

FILE NAME: A:\Government\2456 - Allen Road Fire Station - 1A\Drawing\General\Drawing\0101 - Site Plan.dwg PLOT DATE: 8/22/2022 13:53:33

GENERAL STRIPING NOTES

1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM.
2. 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.
3. SEE SPECIFICATIONS (321913 CONCRETE PAVING) FOR ALL MARKING COLORS, PAINT MATERIALS AND CURB STOPS.

PARKING STRIPING MINIMUM DIMENSIONS

1. 90° PARKING STALL : 9'-0" WIDTH, 20'-0" LENGTH
2. ADA VAN ACCESSIBLE : 9'-0" WIDTH, 20'-0"

TREE & STUMP REMOVAL NOTES:

1. 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.
2. 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.
3. CONTRACTOR SHALL PROTECT ANY EXISTING FENCE, SIDEWALK, CURB, STREETS, MANHOLE COVERS AND CATCH BASINS NOT SHOWN ON THESE PLANS FOR REMOVAL.
4. 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 LOGS 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.
5. 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.
6. 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.
7. THE GENERAL CONTRACTOR SHALL BACKFILL THESE HOLES.
8. CONTRACTOR SHALL WARRANTY WORK AGAINST SUCKER GROWTH FOR A PERIOD OF ONE (1) YEAR.

PARKING	
PROVIDED SPACES: 5 INCLUDING 1 HDCP = 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.	

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#	DESCRIPTION	DATE
1	OWNER SHALL FURNISH WELL AND TREATMENT PLANT	07-29-22
2	Added Parking Lot Striping Notes	8/17/2022



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

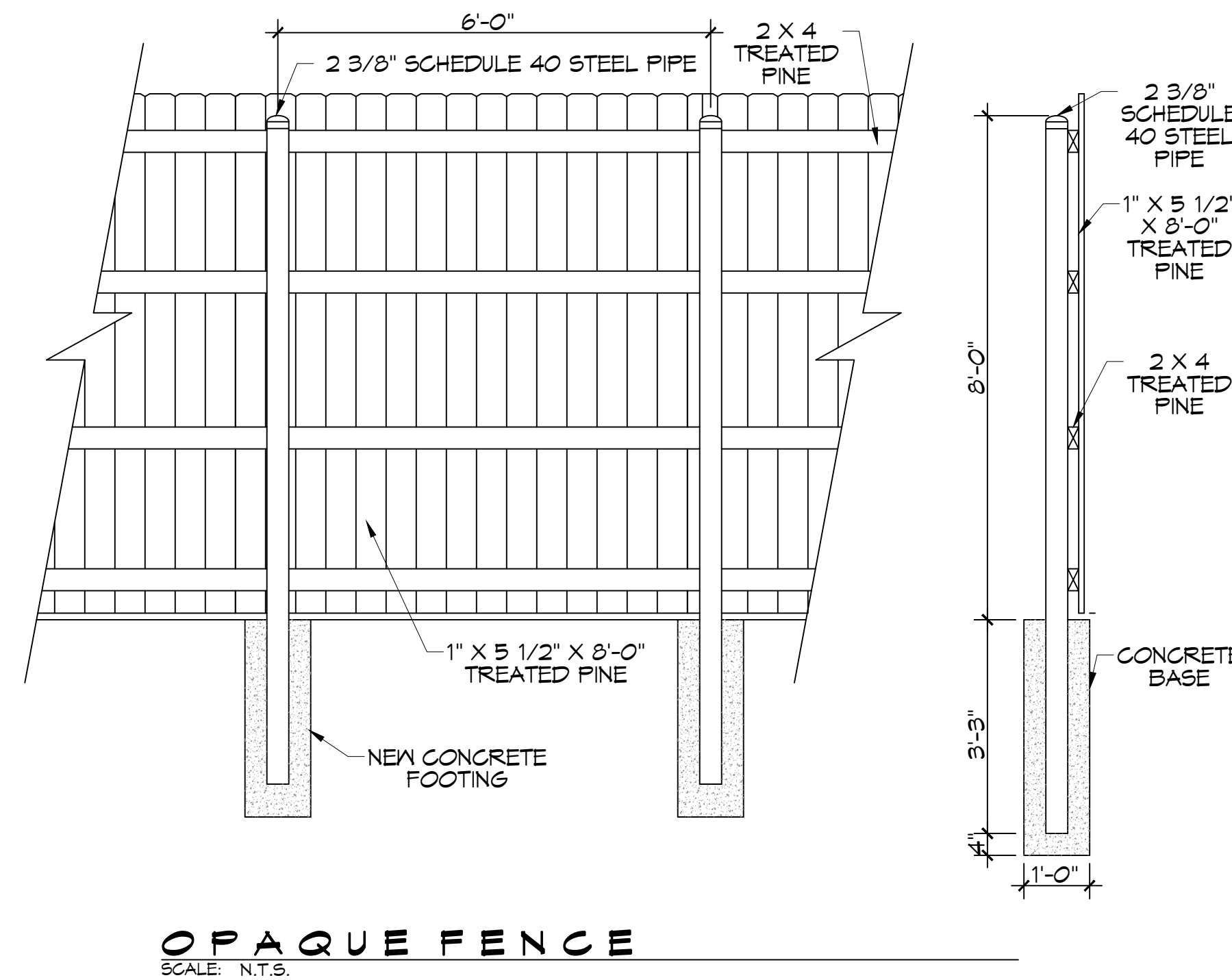
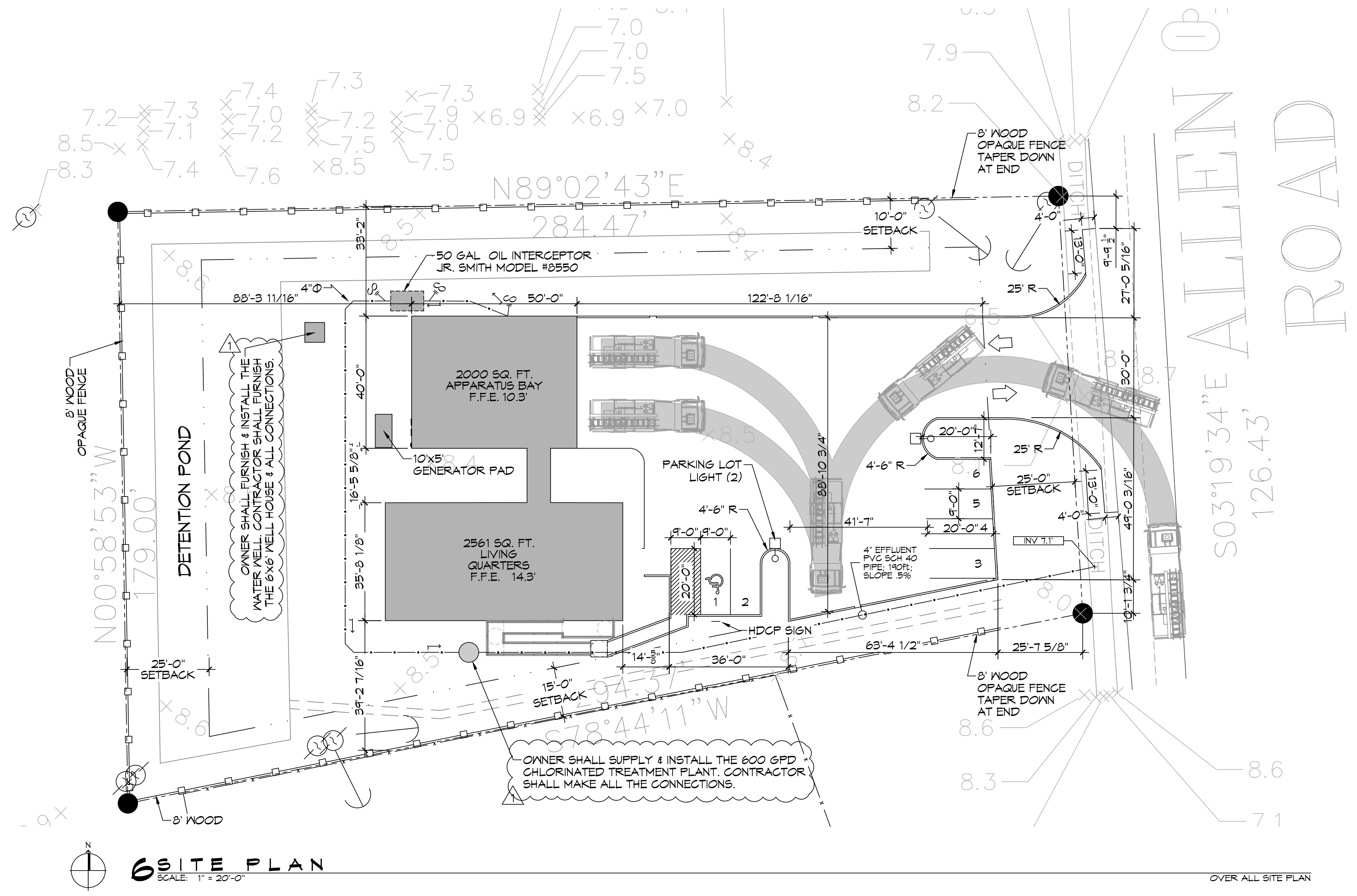
57047 ALLEN ROAD
SLIDELL, LOUISIANA 70461

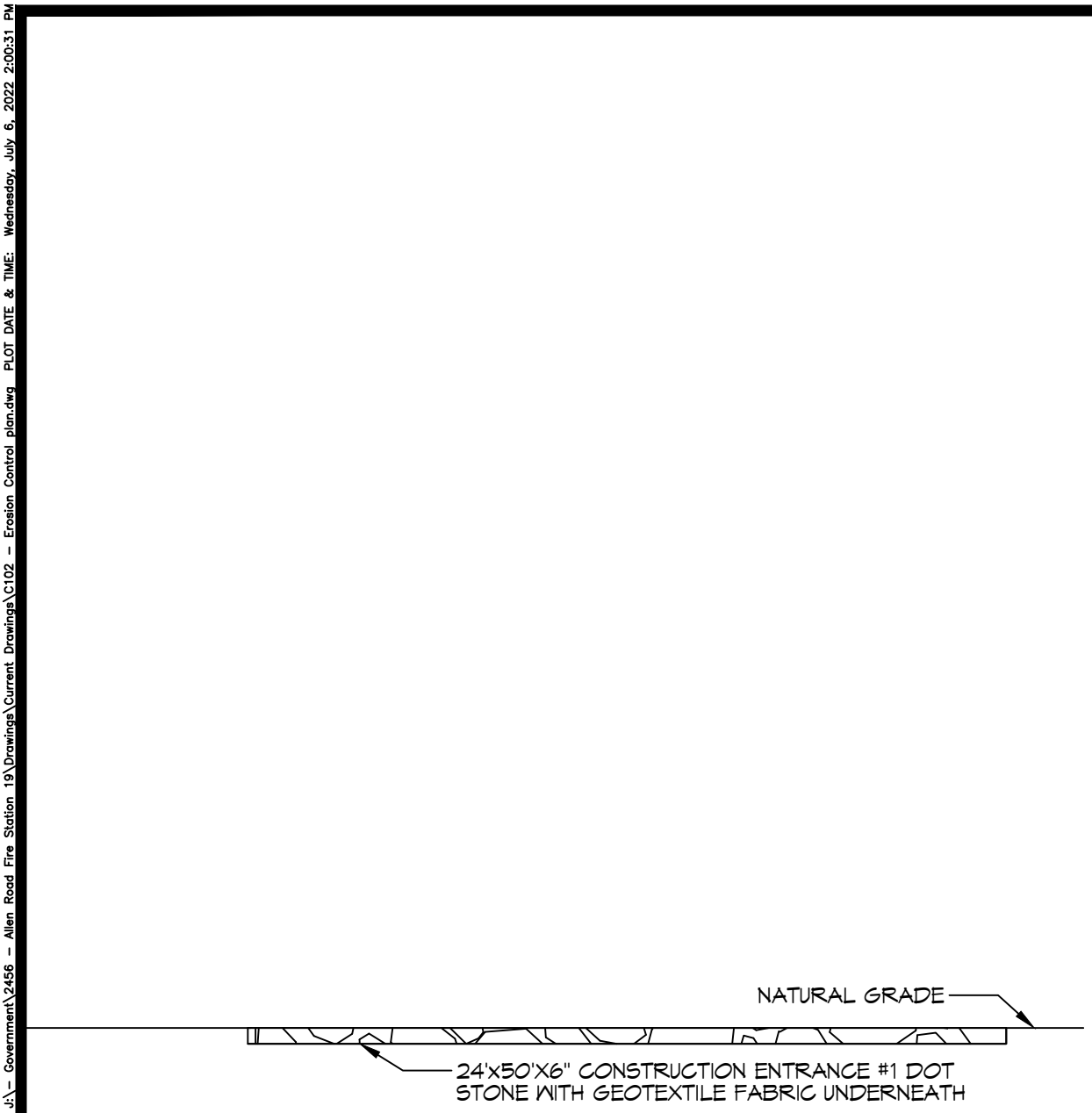
JOB No: 2456 DATE: 05-16-2022
DRAWN BY: C&D CHECKED BY: JMS

SHEET TITLE:
SITE PLAN

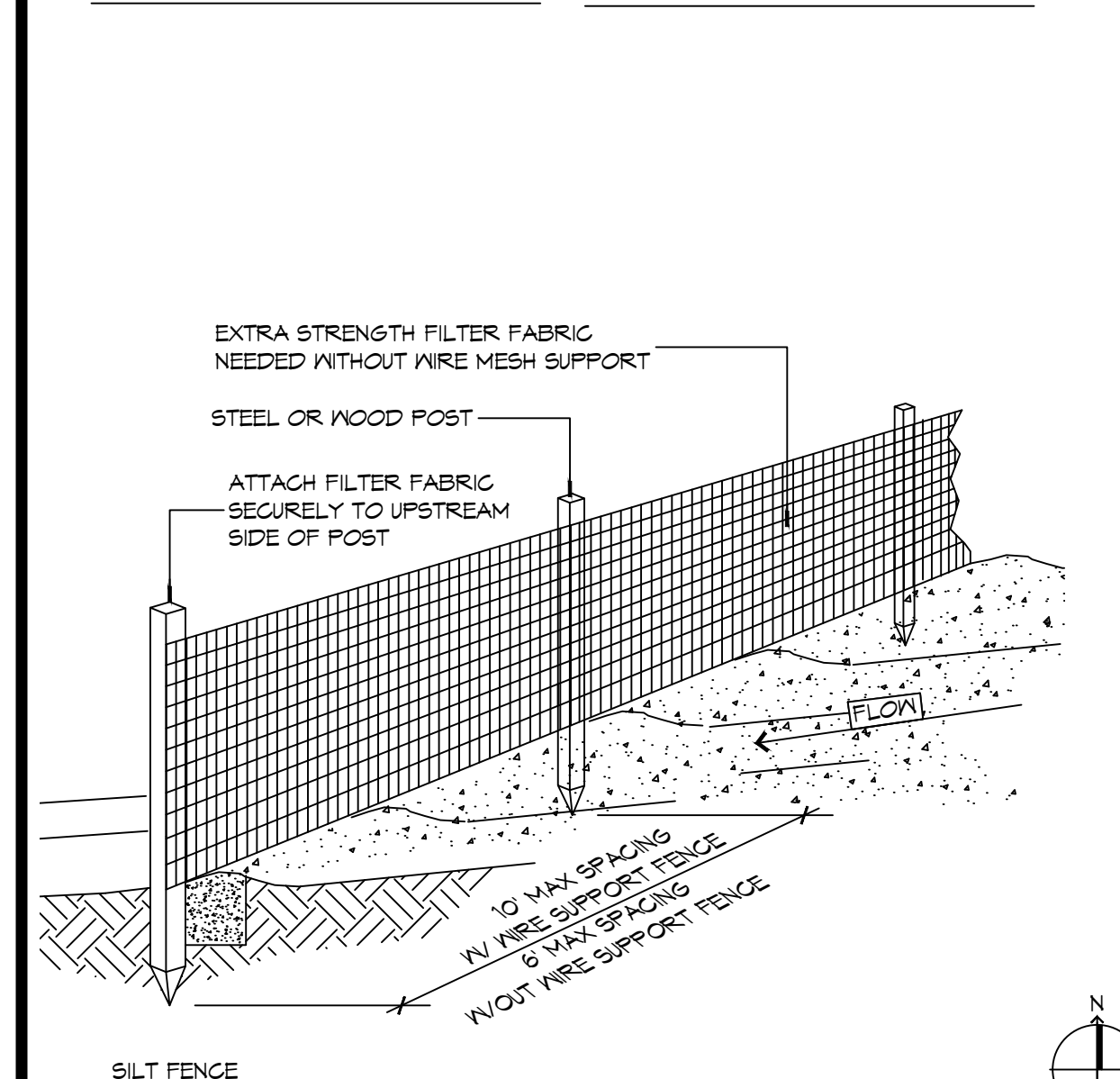
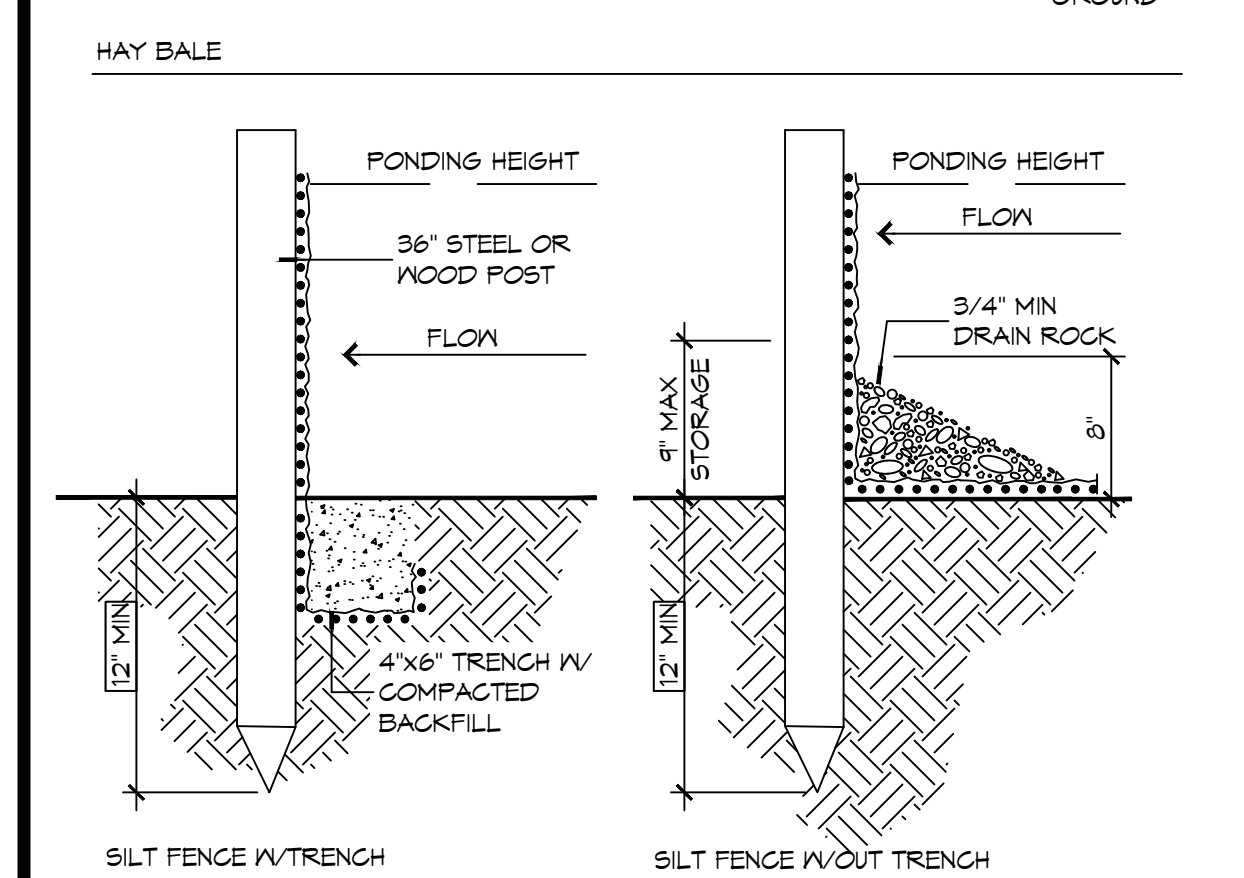
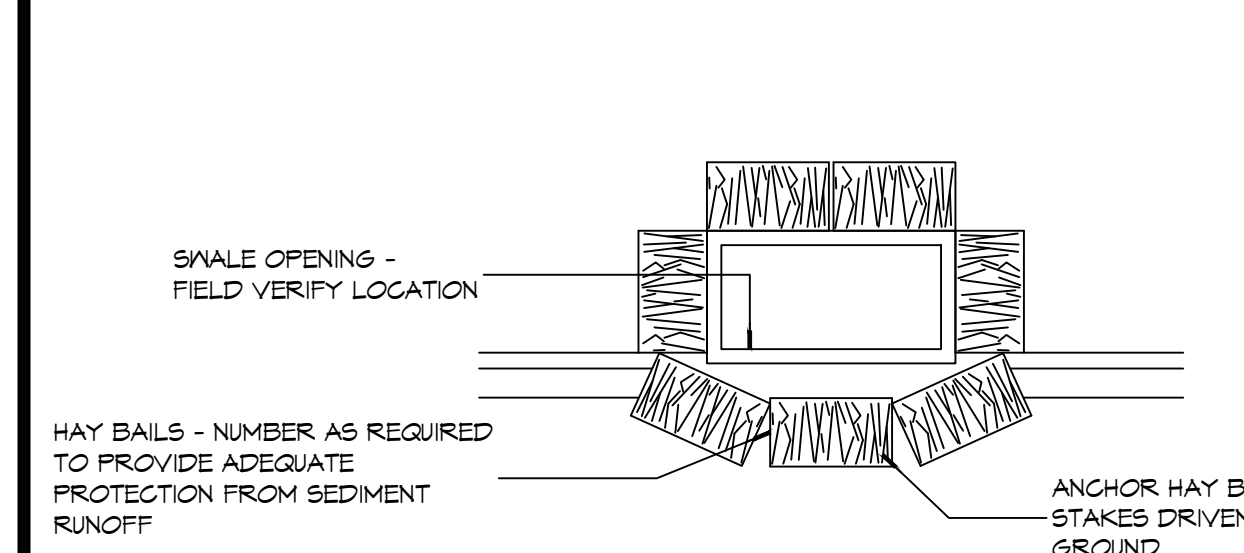
DRAWING NUMBER:
C101

SHEET No: 3 of 30

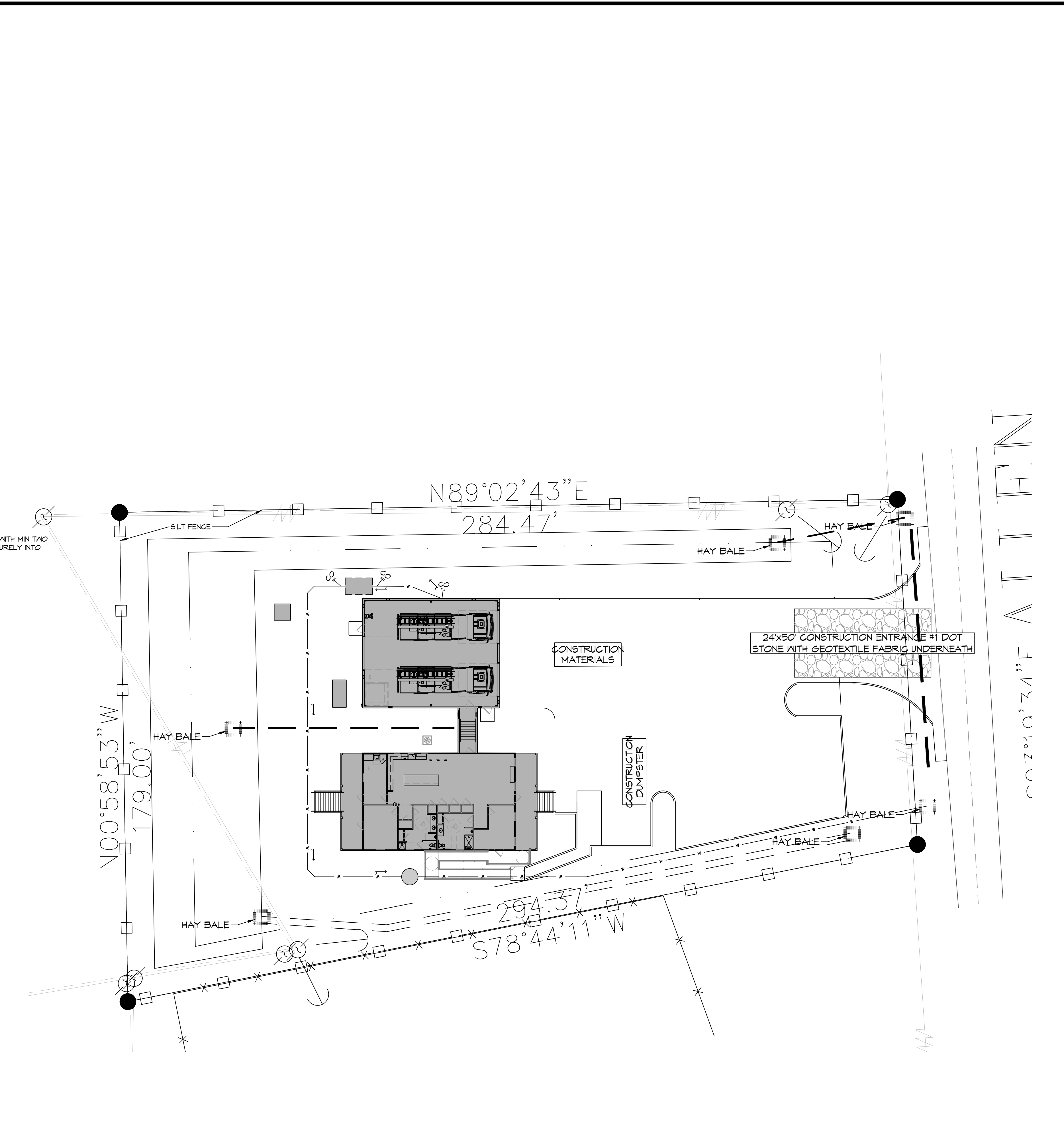




CONSTRUCTION ENTRANCE
SCALE: 3/16" = 1'-0"
TYPICAL SECTION



SILT FENCE
SCALE: 1" = 10'-0"



7 EROSION CONTROL PLAN
SCALE: 1" = 10'-0"

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 - 1 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

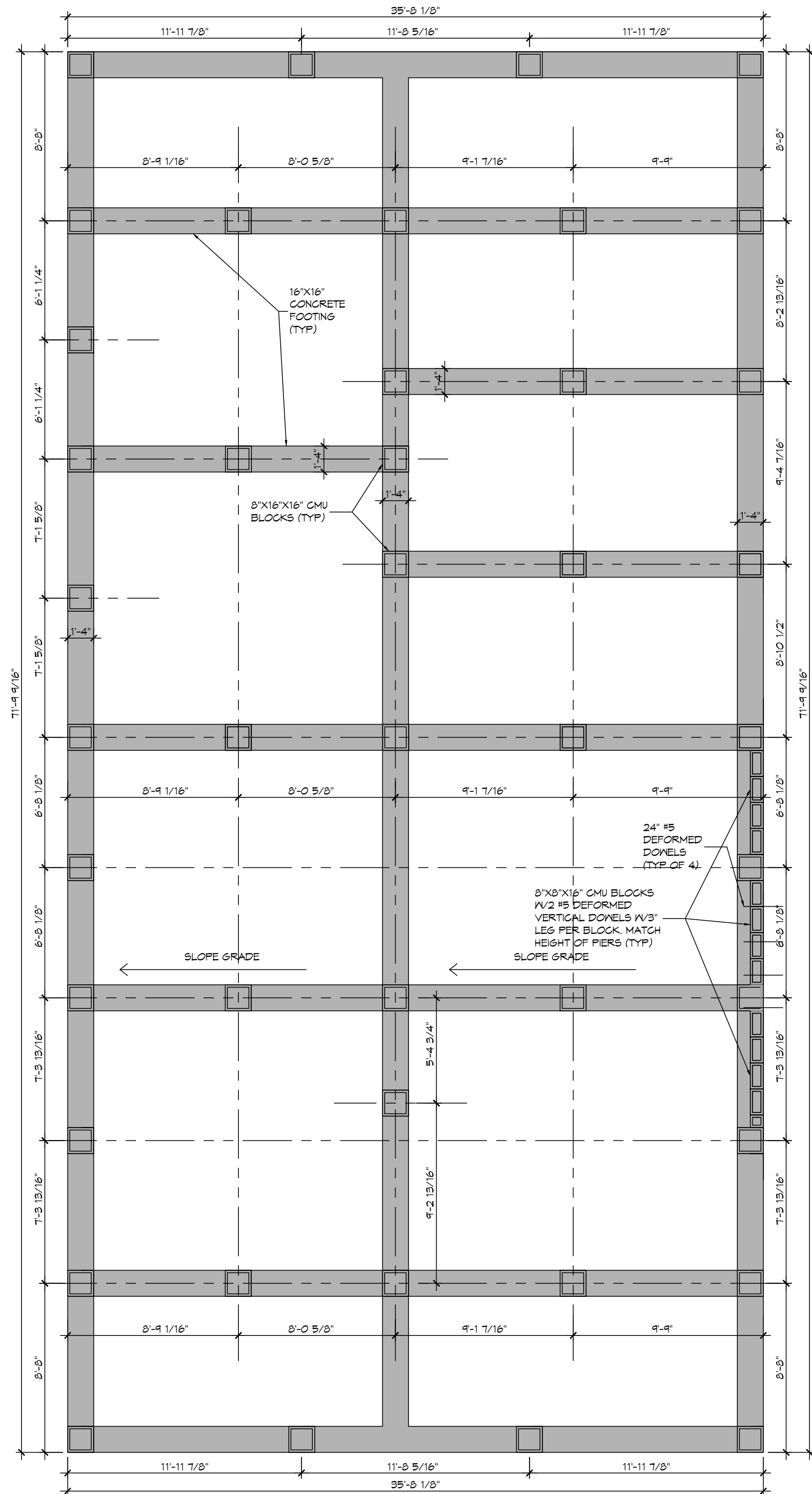
SEED OR SOD ALL DISTURBED AREAS

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Silt Fence
Sugart, LA 70458
PH: 985-649-5832

