

D:\Projects\2024\051024\051024.dwg - Chief Engineer: Brian Mistich, PE - Date: 05/02/2024 - 10:28 AM

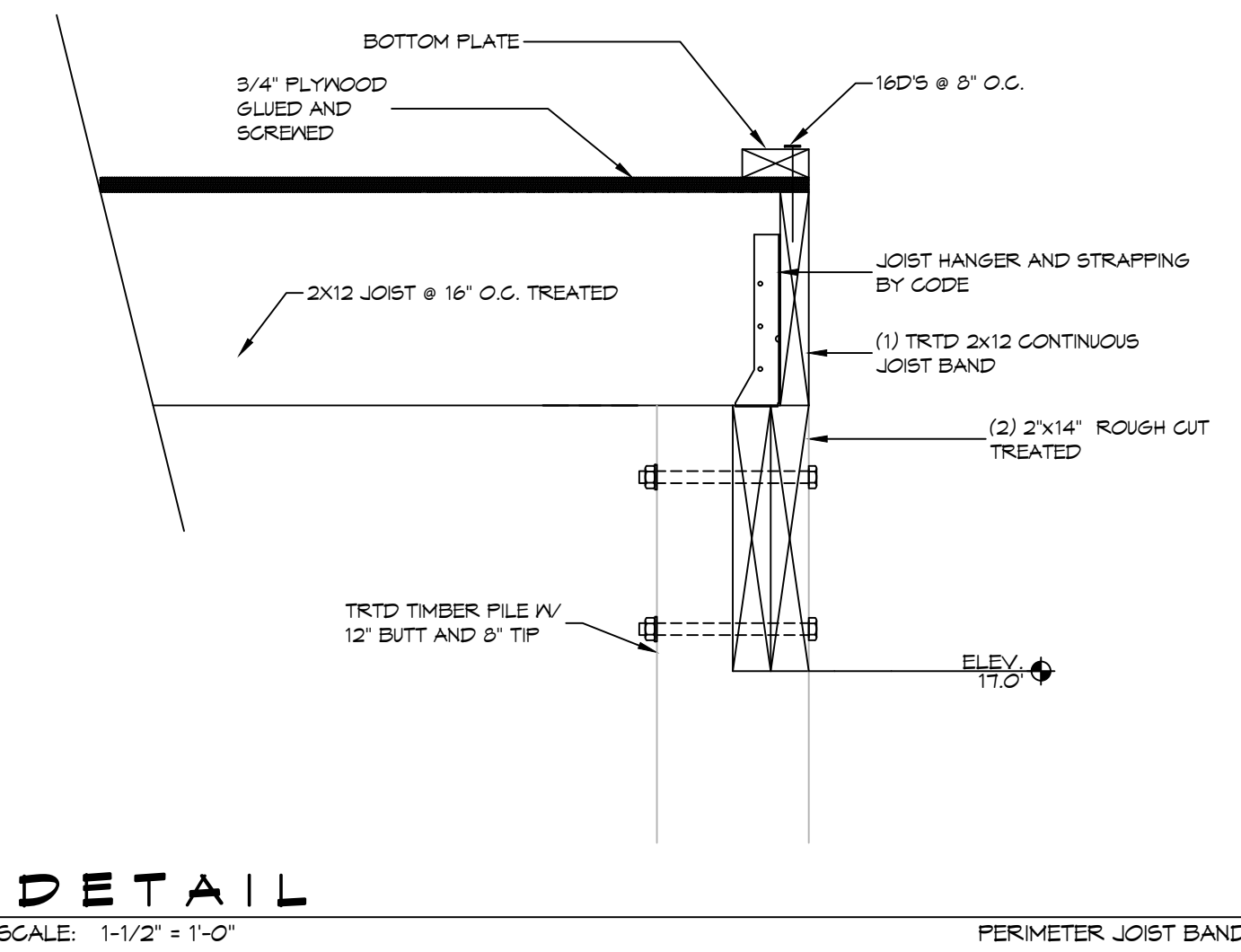
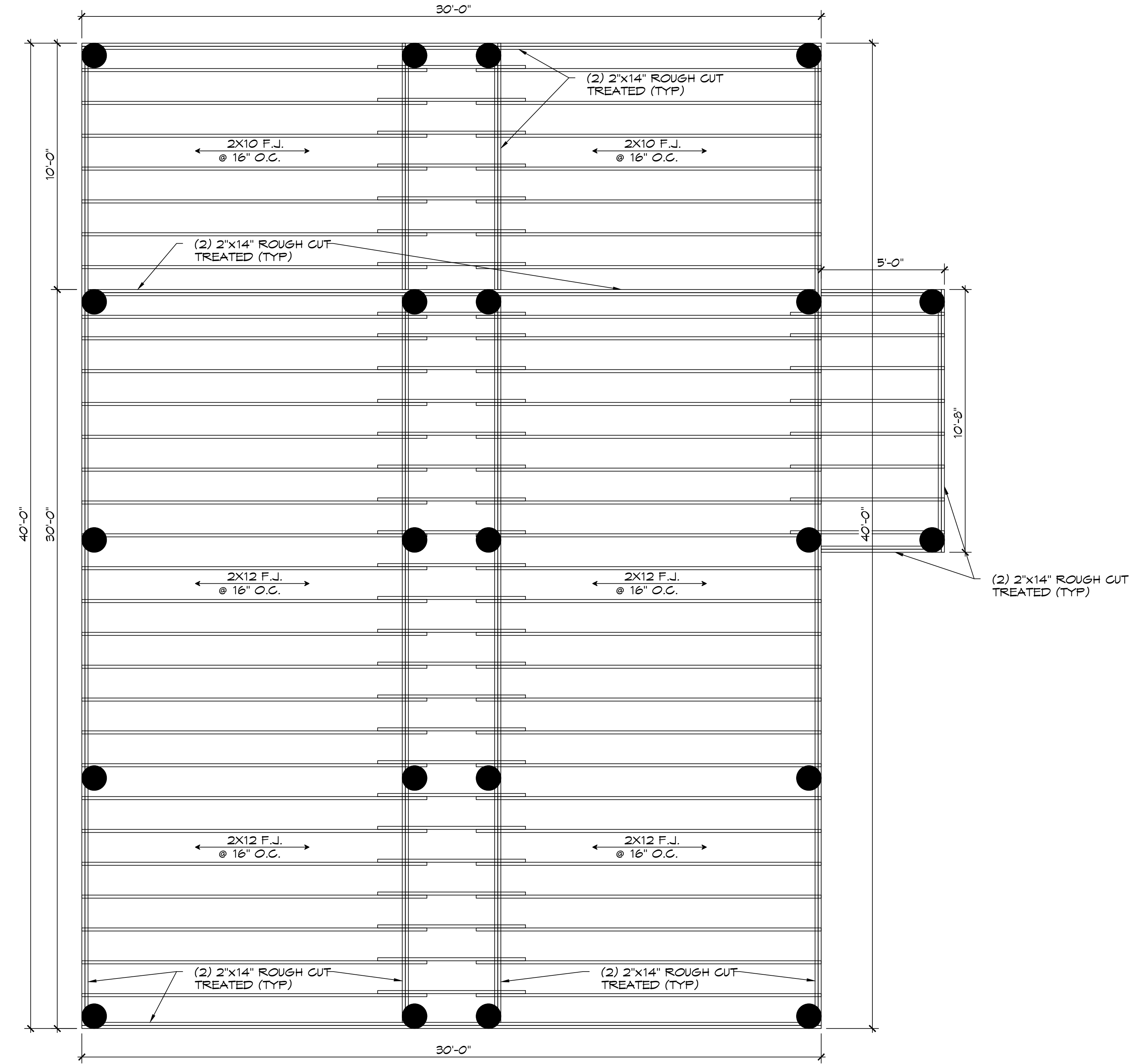
- ### GENERAL NOTES
1. ALL LUMBER SHALL BE PRESSURE TREATED WITH A RETENTION OF .4 PER C.F.
 2. ALL FASTENERS SHALL BE HOT DIPPED GALVANIZED (HDG) PER ASTM A193.
 3. ALL CONNECTORS SHALL BE HDG PER ASTM A653, CLASS 6105 SHEET WITH 1.85 OZ/SF ZINC COATING.
 4. TRIPLE UP FLOOR JOIST UNDER TUB AND INTERIOR LOAD BEARING WALLS.

