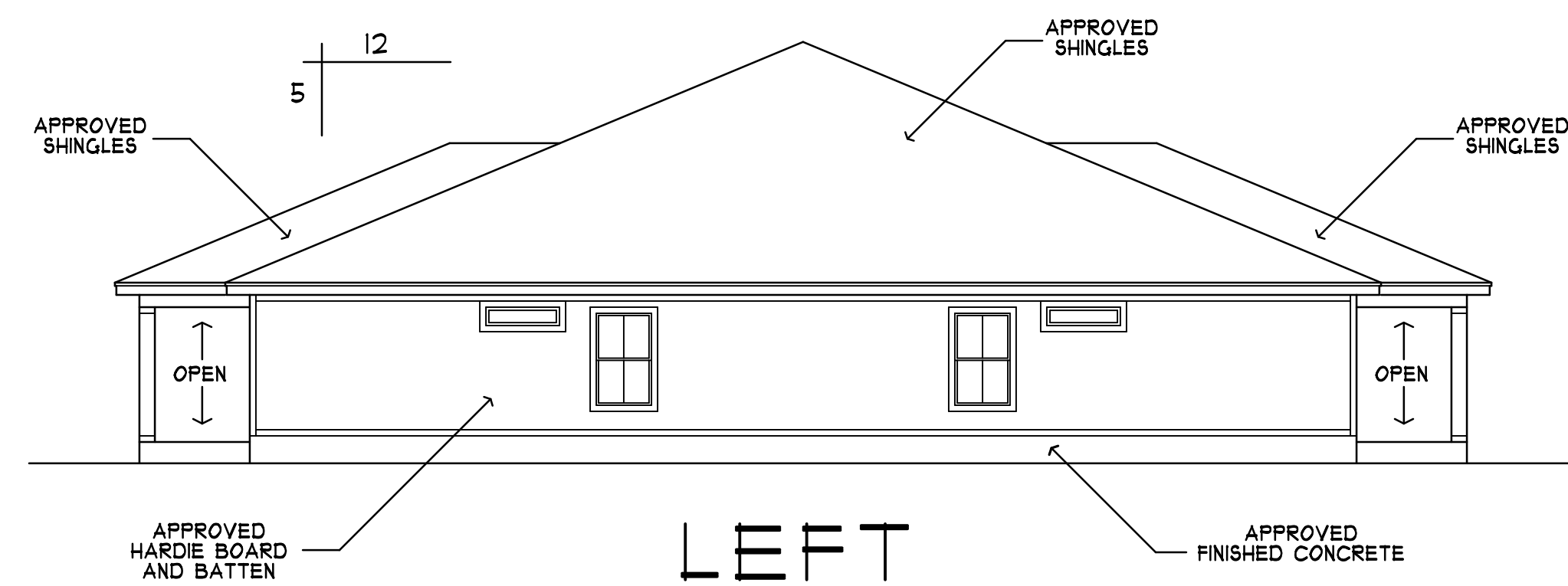


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# FRONT ELEVATION

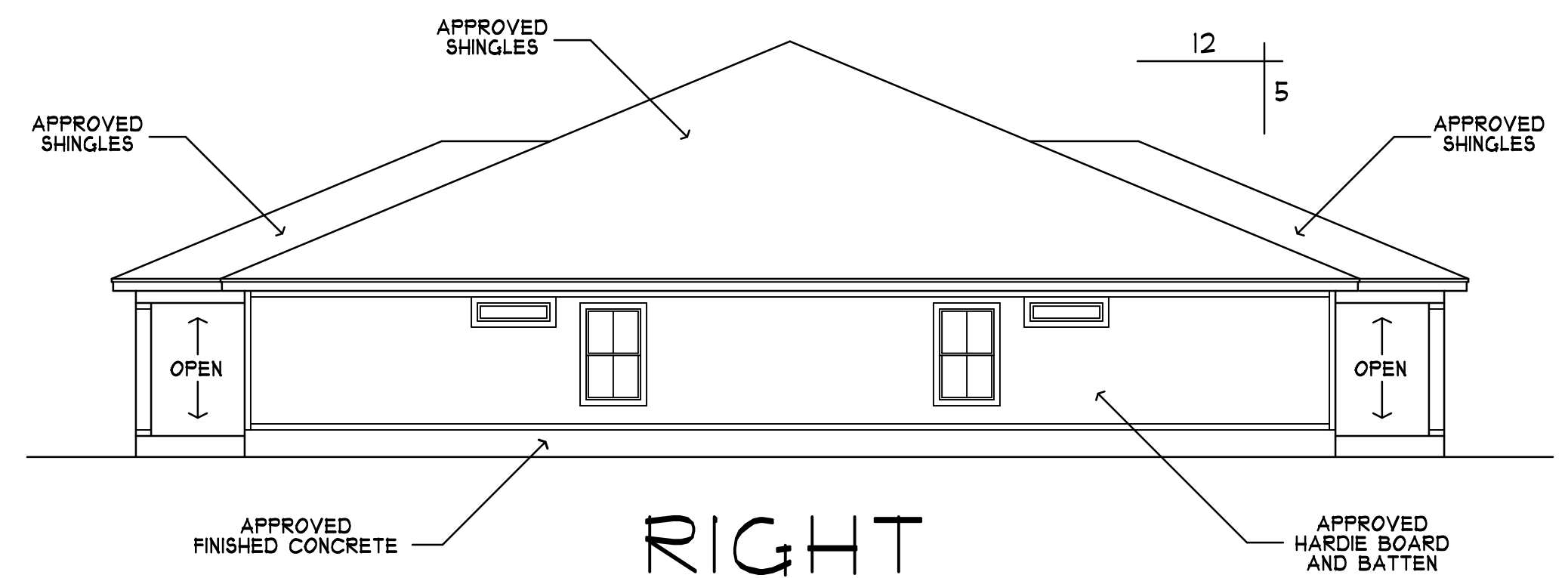
SCALE: 1/4" = 1'-0"



# LEFT

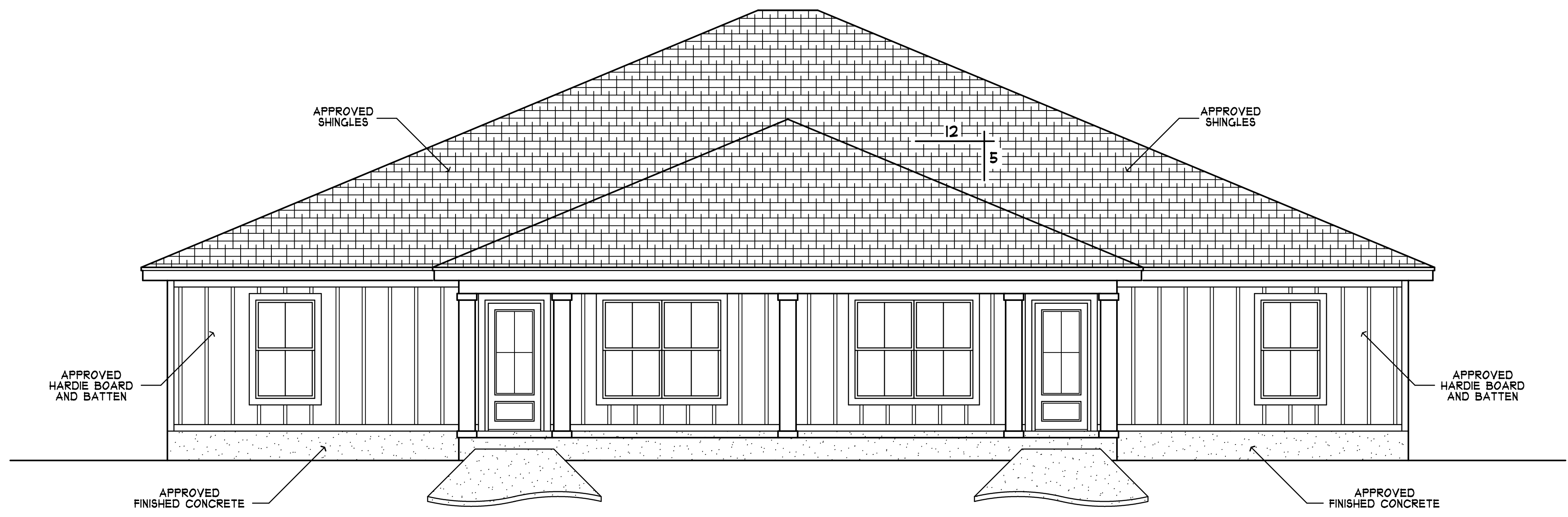
SCALE: 1/8" = 1'-0"

**NOTE:**  
16" OVERHANG TYPICAL VINYL EAVES & SOFFITS  
OPTIONAL HARDIE BOARD



# RIGHT

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



# REAR ELEVATION

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

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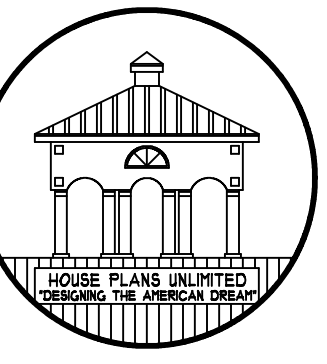
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850-477-8077 EMAIL: HOMEPLANSUNLIMITED@GMAIL.COM

**KHLOPINE**  
4-PLEX PROJECT  
50 FUTTON AVE. #B  
PENSACOLA, FLORIDA

<b>PROJECT INFO:</b>	<b>KHLOPINE</b>
JOB NAME/NO.	24010
CAD FILE NO.	HPU
DRAWN BY:	1/31/2024
DATE:	00/00/00
REVISIONS:	

SHEET # **A1**



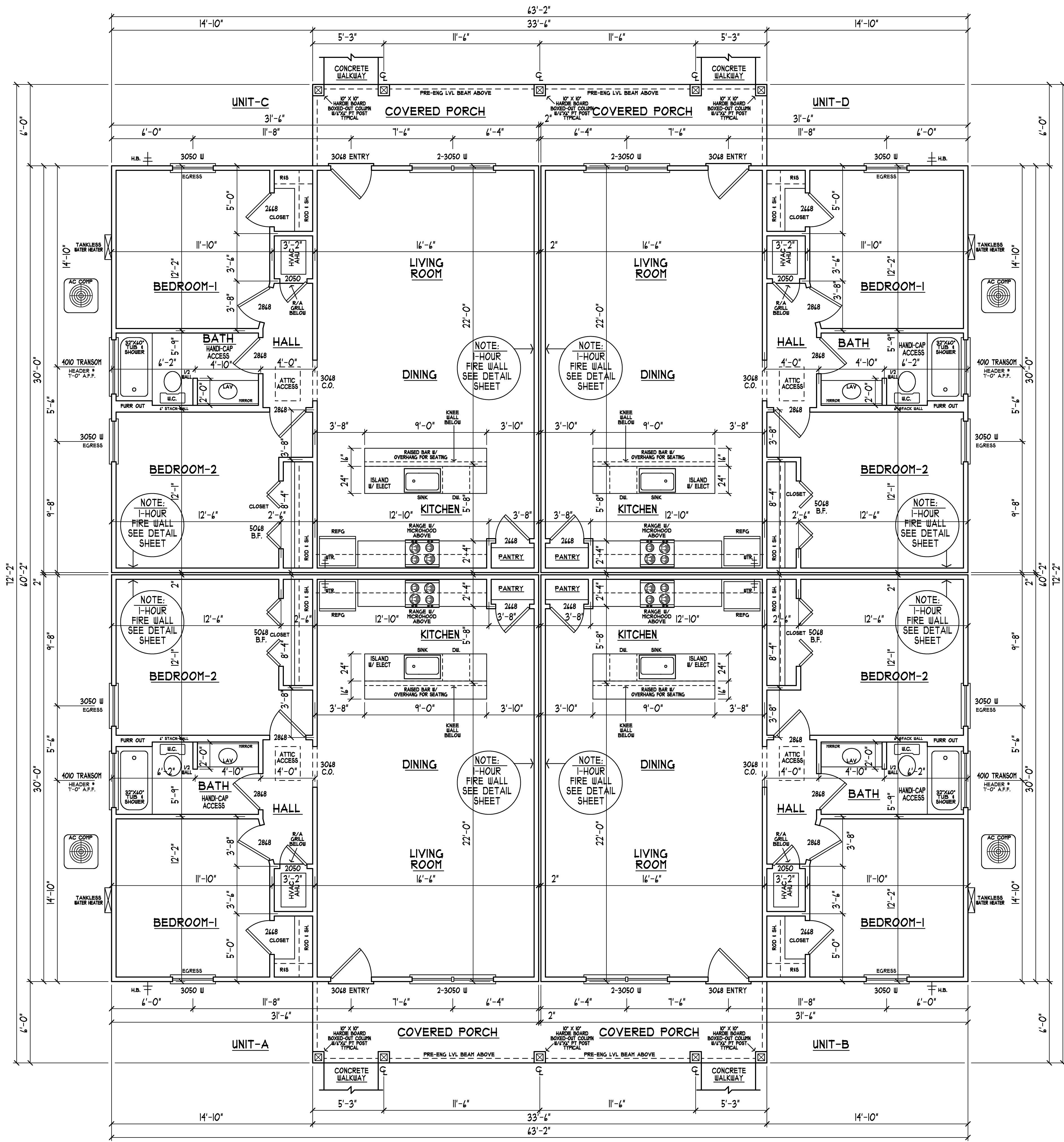
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PROJECT INFO:	
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CAD FILE NO.	24010
DRAWN BY:	HPU
DATE:	1/31/2024
REVISIONS:	00/00/00

SHEET # **A2**



**FLOOR PLAN**

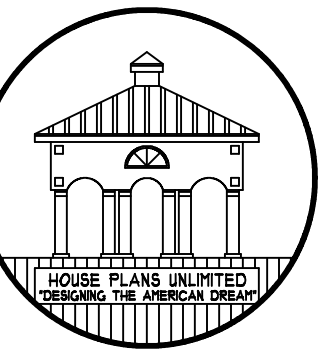
SCALE: 1/4" = 1'-0"

**NOTE:**  
 ALL CEILING HEIGHTS TO BE 8'-0" HIGH UNLESS NOTED OTHERWISE.

AREA CALCULATIONS PER UNIT	
LIVING AREA	945 S.F.
COV'D PORCH	100 S.F.
TOTAL UNDER ROOF	1045 S.F.

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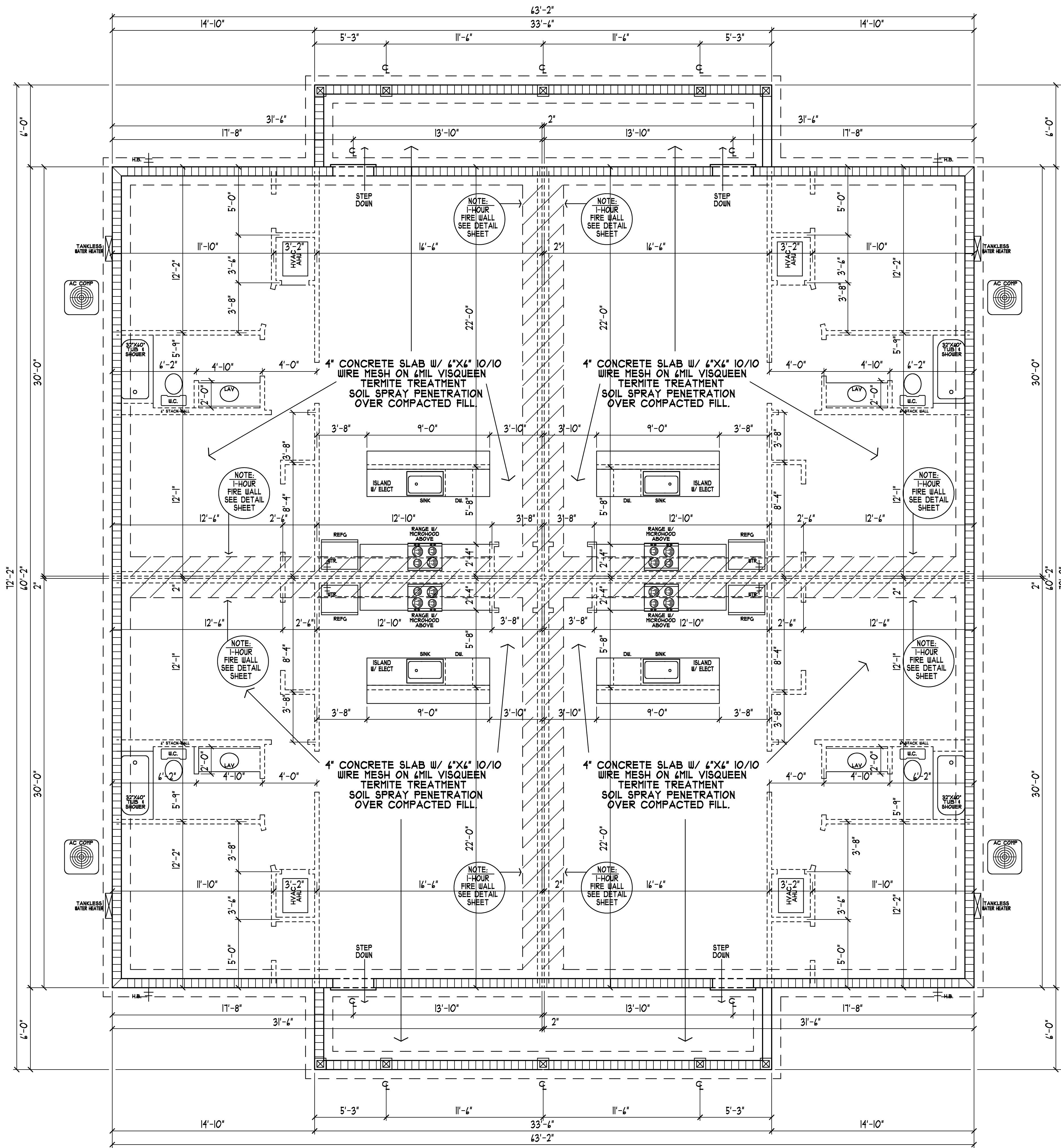
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**KHLOPINE**  
 4-PLEX PROJECT  
 50 FUTON AVE. #B  
 PENSACOLA, FLORIDA