REVISIONS	DATE
#	DESCRIPTION
1	

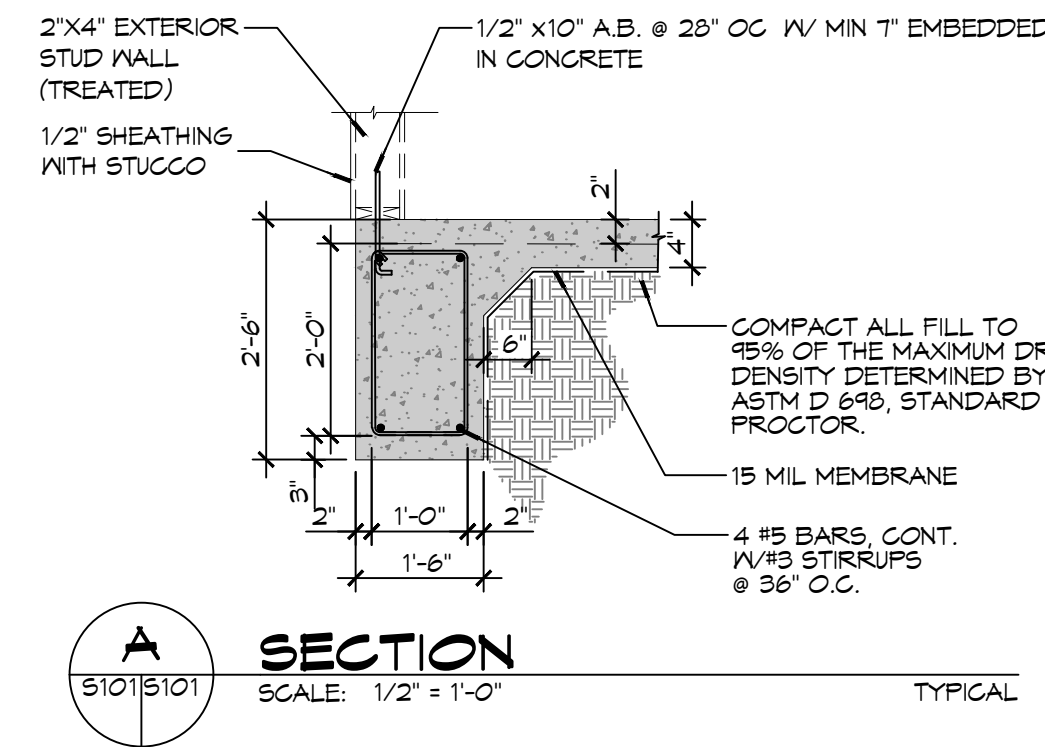


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
57047 ALLEN ROAD
SLIDELL, LOUISIANA 70461
JOB No: 2486
DATE: 05-16-2022
DRAWN BY: CKD
CHECKED BY: BAW
SHEET TITLE:
EROSION CONTROL AND DETAILS
DRAWING NUMBER:
C102
SHEET No: 4 of 20

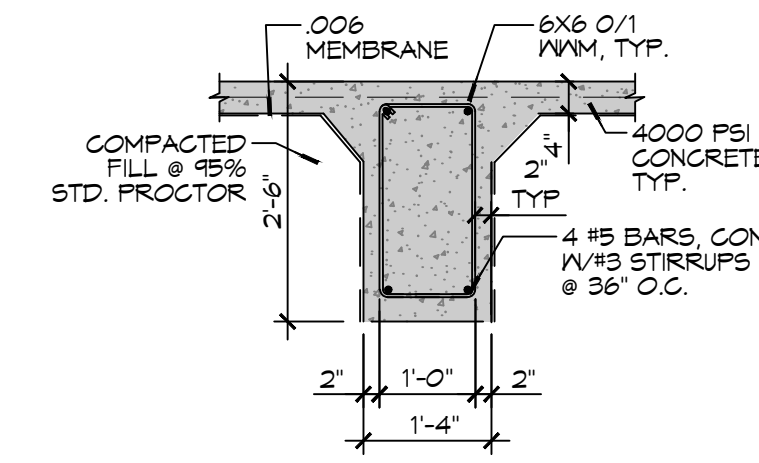


10 LIVING QUARTERS FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
LIVING QUARTERS

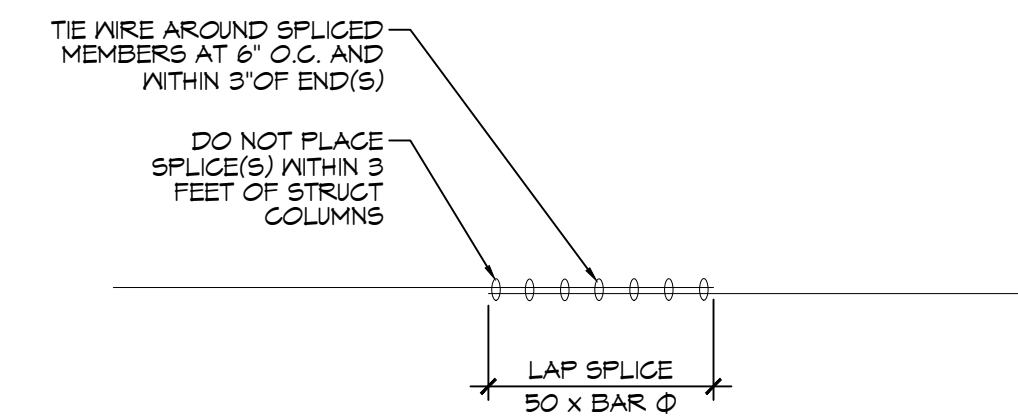
11 WALKWAY FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



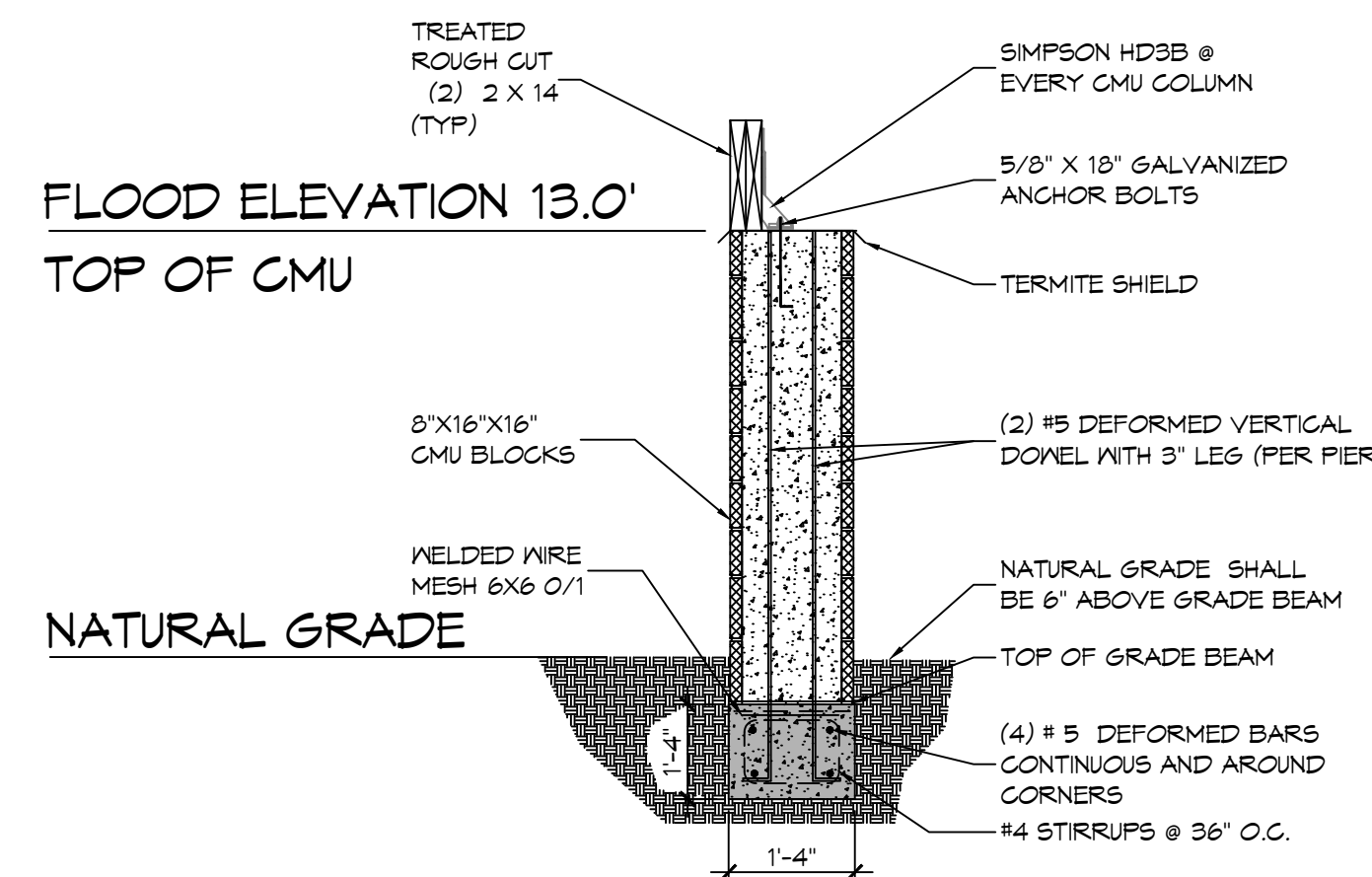
A SECTION
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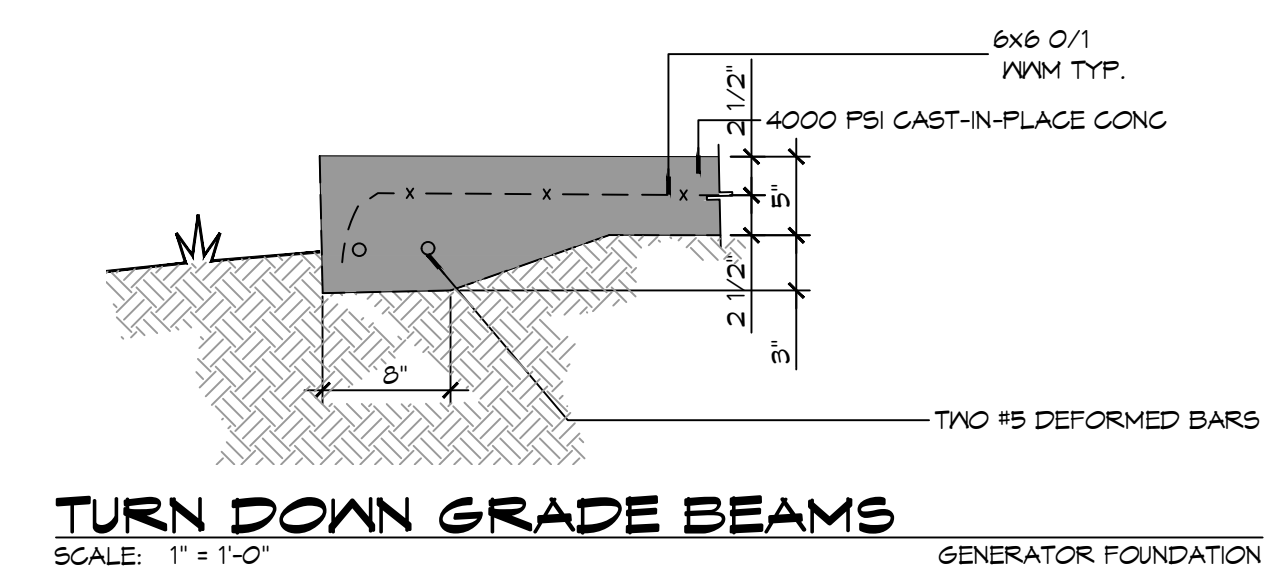
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SCALE: 1/2" = 1'-0" TYPICAL



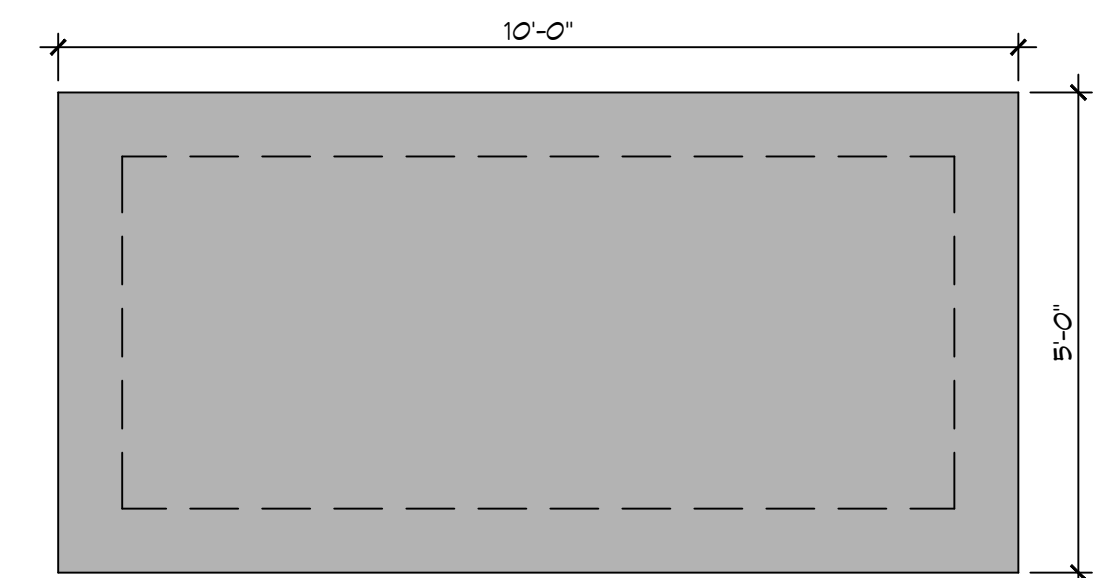
REBAR SPLICE
SCALE: 1/2" = 1'-0"



FOUNDATION SECTION
SCALE: 1/2" = 1'-0" LIVING QUARTERS



TURN DOWN GRADE BEAMS
SCALE: 1" = 1'-0" GENERATOR FOUNDATION



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

GENERAL FOUNDATION NOTES

- ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
- VERIFY ALL PLUMBING ROUGH-IN LOCATIONS AND DOUBLE UP ON FLOOR JOIST IN THOSE AREAS.
- CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
- ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- 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.
- ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
- THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS.
- GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
- FILL AND MUCK OUT 24" MINIMUM. SEE THE GEOTECHNICAL ENGINEERING REPORT BY STRATUM ENGINEERING DATED APRIL 21, 2022
- ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT.

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Stuttgart, LA 70468

NO.	DESCRIPTION	DATE



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: BAY CHECKED BY: CKD

SHEET TITLE:
LIVING QUARTERS FOUNDATION PLAN

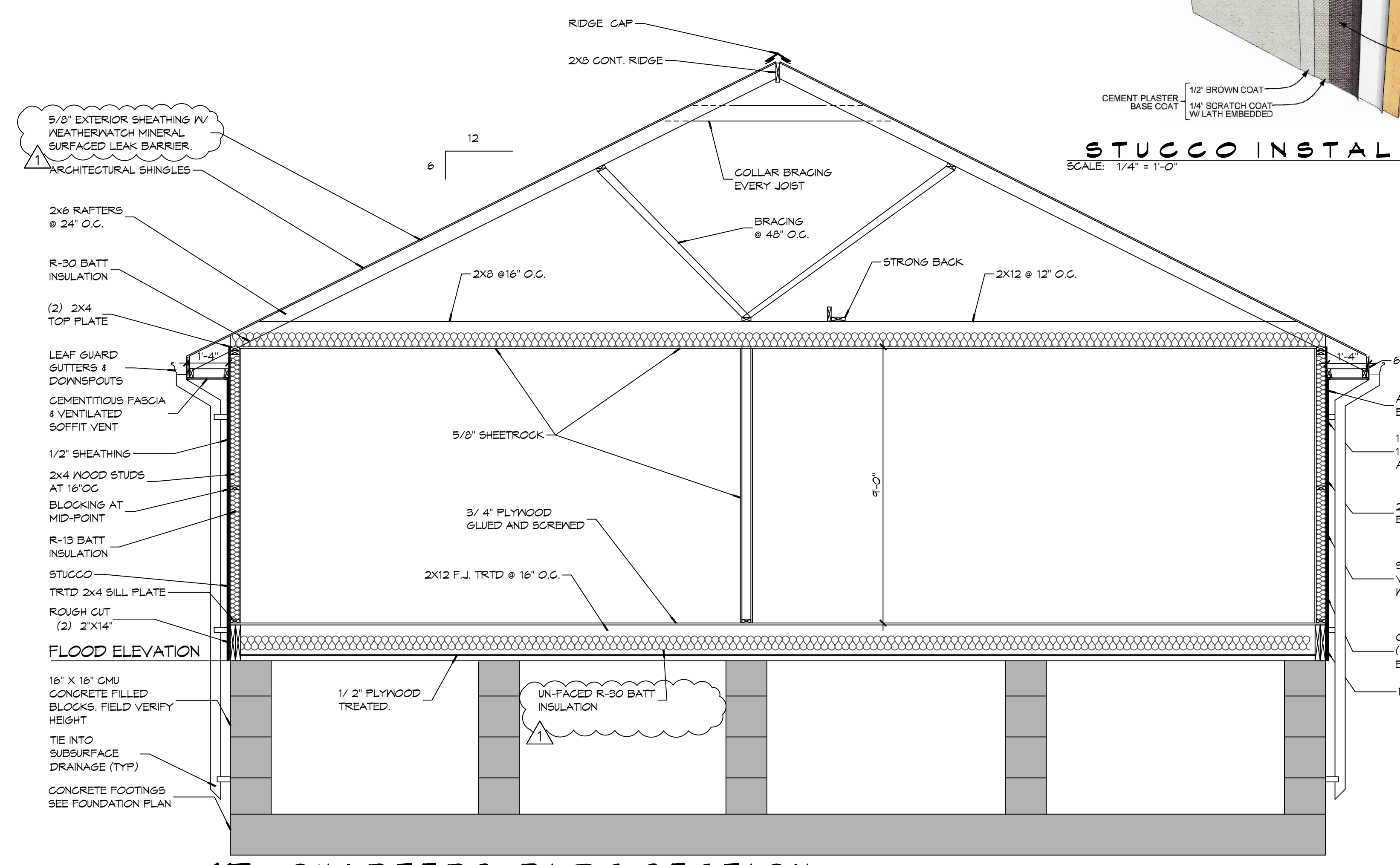
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S101

SHEET No: 6 of 30

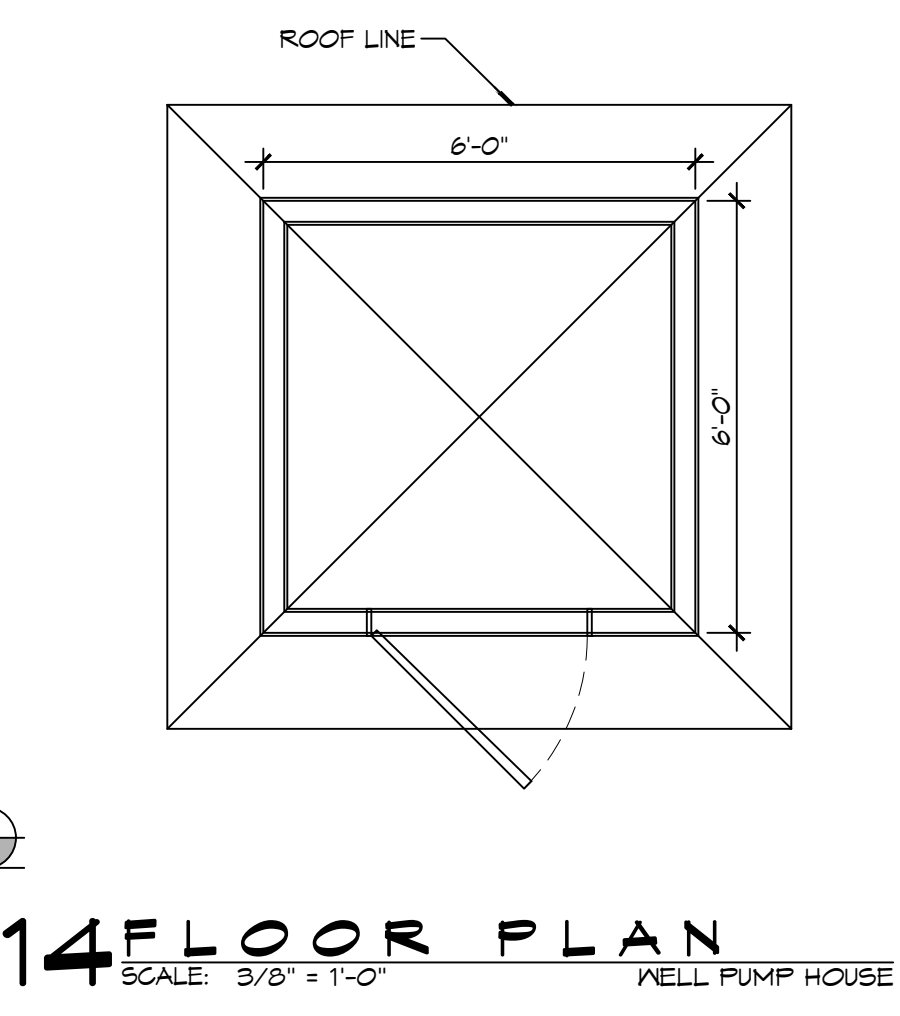
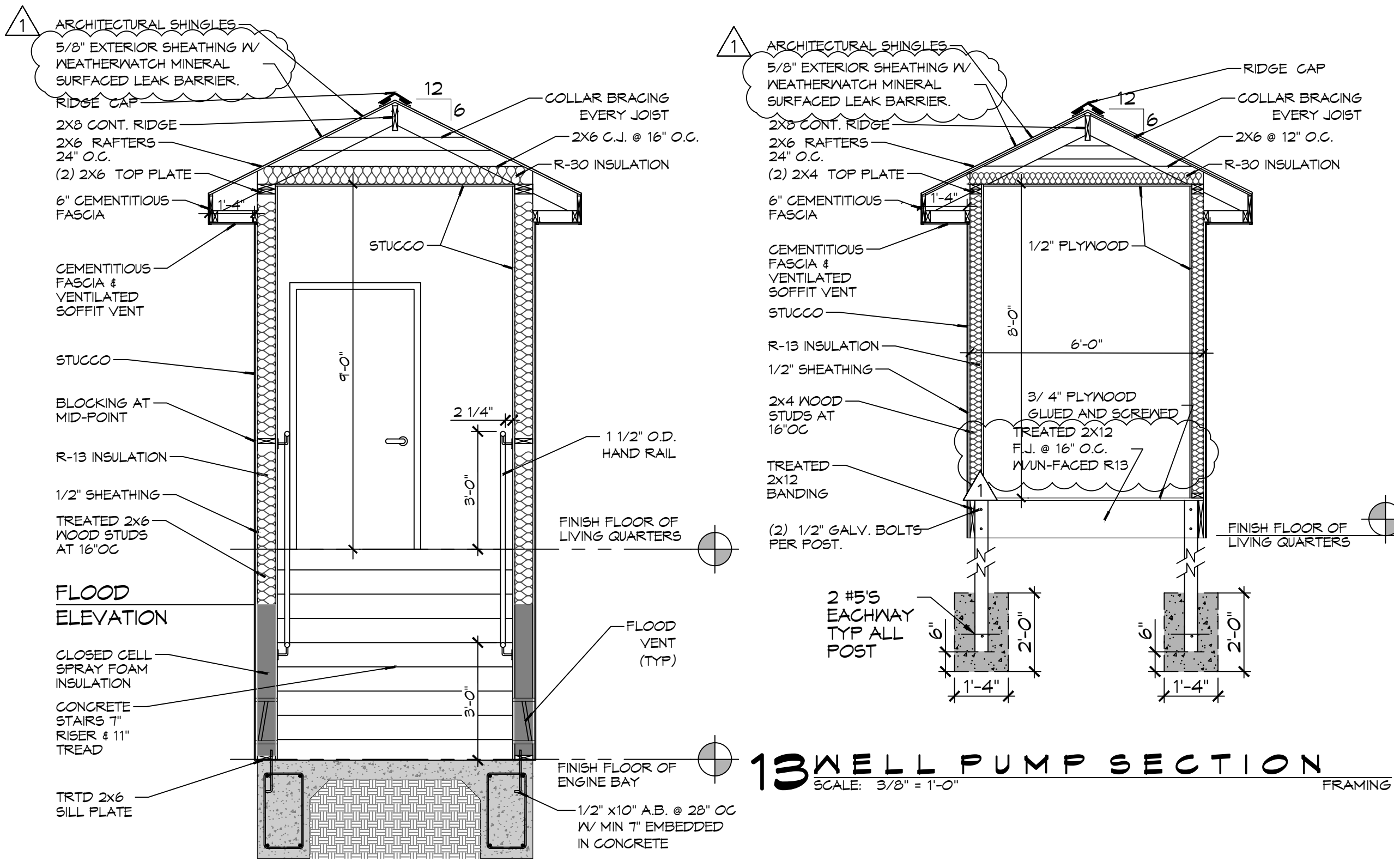
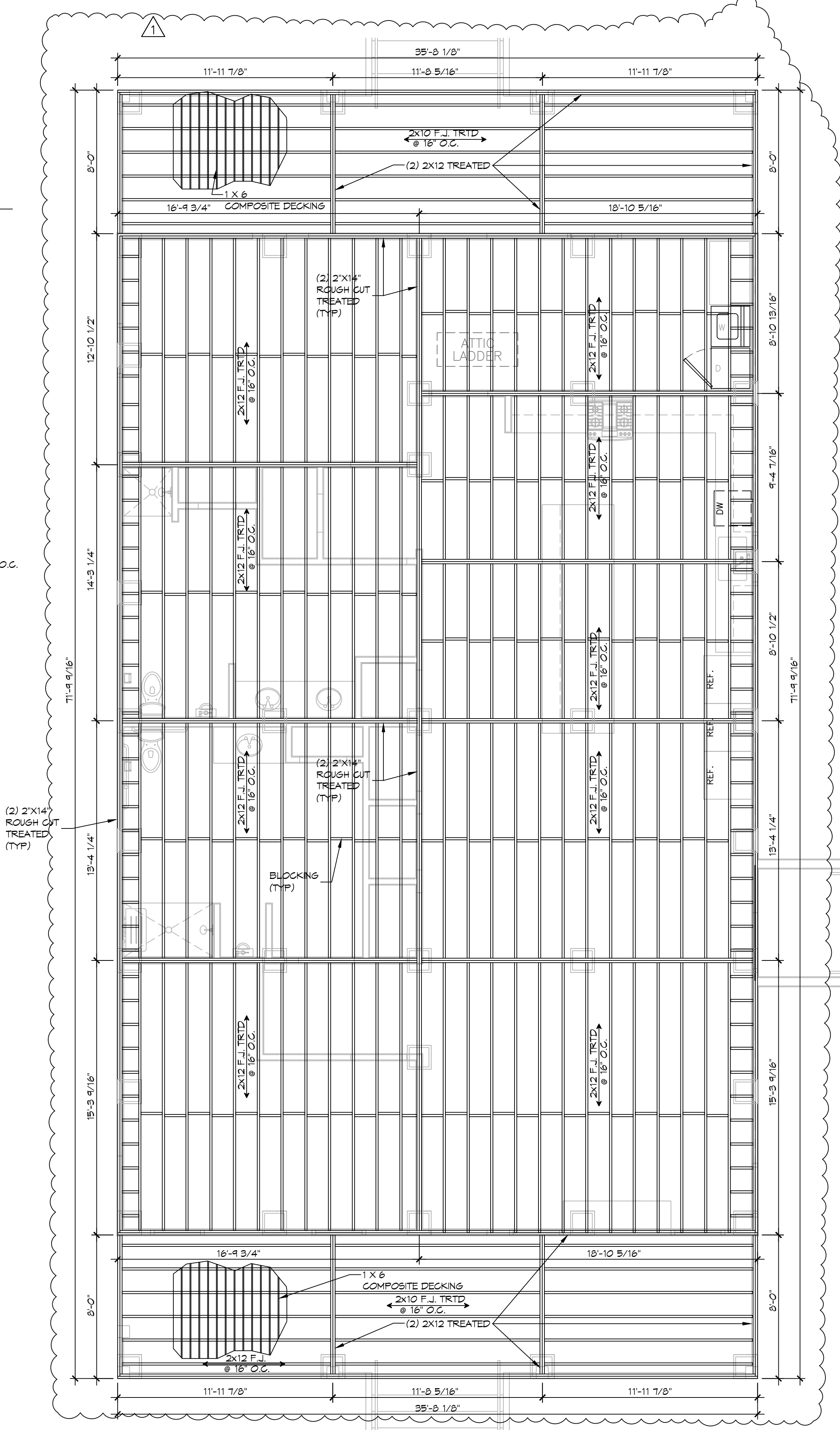
18" GAP BETWEEN SHEETS OF PLYWOOD OR OSB AT VERTICAL & HORIZONTAL JOINTS
 WOOD STUDS
 2 LAYERS OF WATER RESISTANT BARRIER, 30 LB. FELT, MIN.
 SHEATHING: EXTERIOR GYPSUM, PLYWOOD, OR OSB
 SELF-FURRING LATH NAILED @ 8" O.C. VERTICALLY & HORIZONTALLY
 FINISH COAT
 CEMENT PLASTER BASE COAT (1/2" BROWN COAT 1/4" SCRATCH COAT W/ LATH EMBEDDED)
 STUCCO INSTALLATION
 SCALE: 1/4" = 1'-0"

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.