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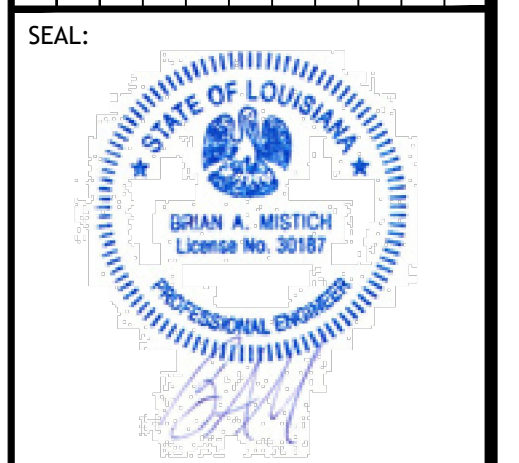


FLOOR FRAMING PLAN
SCALE: 3/8" = 1'-0"

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

PERIMETER JOIST BAND

#	DESCRIPTION	DATE



BOAT HOUSE PLAN

ALBERT CUITTTO

LOT 16
 21181 CHEF MENTEURS HWY
 NEW ORLEANS, LOUISIANA 70124
 JOB No: 2024 | DATE: 05-02-2024
 DRAWN BY: CKD | CHECKED BY: BAM

SHEET TITLE:
FLOOR FRAMING PLAN

DRAWING NUMBER:

S103

TABLE S601.7 - UPLIFT CONNECTIONS - 164 MPH WINDS EXP "D"
NFCM 2015 TABLE 3.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4" X 20 GAUGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	401	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 164 MPH WIND EXP "D"
NFCM 2015 TABLE 3.2C

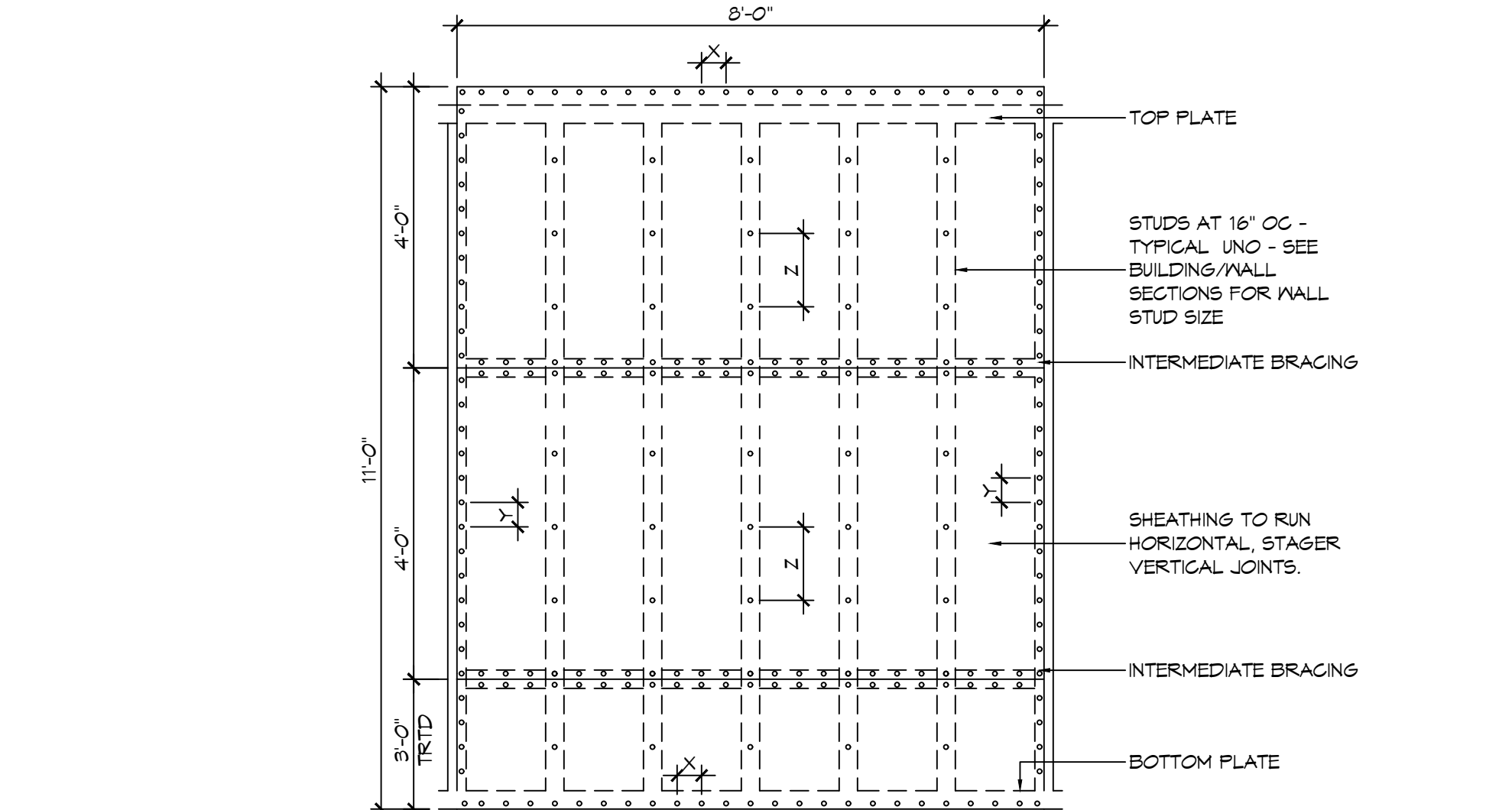
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER	

TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 164 MPH WIND EXP "D"
NFCM 2015 TABLE 3.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING UPLIFT LOADS	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		5/8" Ø ANCHOR BOLTS	48 INCHES ON CENTER W/3X3X1/4" WASHER
4 STORY	48 INCHES ON CENTER W/3X3X1/4" WASHER	5/8" Ø ANCHOR BOLTS	

TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "D"
NFCM 2015 TABLE 3.23C

HEADER SPAN (FEET)	WALL 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



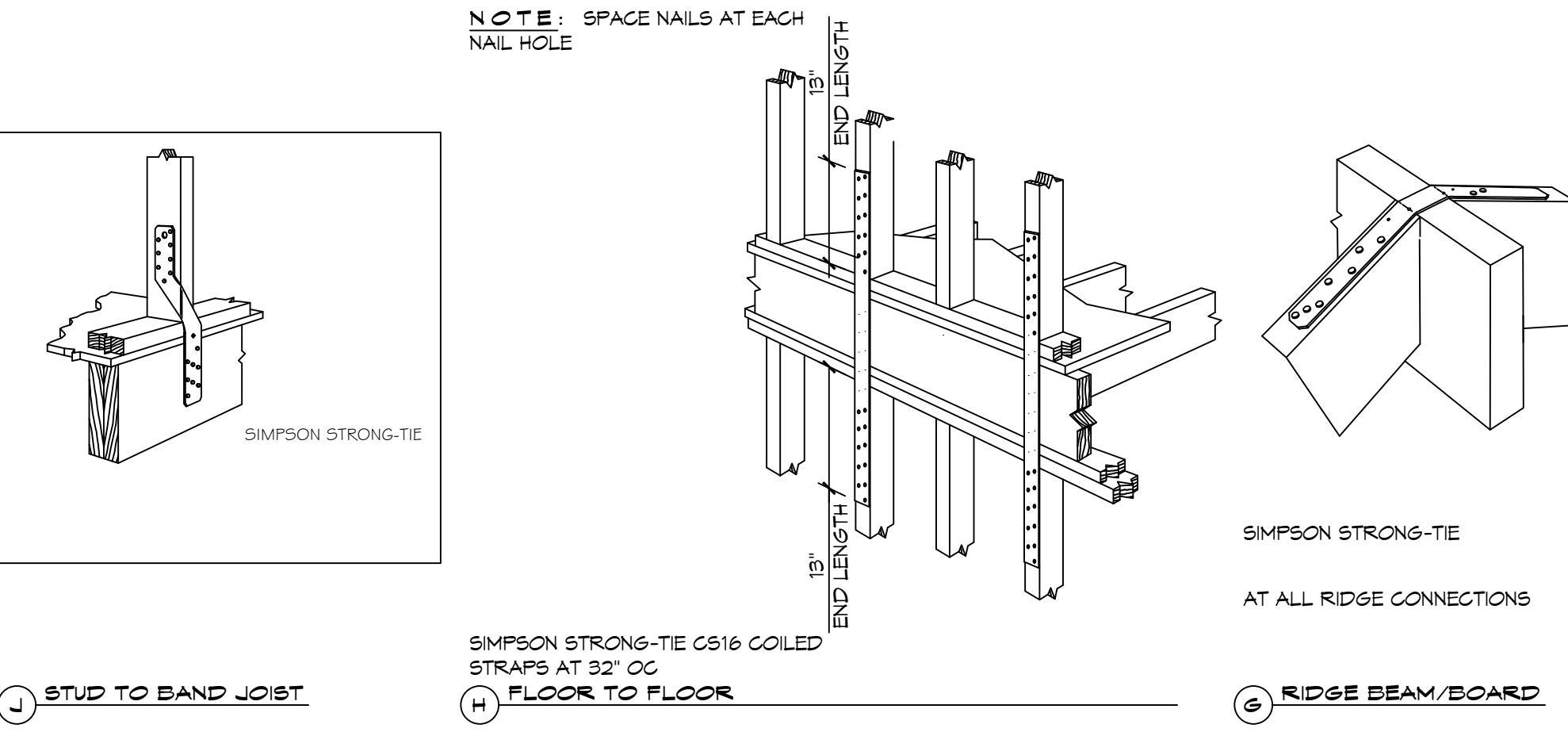
NAIL SPACING
X = 4" OC
Y = 4" OC
Z = 12" OC

X = PLATE EDGE NAIL SPACING
Y = LONG EDGE NAIL SPACING
Z = FIELD NAIL SPACING

INTERIOR SHEATHING
1/2" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @ 4" OC FASTENING @ PANEL EDGES 8d NAILS @ 12" OC FASTENING @ INTERMEDIATE MEMBERS.

EXTERIOR SHEATHING
5/8" PLYWOOD EACH FACE STAGGERED 48" OC. W/8d NAILS @ 4" OC FASTENING @ PANEL EDGES 8d NAILS @ 12" OC FASTENING @ INTERMEDIATE MEMBERS.

H SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN



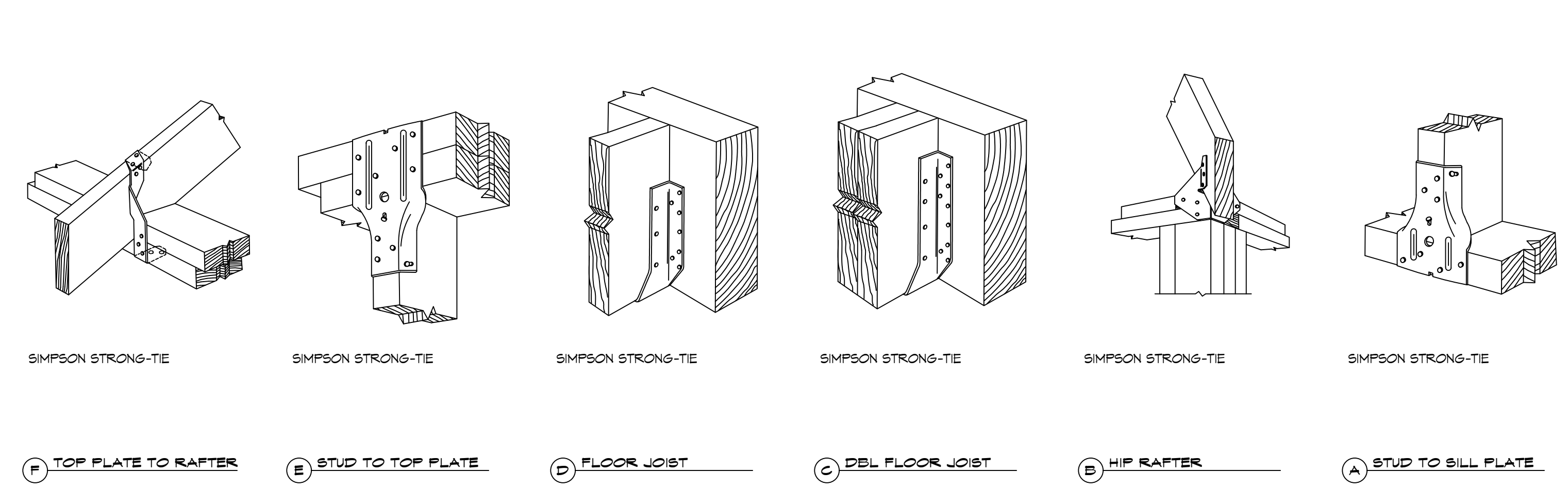
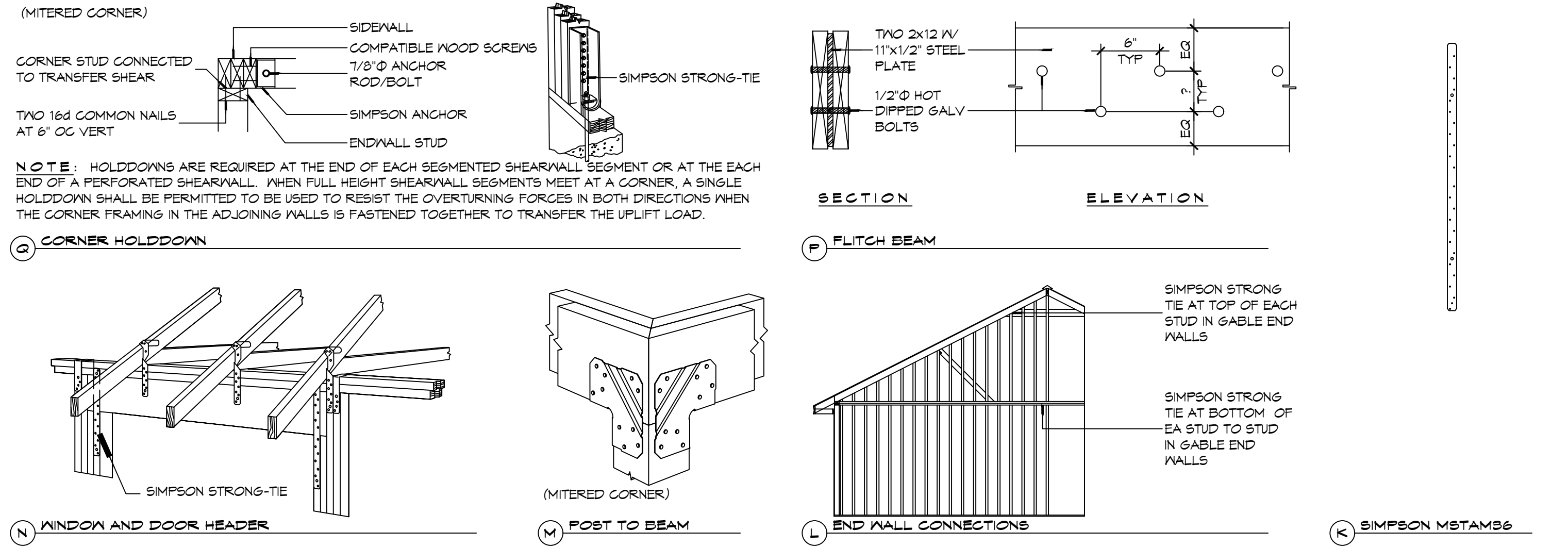
TYPICAL CONNECTION DETAILS
SCALE: NTS

TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)															
		12 FEET				24 FEET				36 FEET							
		3'	4.5'	5'	6.5'	3'	4.5'	5'	6.5'	3'	4.5'	5'	6'				
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	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	1	1	1	
	6	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	
	8	1	1	1	1	2	1	1	1	2	2	2	1	1	1	1	
	10	1	1	1	1	2	2	1	1	3	2	2	2	2	2	2	
	12	1	1	1	1	2	2	2	1	3	2	2	2	2	2	2	
	14	2	1	1	1	3	2	2	2	4	3	3	2	2	2	2	
	16	2	2	1	1	3	2	2	2	4	3	3	2	2	2	2	
	TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
		4	1	1	1	1	2	1	1	1	3	2	2	2	2	2	2
6		2	1	1	1	3	2	2	2	4	3	2	2	2	2	2	
8		2	2	1	1	3	2	2	2	5	3	3	3	3	3	3	
10		2	2	2	1	4	3	3	2	6	4	4	3	3	3	3	
12		3	2	2	2	5	3	3	3	7	5	4	4	4	4	4	
14		3	2	2	2	6	4	4	3	8	5	5	4	4	4	4	
16		4	3	2	2	6	4	4	3	9	6	6	5	5	5	5	

TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS
NFCM 2015 TABLE 3.22F

ROOF AND CEILING	HEADER WIDTH - 3" (2-2X), 4.5" (3-2X), 5", 6.5" (4-2X) EACH 1/2" PLYWOOD SPACER BETWEEN	ROOF LIVE LOAD 20 PSF				ROOF LIVE LOAD 30 PSF										
		3'	4.5'	5'	6.5'	3'	4.5'	5'	6.5'							
		2	1	1	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	1	1	1	
6	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	
8	2	2	2	2	1	2	2	2	2	1	1	1	1	1	1	
10	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	
12	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2	
14	4	3	2	2	2	4	3	2	2	2	2	2	2	2	2	
16	4	3	3	2	2	4	3	3	2	2	2	2	2	2	2	
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1
	6	2	2	2	2	1	3	2	2	2	2	2	2	2	2	2
	8	3	2	2	2	2	3	2	2	2	2	2	2	2	2	2
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	12	4	3	3	2	2	5	3	3	3	3	3	3	3	3	3
	14	5	4	3	3	3	5	4	4	3	3	3	3	3	3	3
	16	6	4	4	3	3	6	4	4	3	3	3	3	3	3	3



TYPICAL CONNECTION DETAILS
SCALE: NTS

TABLE S601.3 - NAILING SCHEDULE
NFCM 2015 TABLE 3.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS

ROOFS	OPAQUE ELEMENTS		INSULATION MIN. R-VALUE
	INSULATION ENTIRELY ABOVE DECK	ASSEMBLY MAXIMUM	
ROOFS	METAL BUILDING	U-0.065	R-19
	ATTIC AND OTHER	U-0.027	R-30
	MASS	U-0.151	R-5.7 c.i.
WALLS, ABOVE GRADE	METAL BUILDING	U-0.113	R-19.0
	STEEL-FRAMED	U-0.124	R-19.0
	WOOD-FRAMED AND OTHER	U-0.089	R-19.0
FLOORS	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
SLAB-ON-GRADE	UN-HEATED	F-0.750	NR
OPAQUE DOORS	SWINGING	U-0.700	NR
	NON-SWINGING	U-1.450	NR

METAL ROOF APPLICATION & FASTENING NOTES

1. INSTALL 26 GAUGE METAL ROOF PER MANUFACTURER'S RECOMMENDATIONS FOR 164 MPH WIND SPEED.

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 S601.10.

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 S601.11.

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 G185 OR 2450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

TABLE S601.1 - ROOF SHEATHING ATTACHMENT REQUIREMENT - WIND LOAD EXP "D"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E F	
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	12
PERIMETER EDGE ZONE	12" OC	6	6
	24" OC	4	4

164 MPH WIND - EXPOSURE "D" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S601.1 - WALL SHEATHING AND CLADDING REQUIREMENT - WIND LOAD EXP "D"

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

164 MPH WIND - EXPOSURE "D" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

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LOUISIANA & MISSISSIPPI

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#	DESCRIPTION	DATE

SEAL:

ALBERT CUITTO

BOAT HOUSE PLAN

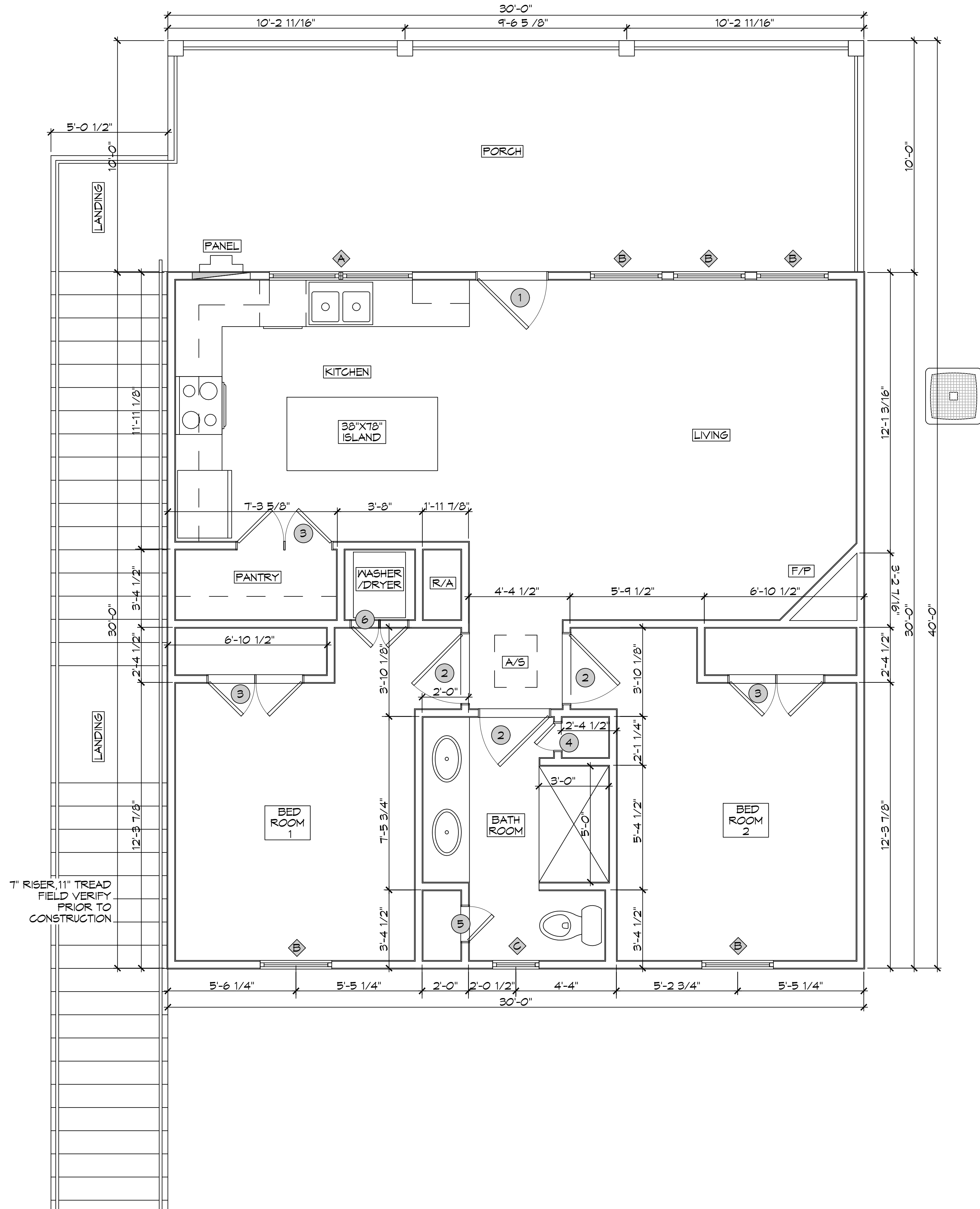
LOT 16
2715 CHIEF MENTEUR HWY
IRBIA ORLEANS, LOUISIANA 70394
JOB No: 2024
DATE: 05-02-2024
DRAWN BY: DD/KJK
CHECKED BY: CKD

SHEET TITLE:
TYPICAL CONNECTION
DETAILS, SCHEDULES, AND
NOTES

DRAWING NUMBER:
S107

SHEET No: 9 of 13

FILE NAME: A:\PROJECTS\10101\10101.dwg
 PLOT DATE: 05/02/2024
 PLOT TIME: 11:58:32 AM
 PLOT BY: B.A.M.



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

DOOR SCHEDULE

MK	WIDTH	HEIGHT	THICK	QT	DESCRIPTION
1	3'-0"	6'-8"	1 3/4"	1	METAL EXTERIOR DOOR 3/4 GLASS
2	3'-0"	6'-8"	1 3/4"	3	RAISED PANEL INTERIOR HOLLOW CORE
3	(2)2'-0"	6'-8"	1 3/4"	3	RAISED PANEL INTERIOR HOLLOW CORE
4	1'-2"	6'-8"	1 3/4"	1	RAISED PANEL INTERIOR HOLLOW CORE
5	1'-6"	6'-8"	1 3/4"	1	RAISED PANEL INTERIOR HOLLOW CORE
6	(2) 1'-3"	6'-8"	1 3/4"	1	RAISED PANEL INTERIOR HOLLOW CORE

WINDOW SCHEDULE

MK	WIDTH	HEIGHT	DESCRIPTION
A	3'-0"	5'-0"	(2) 1/1 VINYL SINGLE HUNG
B	3'-0"	5'-0"	(3) 1/1 VINYL SINGLE HUNG
C	3'-0"	5'-0"	(1) 1/1 VINYL SINGLE HUNG
D	3'-0"	3'-0"	(2) 1/1 VINYL SINGLE HUNG
E	3'-0"	3'-0"	(1) 1/1 VINYL SINGLE HUNG
F	4'-0"	2'-0"	(1) VINYL, FROSTED
G	2'-0"	5'-0"	(2) 1/1 VINYL SINGLE HUNG

WINDOW NOTES:

- CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING THE ENERGY EFFICIENCY REQUIREMENTS OF THE BUILDING CODE (BASED ON IRC 2021 CLIMATE ZONE 2 - U FACTOR = 0.75 MAX SHGC = 0.40 MAX)
- CONTRACTOR SHALL SELECT WINDOW & DOOR PRODUCTS MEETING WIND DESIGN PRESSURE REQUIREMENTS OF R613.3
- SAFETY GLAZING (TEMPERED GLASS) IS REQUIRED AT LOCATIONS IDENTIFIED IN R308.4

NOTE: ALL EXTERIOR WINDOWS AND DOORS ASSEMBLES TO BE RATED FOR 150 MPH WINDS AND SHALL BE MISSILE IMPACT RESISTANT.

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE WIND SPEED IS 150 MILES PER HOUR AND V₉₀ WIND SPEED IS 130 MPH, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION.