PROJECT INFO:	
JOB NAME/NO.	KHLOPINE
CAD FILE NO.	24010
DRAWN BY:	HPU
DATE:	1/31/2024
REVISIONS:	00/00/00

SHEET # **A3**



**FOUNDATION PLAN**

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

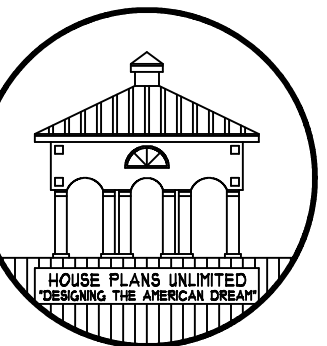
**NOTE:**  
 CONTRACTOR HAS OPTION TO USE ALTERNATIVE APPROVED TERMITE TREATMENTS

**NOTE:**  
 OPTIONAL FIBERMESH IN LEU OF 4"X6" 10/10 WIREMESH SEE CONTRACTOR

**NOTE:**  
 CONTRACTOR TO VERIFY LOAD BEARING WALLS W/ TRUSS MANUFACTURER PRIOR TO CONSTRUCTION

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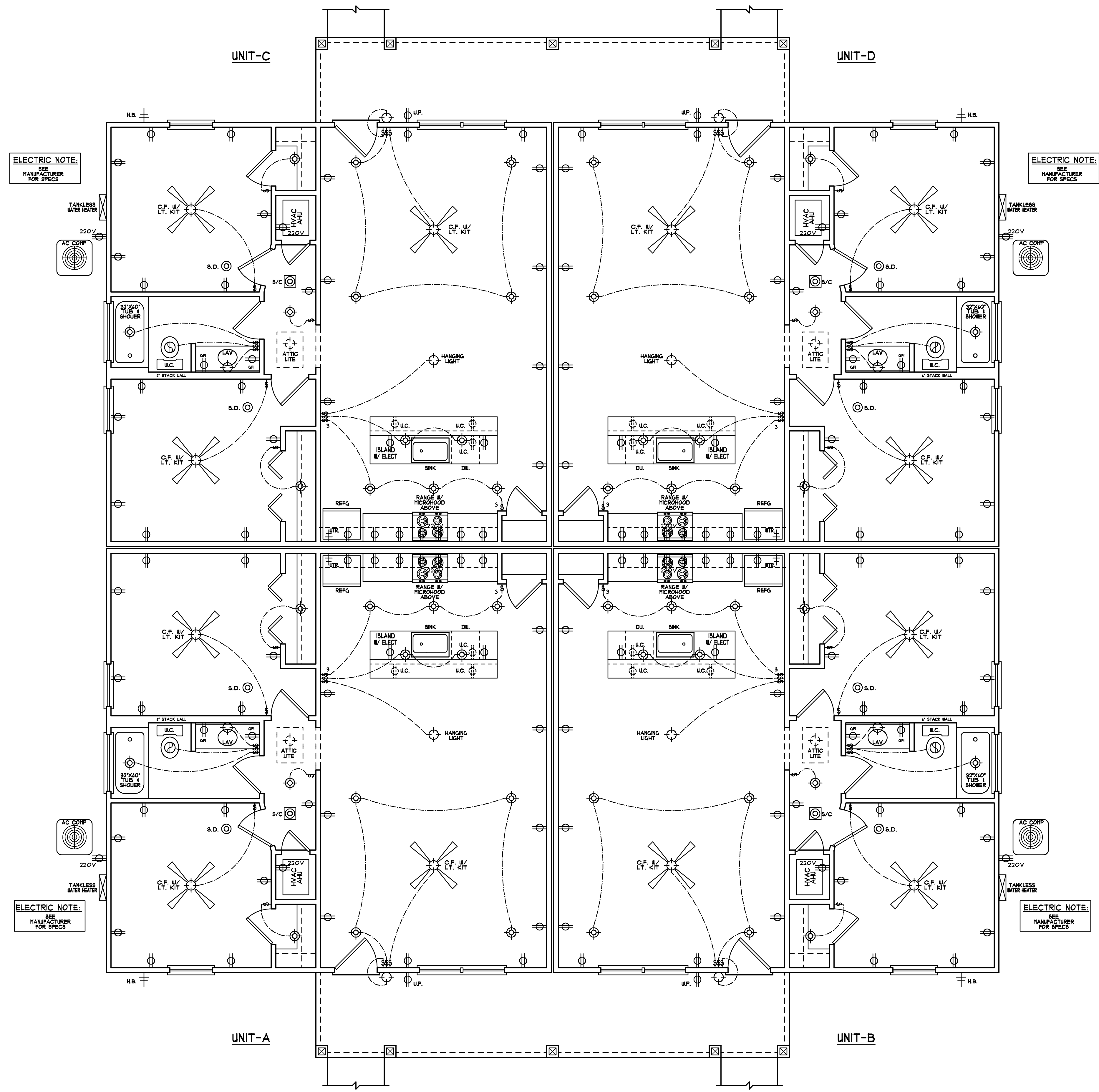
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**PROJECT INFO:**  
 JOB NAME/NO: KHLOPINE  
 CAD FILE NO: 24010  
 DRAWN BY: HPU  
 DATE: 1/31/2024  
 REVISIONS: 00/00/00

**SHEET #**  
**A4**



**ELECTRIC NOTE:**  
 SEE MANUFACTURER FOR SPECS

**ELECTRIC NOTE:**  
 SEE MANUFACTURER FOR SPECS

**ELECTRIC NOTE:**  
 SEE MANUFACTURER FOR SPECS

**ELECTRIC NOTE:**  
 SEE MANUFACTURER FOR SPECS

**ELECTRICAL LEGEND**

	CEILING FAN W/ DUAL POLE + LITE KIT
	WATERPROOF RECEPTACLE
	SMOKE DETECTOR
	SMOKE/CARBON MONOXIDE DETECTOR COMBO
	LITE SWITCH
	SPEAKER
	EXHAUST FAN
	220 VOLT RECEPTACLE
	DOORBELL
	TELEPHONE
	RECESSED LITE
	110 VOLT RECEPTACLE
	GROUND FAULT INDICATOR
	CEILING MOUNT LITE
	WALL MOUNT LITE
	3-WAY LITE SWITCH
	48" FLUORESCENT LITE
	TELEVISION-CABLE

**NOTES:**

SMOKE DETECTORS TO BE INSTALLED IN EACH BEDROOM AND MAIN HALLWAY. SMOKE DETECTORS TO BE HARDWIRED, INTERCONNECTED AND HAVE BATTERY BACK-UP.

CARBON MONOXIDE DETECTORS TO BE INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES (SEE ELECTRICAL PLAN).

C/1 DETECTS. TO BE HARDWIRED, INTERCONNECTED AND HAVE BATTERY BACK-UP. COMBINATION SMOKE/CARBON MONOXIDE ALARMS SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

ELECTRICAL DIAGRAM IS SUGGESTIVE ONLY-CONSULT OWNERS FOR FURTHER INFORMATION ON TYPE/NUMBER AND LOCATION OF ALL ELECTRICAL RELATED UNITS.

EXACT DUCT AND VENT SIZES AND LOCATIONS TO BE DETERMINED BY HEATING CONTRACTOR PRIOR TO CONSTRUCTION.

AIR UNIT SIZES, TYPE AND ZONING AREAS TO BE DETERMINED BY HEATING CONTRACTOR.

SERVICE POINT OF ATTACHMENT SHALL BE EXPOSED 18" FOR DRIP LEG.

ALL CONNECTIONS IN SERVICE PANEL SHALL BE TIGHT.

SERVICE PANEL SHALL BE GROUNDED.

ALL CIRCUITS IN SERVICE PANEL SHALL BE LABELED.

ALL KITCHEN OUTLETS TO BE GFI TYPE

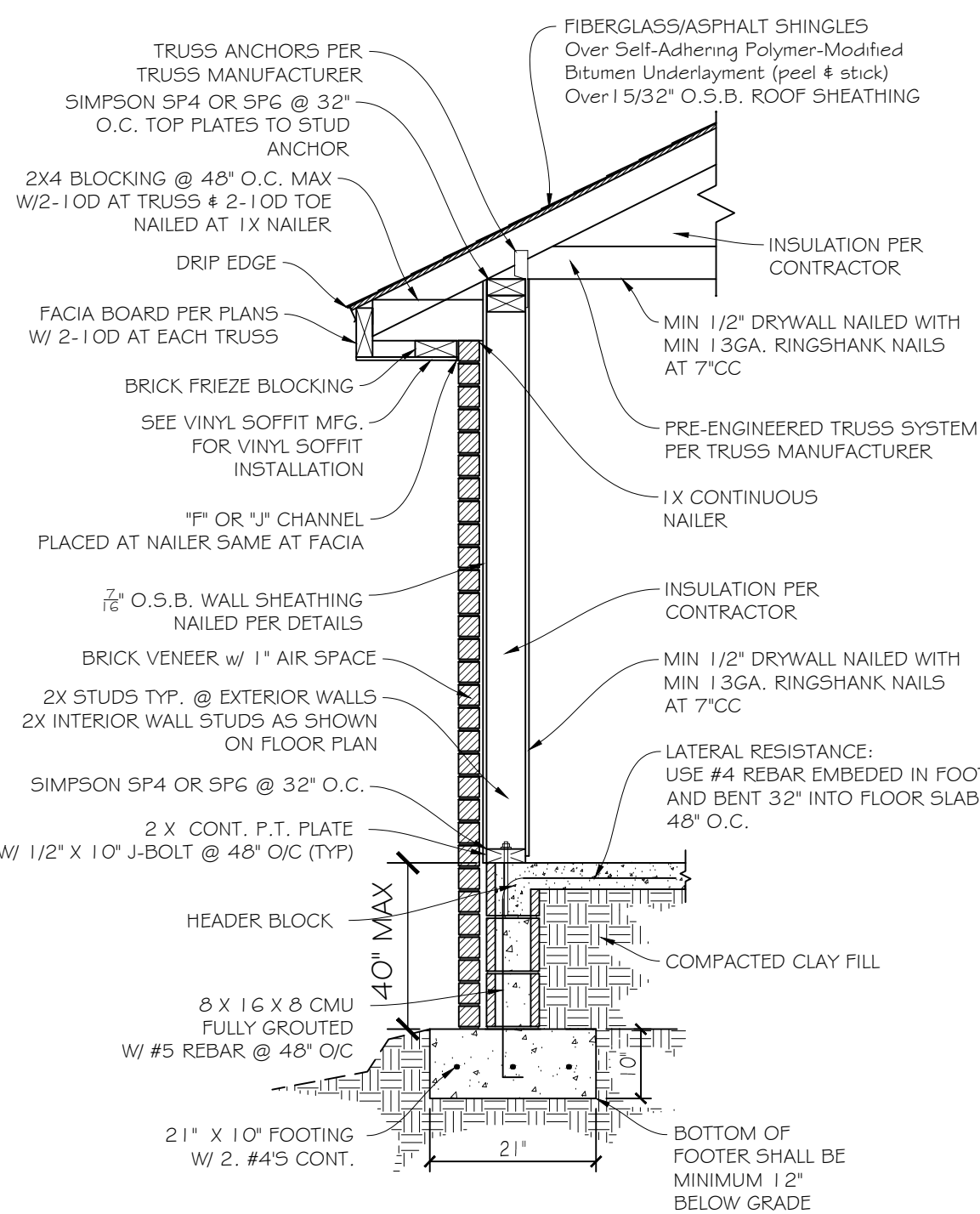
SEE OWNER OR CONTRACTOR FOR CABLE AND PHONE JACK LOCATIONS.

**ELECTRICAL PLAN**

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

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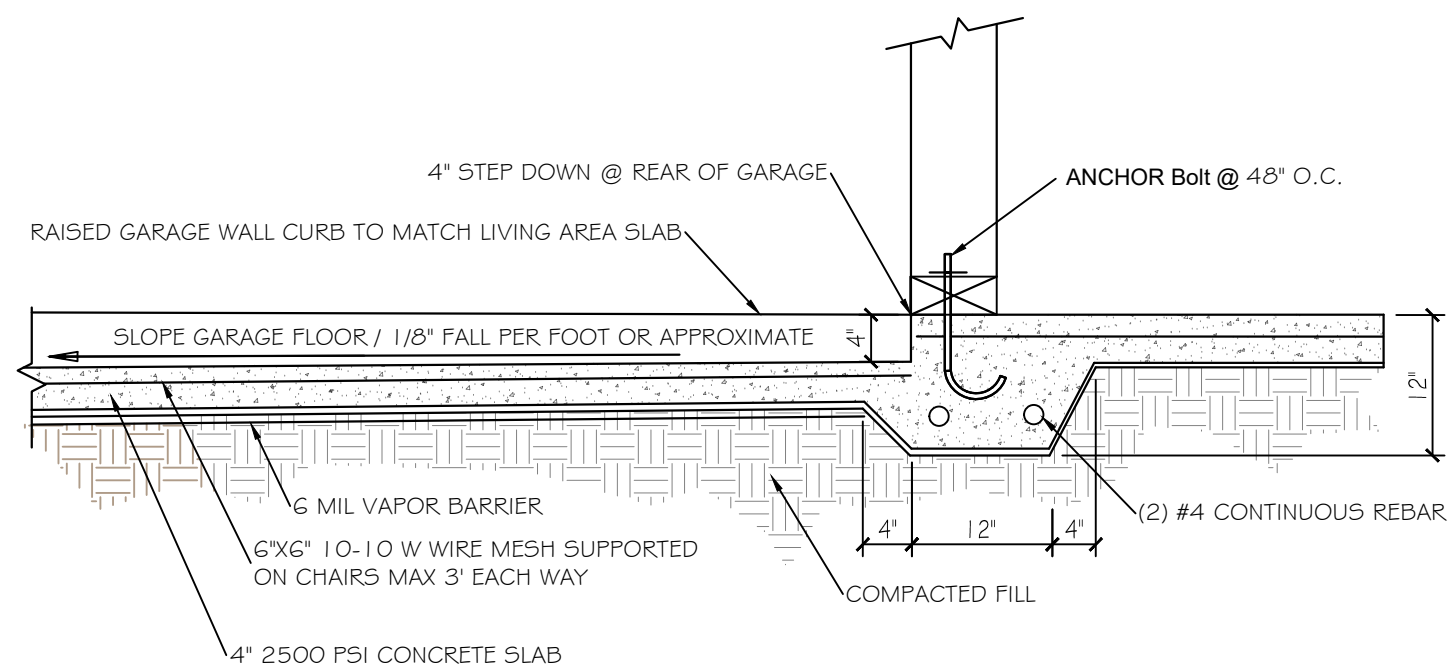
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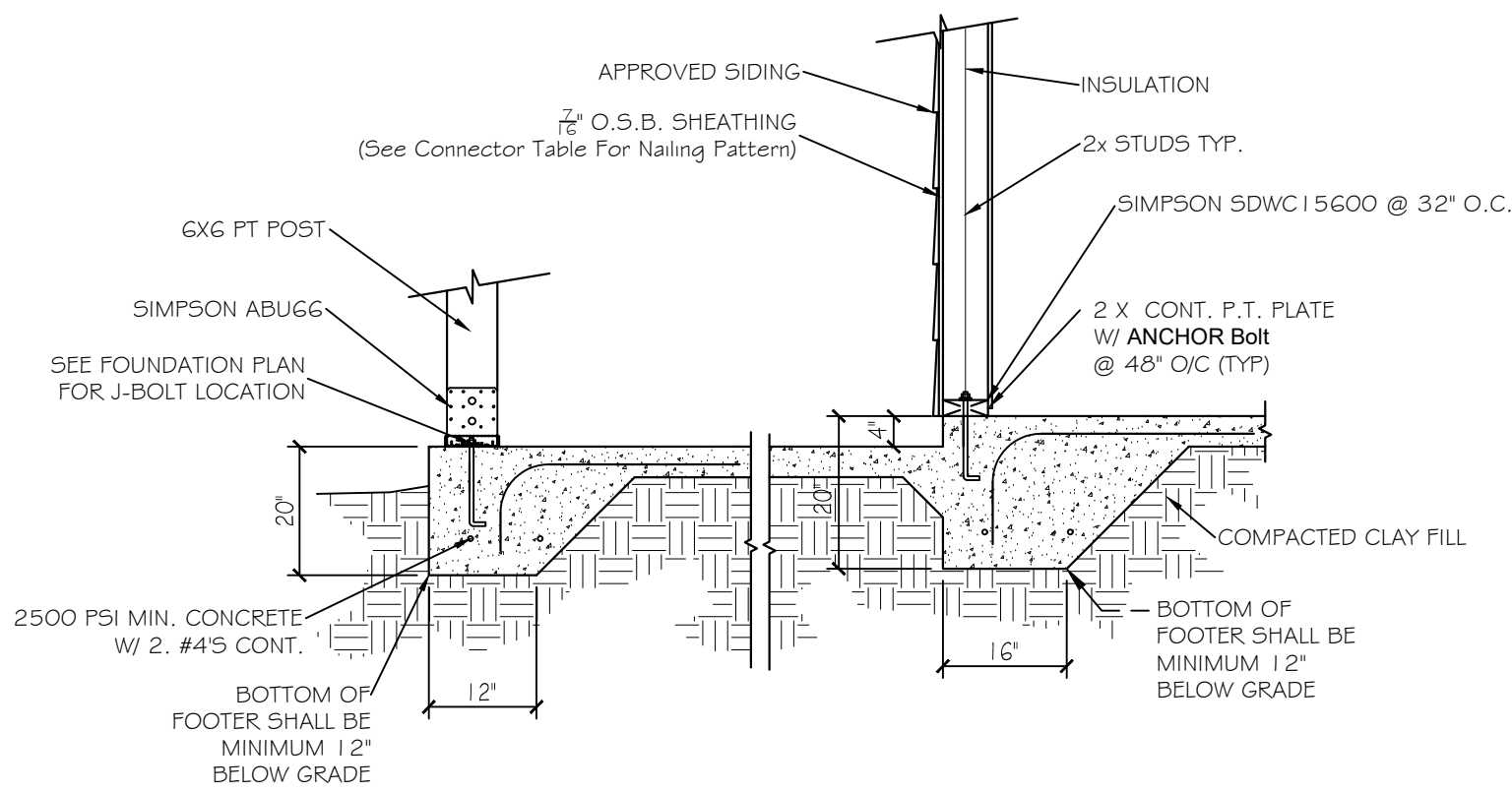
DETAIL NOTE:  
 (1) SIMPSON ANCHORS AT STUD TO BOTTOM PLATE AND STUD TO TOP PLATES MAY BE ELIMINATED WHEN USING SIMPSON SDWC15600 SCREWS (SEE DETAIL BB & CC).  
 (2) WINDSTORM SHEATHING INSTALLED PER DETAIL DD ELIMINATES THE REQUIREMENT OF STUD TO PLATE ANCHORS AND HEADER ANCHORS.

