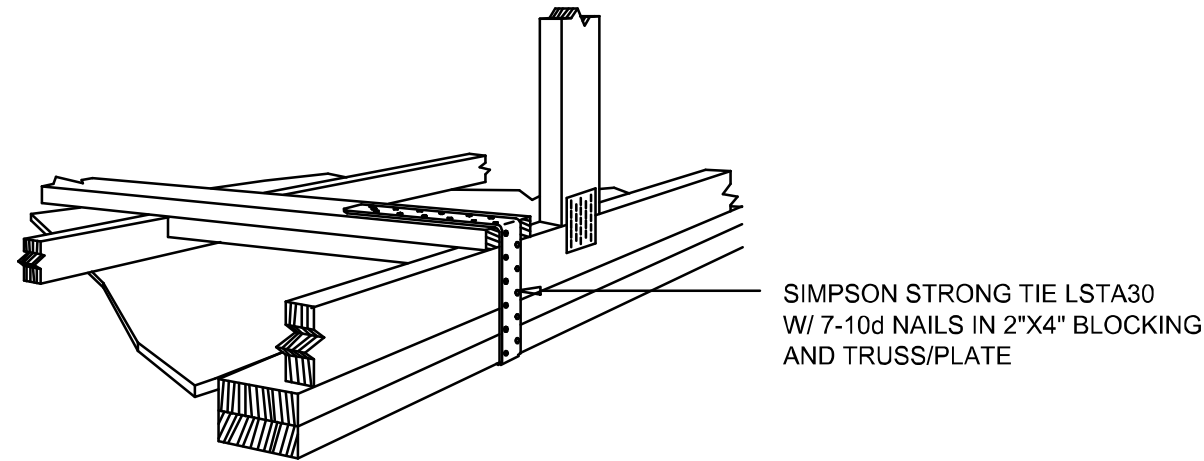
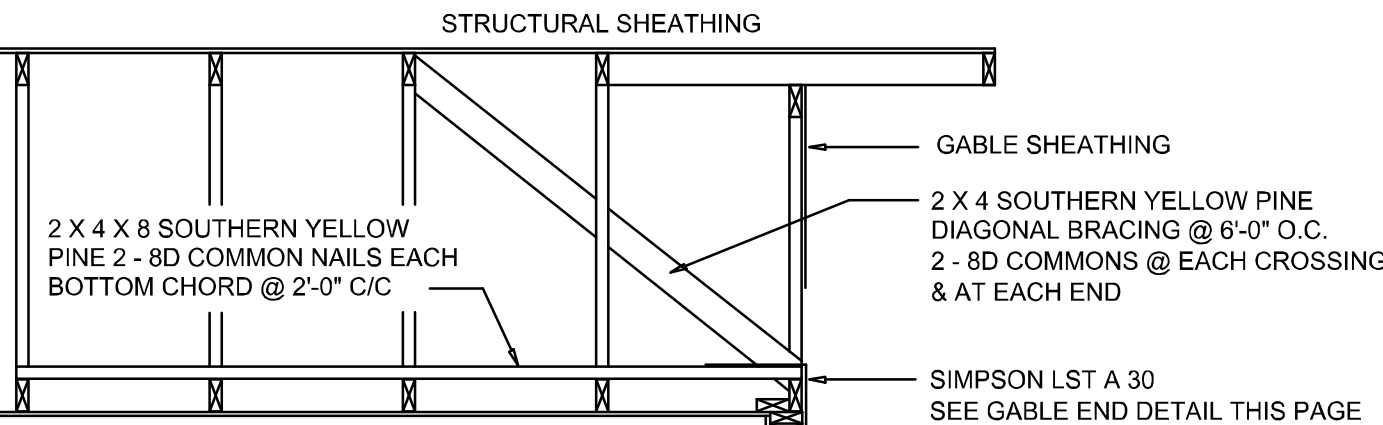




GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR

SCALE: NONE

A.1



END WALL BRACING FOR
CEILING DIAPHRAGM

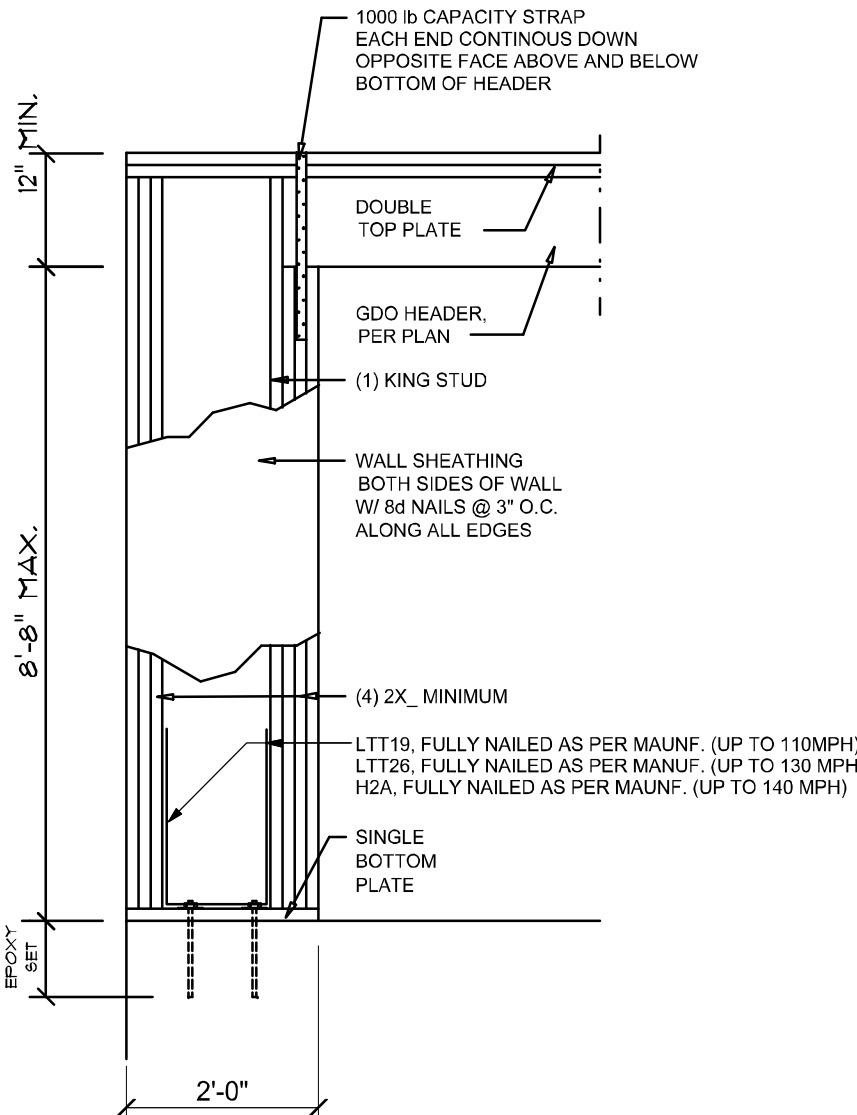
NTS

(ALTERNATIVE TO BALLOON FRAMING)

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

ZONE	AREA (sq ft)	Vult 115 MPH		Vult 130 MPH		Vult 150 MPH		Vult 160 MPH	
		Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
1	10	10.2	-20.5	11.1	-22.1	13	-26	15.1	-30.1
1	20	10	-10	10	-10.5	11.3	-23	13.1	-26.7
1	30	10	-10	10	-10.3	10	-10.2	10.6	-22.2
1	100	10	-12.7	10	-13.8	10	-16.2	10	-18.8
2	10	10.2	-20.2	11.1	-20.3	13	-20.9	15.1	-20.9
2	20	10	-19.1	10	-20.9	11.3	-21.4	13.1	-20.3
2	30	10	-11.9	10	-12.9	10	-13.1	10.2	-17.6
2	100	10	-11.9	10	-12.9	10	-13.1	10	-17.6
2	10	10.2	-20.5	11.1	-22.1	13	-23.1	15.1	-25.4
2	20	10	-20.7	10	-20	11.3	-21.6	13.1	-20.1
2	30	10	-19.2	10	-20.9	10	-21.5	10.2	-20.4
2	100	10	-14.3	10	-15.5	10	-16.2	10	-21.2
3	10	10.2	-32.7	11.1	-30.6	13	-41.7	15.1	-46.4
3	20	10	-34.6	10	-26.7	11.3	-31.4	13.1	-35.4
3	30	10	-14.3	10	-15.5	10	-16.2	10.2	-21.2
3	100	10	-14.3	10	-15.5	10	-16.2	10	-21.2
4	10	14.3	-15.5	15.5	-16.9	16.2	-19.8	21.2	-22.9
4	20	13.6	-14.8	14.8	-16.1	17.4	-19	20.2	-22
4	30	13.8	-14.1	13.9	-15.2	16.3	-17.9	19	-20.7
4	100	13.1	-13.3	13.2	-14.5	15.2	-17.1	18	-20.6
4	500	10.6	-11.9	11.6	-12.9	13.8	-15.1	15.8	-17.6
5	10	14.3	-19.1	15.5	-20.9	16.2	-24.4	21.2	-28.3
5	20	13.6	-17.8	14.8	-19.4	17.4	-22.8	20.2	-26.4
5	30	13.8	-16.1	13.9	-17.6	16.3	-20.6	19	-23.9
5	100	13.1	-14.8	13.2	-16.1	15.2	-19	18	-22
5	500	10.6	-11.9	11.6	-12.9	13.8	-15.1	15.8	-17.6



