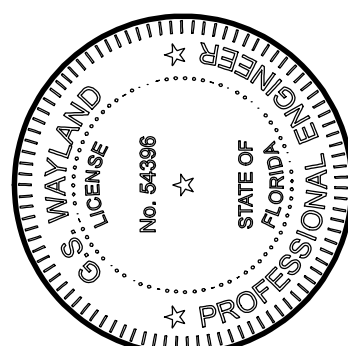




Drawing Status:
For Permit & Construction

WSE
WAYLAND
STRUCTURAL ENGINEERING
2801 SW 81st Street Gainesville, FL 32608
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Gregory S
Wayland
2025.03.31
11:32:09-04'00'
This item has been signed and sealed using Digital Signature. Printed copies of this document are not considered signed and sealed and the authentication code must be verified on any electronic copies.

Client: **Chase Gainey**
Project Name: **Gainey Residence**
3181 SW CR 138 Fort White, FL 32038
Drawing Name: **Framing Plans & Details**

Drawn by: **GS WAYLAND**
Date: **MARCH 31, 2025**
WSE Project No.: **24109**
Drawing No.

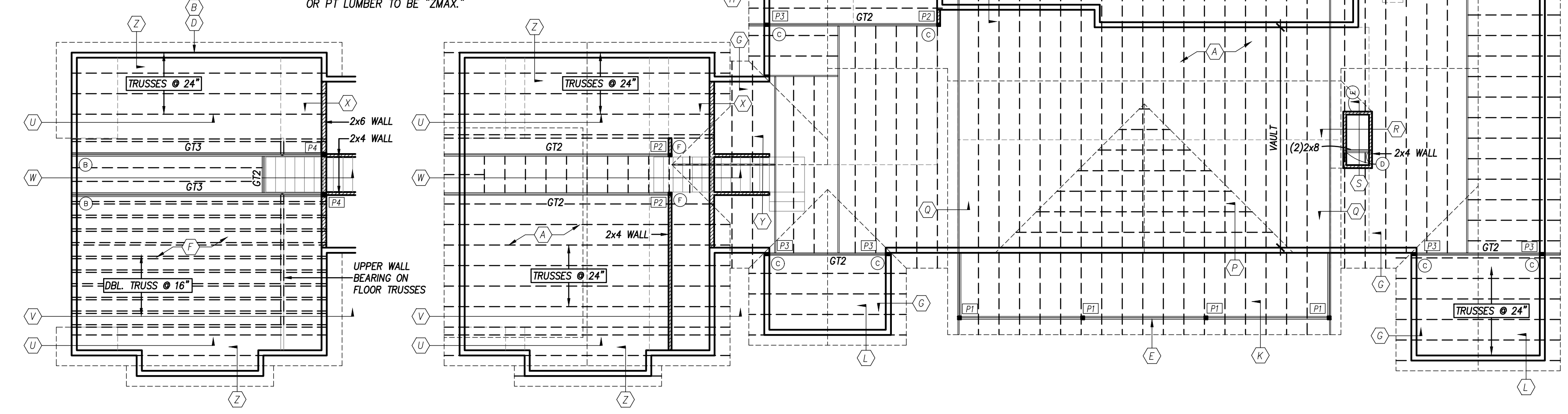
S1

WOOD POST SCHEDULE			
MARK	SIZE	SPECIES	GRADE
[P1]	4x4 PT	SP	NO. 2
[P2]	(2) 2x4	SPF	NO. 2
[P3]	(2) 2x6	SPF	NO. 2
[P4]	(3) 2x6	SPF	NO. 2

ANCHOR SCHEDULE	
MARK	ANCHOR
[A]	H2.5T + (3) 10d TOE-NAILS UNLESS NOTED OTHERWISE
[B]	H10A-2 TO HEADER
[C]	H10A-2 TOP, HTT4 BASE
[D]	LUS48
[E]	MTS12
[F]	MSTA12 TOP & BOTTOM