THIS DETAIL IS REFERENCING BOTH SIMPSON SP4S AND SP6S. SIMPSON SP4 SHALL BE USED AT 2X4 BEARING STUD WALLS AND SIMPSON SP6 SHALL BE USED AT 2X6 BEARING STUD WALLS.

HOUSE WALL SECTION NOT TO SCALE



HOUSE/GARAGE WALL SECTION NOT TO SCALE

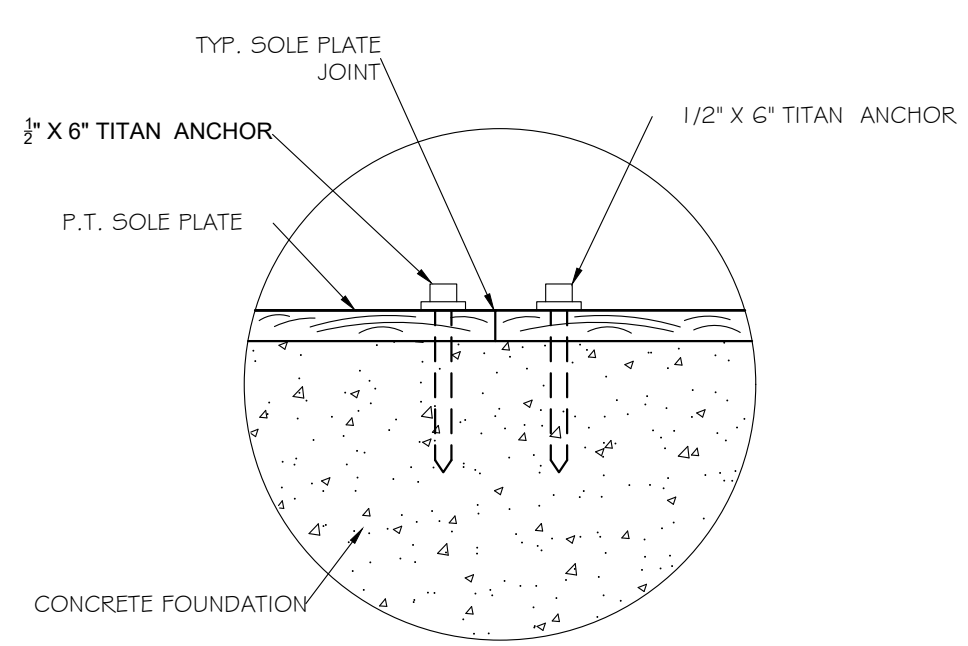


WALL SECTION AT HOUSE/PORCH NOT TO SCALE

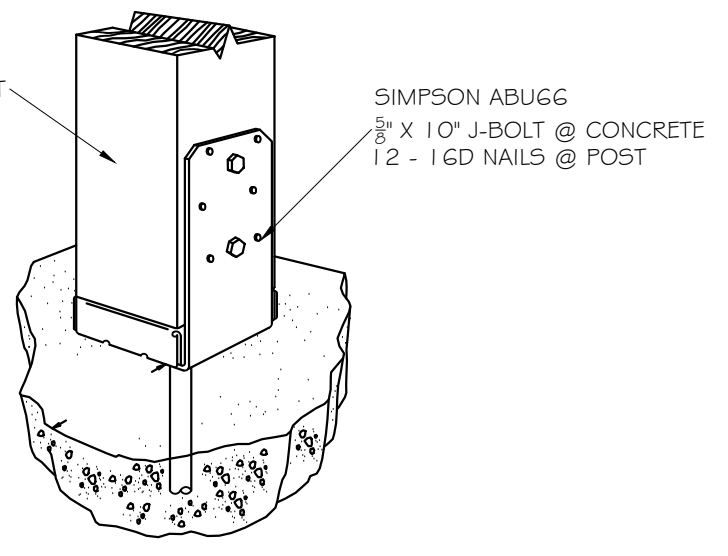
SLAB REINFORCING NOTE - AT THE BUILDERS OPTION, HE MAY INSTALL ANY OR ALL OF THE FOLLOWING IN THE SLAB FOR CRACK CONTROL:  
 1 - 6X6 10/10 W/MF  
 2 - FIBERMESH  
 3 - #3 REBAR AT 60\"/>

- GENERAL NOTES -
- 1 - WORST CASE LOADING ASSUMED IN ALL LOCATIONS TO SIZE ALL CONNECTORS
  - 2 - DRAWINGS AND DETAILS ON THIS SHEET NOT TO SCALE, AND ARE ISOMETRIC ONLY. SEE CONNECTOR DETAIL FOR ACTUAL DETAILS OF EACH CONNECTOR.
  - 3 - IF EXTERIOR SHEATHING IS USED TO RESIST UPLIFT LOADS, IT MAY BE INSTALLED EITHER VERTICALLY OR HORIZONTALLY AS LONG AS SHEATHING COVERS TOPPLATES AND BOTTOM PLATE. ALL JOINTS IN THE REQUIRED SHEARWALL SEGMENTS TO BE BLOCKED WITH 2 X 4 FULL DEPTH BLOCKING.
  - 4 - MONOLITHIC FOOTINGS TO BE DESIGNED FOR BOTTOM OF FOOTING TO BE MIN 12\"/>

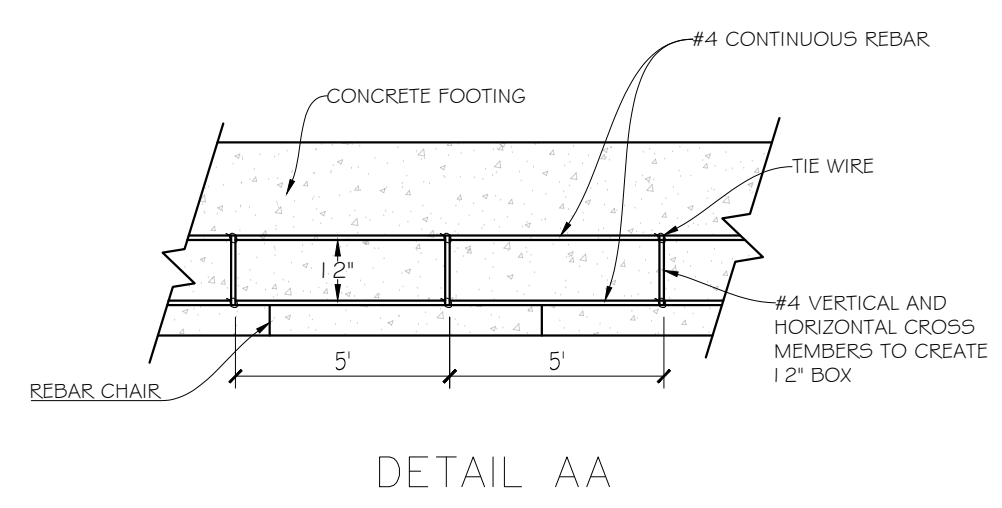
GENERAL NOTES NOT TO SCALE



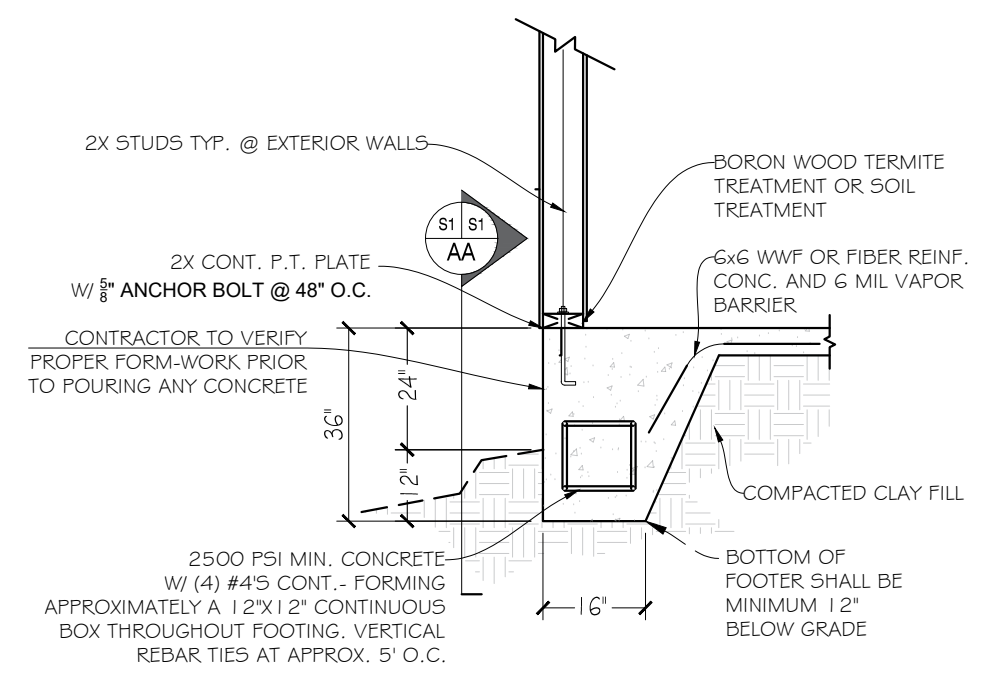
ANCHOR @ SOLE PLATE JOINTS NOT TO SCALE



POST ANCHOR DETAIL NOT TO SCALE



DETAIL AA



MONOLITHIC DETAIL (36\"/>

STRUCTURAL WOOD AND SHEAR

Description	Species	Size	Spacing
WALL STUDS	2x4XL OR 2x6XL SPF STUD #2 (SEE FLOORPLAN)	2x4XL OR 2x6 SPF STUD #2 (SEE FLOORPLAN)	16\"/>
WALL SHEATHING FOR SHEAR	MINIMUM 7/16 OSB	8d NAILS	3\"/>
ROOF SHEATHING FOR SHEAR	MINIMUM 15/32 OSB	8d RINGSHANK NAILS	3\"/>
MINIMUM SHEARWALL REQUIRED	Completely Wrap Exterior and Nail as Indicated	Completely Wrap Exterior	Completely Wrap Exterior
INTERIOR SHEARWALL REQUIRED			
DOUBLE TOP PLATE (Dragstrut)	Dbl 2x4XL OR 2x6XL SPF #2 (SEE FLOORPLAN)	16d Common	12\"/>
NOTE:	Nail Sheathing Edges at 3\"/>		

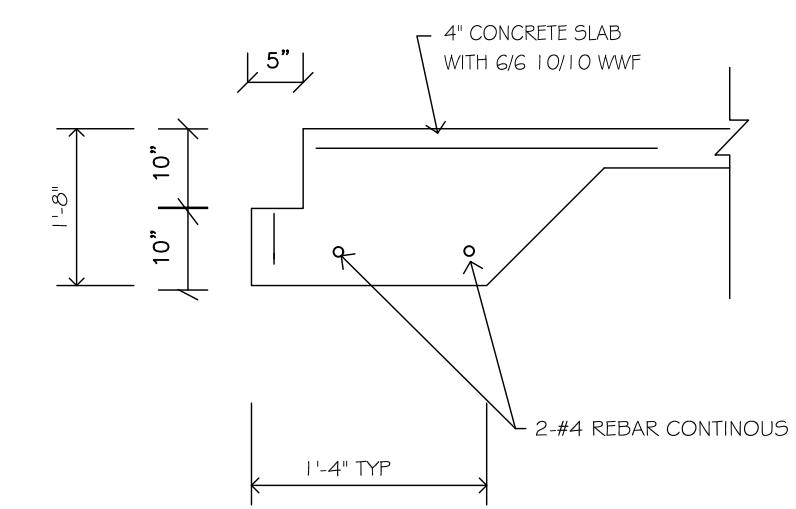
WOOD TO CONCRETE CONNECTIONS

Description	Anchor	Washer Size	Anchor Spacing
ANCHOR BOLT, TYP	Min 1/2\"/>		
ANCHOR BOLTS @ CORNERS	Min 1/2\"/>		
PORCH POST/COLUMN TO FOUNDATION (REAR)	ABU66	(12) .162"x3 1/2\"/>	
PORCH POST/COLUMN TO FOUNDATION (FRONT)	ABU66	(12) .162"x3 1/2\"/>	

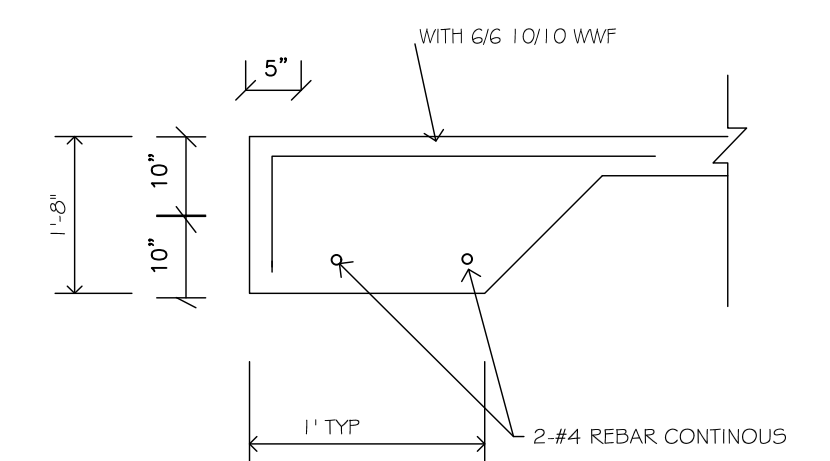
UPLIFT CONNECTORS

Description	Fastener Type	Nail Size	Fastener Spacing
STUD TO TOP PLATE	Simpson SP4 FOR 2X4 WALLS & SP6 FOR 2X6 WALLS	(3)-10d Nails Each Side of Strap	32\"/>
STUD TO BOTTOM PLATE	Simpson SP4 FOR 2X4 WALLS & SP6 FOR 2X6 WALLS	(3)-10d Nails Each Side of Strap	32\"/>
ROOF TRUSSES / END ZONE	Simpson H2.5A (2 each)	(5) .131"x1 1/2\"/>	
ROOF TRUSSES / INTERIOR ZONE	Simpson H2.5A (2 each)	(5) .131"x1 1/2\"/>	
HEADER STUDS TO BOTTOM PLATE	Simpson SP4 FOR 2X4 WALLS & SP6 FOR 2X6 WALLS	(3)-10d Nails Each Side of Strap	Each Side
PORCH COLUMNS TO BEAM AT TOP (REAR)	Simpson LSTA18 (2 each)	(7) .148"x2 1/2\"/>	
PORCH COLUMNS TO BEAM AT TOP (FRONT)	Simpson LSTA18 (2 each)	(7) .148"x2 1/2\"/>	
GARAGE OPENING HEADER	Simpson MSTI36 (See Detail) (2 Each)	(36) .148"x1 1/2\"/>	
HEADER TO STUDS	Simpson LSTA18	(14) 10d Nails	(8)- 1st FL Studs (8)- 2nd FL Studs
GARAGE OPENING @ FOUNDATION	Simpson STHD14 (See Detail)	(22) .148"x3 1/4\"/>	

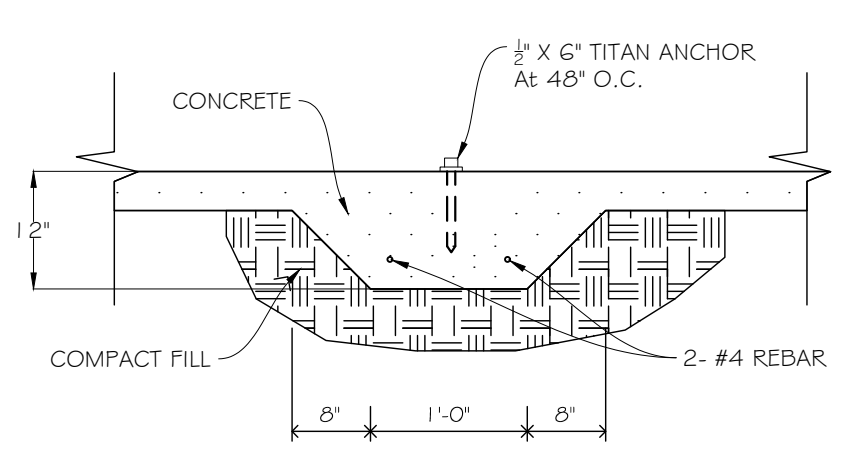
All Exterior Glazed Openings Shall Be Protected From Wind Borne Debris As Per Section 1609.1.2 Of The 2023 FBC, Residential 8th Edition  
 #1 SIMPSON ANCHORS AT STUD TO BOTTOM PLATE AND STUD TO TOP PLATES MAY BE ELIMINATED WHEN USING SIMPSON SDWC15600 & SDWC15450 SCREWS (SEE DETAIL BB & CC)  
 #2 WINDSTORM SHEATHING INSTALLED PER DETAIL DD ELIMINATES THE REQUIREMENT OF STUD TO PLATE ANCHORS AND HEADER ANCHORS.