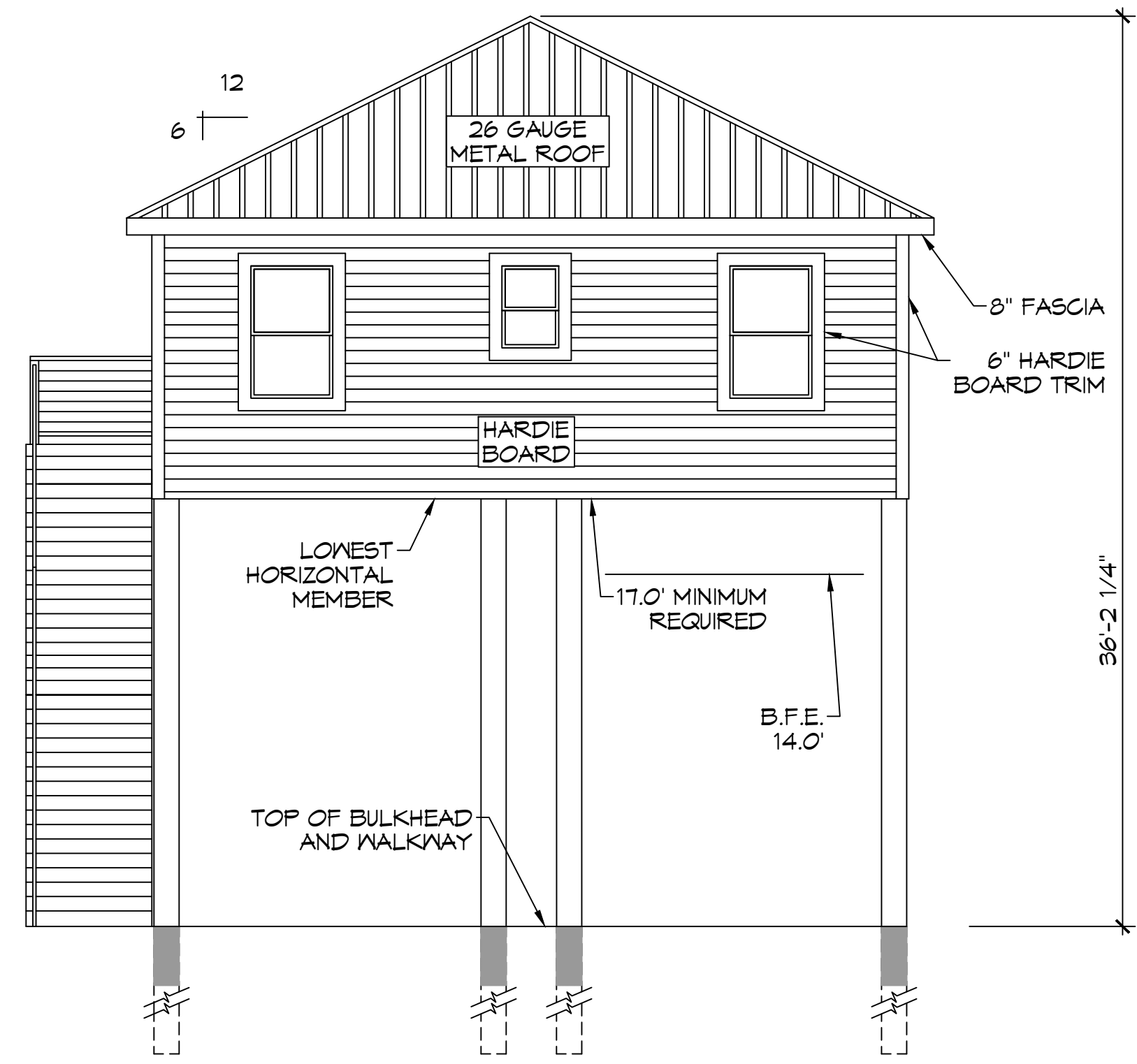
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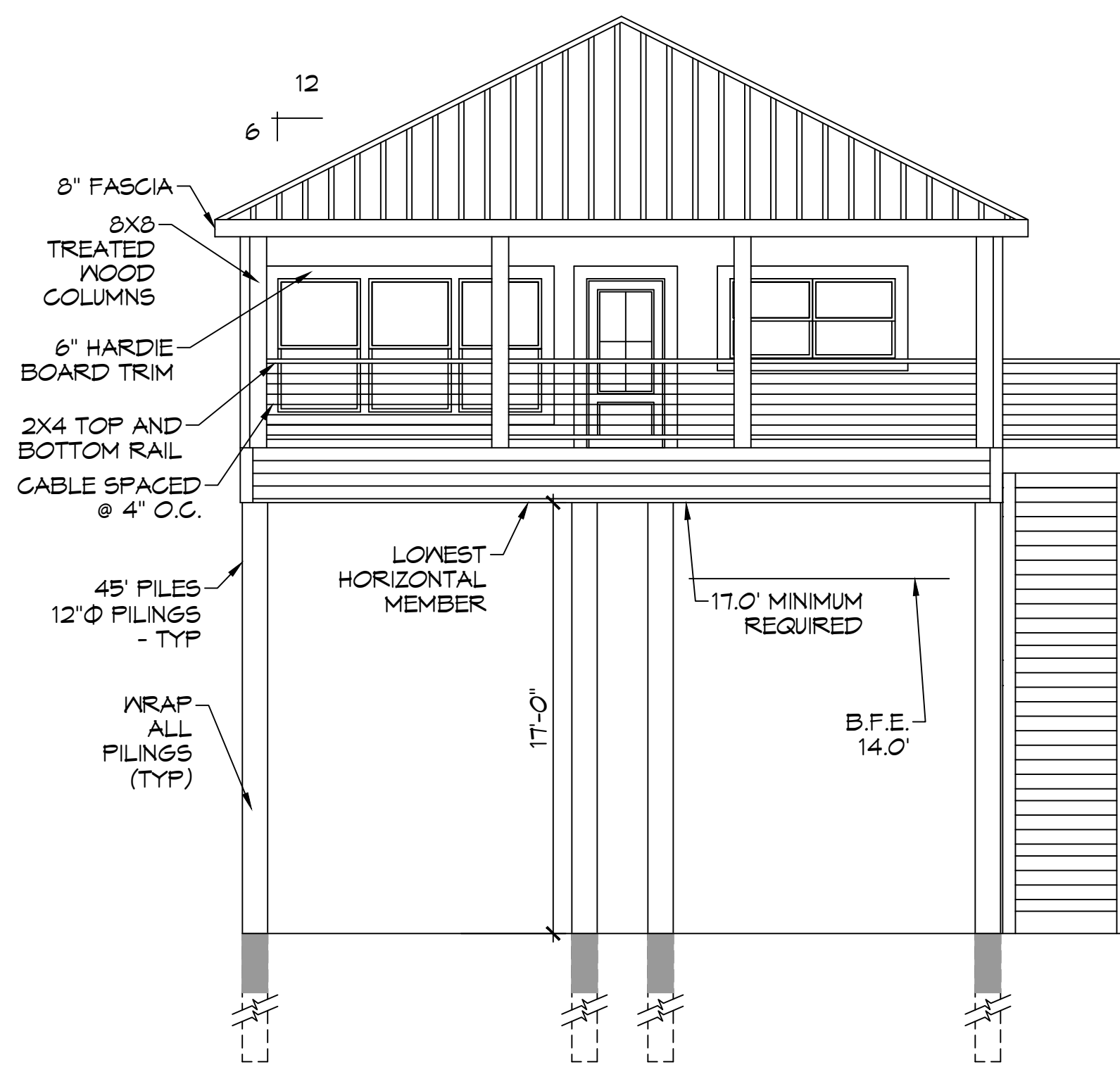


BOAT HOUSE PLAN
ALBERT CUITTO
 LOT 16
 27181 CHEF MENTEUR HWY
 NEW ORLEANS, LOUISIANA 70128
 JOB No: 2024 DATE: 05-02-2024
 DRAWN BY: CKD CHECKED BY: B.A.M.