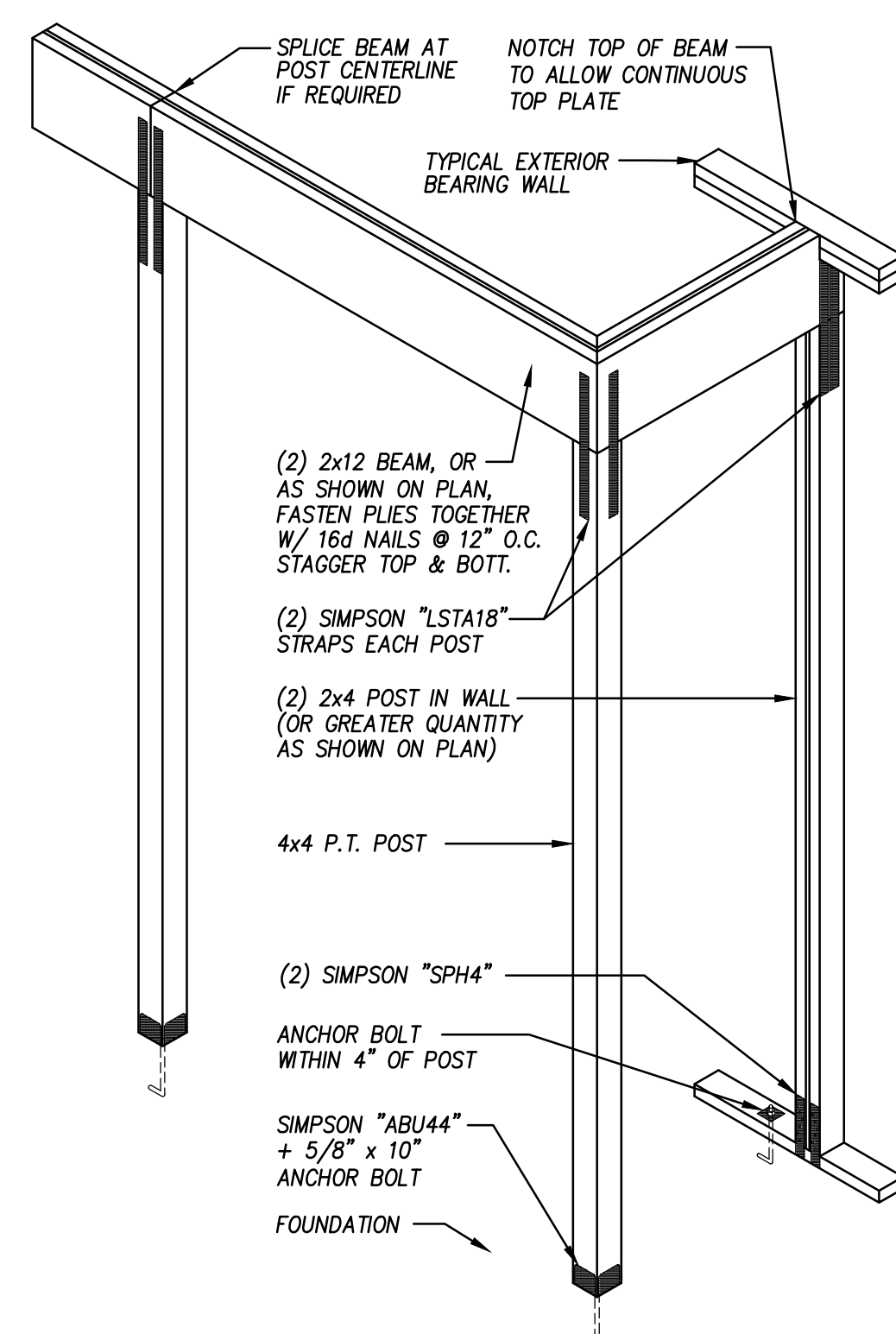
SYMBOL KEY	
[B]	DETAIL
[A]	ANCHOR
---	EXTERIOR BEARING/ SHEAR WALL
---	INTERIOR BEARING WALL
---	TRUSS OR RAFTER