MONOLITHIC FOOTING/ BRICK LEDGE FOR BRICK VENEER APPLICATIONS

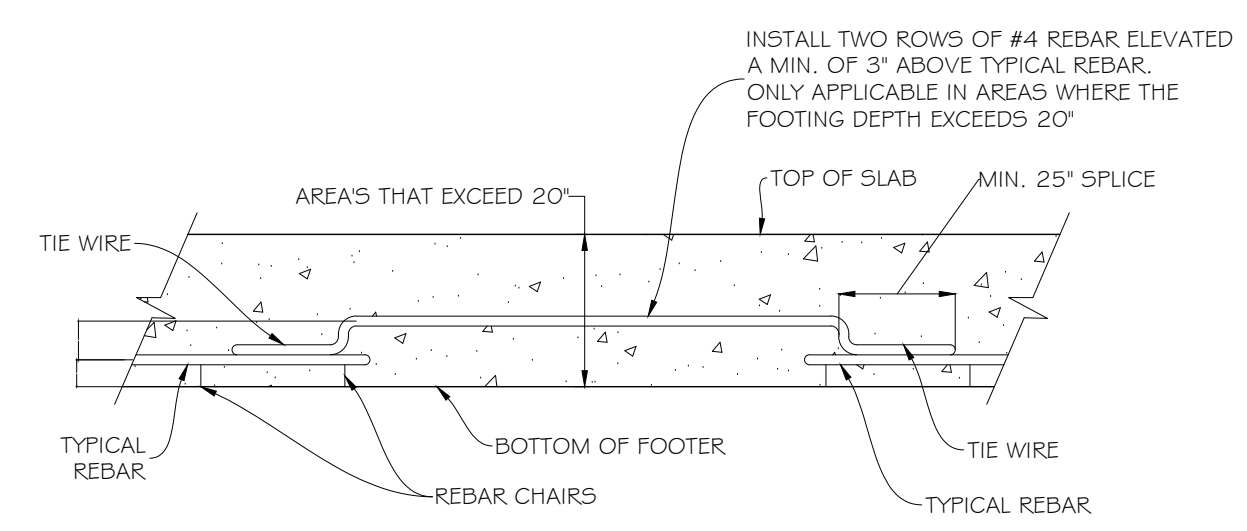


MONOLITHIC FOOTING FOR SIDING APPLICATIONS



DETAIL THICKENED SLAB

NOTE:  
 BOTTOM OF FOOTER SHALL BE 12\"/>



MONOLITHIC FOOTING / REBAR APPLICABLE WHEN FOOTING DEPTH EXCEEDS 20\"/>

Basic Building Structural Information

Floor & Roof Live Loads (R-3 • Single-Family Dwellings)

Attics:	20 psf w/ storage, 10 psf w/o storage
Habitable Attics, Bedroom:	30 psf
All Other Rooms:	40 psf
Garage:	40 psf
Roofs:	20 psf

(Balcony and Deck live loads are 150% of the adjacent space served.)

Wind Design Data

Ultimate Wind Speed:	159 mph	Nominal Wind Speed:	124 mph
Risk Category:	II	Wind Exposure:	B
Enclosure Classification:	Enclosed	End Zone Width (a):	4.00 ft.
Internal Pressure Coefficient:	0.18	Roof Geometry:	Gable
Roof Slope:	6.0 in 12 (26.6°)	Mean Roof Height:	30 ft.

(The Ultimate Wind speed was used to determine the Component and Cladding design pressures.)  
 (This Building is in a Wind-Borne Debris Region, and all exterior glazed openings shall be protected from wind-borne debris.)

Components and Cladding

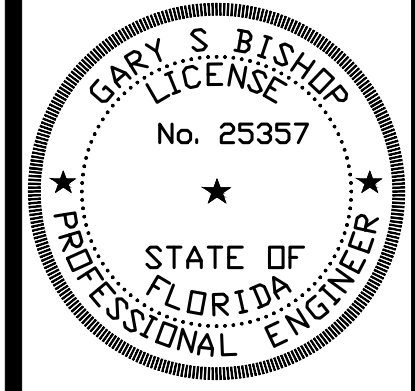
Roof Zone 1:	+26.9 psf max., -63.2 psf min.
Roof Zone 2c:	+26.9 psf max., -63.2 psf min.
Roof Zone 2n:	+26.9 psf max., -100.8 psf min.
Roof Zone 2r:	+26.9 psf max., -100.8 psf min.
Roof Zone 3c:	+26.9 psf max., -100.8 psf min.
Roof Zone 3r:	+26.9 psf max., -129.9 psf min.
Overhang at Roof Zone 1:	-75.3 psf min.
Overhang at Roof Zone 2c:	-75.3 psf min.
Overhang at Roof Zone 2n:	-112.8 psf min.
Overhang at Roof Zone 2r:	-112.8 psf min.
Overhang at Roof Zone 3c:	-135.4 psf min.
Overhang at Roof Zone 3r:	-156.8 psf min.
Wall Zone 4:	+44.4 psf max., -48.2 psf min.
Wall Zone 5:	+44.4 psf max., -59.5 psf min.
9' X 7' Garage Door:	+39.2 psf max., -45.1 psf min.
10' X 7' Garage Door:	+39.5 psf max., -43.2 psf min.
16' X 7' Garage Door:	+37.8 psf max., -42.3 psf min.

Design Soil Bearing Capacity: 1,500 psf

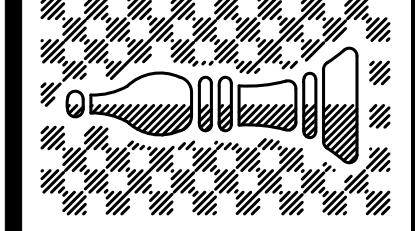
I CERTIFY THAT THIS STRUCTURE WAS DESIGNED FOR 159 ULTIMATE WIND SPEED IN ACCORDANCE WITH ASCE 7-22 AS REQUIRED BY 2023 FLORIDA BUILDING CODE, 8TH EDITION

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		



**GARY S. BISHOP, P.E.**  
 CONSULTING ENGINEERING  
 6010 JAMESON CIRCLE PACE, FL 32571  
 PHONE: (850) 712-7618  
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**PROJECT: KHLOPINE**  
**50 FULTON AVE #B**  
**PENSACOLA FL 32503**

PROJECT INFORMATION

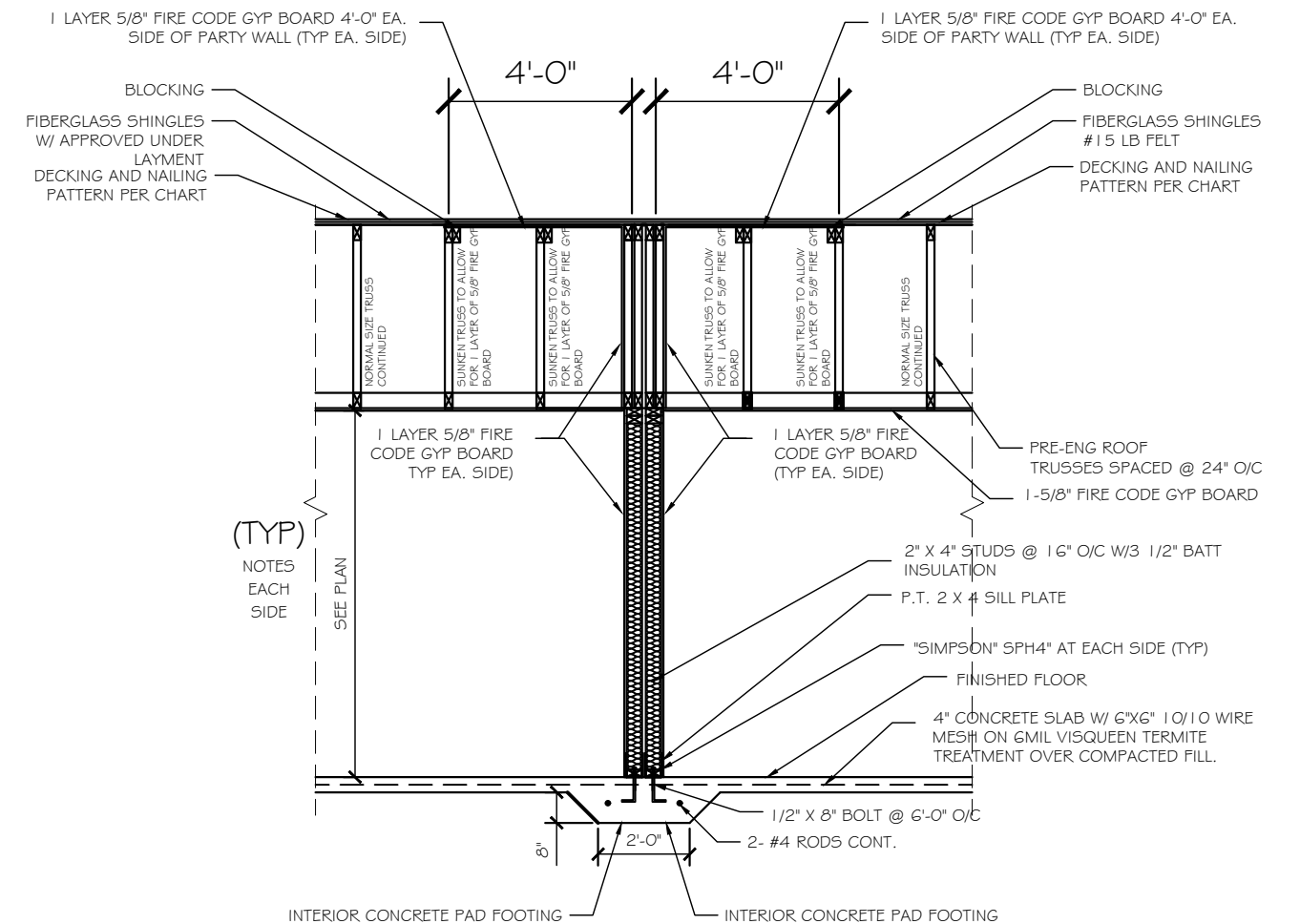
DRAWN BY: GSB	DESIGNED BY: GSB	CHECKED BY: GSB
FEBRUARY 21, 2024	SCALE: AS NOTED	
PROJECT NO:	FILE NO:	SHEET NO: 1

NOTE:  
ALL FLASHING PENETRATION TO FIREWALL TO BE CHALKED WITH U.L. LISTED FIRE CHALKING

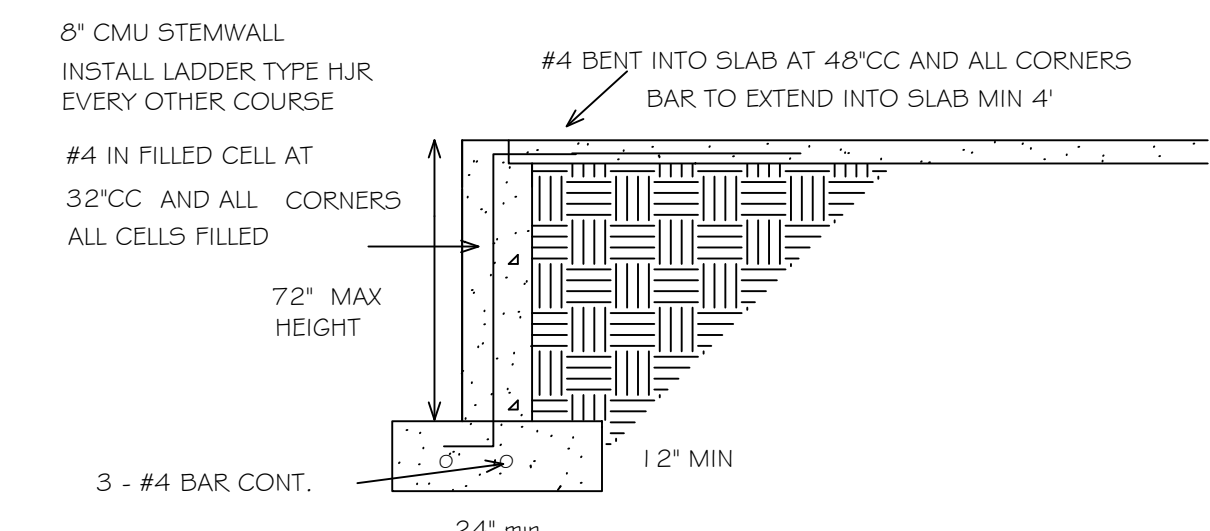
NOTE:  
U.L. DESIGN NUMBER 263 BEARING WALL RATING 1 HR EA. SIDE

NOTE:  
ALL ELECTRICAL BOXES TO BE U.L. RATED IN WALL

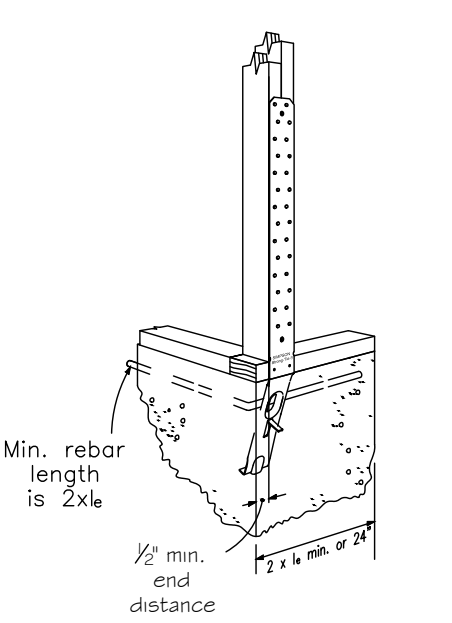
NOTE TO TRUSS CO.:  
TRUSSES 4'-0" SEAR FIREWALL TO BE INSTALLED TO ALLOW FOR 2 LAYERS OF 5/8" FIRE CODE GYP BOARD TO BE INSTALLED BEFORE ROOF DECKING.



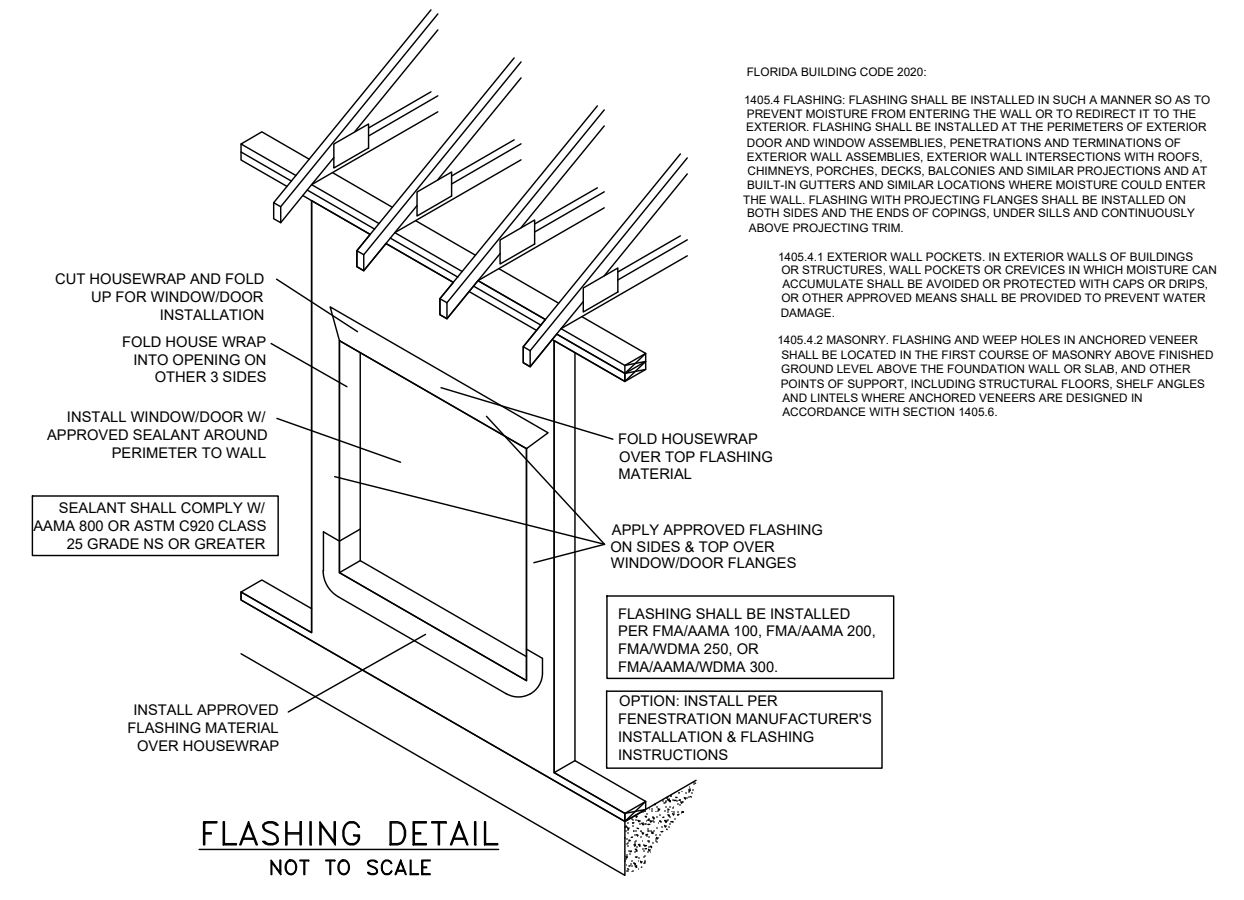
**1 HOUR FIREWALL**  
ASTM 3119 OR UL 263 SCALE: NO SCALE



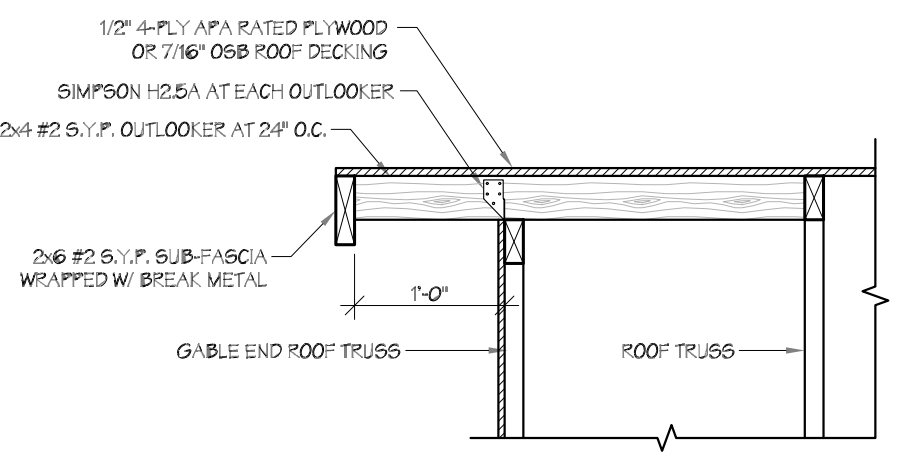
GENERAL NOTES -  
MIN 1500 PSF SOIL BEARING  
ASSUME MIN 2500 PSI CONCRETE  
FILL ALL CELLS IN THE STEMWALL BEFORE INSTALLING BUILDING FILL. DO NOT COMPACT INTERIOR FILL BEFORE CONCRETE IN THE STEMWALL CELLS HAS CURED MIN 7 DAYS.  
THIS DETAIL IS FOR THE STEMWALL ONLY. SEE OTHER STRUCTURAL DETAILS FOR J BOLT SPACING, AND EMBEDDED STRAP PLACEMENT.