SHEET TITLE:
FLOOR PLAN
 DRAWING NUMBER:
A101
 SHEET No: 10 of 13

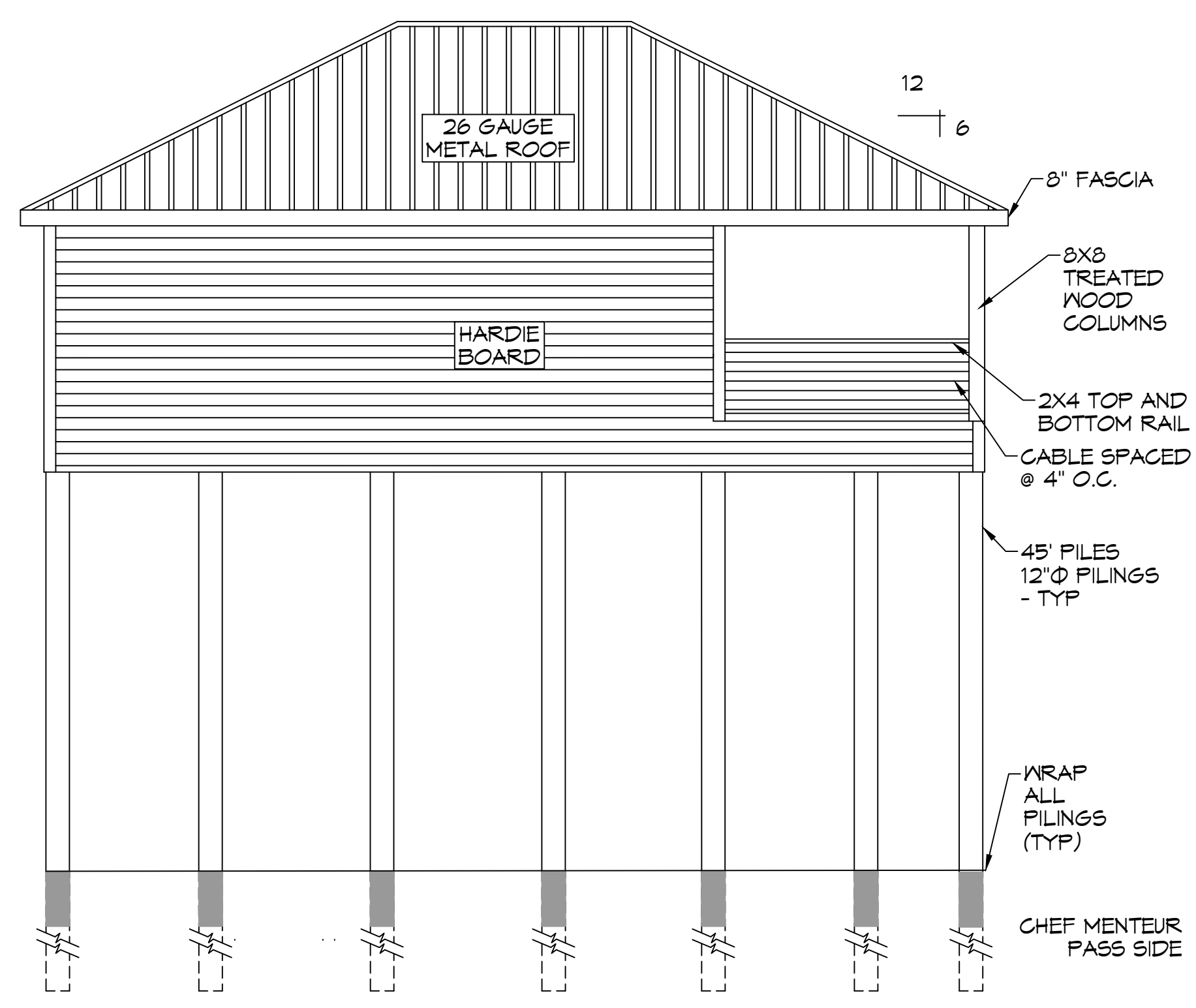


11 FRONT ELEVATION PLAN
SCALE: 3/16" = 1'-0"

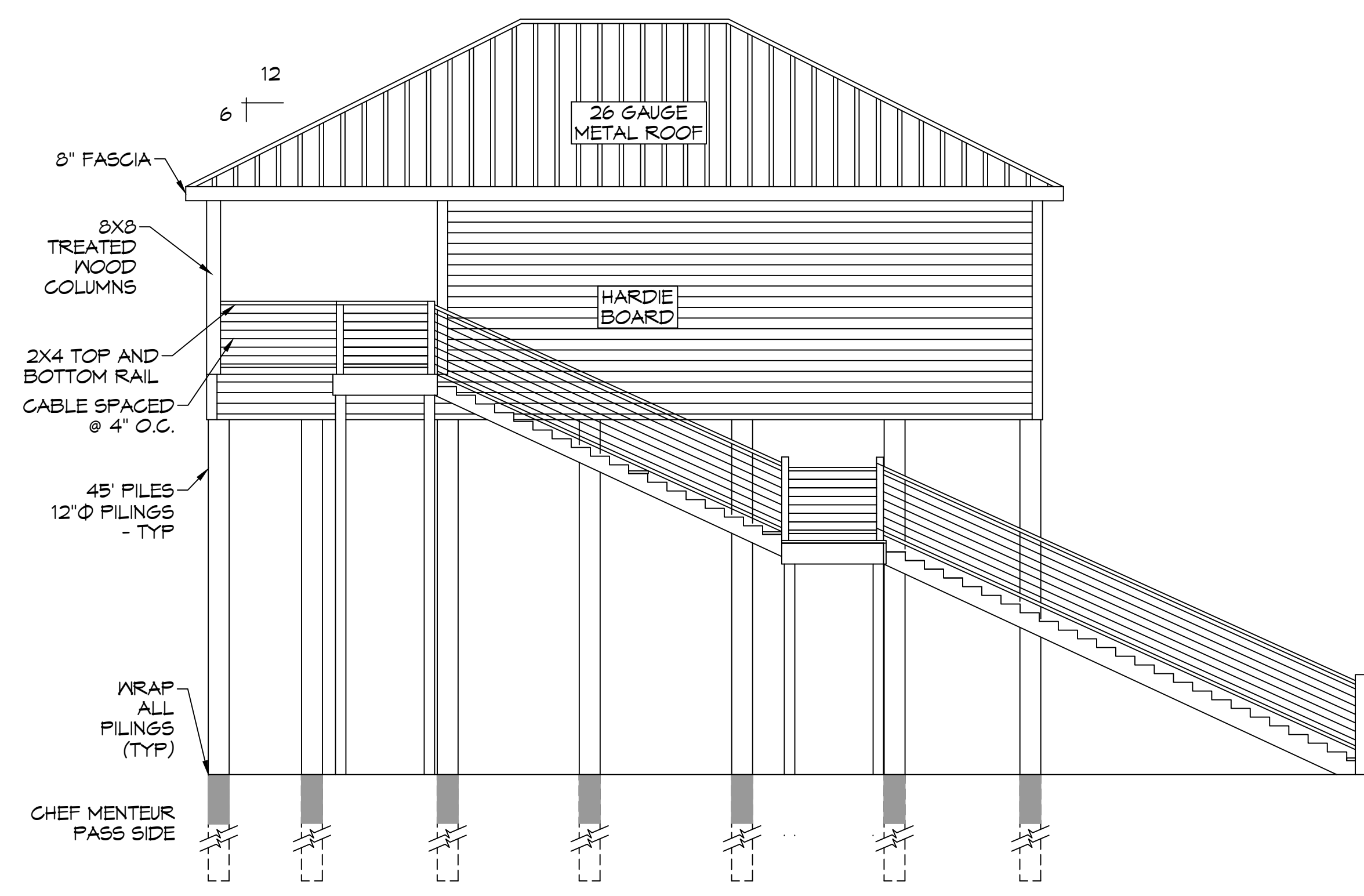


12 REAR ELEVATION PLAN
SCALE: 3/16" = 1'-0"

7" RISER, 11" TREAD
FIELD VERIFY
PRIOR TO
CONSTRUCTION



13 RIGHT ELEVATION PLAN
SCALE: 3/16" = 1'-0"



14 LEFT ELEVATION PLAN
SCALE: 3/16" = 1'-0"

#	DESCRIPTION	DATE



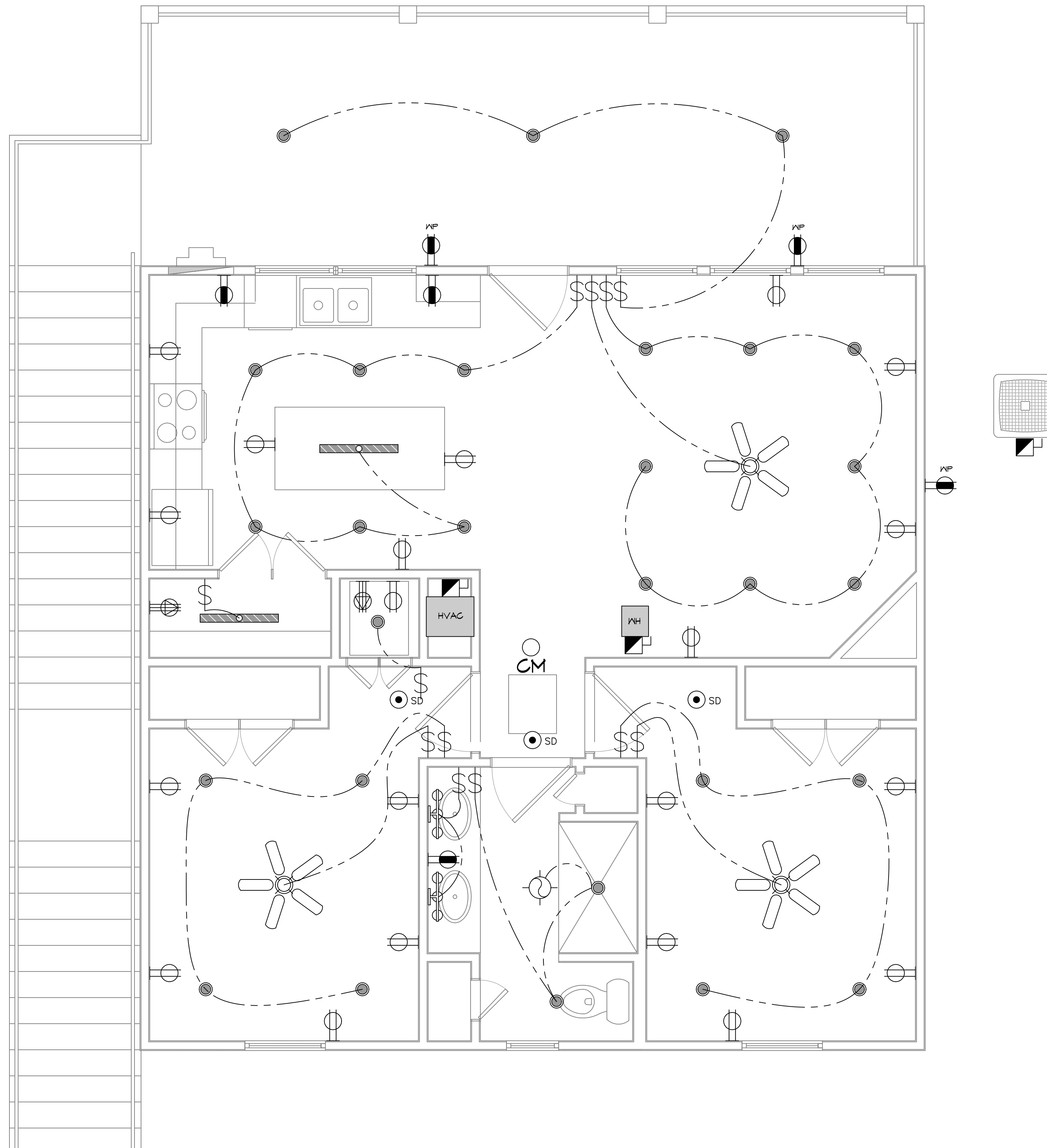
BOAT HOUSE PLAN
ALBERT CUITTO
LOT 16
2781 CHEF MENTEUR HWY
NEW ORLEANS, LOUISIANA 70128
JOB No: 2024 DATE: 08-02-2024
DRAWN BY: CKD CHECKED BY: BAY

SHEET TITLE:
ELEVATION PLAN

DRAWING NUMBER:

A102

FILE NAME: J:_PROJECTS\2024\06\16\2024_06_16_15_2024_2024.rvt
 PLOT DATE: 06/16/2024 15:20:24
 PLOT BY: BMM



18 ELECTRICAL LIGHTING AND POWER PLAN
 SCALE: 3/8" = 1'-0"

GENERAL POWER NOTES

1. ALL ELECTRICAL SHALL BE INSTALLED PER THE 2021 IECC.
2. MAIN FEED INTO HOUSE TO BE TRENCHED UNDERGROUND FROM SUPPLY POLE TO METER THEN MAIN DISCONNECT OUTSIDE.
3. ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
4. ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPT EQUIPPED AND ON A SEPARATE CIRCUIT.
5. ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
6. HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
7. OUTLETS, INCLUDING PHONE AND CABLE, MAY BE ADDED OR CHANGED UPON OWNERS REQUEST.
8. ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
9. INSTALL LIGHTS IN ATTIC SPACE W/ SWITCH AT FOOT OF DISP. STAIRS
10. ELECTRICAL SERVICE TO BE A 42 CIRCUIT 200 AMP MAIN LOCATED IN THE HOUSE.