1. ANCHORS: SIMPSON STRONG-TIE
2. ANCHORS EXPOSED TO WEATHER OR PT LUMBER TO BE "ZMAX."

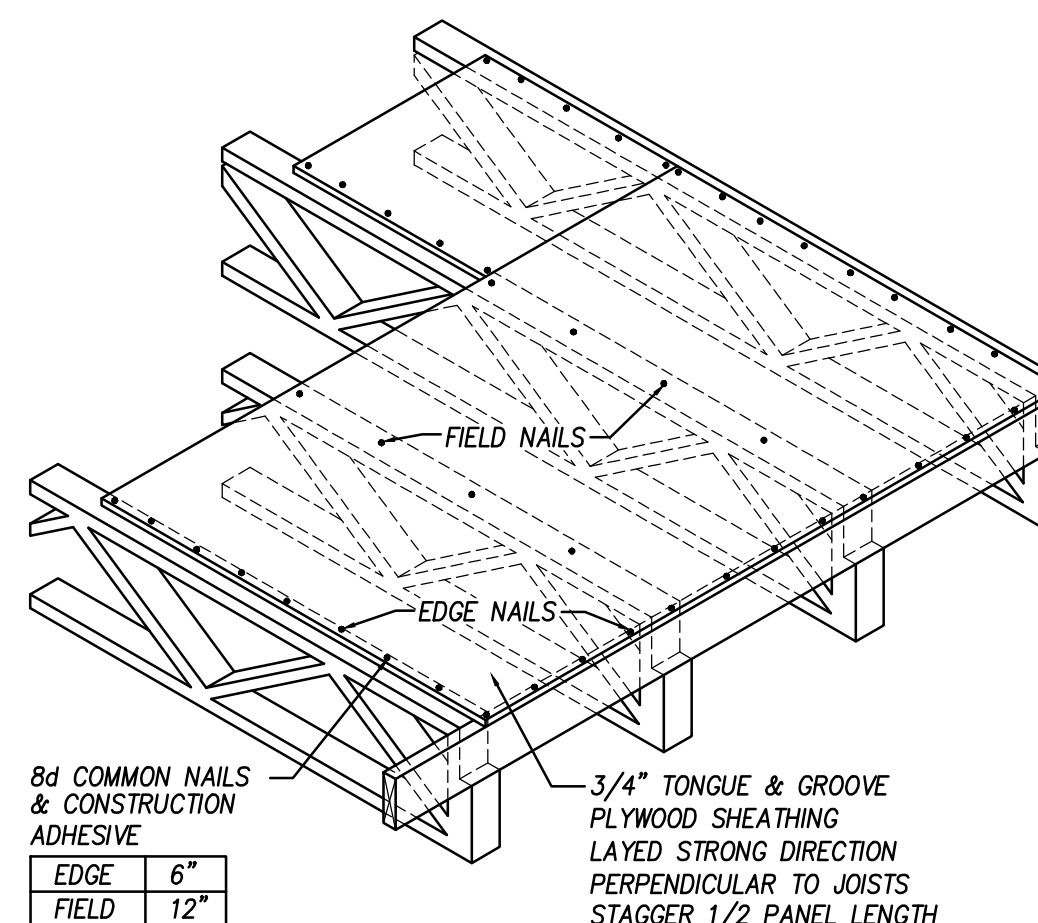