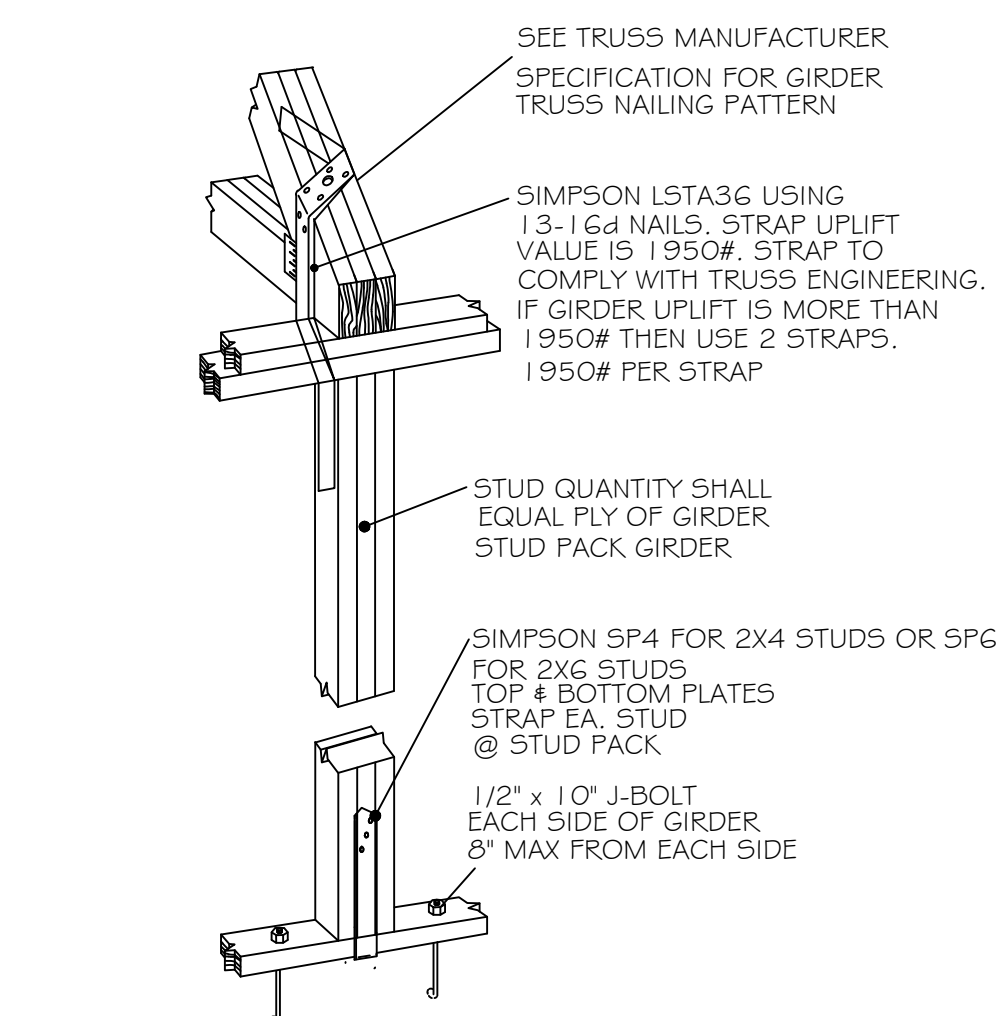
**Typical STHD Corner Installation**



**FLASHING DETAIL**  
NOT TO SCALE

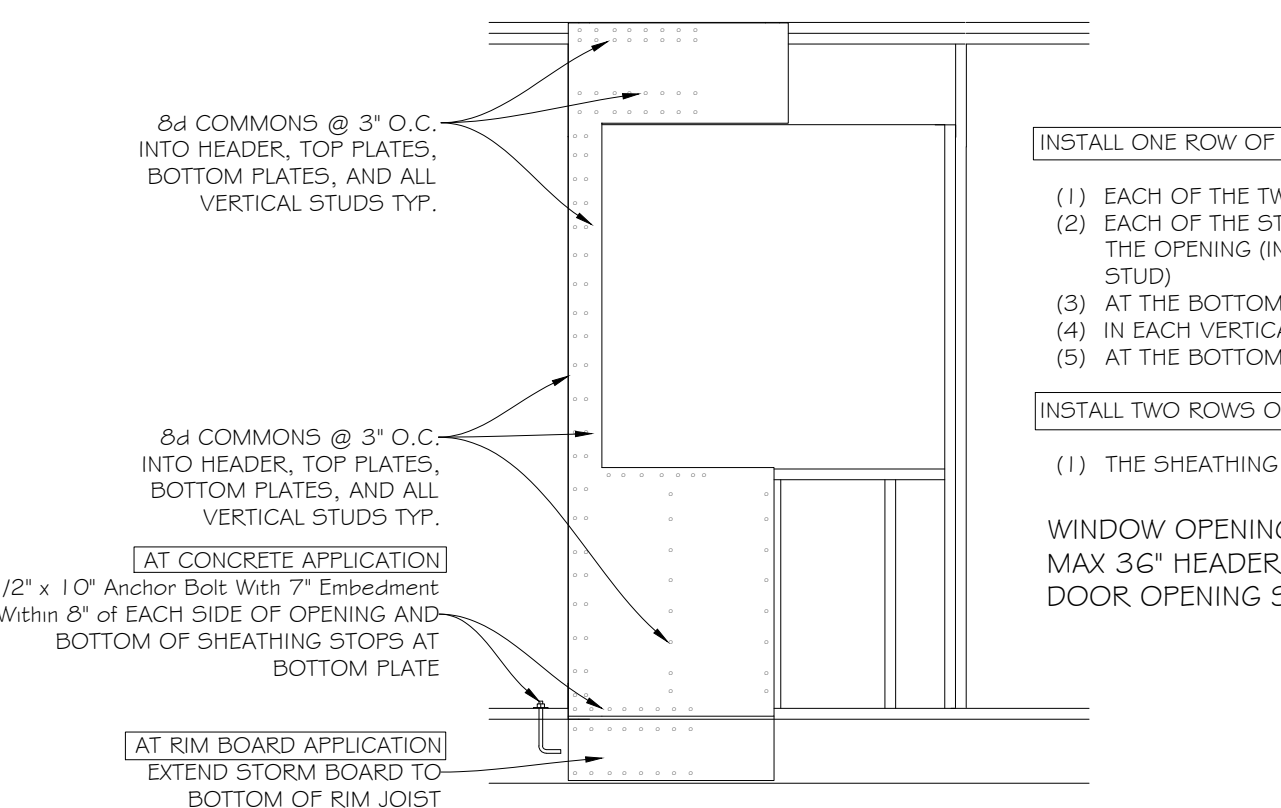


**OUTLOOKER DETAIL**  
SCALE: 1"=1'-0"

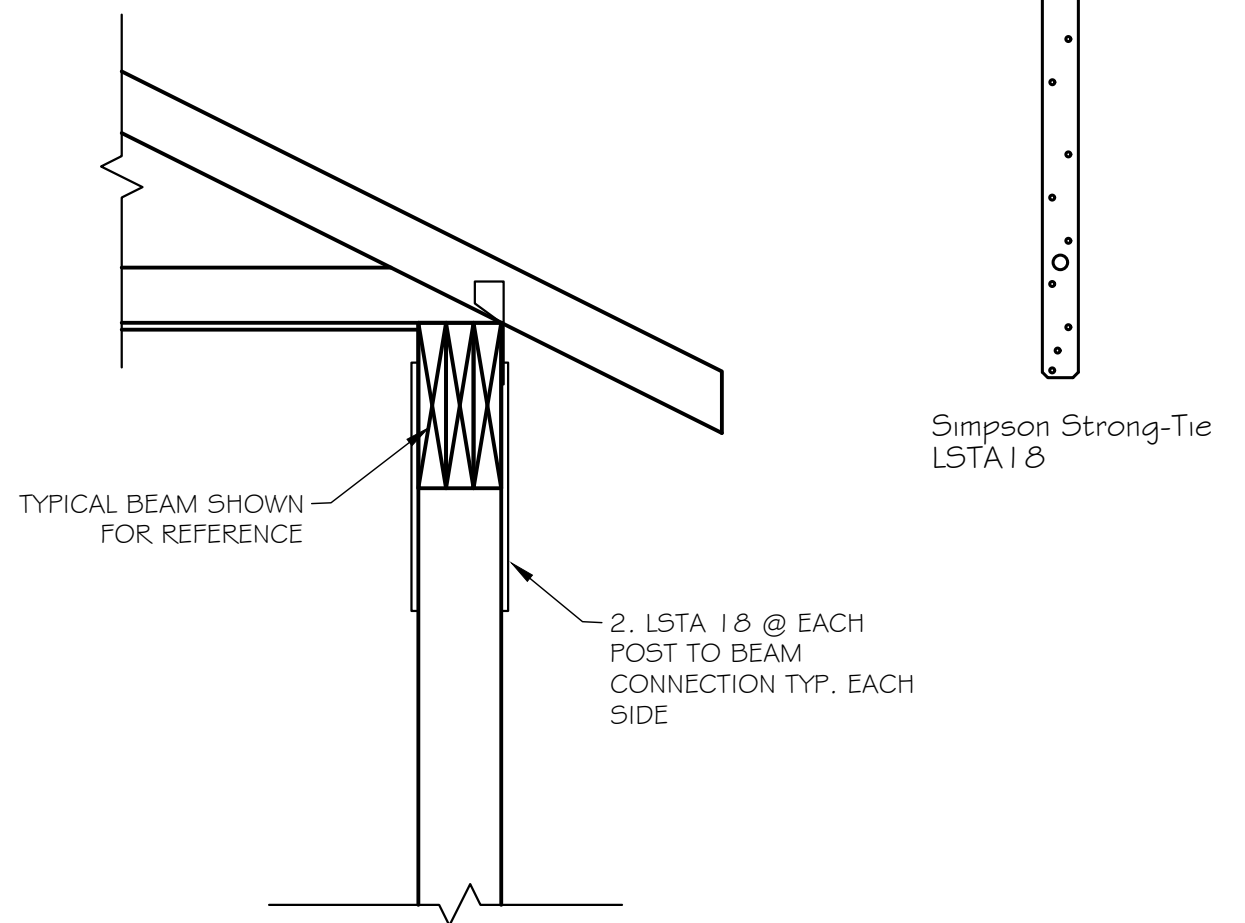


**GIRDER TIE-DOWN**  
NOT TO SCALE

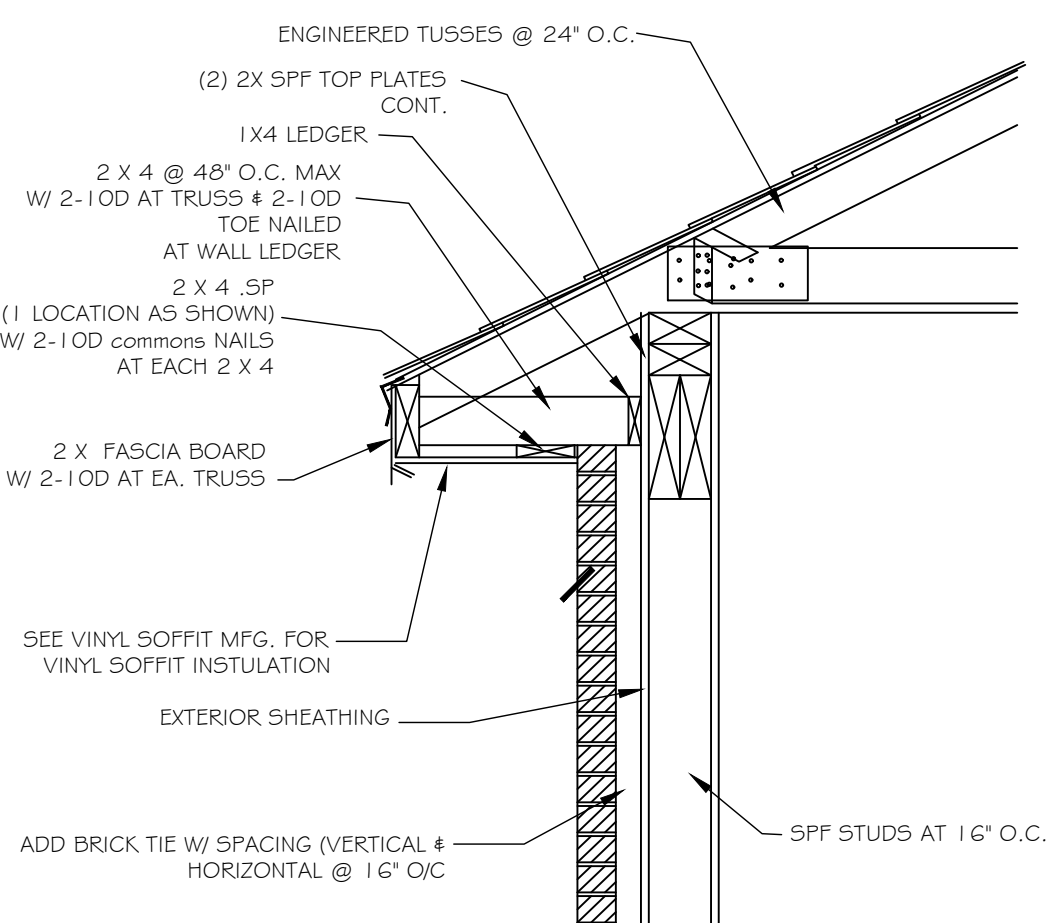
INSTALL SHEATHING AT ENTIRETY OF WALL INCLUDING COVERING OPENINGS AND THEN CUT OUT OPENINGS.



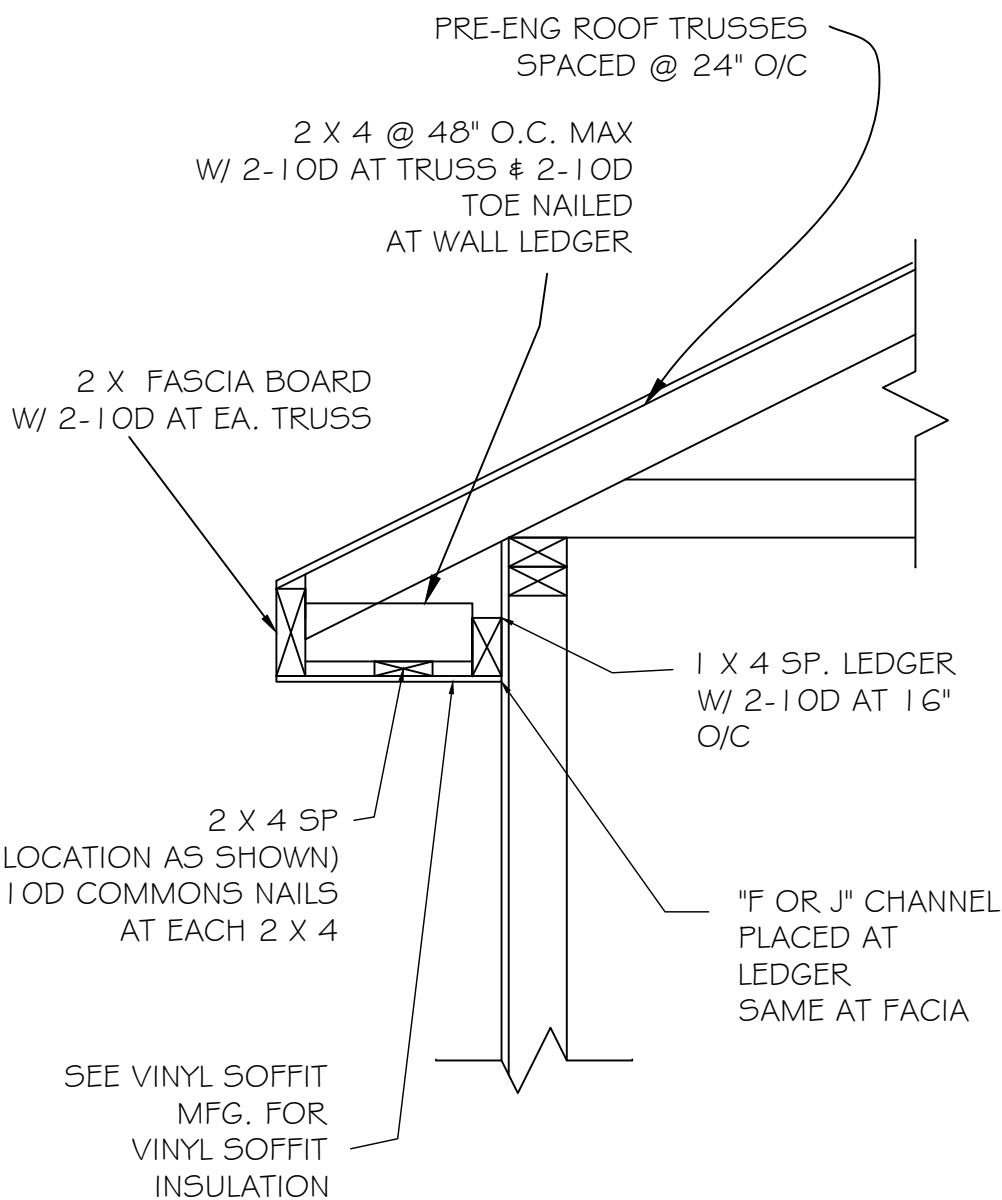
**SHEATHING NAIL PATTERN AT OPENINGS**  
SCALE



