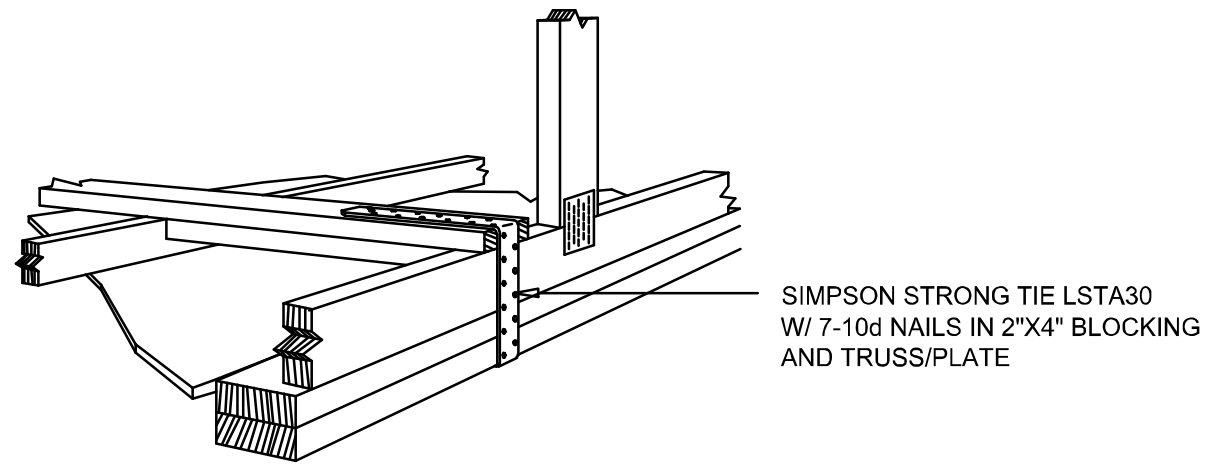
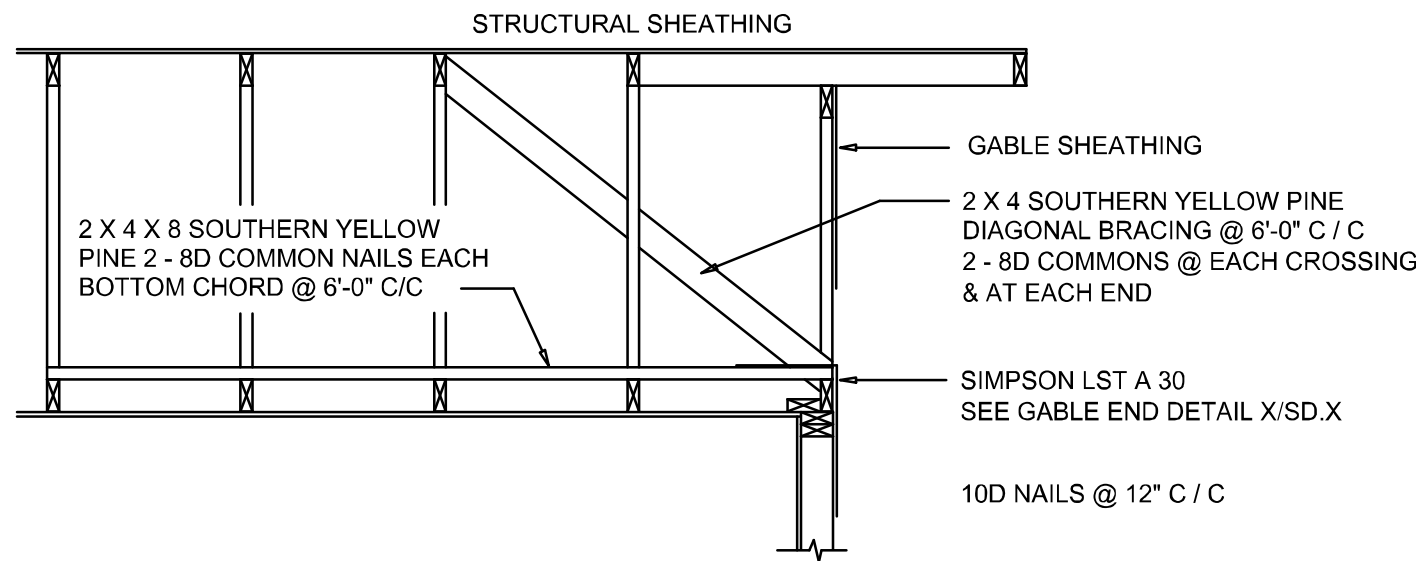




GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

A.1

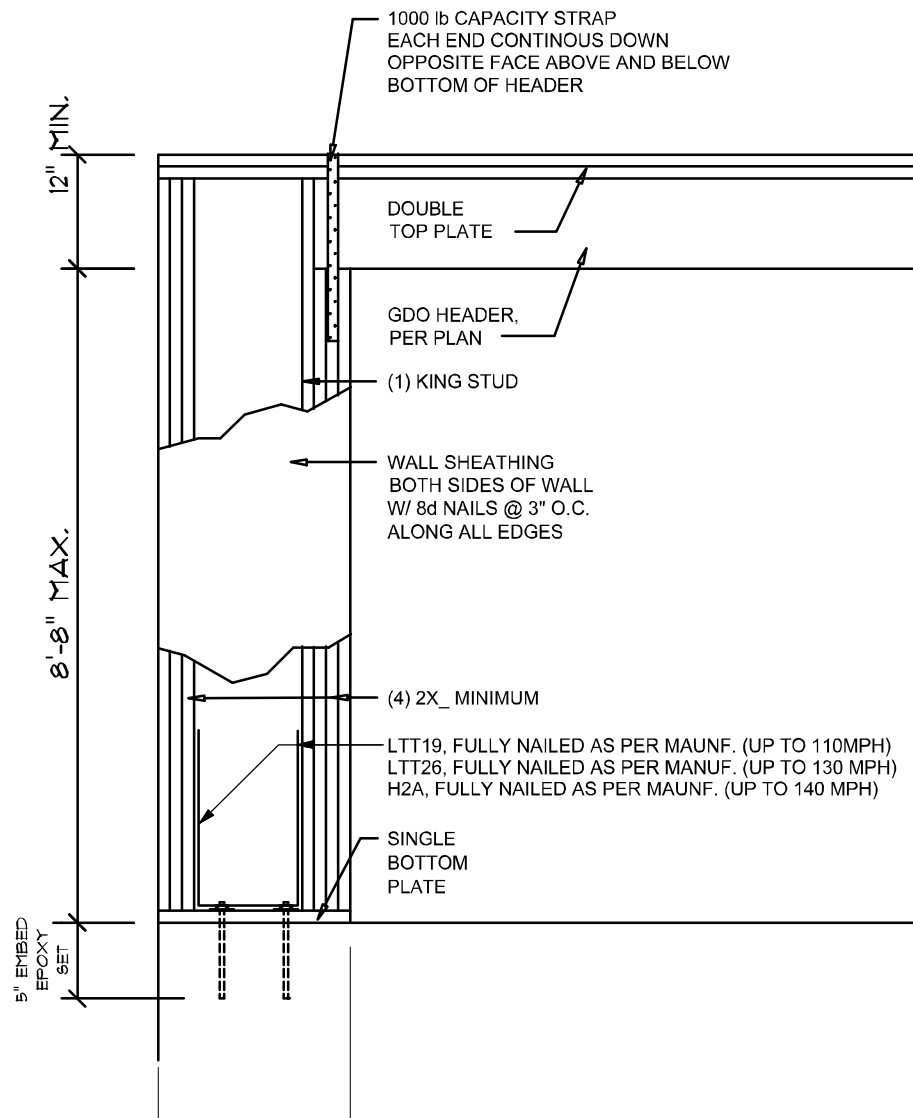


END WALL BRACING FOR CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON FRAMING)