2 Floor Framing Plan
1/8" = 1'-0"

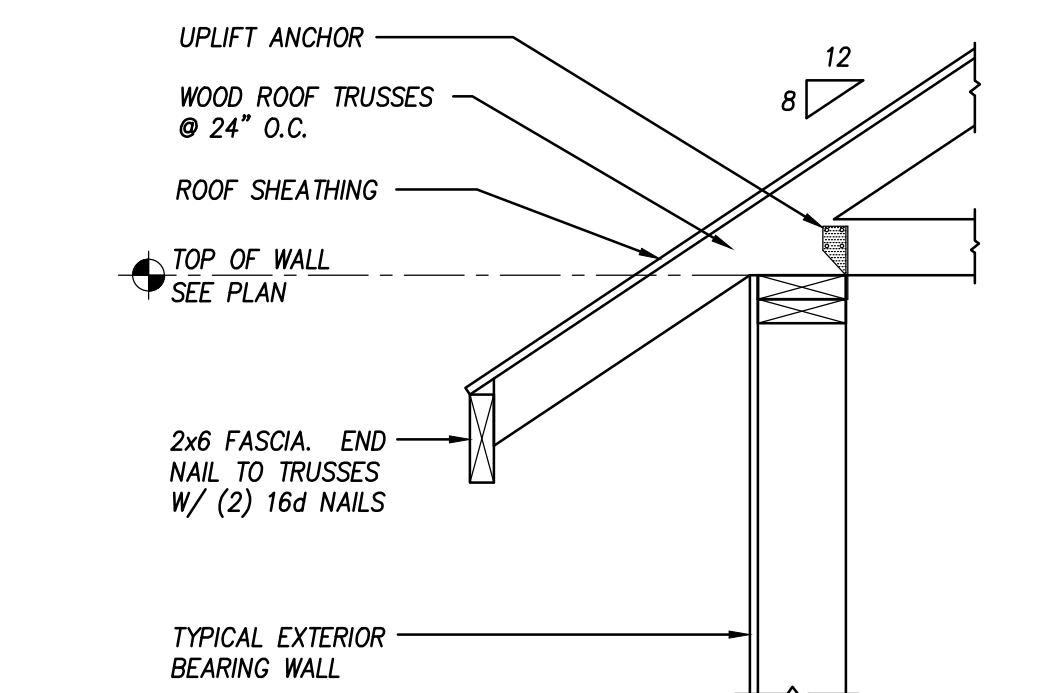
1 Roof Framing Plan
1/8" = 1'-0"