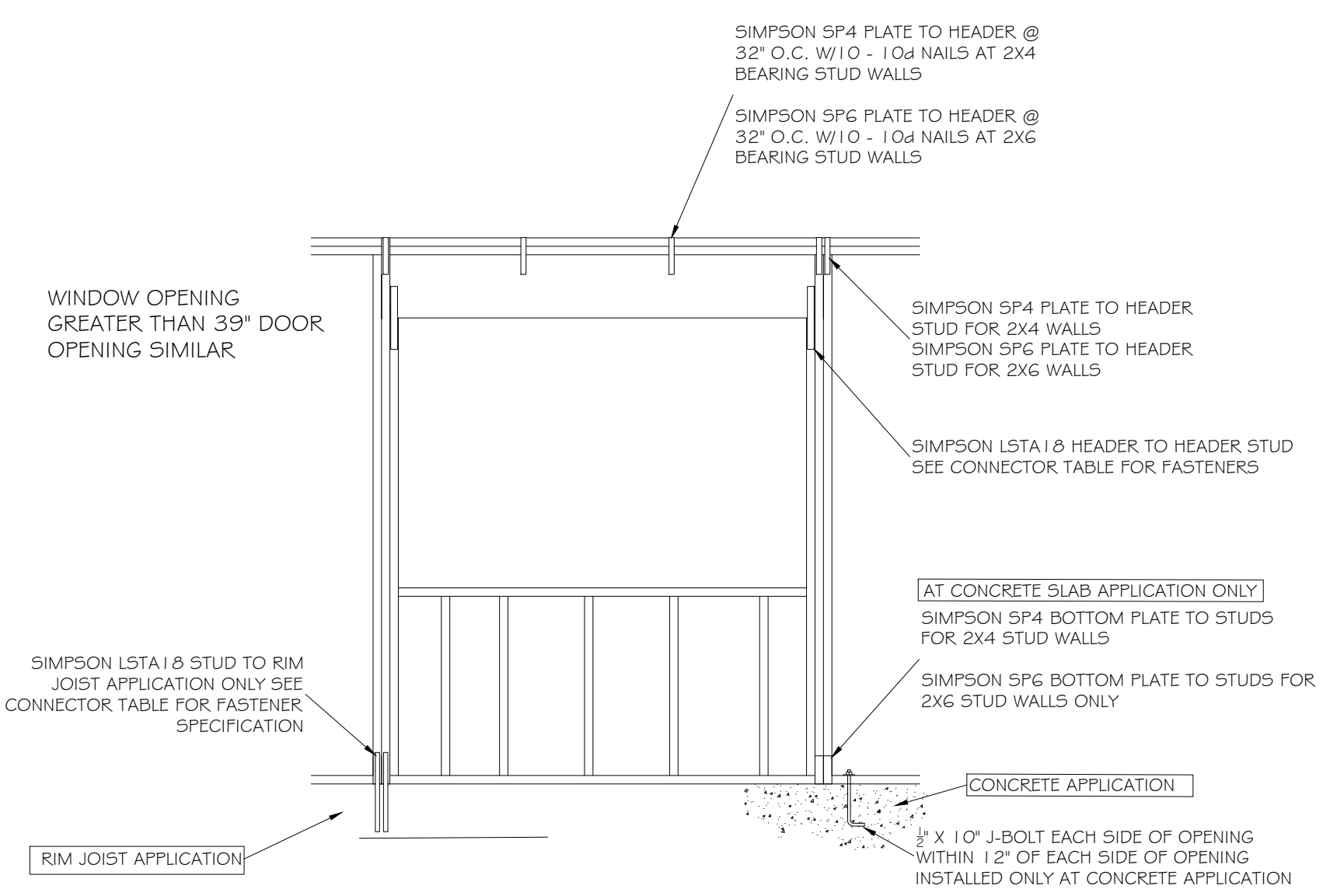
**BEAM TO POST**  
NOT TO SCALE



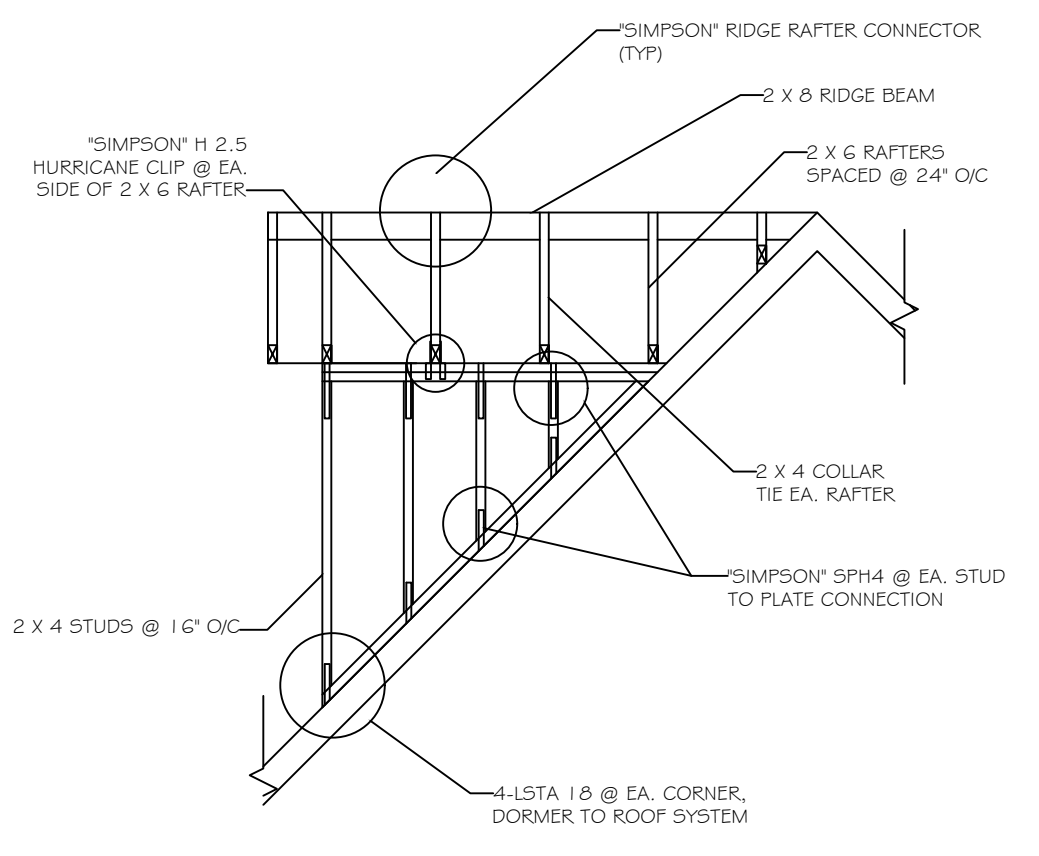
**SOFFIT FRAMING DETAIL**  
SCALE: N.T.S.



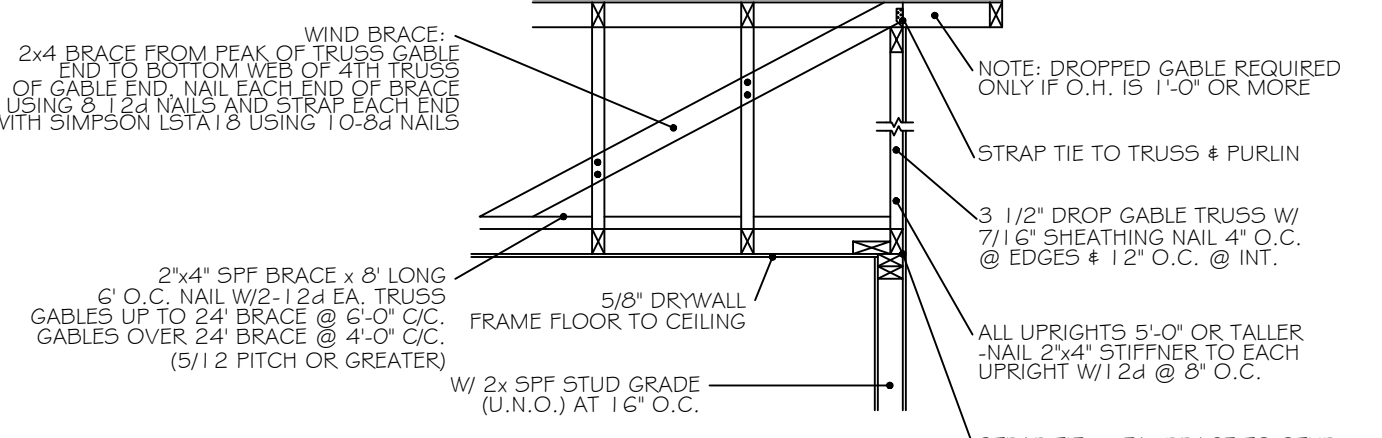
**STRUCTURAL SOFFIT DETAIL**  
SCALE: N. T.S.