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

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"						
	ZONE	AREA	Vult 110 MPH	Vult 120 MPH	Vult 130 MPH	Vult 140 MPH
ROOF 7" TO 27"	1	10	12.0 / -19.9	14.9 / -23.7	17.5 / -27.8	20.3 / -32.3
	1	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.5 / -31.4
	1	50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
WALL	2	10	12.5 / -34.7	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2
	2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.5 / -51.7
	2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.7
WALL	3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1
	3	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.5 / -77.7
	3	50	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
WALL	4	10	21.8 / -23.6	25.9 / -34.7	30.4 / -33.0	35.3 / -38.2
	4	20	20.8 / -22.6	24.7 / -26.9	29.0 / -31.6	33.7 / -36.7
	4	50	19.5 / -21.3	23.2 / -25.4	27.2 / -28.8	31.6 / -34.6
WALL	5	10	21.8 / -29.1	25.9 / -34.7	30.4 / -40.7	35.3 / -47.2
	5	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -44.0
	5	50	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8



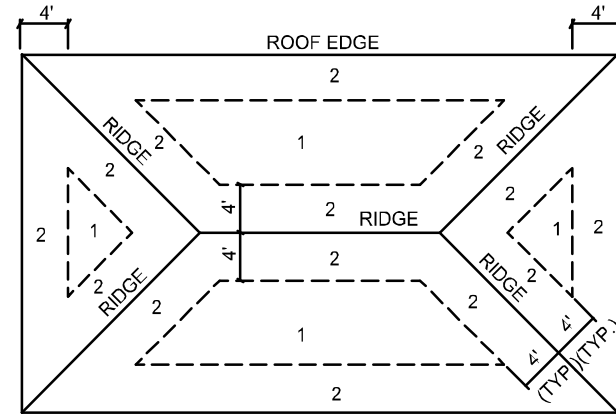
Garage End Wall DETAIL

SCALE: NTS

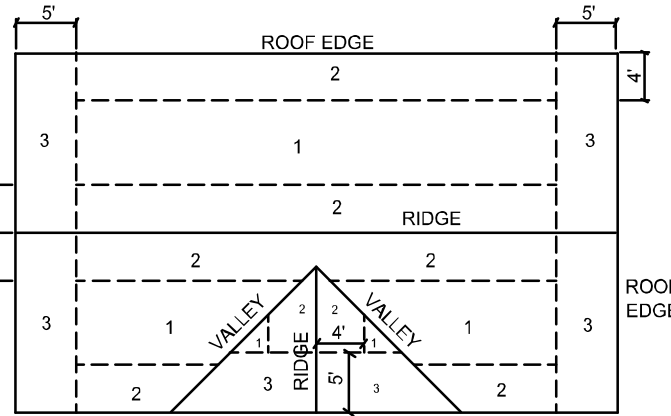
G

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16" O.S.B. OR 15/32 CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



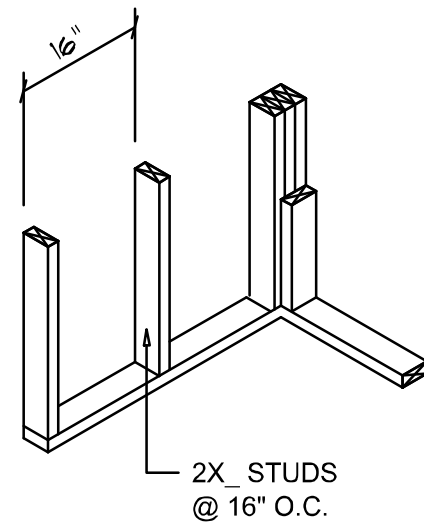
ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.