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 Slidell, LA 70458



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

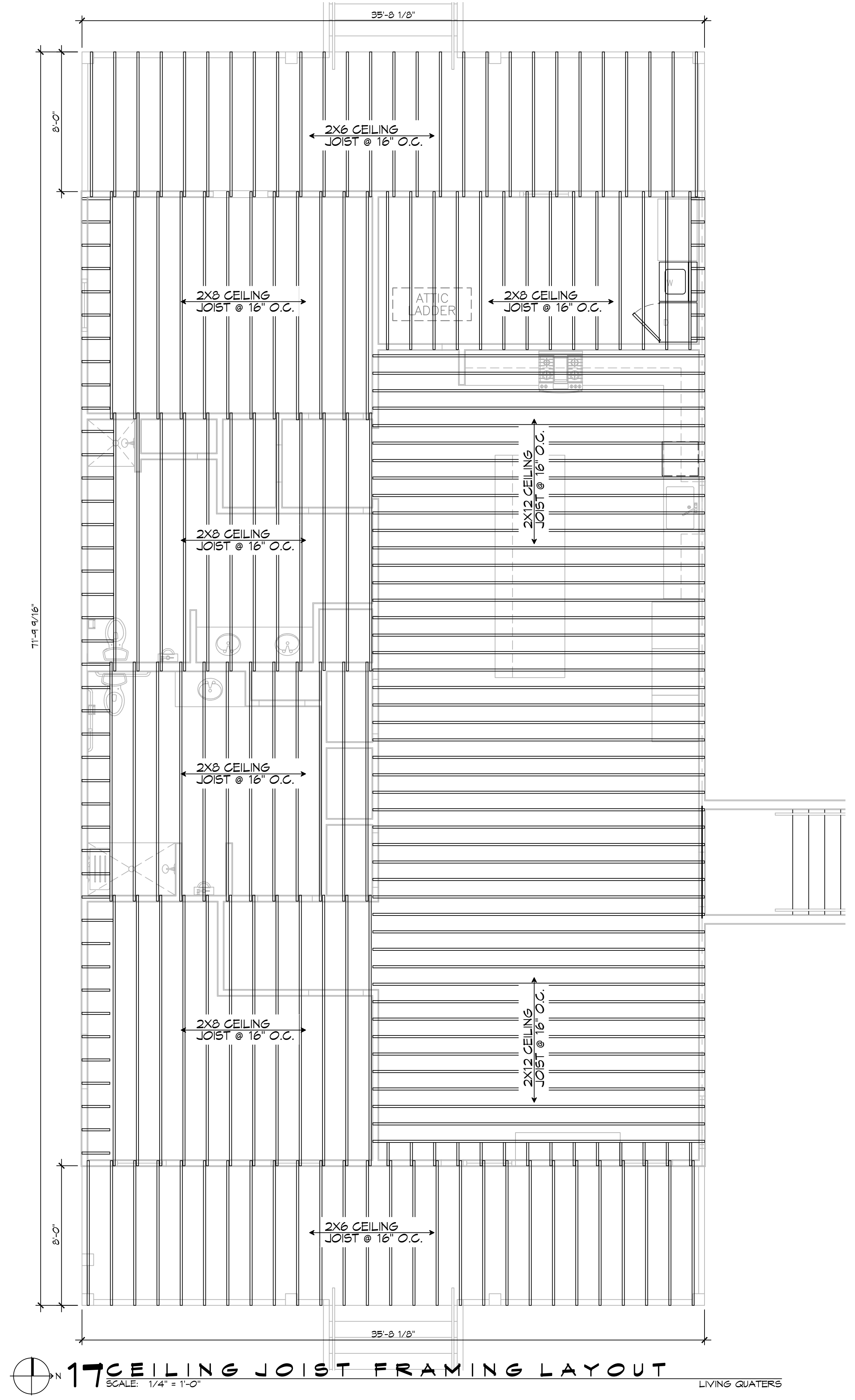


NO.	DESCRIPTION	DATE
1	REVISION INSULATION UNDER WOOD FLOOR. UNDERLAYMENT FOR ROOF & TREATED LUMBER	8/7/2022



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 87047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 24-56 DATE: 05-16-2022
 DRAWN BY: CACD CHECKED BY: BAY
 SHEET TITLE: QUARTERS BLDG SECTION AND FLOOR FRAMING PLAN
 DRAWING NUMBER: **S102**
 SHEET No: 7 of 30

C:\Users\BAMMON\OneDrive\Documents\Projects\17-Ceiling Joist Framing Layout.dwg, 11/9/16, 11:52 AM, 11/9/16, 11:52 AM



17 CEILING JOIST FRAMING LAYOUT
 SCALE: 1/4" = 1'-0"
 LIVING QUARTERS

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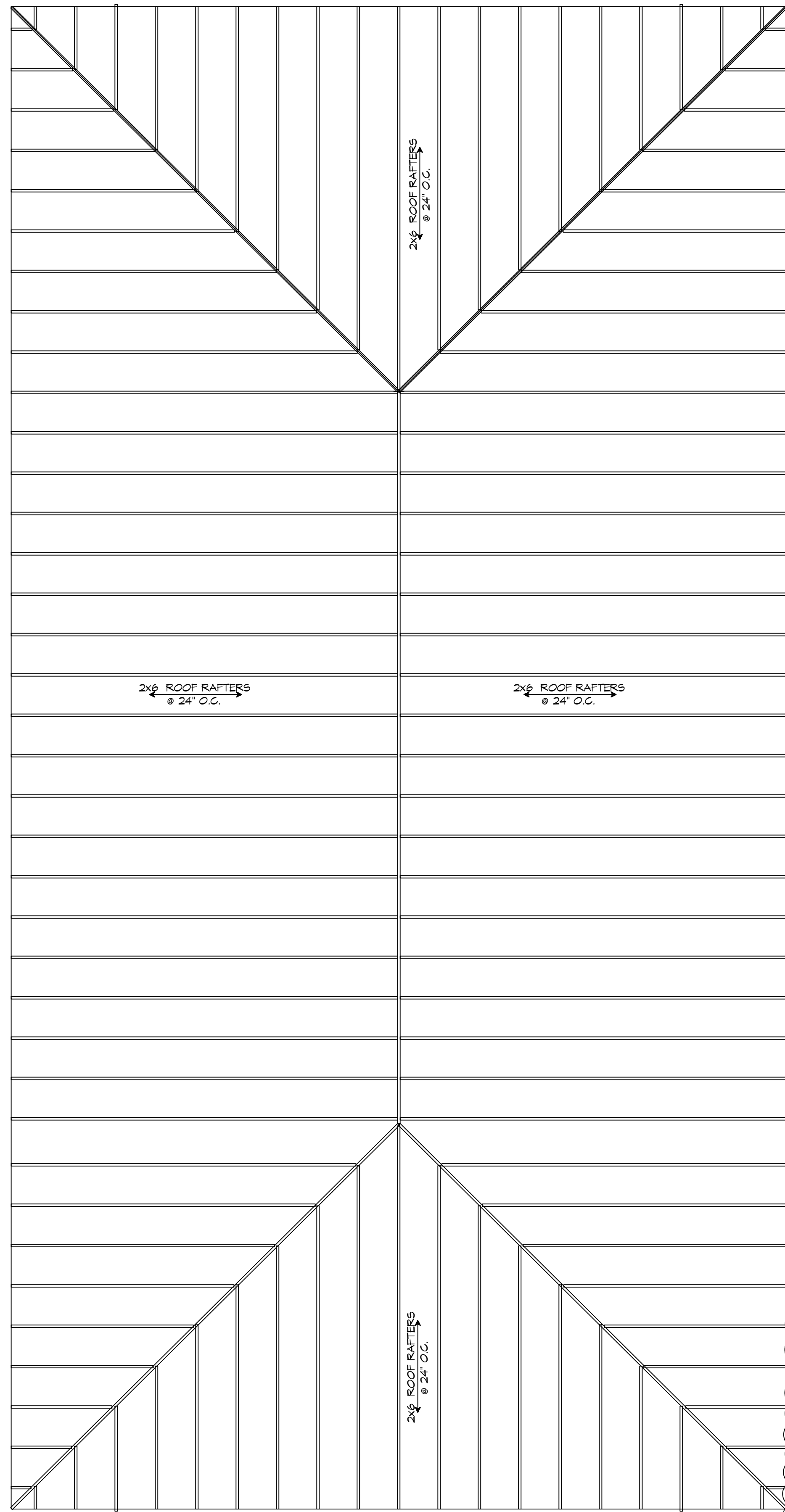
REVISIONS	DATE



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

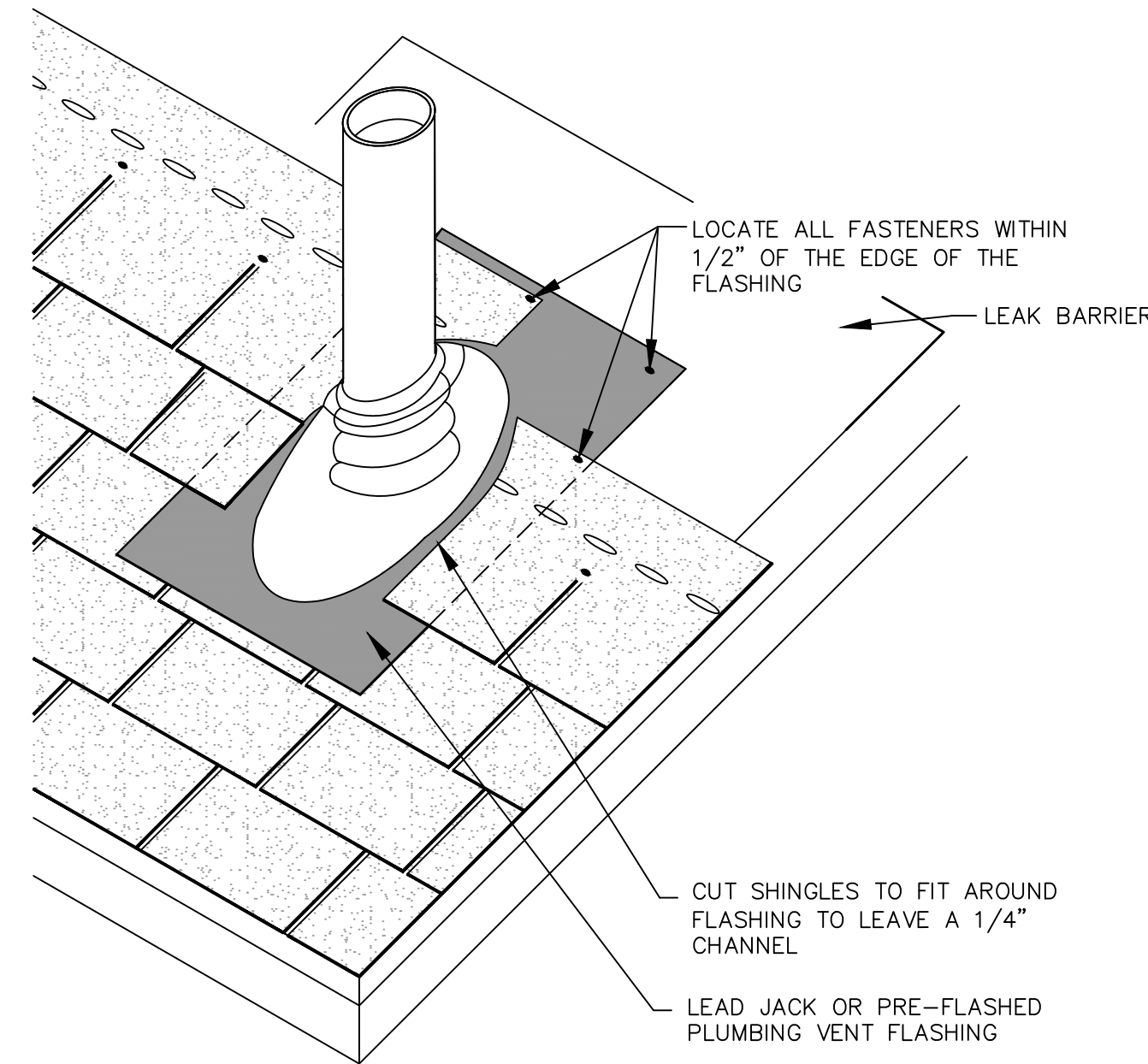
SHEET TITLE:
 QUARTERS BLDG CEILING JOIST LAYOUT

DRAWING NUMBER:
S103

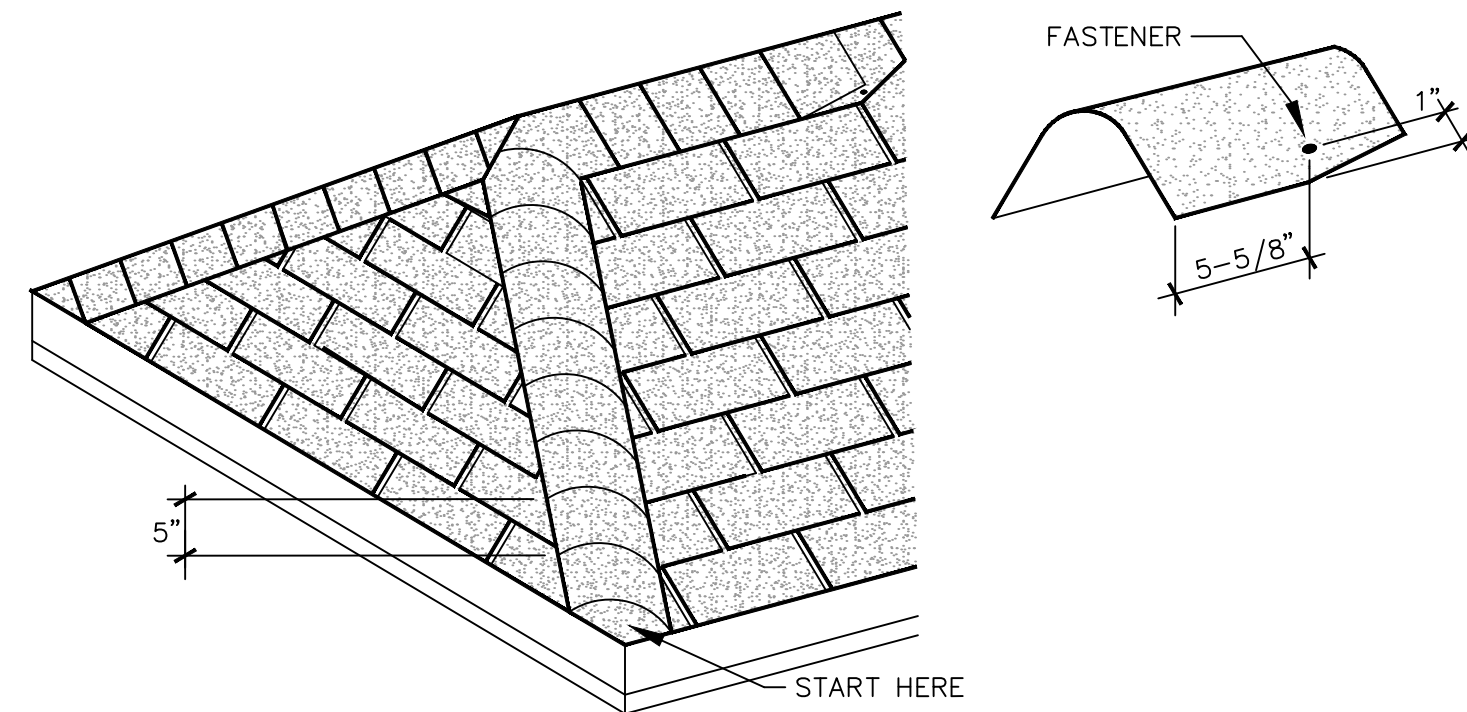


18 ROOF FRAMING
SCALE: 1/4" = 1'-0"

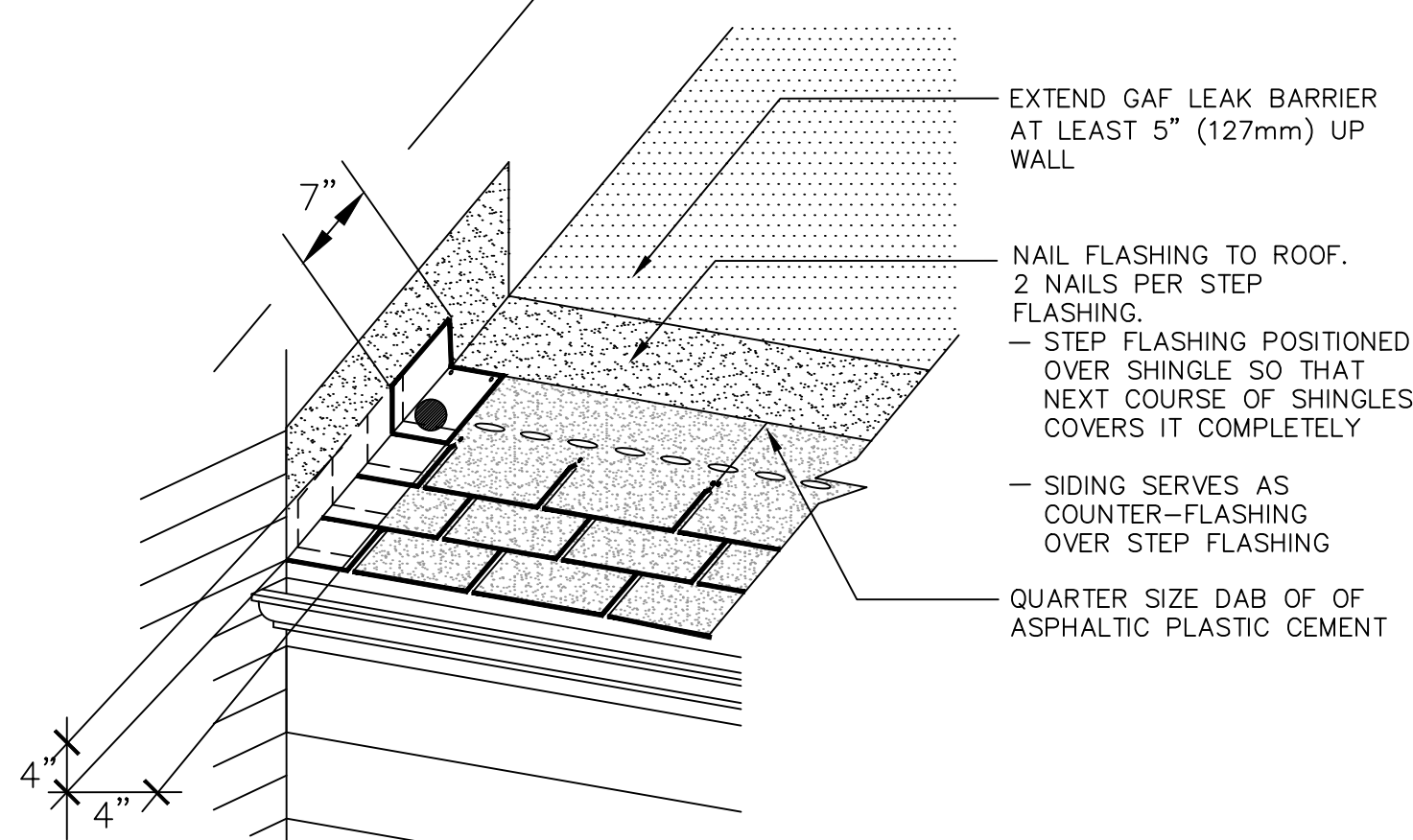
LIVING QUARTERS



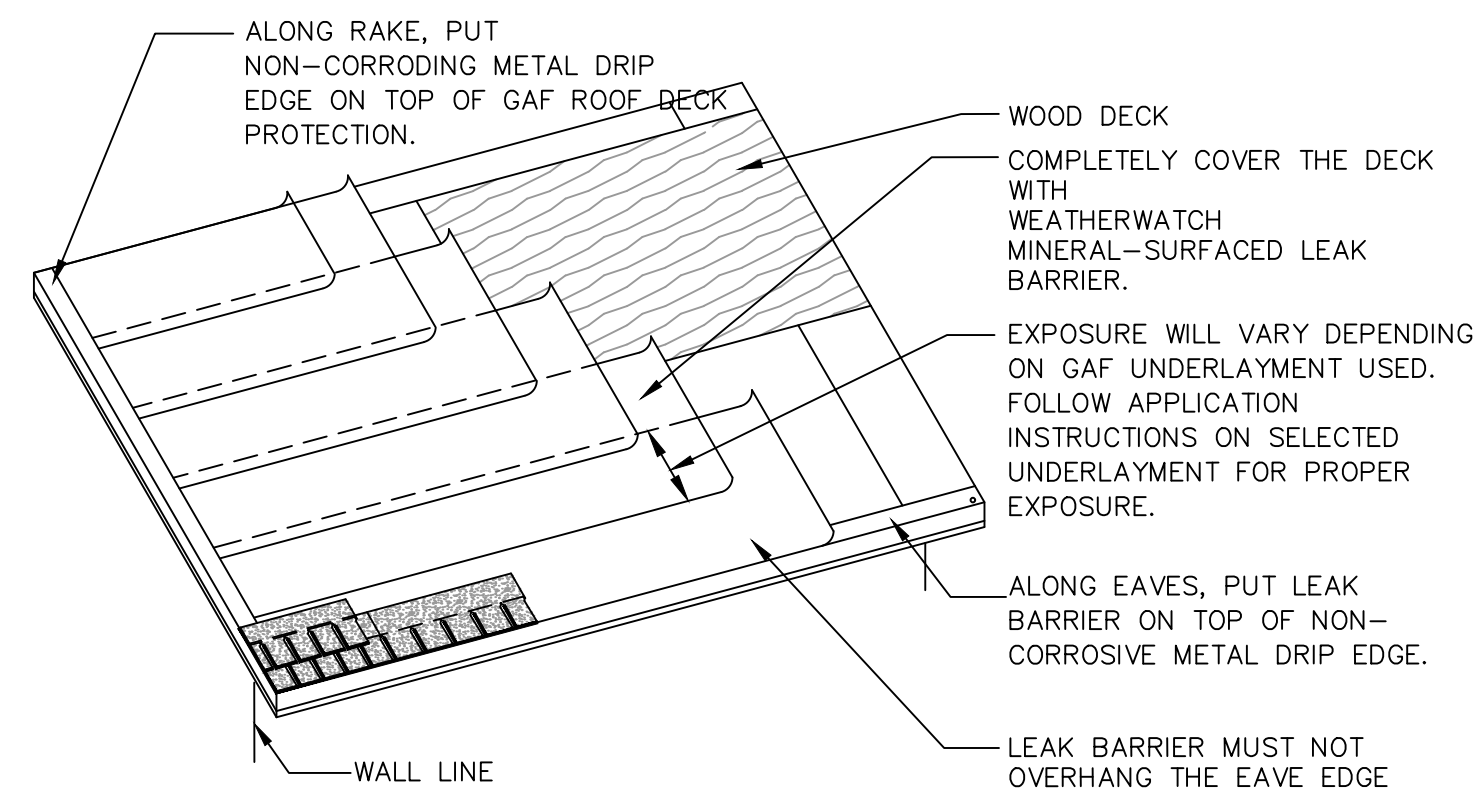
ROOF DETAIL - ROOF VENT DETAIL
SCALE: N.T.S.



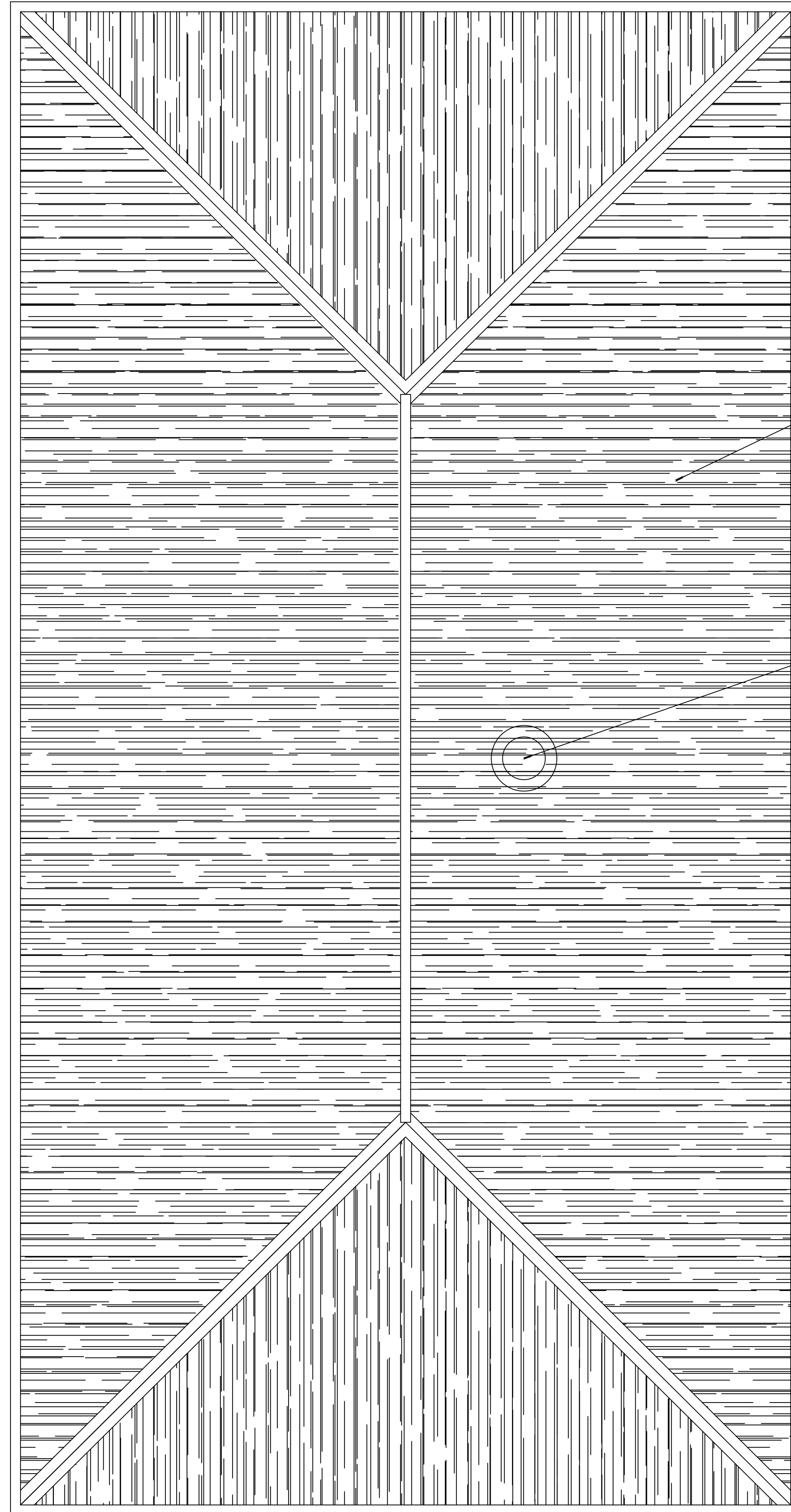
ROOF DETAIL - HIP/RIDGE DETAIL
SCALE: N.T.S.



