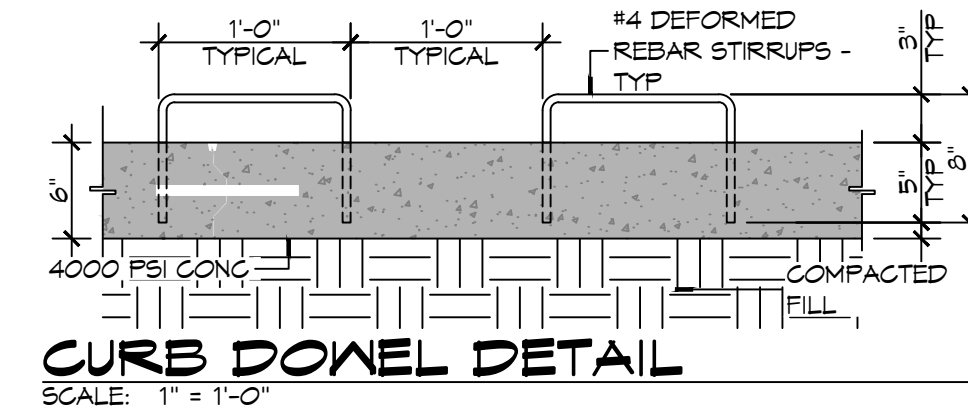
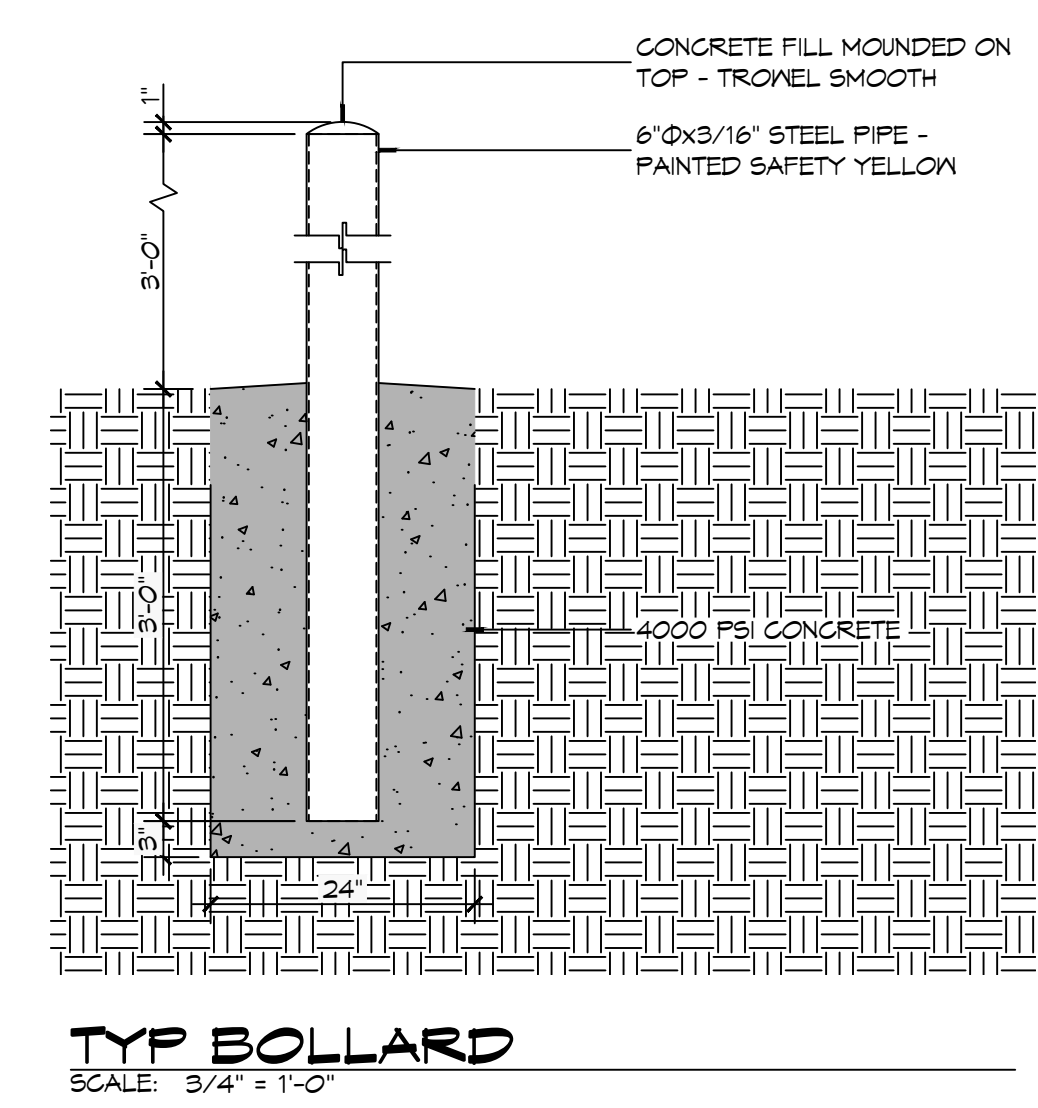
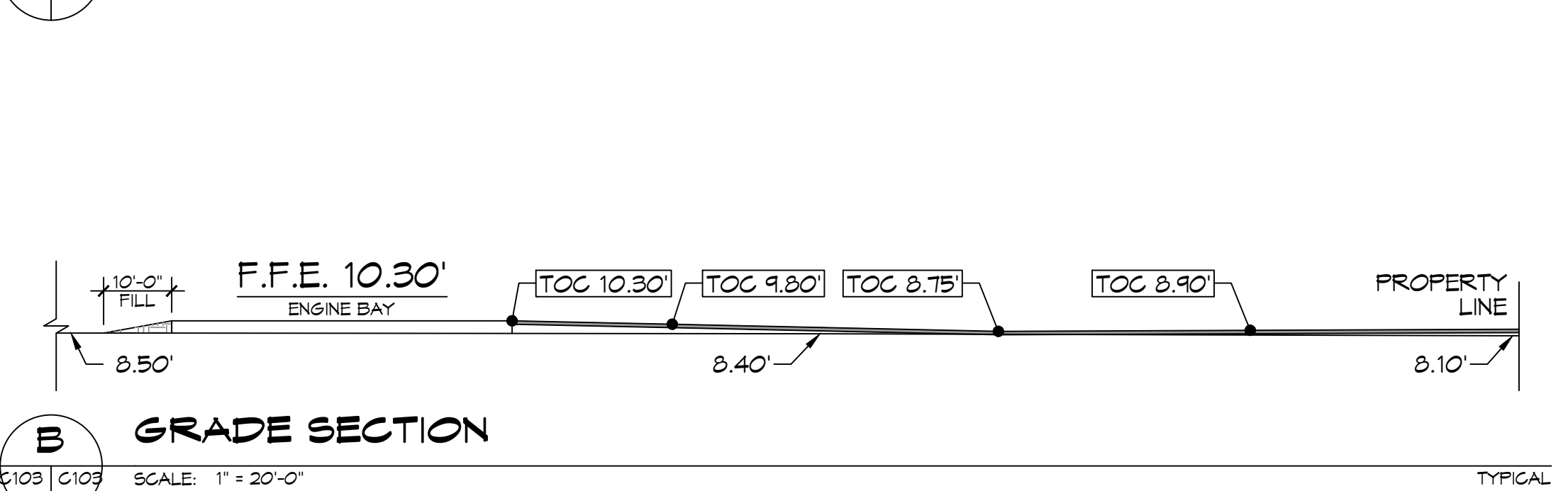
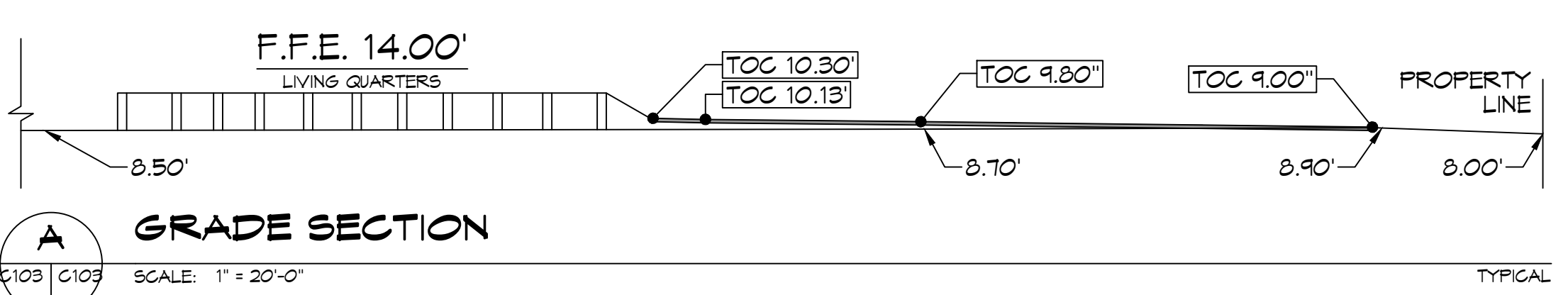


CONTRACT ATTEN

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 TIME: 10:00:00 AM
 USER: brian.mitchell
 PLOT DATE: 01/16/2024
 PLOT TIME: 10:00:00 AM
 PLOT USER: brian.mitchell



8 PAVING PLAN
SCALE: 1" = 20'-0"



GENERAL PAVING NOTES

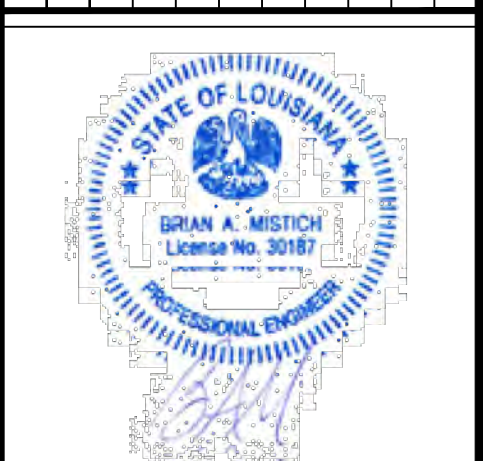
- ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
- CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
 - APRON & DRIVE LANES = 8" THICKNESS (STANDARD UNO)
 - PARKING AREAS = 6" THICKNESS (STANDARD UNO)
- ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- MUCK OUT AND FILL 24" MINIMUM. SEE THE GEOTECHNICAL ENGINEERING REPORT BY STRATUM ENGINEERING DATED APRIL 23, 2022.
- ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.

PAVING LEGEND

- LJ LONGITUDINAL JOINTS - NO. 5 DEFORMED DOVEL RODS 24" LONG @ 24" O. C.
- TJ TRANSVERSE JOINTS (TJ) - NO. 5 SMOOTH DOVEL RODS 24" LONG @ 24" O. C.
- TOC TOP OF CONCRETE
- BOC BOTTOM OF CONCRETE
- TOG TOP OF GRADE
- PROPERTY LINE
- PROPERTY SETBACK

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 info@dammonengineering.com
 PH: 985.649.5832

#	DESCRIPTION	DATE
1	REVISED TOPO AND OUTLINED 8" THICK CONG.	07-14-23



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: BAW
 CHECKED BY: CKD

SHEET TITLE:
 PAVING PLAN
 DRAWING NUMBER:
C103
 SHEET No: 5 of 30

AS-BUILT
1-31-24

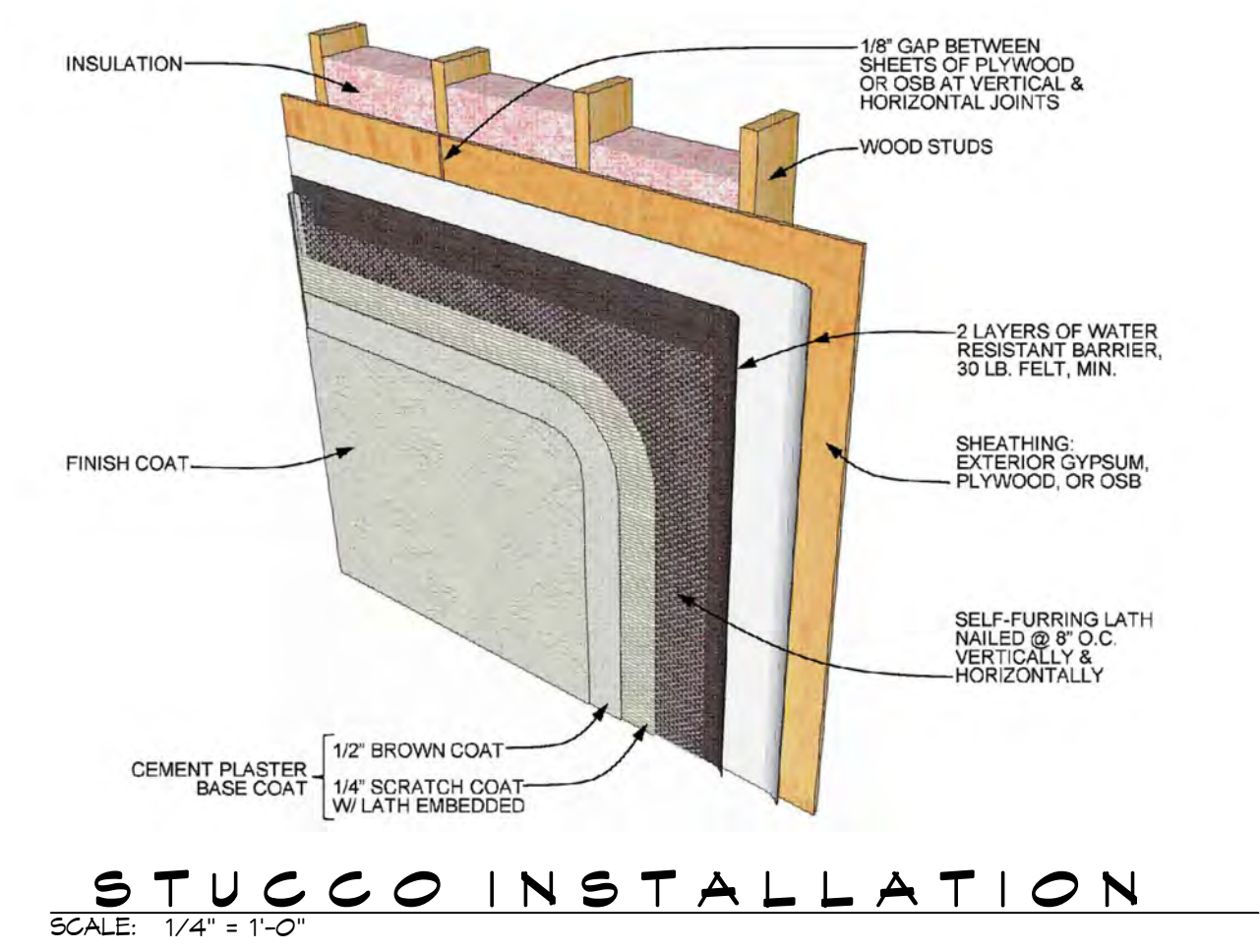
WIND SPEED

THE CONSTRUCTION FOR SAID HOUSE, WIND SPEED IS 130 MPH. THIS DESIGN IS IN ACCORDANCE WITH: AMERICAN WOOD COUNCIL, WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (NFCM) 2015 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2015 EDITION.

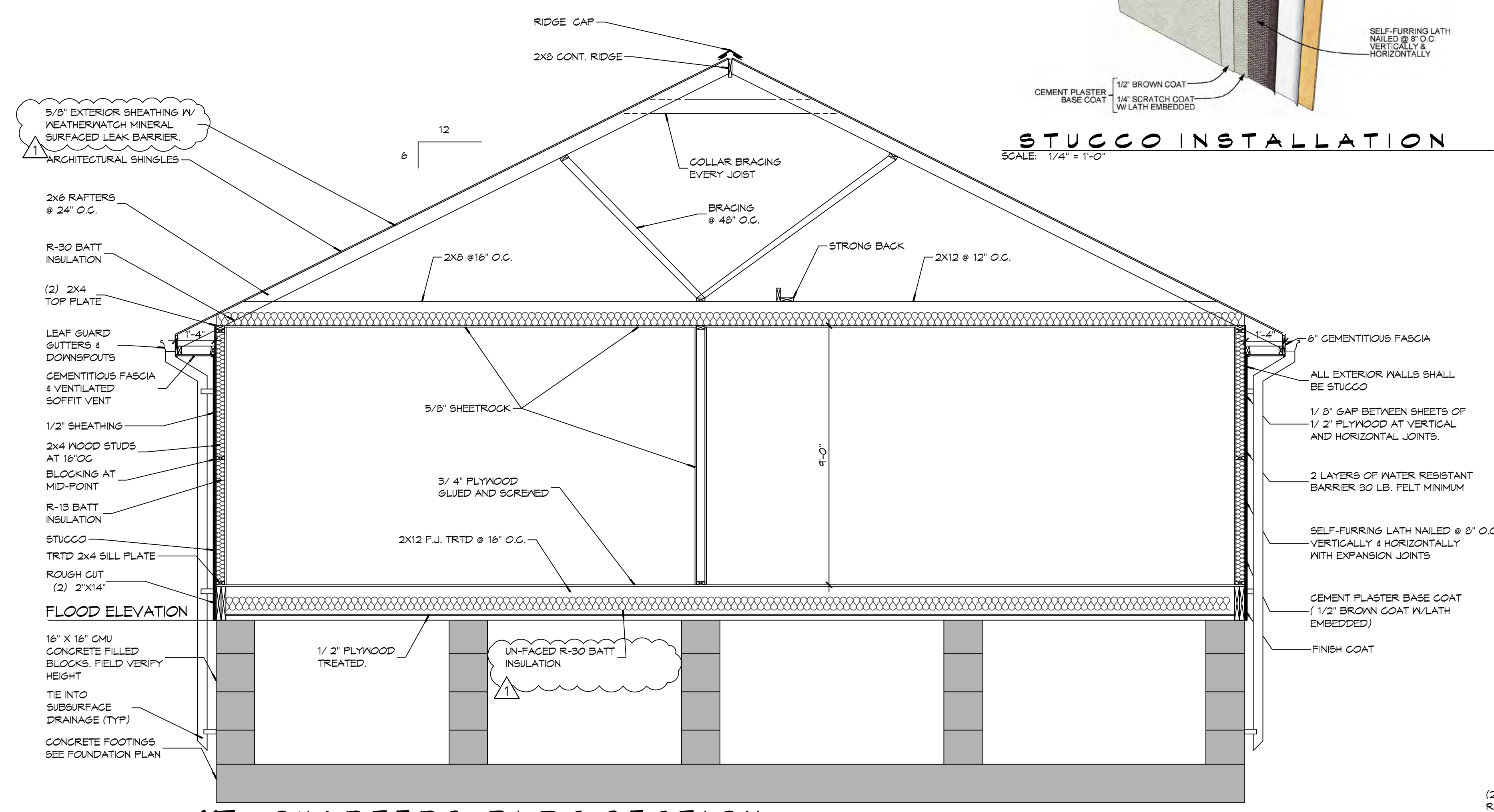
AS-BUILT
1-31-24

DAMMON
ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

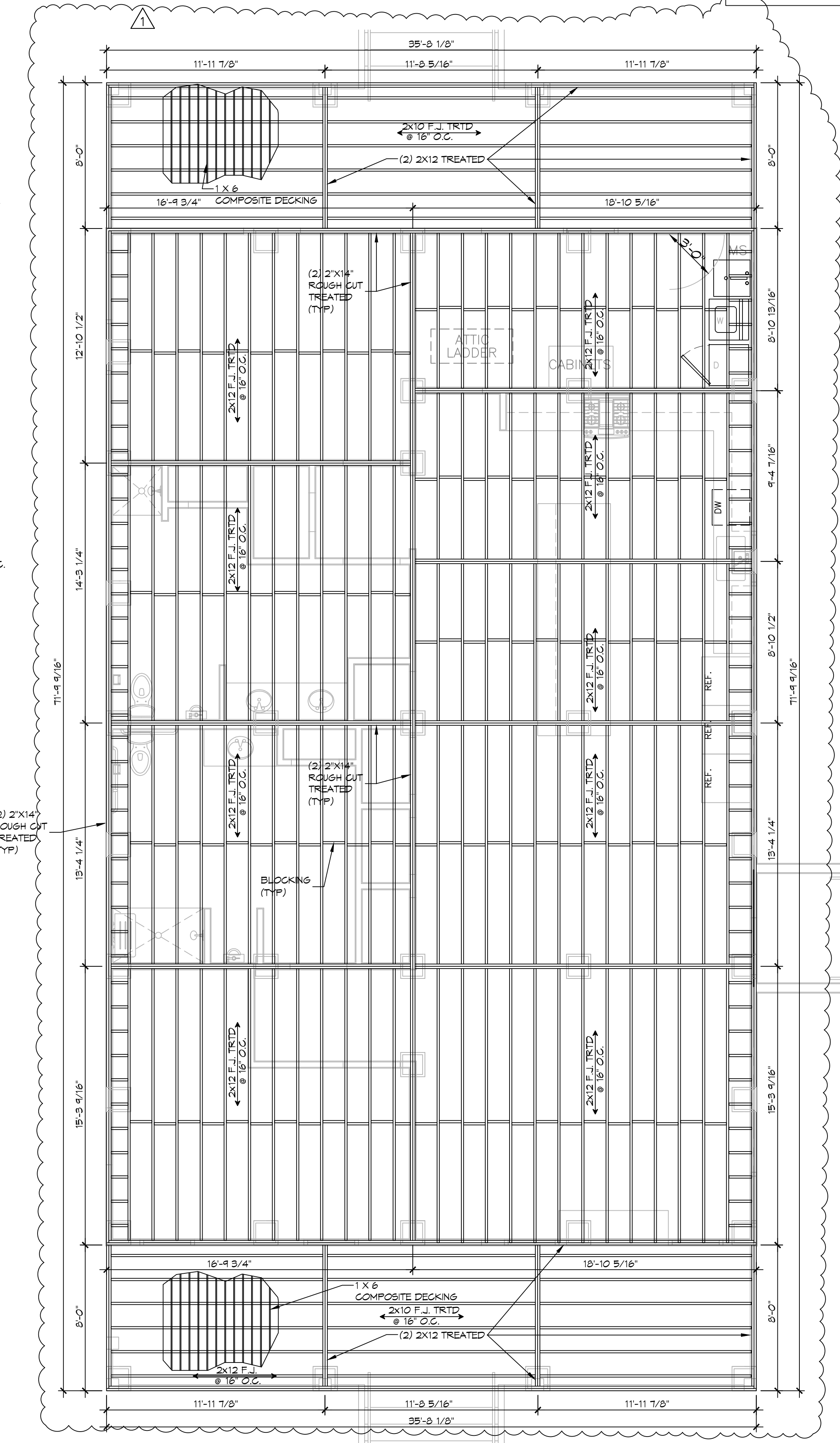
www.dammonengineering.com
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Civil Engineer Brian Mistich, PE
564 Old Springs Trail
Stidell, LA 70468



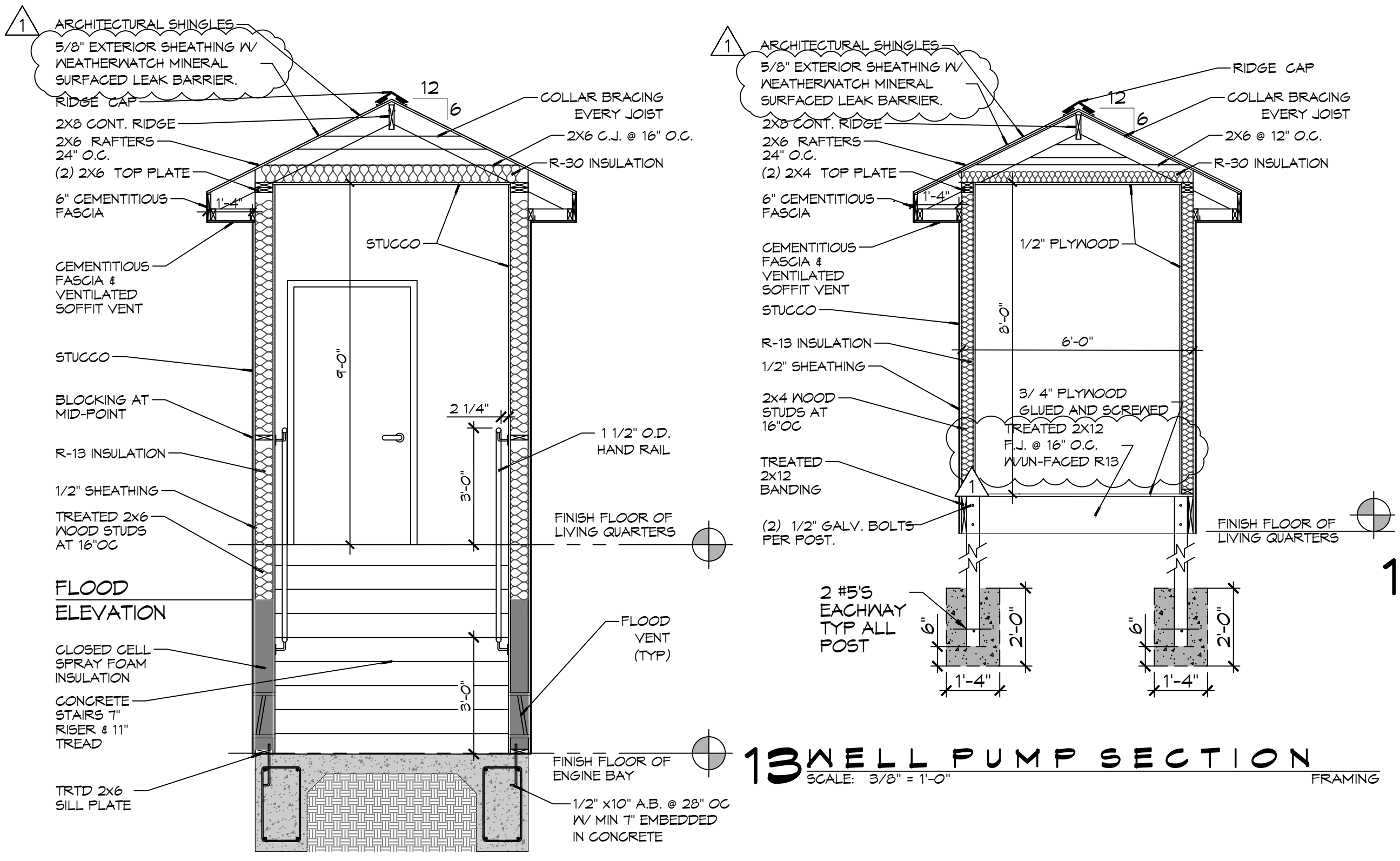
STUCCO INSTALLATION
SCALE: 1/4" = 1'-0"



15 QUARTERS BLDG SECTION
SCALE: 3/8" = 1'-0"

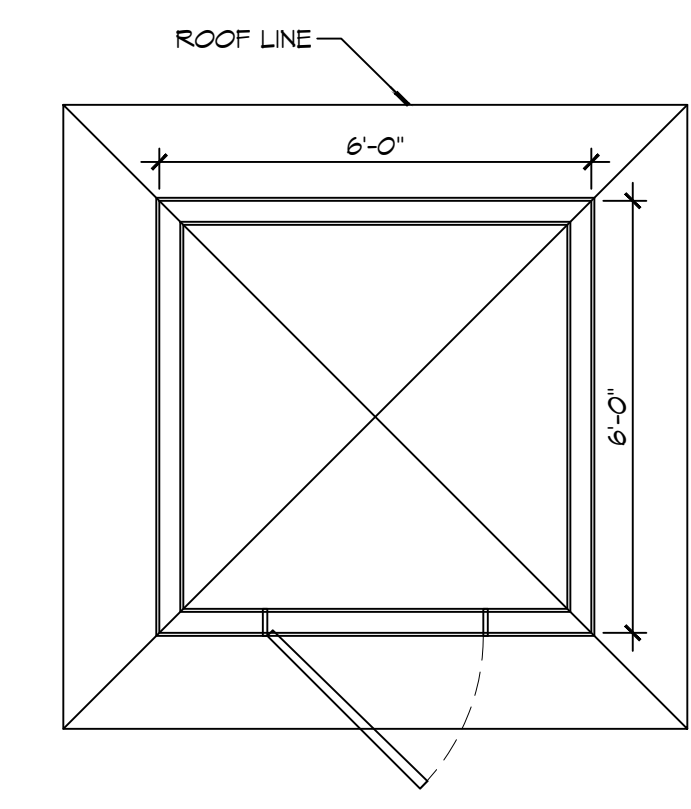


16 FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



12 WALK WAY SECTION
SCALE: 3/8" = 1'-0"

13 WELL PUMP SECTION
SCALE: 3/8" = 1'-0"



14 FLOOR PLAN
SCALE: 3/8" = 1'-0"

REVISIONS

#	DESCRIPTION	DATE
1	REVISED INSULATION UNDER WOOD FLOOR. UNDERLAYMENT FOR ROOF & TREATED LUMBER	2/7/2022

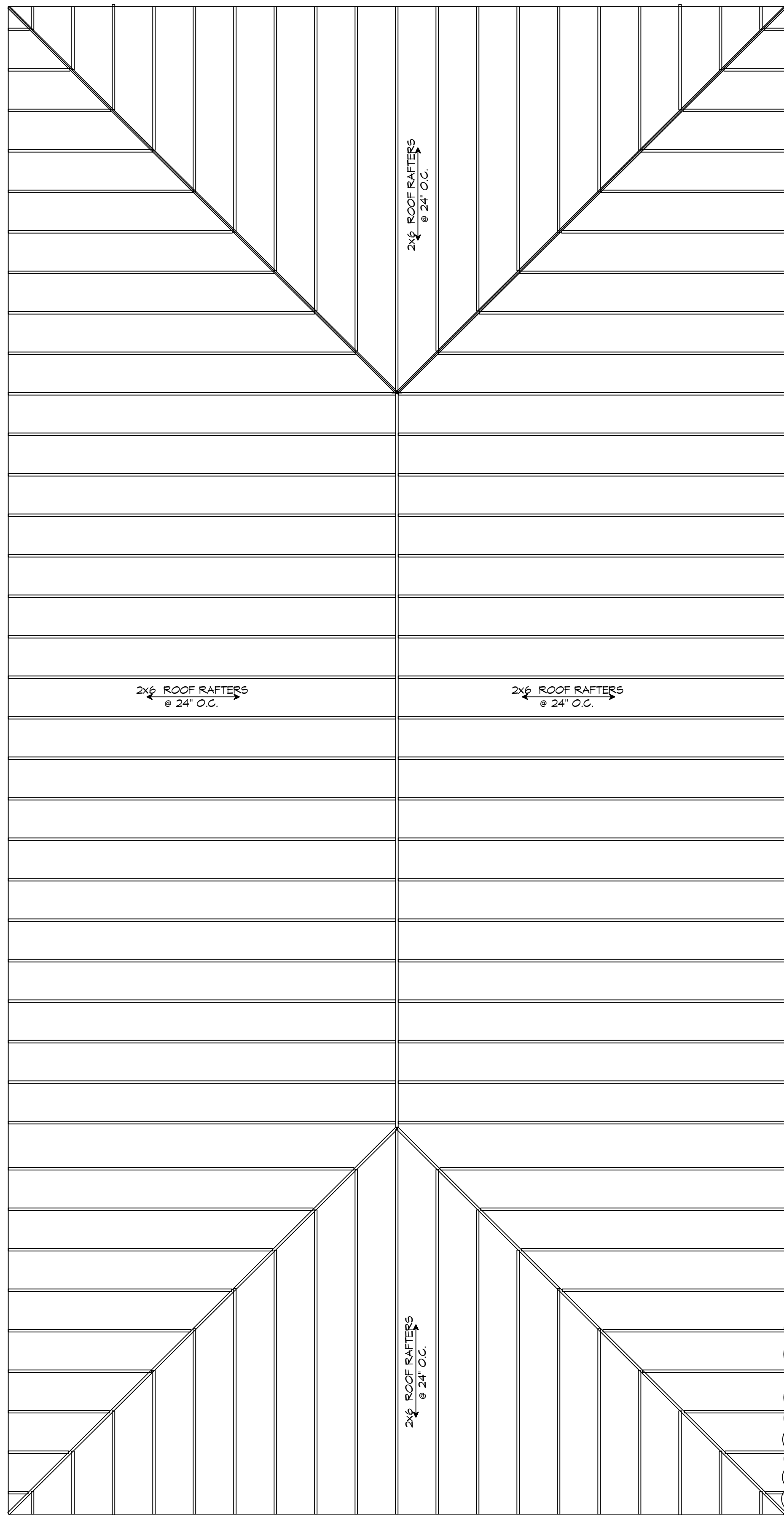


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
87047 ALLEN ROAD
SULZELL, LOUISIANA 70461
JOB No: 2456 DATE: 05-16-2022
DRAWN BY: CACD CHECKED BY: BAY

SHEET TITLE:
QUARTERS BLDG SECTION
AND FLOOR FRAMING
PLAN

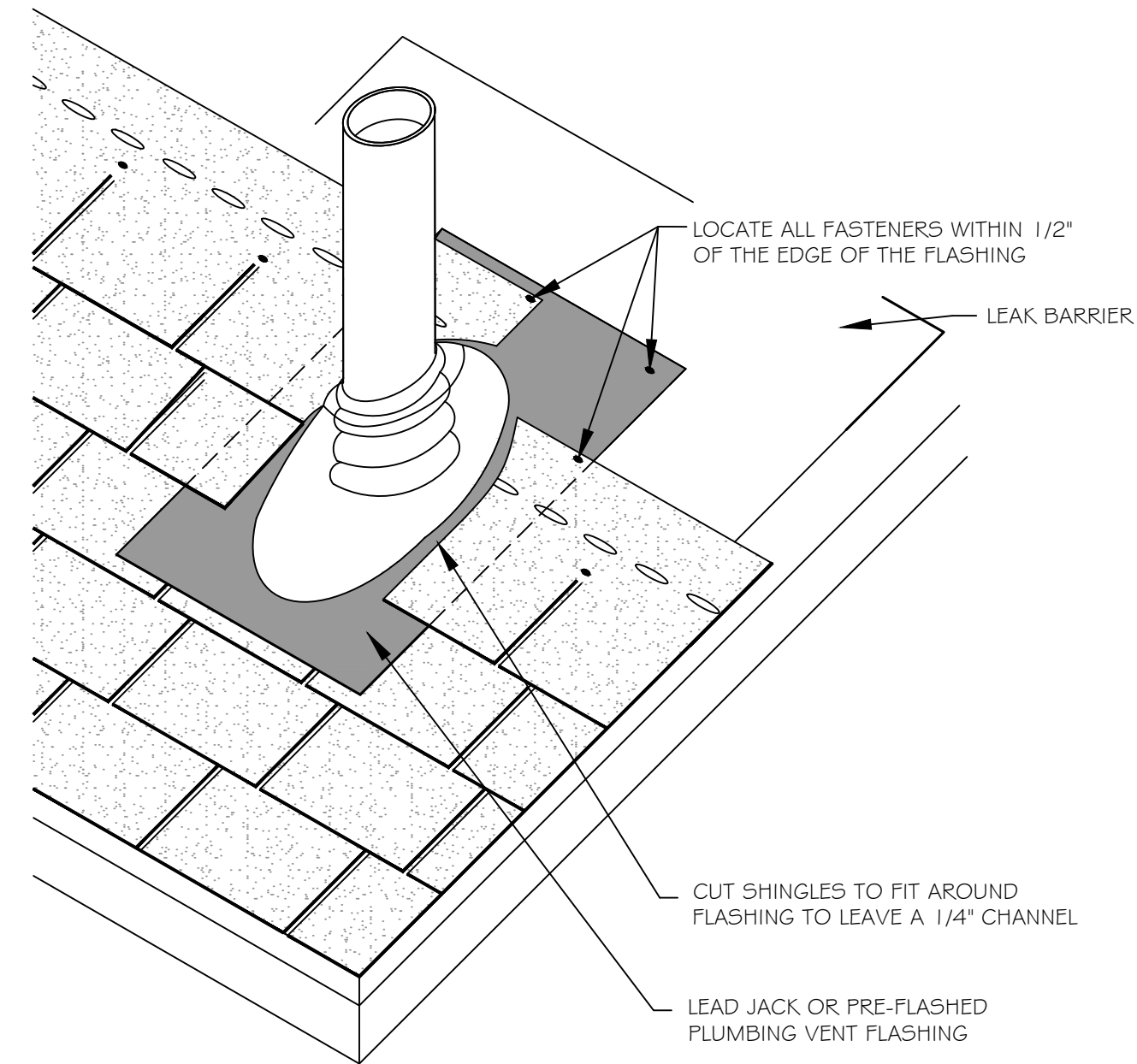
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S102