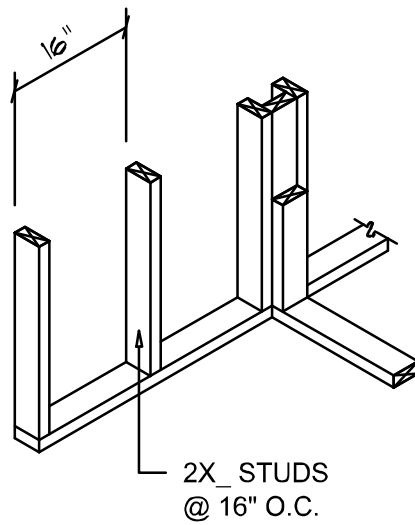
SCALE: NONE

B

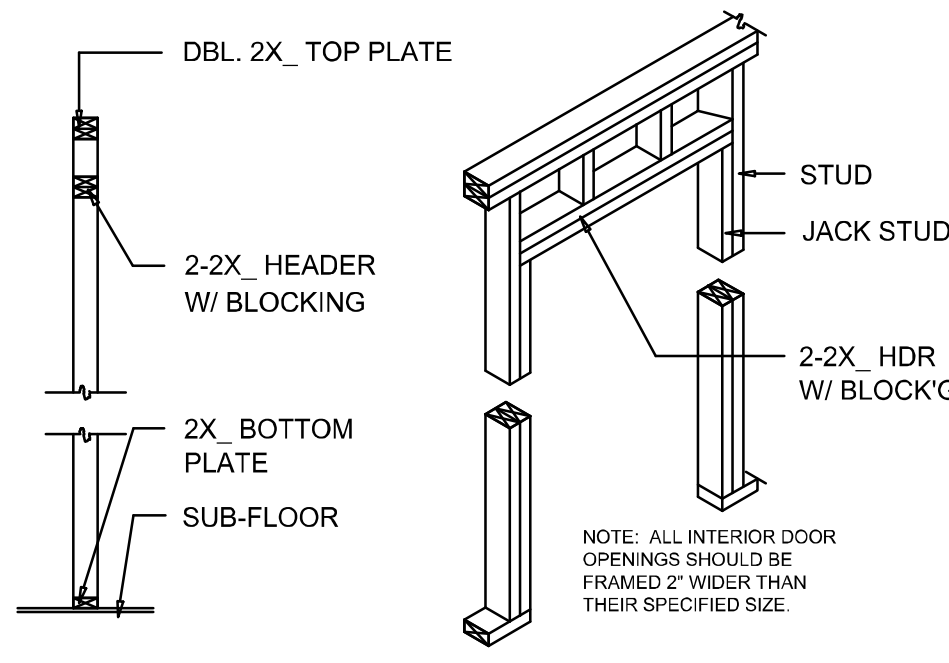
HEADER SPANS FOR EXTERIOR BEARING WALLS						
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)				
		20'	28'	36'		
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1	2'-10"
	2-2x6	5'-5"	1	4'-8"	1	4'-2"
	2-2x8	6'-10"	1	5'-11"	2	5'-4"
	2-2x10	8'-5"	2	7'-3"	2	6'-6"
	2-2x12	9'-9"	2	8'-5"	2	7'-6"
	3-2x8	8'-4"	1	7'-5"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