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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REVISIONS	DATE
1 Added Roof Details	5/1/2022



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

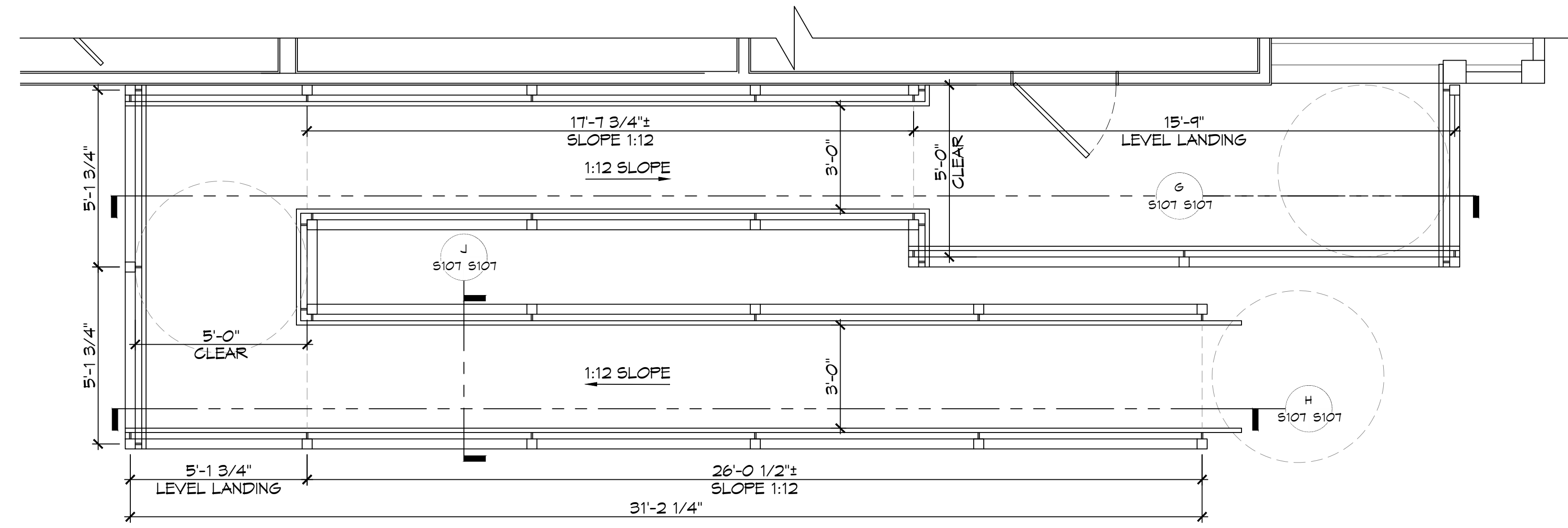
87047 ALLEN ROAD
SLIDELL, LOUISIANA 70461

JOB No: 2456 DATE: 05-16-2022
DRAWN BY: CACD CHECKED BY: BAK

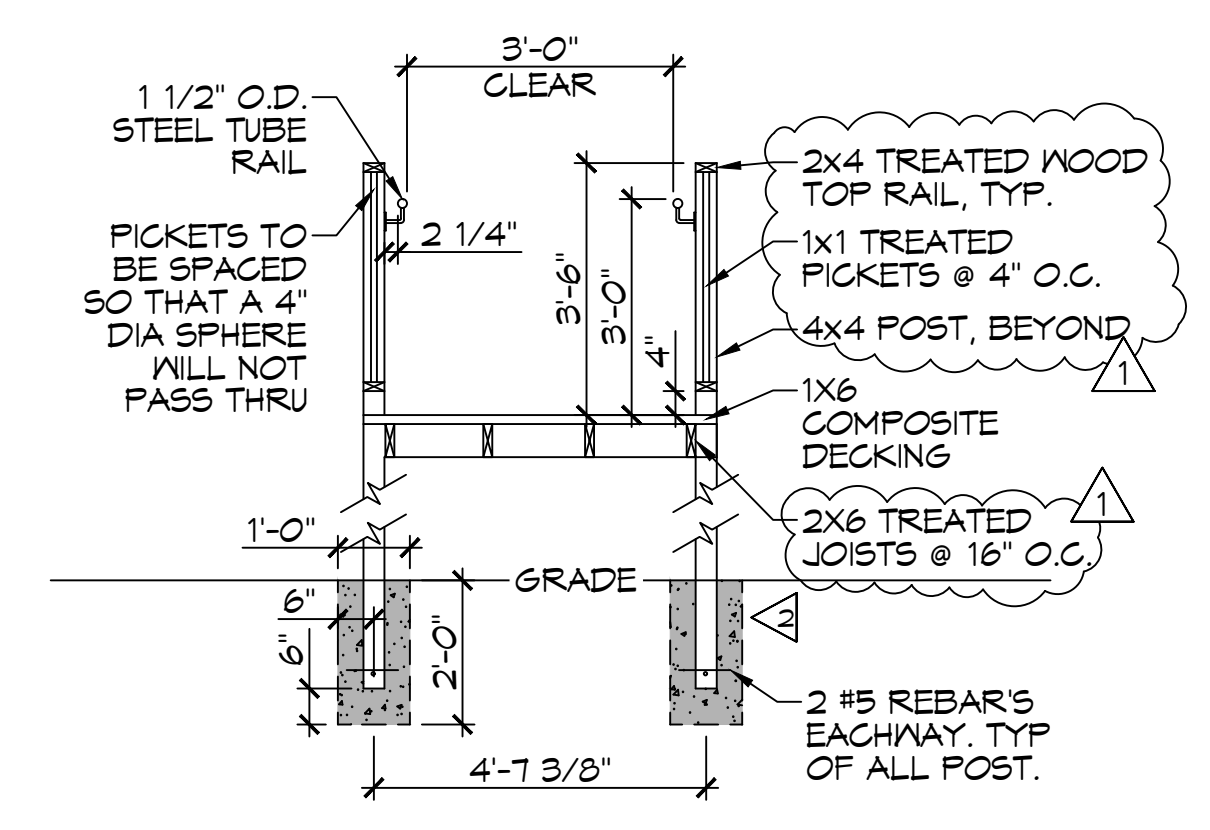
SHEET TITLE: LIVING QUARTERS ROOF FRAMING PLAN

DRAWING NUMBER:
S104

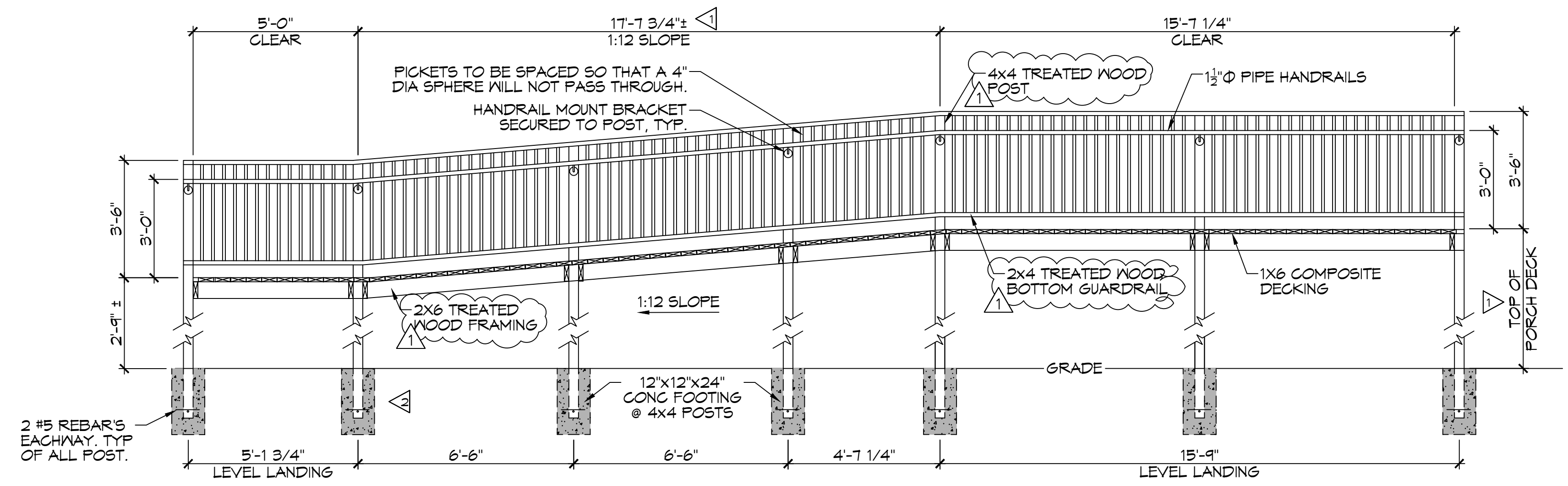
FILE NAME: J:\1 - Dammon\10461 - Allen Road Fire Station 19\Drawings\10461 - ADA Ramp Section Views.dwg, 02/25/2022, 4:20:28 PM, 2022, 20461.dwg



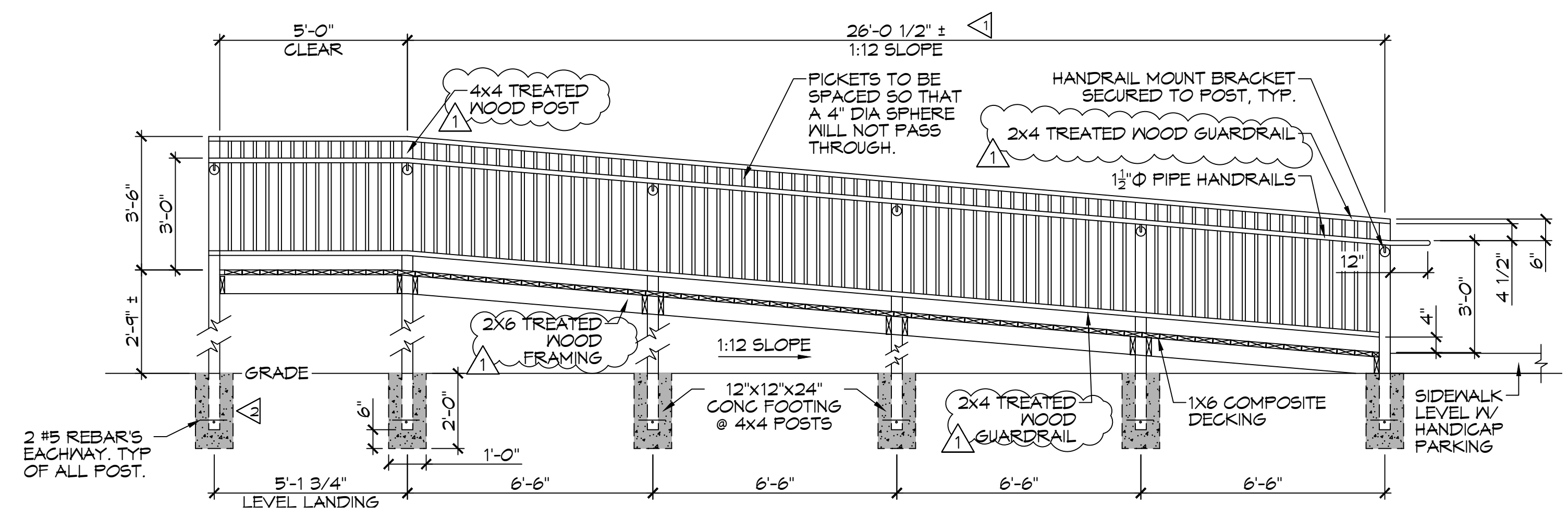
23 DECK PLAN VIEW
SCALE: 3/8" = 1'-0"



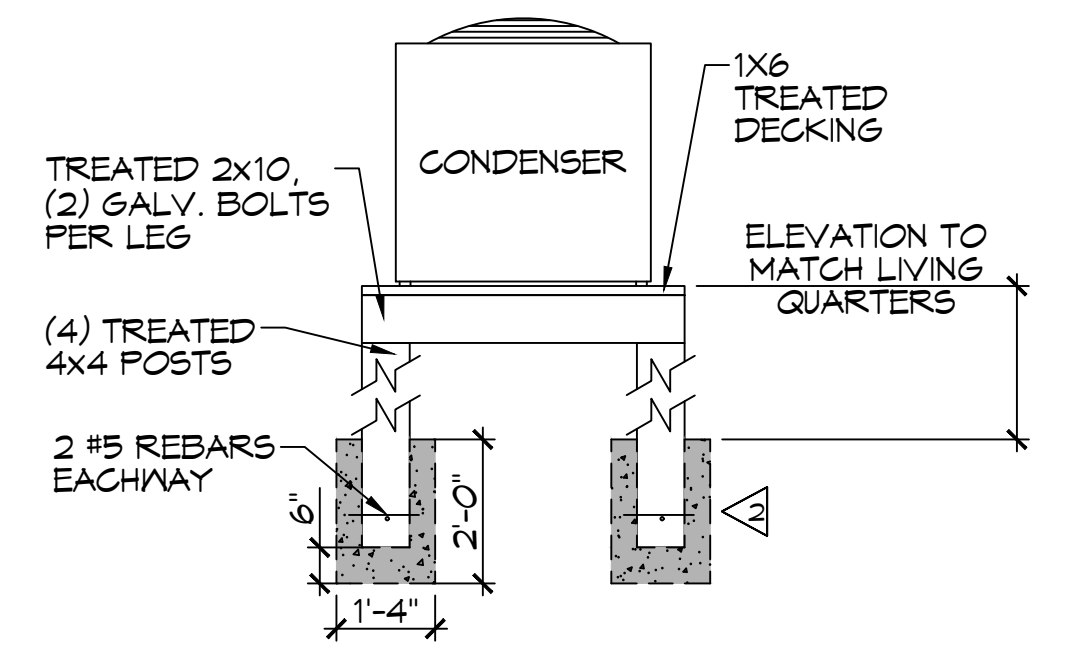
J RAMP SECTION VIEW
SCALE: 3/8" = 1'-0"



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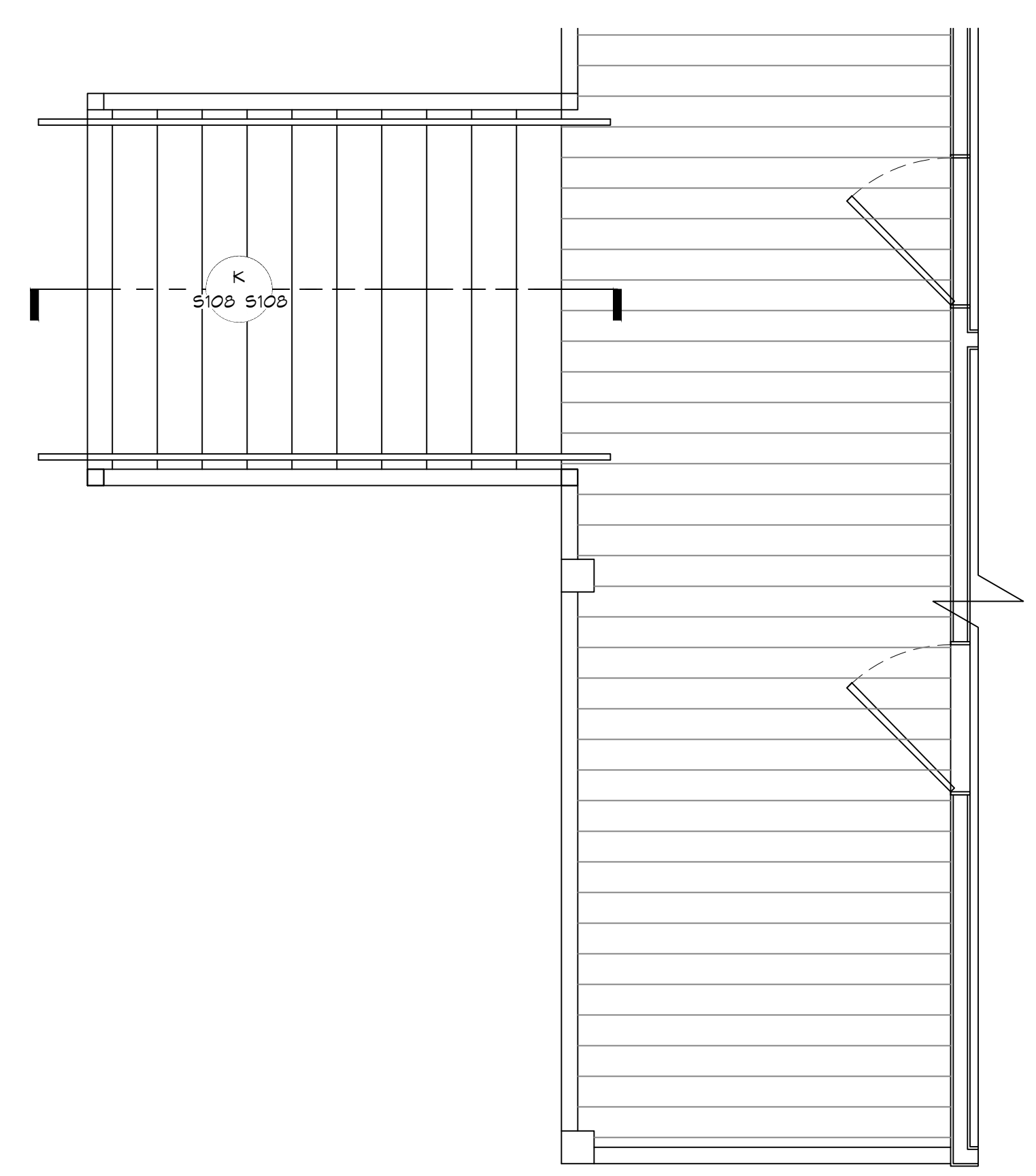
REVISIONS	DATE
1	8/17/2022
1 Revised Treated Lumber For Framing	



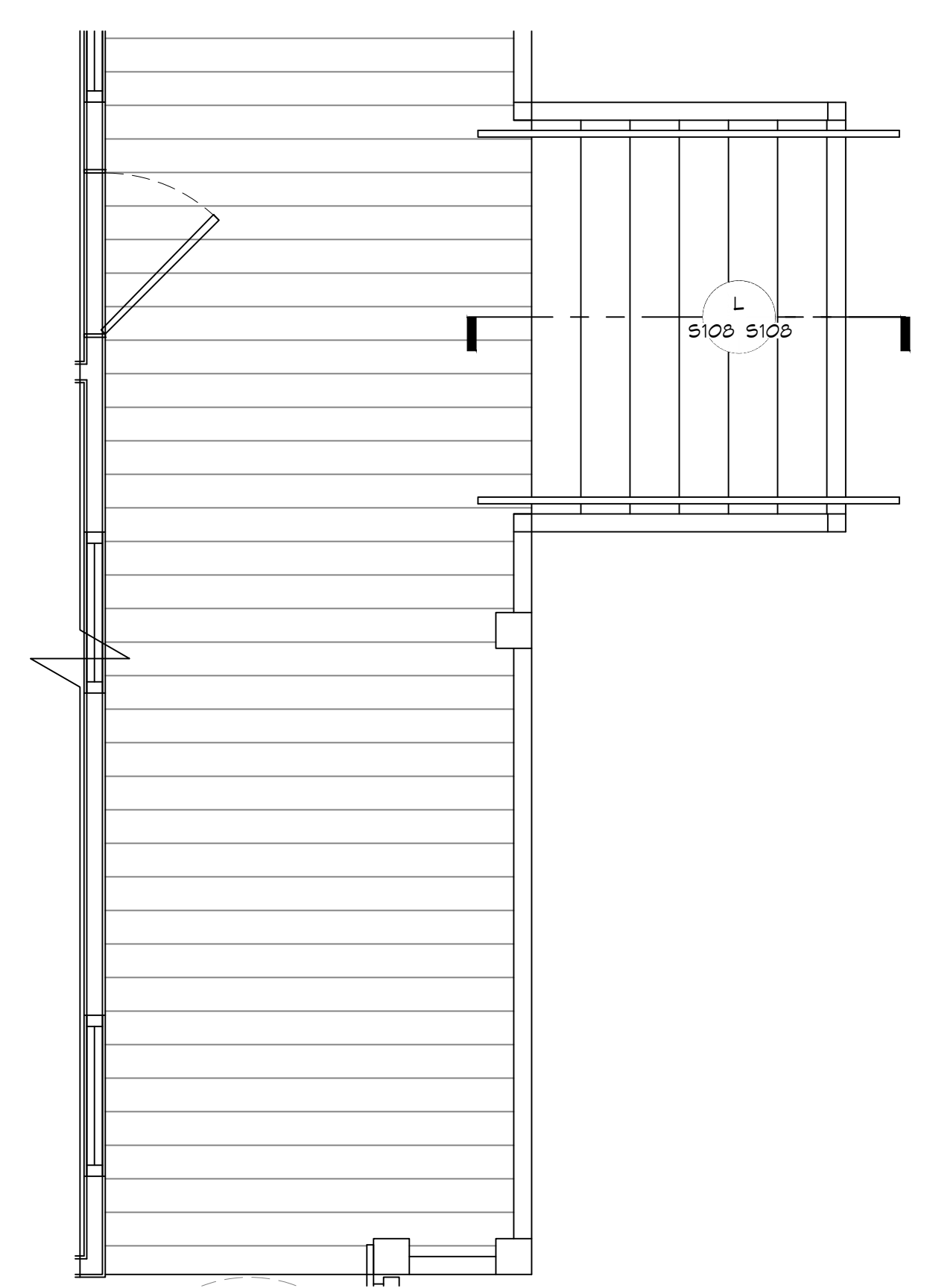
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456 DATE: 05-16-2022
 DRAWN BY: CKD CHECKED BY: BAM

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

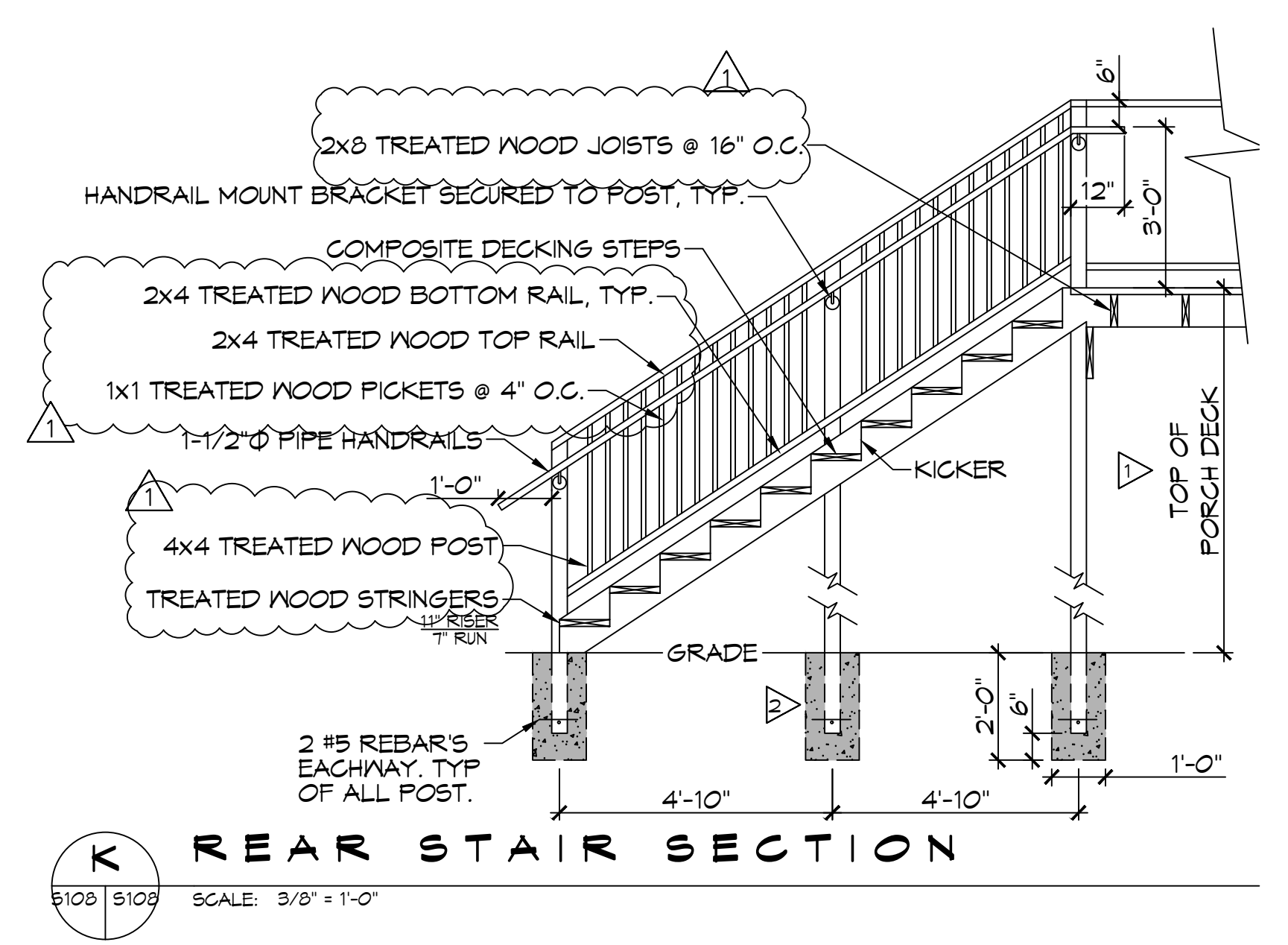
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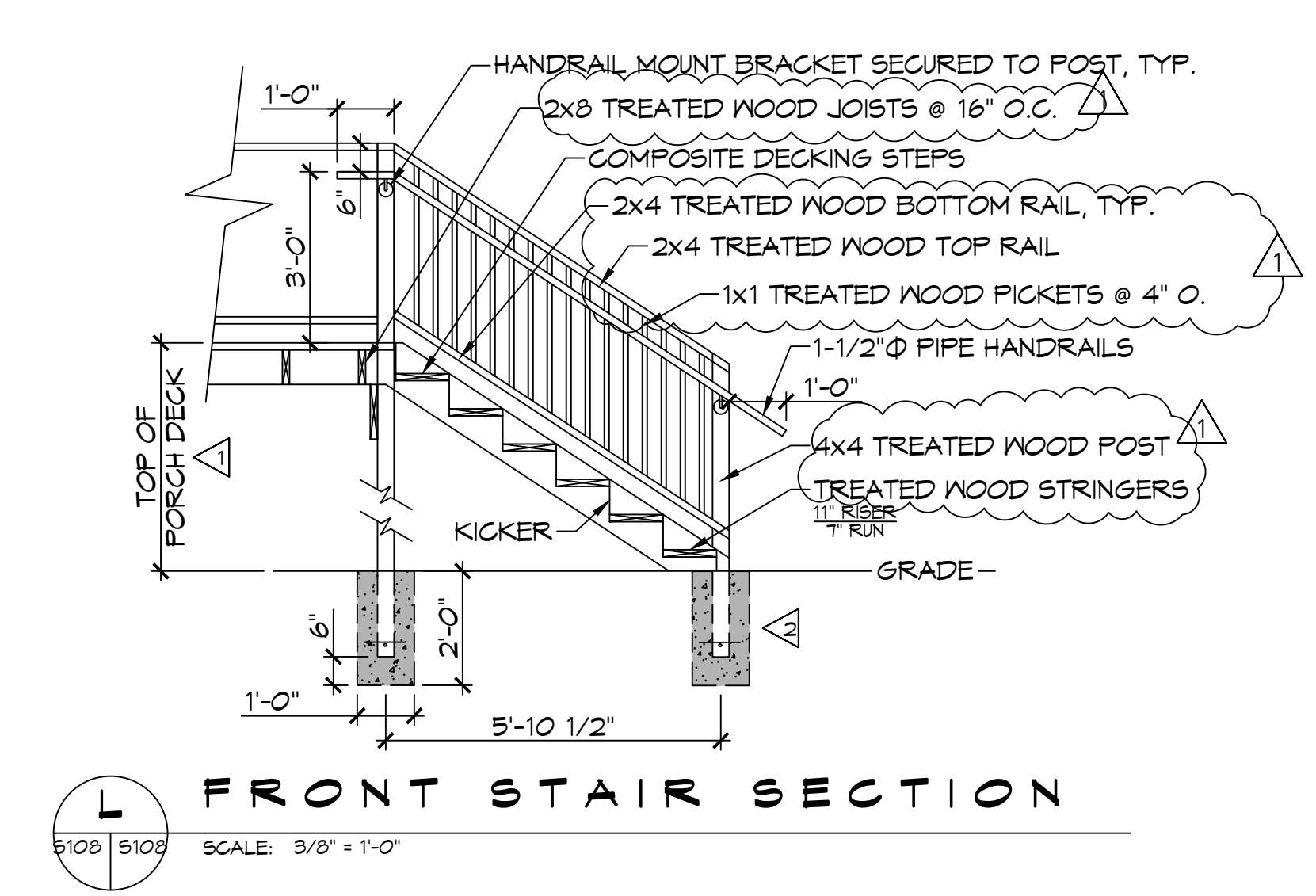
25 BACK PORCH PLAN VIEW
SCALE: 3/8"=1'-0"