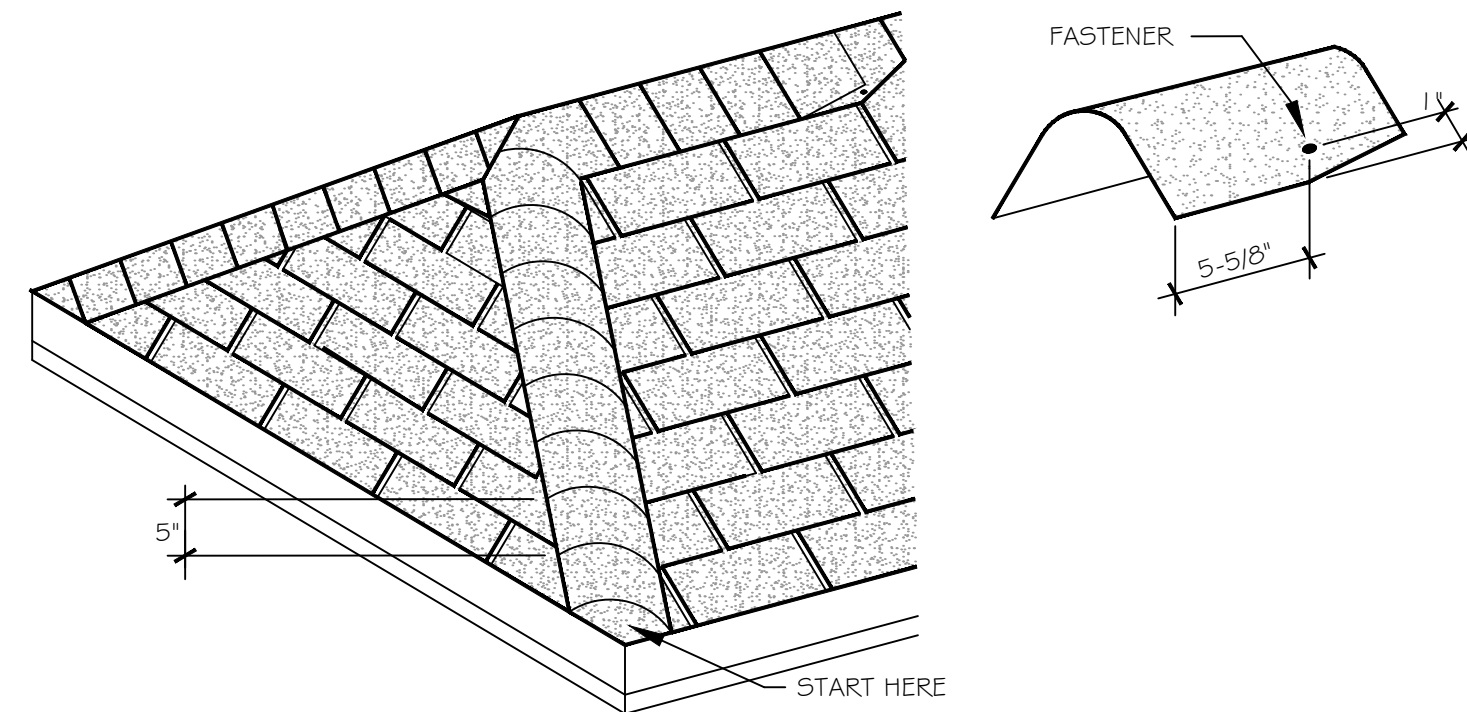


18 ROOF FRAMING
SCALE: 1/4" = 1'-0"

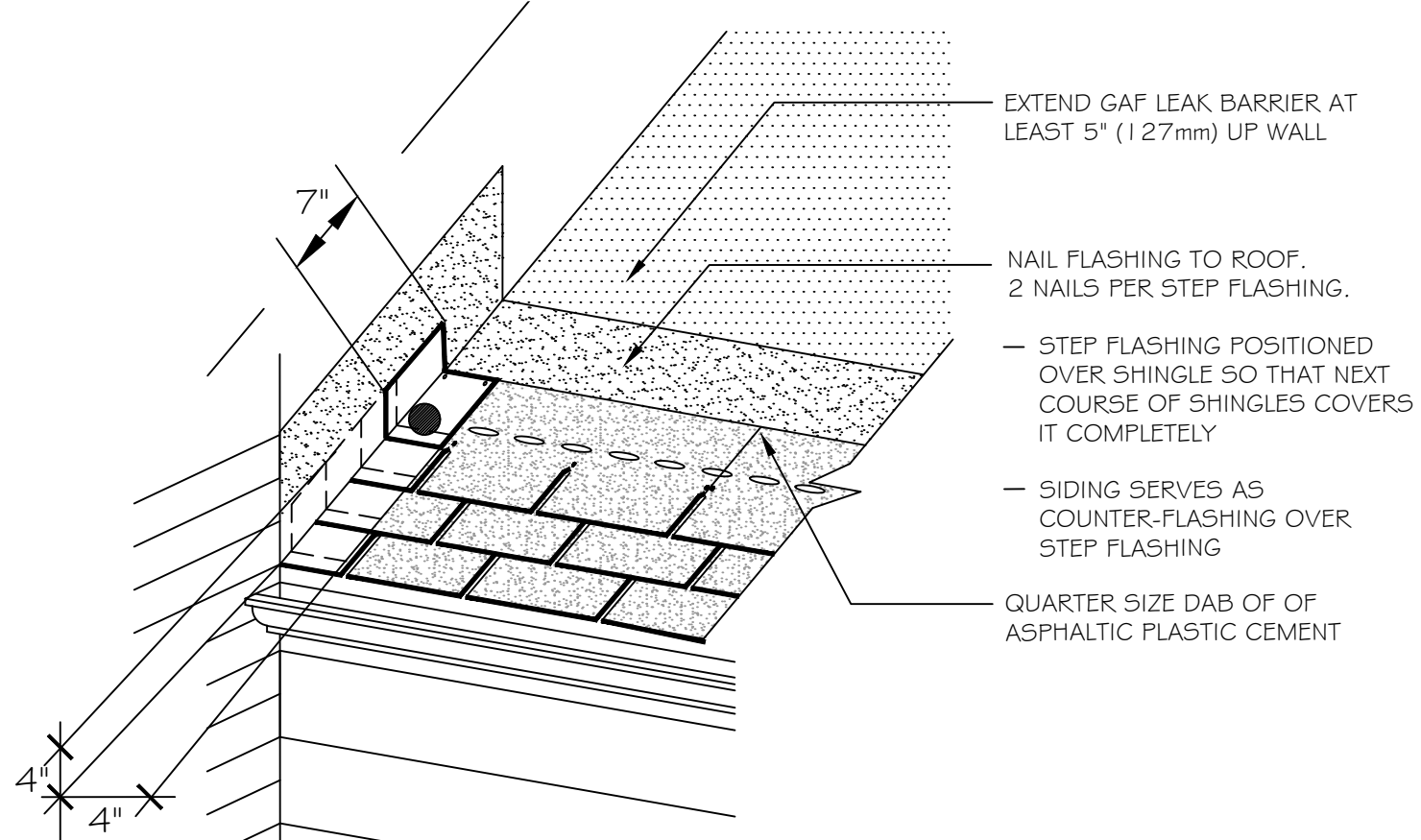
LIVING QUARTERS



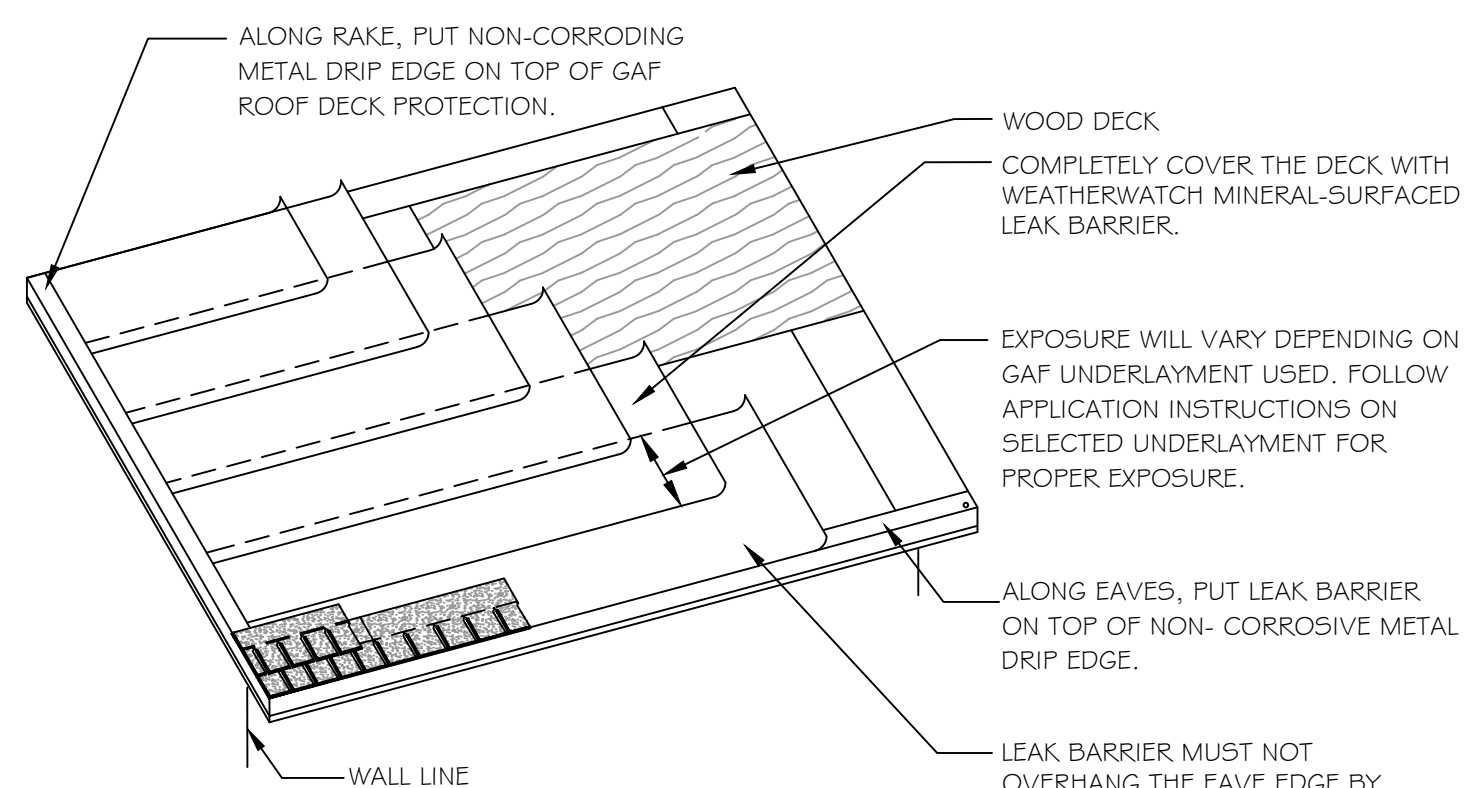
ROOF DETAIL - ROOF VENT DETAIL
SCALE: N.T.S.



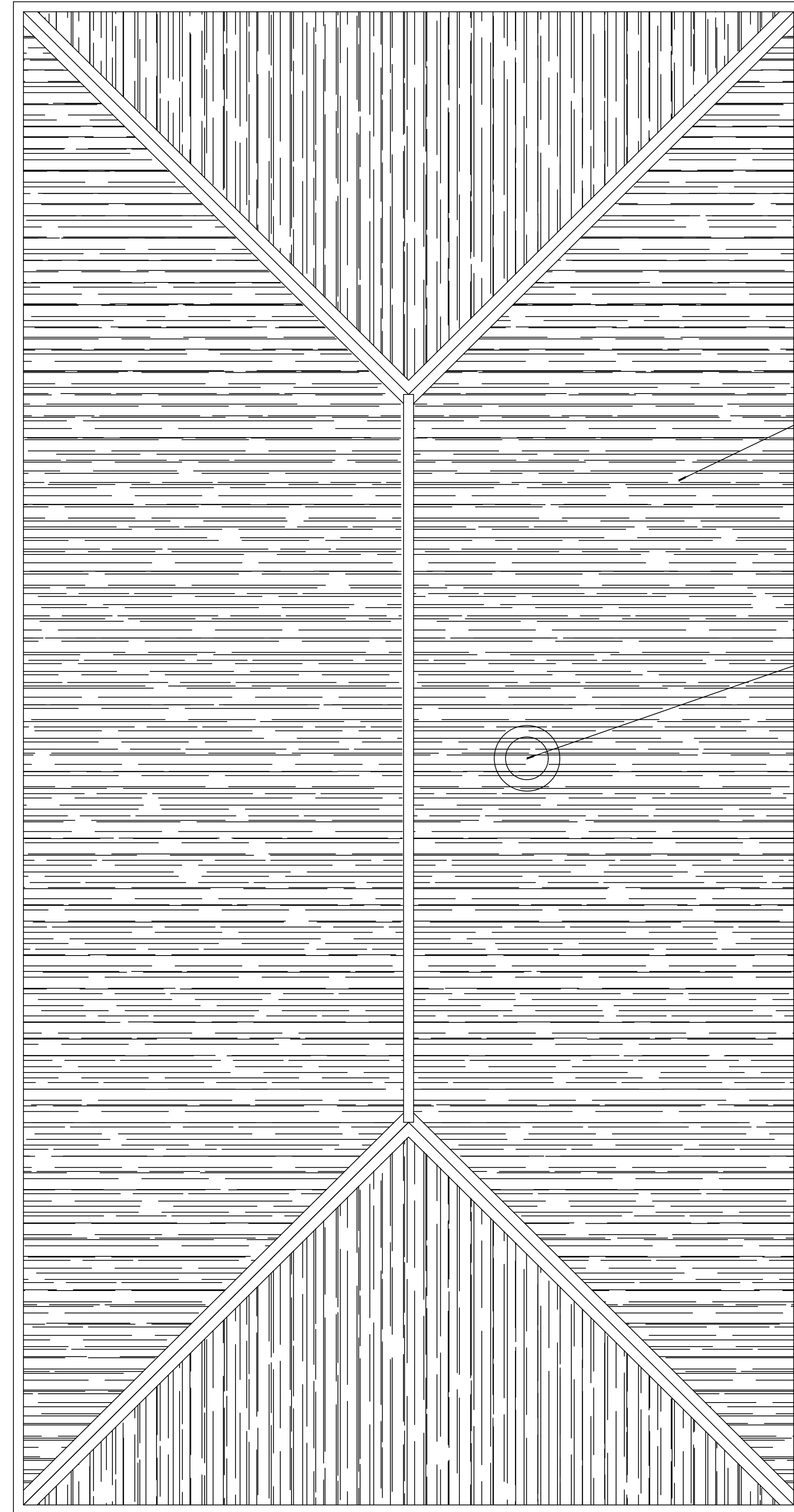
ROOF DETAIL - HIP/RIDGE DETAIL
SCALE: N.T.S.



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

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Slidell, LA 70458

NO.	DESCRIPTION	DATE
1	Added Roof Details	8/1/2022



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

87047 ALLEN ROAD
SLIDELL, LOUISIANA 70461

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

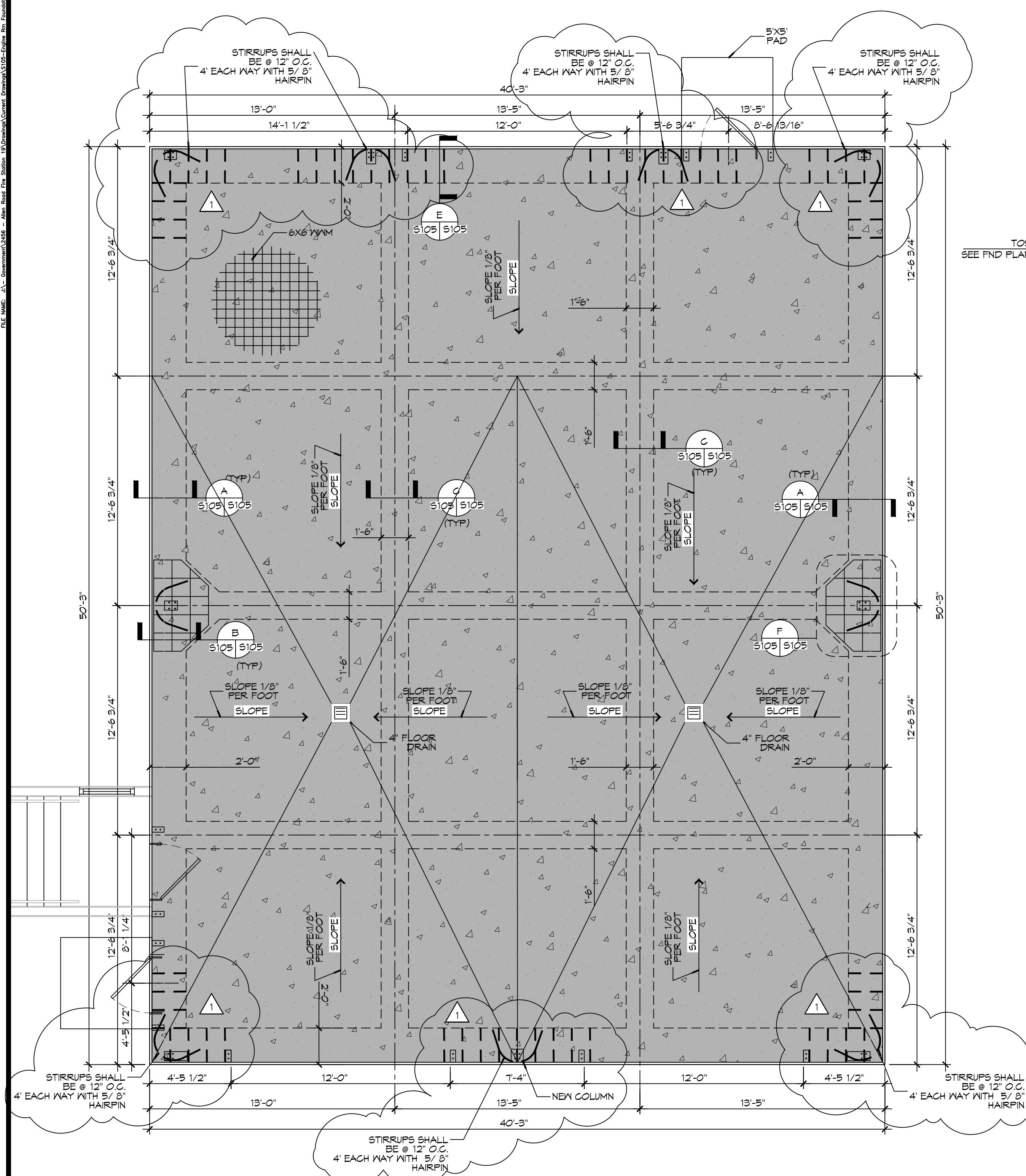
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LIVING QUARTERS ROOF FRAMING PLAN

DRAWING NUMBER:
S104

AS-BUILT
1-31-24

SHEET No: 9 of 30

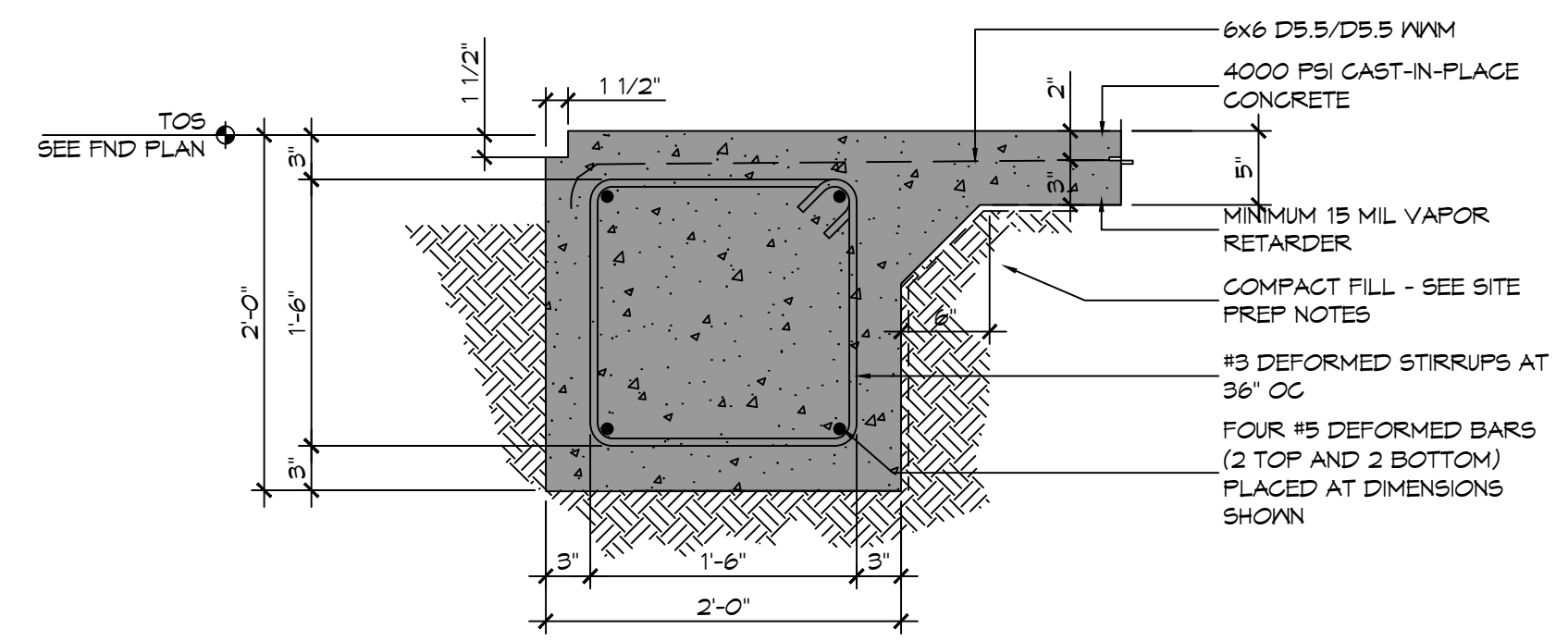
20 ENGINE BAY FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"
 ENGINE BAY



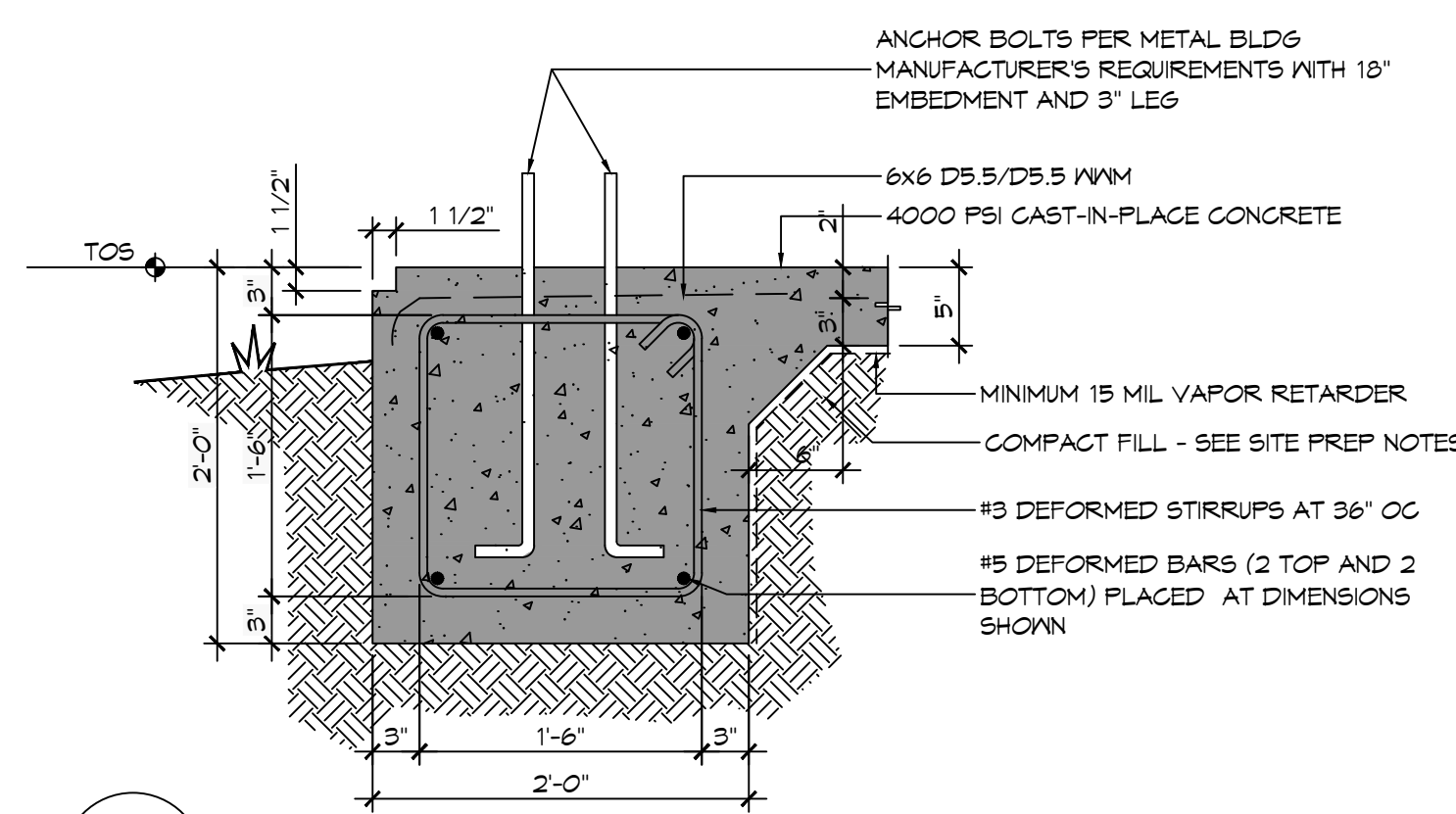
20 ENGINE BAY FOUNDATION PLAN
SCALE: 1/4" = 1'-0" ENGINE BAY

GENERAL FOUNDATION NOTES

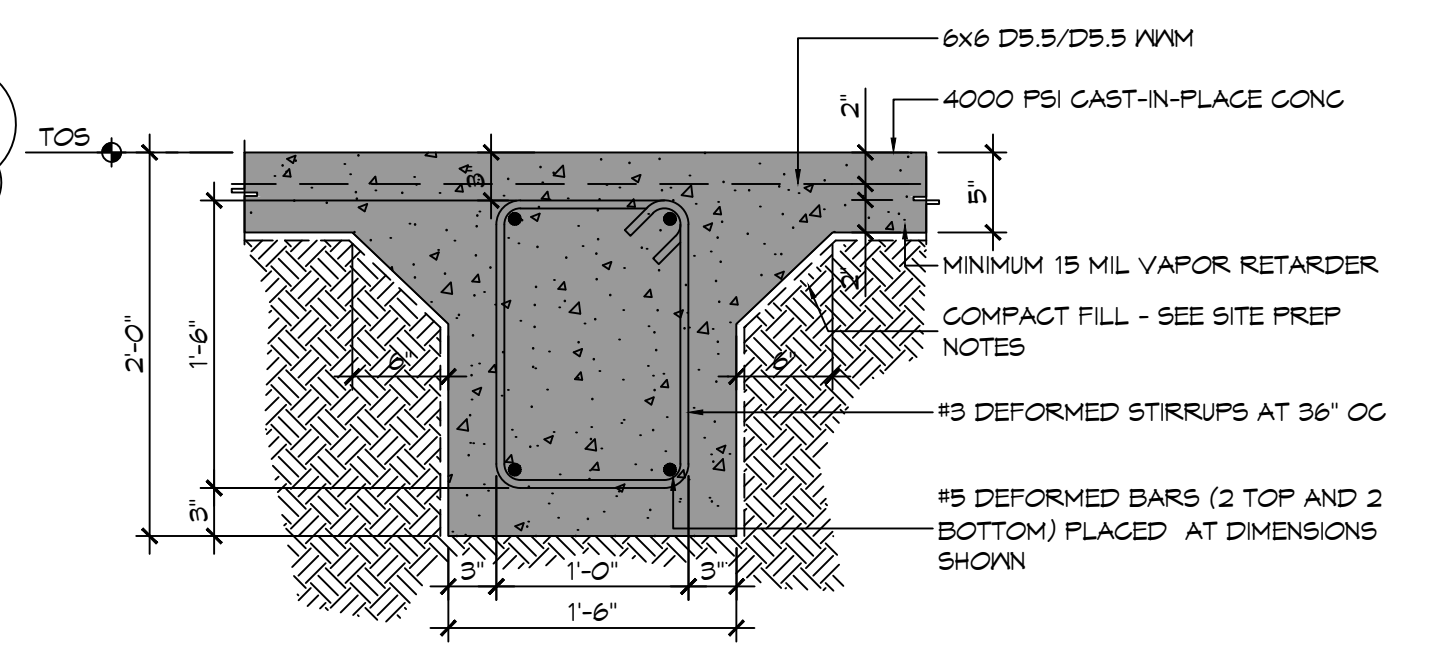
1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS AND DOUBLE UP ON FLOOR JOIST IN THOSE AREAS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH 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 EPFO, 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.