**OPENING DETAIL (Greater Than 39")**  
NOT TO SCALE

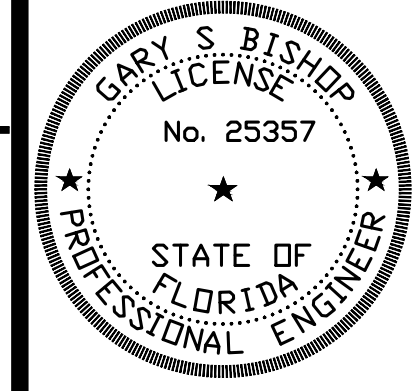


**DORMER DETAIL**  
SCALE: N.T.S.



**GABLE WALL DETAIL**

NO.	DATE	REVISIONS
1		
2		
3		
4		



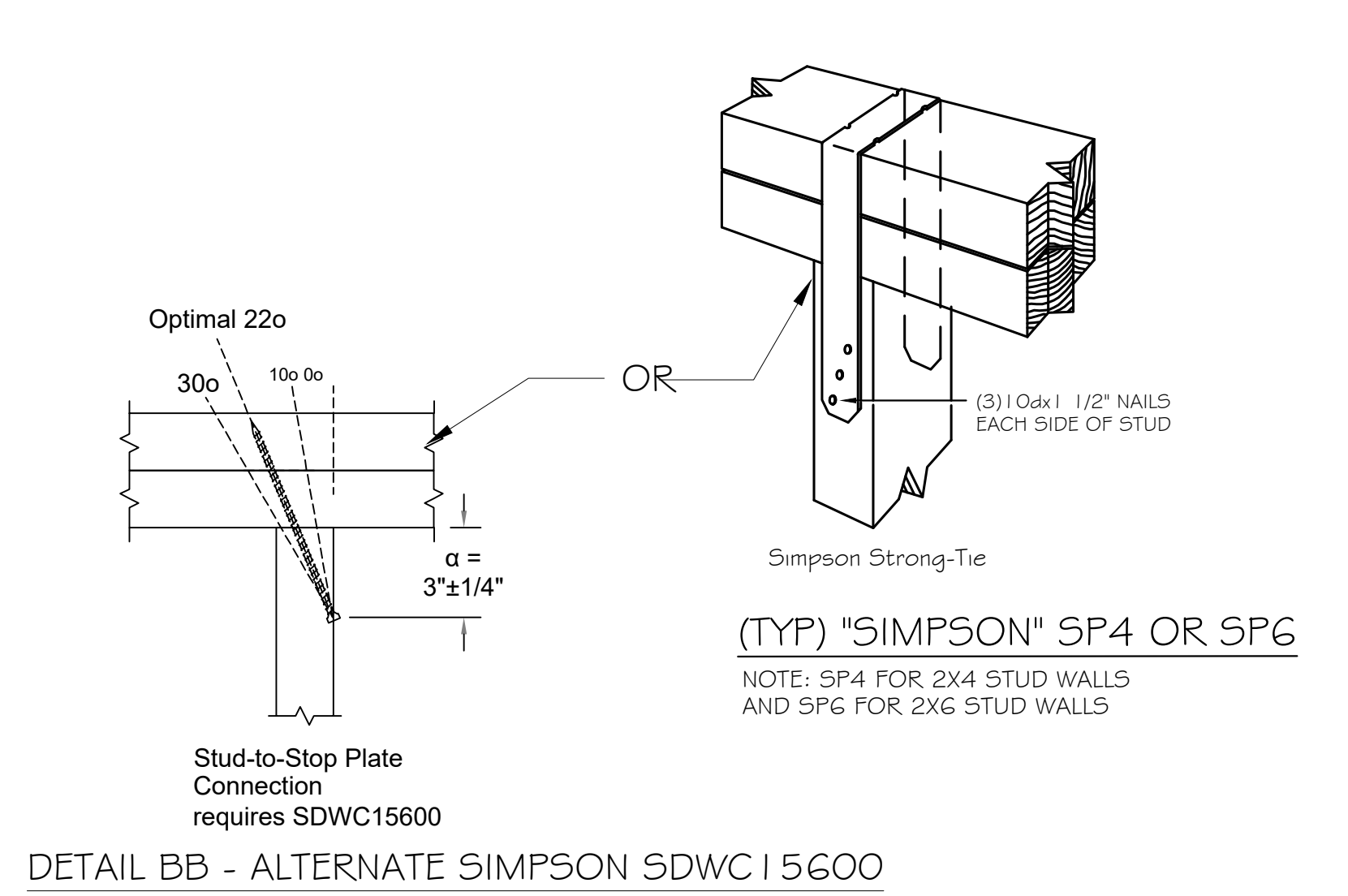
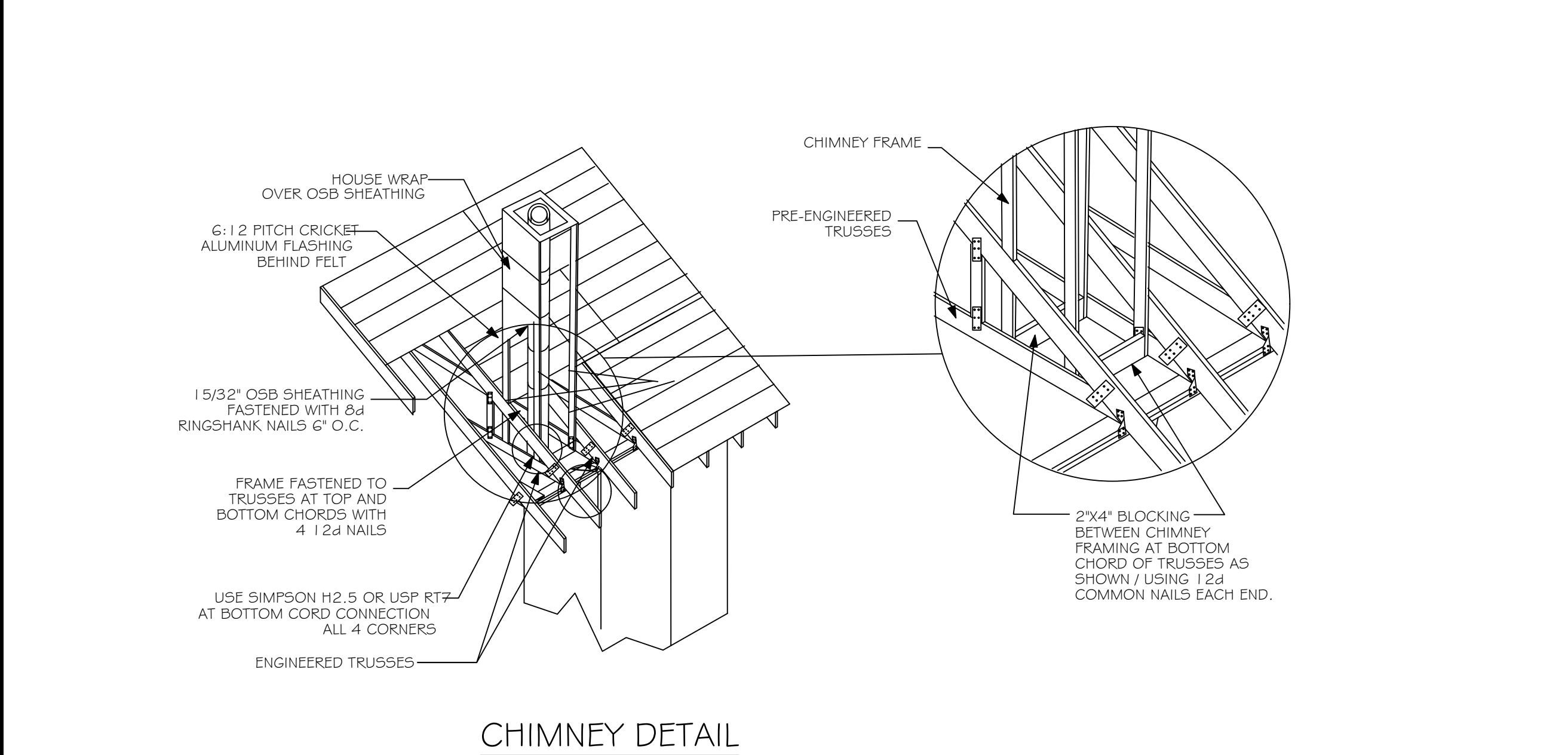
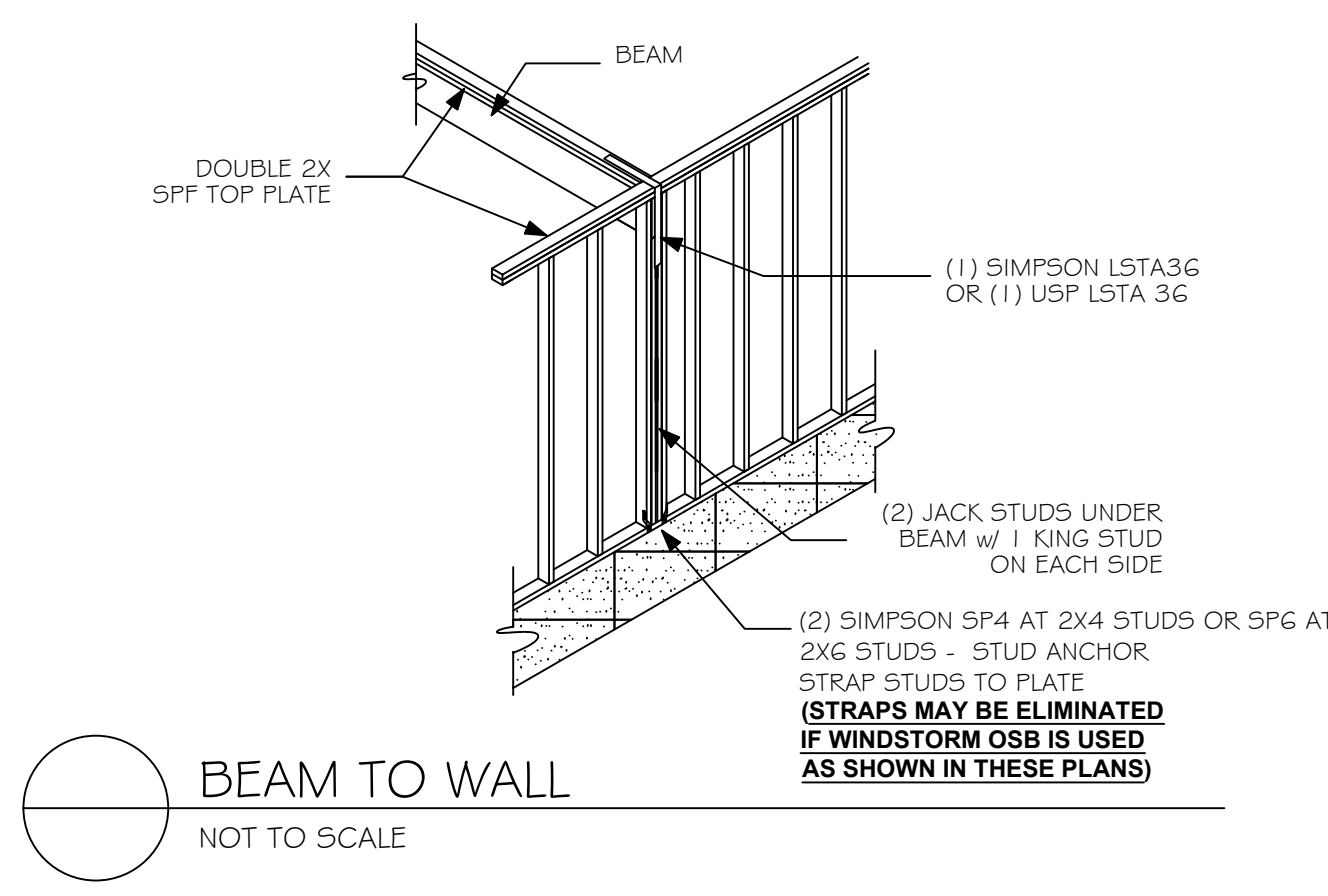
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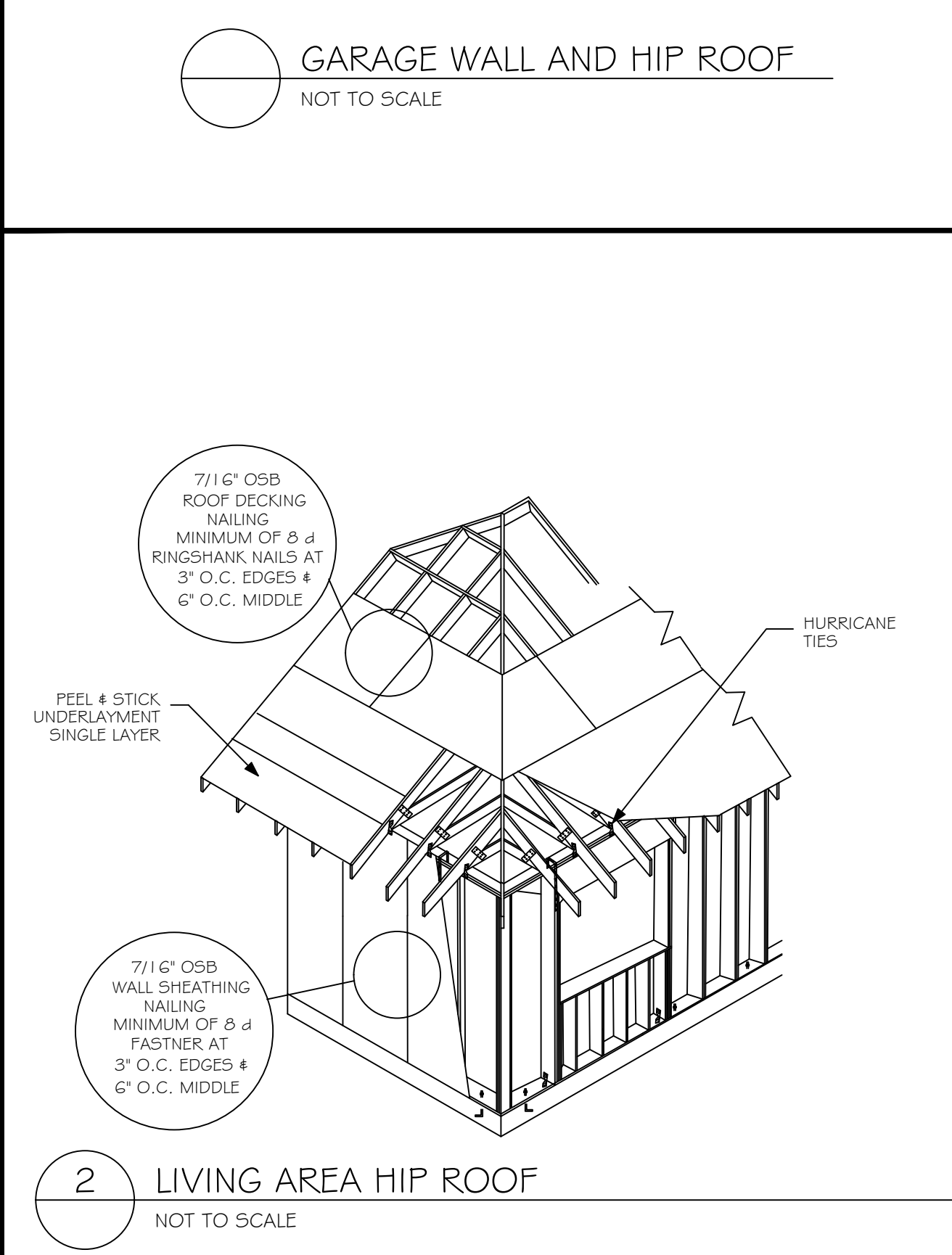
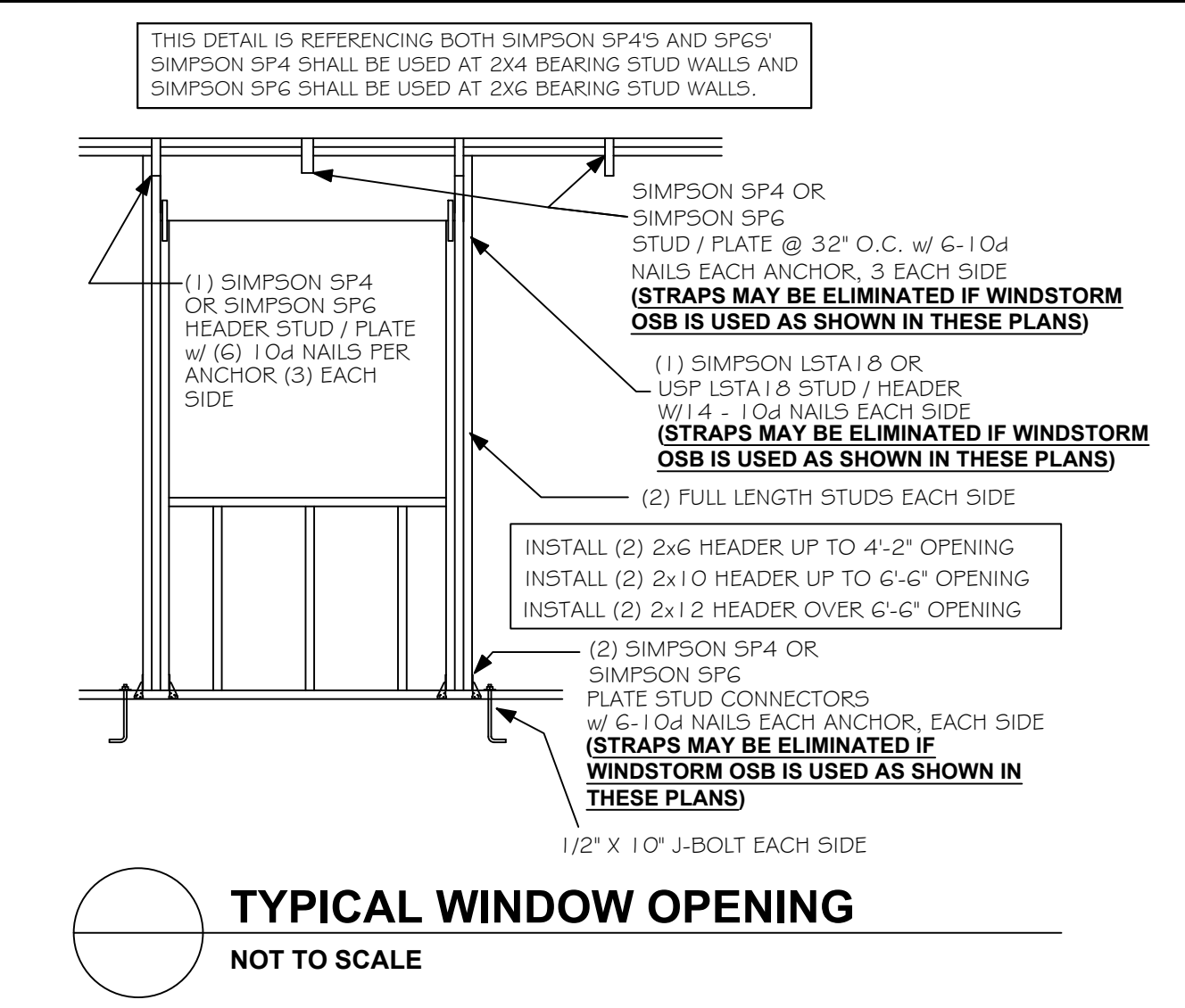
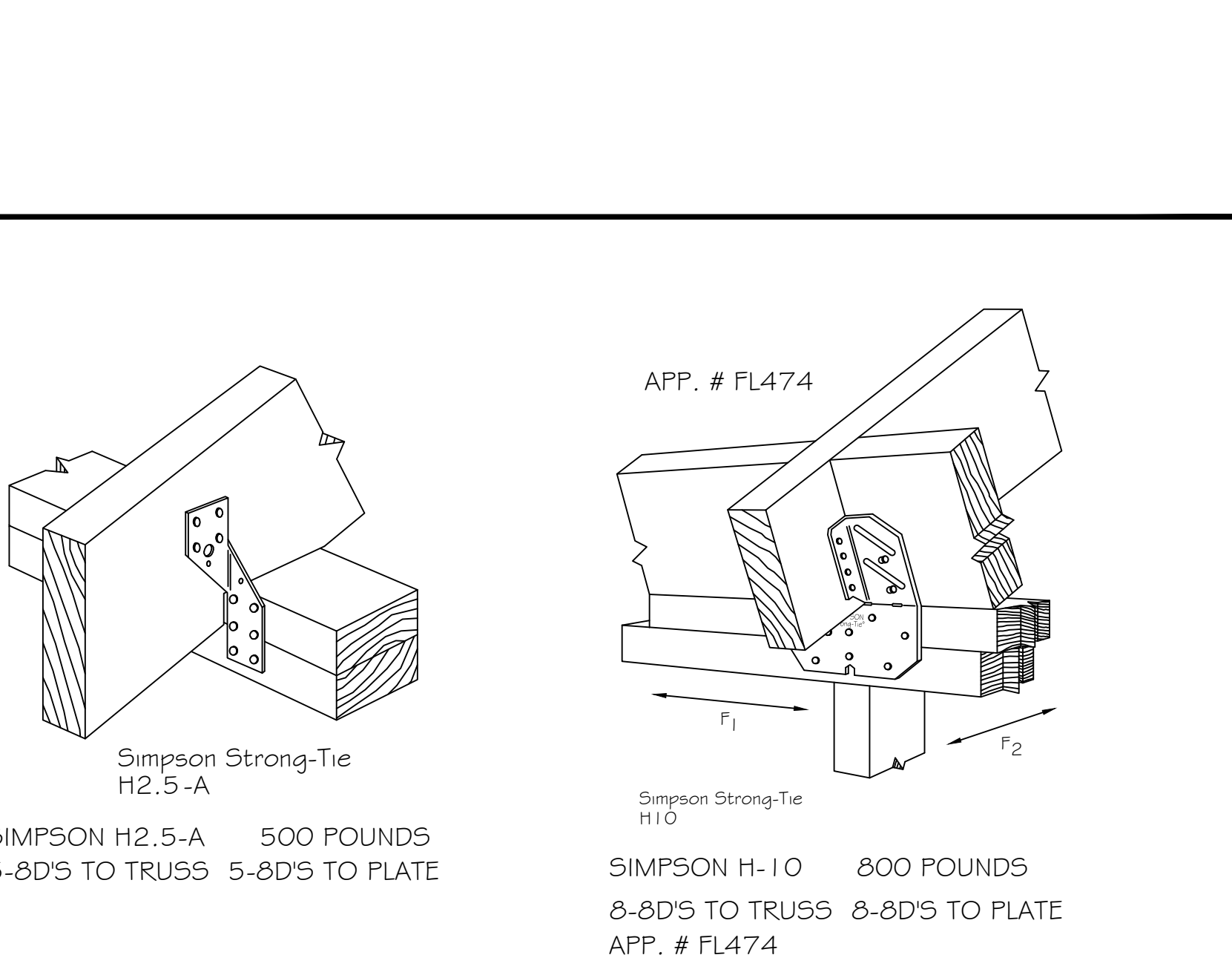
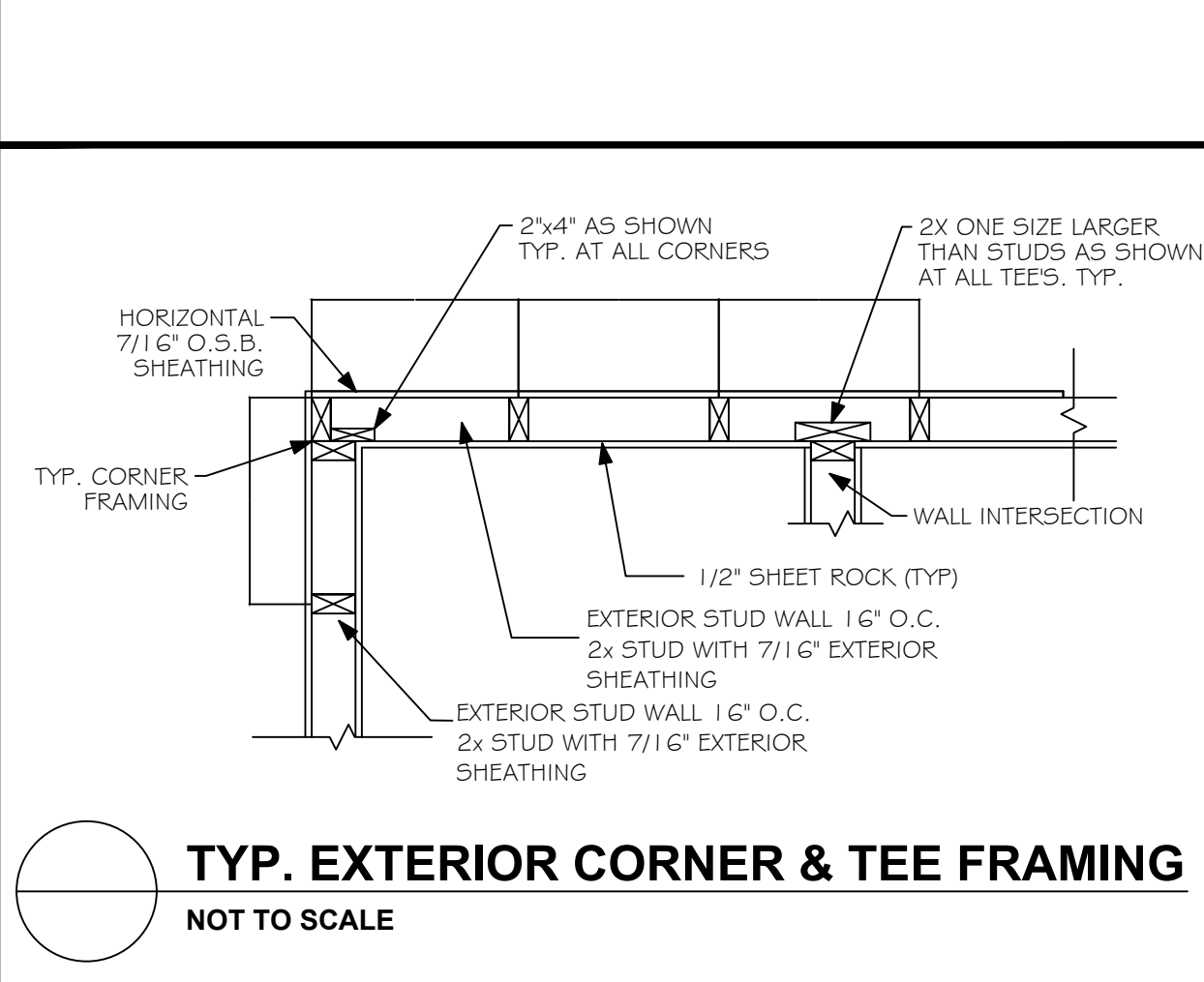
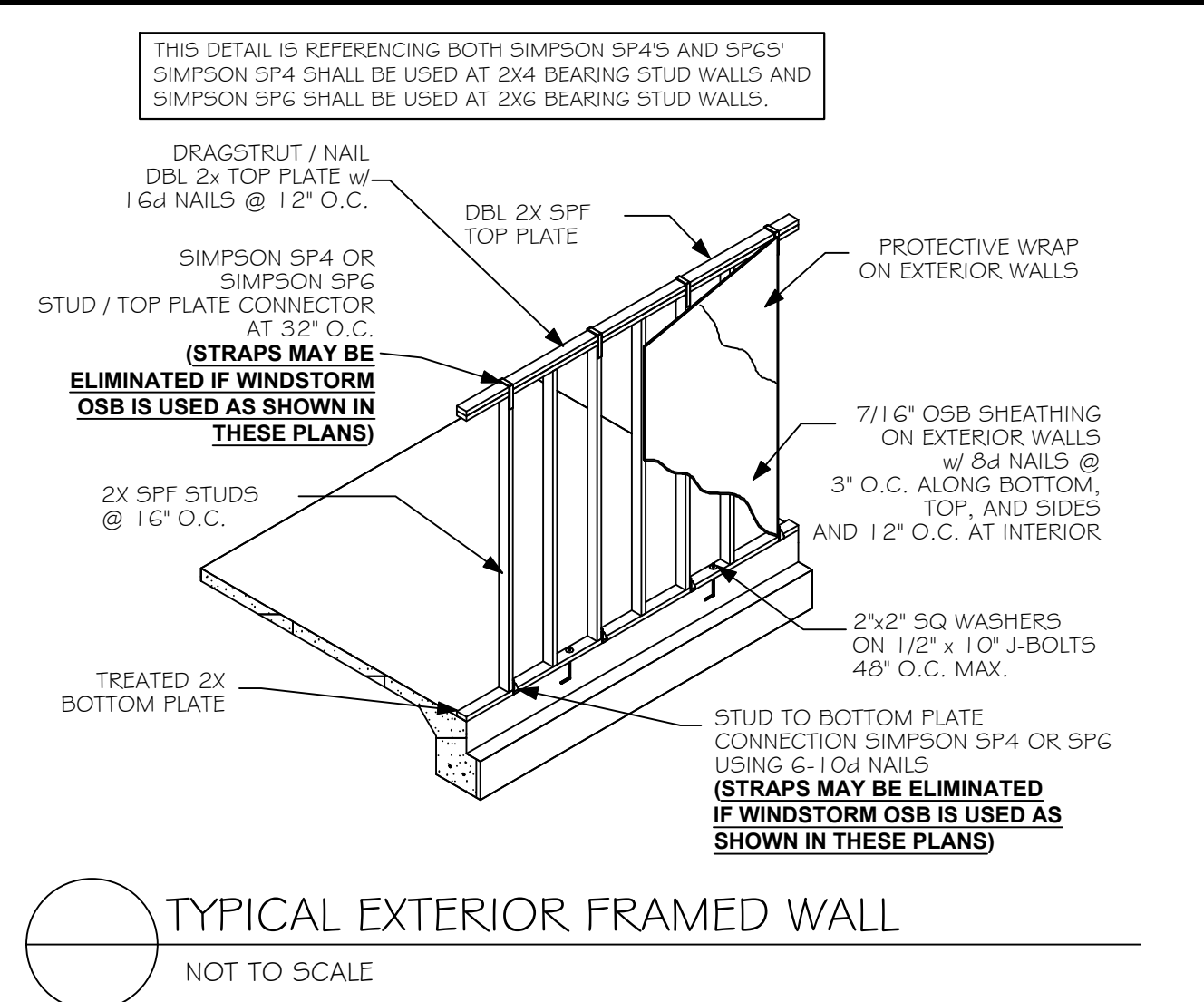
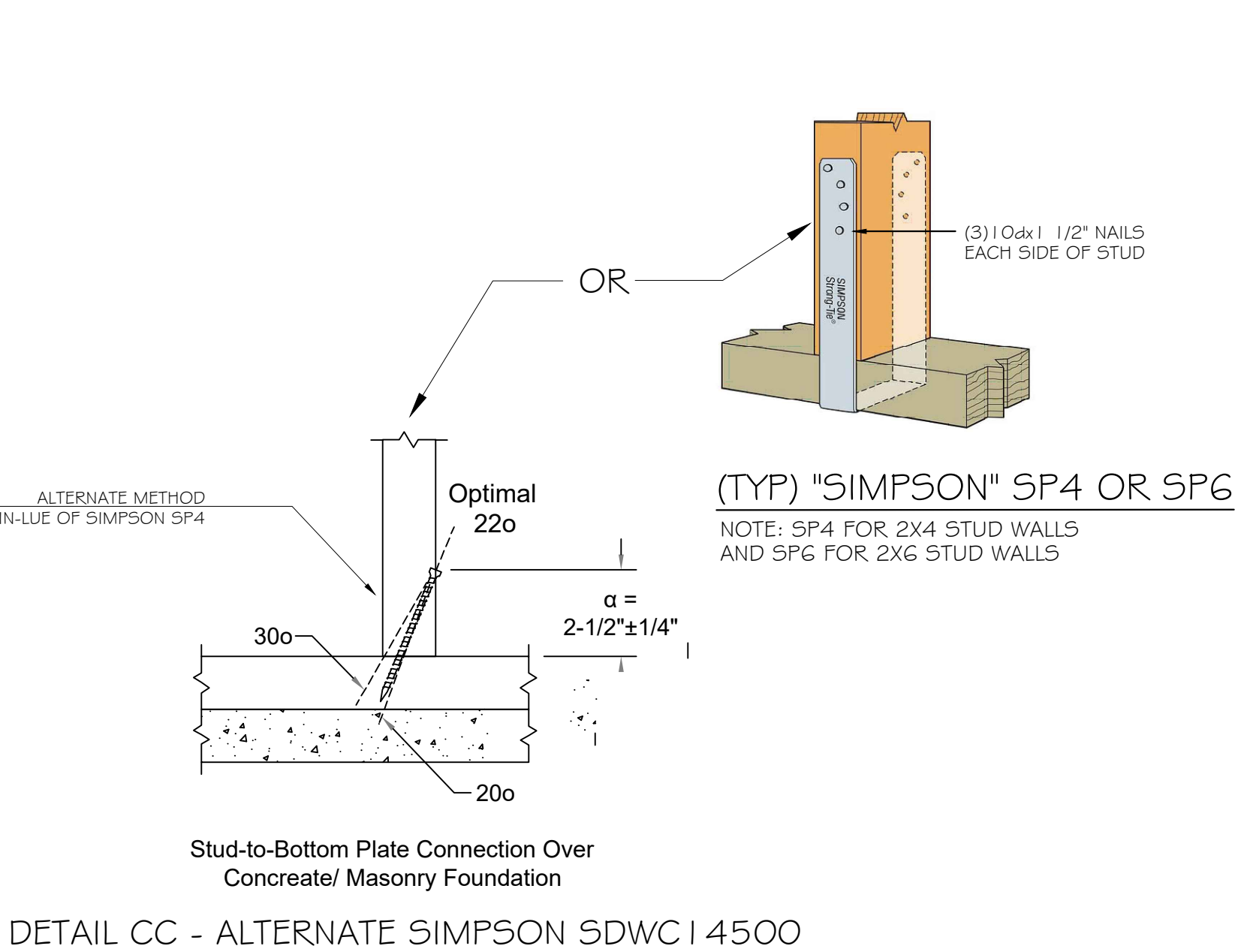
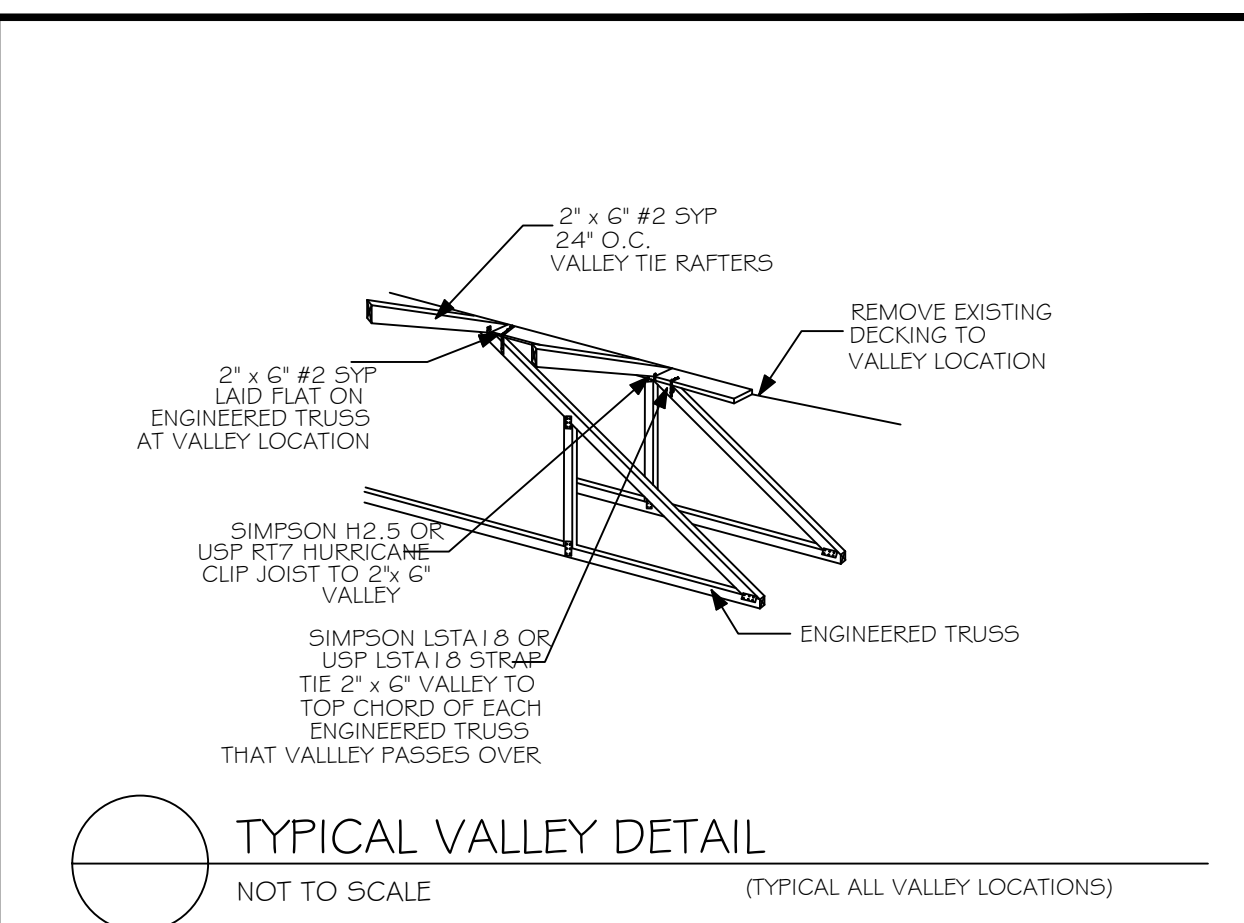
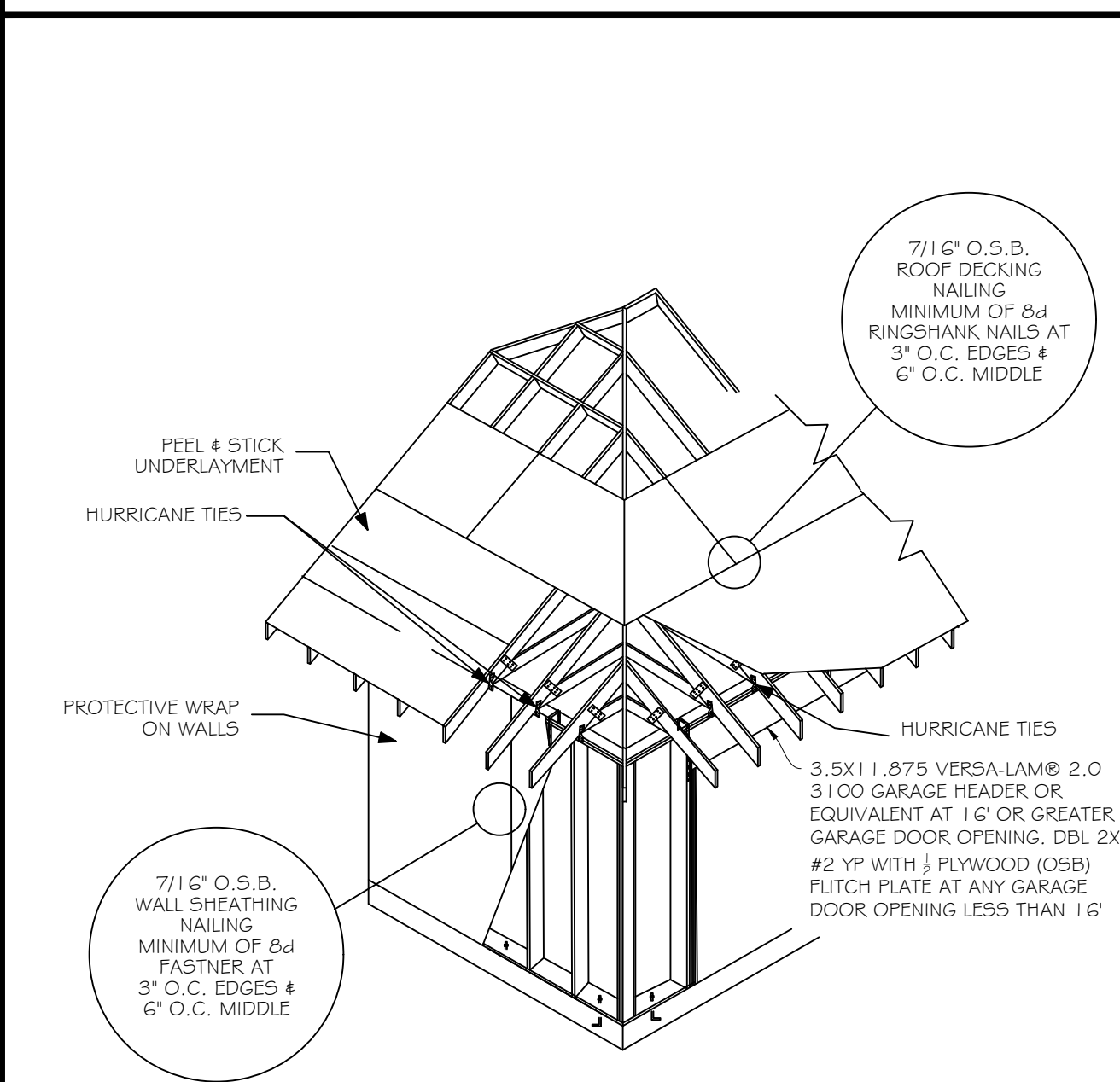
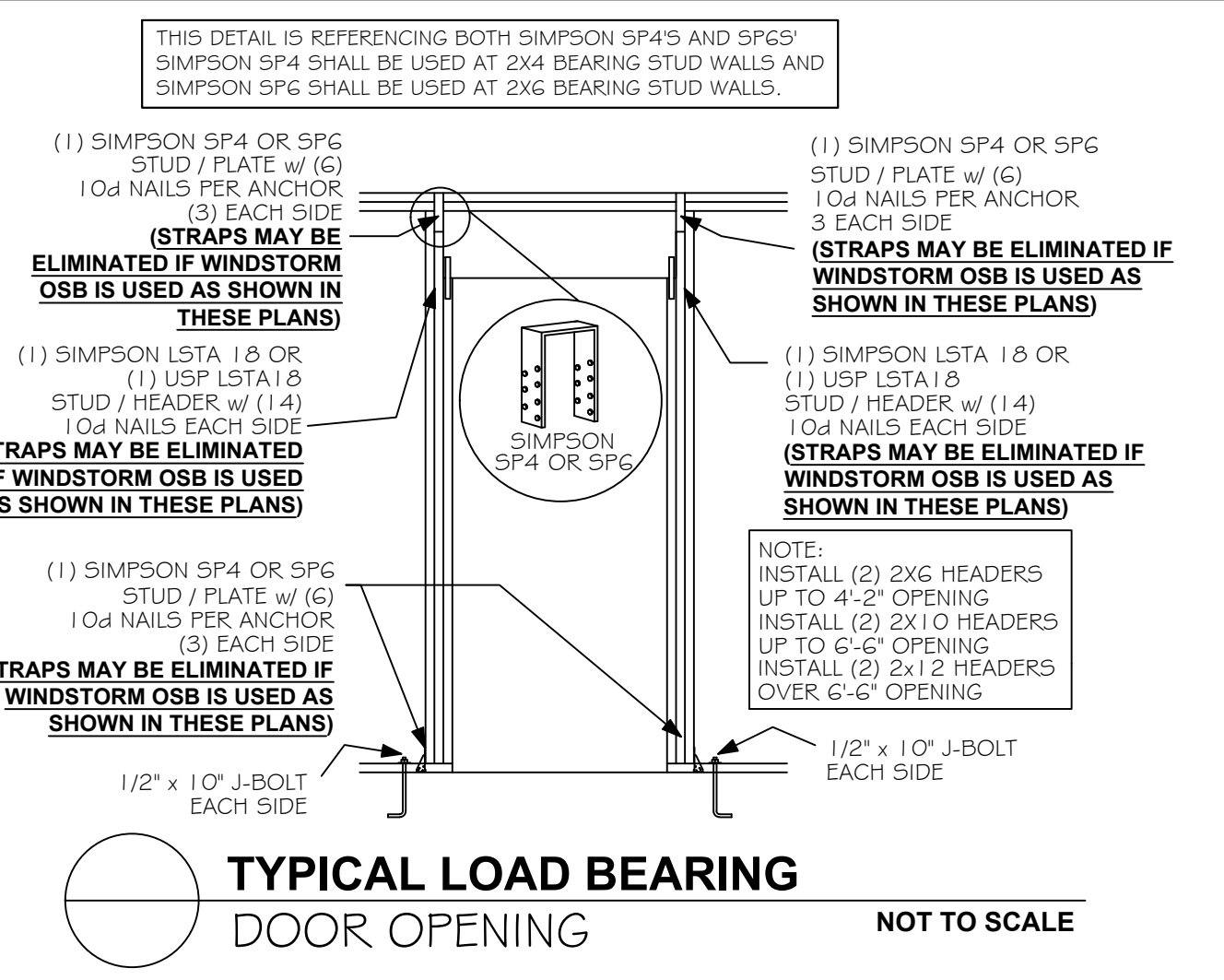
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I CERTIFY THAT THIS STRUCTURE WAS DESIGNED FOR 159 ULTIMATE WIND SPEED IN ACCORDANCE WITH ASCE 7-22 AS REQUIRED BY 2023 FLORIDA BUILDING CODE, 8TH EDITION



DETAIL BB - ALTERNATE SIMPSON SDWC15600



MAXIMUM HEADER SPAN FOR LOAD BEARING WALLS					
3'	6'	9'	12'	15'	18'
NUMBER OF HEADER STUDS SUPPORTING END OF HEADER					
1	1	2	2	2	2
NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER					
1	2	3	3	3	3

	2X4	2X6	2X8
MAXIMUM LOADBEARING STUD LENGTHS SPF STUD GRADE			
12" STUD SPACING	10'	14'	18'
16" STUD SPACING	10'	12'	14'

ANY STUD HEIGHTS THAT EXCEED 18' SHALL BE VERSA-STUD® 1.7 2400 Engineered Studs PER MANUFACTURER'S INSTALLATION PROCEDURES

I CERTIFY THAT THIS STRUCTURE WAS DESIGNED FOR 159 ULTIMATE WIND SPEED IN ACCORDANCE WITH ASCE 7-22 AS REQUIRED BY 2023 FLORIDA BUILDING CODE, 8TH EDITION

REVISIONS

NO.	DATE	DESCRIPTION
1		
2		
3		
4		

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**GARY S. BISHOP, P.E.**  
LICENSE No. 25357  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

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FILE NO:  
SHEET NO. 3