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

DAMMON ENGINEERING, INC.
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#	DESCRIPTION	DATE
1	1 S107 - Revised Treated Lumber for Framing Std	05/30/2022



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: BAM

SHEET TITLE:
ADA STAIR PLAN
DRAWING NUMBER:
S108
SHEET No: 13 of 30

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	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

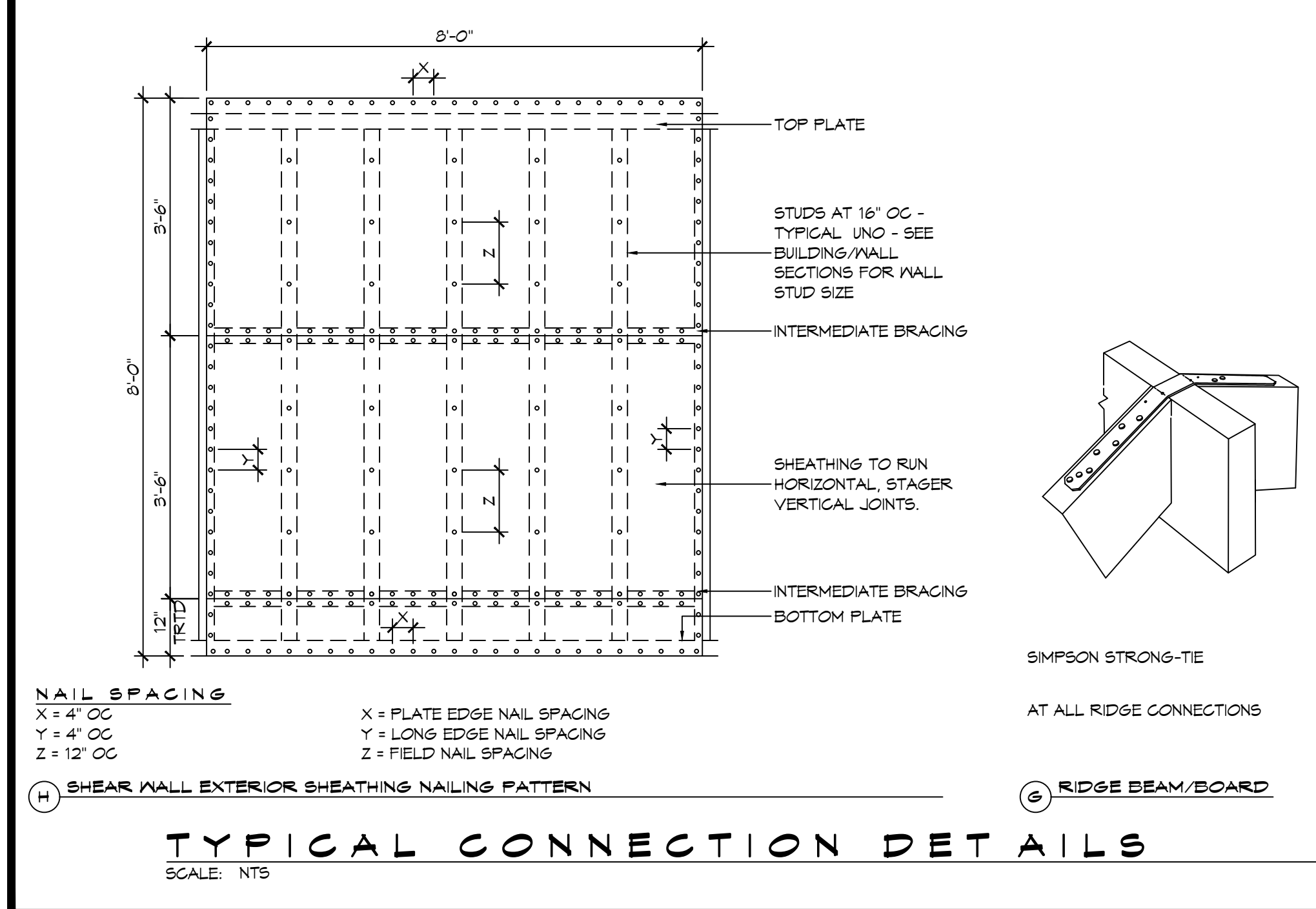


TABLE S102.5 - JACK STUD REQ - INT LOADBEARING WALLS

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	

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			
		3"	4.5"	5"	6"	3"	4.5"	5"	6"
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	1	2	2	2	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	3	2	4	3	3	2
	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
6	2	2	2	1	3	2	2	2	
8	3	2	2	2	3	2	2	2	
10	4	3	2	2	4	3	3	2	
12	4	3	3	2	5	3	3	3	
14	5	4	3	3	5	4	3	3	
16	6	4	4	3	6	4	4	3	

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

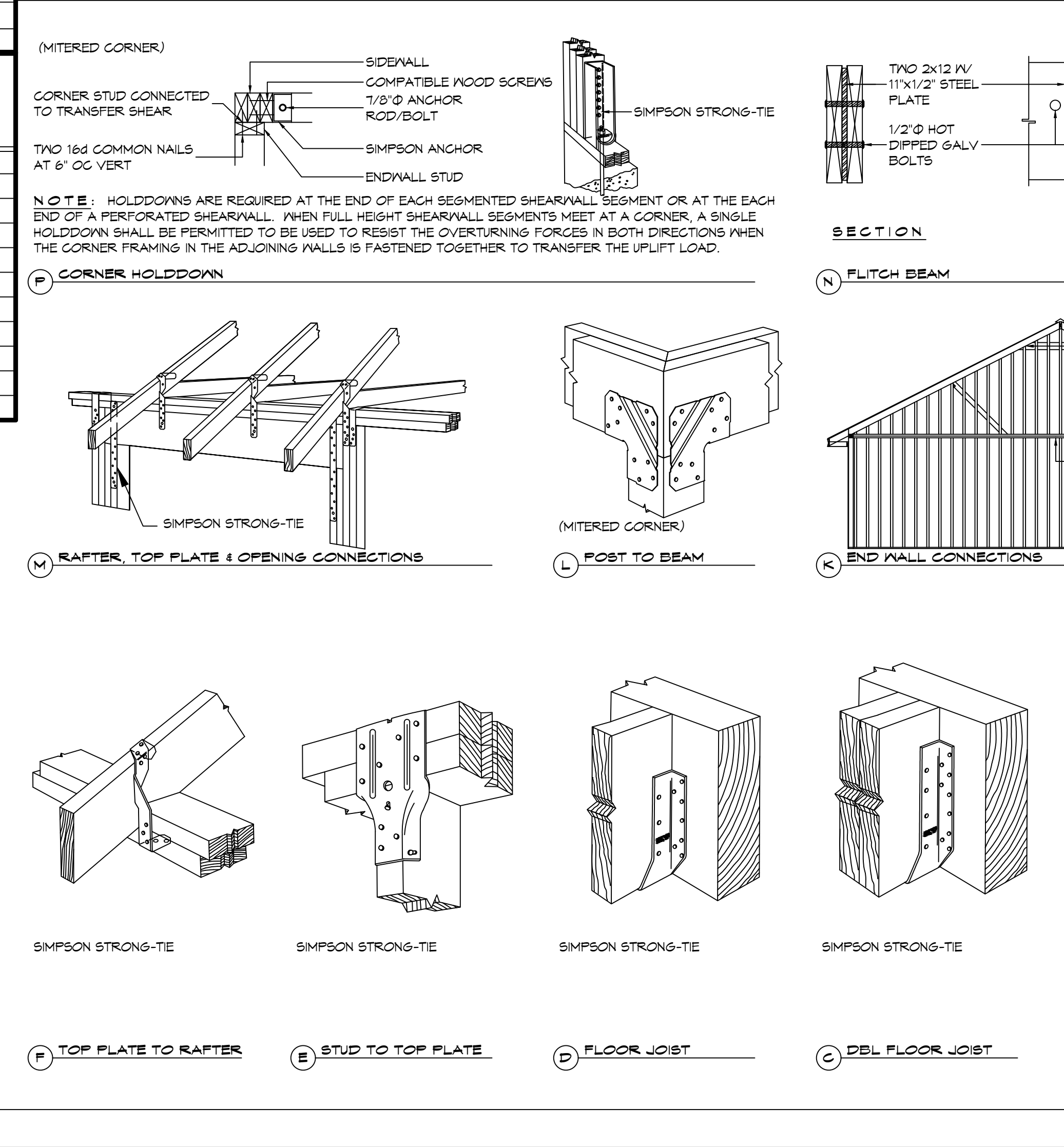


TABLE S102.3 - NAILING SCHEDULE

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
	SPRINGING	U-0.700	NR
OPAQUE DOORS	NON-SWINGING	U-1.450	NR
	NON-SWINGING	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 19 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 #105 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 OC)	
		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 OC)	
		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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Slidell, LA 70458
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PH: 985-649-5832

DATE: _____

REVISIONS:

#	DESCRIPTION

STATE OF LOUISIANA
BRIAN A. MISCH
LICENSE NO. 20171
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: DD/KJK
CHECKED BY: BAW

SHEET TITLE:
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

DRAWING NUMBER:
S109

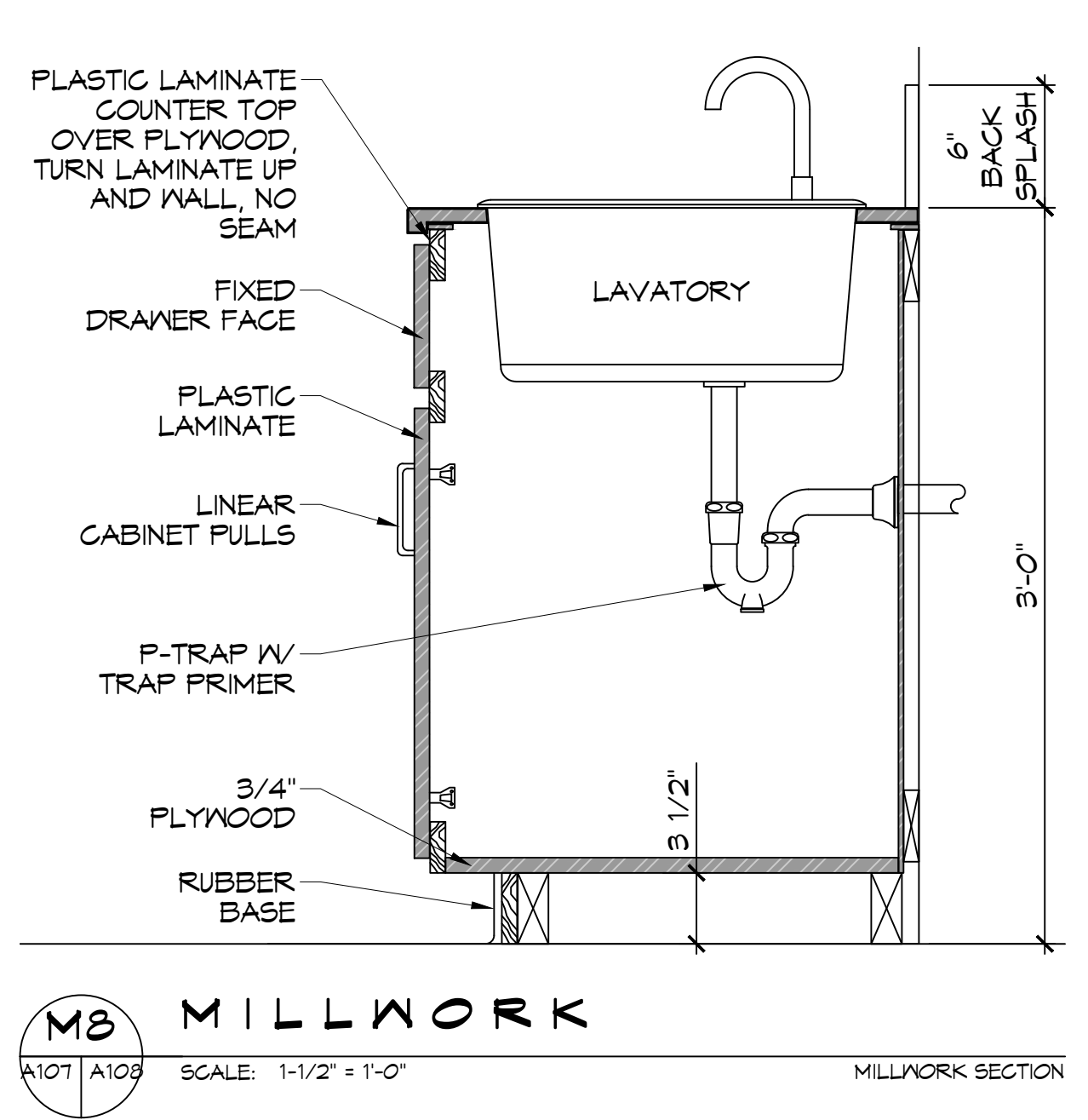
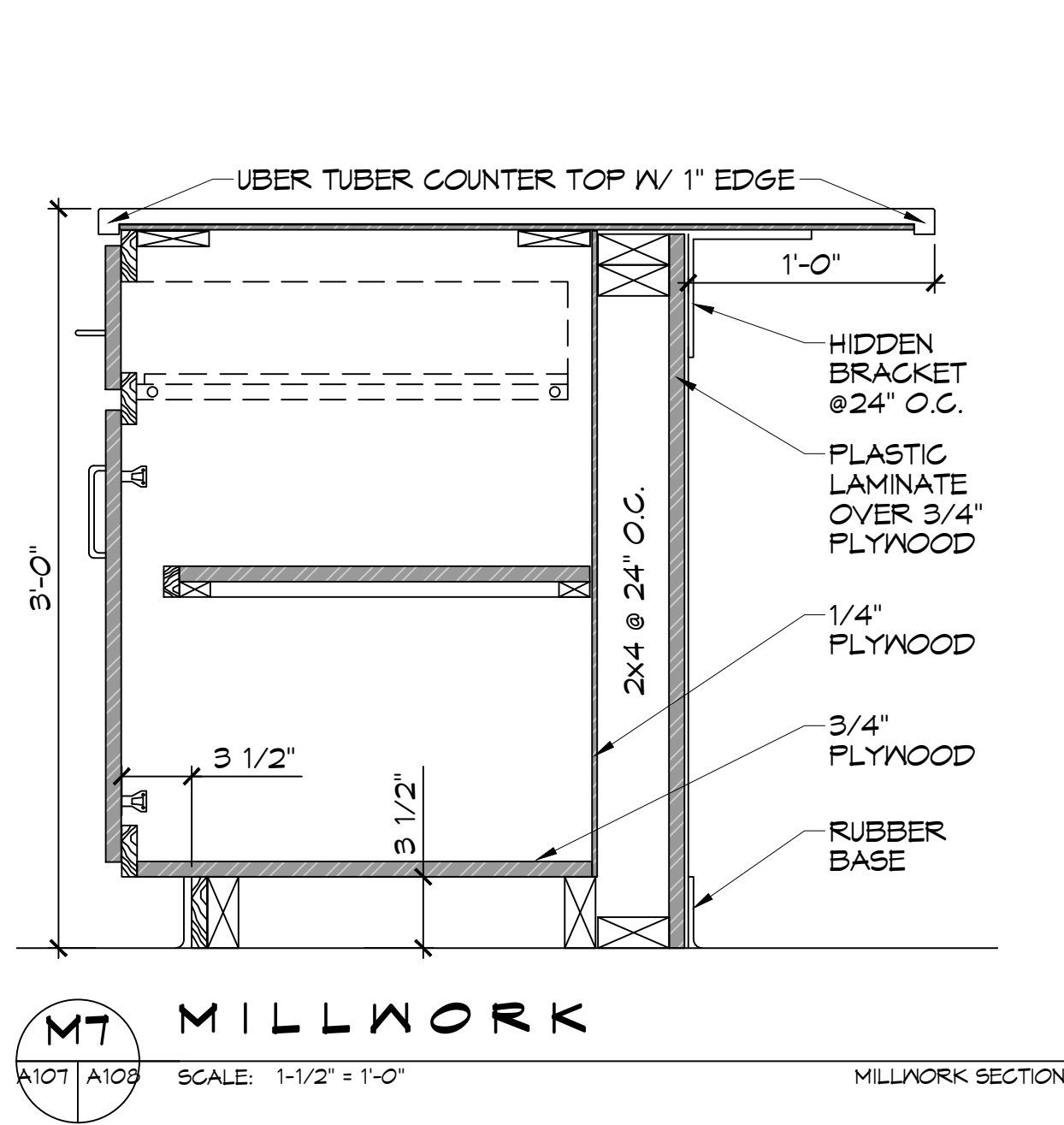
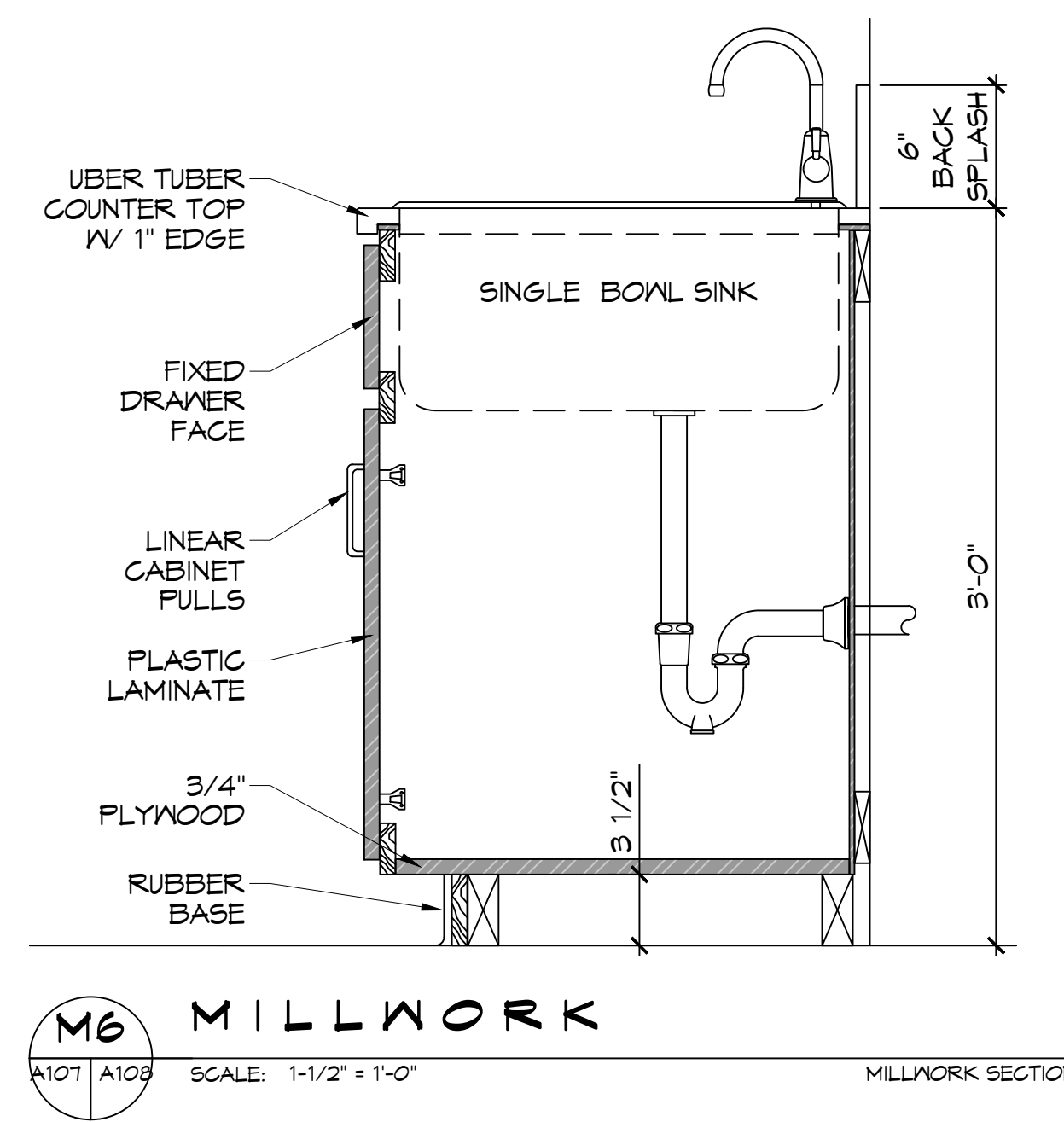
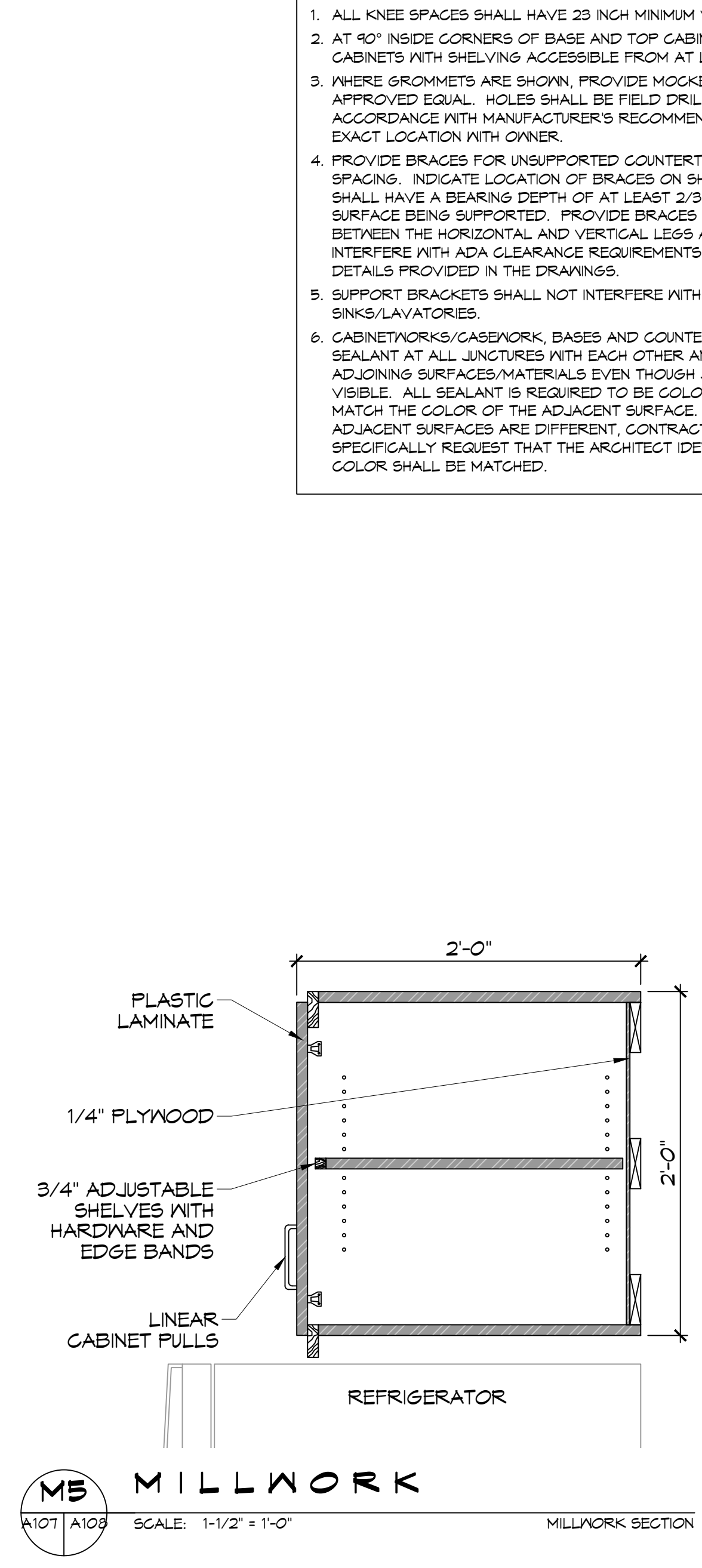
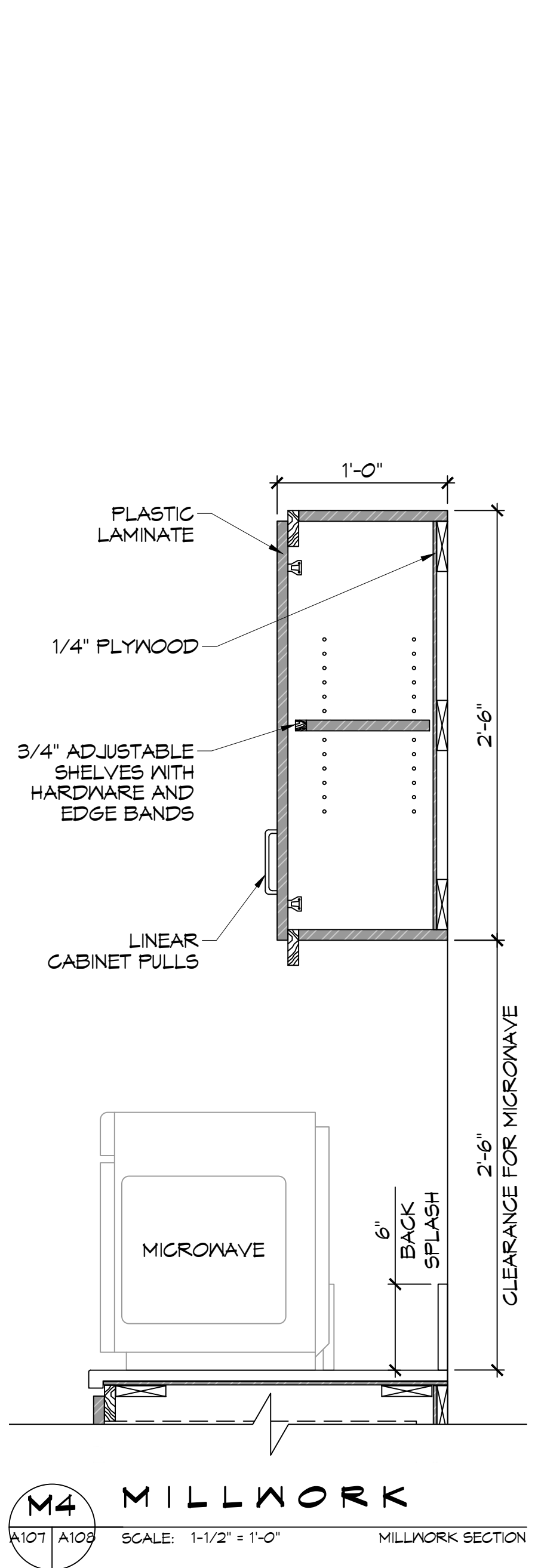
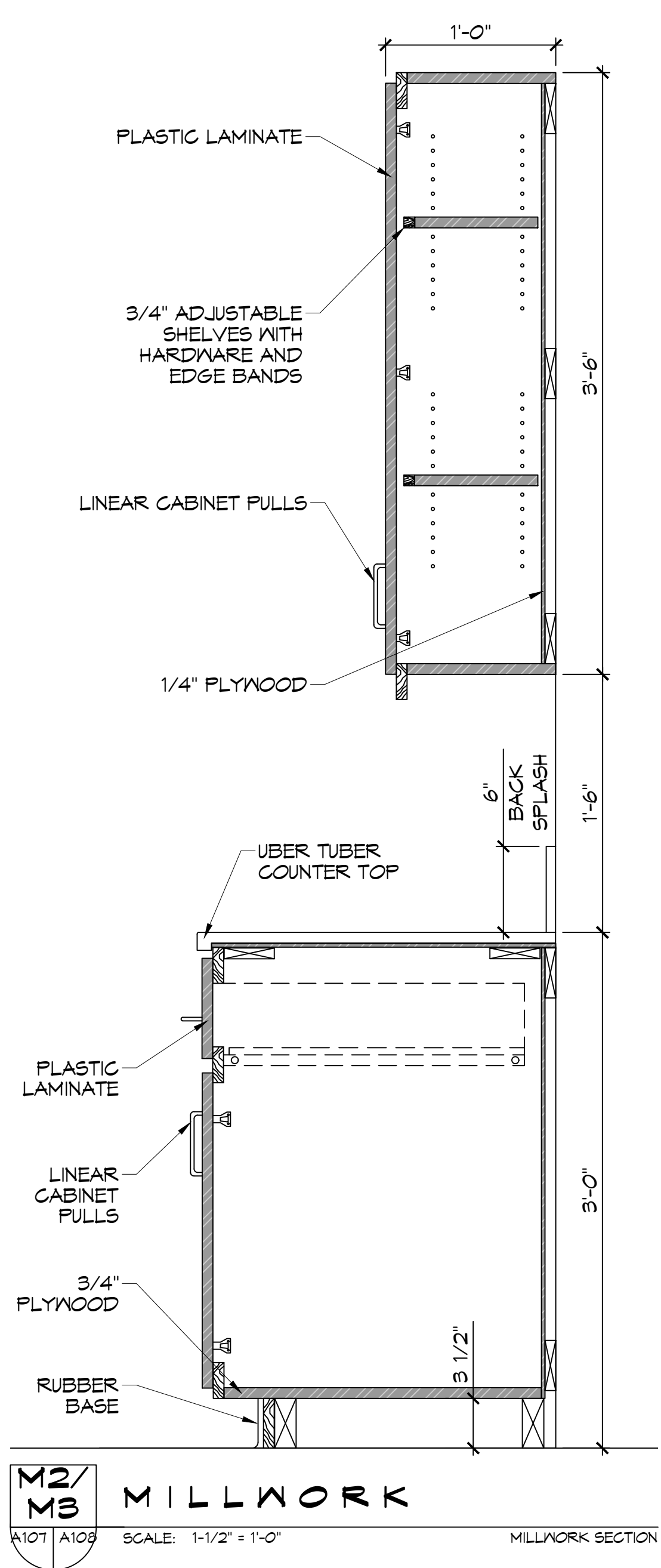
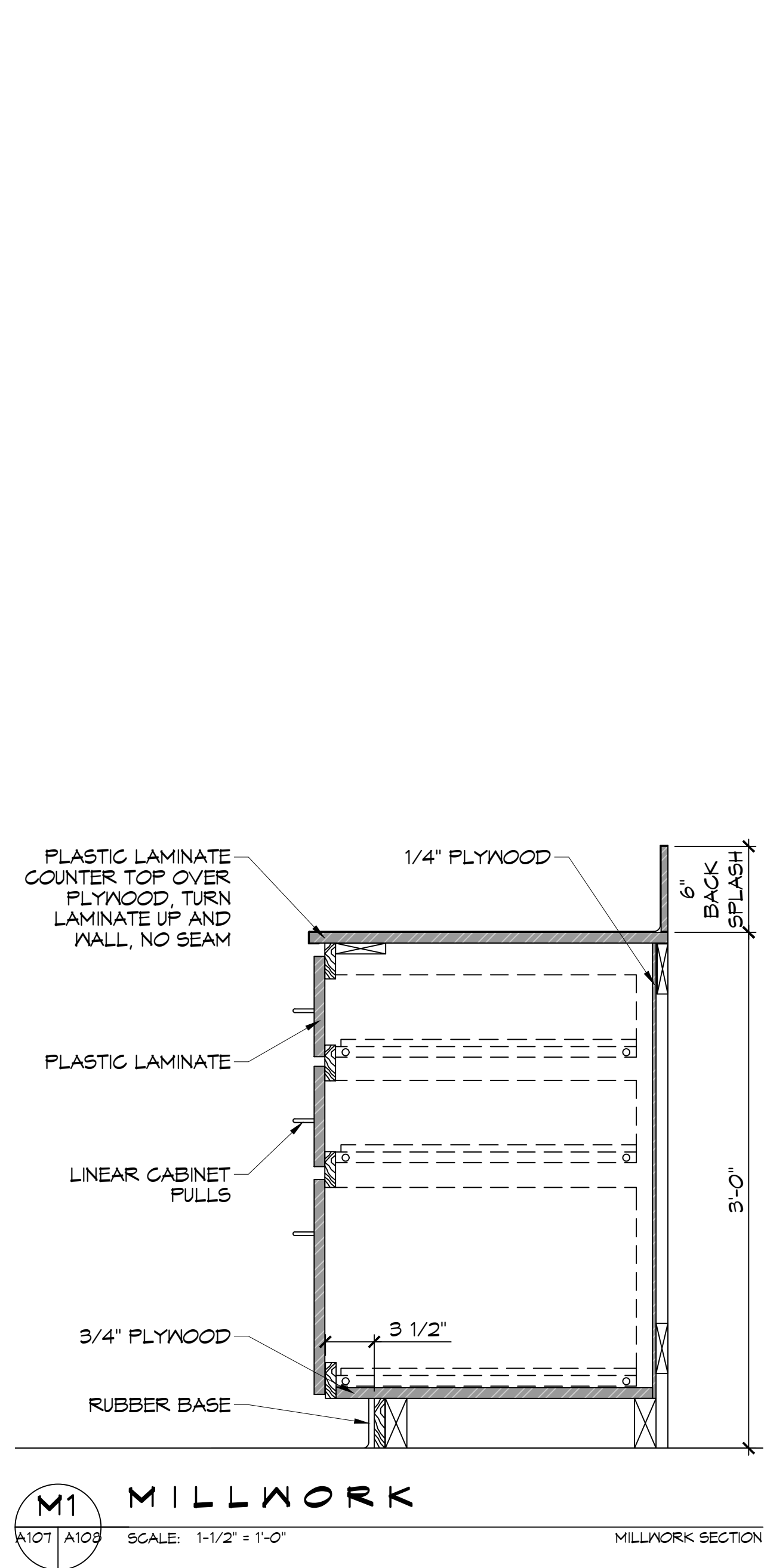
SHEET No: 14 of 30