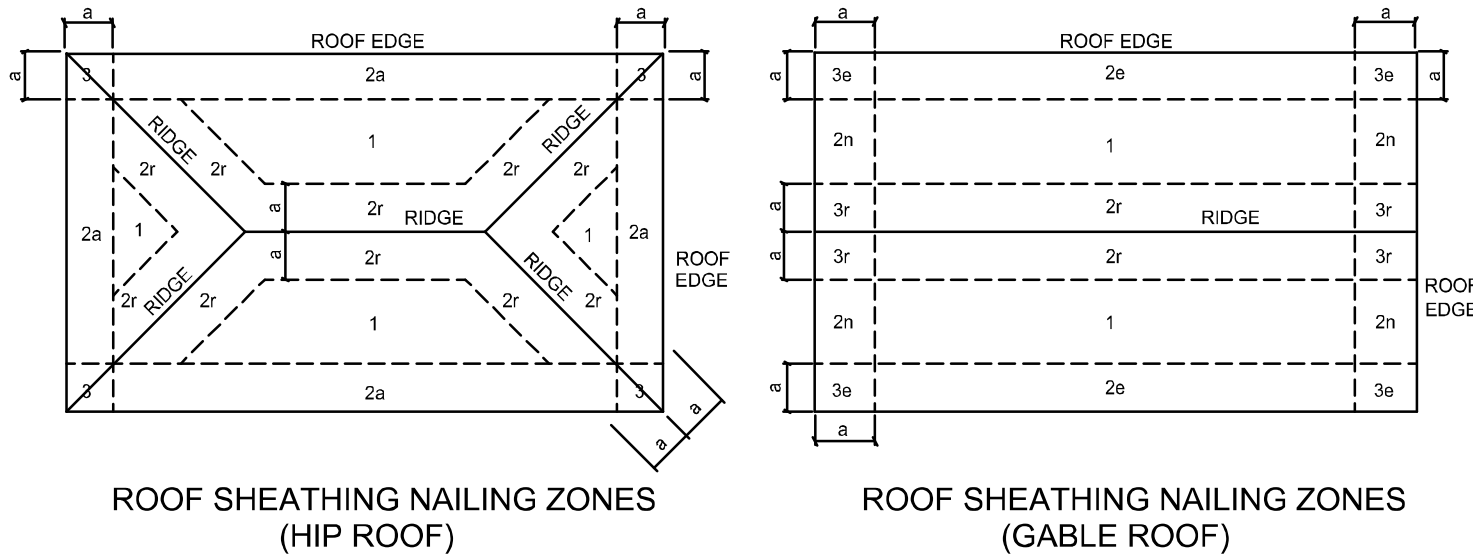
Garage End Wall DETAIL

SCALE: NTS

G

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1			6 in. o.c. EDGE 6 in. o.c. FIELD
2	7/16" O.S.B. OR 19/32 CDX PLYWOOD	10d RING SHANK	4 in. o.c. EDGE 6 in. o.c. FIELD 4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD
3			

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT (ft.)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	.82	1.21	1.41
20	.88	1.28	1.55
25	.94	1.35	1.61
30	1.00	1.40	1.66