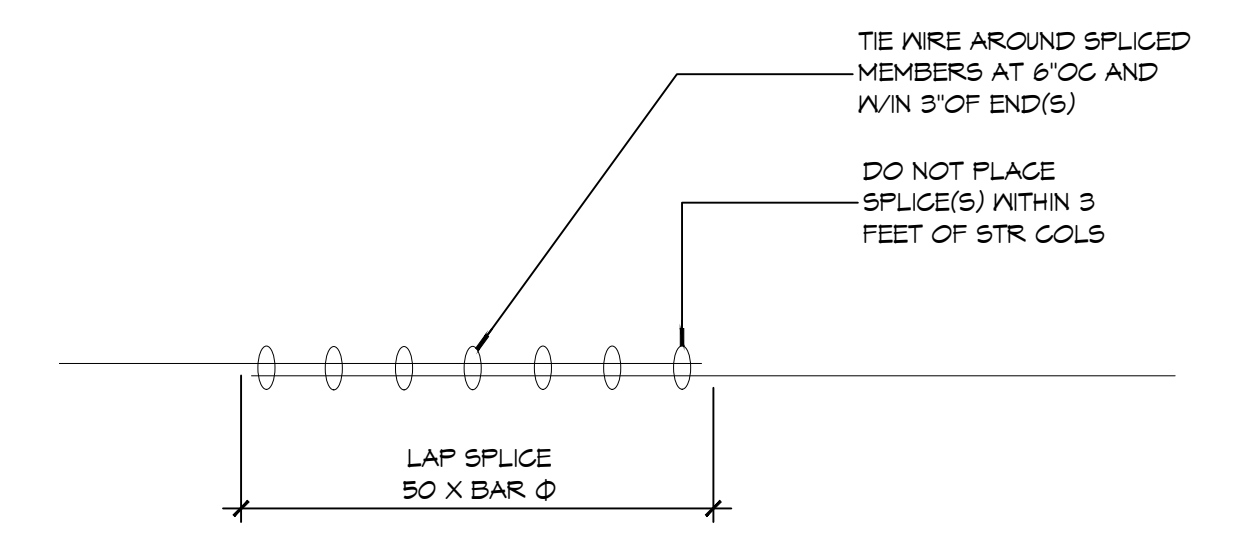
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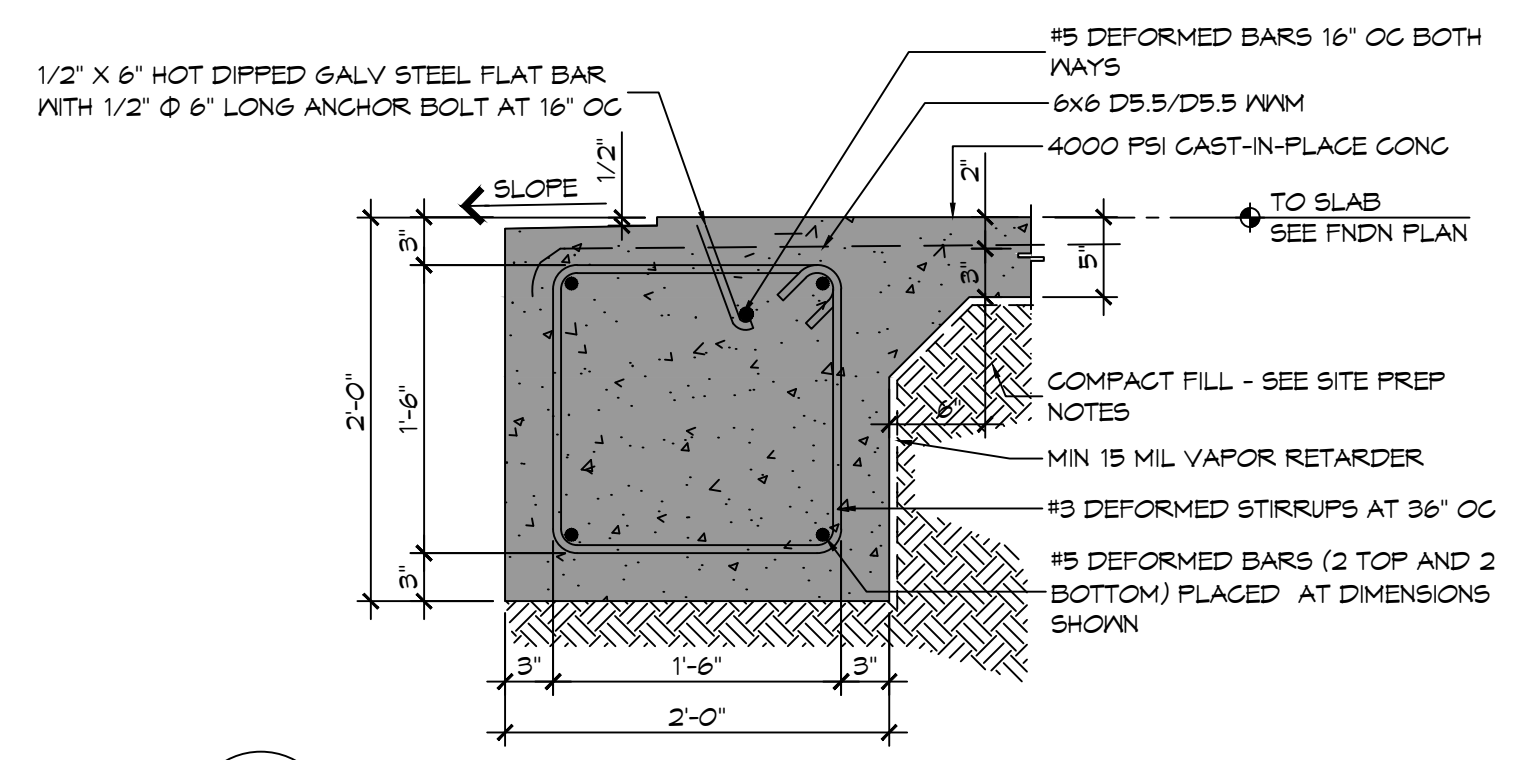
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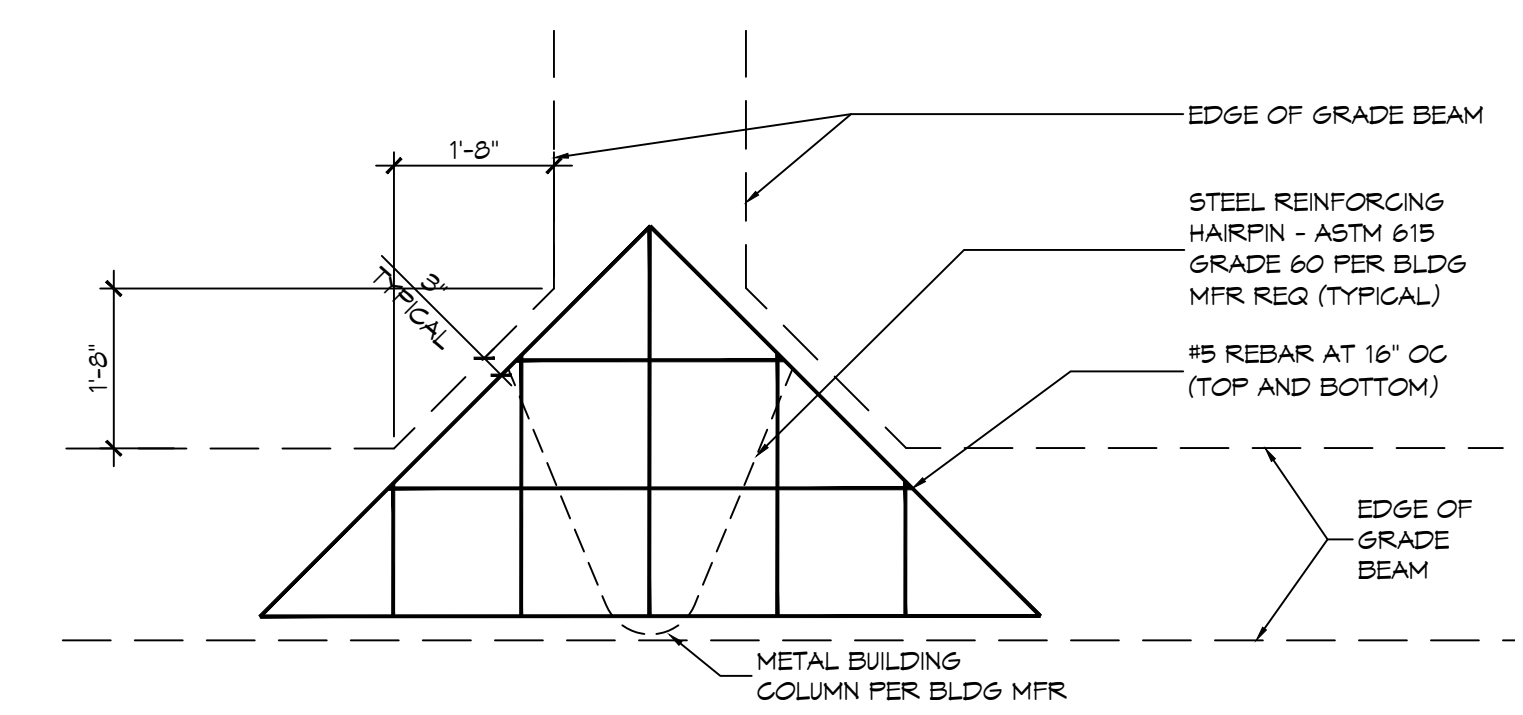
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D SECTION
SCALE: 1" = 1'-0"



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



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

DAMMON ENGINEERING, INC.
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Chief Engineer: Brian Mestich, PE
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Stuart, LA 70468

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
SULLELL, LOUISIANA 70461
JOB No: 2456 DATE: 09-16-2022
DRAWN BY: BAY CHECKED BY: CKD

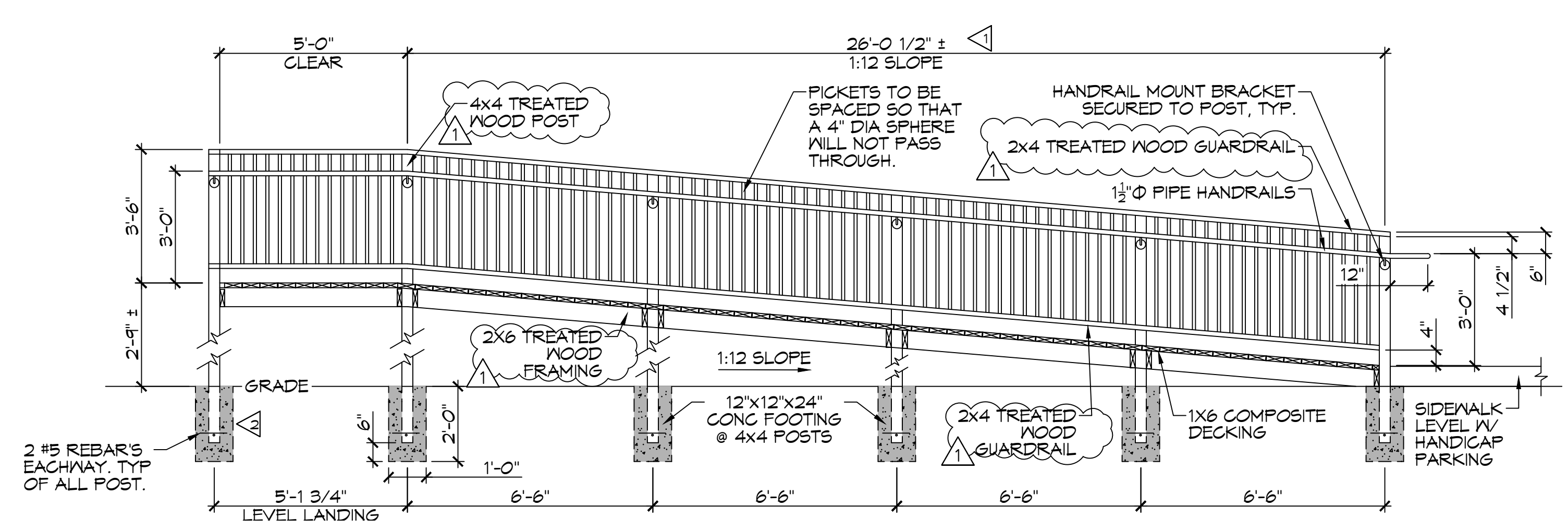
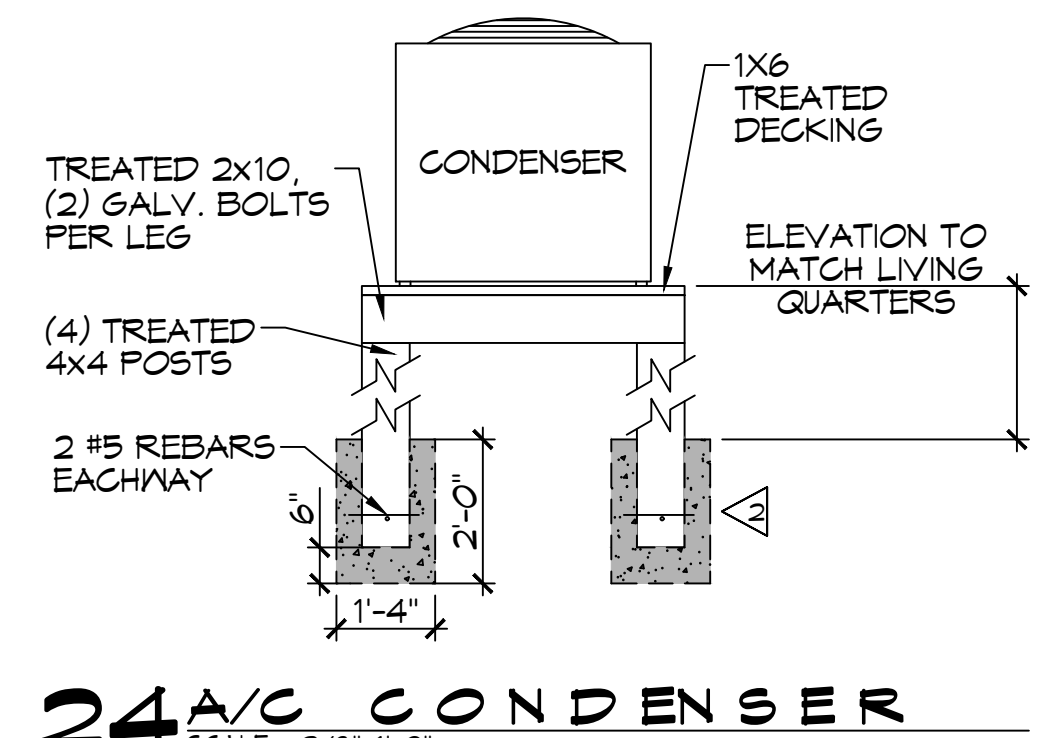
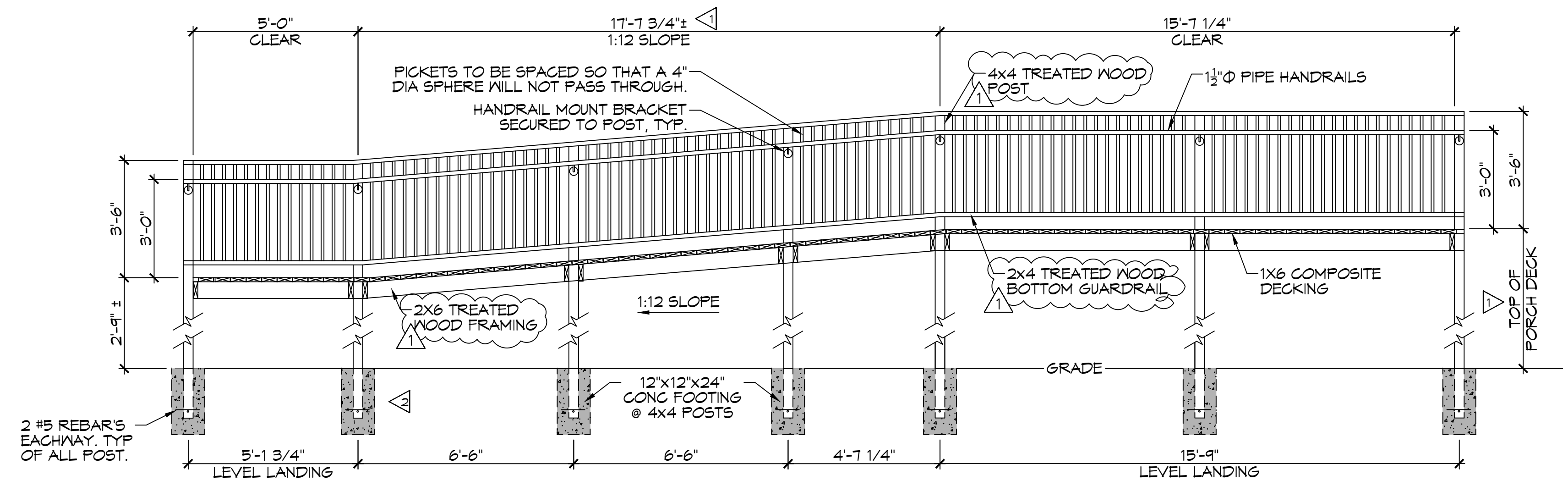
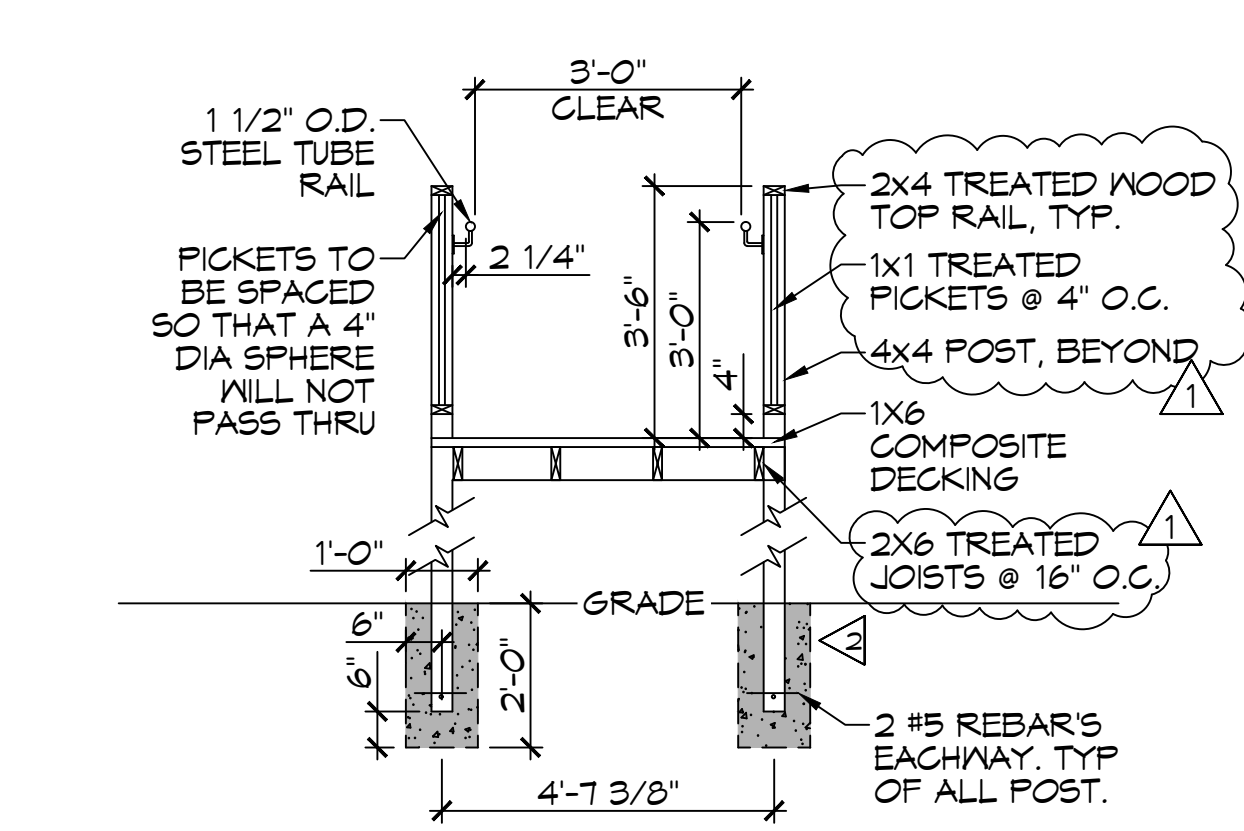
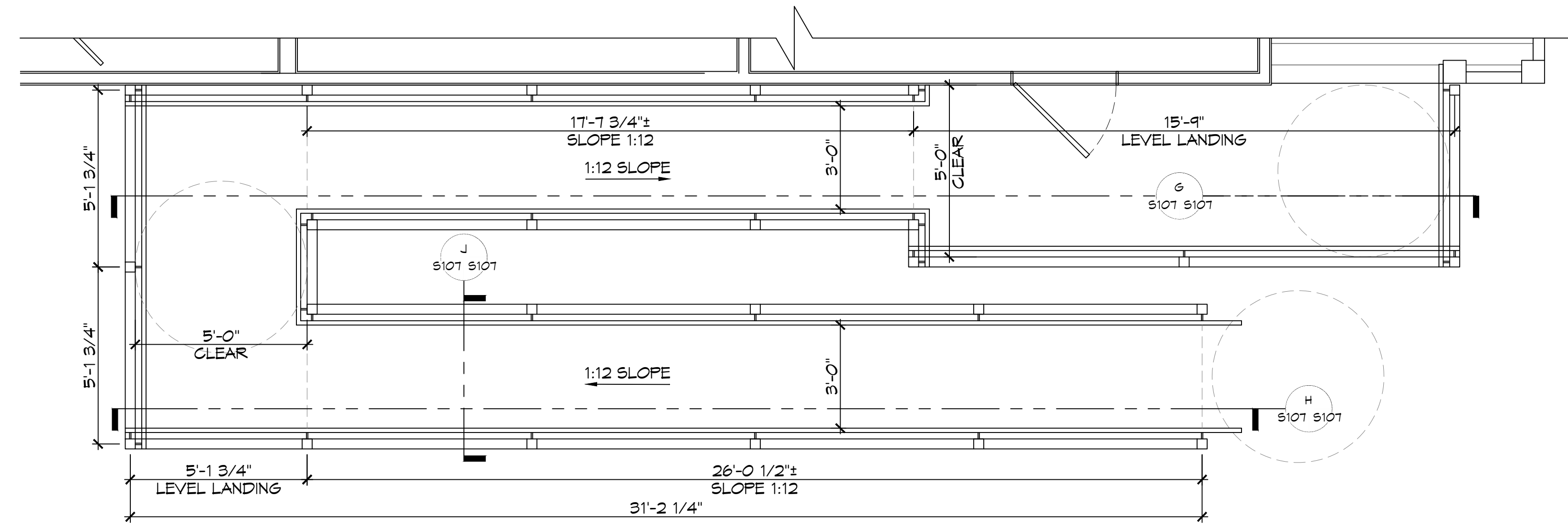
SHEET TITLE:
ENGINE BAY FOUNDATION PLAN

DRAWING NUMBER:
S105

AS-BUILT
1-31-24

SHEET No: 10 of 30

FILE NAME: J:\-Dammon\2456 - Allen Road Fire Station 19\Drawings\2456-19-01-24-ADA Ramp Deck.dwg PLOT DATE: 11/20/24 11:24:24 AM



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

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

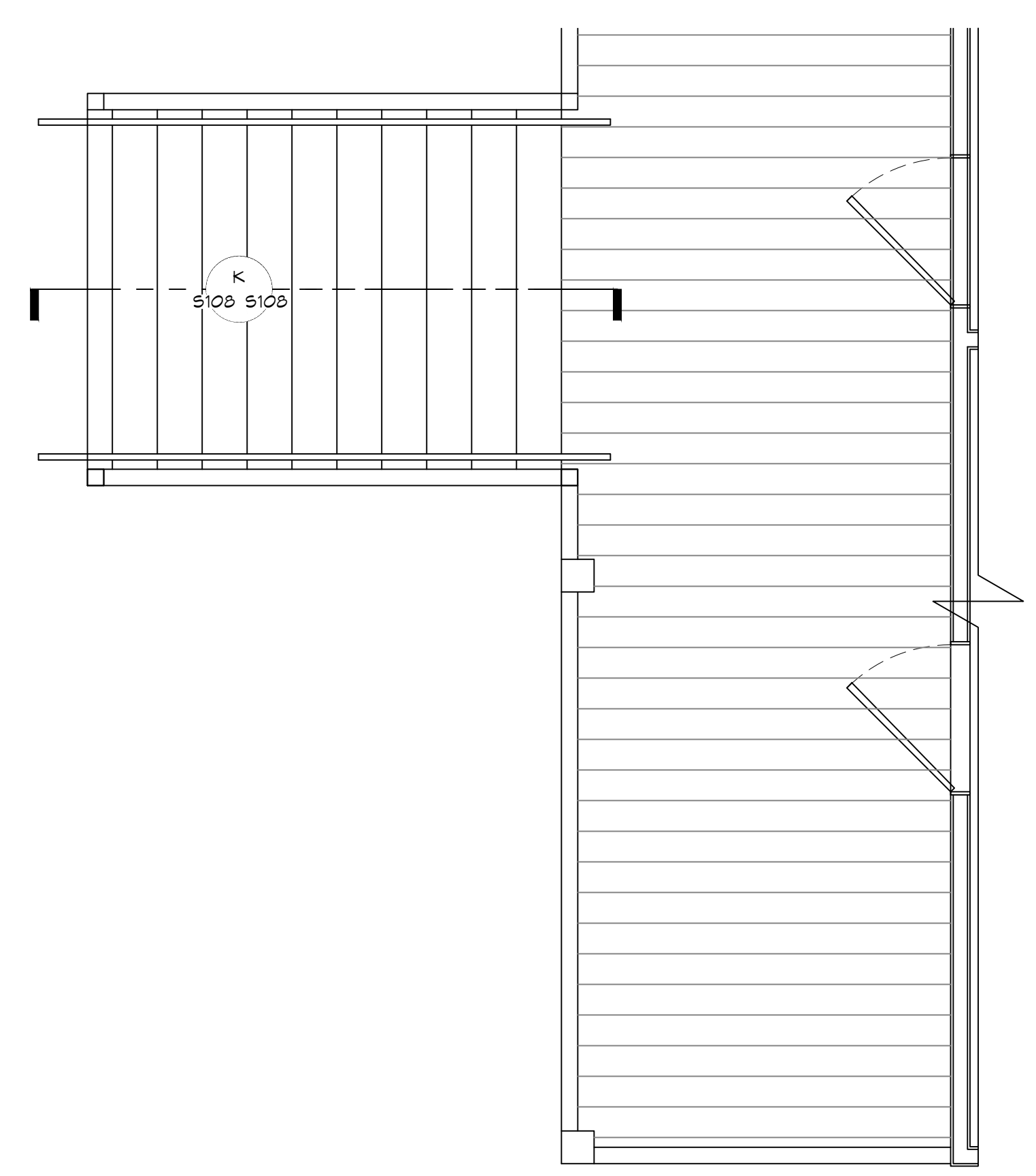


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456 DATE: 05-16-2022
 DRAWN BY: CKD CHECKED BY: BAM

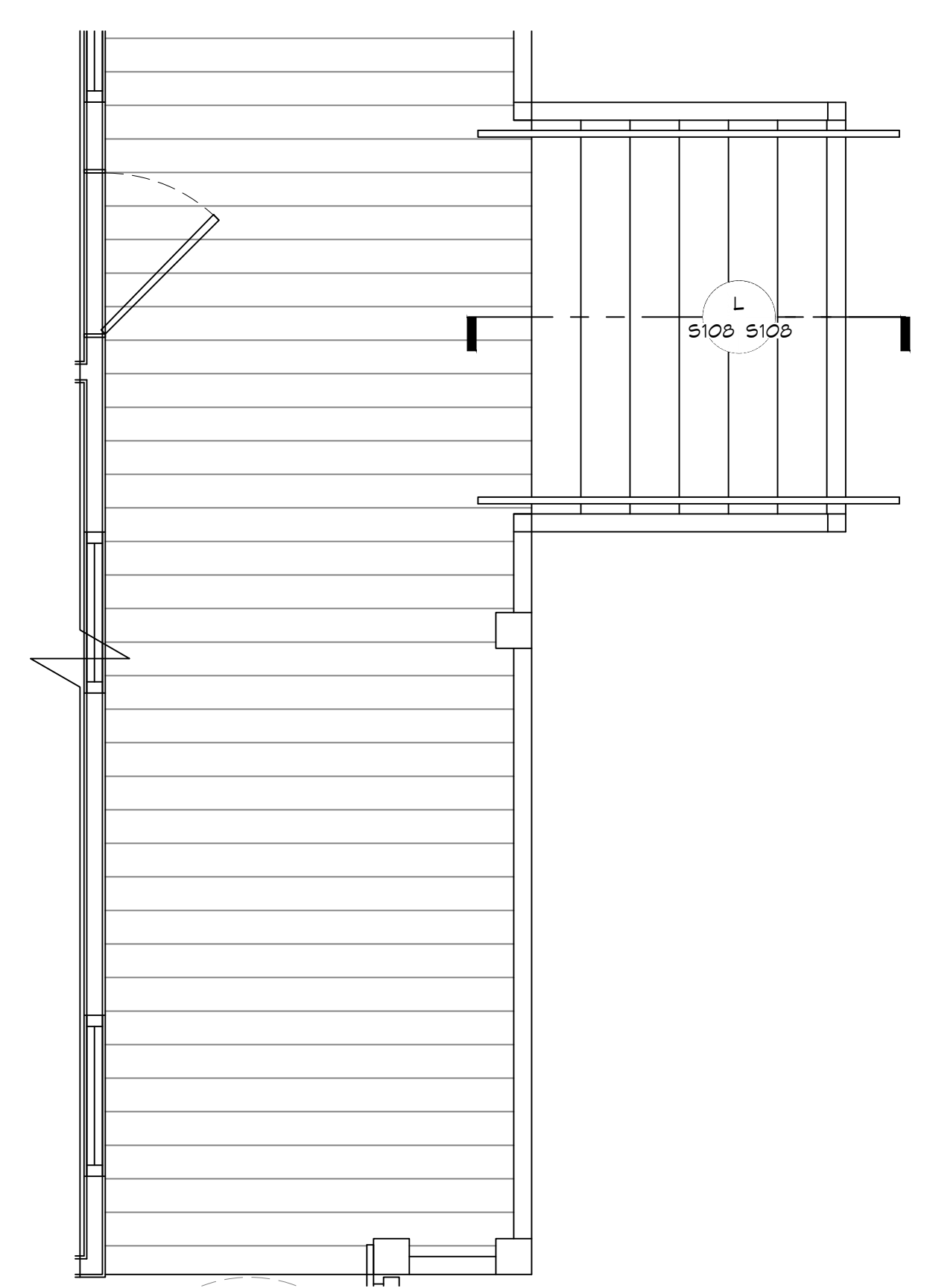
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 ADA RAMP
 DRAWING NUMBER:
S107
 SHEET No: 12 of 30

AS-BUILT
1-31-24

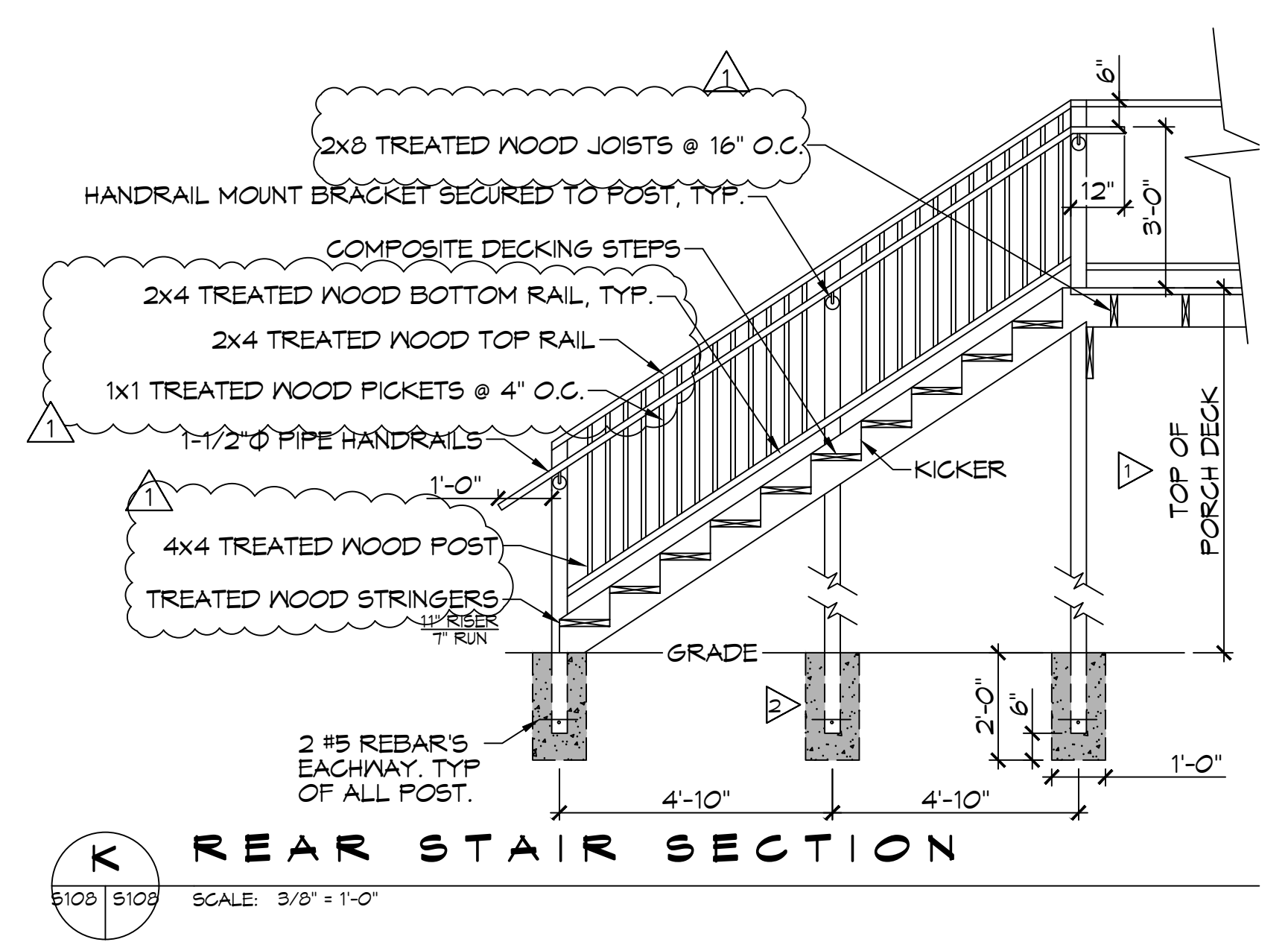
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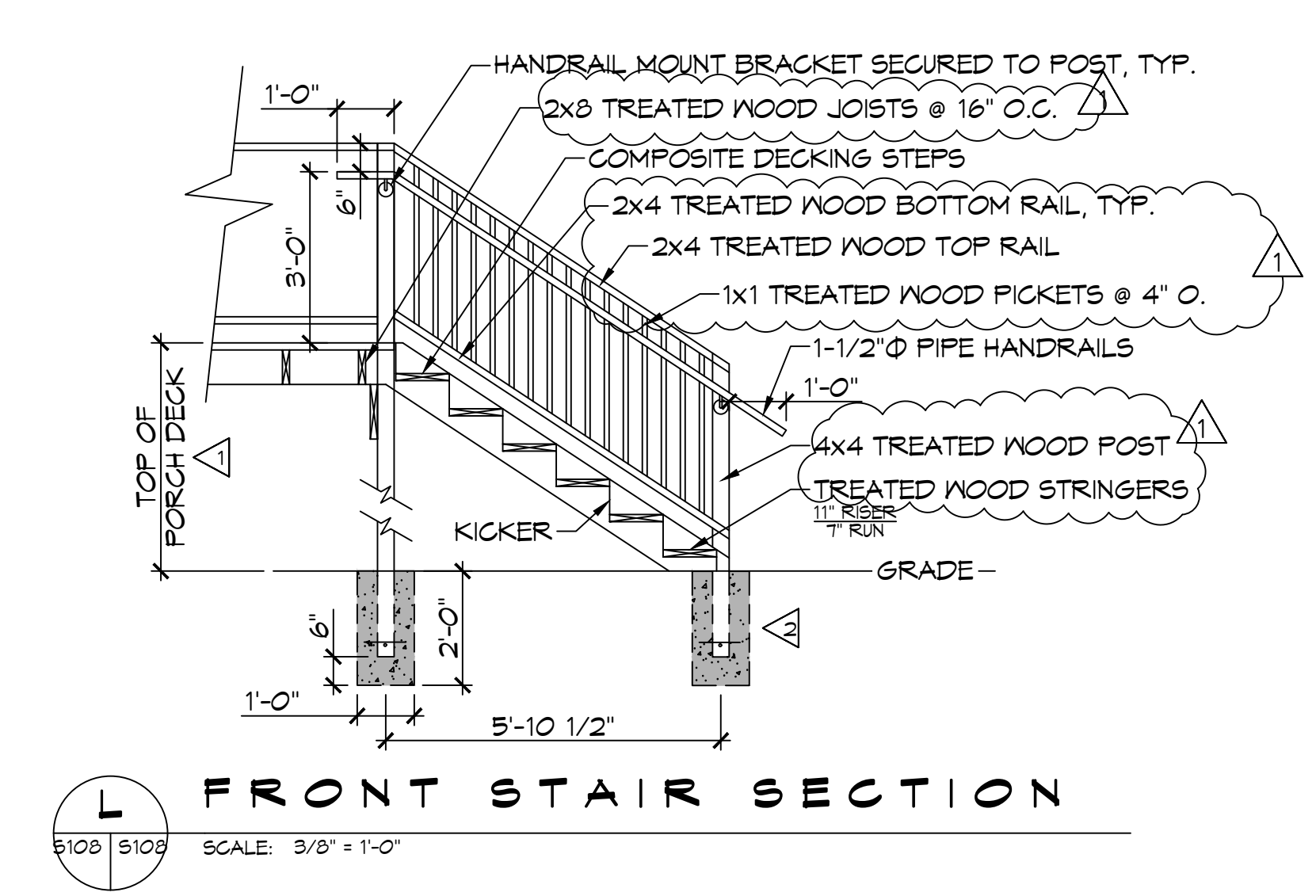
25 BACK PORCH PLAN VIEW
SCALE: 3/8"=1'-0"



26 FRONT PORCH PLAN VIEW
SCALE: 3/8"=1'-0"



K REAR STAIR SECTION
SCALE: 3/8"=1'-0"

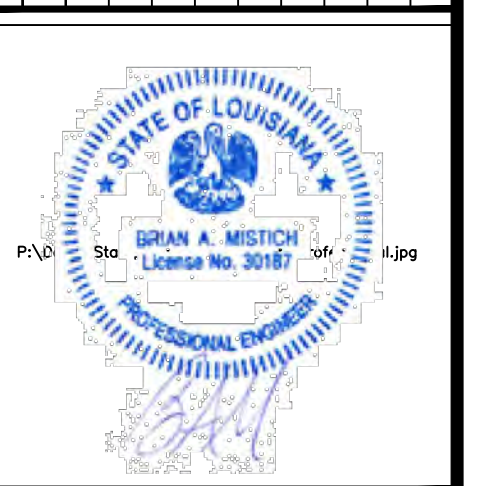


L FRONT STAIR SECTION
SCALE: 3/8"=1'-0"