1. REFER TO DRAWING S3 FOR STRUCTURAL NOTES.



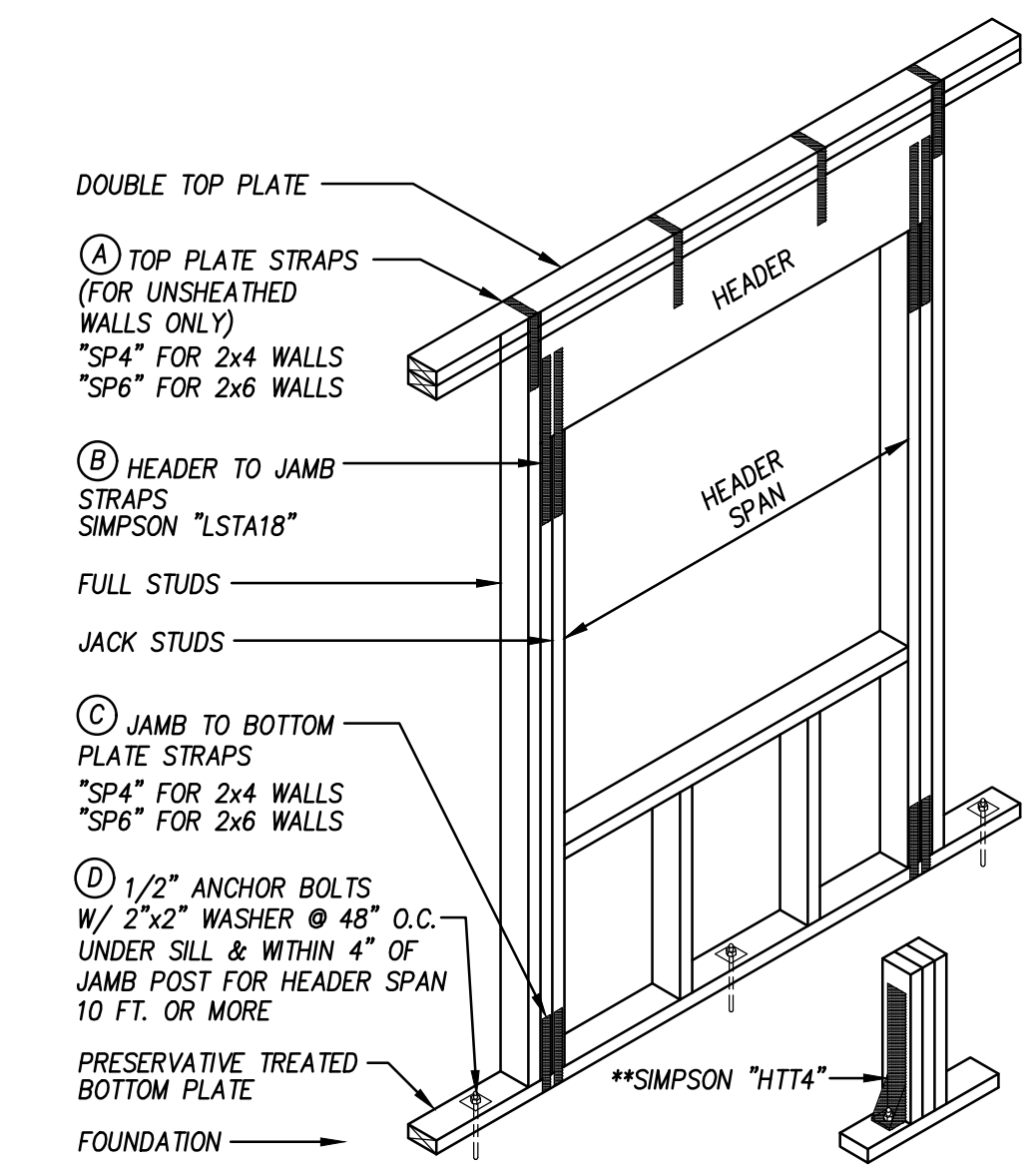
E Typical Post & Beam
1/2" = 1'-0" WOOD--W500