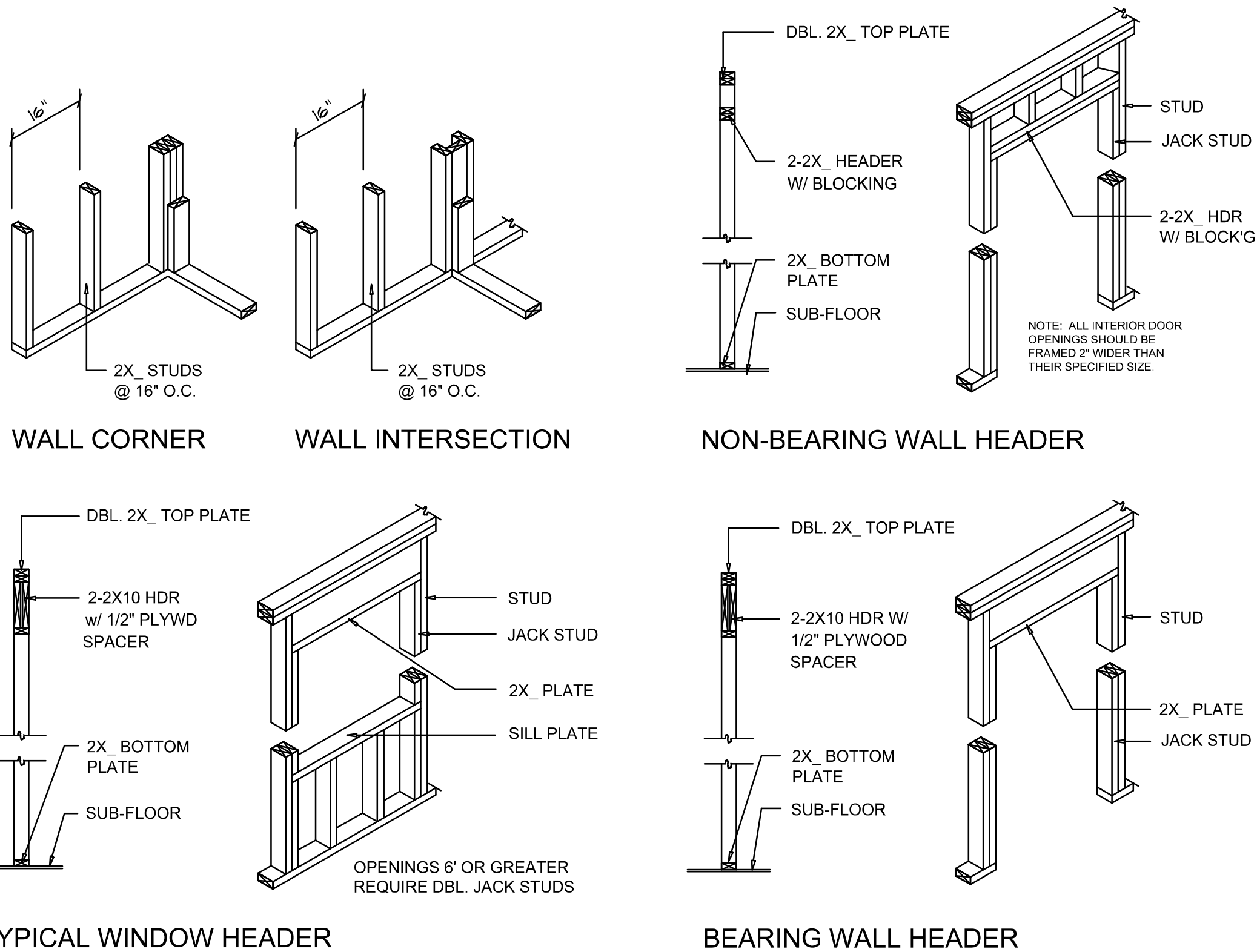


Roof Nail Pattern DET.