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

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#	DESCRIPTION	DATE
1	15107 - Revised Treated Lumber for Framing Std	09/30/2022



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: CKD
 CHECKED BY: BAM

SHEET TITLE:
 ADA STAIR PLAN
 DRAWING NUMBER:
S108
 SHEET No: 13 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'-11"	6'-10"	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	58 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

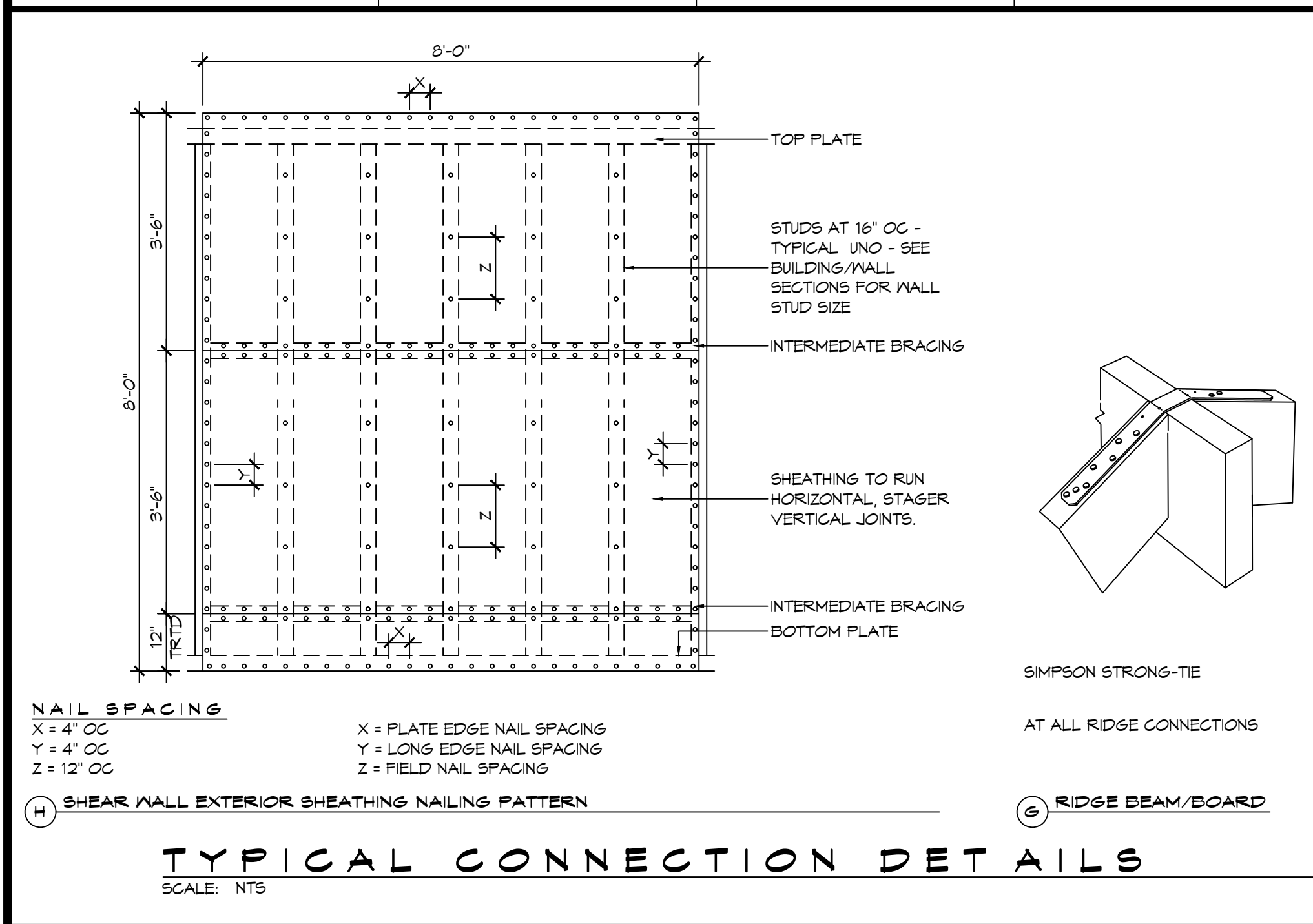


TABLE S102.5 - JACK STUD REQ - INT LOADBEARING WALLS

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	

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

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF LIVE LOAD 20 PSF				GROUND SNOW LOAD 30 PSF					
		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" (4-2X) EACH 1/2" PLYWOOD SPACER BETWEEN

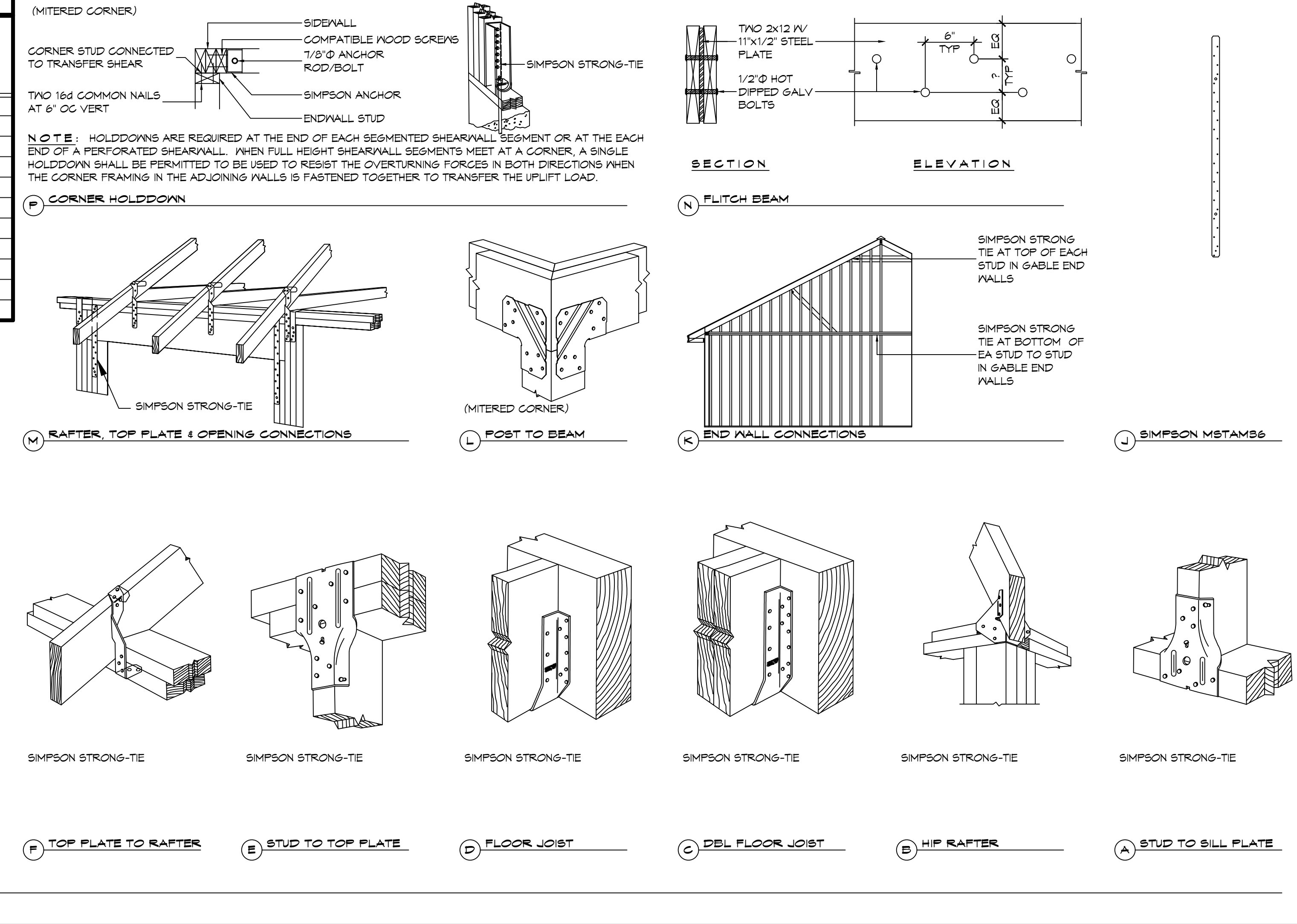


TABLE S102.3 - NAILING SCHEDULE

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
	INSULATION ENTIRELY ABOVE DECK	METAL BUILDING	U-0.048	R-20.0 c.i.
WALLS, ABOVE GRADE	METAL BUILDING	U-0.065	R-19	
	ATTIC AND OTHER	U-0.027	R-30	
	MASS	U-0.151 @	R-5.7 c.i. @	
FLOORS	METAL BUILDING	U-0.113	R-13.0	
	STEEL-FRAMED	U-0.124	R-13.0	
	WOOD-FRAMED AND OTHER	U-0.089	R-13.0	
SLAB-ON-GRADE	MASS	U-0.107	R6-3 c.i.	
	STEEL JOIST	U-0.052	R-19.0	
	WOOD FRAMED AND OTHER	U-0.051	R-19.0	
OPAQUE DOORS	UN-HEATED	F-0.730	NR	
	SPRINGING	U-0.700	NR	
	NON-SPRINGING	U-1.450	NR	

CL = 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.

CL = CONTINUOUS INSULATION; NR = NO INSULATION REQUIREMENT; @ = EXCEPTION APPLIES

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.

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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#	DESCRIPTION	DATE

STATE OF LOUISIANA

BRIAN A. MISTICICH
License No. 30187

PROFESSIONAL ENGINEER

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

FIRE STATION 19

5704 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB NO: 2456
 DATE: 05-16-2022
 DRAWN BY: D/D/K/LK
 CHECKED BY: BAW

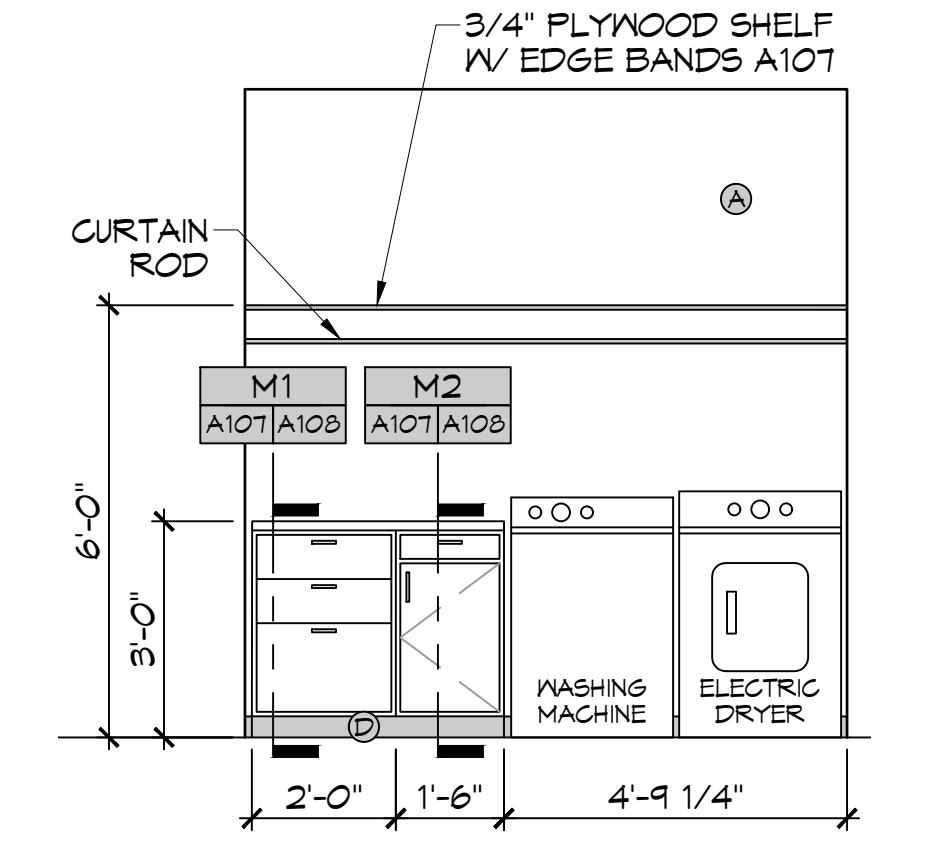
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1-31-24

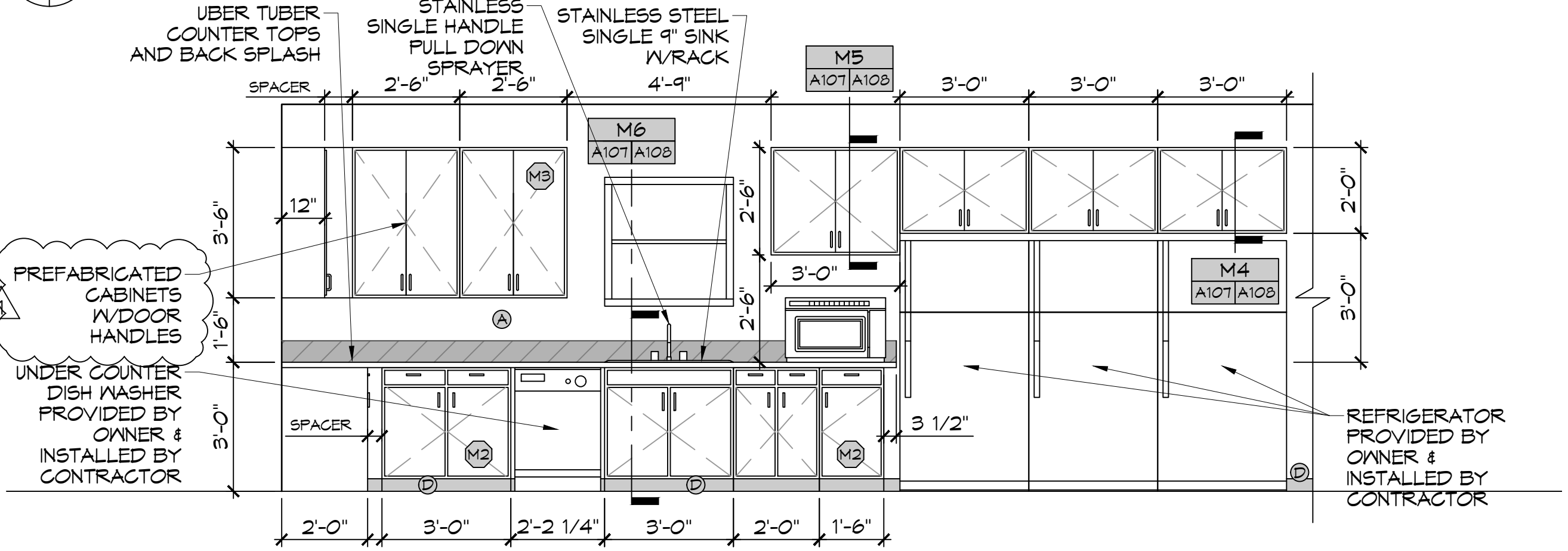
S109

SHEET TITLE: TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
 DRAWING NUMBER:
 SHEET No: 14 of 30

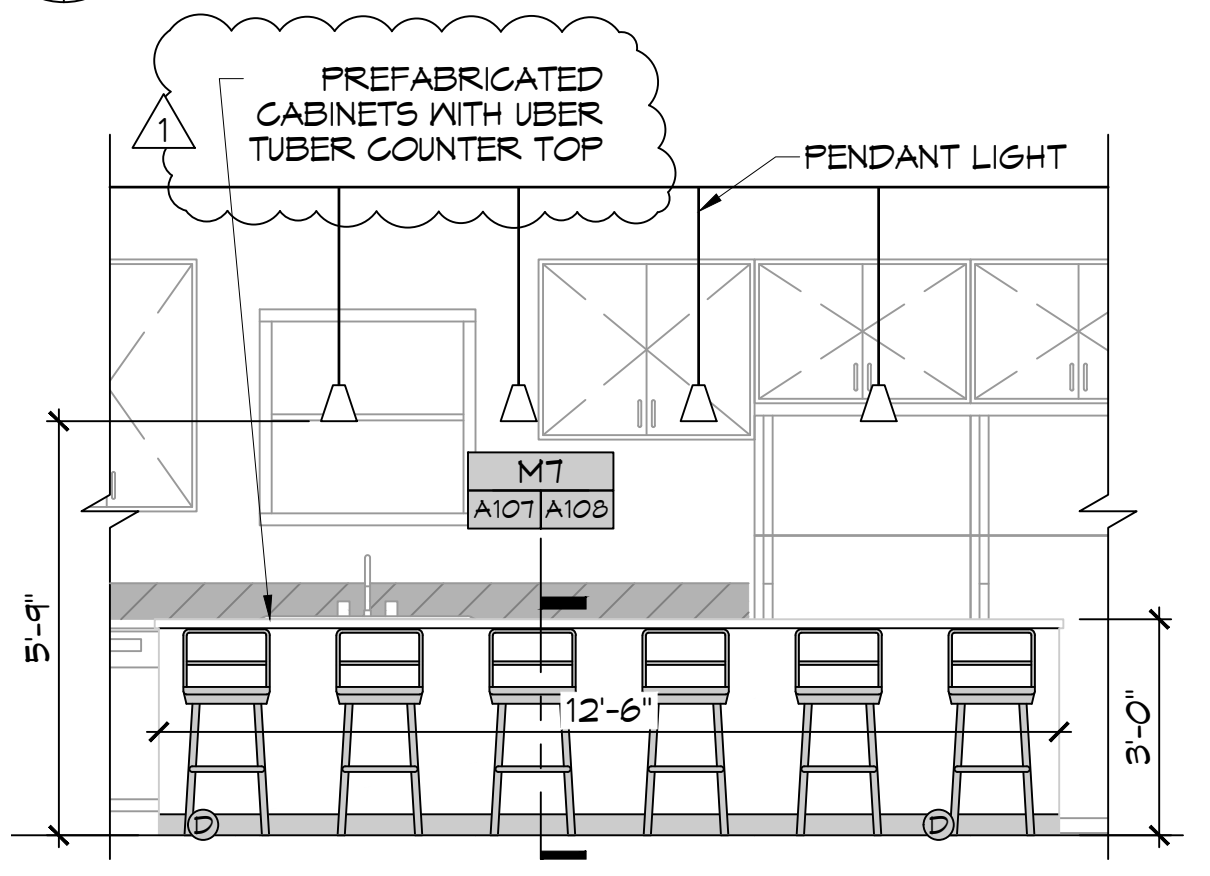
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 PLOT SHEET: 1 of 30



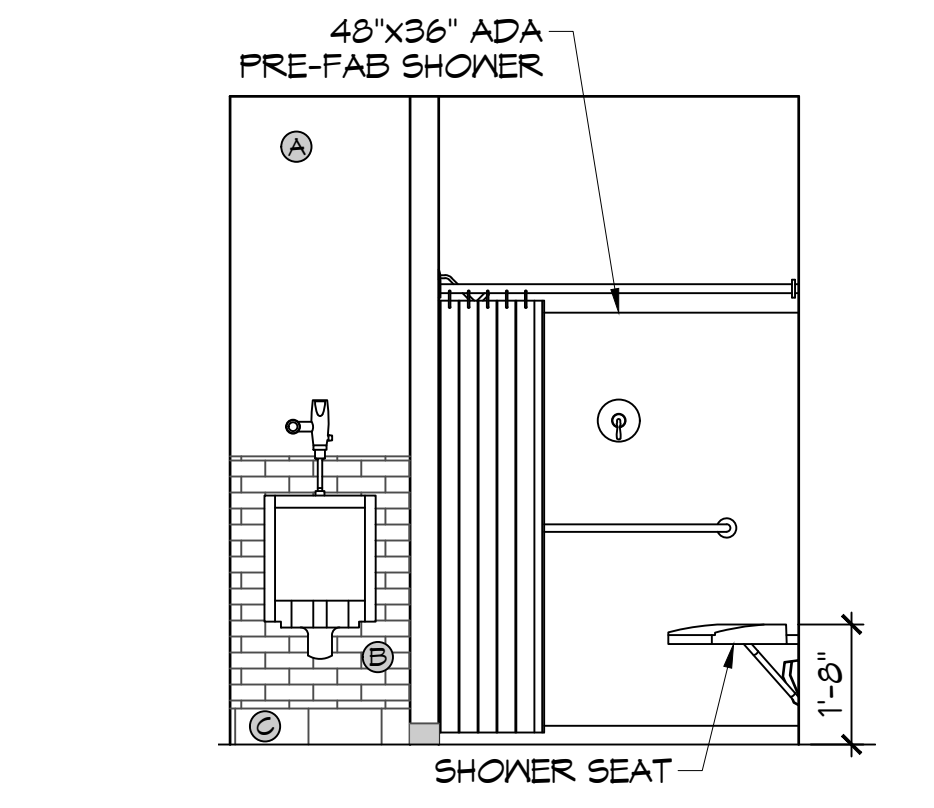
A UTILITY ROOM
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



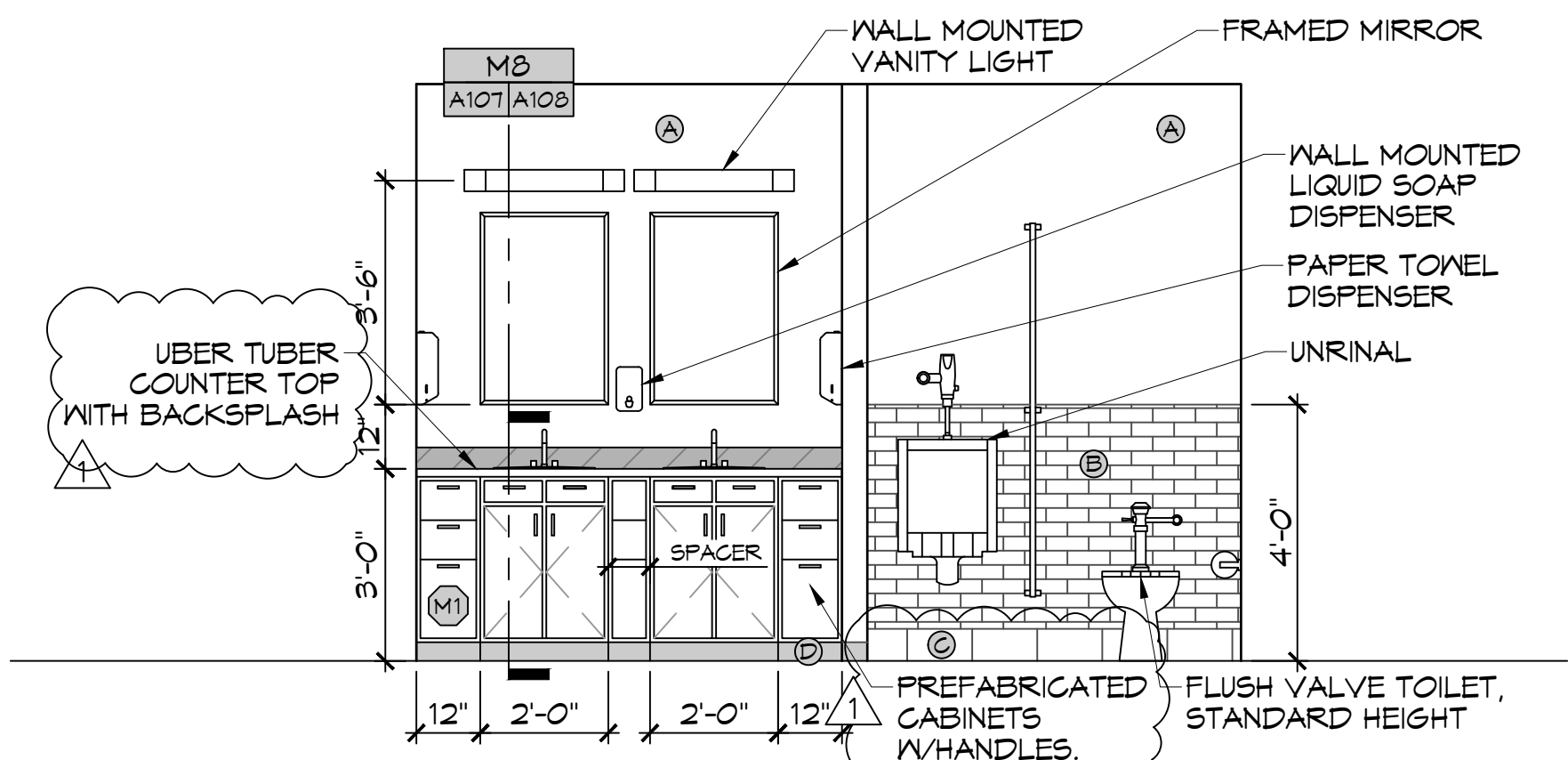
C KITCHEN-NORTH
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



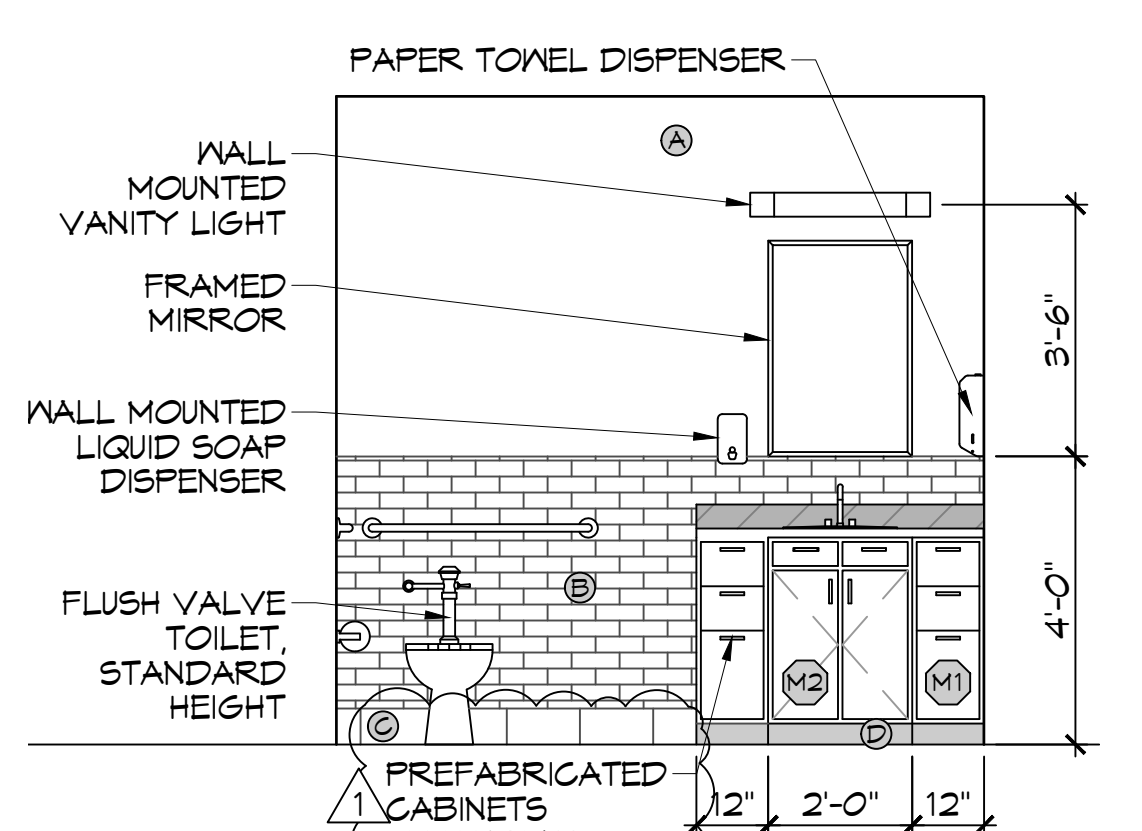
E BREAKFAST BAR - NORTH
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



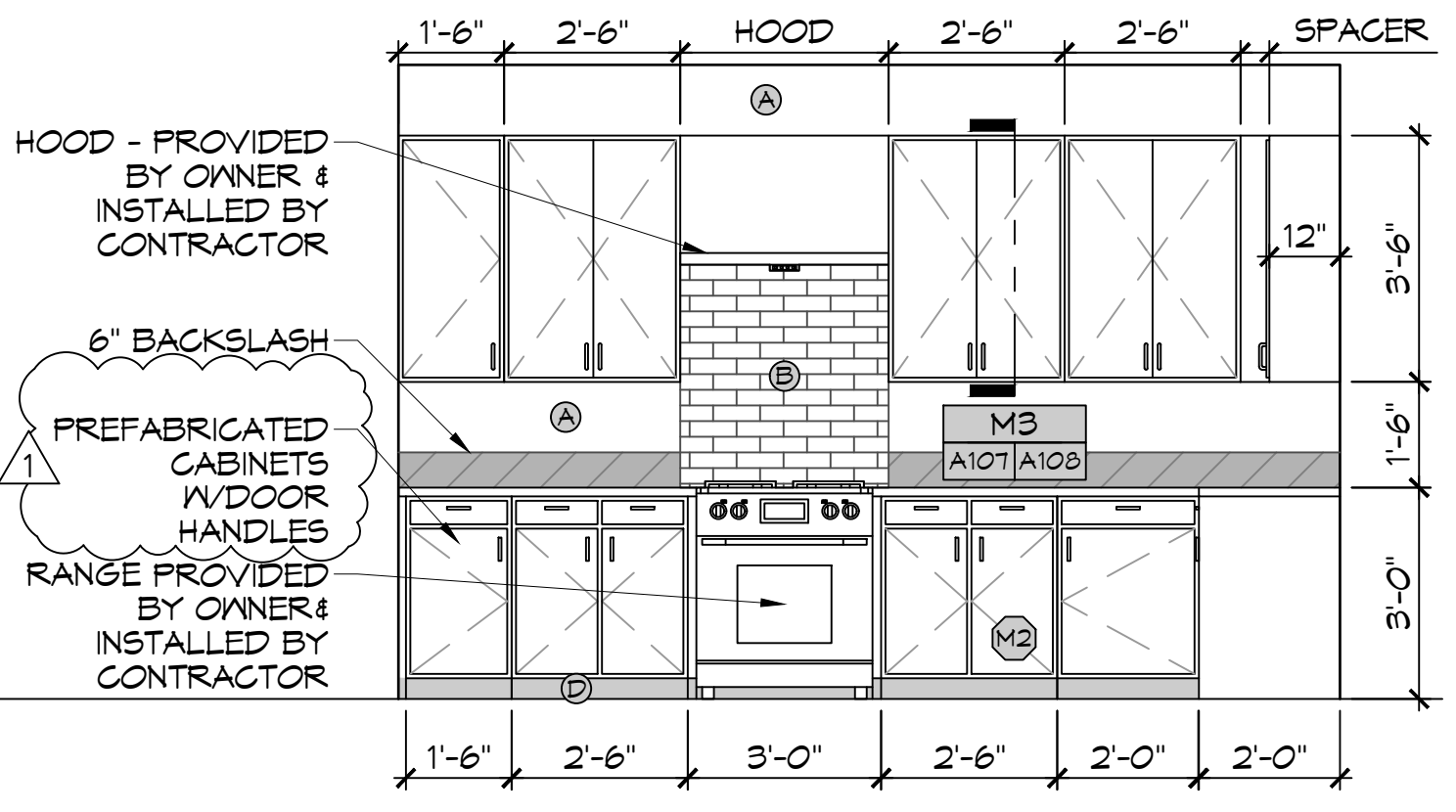
H REST ROOM - WEST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



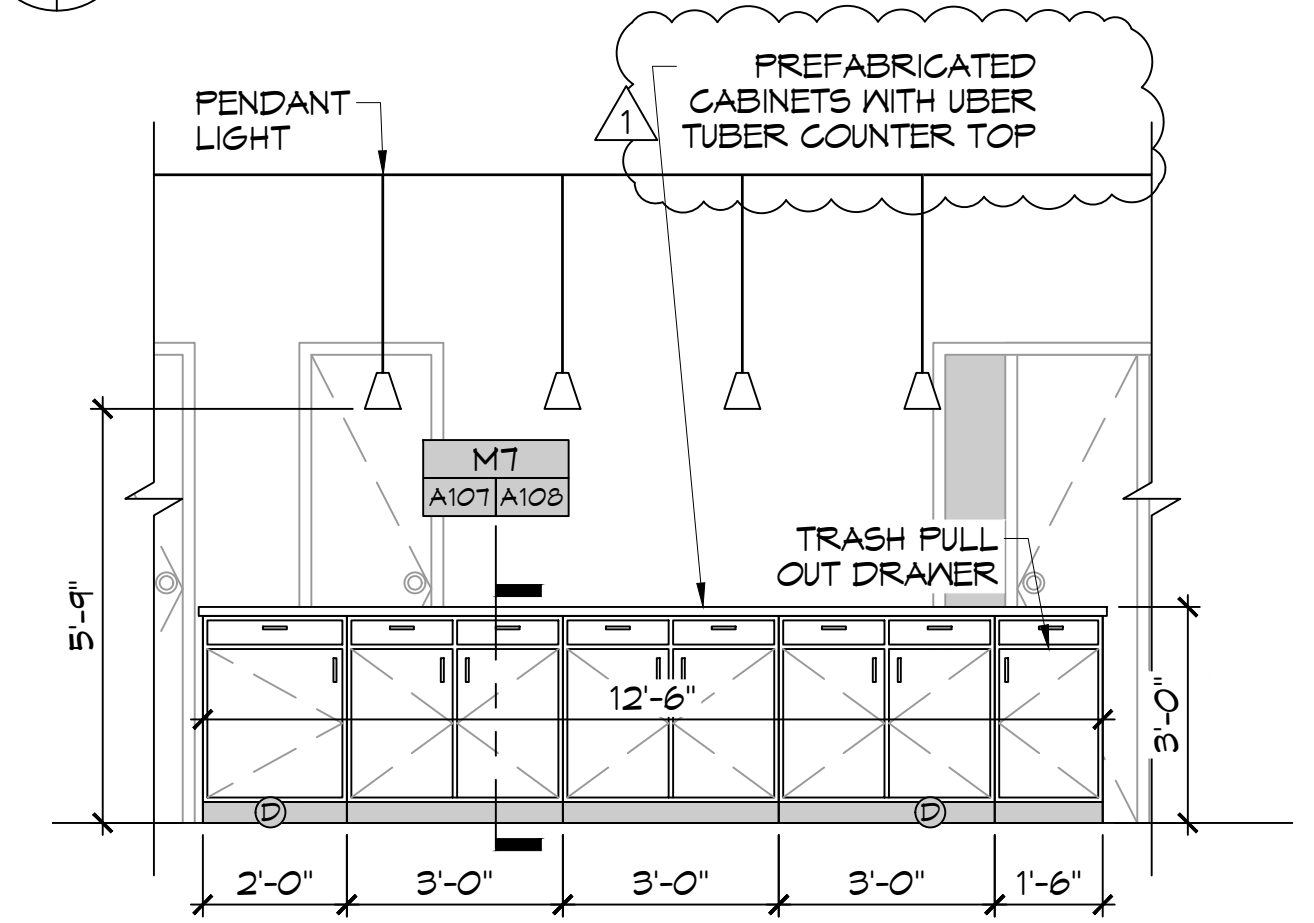
F REST ROOM - EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