FILE NAME: \\V:\Government\A108 - Allen Road Fire Station\19\Drawings\General Millwork\A108 - Interior Elevation Details.dwg PLOT DATE: 8/16/2022 12:35:30

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.

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mistich, PE
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 PH: 985.649.9832



#	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: C&D CHECKED BY: C&D

SHEET TITLE:
 INTERIOR ELEVATION DETAILS
 DRAWING NUMBER:
A108
 SHEET No: 22 of 30

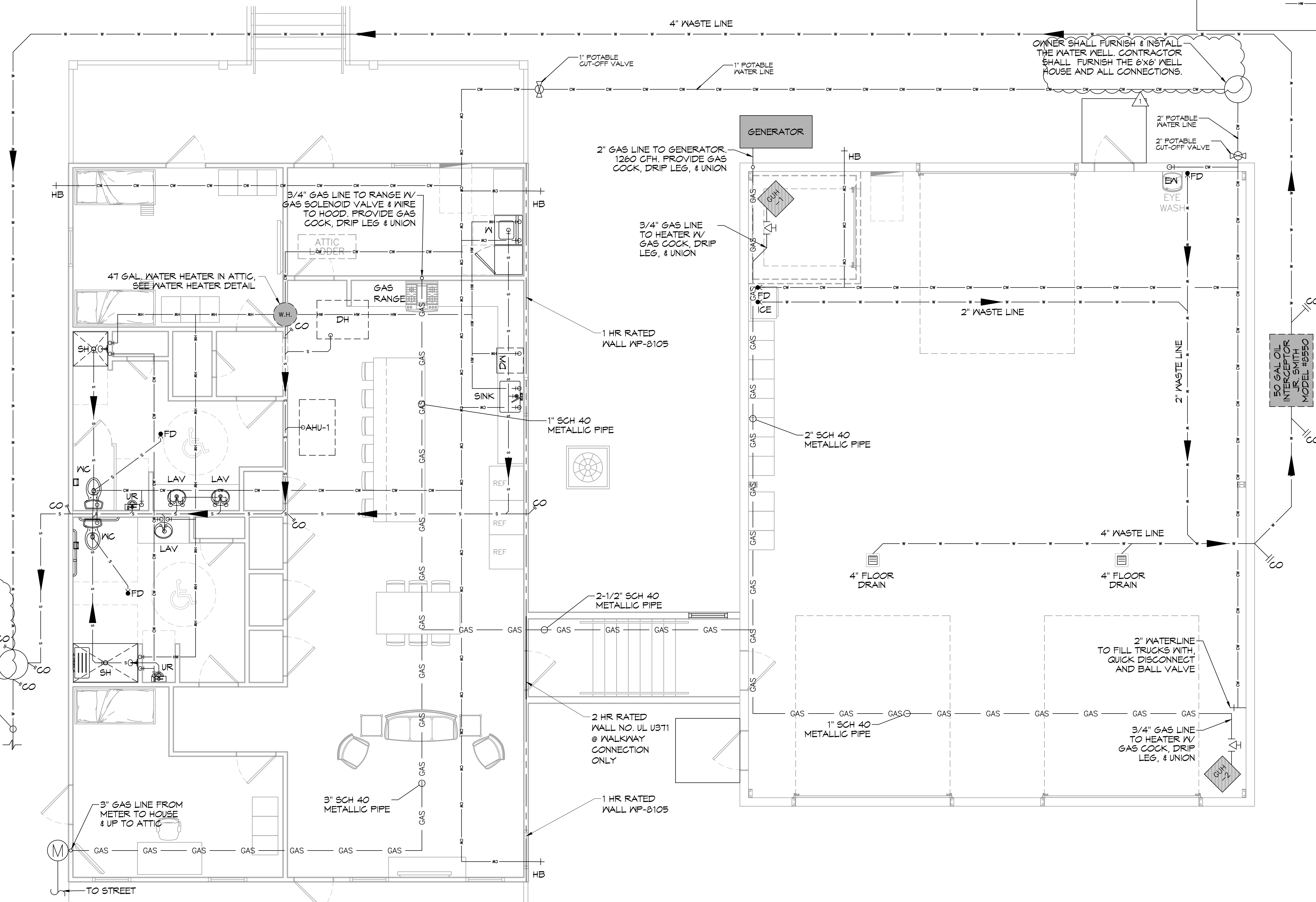
D:\E_Mark... \1- Dammon's 2008 - Add Road the Station, US 290\Station 1101 - Plumbing Plan.dwg, PLOT DATE: 07-25-22, Thursday, July 28, 2022 11:02:41 AM

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



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

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
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 PH: 985.649.8832

REVISIONS	DATE
1 OWNER SHALL FURNISH WELL AND TREATMENT PLANT	07-25-22



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: JMS
 CHECKED BY: KCD

SHEET TITLE:
 PLUMBING PLAN
 DRAWING NUMBER:
P101
 SHEET No: 23 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 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		5/7	Side Wall Exhaust	120	1	60	S&P SWF-100	1

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.

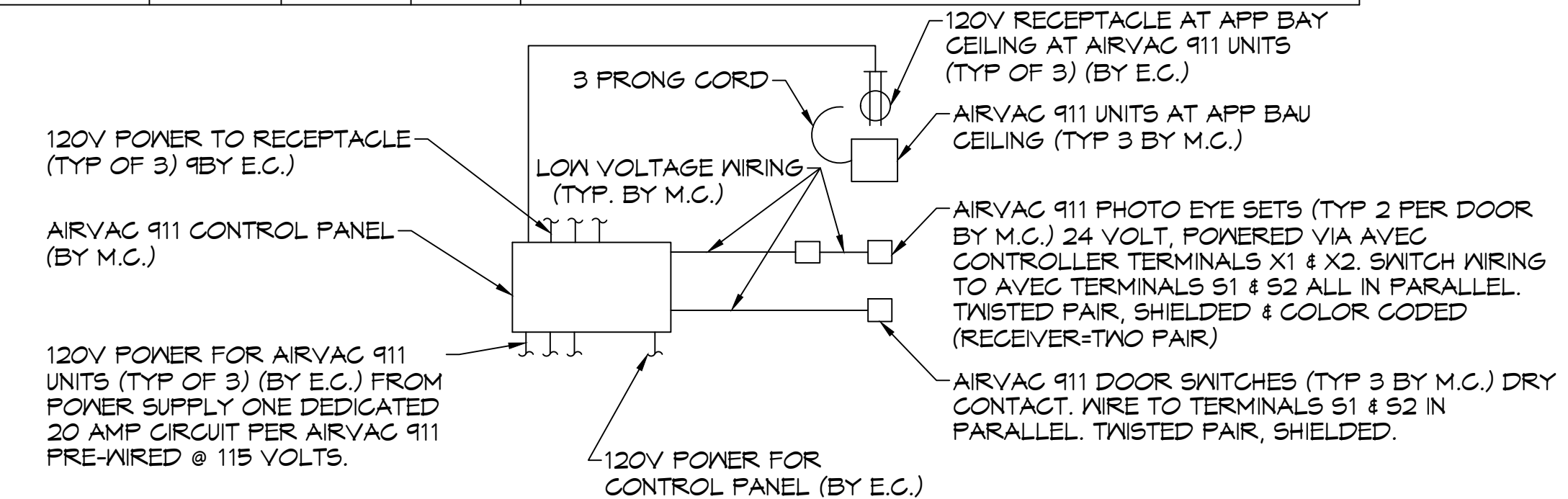
DEHUMIDIFIER SCHEDULE							
TAG	PART NUMBER	WATTS	PHASE	VOLTS	AMPS	DUCT SIZES	
						INLET	OUTLET
DH	ULTRA - AIRE - XT155H	920 @ 80°F & 60% RH	SINGLE	110-120	8	10" ROUND DUCT COLLAR & 6" ROUND DUCT COLLAR	10" OVAL DUCT COLLAR

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

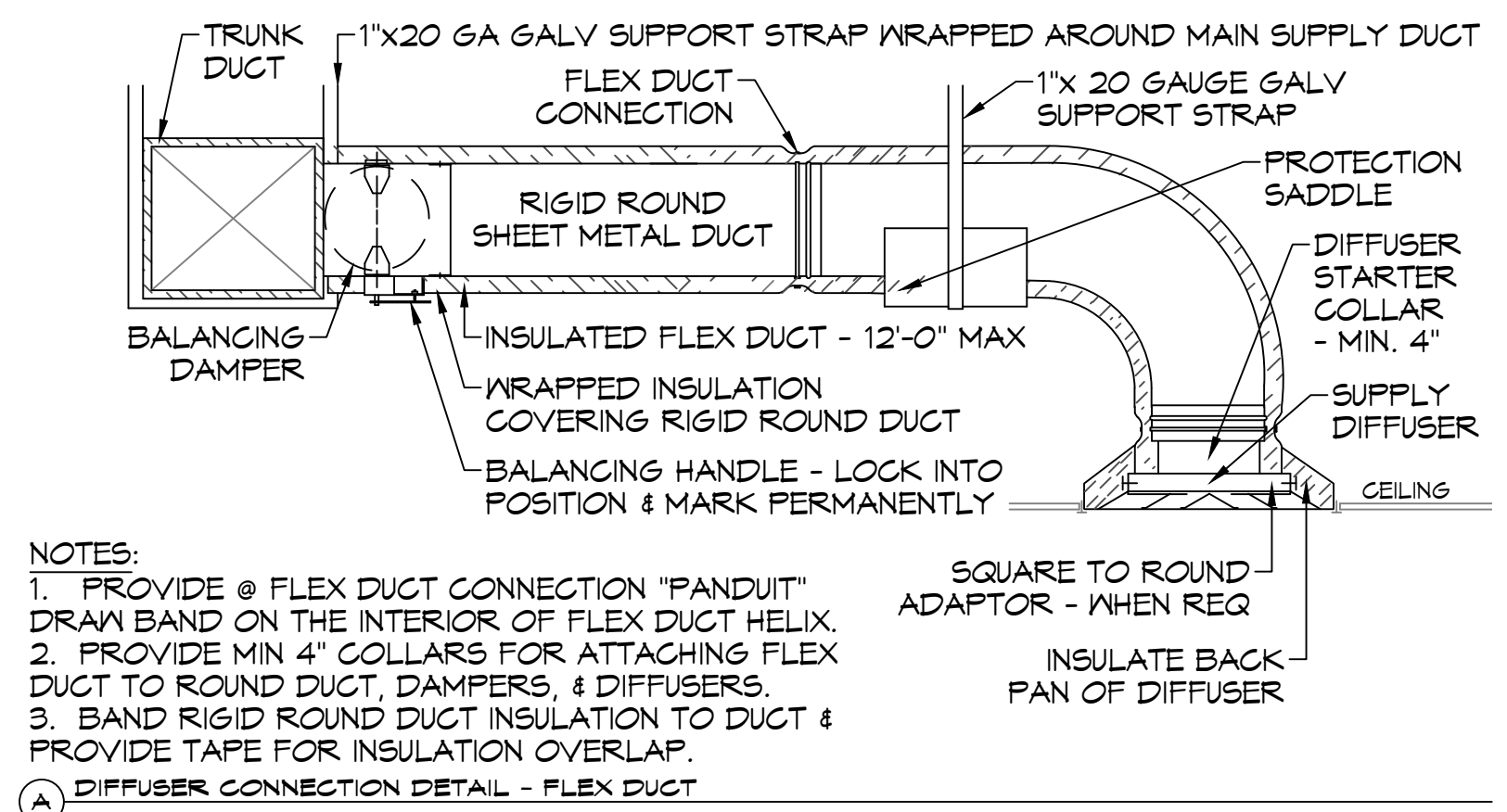
* PROVIDED HOLDRITE 50-SWHP-W WALL MOUNT KIT. MOUNT 6'-8" A.F.F.

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



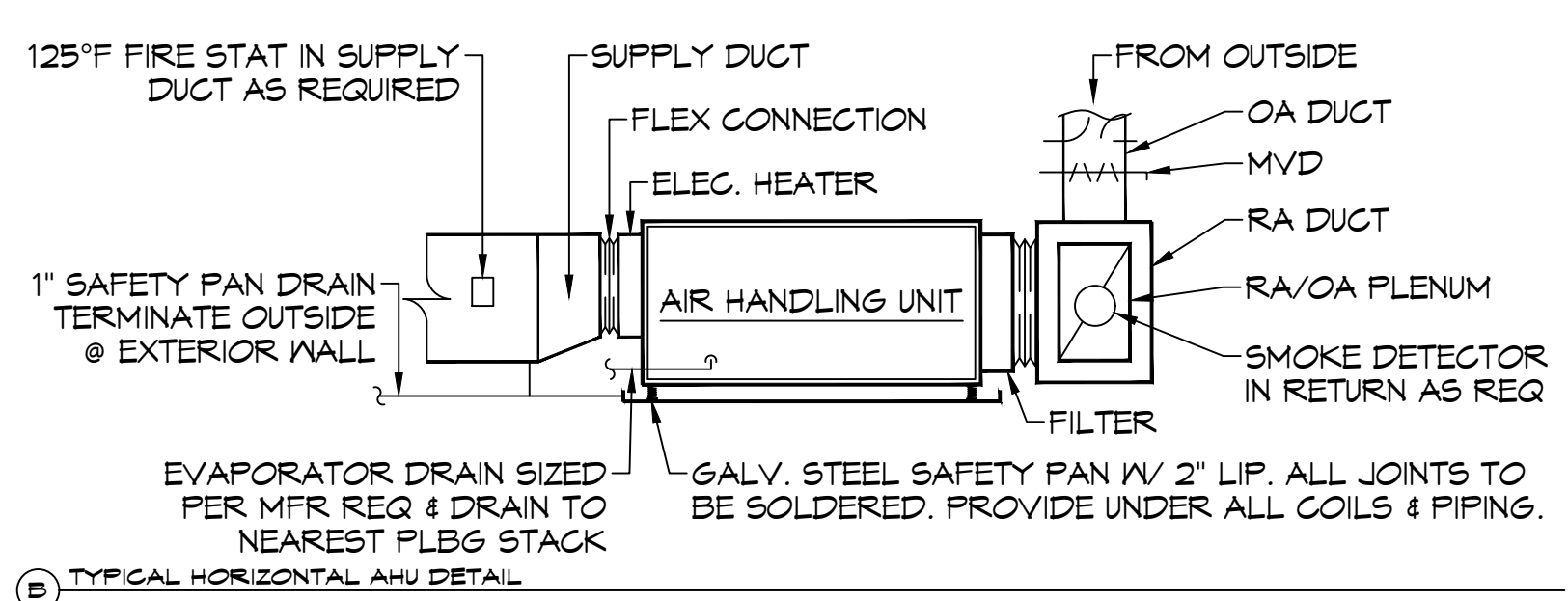
AIRVAC 911 SYSTEM CONTROL DIAGRAM
 SCALE: N.T.S.

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

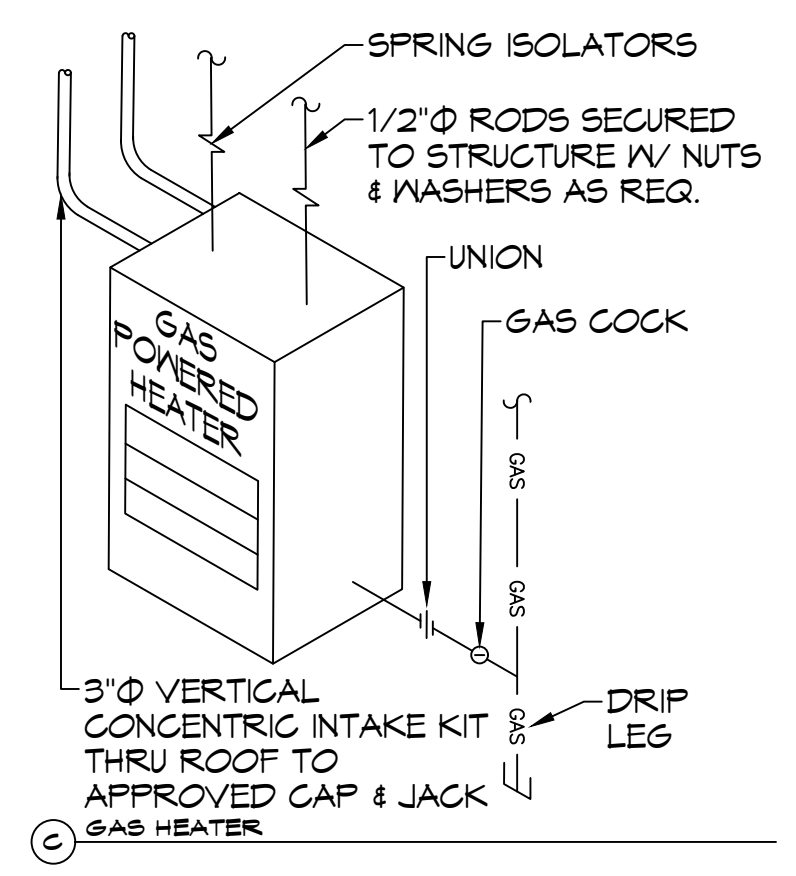


- NOTES:
 1. PROVIDE @ FLEX DUCT CONNECTION "PANDUIT" DRAW BAND ON THE INTERIOR OF FLEX DUCT HELIX.
 2. PROVIDE MIN 4" COLLARS FOR ATTACHING FLEX DUCT TO ROUND DUCT, DAMPERS, & DIFFUSERS.
 3. BAND RIGID ROUND DUCT INSULATION TO DUCT & PROVIDE TAPE FOR INSULATION OVERLAP.

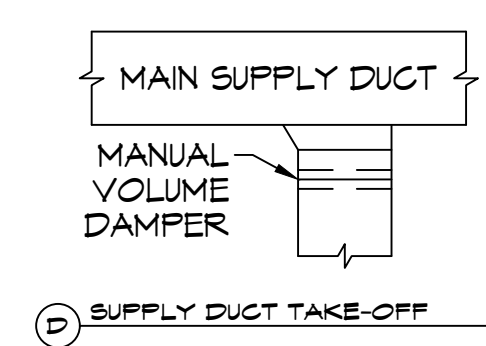
A DIFFUSER CONNECTION DETAIL - FLEX DUCT



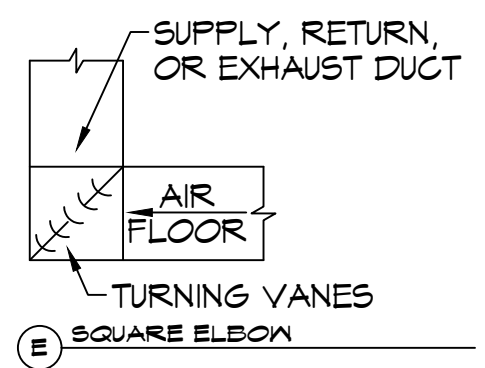
B TYPICAL HORIZONTAL AHU DETAIL



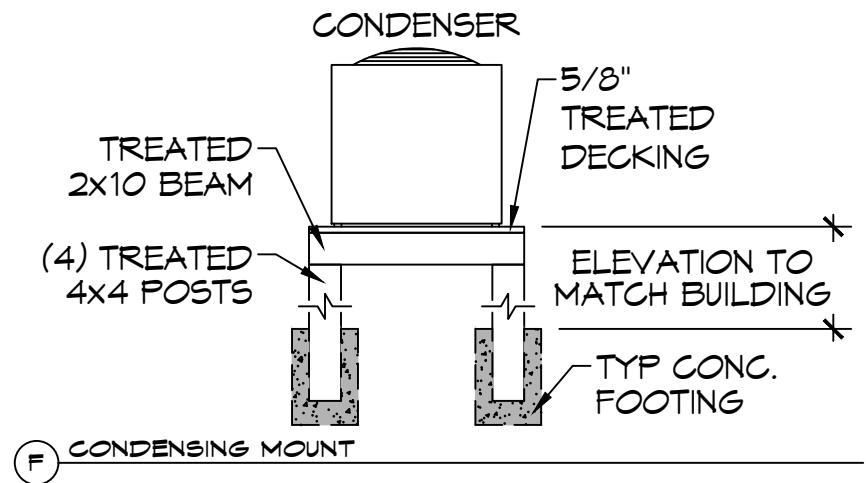
C GAS HEATER



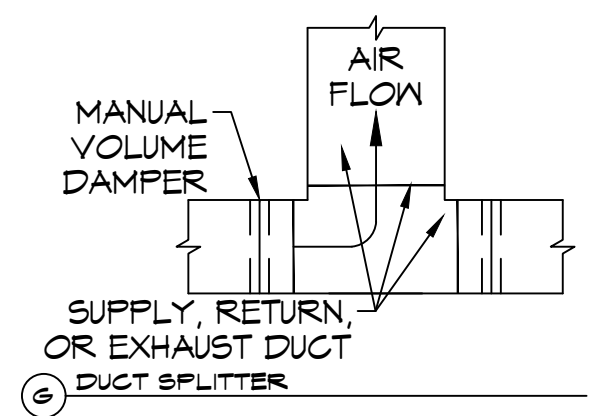
D SUPPLY DUCT TAKE-OFF



E SQUARE ELEVON



F CONDENSING MOUNT



G DUCT SPLITTER

TYPICAL DETAILS
 SCALE: N.T.S.