SCALE: NONE

B

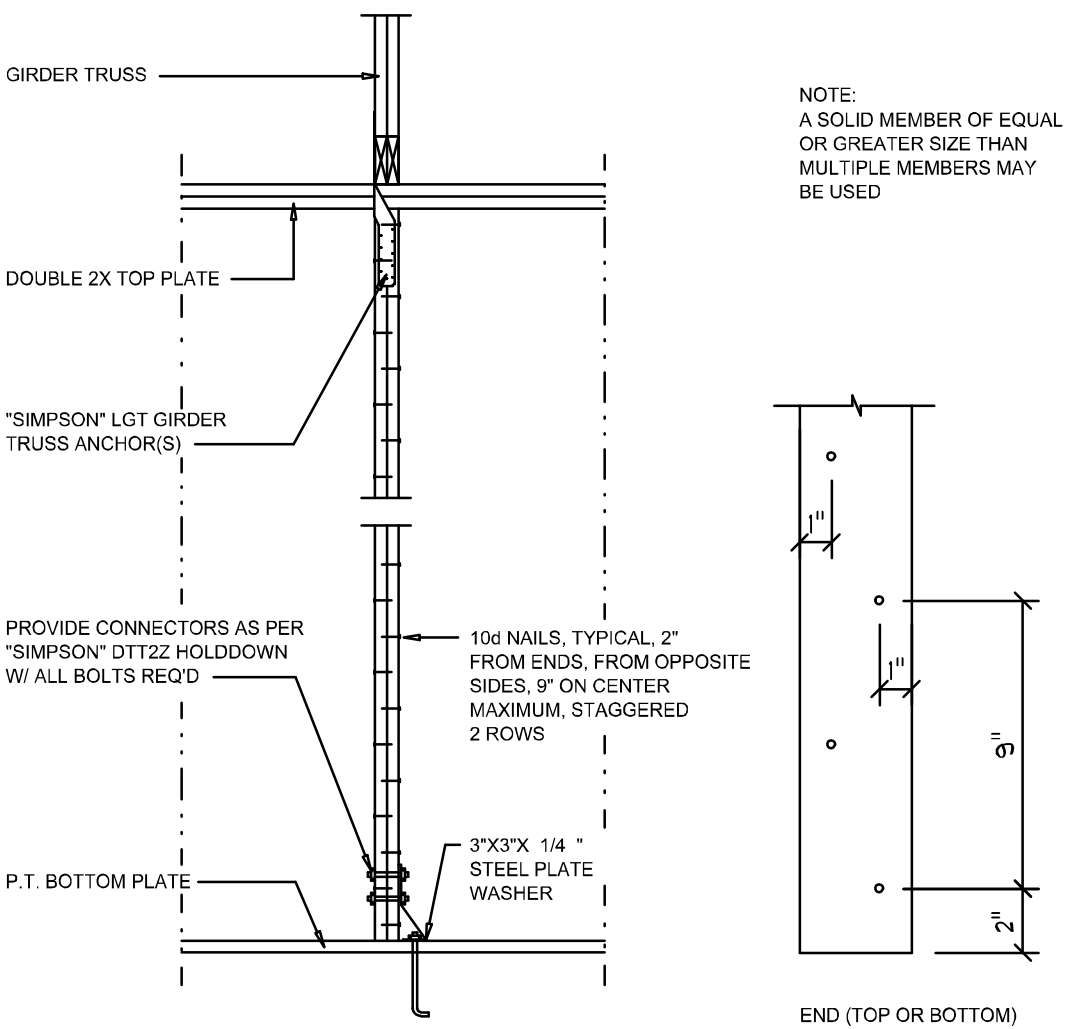
HEADER SPANS FOR EXTERIOR BEARING WALLS					
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)			
		20'	28'	36'	
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1
	2-2x6	5'-5"	1	4'-8"	1
	2-2x8	6'-10"	1	5'-11"	2
	2-2x10	8'-5"	2	7'-3"	2
	2-2x12	9'-9"	2	8'-5"	2
	3-2x8	8'-4"	1	7'-5"	1
	3-2x10	10'-6"	1	9'-1"	2
	3-2x12	12'-2"	2	10'-7"	2
	4-2x8	9'-2"	1	8'-4"	1
	4-2x10	11'-8"	1	10'-6"	1
	4-2x12	14'-1"	1	12'-2"	2
				10'-11"	1