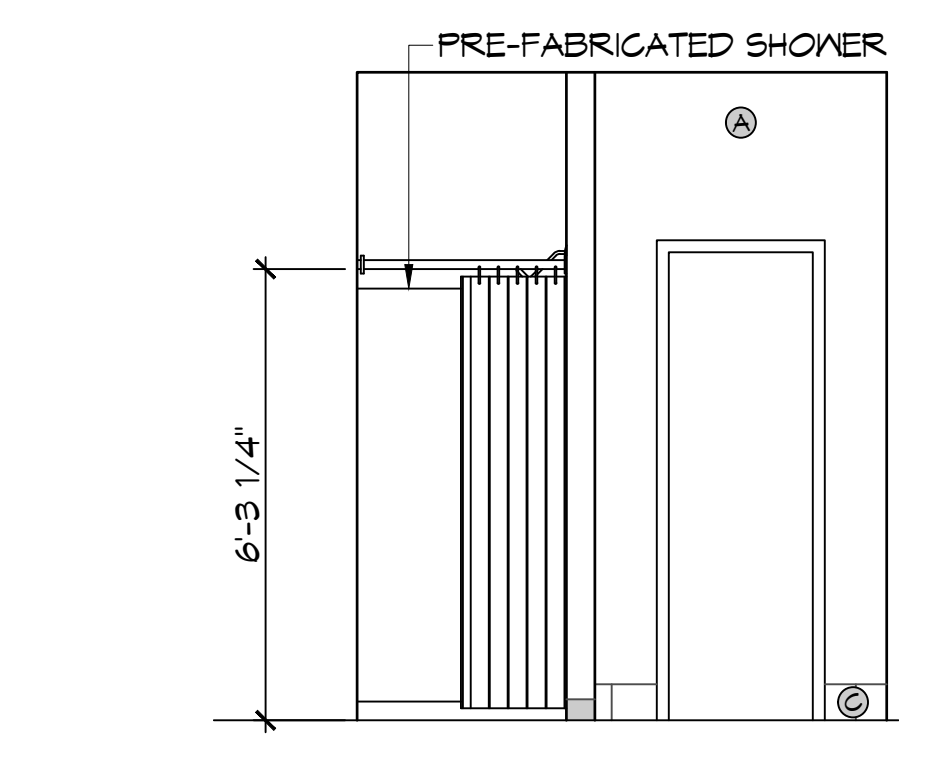
J REST ROOM - WEST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



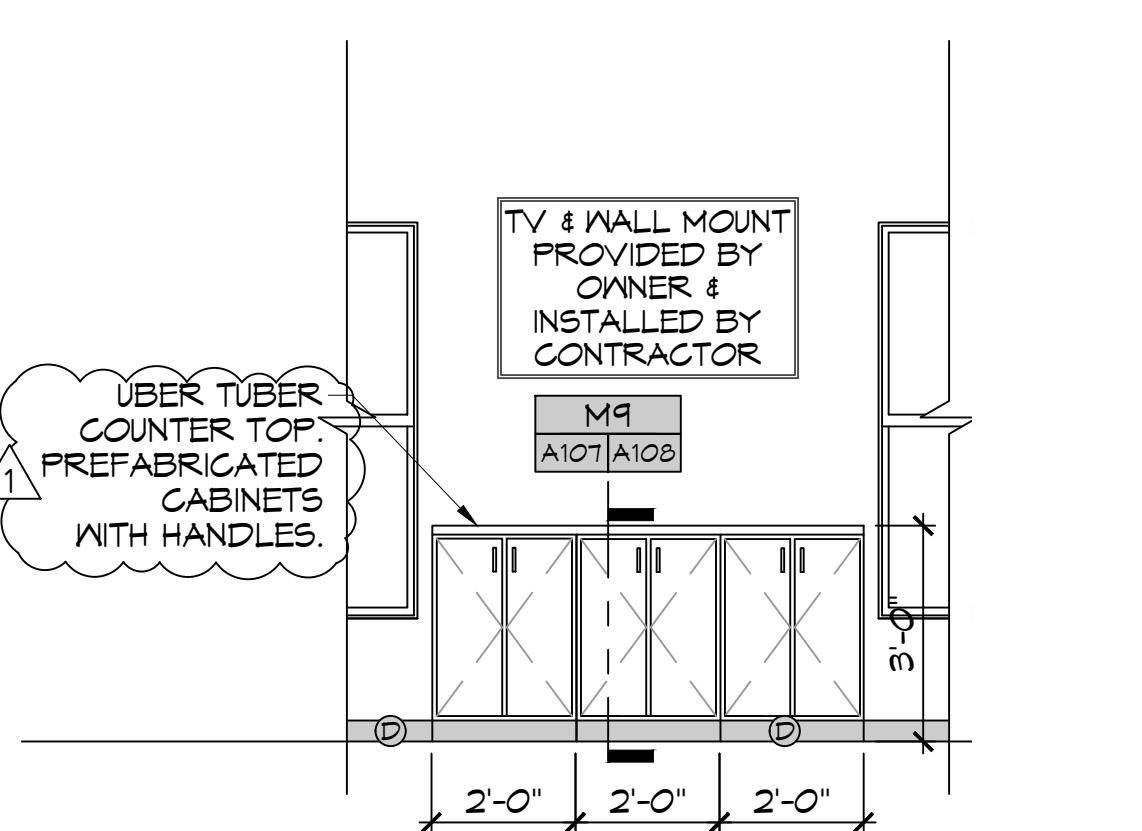
B KITCHEN-EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION



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



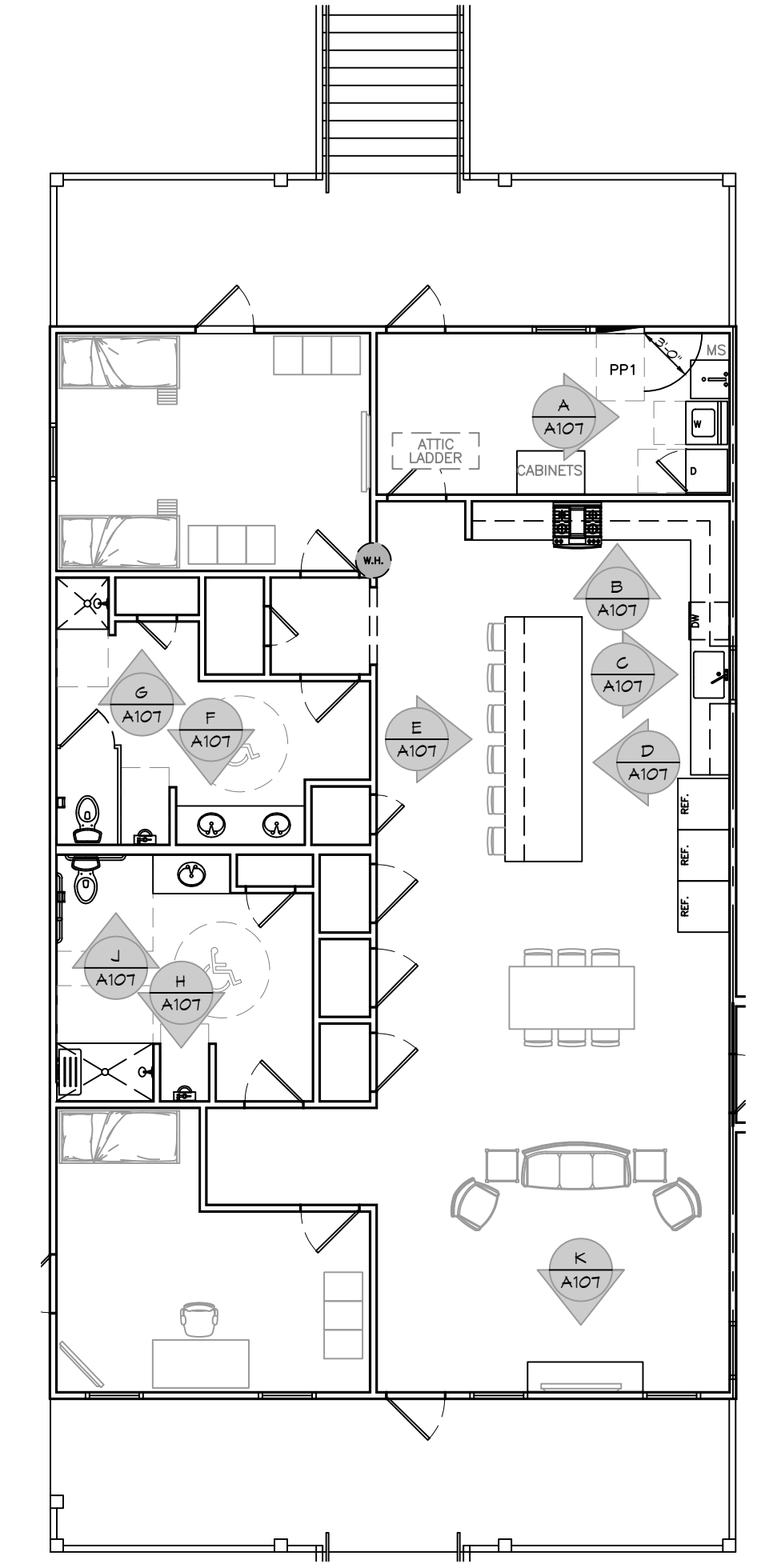
K LIVING ROOM-EAST
 A107 | A107 SCALE: 3/8" = 1'-0" INTERIOR ELEVATION

- ### 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"

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI
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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

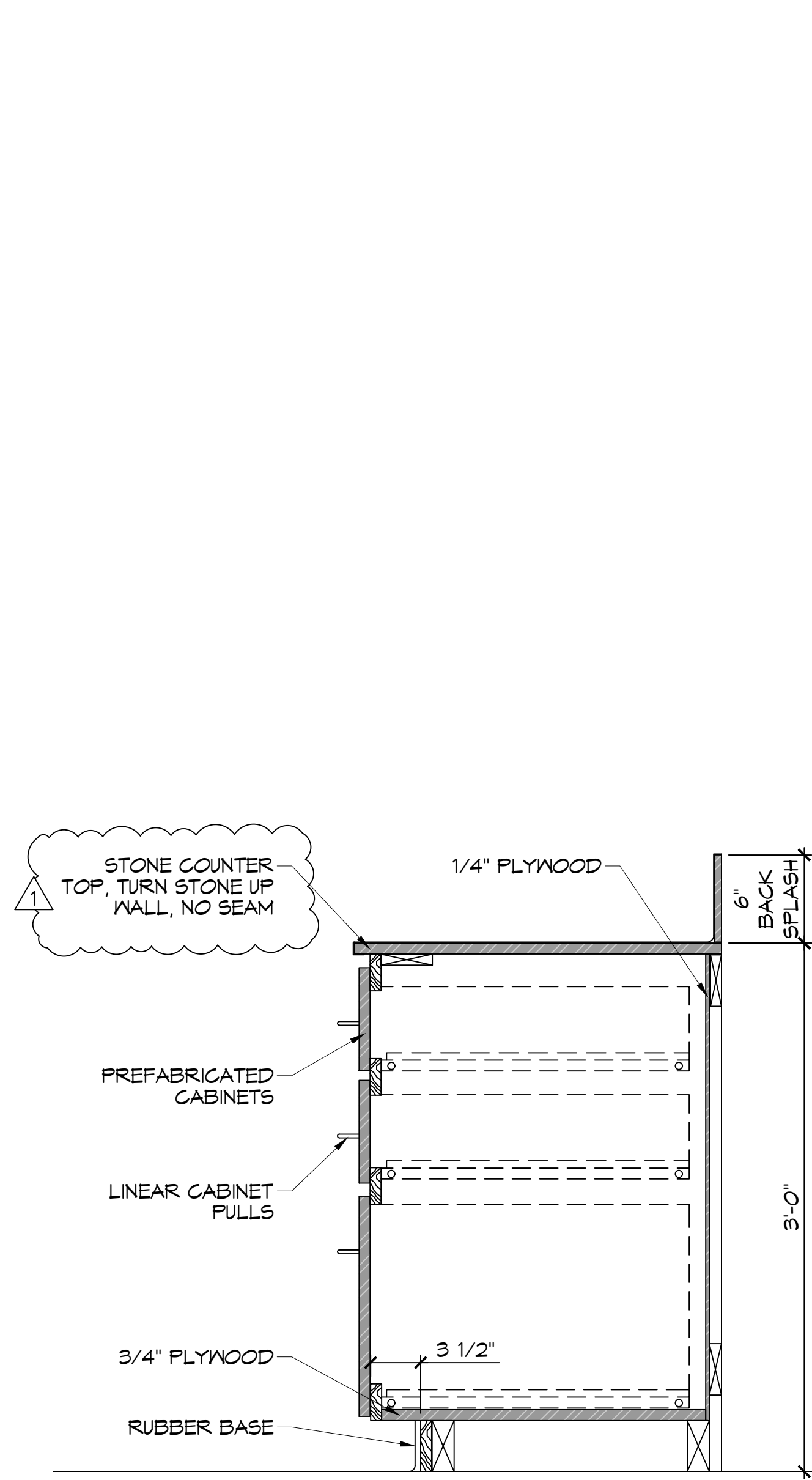
SHEET No: 21 of 30

GENERAL CASEWORK NOTES

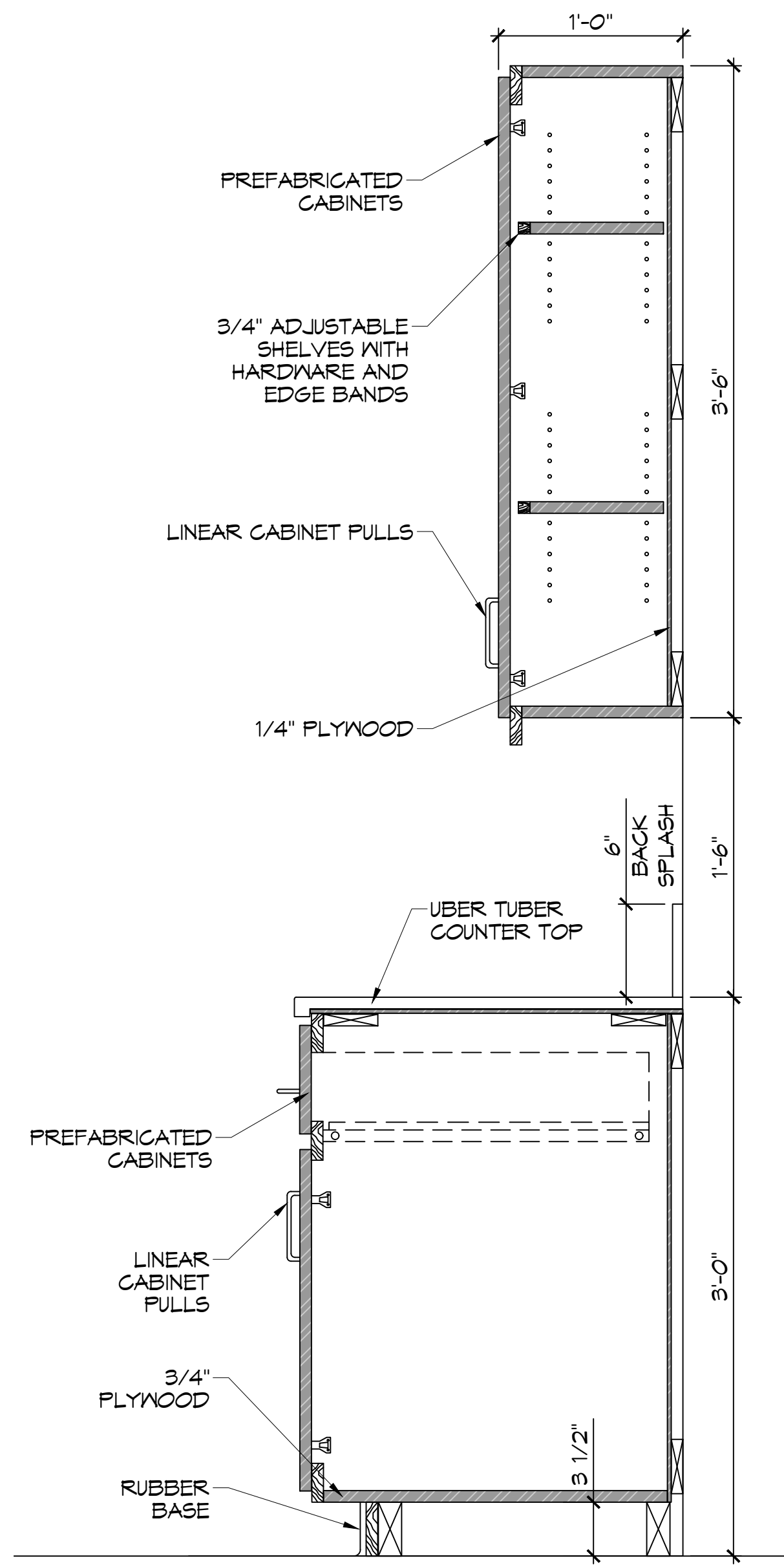
1. ALL KNEE SPACES SHALL HAVE 23 INCH MINIMUM VERTICAL CLEARANCE.
2. AT 90° INSIDE CORNERS OF BASE AND TOP CABINETS, PROVIDE CORNER CABINETS WITH SHELVING ACCESSIBLE FROM AT LEAST ONE SIDE.
3. WHERE GROMMETS ARE SHOWN, PROVIDE MCKETT PUS-90 OR APPROVED EQUAL. HOLES SHALL BE FIELD DRILLED AND SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH OWNER.
4. PROVIDE BRACES FOR UNSUPPORTED COUNTERTOPS AT 4 FEET MAXIMUM SPACING. INDICATE LOCATION OF BRACES ON SHOP DRAWINGS. BRACES SHALL HAVE A BEARING DEPTH OF AT LEAST 2/3 THE DEPTH OF THE SURFACE BEING SUPPORTED. PROVIDE BRACES WITH A 90° ANGLE BETWEEN THE HORIZONTAL AND VERTICAL LEGS AND SHALL NOT INTERFERE WITH ADA CLEARANCE REQUIREMENTS, AND COMPLY WITH DETAILS PROVIDED IN THE DRAWINGS.
5. SUPPORT BRACKETS SHALL NOT INTERFERE WITH MOUNTING OF SINKS/LAVATORIES.
6. CABINETWORK/CASEWORK, BASES AND COUNTERTOPS SHALL HAVE SEALANT AT ALL JUNCTURES WITH EACH OTHER AND ALL OTHER ADJOINING SURFACES/MATERIALS EVEN THOUGH JOINTS MAY NOT BE VISIBLE. ALL SEALANT IS REQUIRED TO BE COLOR-COORDINATED TO MATCH THE COLOR OF THE ADJACENT SURFACE. WHEN THE TWO ADJACENT SURFACES ARE DIFFERENT, CONTRACTOR SHALL SPECIFICALLY REQUEST THAT THE ARCHITECT IDENTIFY WHICH SURFACE COLOR SHALL BE MATCHED.

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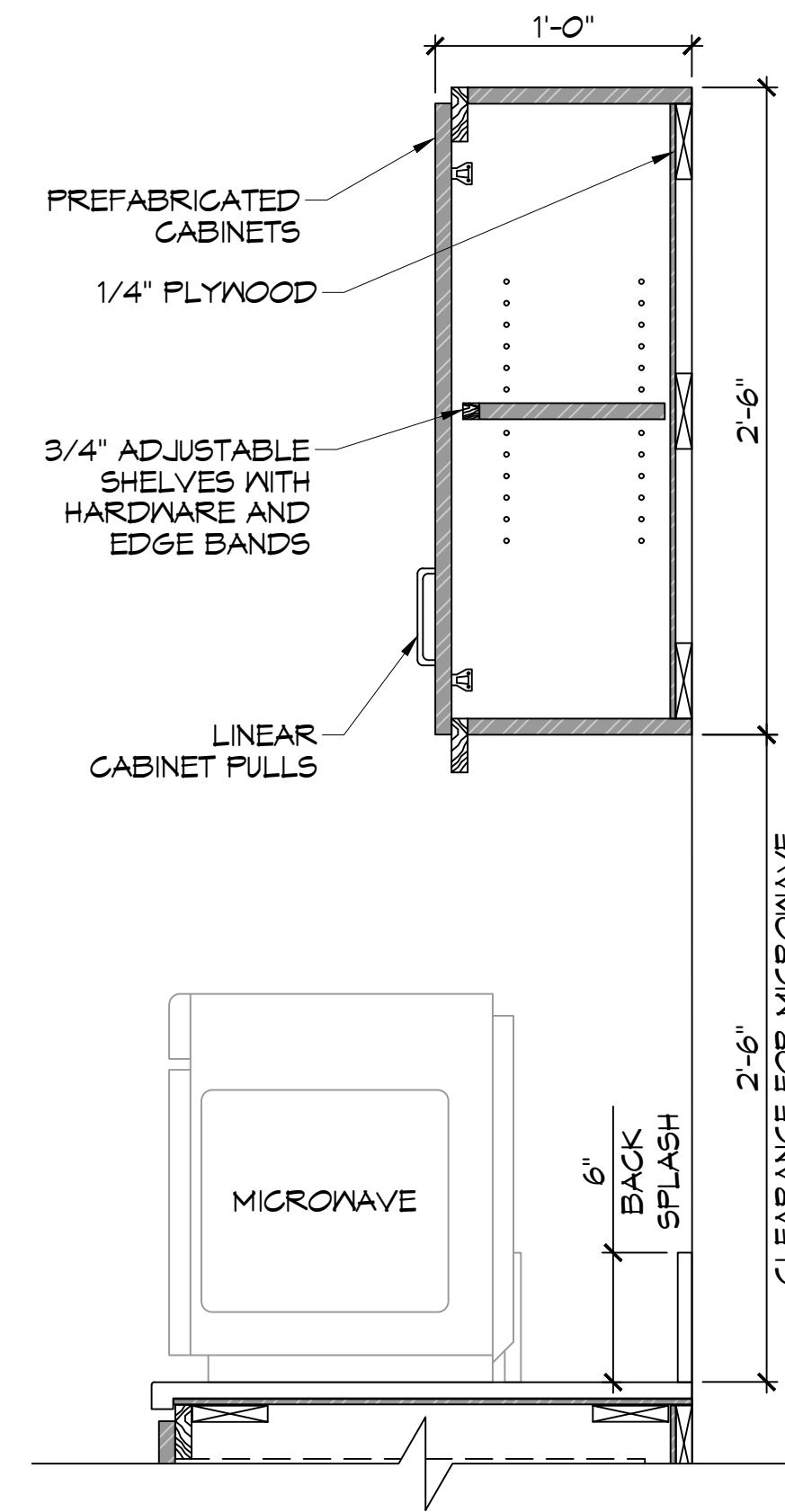
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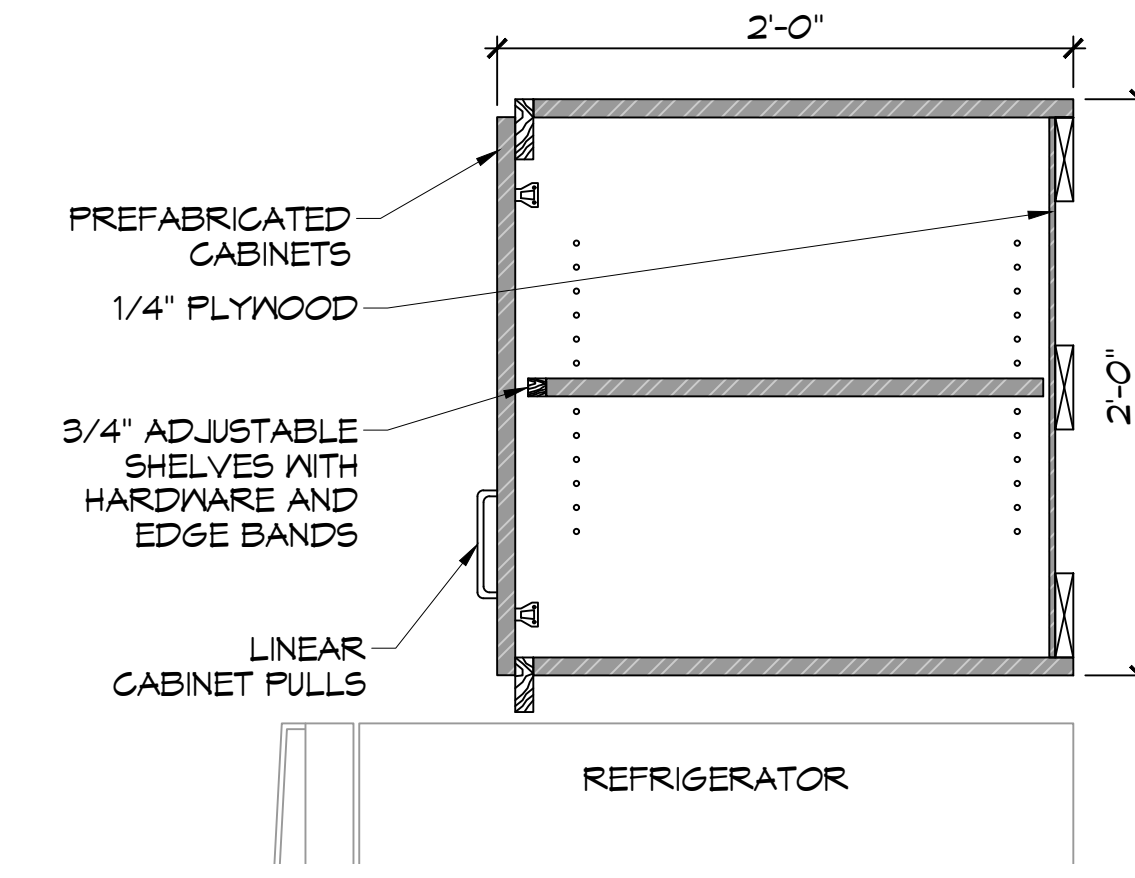
M1 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION



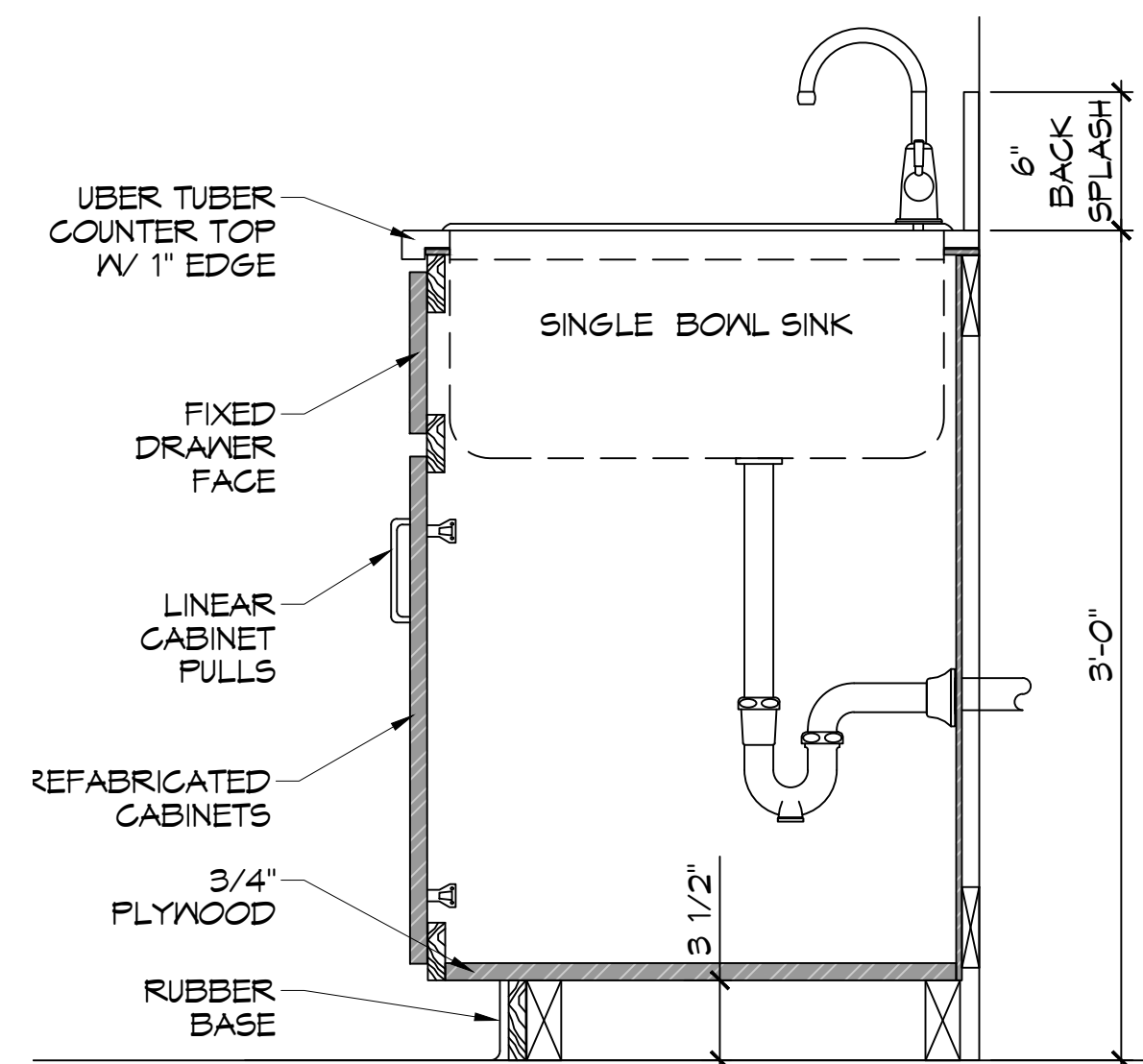
M2/M3 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION



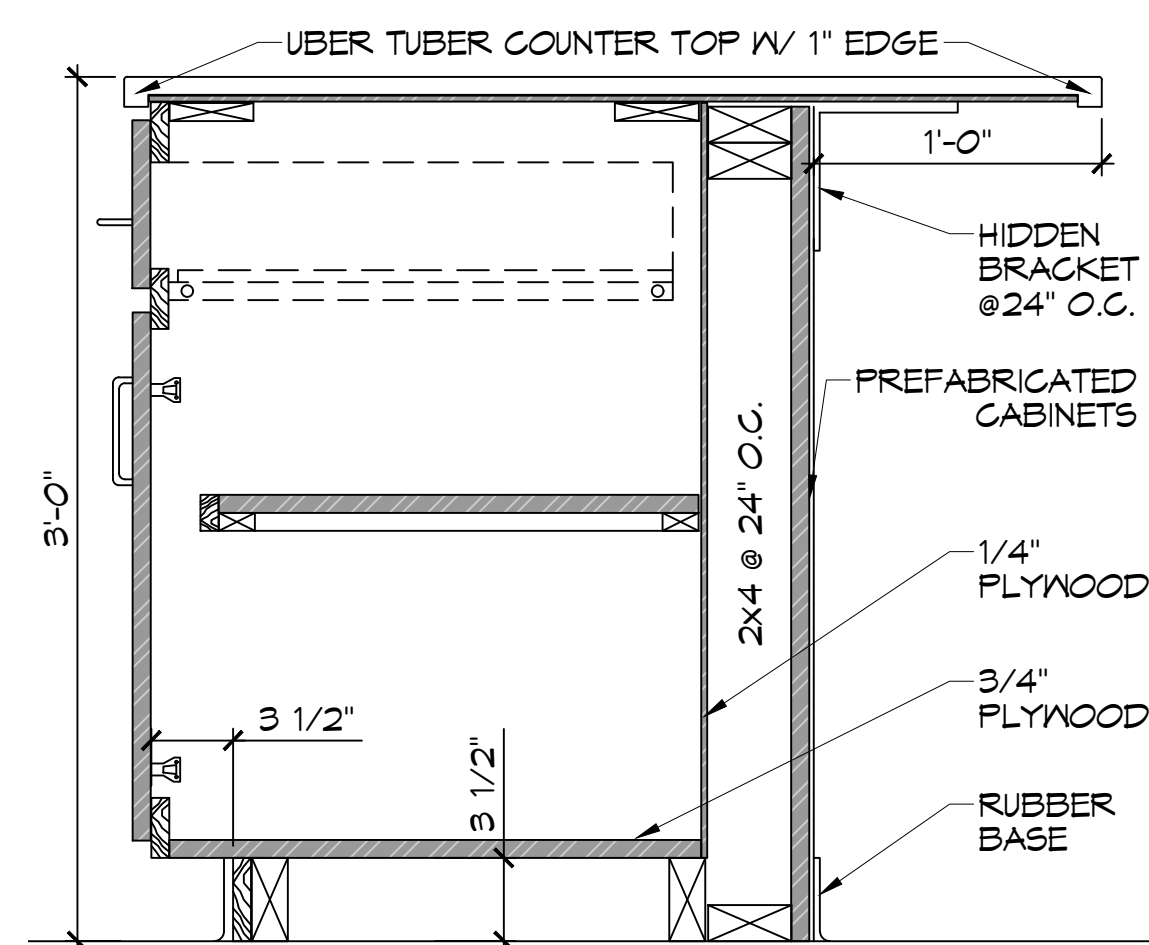
M4 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION



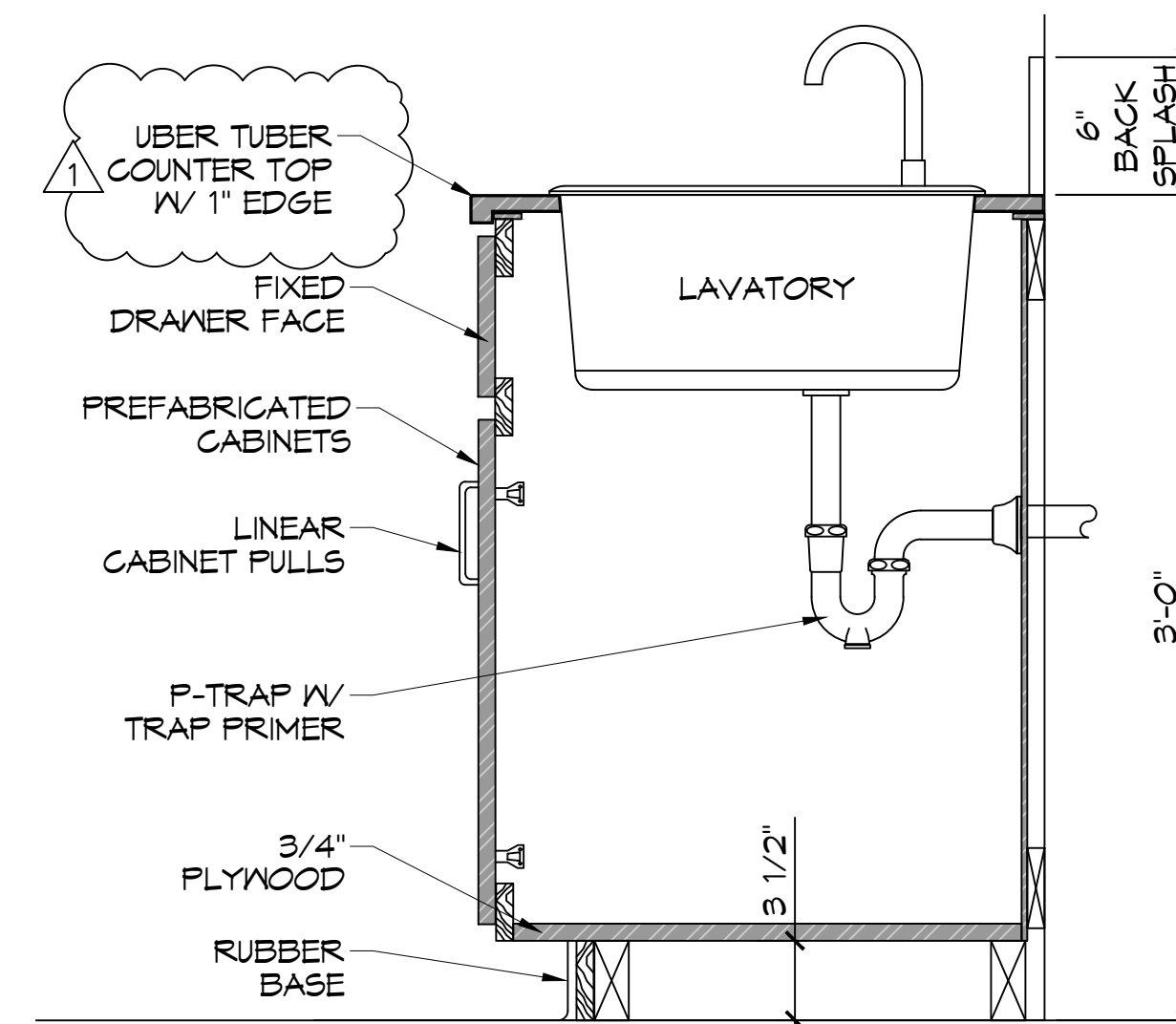
M5 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION



M6 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION



M7 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION



M8 MILLWORK
A107 | A109 SCALE: 1-1/2" = 1'-0" MILLWORK SECTION

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

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: CAD CHECKED BY: CAD

SHEET TITLE:
INTERIOR ELEVATION
DETAILS

DRAWING NUMBER:

AS-BUILT
1-31-24

A108

PLUMBING ABBREVIATIONS

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

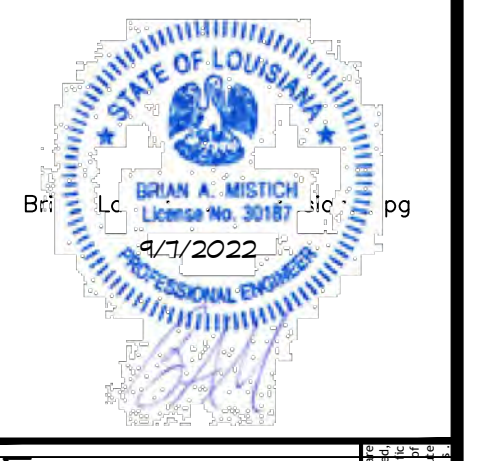
PLUMBING LEGEND

	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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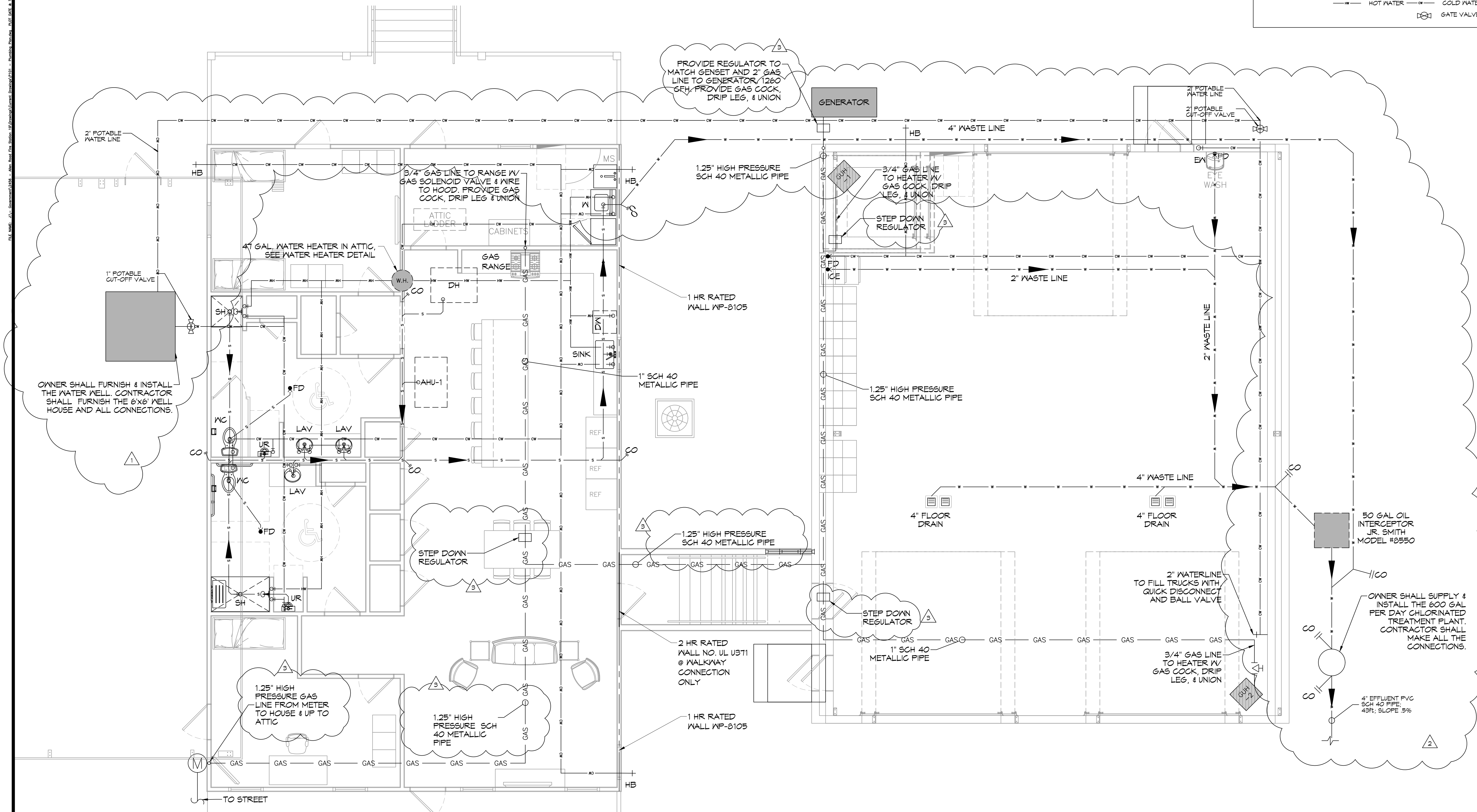
#	DESCRIPTION	DATE
1	OWNER SHALL FINISH WELL AND TREATMENT PLANT	07-28-22
2	RELOCATED TREATMENT PLANT AND WELL	09-09-22
3	REVISED GAS LINES FOR HIGH PRESSURE	4/19/2023



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

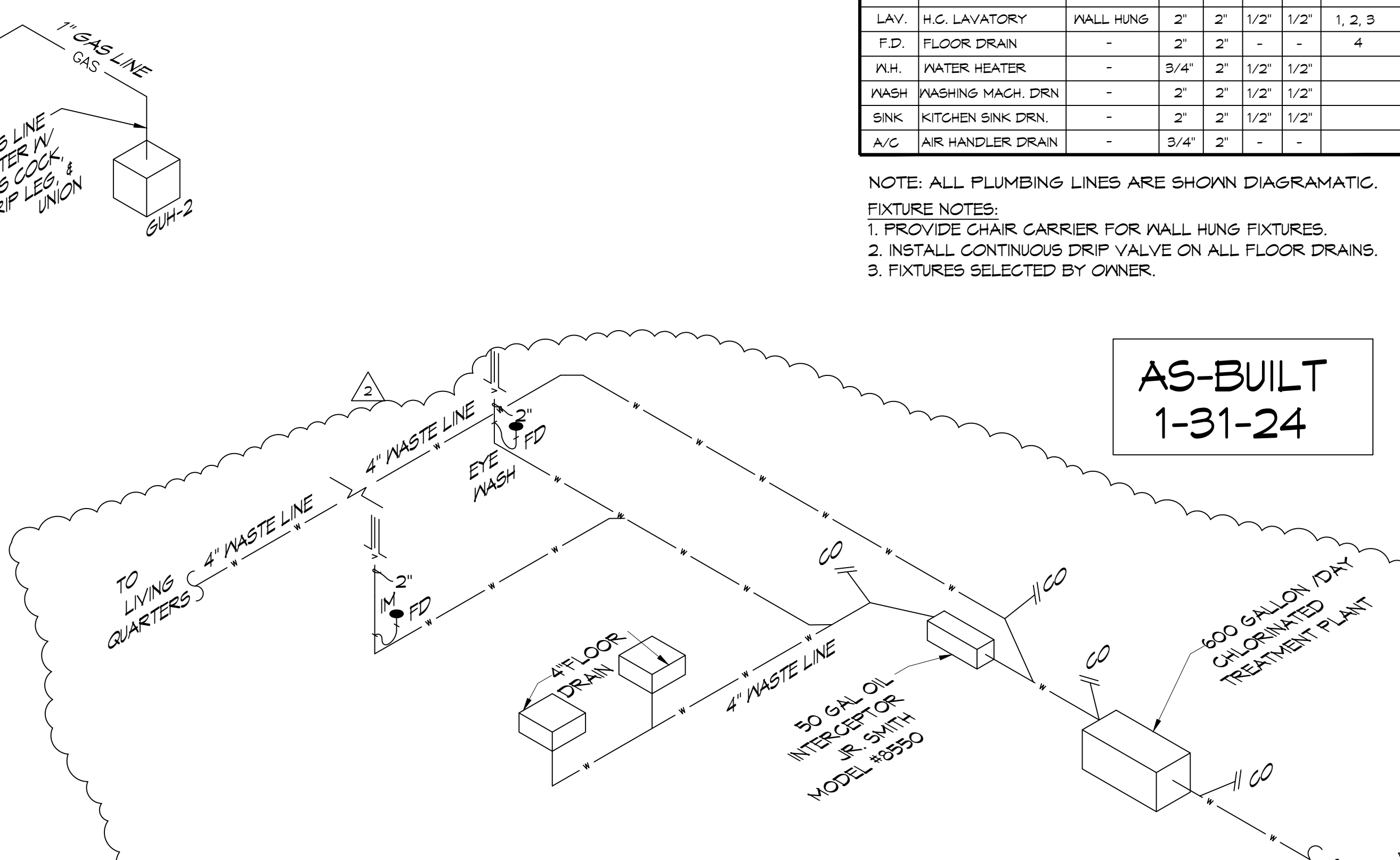
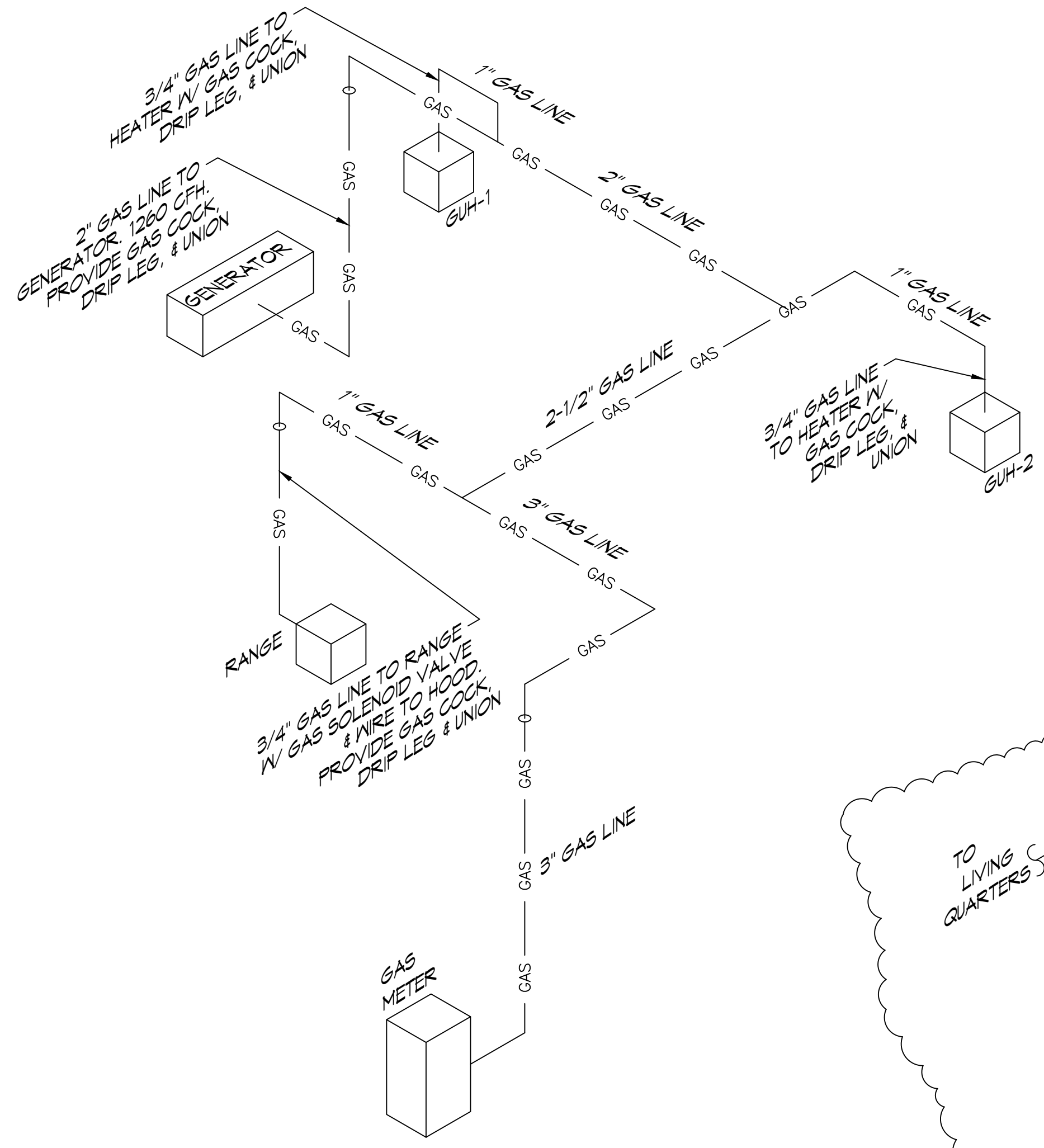
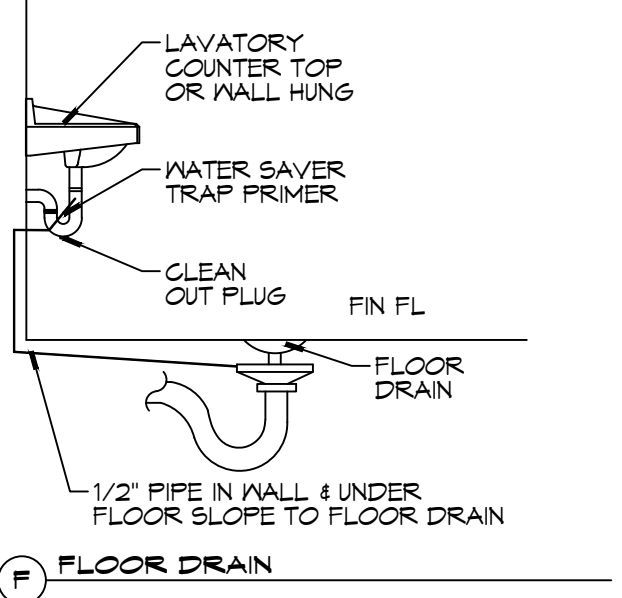
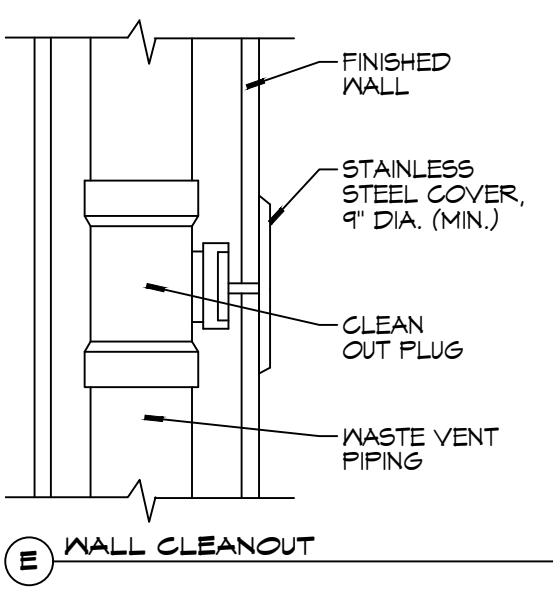
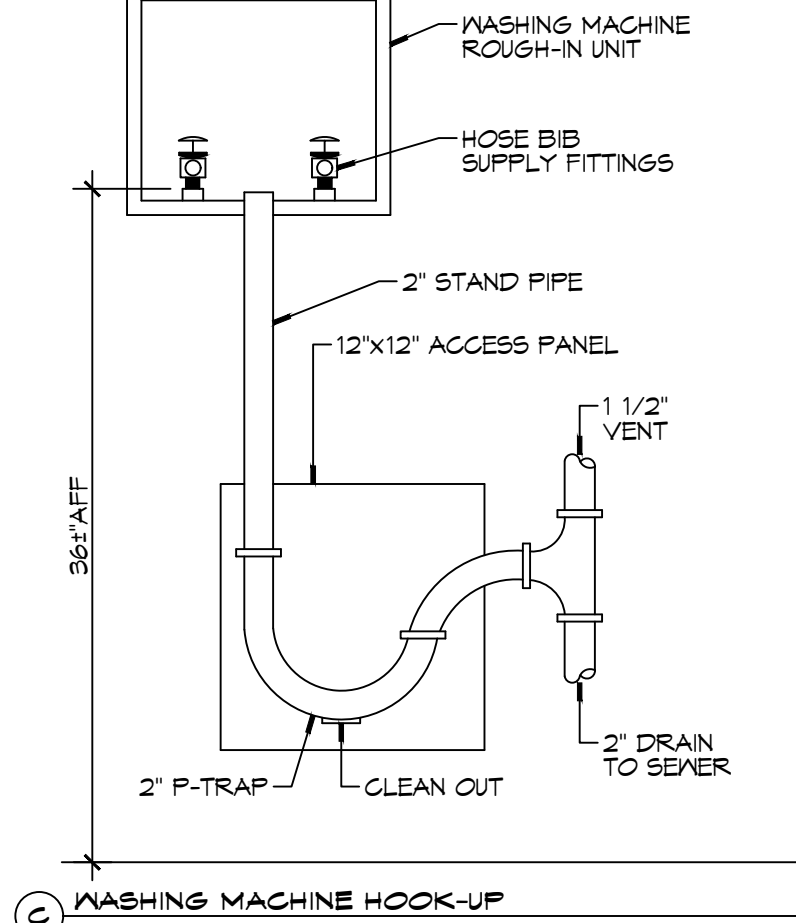
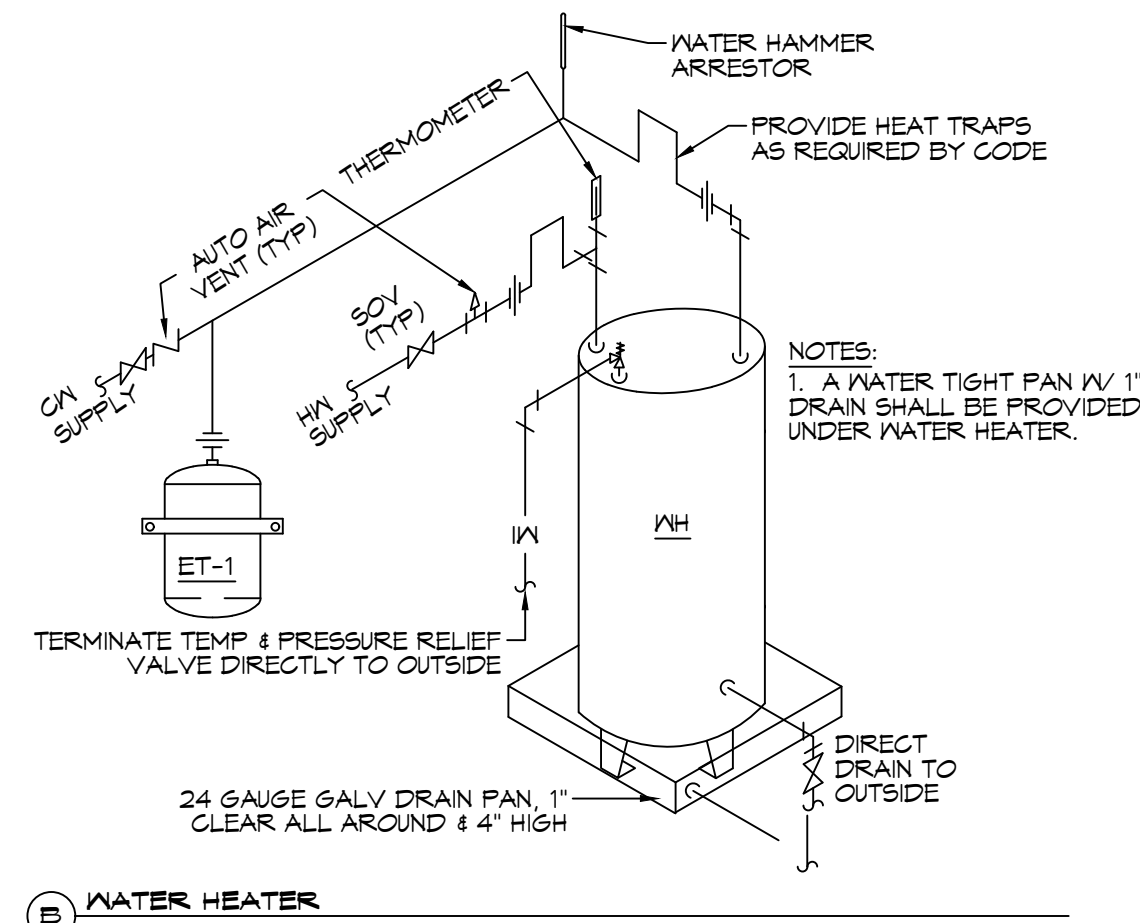
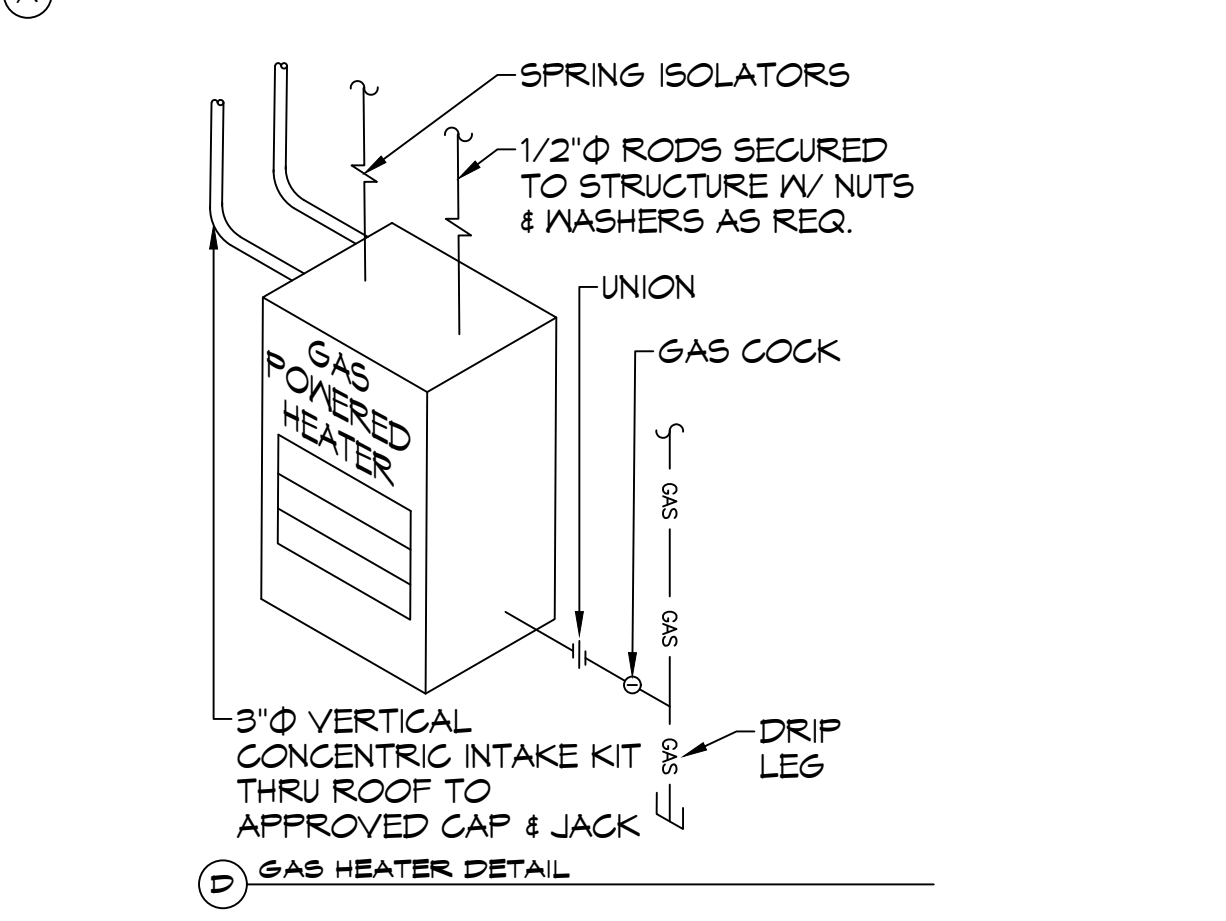
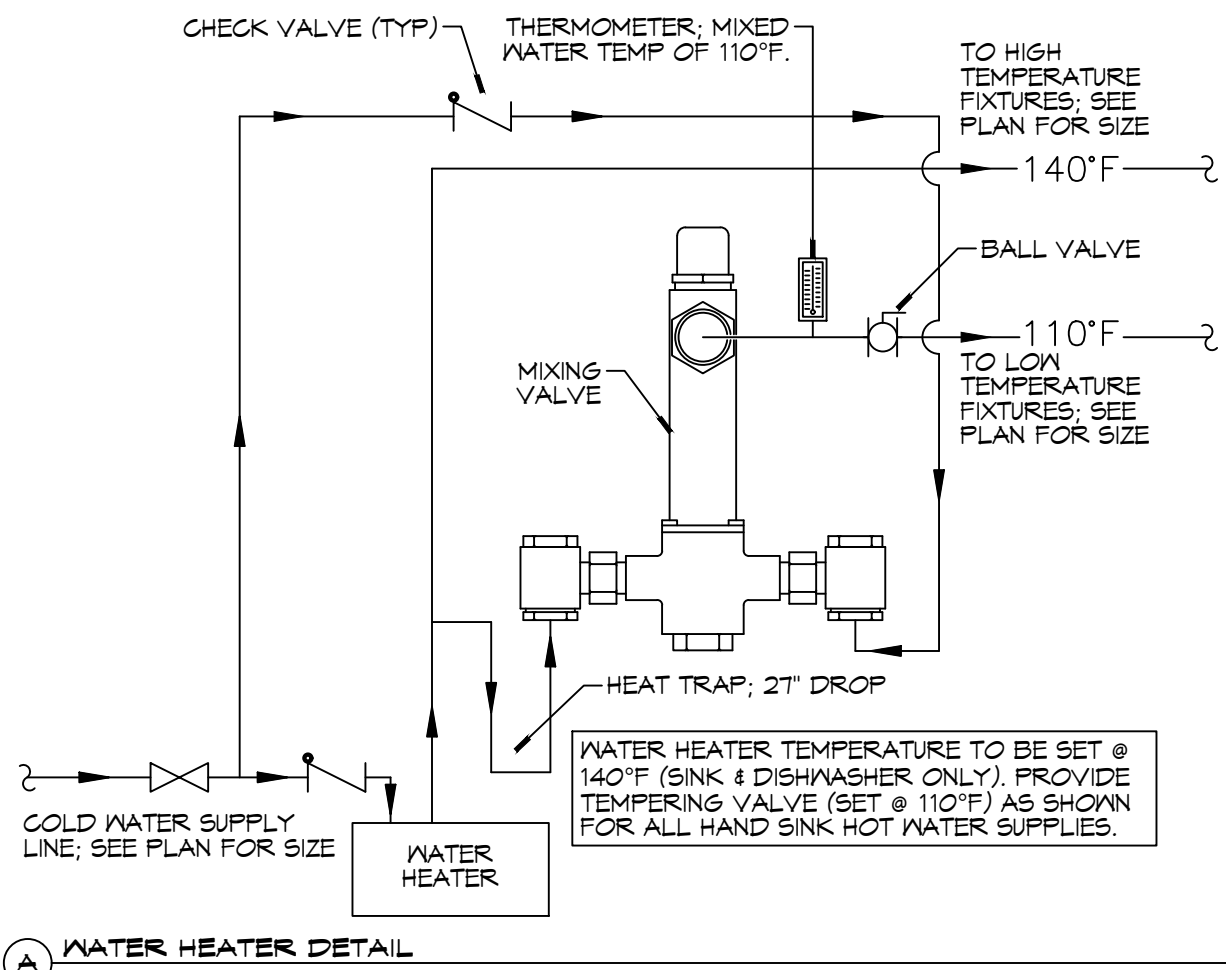
SHEET TITLE:
PLUMBING PLAN
DRAWING NUMBER:
P101
SHEET No: 23 of 30

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



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 TUBES, TYPE L, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
- DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBES, 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
W.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.

**AS-BUILT
 1-31-24**

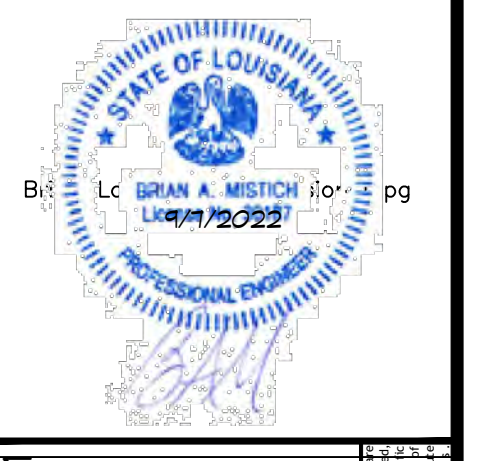
40 PLUMBING DIAGRAM
 SCALE: NTS

41 GAS DIAGRAM
 SCALE: NTS

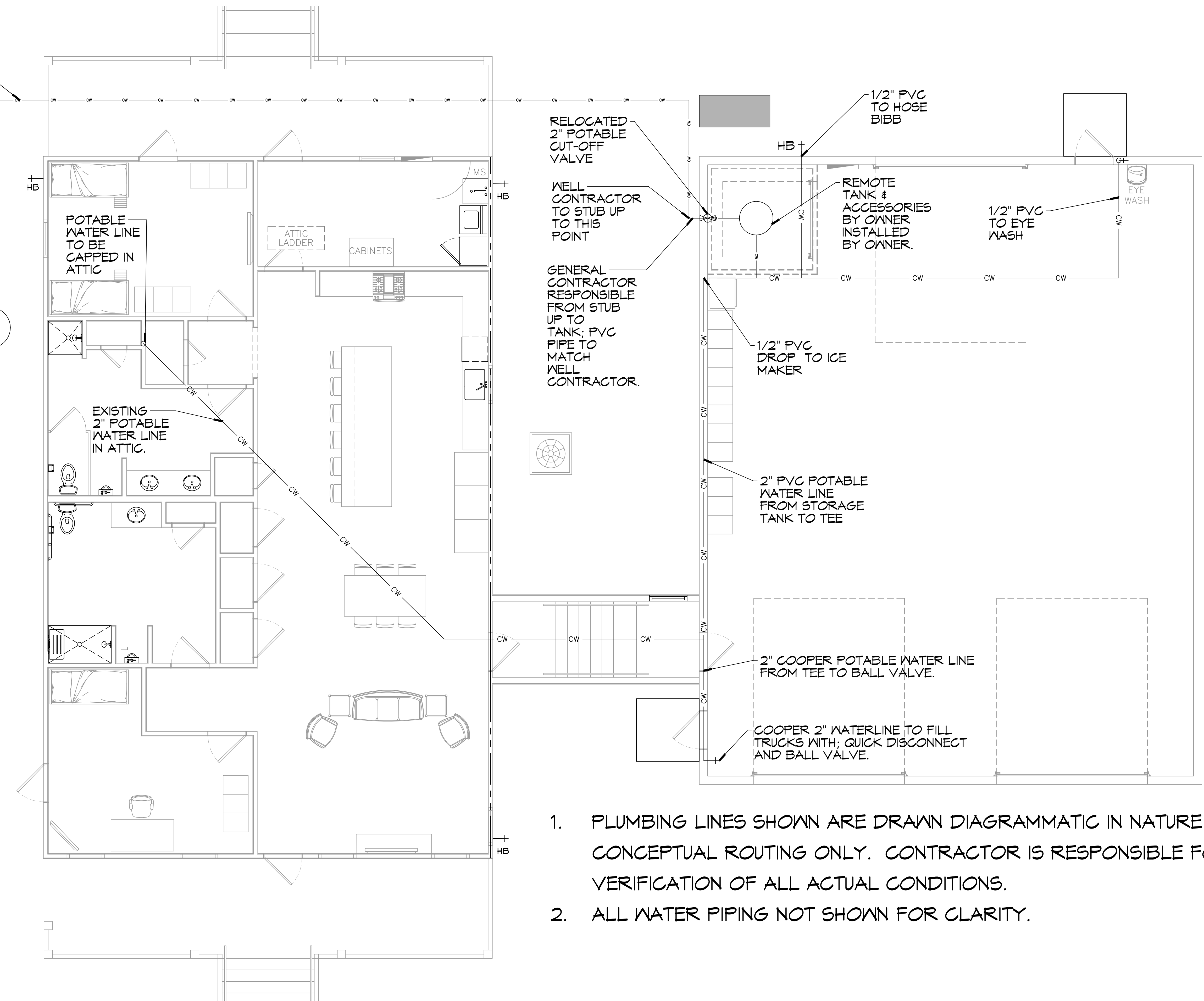
42 WASTE DIAGRAM
 SCALE: NTS

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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

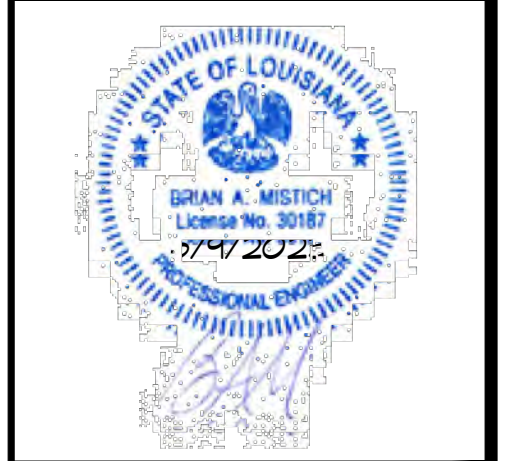


1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. ALL WATER PIPING NOT SHOWN FOR CLARITY.