F Typical Floor Sheathing Detail
1/2" = 1'-0" WOOD--F000B



G Typical Truss Bearing
1" = 1'-0" WOOD--R001

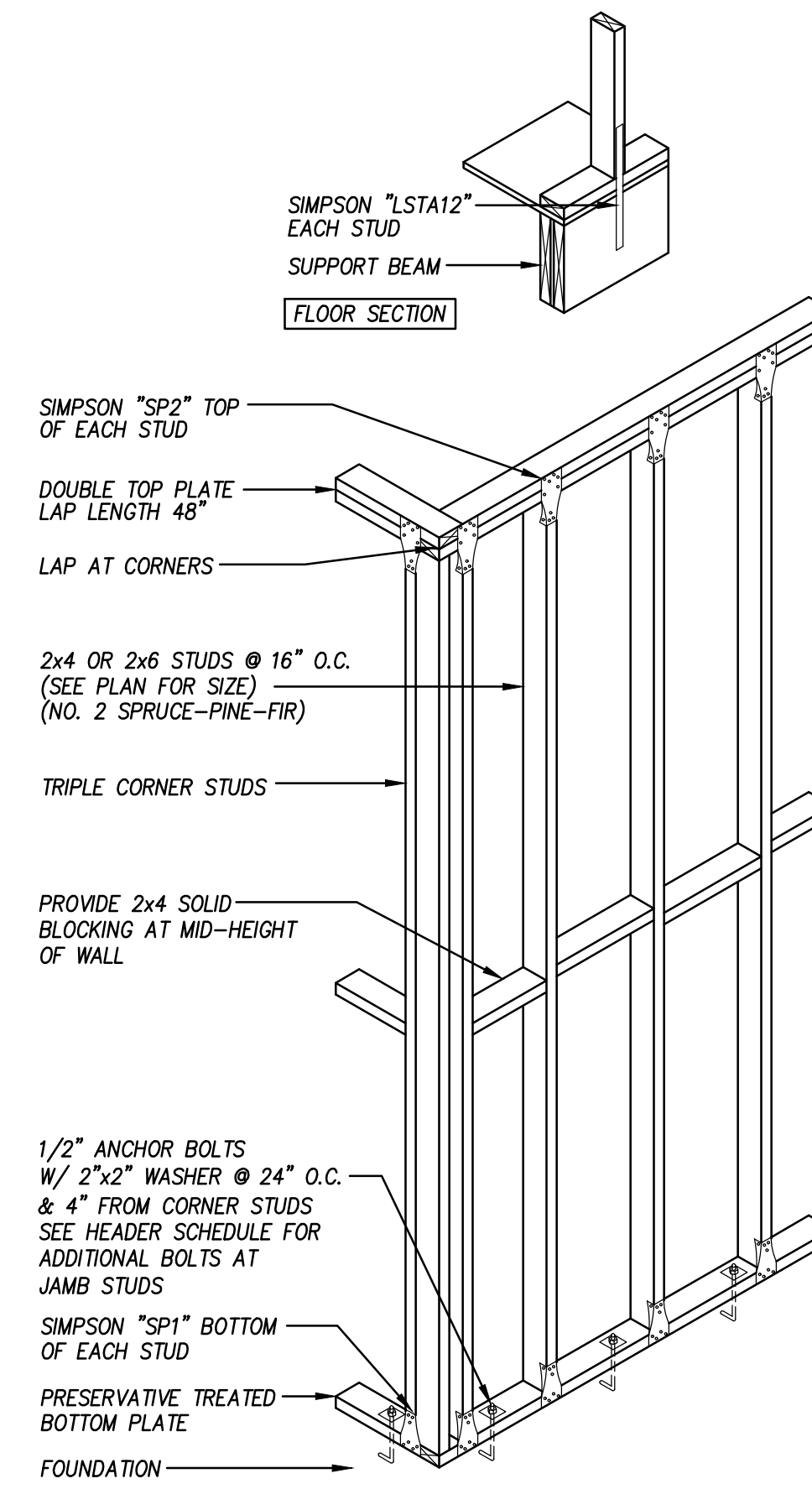


HEADER** SPAN (FT)	QTY	JACK STUDS	QTY	FULL STUDS	QTY	STRAP (A) SPACING	STRAP (B) QTY	STRAP (C) QTY	BOLT (D) QTY
4'-0"	(3)	2x8	1	1	32" O.C.	1	1	1	*
6'-0"	(3)	2x10	2	1		1	2	2	*
8'-0"	(3)	2x12	2	2		1	2	2	*
10'-0"	(3)	2x12	2	1		2	2	2	*
14'-0"	(3)	11.25" LVL	3	1		3	3	3	***
18'-0"	(3)	16" LVL	4	2		4	-	-	***

* PROVIDE BOLTS AT SPACING SPECIFIED FOR TYPICAL WALL CONSTRUCTION.
** PROVIDE (2) PLY HEADER FOR 2x4 WALLS.
*** PROVIDE SIMPSON "HTT4" BASE ANCHOR + 5/8" x 7" EPOXY BOLT TO JAMB.