Wall Framing/Header DETAILS

SCALE: NONE

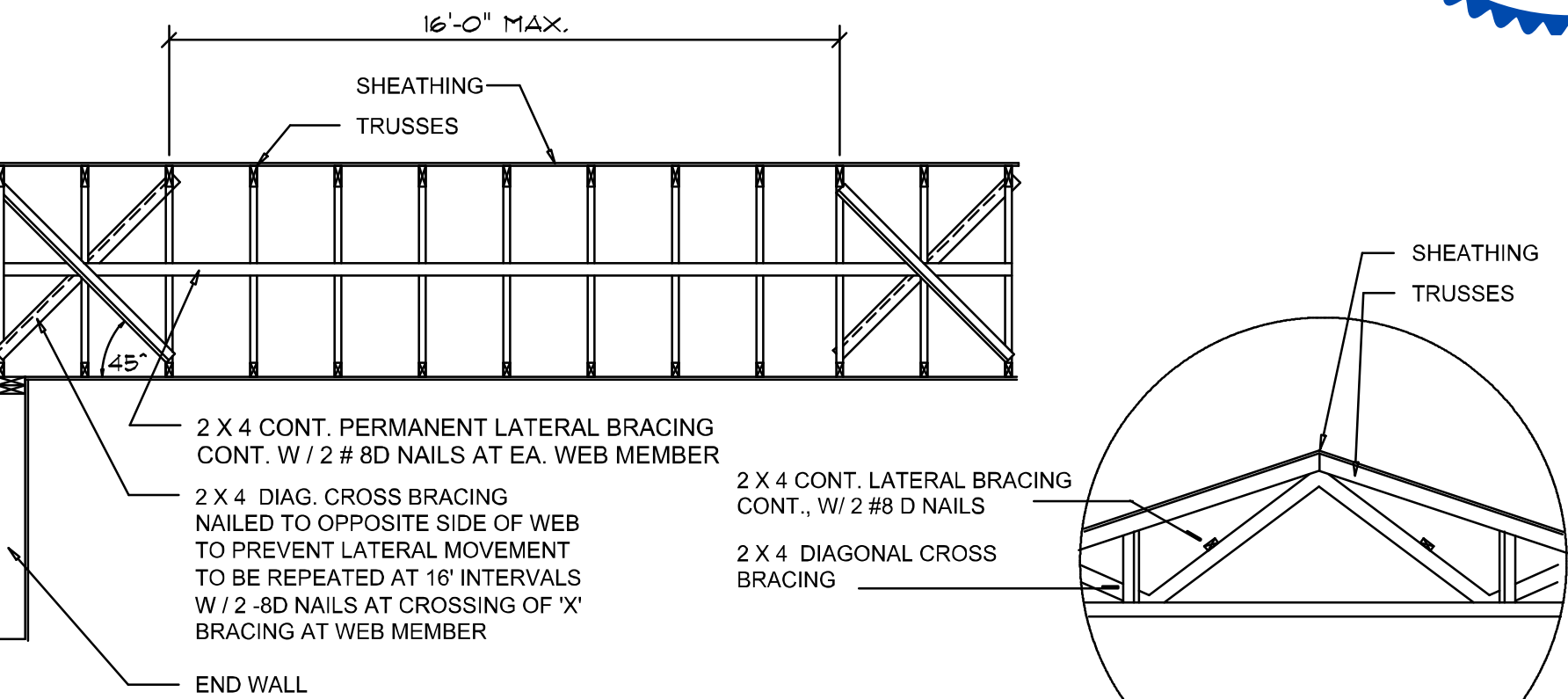
F



Girder Truss Column DET.

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

C



TYP. PERMANENT TRUSS BRACING DIA.