1 WATER WELL AND WATER MAIN(S) PLAN
SCALE: 1/4" = 1'-0"

AS-BUILT
1-31-24

#	DESCRIPTION	DATE



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: CKD

SHEET TITLE:
WATER WELL & WATER MAIN(S) PLAN
DRAWING NUMBER:
P103
SHEET No: 23 of 30

SPLIT DX SYSTEM SCHEDULE																					
TAG	MAKE/MODEL	AIR HANDLER						HEAT KW	POWER				TAG	MAKE/MODEL	CONDENSING UNIT						REMARKS
		NOMINAL TONS	TOTAL CFM	OA CFM	Motor HP	ESP (" WC)	VAC		PH	MCA	MAX FUSE (AMPS)	NOMINAL TONS			VAC	PH	MCA	MAX FUSE (AMPS)			
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 cover.
 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		57	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.

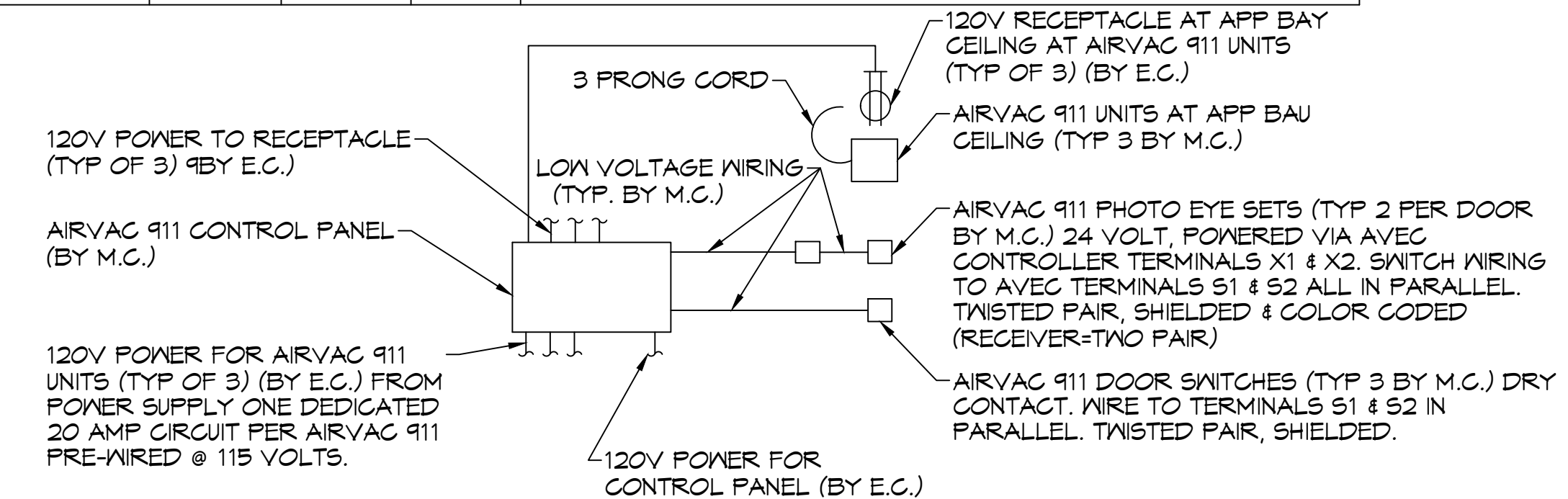
DEHUMIDIFIER SCHEDULE							
TAG	PART NUMBER	WATTS	PHASE	VOLTS	AMPS	DUCT SIZES	
						INLET	OUTLET
DH	ULTRA - AIRE - XT155H	920 @ 80°F & 60% RH	SINGLE	110-120	8	10" ROUND DUCT COLLAR & 6" ROUND DUCT COLLAR	10" OVAL DUCT COLLAR

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

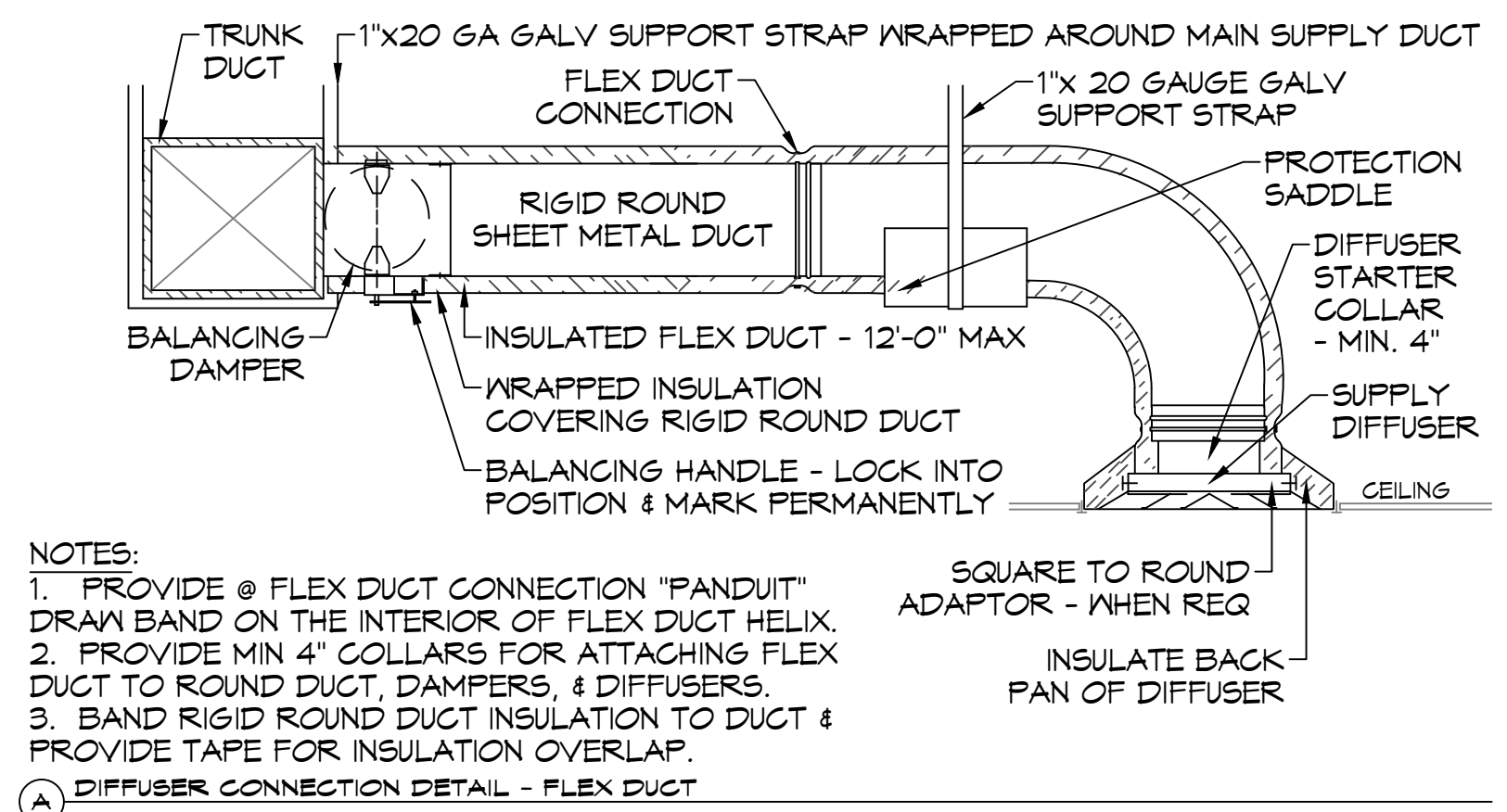
* PROVIDED HOLDRITE 50-SWHP-W WALL MOUNT KIT. MOUNT 6'-8" A.F.F.

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

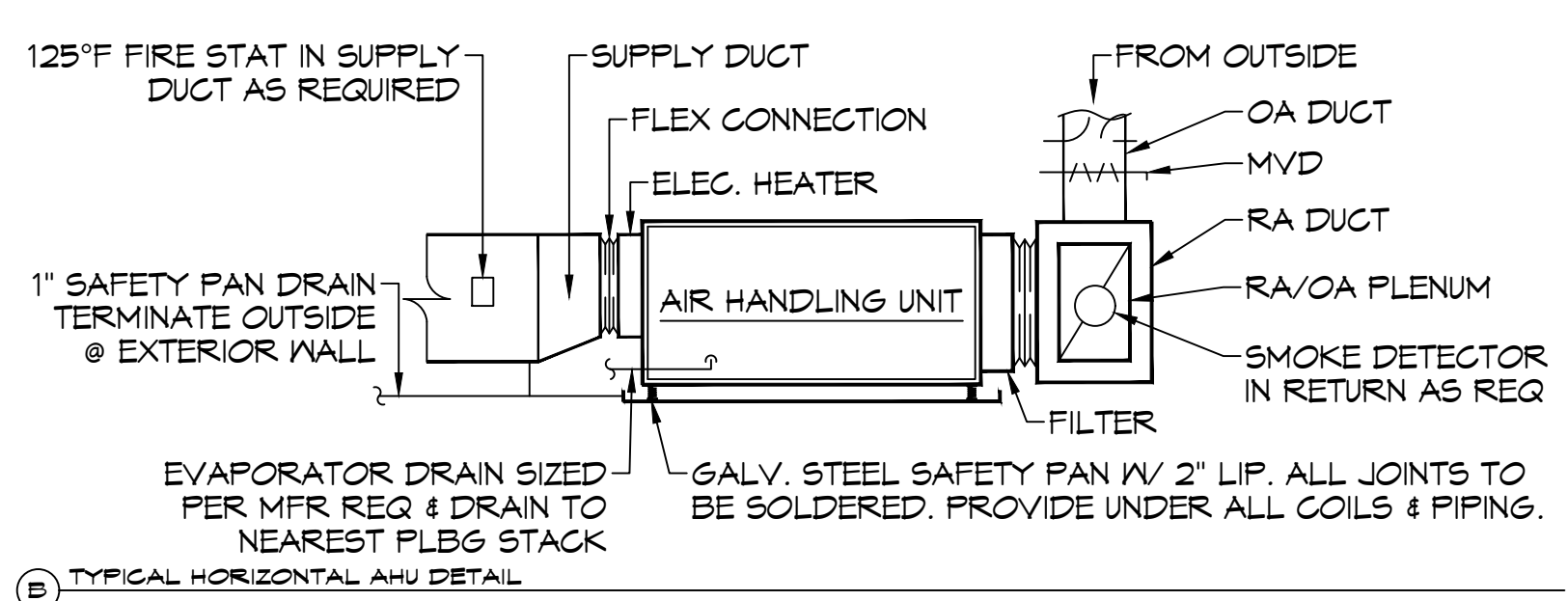


AIRVAC 911 SYSTEM CONTROL DIAGRAM
SCALE: N.T.S.

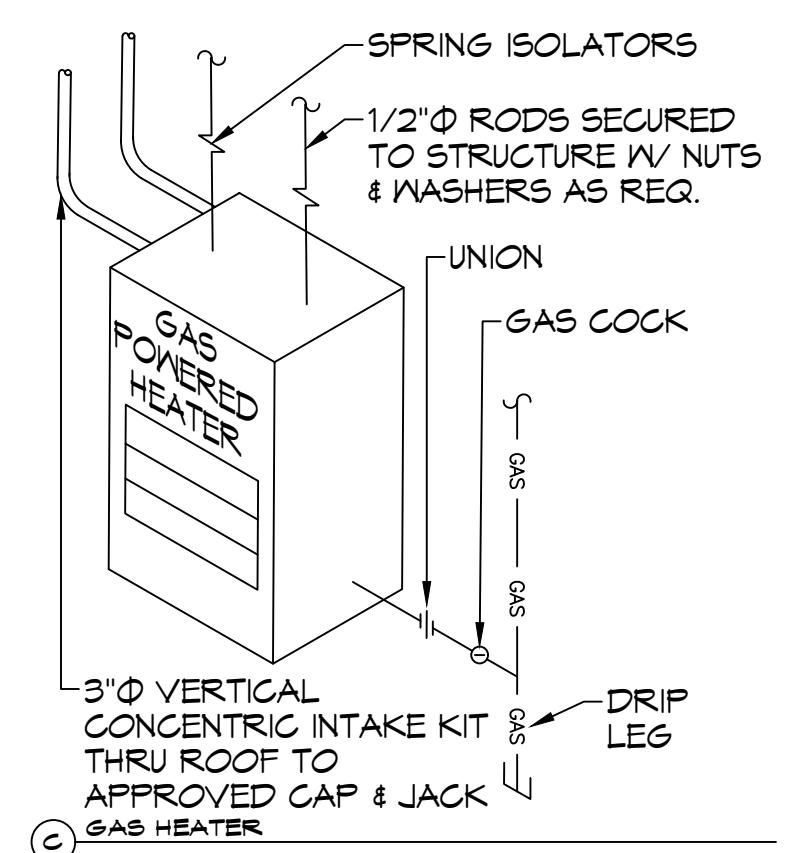
HVLS FAN SCHEDULE						
TAG	LOCATION	SIZE	RPM	HP	FR	DESCRIPTION
FTB	ENGINE BAY	8' DIA.	191	1	1	HVLS 8'Ø FAN WITH VFD AND WALL MOUNTED CONTROL PANEL BIG ASS FANS POWERFOL 8-08



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.
 (A) DIFFUSER CONNECTION DETAIL - FLEX DUCT



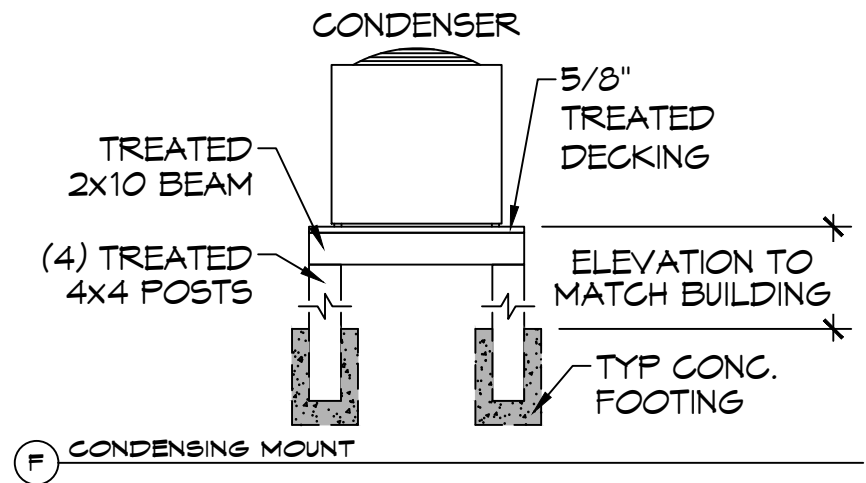
(B) TYPICAL HORIZONTAL AHU DETAIL



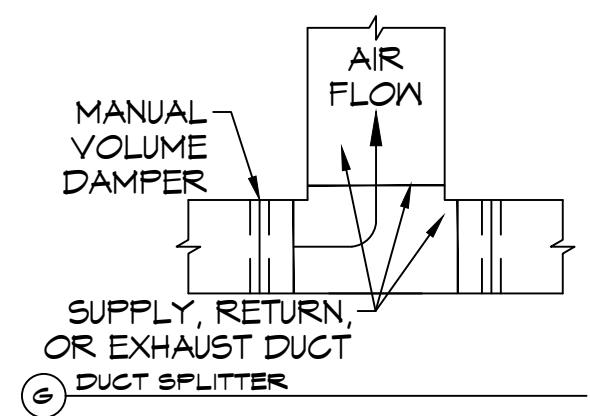
(C) GAS HEATER



(D) SUPPLY DUCT TAKE-OFF



(E) CONDENSING MOUNT



(F) DUCT SPLITTER

TYPICAL DETAILS
SCALE: N.T.S.

AS-BUILT
1-31-24

M102

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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:

DATE PLOTTED: 01/23/2022 10:56:45 AM

KEYED NOTES

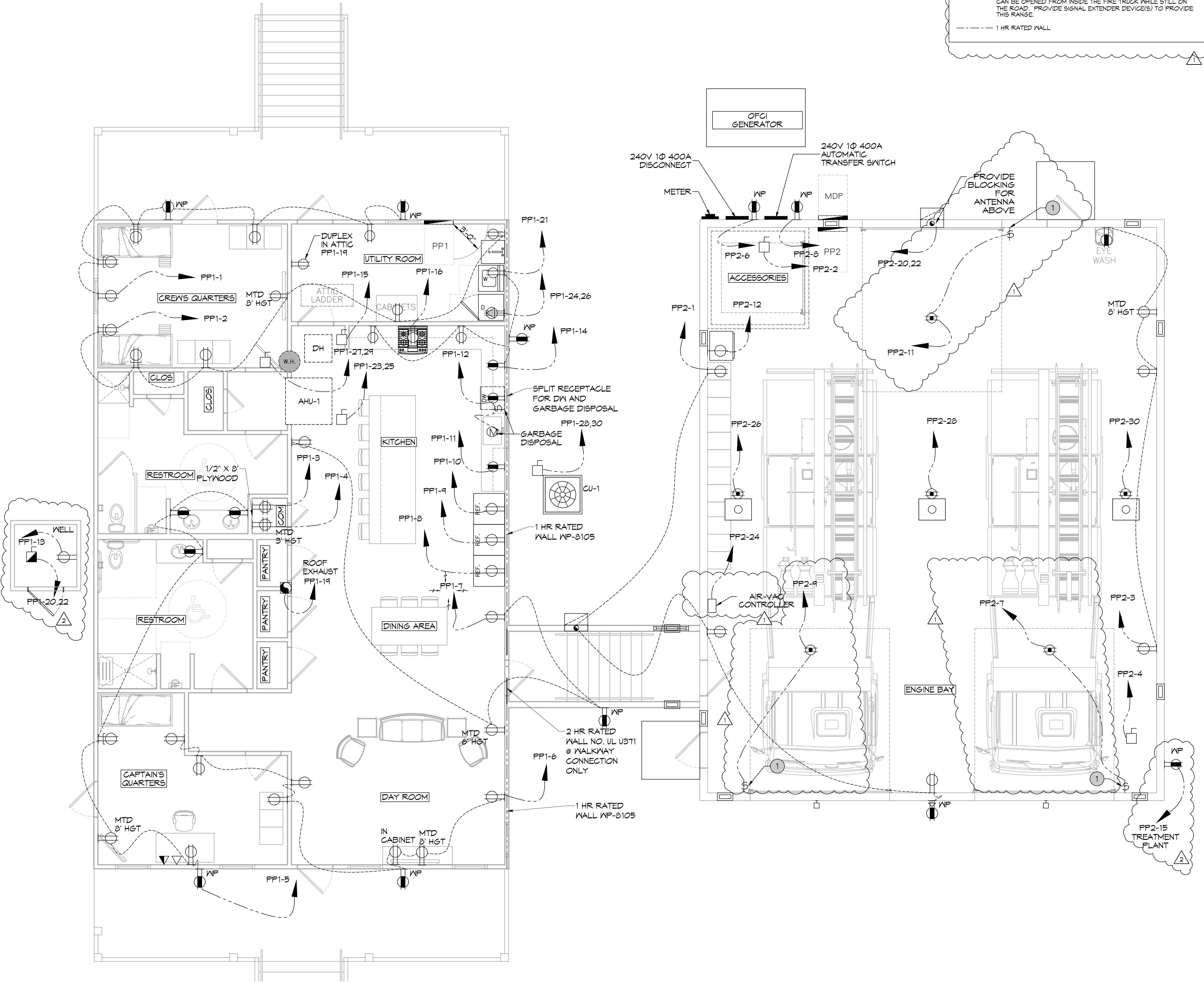
- 1 120V, 1Ø, 1HP OVERHEAD DOOR OPENER. PROVIDE OPENER, ELECTRICAL POWER AND SWITCH, WIRE DOOR CONTROLLER AND SENSOR. DOOR OPENER SHALL HAVE A REMOTE SYSTEM THAT CAN BE OPENED FROM INSIDE THE FIRE TRUCK WHILE STILL ON THE ROAD. PROVIDE SIGNAL EXTENDER DEVICE(S) TO PROVIDE THIS RANGE.
- 1 HR RATED WALL

GENERAL POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE UL LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC, SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC, AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
9. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
10. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
11. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
12. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN A KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-65, NFPA 250-23, 250-11 & 250-12.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-230.
16. FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
18. EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.

POWER LEGEND

- DUPLEX RECEPTACLE - WALL MOUNTED
- GFCI DUPLEX RECEPTACLE - WALL MOUNTED
- WEATHER PROOF GFCI DUPLEX RECEPTACLE - WALL MOUNTED
- QUAD RECEPTACLE - WALL MOUNTED
- DUPLEX RECEPTACLE W/ USB CHARGER - WALL MOUNTED
- GFCI DUPLEX RECEPTACLE W/ USB CHARGER - WALL MOUNTED
- DATA OUTLET - WALL MOUNTED
- TELEPHONE OUTLET - WALL MOUNTED
- DATA & POWER OUTLET - FLOOR MOUNTED (RUN THROUGH SLAB TO FLOOR)
- 240V RECEPTACLE - WALL MOUNTED
- 240V DRYER RECEPTACLE - WALL MOUNTED
- DISCONNECT SWITCH W/ VIABLE BLADES
- JUNCTION BOX
- GARBAGE DISPOSAL



44 POWER PLAN

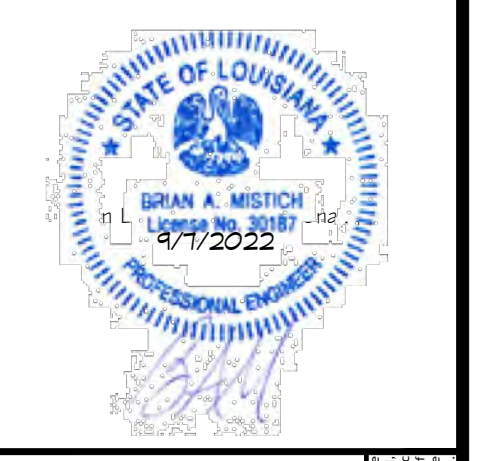
SCALE: 1/4"=1'-0"

DAMMON ENGINEERING, INC.
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State Engineer: Brian Mistich, PE
Sixty Occochee Trail
Slidell, LA 70488

#	DESCRIPTION	DATE
1	Added Air/Vac Controller & Revised Keyed note	7/29/2022
2	RELOCATED WELL AND TREATMENT PLANT	09/07/2022



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

FIRE STATION 19

57047 ALLEN ROAD
SLIDELL, LOUISIANA 70461

JOB No: 2495
DATE: 05-16-2022
DRAWN BY: BMM
CHECKED BY: C&K

SHEET TITLE: POWER PLAN

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

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Chief Engineer: Brian Mistich, PE
Senior Electrical Draftsman: Frank Sulzer, LA 70488

REVISIONS	DATE	DESCRIPTION
1	07-28-2022	REVISED LIGHTING
2	09-07-22	RELOCATED WELL

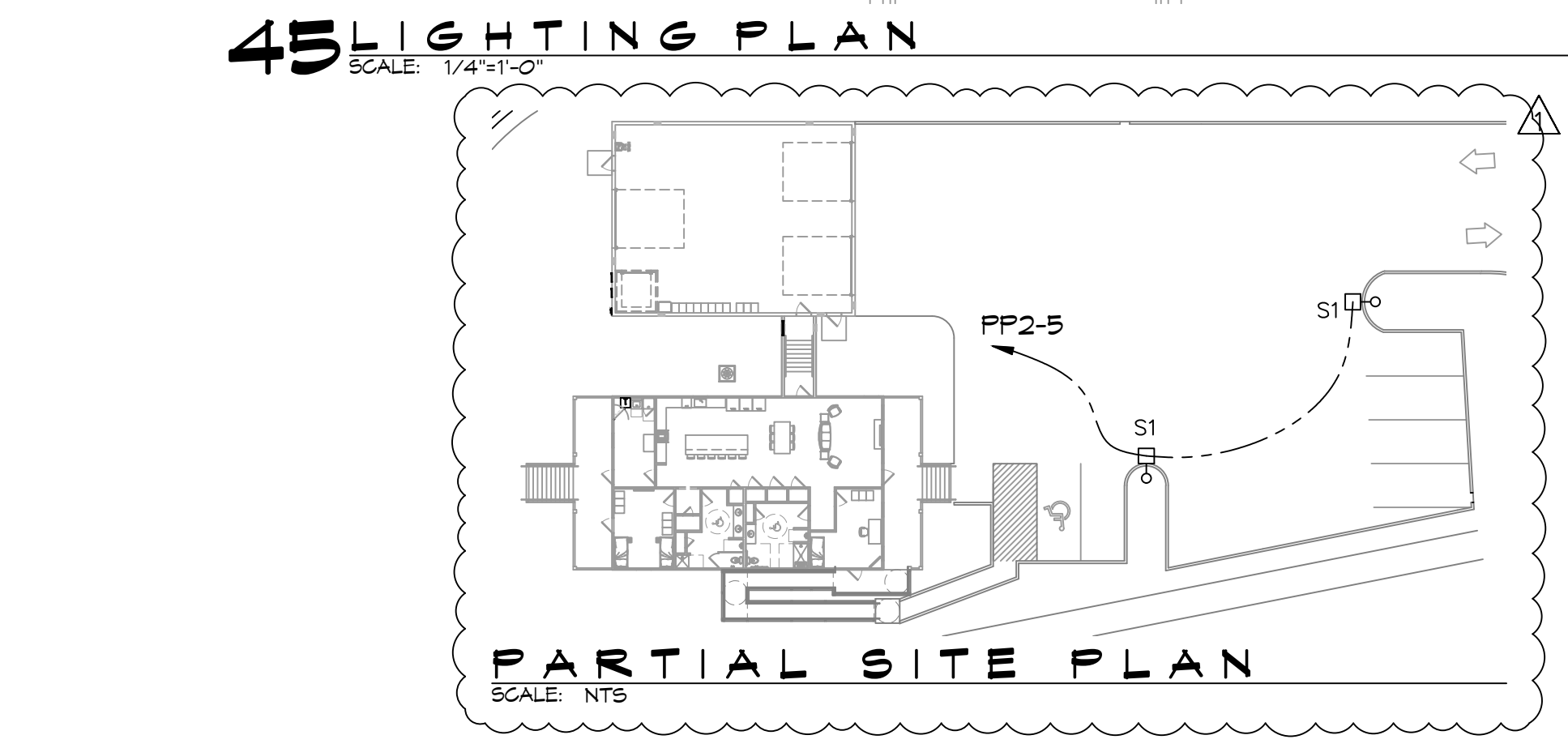
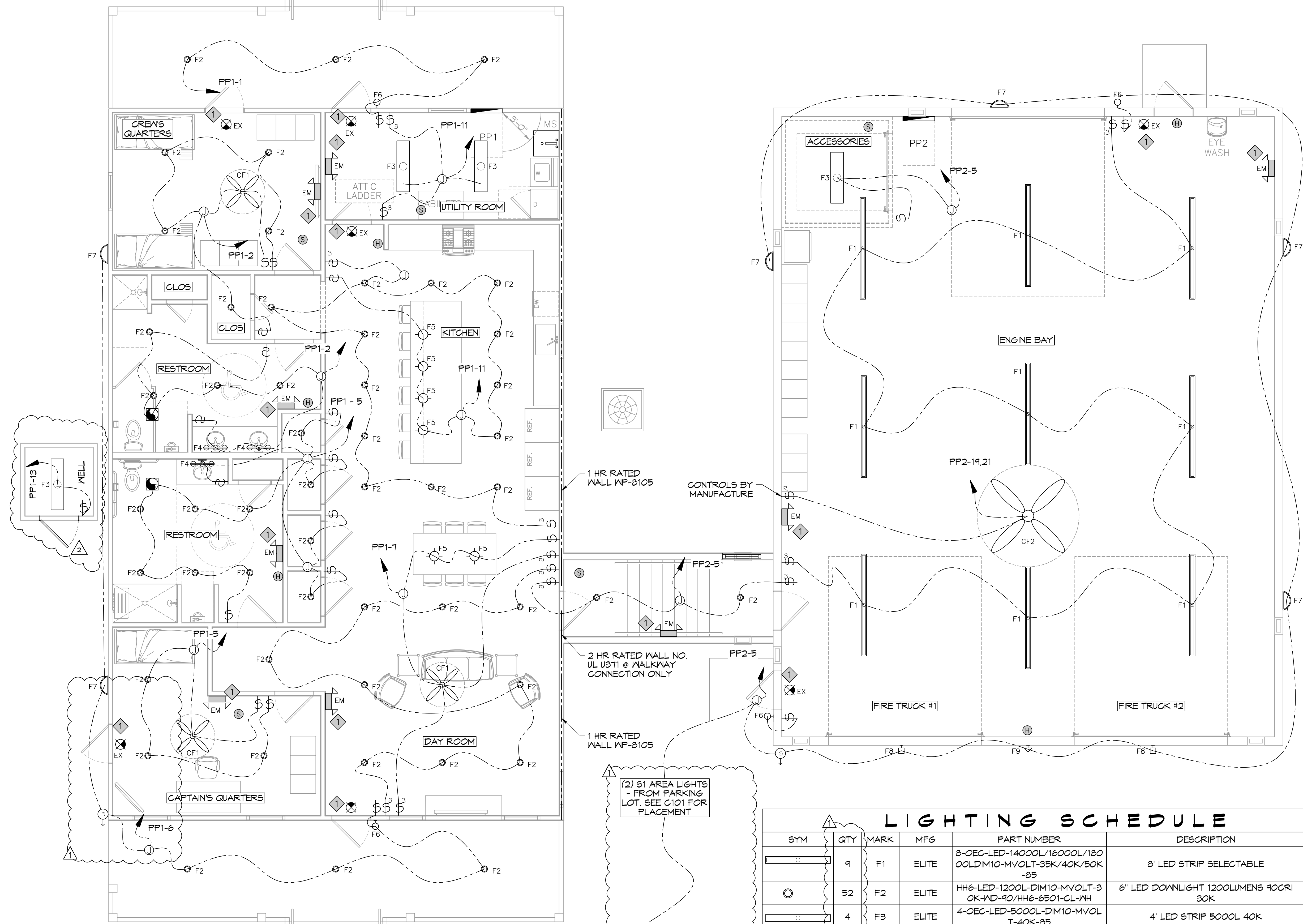


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19

57047 ALLEN ROAD
SULZER, LOUISIANA 70461
JOB NO: 2495
DATE: 05-16-2022
DRAWN BY: C&D
CHECKED BY: BAW

SHEET TITLE: LIGHTING PLAN
DRAWING NUMBER:
E102

SHEET No: 26 of 30

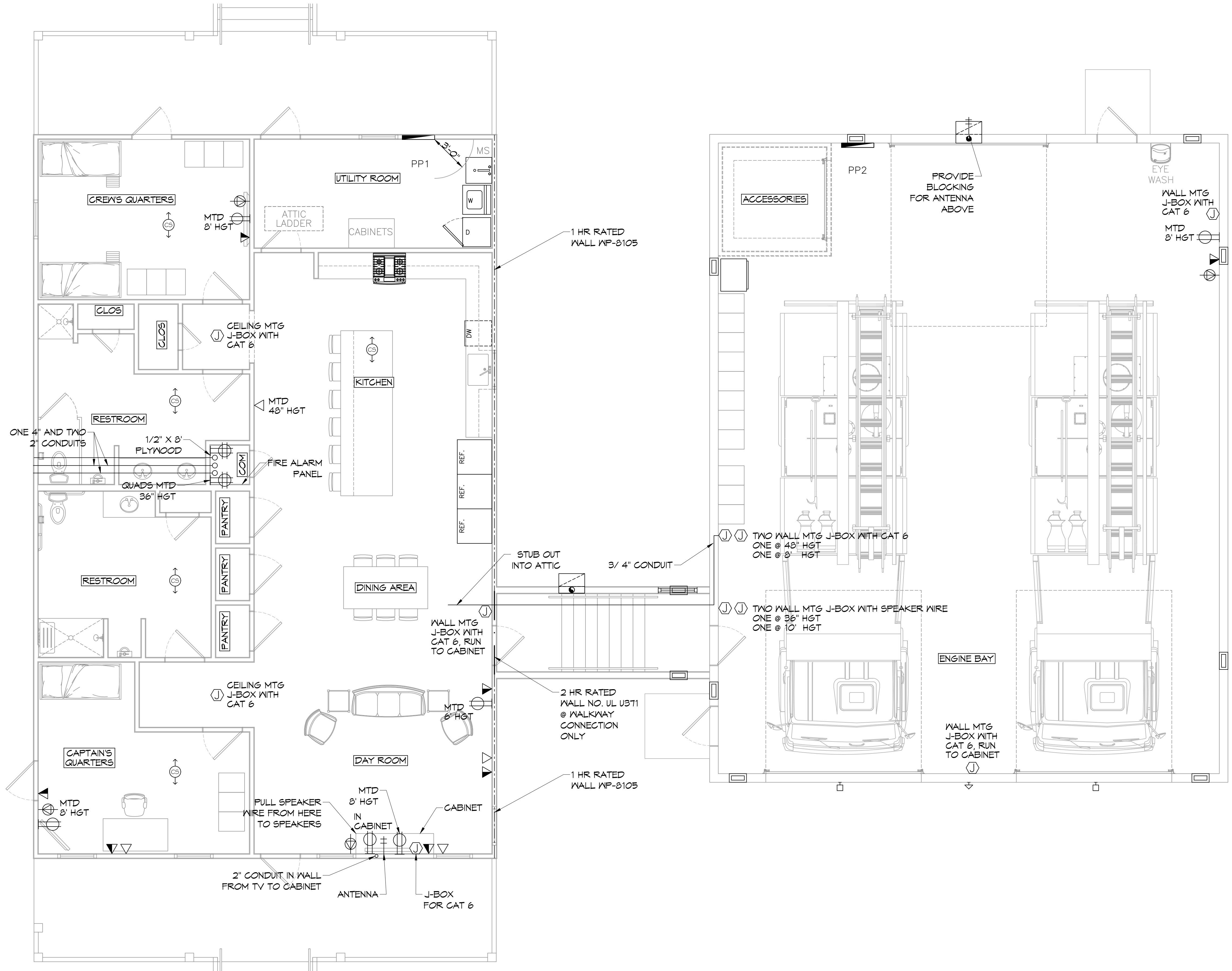


LIGHTING SCHEDULE

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	17'
⊕	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	

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46 SPECIAL SYSTEMS
 SCALE: 1/4" = 1'-0"
 DATE: 05-16-2022
 DRAWN BY: C/KD
 CHECKED BY: B/M



46 SPECIAL SYSTEMS
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE OWNER.
7. CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
8. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARDS.
9. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
10. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-63, NFPA 250-23, 250-11 & 250-12.
11. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
12. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHAL AND THE FIRE DISTRICT.