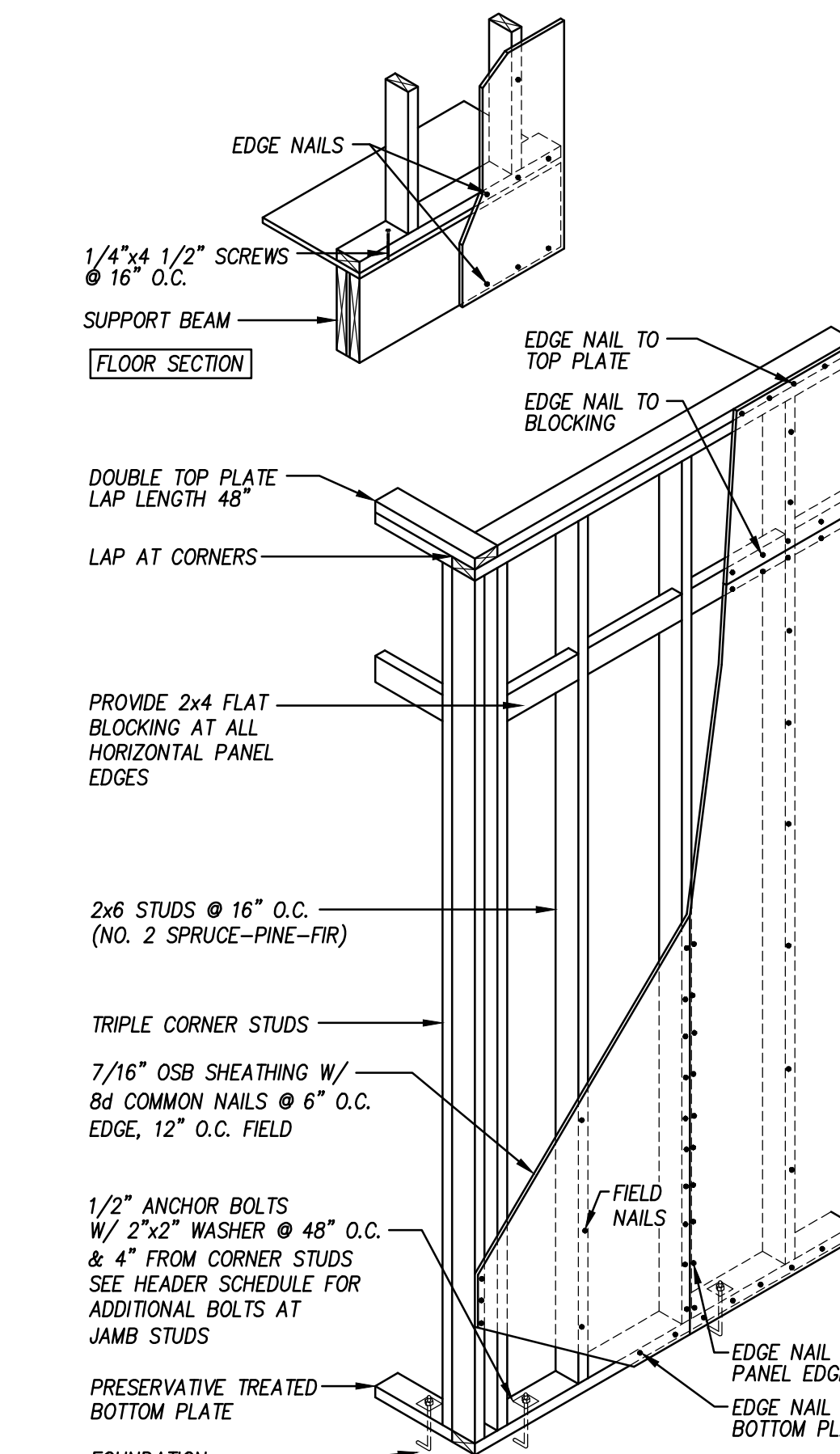
1. ALL CONNECTORS ARE BY SIMPSON STRONG-TIE OR EQUIVALENT.
2. PROVIDE 1/2" OSB SPACER BETWEEN PILES FOR DIMENSIONAL LUMBER.
3. FASTEN HEADER PLYS TOGETHER WITH 16d NAILS @ 12" O.C. STAGGERED.
4. FASTEN JAMB STUDS TOGETHER WITH 10d NAILS @ 12" O.C.
5. DIMENSIONAL LUMBER HEADERS: NO. 2 SOUTHERN PINE (SP).
6. ENGINEERED LUMBER (LVL): Fb = 2,850 PSI, Fv = 285 PSI, E = 2,000,000 PSI.