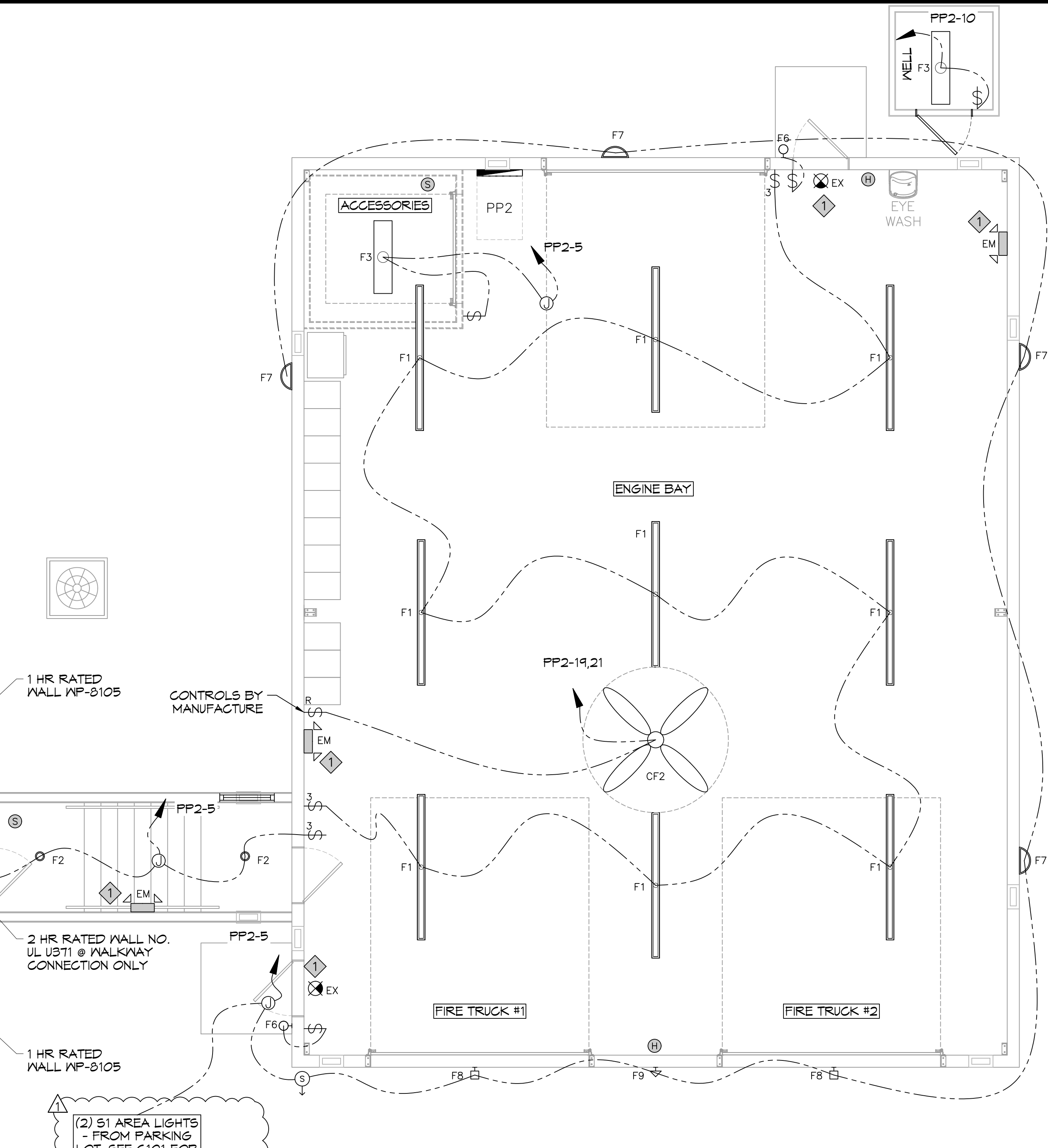
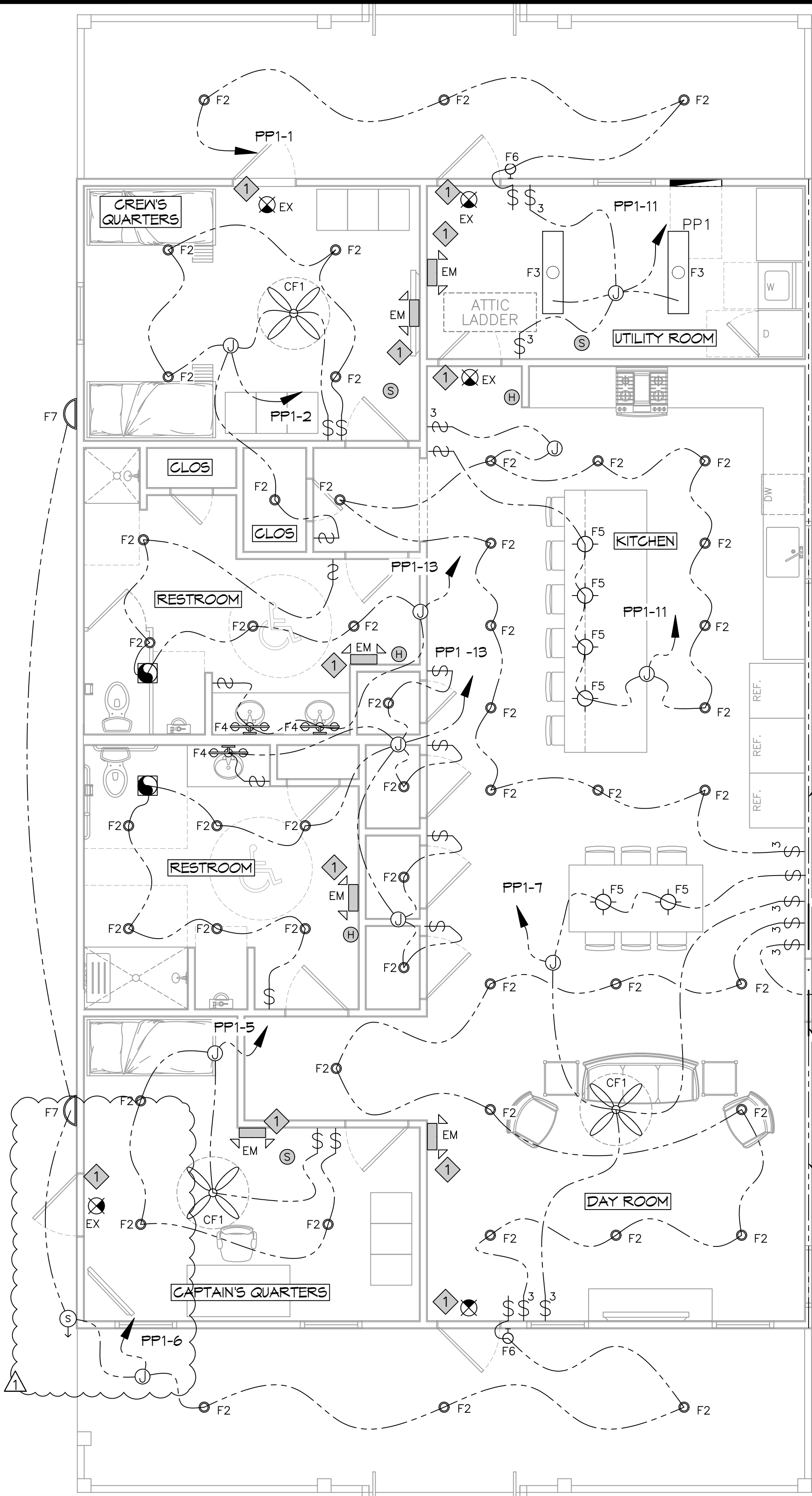
DAMMON ENGINEERING, INC.
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 Chief Engineer: Brian Mistich, PE
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REVISIONS	DATE
# DESCRIPTION	

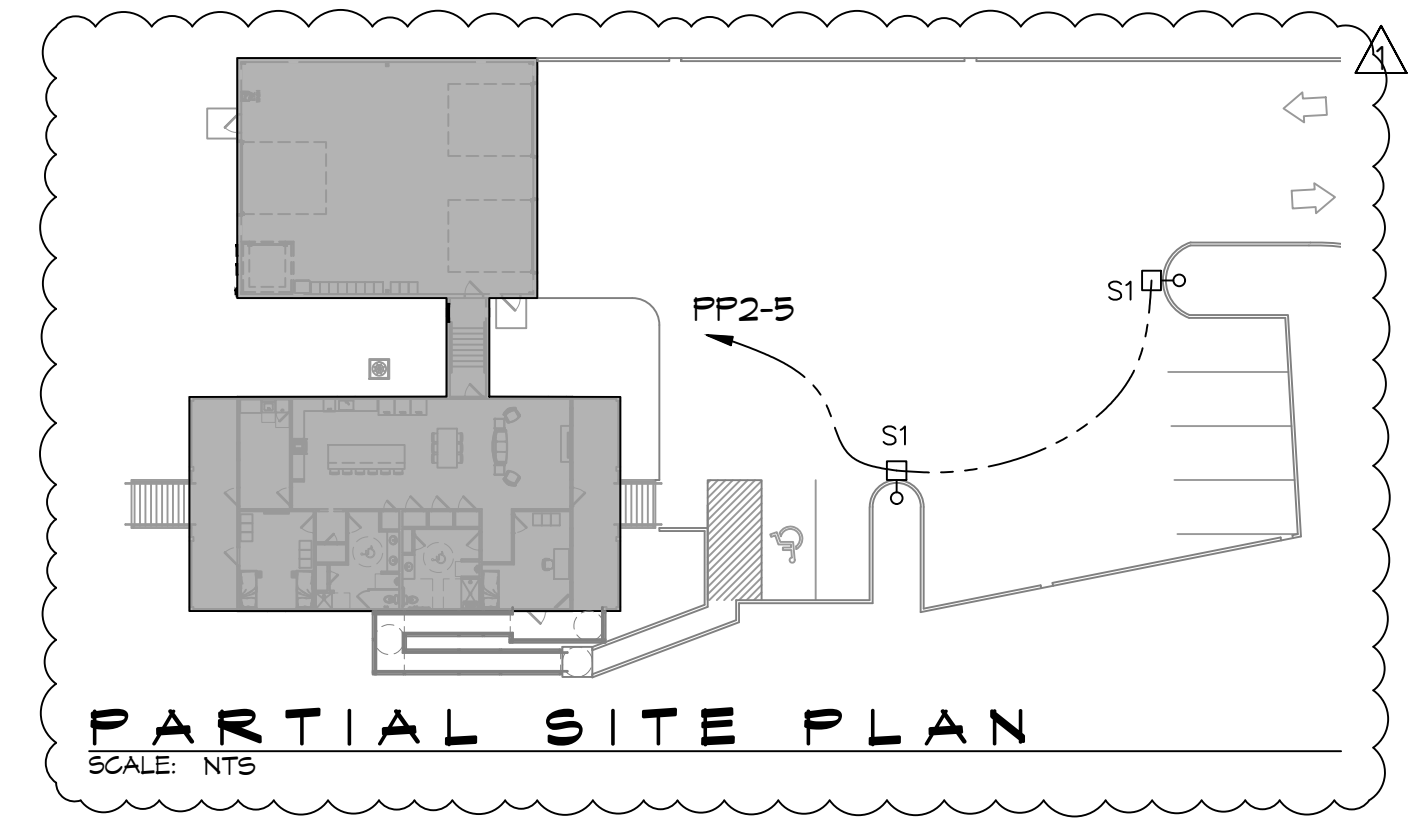


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 5704T ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2456
 DATE: 05-16-2022
 DRAWN BY: KCD
 CHECKED BY: JMS

SHEET TITLE:
 MECHANICAL DETAILS AND SCHEDULES
 DRAWING NUMBER:
M102
 SHEET No: 26 of 30



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



PARTIAL SITE PLAN
SCALE: NTS

1 HR RATED WALL WP-8105
CONTROLS BY MANUFACTURE
2 HR RATED WALL NO. UL U371 @ WALKWAY CONNECTION ONLY
1 HR RATED WALL WP-8105
(2) S1 AREA LIGHTS - FROM PARKING LOT. SEE C101 FOR PLACEMENT

LIGHTING SCHEDULE

SYM	QTY	MARK	MFG	PART NUMBER	DESCRIPTION	HEIGHT
[Symbol]	9	F1	ELITE	8-OEC-LED-14000L/16000L/18000L-DIM10-MVOLT-35K/40K/50K-85	8' LED STRIP SELECTABLE	
[Symbol]	52	F2	ELITE	HH6-LED-1200L-DIM10-MVOLT-3 OK-ND-90/HH6-6501-CL-VH	6" LED DOWNLIGHT 1200LUMENS 90CRI 30K	9' AFF
[Symbol]	4	F3	ELITE	4-OEC-LED-5000L-DIM10-MVOL T-40K-85	4' LED STRIP 5000L 40K	9' AFF
[Symbol]	3	F4	ELITE	ECH-BL-LED-1003-3	24" VANITY LED LIGHT	9' AFF
[Symbol]	6	F5	ELITE	ECH-PL-1025	12" PENDANT	
[Symbol]	4	F6	LIGHT ALARMS	CAMACSDDB-CMP	LED EXT WALL LIGHT - EGRESS	9' AFF
[Symbol]	6	F7	ORION LIGHTING	LSWF1-A1(3000LUMENS)-UNV-FD-8CS(30K)XX-BB-SP	LED WALLPACK 3000 LUMENS 30K BATTERY BACKUP	7' AFF
[Symbol]	2	F8	ALUMILITE	AR14-12/LED-JV-30K-XX-P6-SS-CCA	14" RLM 12W LED STRAIGHT SHROUD 30K PRISMATIC GLASS NET	14'
[Symbol]	1	F9	ALUMILITE	AR14-12/LED-JV-30K-XX-P6-SC A	14" RLM 12W LED ANGLED SHROUD 30K PRISMATIC GLASS NET	11'
[Symbol]	3	CF1	MINKA AIRE	MINKA AIRE F546-B5	42" 5 BLADE INDOOR CEILING FAN	
[Symbol]	1	CF2	BIG ASS FANS	BIG ASS FAN POWERFOIL 8-08	8' DIAMETER INDUSTRIAL FAN	
[Symbol]	7	EX	ELITE	ELX-603 -R-W	LED EXIT	
[Symbol]	9	EM	ELITE	ELM-LED-803-W	LED EMG LIGHT W/BATTERY BACKUP	
[Symbol]	2	S1	ORION LIGHTING	IAHP1-A1-UNV-FD-130-XX-T4-T52-SP	AREA LIGHT TYPE IV, 30K, 76W 13000 LUMENS ON 16' SQUARE STRAIGHT STEEL POLE. SEE SIGHT PLAN FOR PLACEMENT	

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
- \$R RHEOSTAT LIGHT SWITCH
- \$3 3-WAY LIGHT SWITCH
- \$ SMOKE DETECTOR
- H HEAT DETECTOR
- J JUNCTION BOX
- S DAYLIGHT SENSOR
- EXHAUST FAN - SEE MECH PLAN
- HOME RUN

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REVISIONS	DATE	DESCRIPTION
1	07-28-2022	REVISED LIGHTING



ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
SHEET TITLE: LIGHTING PLAN
DRAWING NUMBER:
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	26.9			10.3	2	200	PP2	4/0	2
3					25.9			12.2					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) = 75.3
 GROUND BUS GROUND WIRE (G)
 A PHASE = 31.2 kva B PHASE = 30.1 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			1.4	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	1.4			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	0.6			1.4	1	20	DISHWASHER & GARBAGE DISPOSAL	#12	12
13	#12	KITCHEN OUTLET & BATH LIGHTS	20	1	0.8			0.3	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			1.5	1	20	SEWAGE TREATMENT	#12	20
21	#12	WASHING MACHINE	20	1	.7			-	1	20	SPARE	#12	22
23	#6	AHU, 5TON, 7.5 kw HEAT	45	2	5.3			3.6	2	30	LAUNDRY DRYER	#10	24
25					5.3			3.6					26
27	#10	WATER HEATER	30	2	2.2			4.1	2	60	5 TON CONDENSER	#6	28
29					2.2			4.1					30

SOLID NEUTRAL NEUTRAL WIRE (N)
 TOTAL CONNECTED LOAD = 52.8 kva
 GROUND BUS GROUND WIRE (G)
 AΦ = 26.9 kva BΦ = 25.9 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.

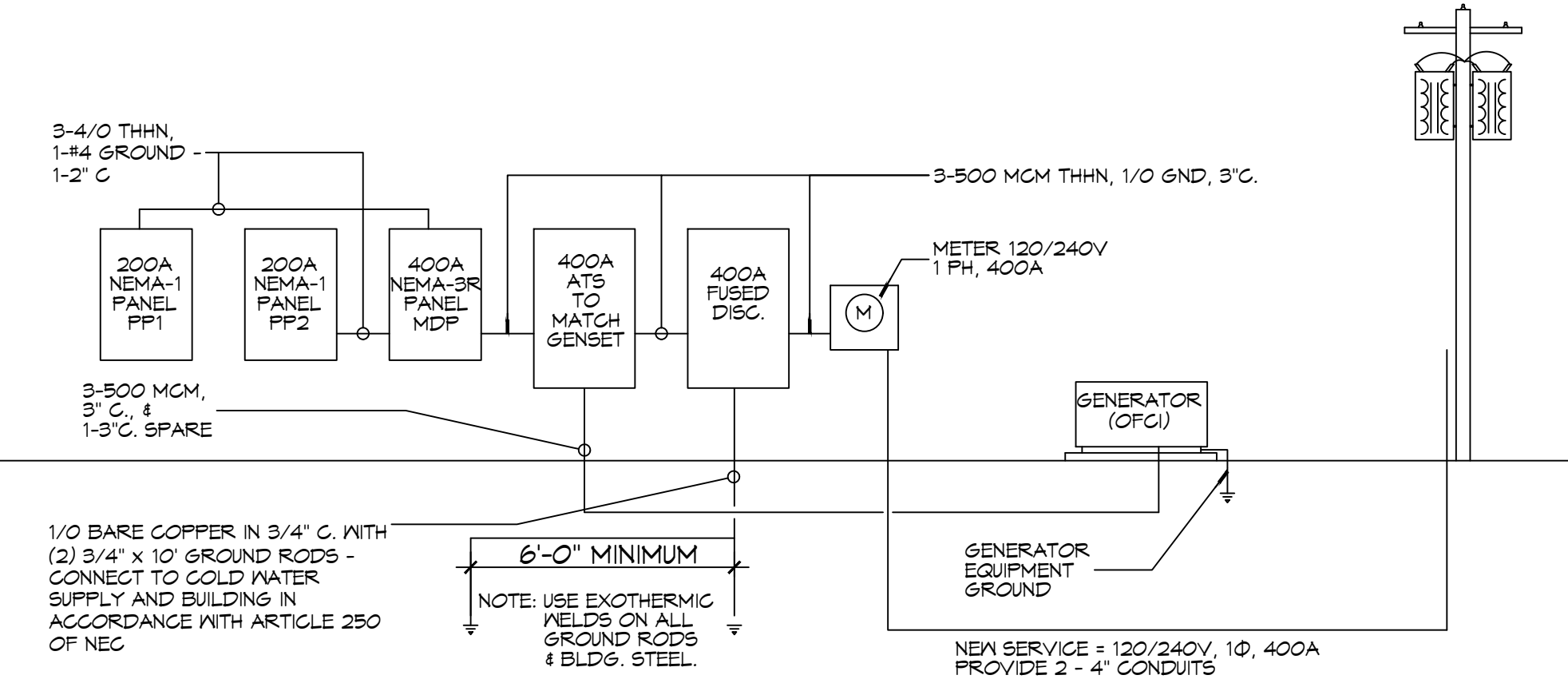
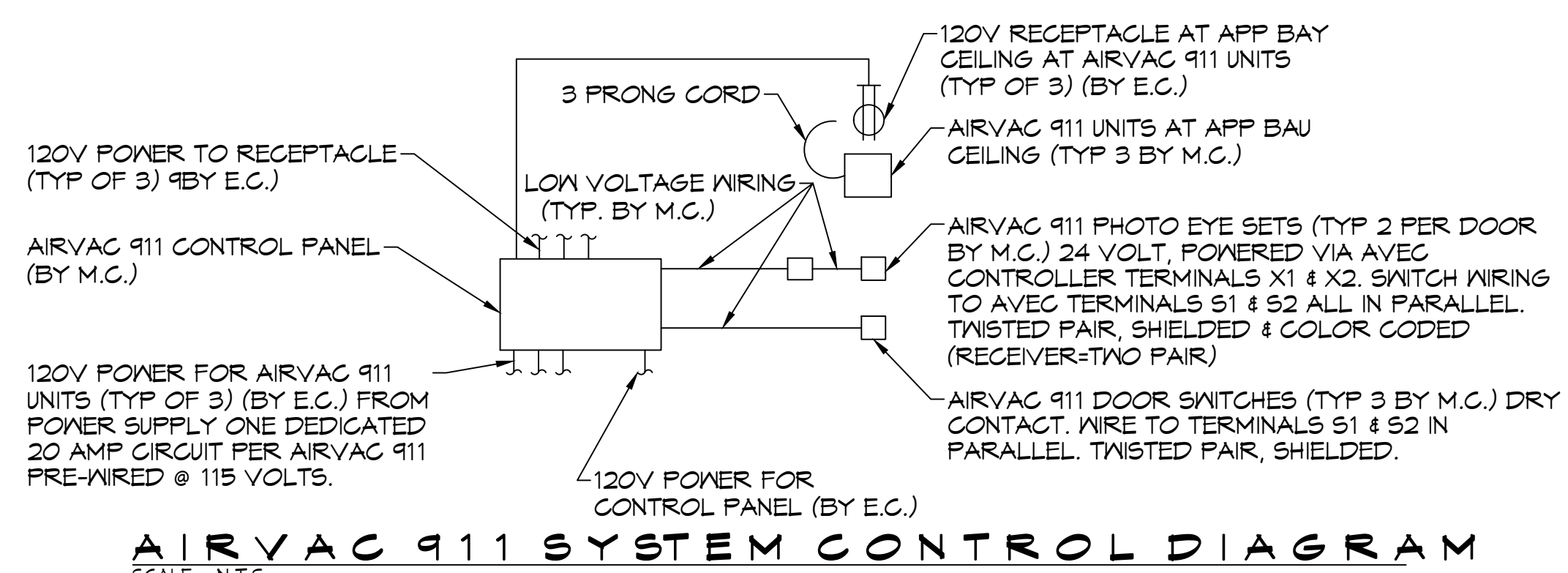
PANEL SCHEDULE

PANEL: PP2
 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			1.5	1	20	WELL HOUSE	#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		SPACE	-	-	-			-	1	20	SPARE	#12	14
15		SPACE	-	-	-			-	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	#10	WELL PUMP **	30	2	1.3			1.7	1	20	AIR VAC EXHAUST REMOVAL ***	#12	28
29					1.3			1.7	1	20	AIR VAC EXHAUST REMOVAL ***	#12	30

SOLID NEUTRAL NEUTRAL WIRE (N)
 TOTAL CONNECTED LOAD = 23.5 kva
 GROUND BUS GROUND WIRE (G)
 AΦ = 12.2 kva BΦ = 11.3 kva

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



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REVISIONS	DATE	DESCRIPTION
1	7/29/2022	Revised PP2

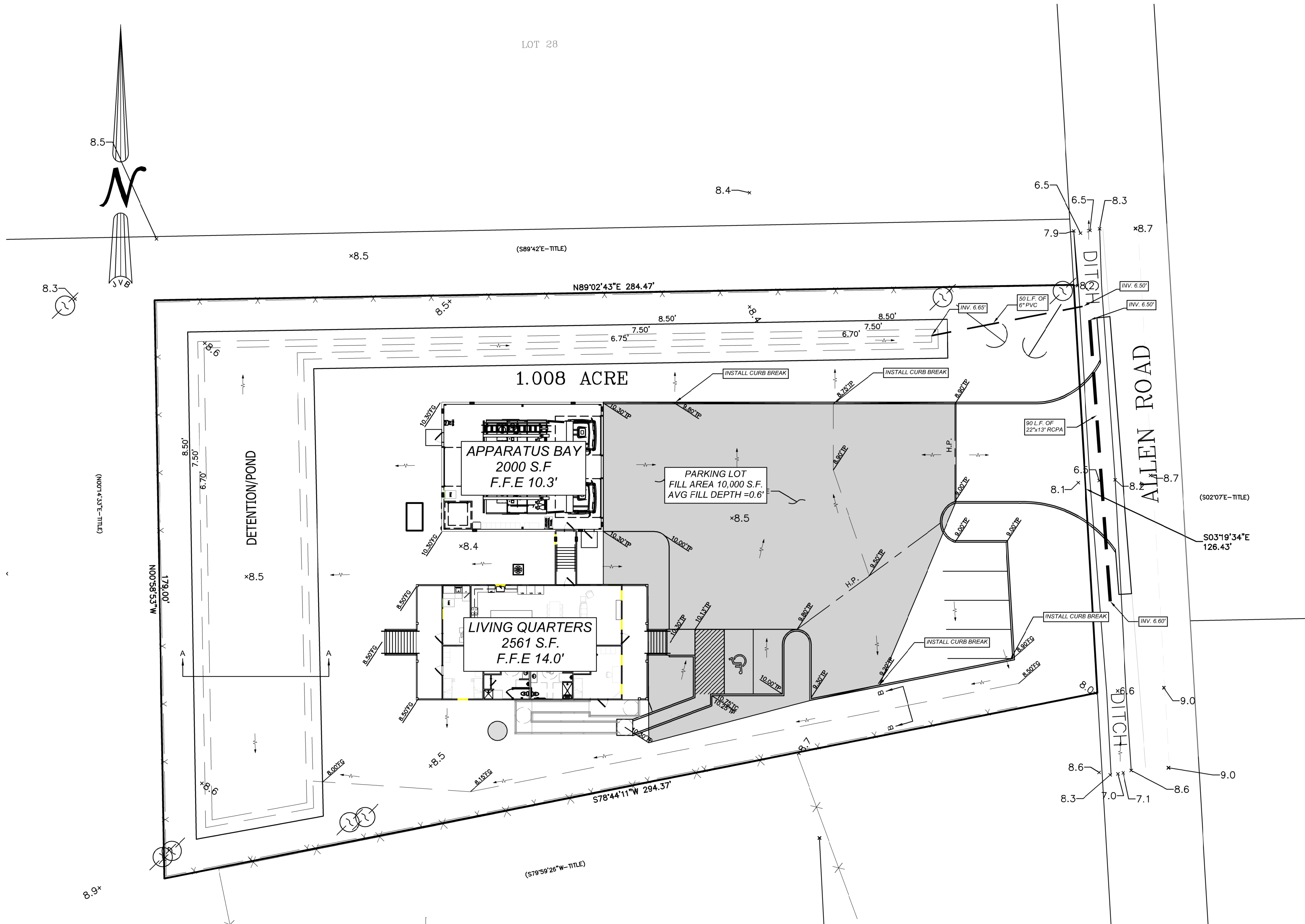


ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION 19
 57047 ALLEN ROAD
 SLIDELL, LOUISIANA 70461
 JOB No: 2495
 DATE: 05-16-2022
 DRAWN BY: C&D
 CHECKED BY: BAW

SHEET TITLE:
 PANEL SCHEDULE AND ONE LINE DIAGRAM

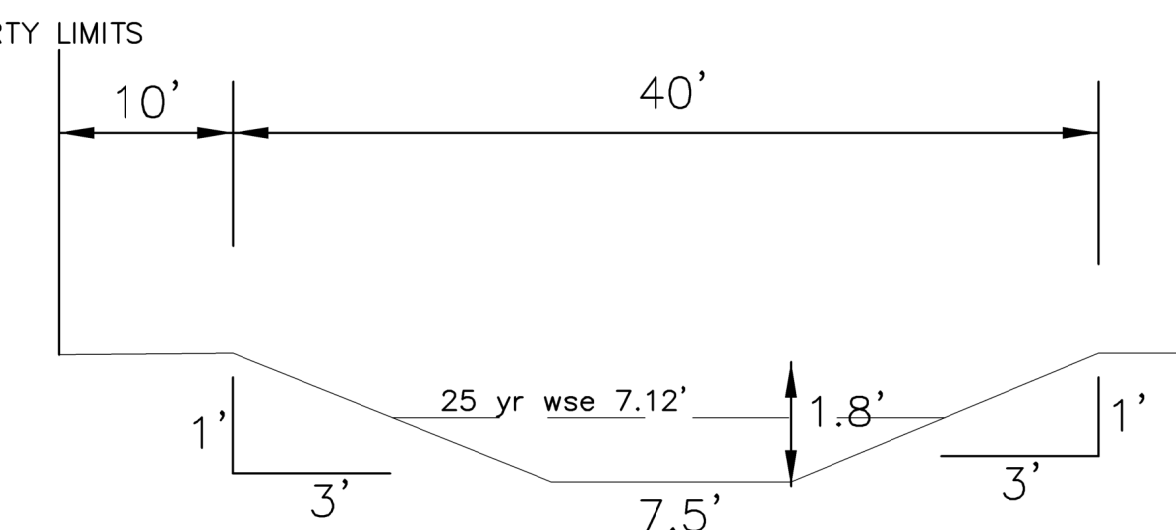
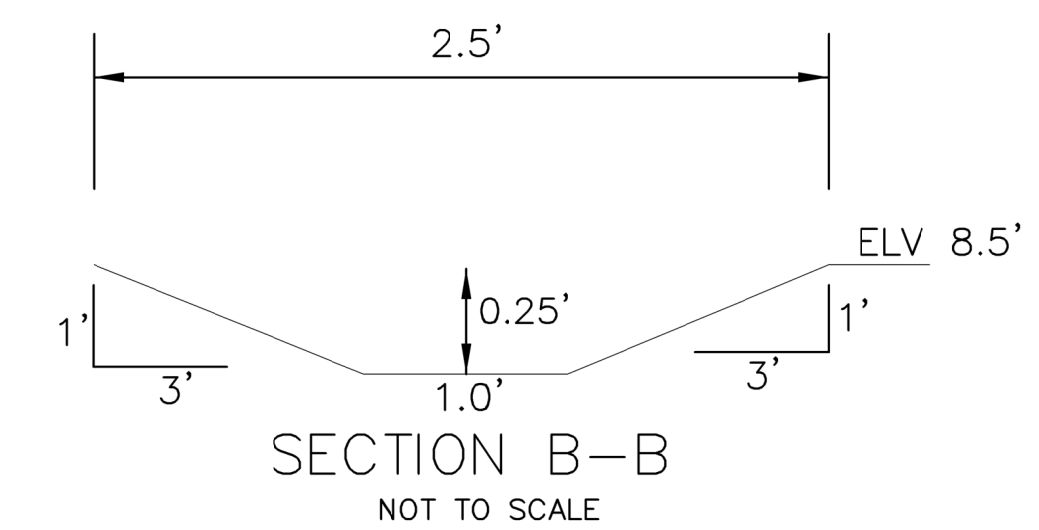
DRAWING NUMBER:

E104



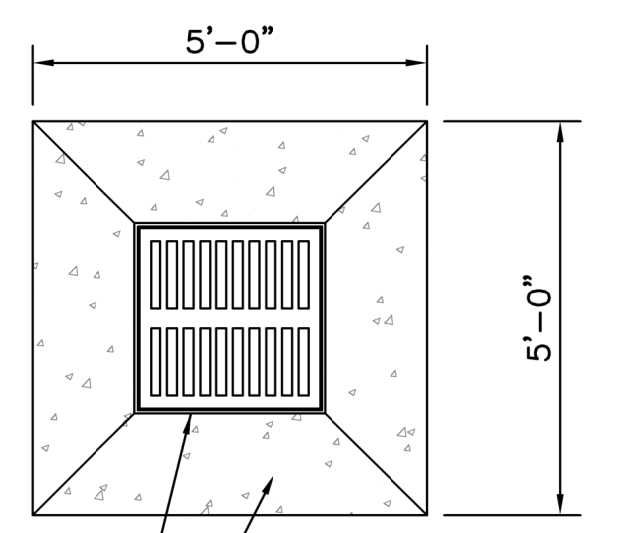
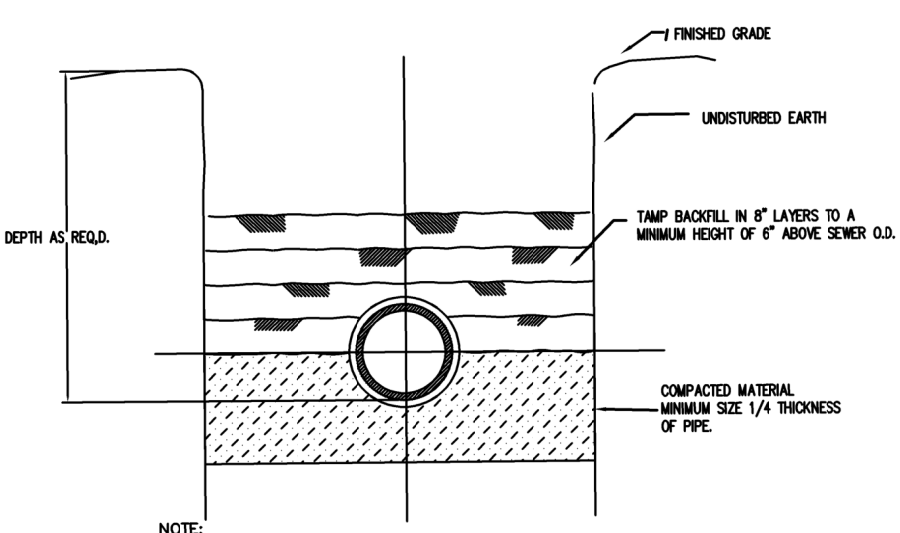
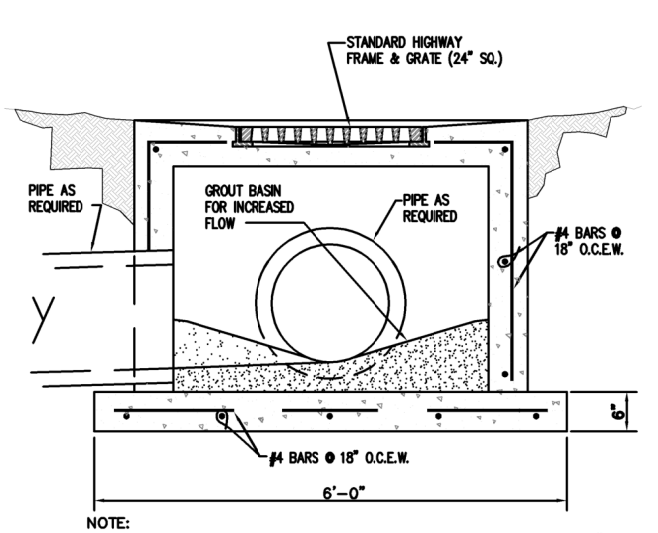
GRADING AND DRAINAGE NOTES :

- CONTRACTOR SHALL VERIFY TOP ELEVATIONS OF ALL DRAINAGE STRUCTURES IN FIELD AND SET FLOW LINE INVERT ELEVATIONS TO REFLECT DESIGN INDICATED IN CONSTRUCTION PLANS.
- CUT OR FILL SLOPES SHOULD NOT BE STEEPER THAN 3(H):1(V).
- ALL 3:1 SLOPES MUST BE STABILIZED WITH MATTING, MULCH AND/OR PLANT MATERIAL TO ENSURE THAT RUNOFF AND SILT DOES NOT LEAVE PROJECT SITE.
- ALL EXCAVATED UNPAVED AREAS SHALL BE RESTORED BY SODDING OR HYDROSEEDING.
- ADJUST PAVEMENT AND/OR CURB ELEVATIONS AS NECESSARY TO ASSURE AS SMOOTH FIT AND CONTINUOUS GRADE WITH EXISTING.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- PROPOSED SPOT GRADES ARE SHOWN ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL UN-SURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH STANDARD SPECIFICATIONS UNTIL A HEAVY STAND OF GRASS IS OBTAINED.
- CONSTRUCTION SHALL COMPLY WITH ALL GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- THE CONTRACTOR SHALL MAINTAIN DUST CONTROL ON SITE AT ALL TIMES BY WATERING SITE AS OFTEN AS NEEDED.
- CONTRACTOR SHALL FIELD VERIFY ELEVATIONS OF ADJACENT PROPERTIES TO SITE. IF EXISTING GRADES DO NOT MATCH THOSE SHOWN ON THIS PLAN, CONTRACTOR SHALL NOTIFY OWNERS PROJECT MANAGER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRAFFIC CONTROL NECESSARY FOR DRIVE DEMOLITION/CONSTRUCTION.
- ALL HANDICAP ACCESSIBLE RAMPS, SIDEWALKS, ROUTES, ETC. MUST BE CONSTRUCTED IN ACCORDANCE WITH FEDERAL, STATE, CITY STANDARDS. IN THE EVENT THESE REQUIREMENTS CANNOT BE MET J.V. BURKES & ASSOCIATES SHALL BE NOTIFIED PRIOR TO CONSTRUCTION FOR AN ALTERNATE SOLUTION.
- THE CONTRACTOR SHALL BALL AND FLUSH ALL SEWER AND STORM DRAIN LINES IN THE PRESENCE OF THE ENGINEER AND OWNER.
- THE CONTRACTOR SHALL AT ALL TIMES, PROVIDE AND MAINTAIN EMERGENCY ACCESS TO THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE FIRE PROTECTION AGENCY HAVING JURISDICTION OVER THE PROJECT SITE.
- THE CONTRACTOR SHALL ADJUST ALL UTILITY BOXES, MANHOLE COVERS, DRAIN INLETS, VALVE COVERS, ETC TO MATCH FINISH GRADE IN THE CONSTRUCTION AREA UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL EXCAVATE FOR AND EXPOSE EXISTING UNDERGROUND UTILITIES WHERE CONNECTIONS ARE TO BE MADE PRIOR TO ANY CONSTRUCTION. SHOULD ANY ADJUSTMENTS IN LINE OR GRADE BE NECESSARY, THE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR SHALL COORDINATE UNDERGROUND UTILITY CONSTRUCTION IN SUCH A MANNER AS TO PREVENT ANY CONFLICT WHERE UTILITY LINES CROSS.
- ALL DRAINAGE PIPES SHALL HAVE A MIN SLOPE OF 0.15% UNLESS OTHERWISE NOTED.
- PRIOR TO FINAL DRAINAGE INSPECTION, ALL NEW POND & SWALE SLOPES SHALL BE HYDROSEEDED OR SODDED.
- PIPE SHALL BE R.C.P. C-76 CLASS III (UNLESS OTHERWISE NOTED).



CUT/Fill MITIGATION VOLUME

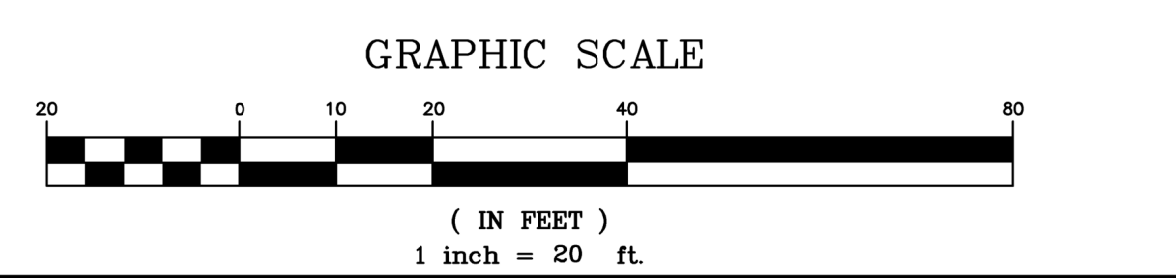
Name	2d Area	Cut	Fill	Net
Garage & Quarters	4561 Sq. Ft.	0.00 Cu. Yd.	118 Cu. Yd.	118 Cu. Yd.<Fill>
Parking lot & landscape	10000 Sq. Ft.	0.00 Cu. Yd.	139 Cu. Yd.	222 Cu. Yd.<Fill>
Pond	8373 Sq. Ft.	427 Cu. Yd.	0.00 Cu. Yd.	427 Cu. Yd.<Cut>
Total				287 Cu. Yd.<CUT/FILL>



NOTE:
 1. THE BEDDING DEPTH BENEATH THE CATCH BASIN SHALL BE 6" LIMESTONE COMPACTED TO 90% MOD. ST. PROCTOR.
 2. THE CATCH BASIN SHALL BE BACKFILLED WITH AN APPROVED MATERIAL OR, IF APPROVED BY THE PROJECT ENGINEER, EXCAVATED MATERIAL MAY BE USED.

NOTE:
 1. THE BEDDING DEPTH BENEATH THE PIPE SHALL BE 6" LIMESTONE COMPACTED TO 90% MOD. ST. PROCTOR.
 2. THE PIPE SHALL BE WRAPPED IN GEOTEXTILE FABRIC AT EACH JOINT.

NOTE: GRATES TO BE FIELD PAINTED BLACK.



DRAINAGE LEGEND

- 27.86' SW - PROPOSED TOP OF SIDEWALK ELEVATION
- 27.86' TP - PROPOSED TOP OF FINISH PAVEMENT ELEVATION
- 27.86' SW - PROPOSED TOP OF PAVEMENT & SIDEWALK ELEVATION
- 27.86' TC - PROPOSED TOP OF CURB ELEVATION
- 27.86' FL - PROPOSED FLOW LINE ELEVATION
- 27.86' FG - PROPOSED FINISH GROUND ELEVATION (UNPAVED)
- X 27.86 - EXISTING ELEVATION
- [Grid Symbol] DRAIN INLET - 24" X 24" GRATE TOP OF CASTING ELEVATION INVERT ELEVATION
- PROPOSED STORM DRAINAGE PIPE
- [Arrow Symbol] FLOW ARROW
- H.P. OR L.P. - PROPOSED GRADED HIGH POINT OR LOW POINT

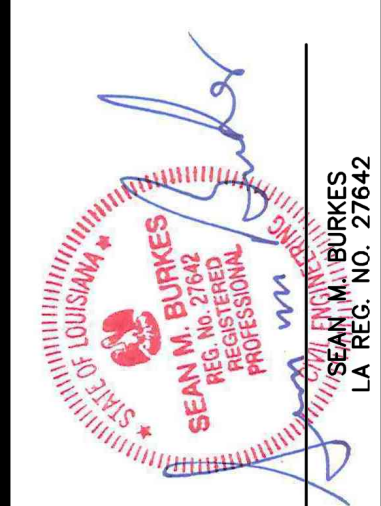
- LEGEND**
- [Symbol] - S - SEWER MANHOLE, SEWER LINE
 - [Symbol] - W - WATER MANHOLE, WATER LINE
 - [Symbol] - G - GAS MANHOLE, GAS LINE
 - [Symbol] - T - TELE. MANHOLE, TELE. LINE
 - [Symbol] - D - DRAIN MANHOLE, DRAIN LINE
 - [Symbol] - DI - DRAIN INLET, DRAIN LINE
 - [Symbol] - E T V - POWER POLE / OVERHEAD LINES ELECTRIC, TELEPHONE, CABLE TV
 - [Symbol] - E T V - ELEC. TOWER / OVERHEAD LINES
 - [Symbol] - CB - CATCH BASIN
 - [Symbol] - LS - LIGHT STANDARD
 - [Symbol] - TL - TRAFFIC LIGHT
 - [Symbol] - P - TELE., ELEC., CATV PEDESTAL
 - [Symbol] - G - GAS, WATER, ELECTRIC METER
 - [Symbol] - V - GAS, WATER VALVE
 - [Symbol] - SC - SEWER, DRAIN CLEANOUT
 - [Symbol] - FH - FIRE HYDRANT
 - [Symbol] - WA - GUY WIRE ANCHOR
 - [Symbol] - S - SIGN
 - [Symbol] - P - PYLON
 - [Symbol] - MB - MAILBOX
 - [Symbol] - T - TREE
 - [Symbol] - S - SHRUB
 - [Symbol] - F - FENCE

DRAINAGE PLAN
 A 1.000 ACRE PORTION OF LOTS 29 & 30,
 WITTEBORG FARMS IN SECTION 13, T-9-S, R-14-E,
 GREENSBURG LAND DISTRICT
 ST. TAMMANY PARISH, LOUISIANA

DECLARATION IS MADE TO ORIGINAL PURCHASER OF THE SURVEY. IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS. SURVEY TO BE MADE ONLY IN PRINT AND ORIGINAL SEAL OF SURVEYOR.

ST. TAMMANY FIRE DISTRICT #1

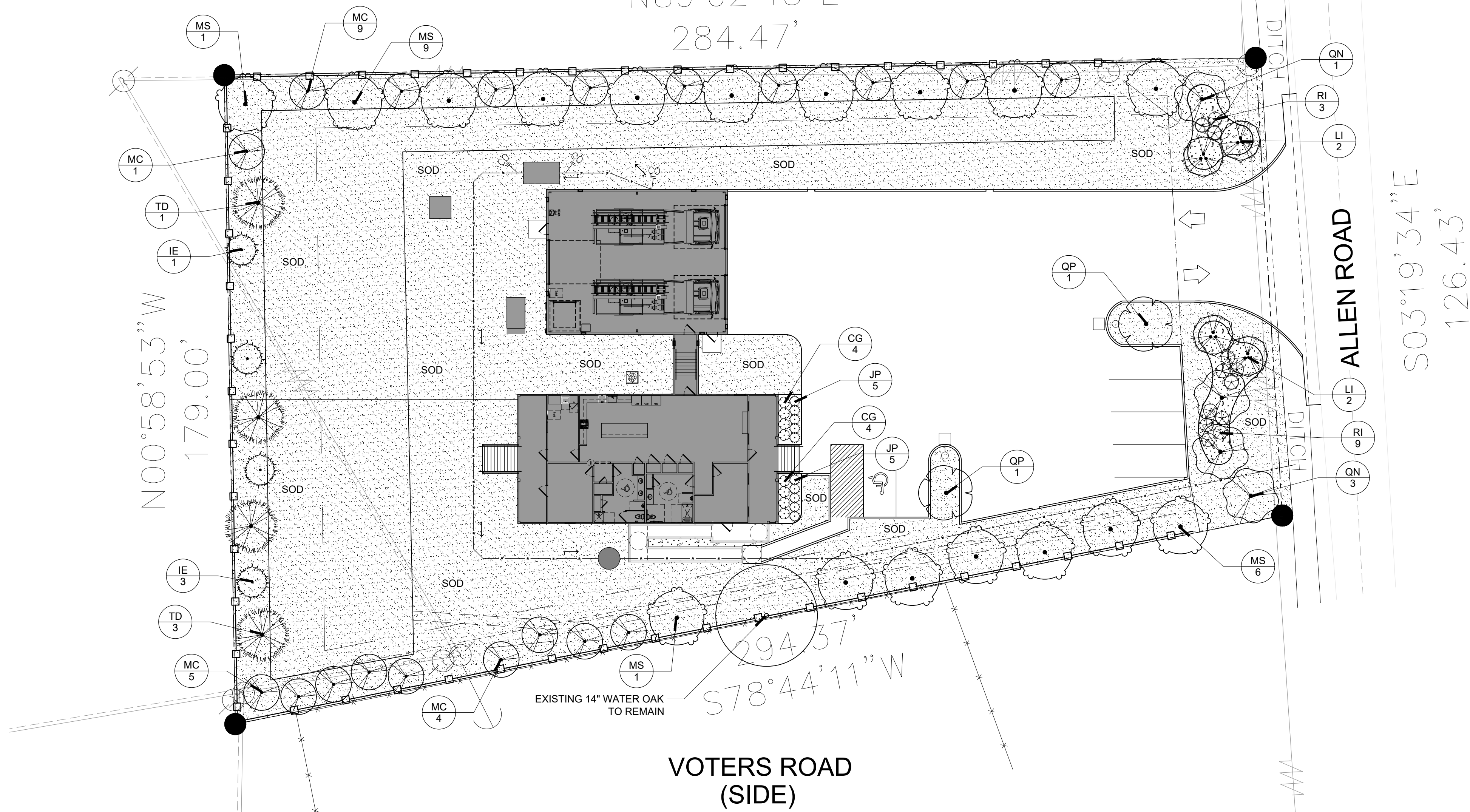
SCALE: 1" = 20'
 DATE: 4/12/2022
 DRAWN BY: WSR
 CHECKED BY: SMB
 DWG. NO.: 20210632
 SHEET 1 OF 1



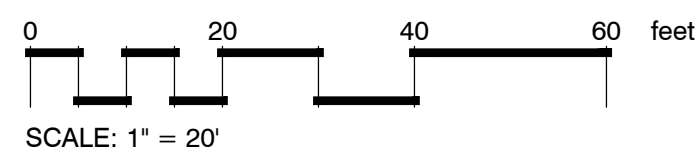
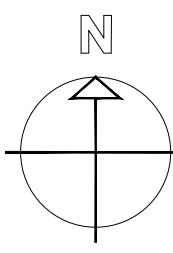
J.V. Burkes & Associates, Inc.
 SURVEYING ENGINEERING • ENVIRONMENTAL
 1805 Shortcut Highway
 Slidell, Louisiana 70458
 E-mail: jvb@jvburkes.com
 Phone: 985-649-0075 Fax: 985-649-0154

US HIGHWAY 190 EAST
(SIDE)

N89°02'43"E
284.47'

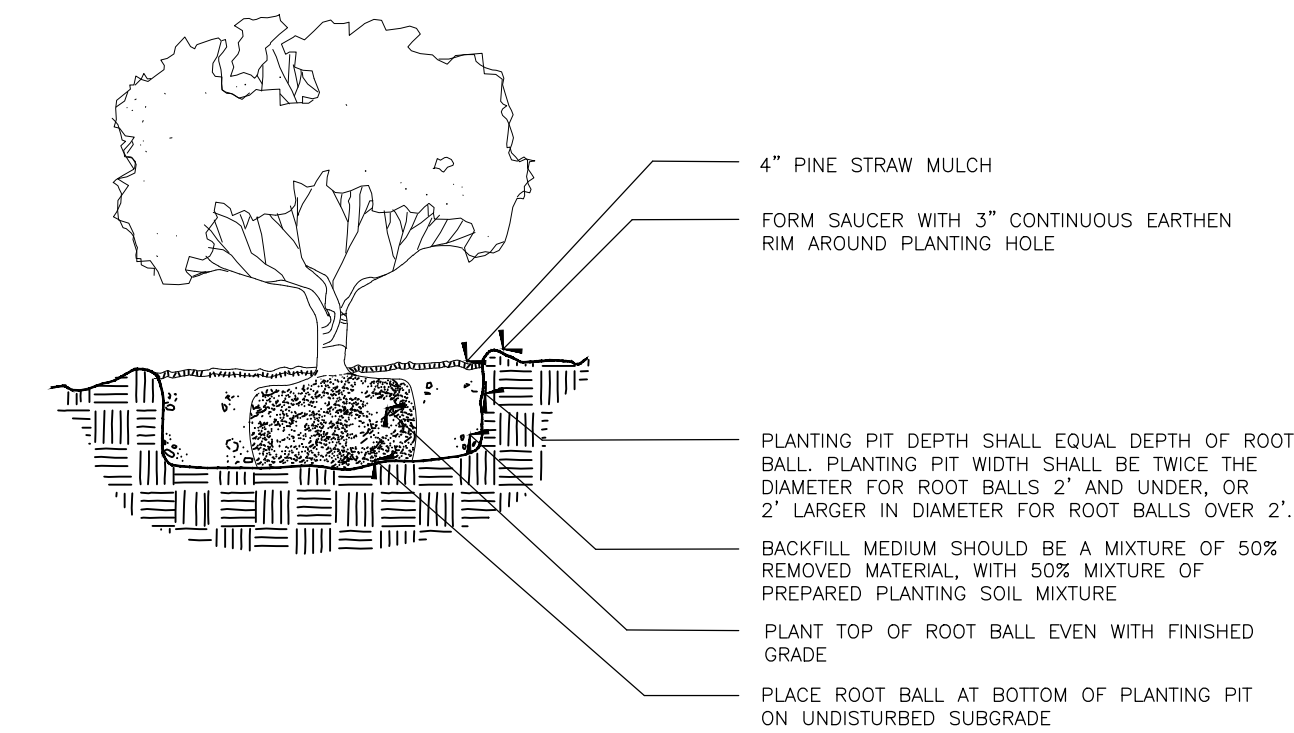


LANDSCAPE PLANTING PLAN

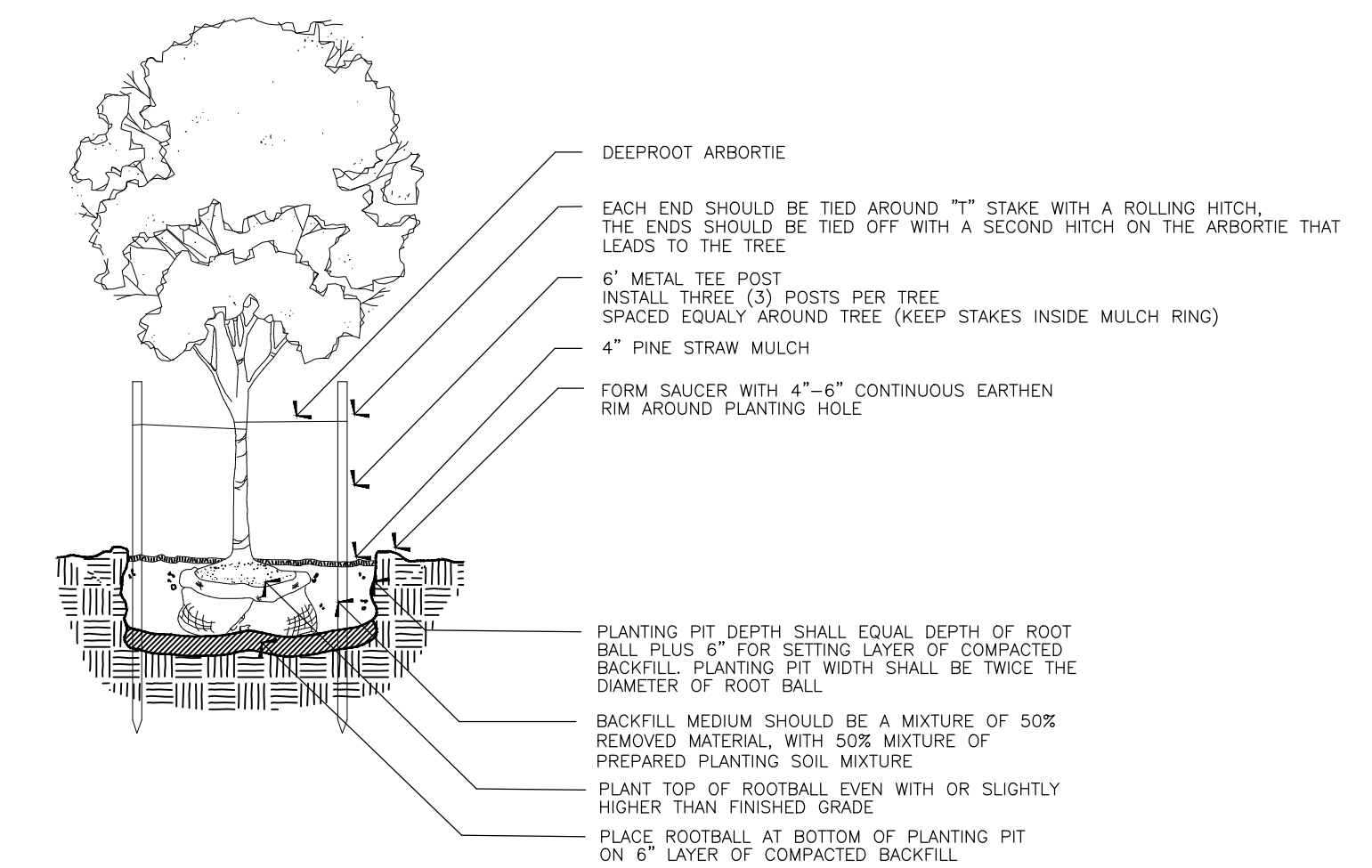


SECTION 7.0112 MAINTENANCE & REPLACEMENT

- 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.
1. Planting Beds shall be mulched to prevent weed growth and maintain soil moisture.
 2. Plant Materials shall be pruned as required to maintain good health and character.
 3. Turf areas shall be mowed periodically.
 4. All roadways, curbs and sidewalks shall be edged when necessary in order to prevent encroachment from the adjacent grassed areas.
 5. 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.



1 SHRUB PLANTING DETAIL
LS-1 N.T.S.



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

PLANT SCHEDULE

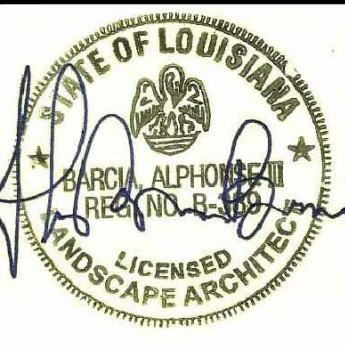
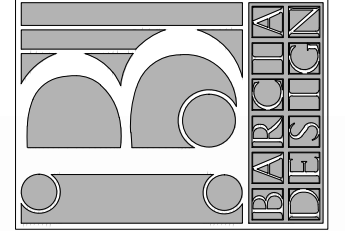
CLASS 'B'	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
	IE	4	Ilex x attenuata 'Eagleston' / Eagleston Holly	Gallon or B&B	1 1/2" Cal. Standard Trunk	8'-10' ht.
	LI	4	Lagerstroemia indica / Crape Myrtle	Gallon or B&B	1" Cal. per Trunk 3 Trunk Min.	8'-10' ht.
	MC	19	Myrica cerifera / Wax Myrtle	Gallon 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' / Parsonii 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
4A TREES AND 4B TREES REQUIRED		4A TREES AND 4B TREES PROVIDED
12 SHRUBS PROVIDED		
US HIGHWAY 190 EAST (SIDE)		
25' 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
5A TREES AND 5B TREES REQUIRED		5A TREES AND 5B 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
SLIDELL, LOUISIANA 70461
BARCIADESIGNS@GMAIL.COM
(985) 960-0429



6-2-2022

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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: JUNE 2ND, 2022