LEGEND

- DUPLEX RECEPTACLE - WALL MOUNTED
- DATA OUTLET - WALL MOUNTED
- TELEPHONE OUTLET - WALL MOUNTED
- JUNCTION BOX
- CEILING MTG SPEAKER
- COAX CABLE BACK TO COM ROOM

NOTE

1. CONTRACTOR SHALL SUPPLY AND RUN ALL CABLES FROM DESIGNATED AREAS BACK TO THE COM ROOM AND CABINET. OWNER WILL SUPPLY AND INSTALL EQUIPMENT.

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 Phone: 985.649.5832

DATE	REVISIONS	#	DESCRIPTION



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2495
 DATE: 05-16-2022
 DRAWN BY: C/KD
 CHECKED BY: B/M

SHEET TITLE:
 SPECIAL SYSTEMS
 DRAWING NUMBER:
E103
 SHEET No: 29 of 30

AS-BUILT
1-31-24

PANEL SCHEDULE

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

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (kva)	AΦ	BΦ	LOAD (kva)	BREAKER		LOAD DESCRIPTION	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		VOLTAGE: 240/120V, 200A, 1Φ, 3W W/MLO	
LOCATION: UTILITY CLOSET		ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER	
FEEDER SOURCE: MDP			

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (kva)	AΦ	BΦ	LOAD (kva)	BREAKER		LOAD DESCRIPTION	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		VOLTAGE: 240/120V, 200A, 1Φ, 3W W/MLO	
LOCATION: ENGINE BAY		ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER	
FEEDER SOURCE: MDP			

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (kva)	AΦ	BΦ	LOAD (kva)	BREAKER		LOAD DESCRIPTION	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

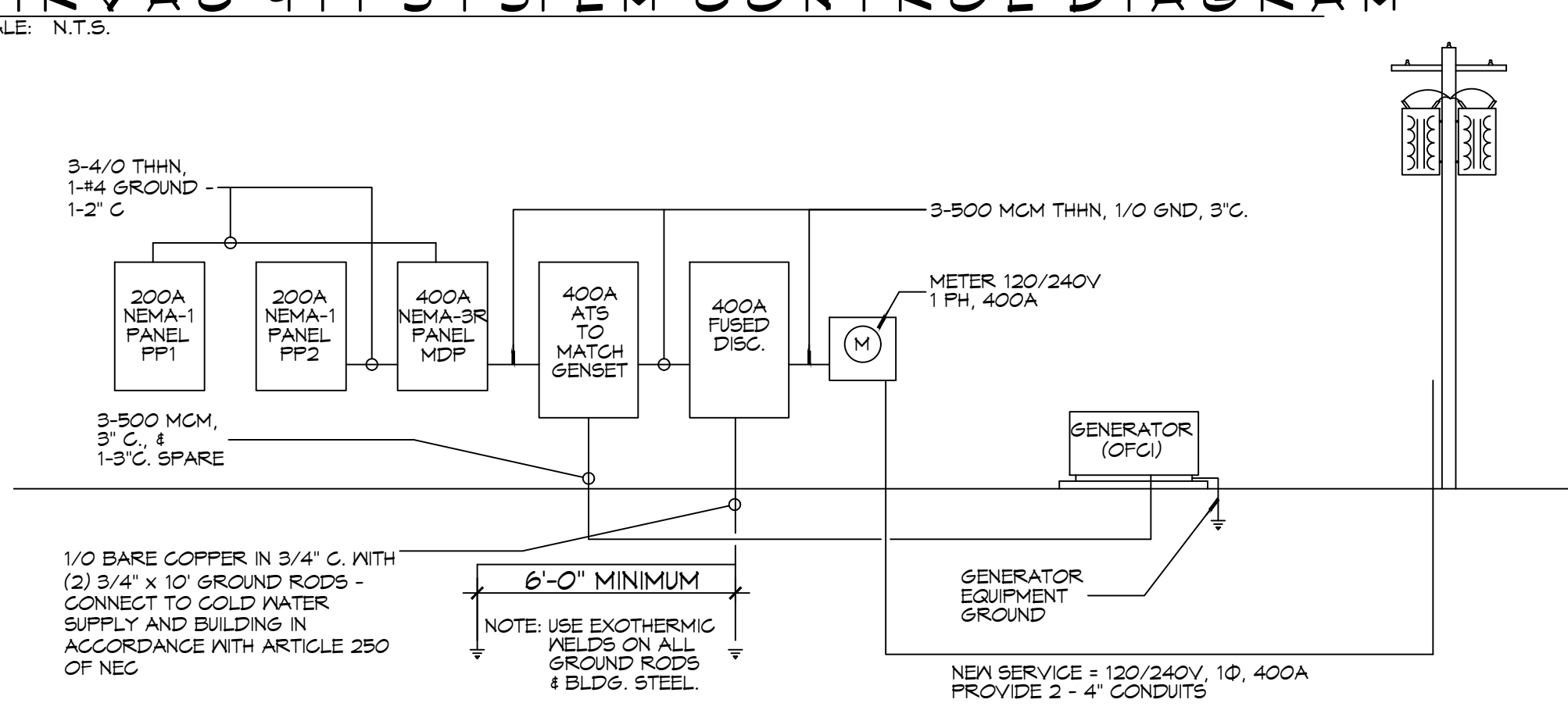
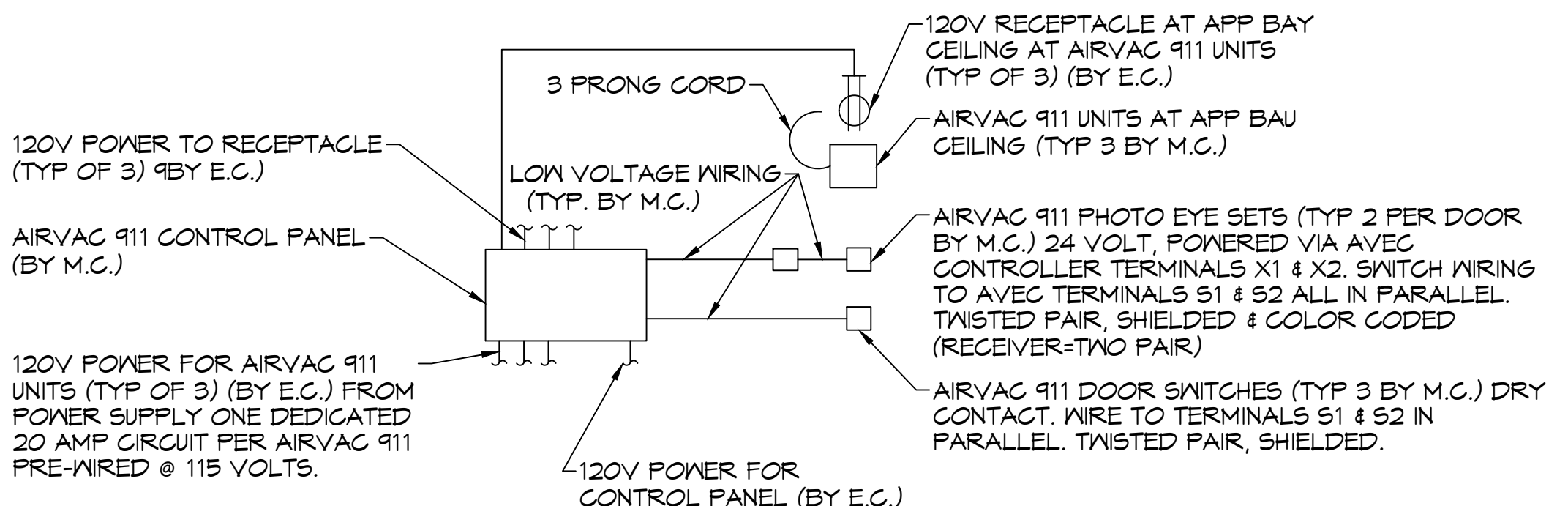
SOLID NEUTRAL NEUTRAL WIRE (N)

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

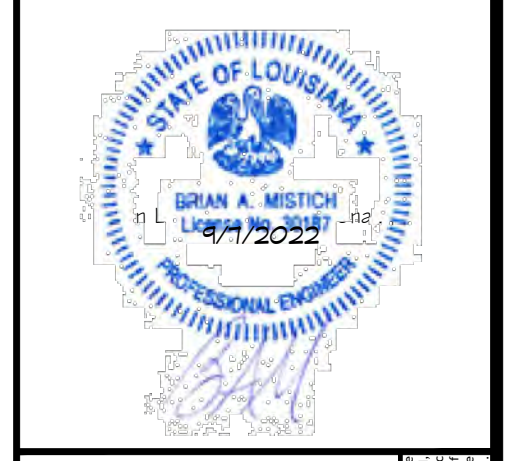


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Chief Engineer: Brian Mistich, PE
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 Slidell, LA 70488

REVISIONS	DATE	DESCRIPTION
1	7/28/2022	Revised PF2
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: 08-16-2022
 DRAWN BY: C&D
 CHECKED BY: BAW

SHEET TITLE:
 PANEL SCHEDULE AND ONE LINE DIAGRAM

DRAWING NUMBER:

E104

AS-BUILT
 1-31-24

SHEET No: 30 of 30

GENERAL NOTES

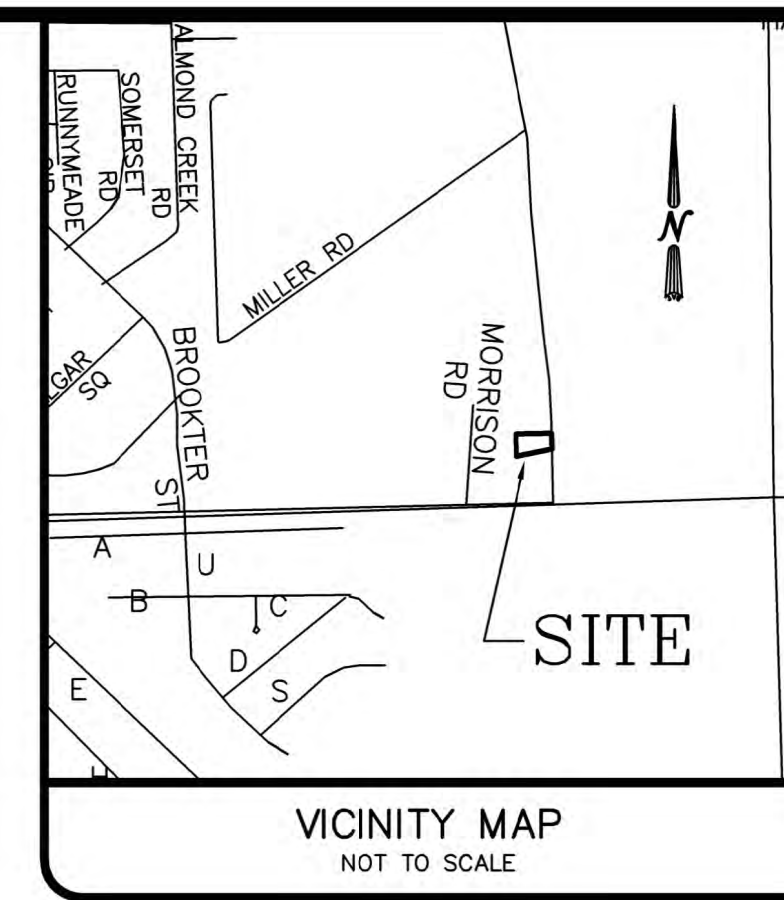
THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVEGROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES OR STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES OR STRUCTURES MAY BE ENCOUNTERED. NO EXCAVATIONS WERE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



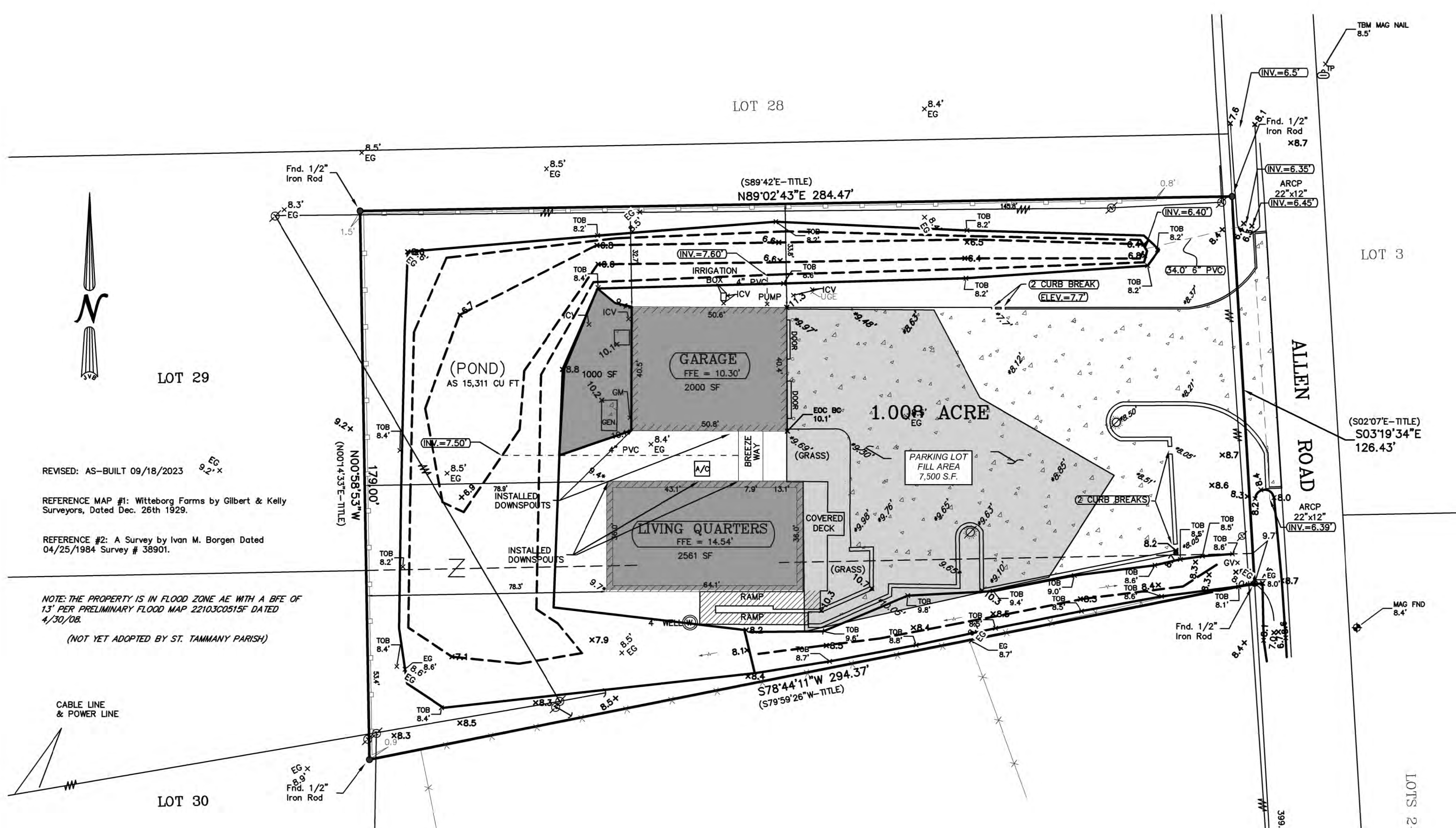
J.V. Burkes & Associates, Inc.
 SURVEYING ENGINEERING • ENVIRONMENTAL
 1805 Shortcut Highway
 Slidell, Louisiana 70458
 E-mail: jvbassoc@jvburkes.com
 Phone: 985-649-0075 Fax: 985-649-0154

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
	ELECTRIC, TELEPHONE, CABLE TV
	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



REVISED: AS-BUILT 09/18/2023

REFERENCE MAP #1: Witteberg Farms by Gilbert & Kelly Surveyors, Dated Dec. 26th 1929.

REFERENCE #2: A Survey by Ivan M. Borgen Dated 04/25/1984 Survey # 38901.

NOTE: THE PROPERTY IS IN FLOOD ZONE AE WITH A BFE OF 13' PER PRELIMINARY FLOOD MAP 22103C0515F DATED 4/30/08.
 (NOT YET ADOPTED BY ST. TAMMANY PARISH)

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>

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

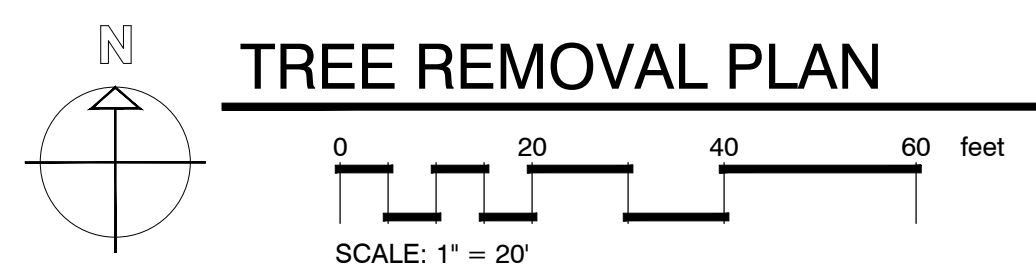
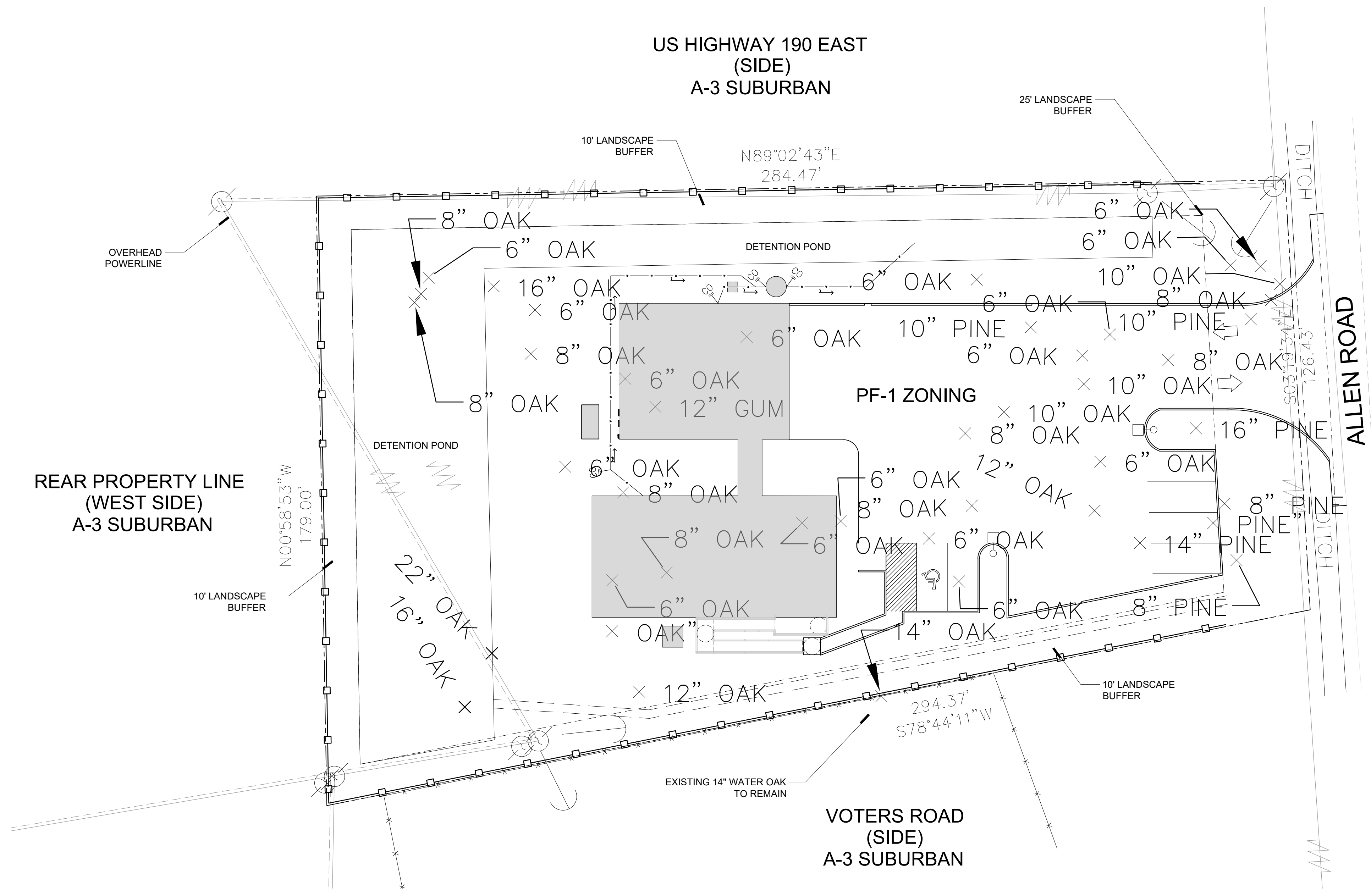
Parking Lot and landscape Area
 = 1/2 x (7500 sf x (Ex 8.5 - Average AS 10.0) = 208 cu yd

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.

P:\FILE_6\SURVEYING\2022\LOT SURVEY\WITTEBERG FARMS\20220627 - Lot 29-30 - STTD\1\20220627 - AB12.dwg

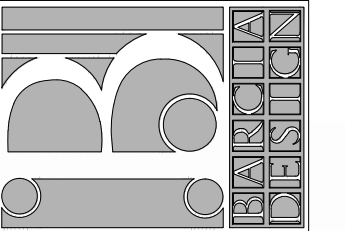


TREE REMOVAL PLAN

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	= 179.00'/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

ALPHONSE BARCIA III
LANDSCAPE ARCHITECT LLC.
562 CLAYTON COURT
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(985) 960-0429



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

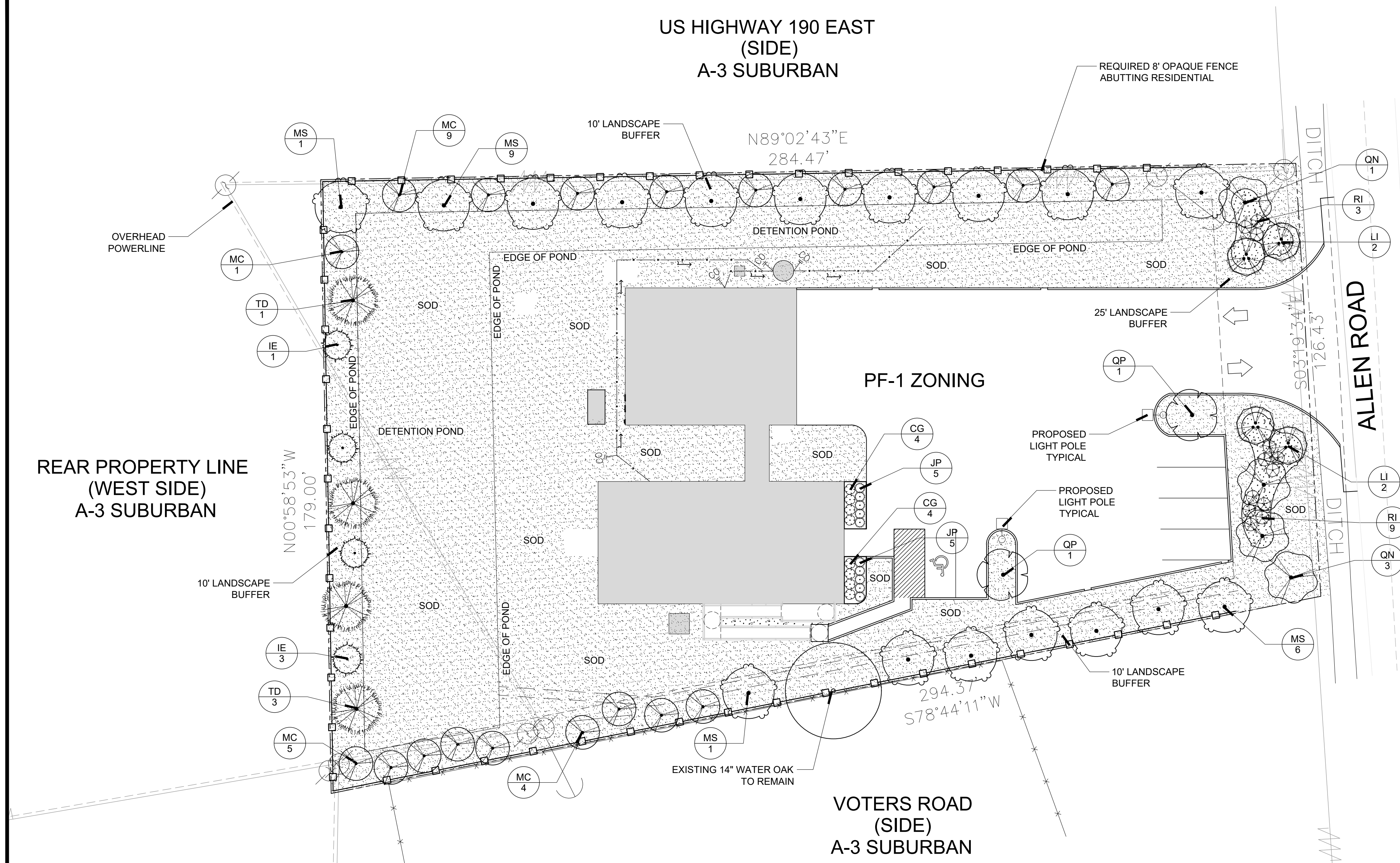
VOTERS ROAD
(SIDE)
A-3 SUBURBAN

SECTION 7.0112 MAINTENANCE & REPLACEMENT

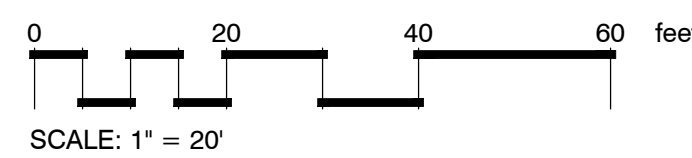
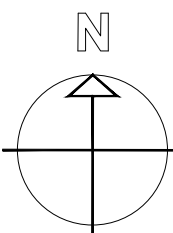
- A. MAINTENANCE: The Owner or his agent shall be responsible for the maintenance and repair of all landscaping materials and barriers as may be required by the provisions of this Section.
- Planting Beds shall be mulched to prevent weed growth and maintain soil moisture.
 - Plant Materials shall be 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

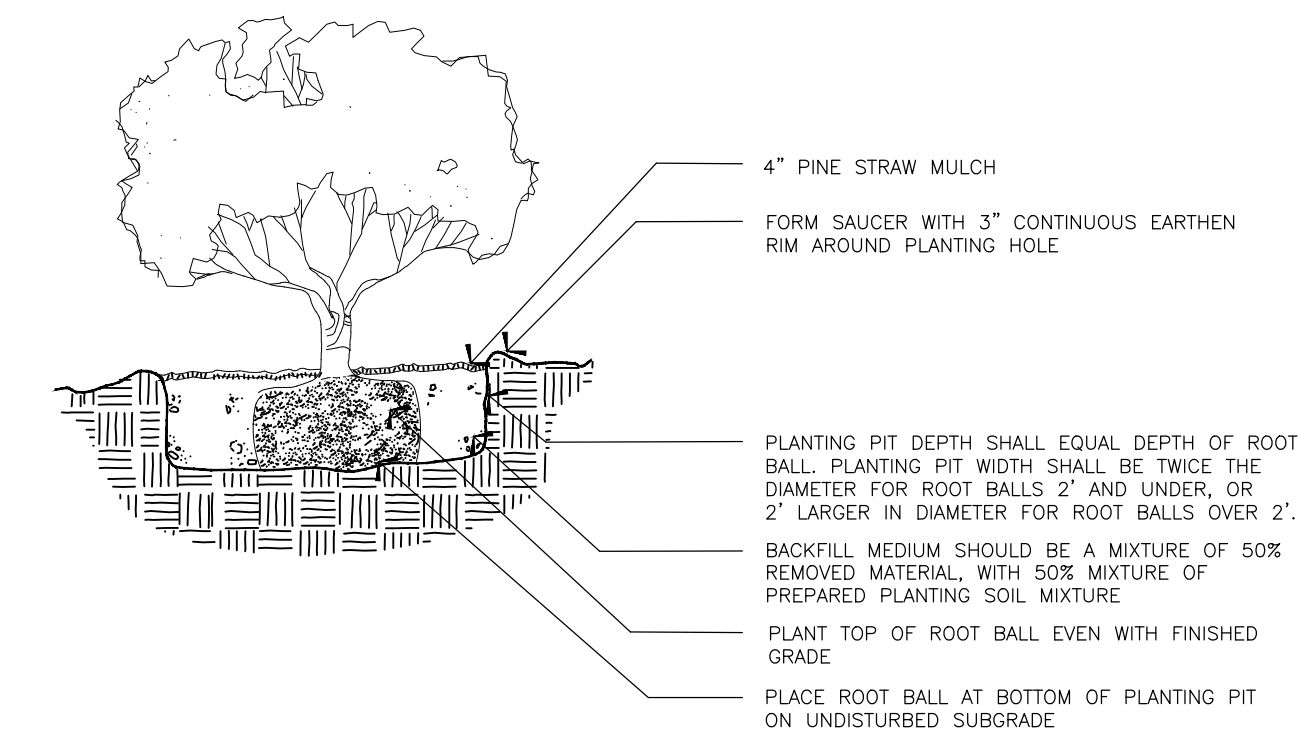


PLANT SCHEDULE

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	

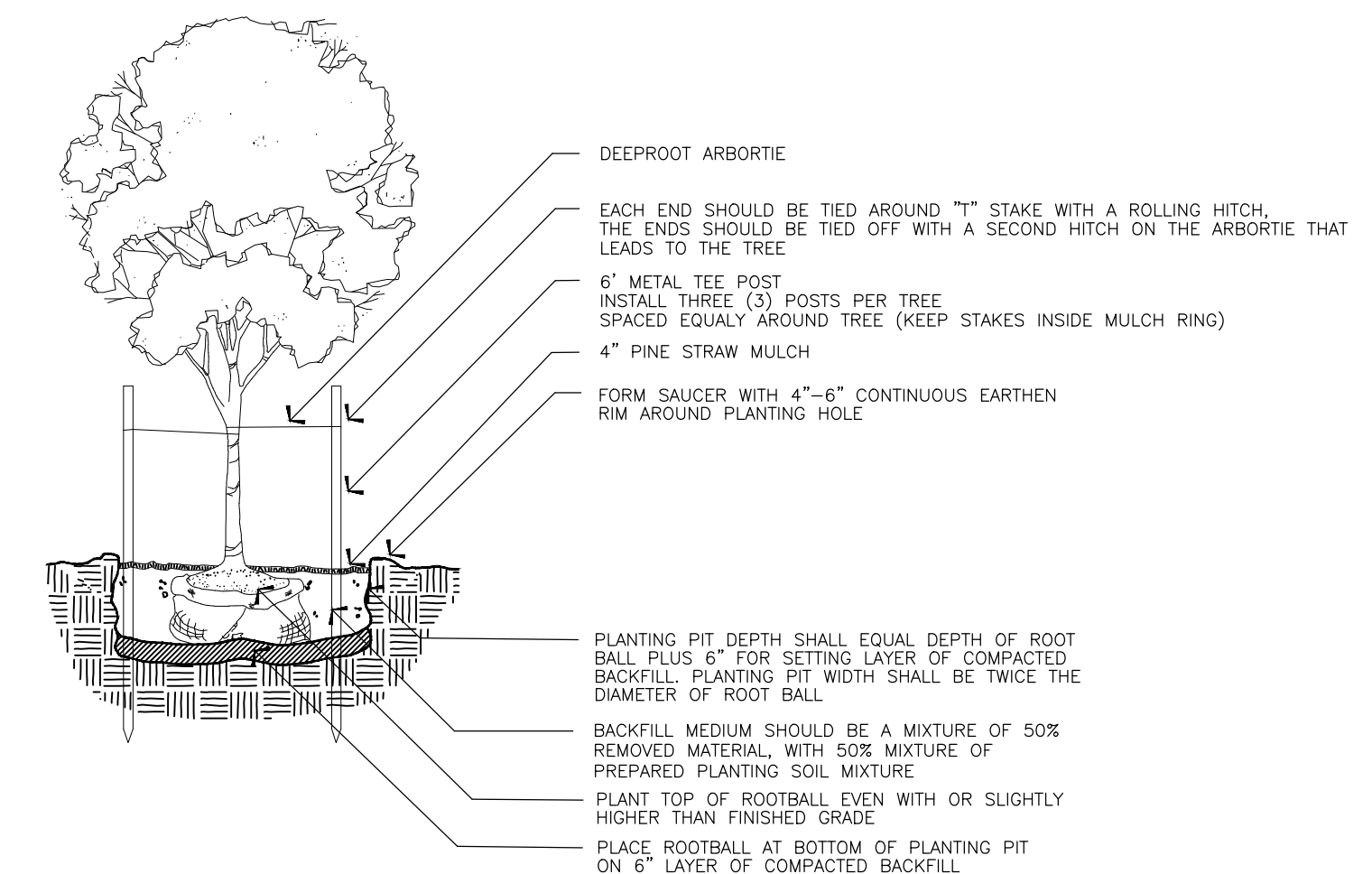
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ALLEN ROAD (ROW)	
25' LANDSCAPE BUFFER = 126.43'/30= 4.3 TREES	4A TREES AND 4B TREES PROVIDED
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9A TREES AND 9B TREES REQUIRED	
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REAR PROPERTY LINE (WEST SIDE)	
10' LANDSCAPE BUFFER = 179.00'/30=5.9 TREES	5A TREES AND 5B TREES PROVIDED
5A TREES AND 5B TREES REQUIRED	
5A TREES AND 5B TREES PROVIDED	
VOTERS ROAD (SIDE)	
10' LANDSCAPE BUFFER = 294.37'/30=9.8 TREES	7A TREES AND 9B TREES PROVIDED
9A TREES AND 9B TREES REQUIRED	2 EXISTING TREE CREDIT
7A TREES AND 9B TREES PROVIDED	



1 SHRUB PLANTING DETAIL

LS-1 N.T.S.

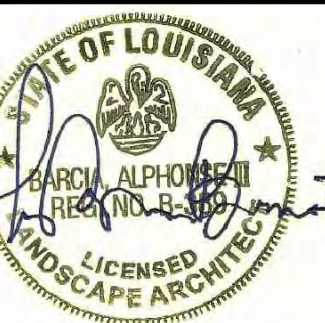
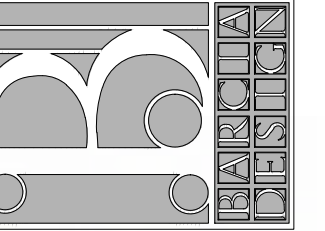


2 TREE PLANTING DETAIL

LS-1 N.T.S.

ALPHONSE BARCIA III
LANDSCAPE ARCHITECT LLC.

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SLIDELL, LOUISIANA 70461
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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

CHECKED BY: AB3

SHEET:

LS-1

REV.

DATE: SEPTEMBER 9TH, 2022