11. A SUB-PANEL MAY NEED TO BE ADDED FOR ENOUGH CIRCUITS.
12. HOUSE TO BE WIRED FOR A SECURITY SYSTEM.
13. ALL KITCHEN OUTLETS ARE TO BE GFI EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.
14. ARC FAULT BREAKERS ARE TO BE USED IN ALL BEDROOMS.
15. IF GAS FIRED APPLIANCES ARE USED IN HOME, CARBON MONOXIDE ALARMS ARE NEEDED (IRC R315).

PRE-WIRE NOTES

1. TELEPHONE *ONE INCOMING LINE*
2. CABLE VISION *ONE OUTLET PER ROOM MINIMUM*
3. SECURITY SYSTEM: COORDINATE W/ OWNER
4. COORDINATE ELECTRICAL SYSTEM WITH MECHANICAL CONTRACTOR
5. ALL WIRING TO BE COPPER MIN. 12/2 W/ GROUND
6. VERIFY LOCATION OF FLOOR OUTLETS IN FAMILY ROOM
7. PROVIDE 110V OUTLET FOR GARAGE DISPOSAL UNDER KITCHEN SINK
8. PROVIDE 110V OUTLET FOR WHIRLPOOL TUB MOTOR UNDER WHIRLPOOL TUB IN MASTER BATH
9. PROVIDE 220V OUTLET FOR CLOTHES DRYER
10. COORDINATE SURROUND SYSTEM W/ OWNER

LIGHTING LEGEND

- CEILING FIXTURE
- BATHROOM FIXTURE
- CEILING FAN W/ LIGHT FIXTURE
- SMOKE DETECTOR
- ONE WAY SWITCH
- CARBON MONOXIDE DETECTOR

POWER LEGEND

- DUPLEX RECEPTACLE
- GFI DUPLEX RECEPTACLE
- WEATHER-PROOF GFI DUPLEX RECEPTACLE
- 220V DUPLEX RECEPTACLE
- DISCONNECT

ALL ELECTRICAL DRAWINGS ARE DIAGRAMMATICALLY DRAWN FOR CLARITY.

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 Slidell, LA 70458

REVISIONS	DATE



ALBERT CUTITTO
 BOAT HOUSE PLAN
 JOB No: 2024 DATE: 05-02-2024
 DRAWN BY: CXC CHECKED BY: BMM
 LOT 16
 27181 CHIEF MENTEUR HAY
 NEW ORLEANS, LOUISIANA 70124

SHEET TITLE:
 ELECTRICAL LIGHTING & POWER PLAN

DRAWING NUMBER:

E101