D Typical Header Schedule
1/2" = 1'-0" WOOD--W300



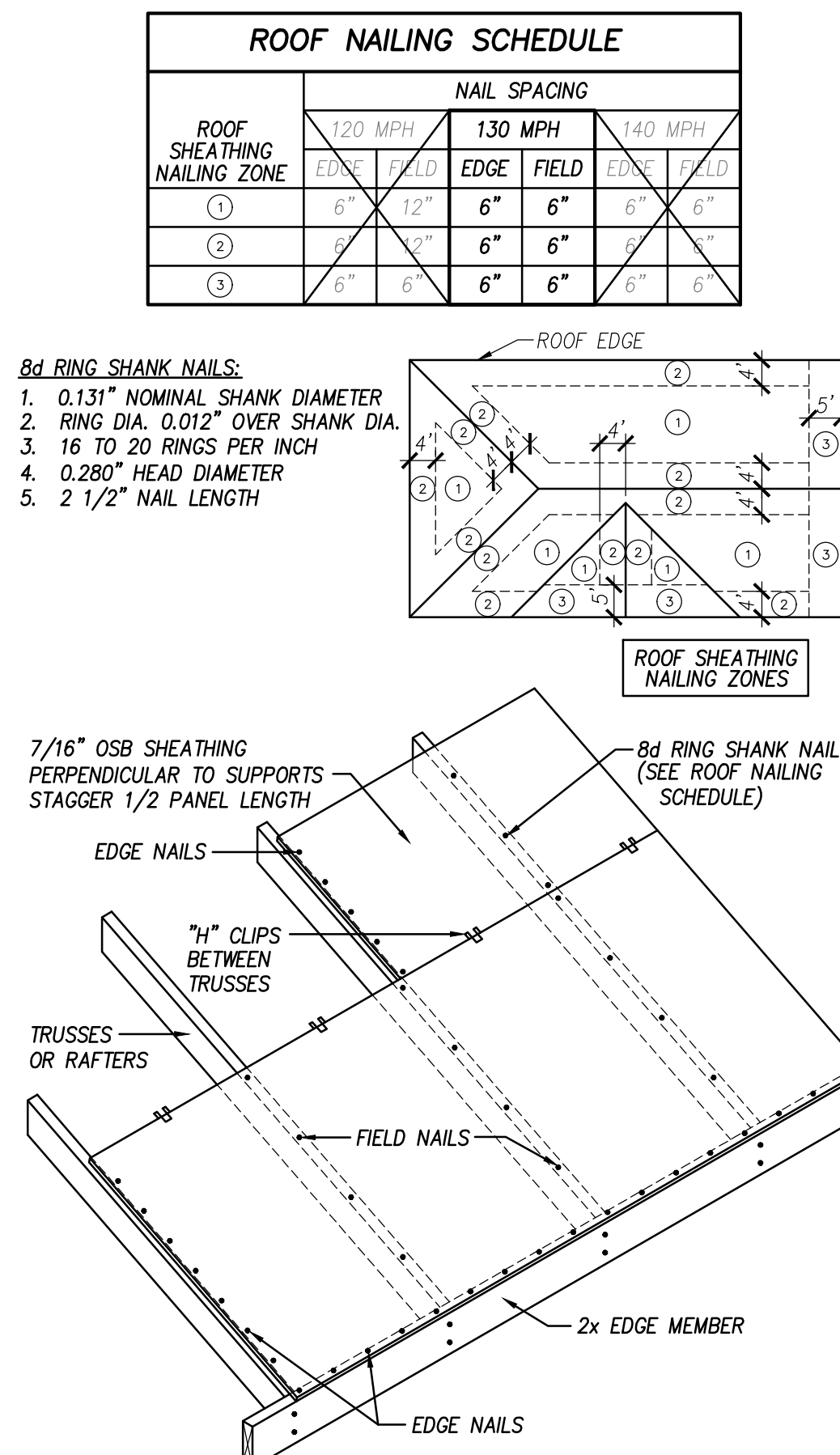
ANCHOR BOLTS: ASTM A36 STEEL, J-BOLTS W/ 7" EMBEDMENT, OR THREADED ROD SET W/ EPOXY, MIN. 5" EMBEDMENT

C Typical Interior Bearing Wall
1/2" = 1'-0" WOOD--W401



ANCHOR BOLTS: ASTM A36 STEEL, J-BOLTS W/ 7" EMBEDMENT, OR THREADED ROD SET W/ EPOXY, MIN. 5" EMBEDMENT

B Typical Exterior Bearing Wall
1/2" = 1'-0" WOOD--W400



A Typical Roof Sheathing Detail
1/2" = 1'-0" WOOD--R000

ROOF NAILING SCHEDULE						
ROOF SHEATHING NAILING ZONE	NAIL SPACING					
	120 MPH		130 MPH		140 MPH	
	EDGE	FIELD	EDGE	FIELD	EDGE	FIELD
①	6"	12"	6"	6"	6"	6"
②	6"	2"	6"	6"	6"	6"
③	6"	6"	6"	6"	6"	6"