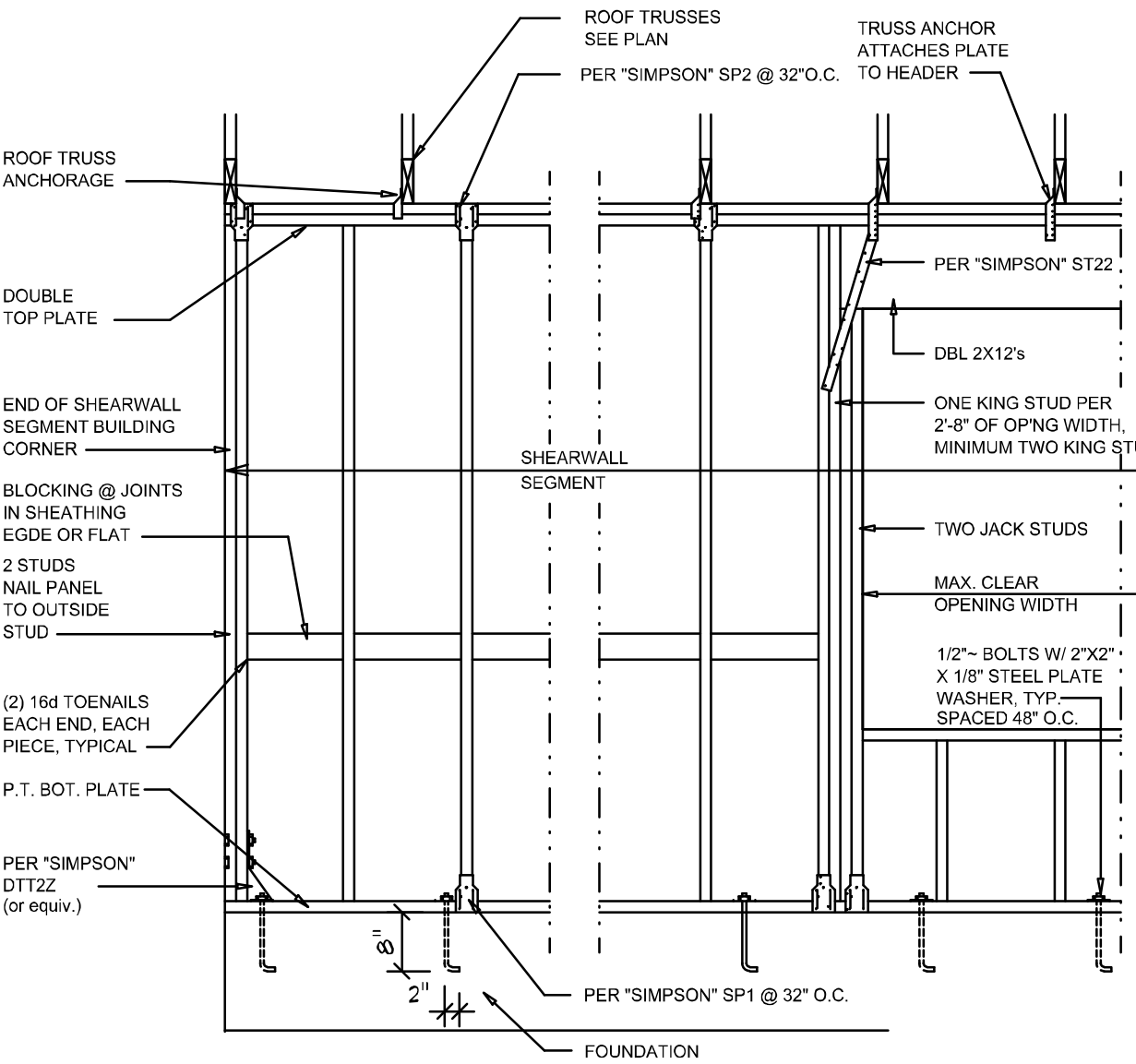
NTS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS

SCALE: AS NOTED

D



- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-97 SBCI 305.4.3.
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
 - ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURRING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
 - NAIL SPACING SHALL BE 4" O.C. EDGES AND 8" O.C. IN THE FIELD.
 - TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'-0" WALLS (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

Shear Wall DETAILS

SCALE: NONE

E

REVISIONS

May 14, 2026

SOFTPLAN

ARCHITECTURAL DESIGN SOFTWARE

DETAILS SHEET

1/4" = 1'-0"

A CUSTOM HOME DESIGN FOR:

Bart & Leslie Drake

PROJECT ADDRESS: SW Cheffland Lane, Ft. White, Florida (Columbia County)

Digitally signed by Nicholas P Geisler

Date: 2026.05.14 21:44:00 -04'00'

ARCOO1005

NICHOLAS PAUL GEISLER

ARCHITECT

N.C.A.R.B. Certified

1758 NW Brown Rd.
Lake City, FL 32865
(386) 365-4355

JOB NUMBER

20260224

SHEET NUMBER

S.4

OF 4 SHEETS