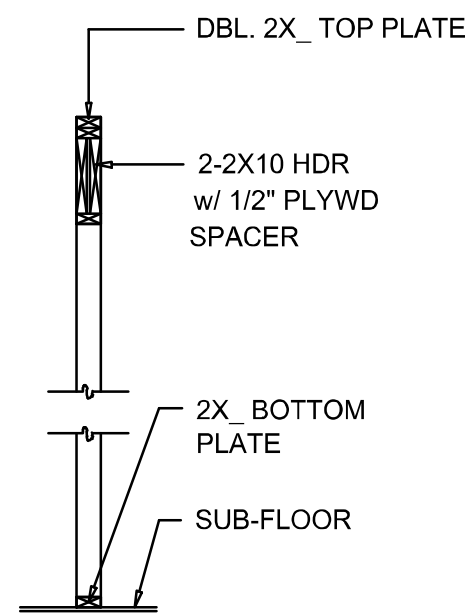
WALL CORNER



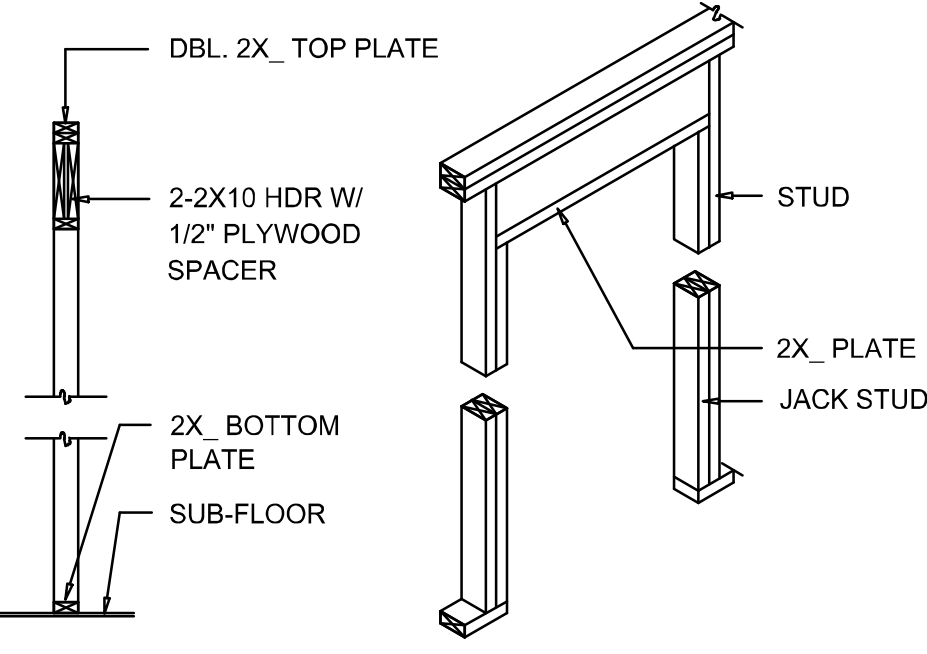
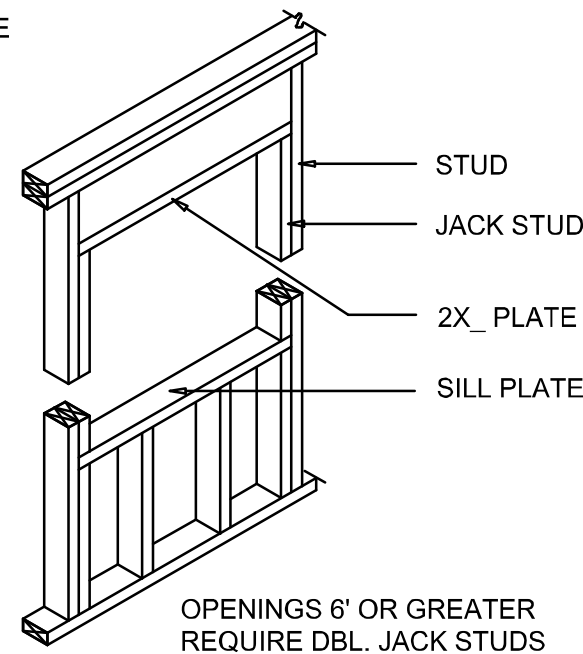
WALL INTERSECTION



NON-BEARING WALL HEADER



TYPICAL WINDOW HEADER



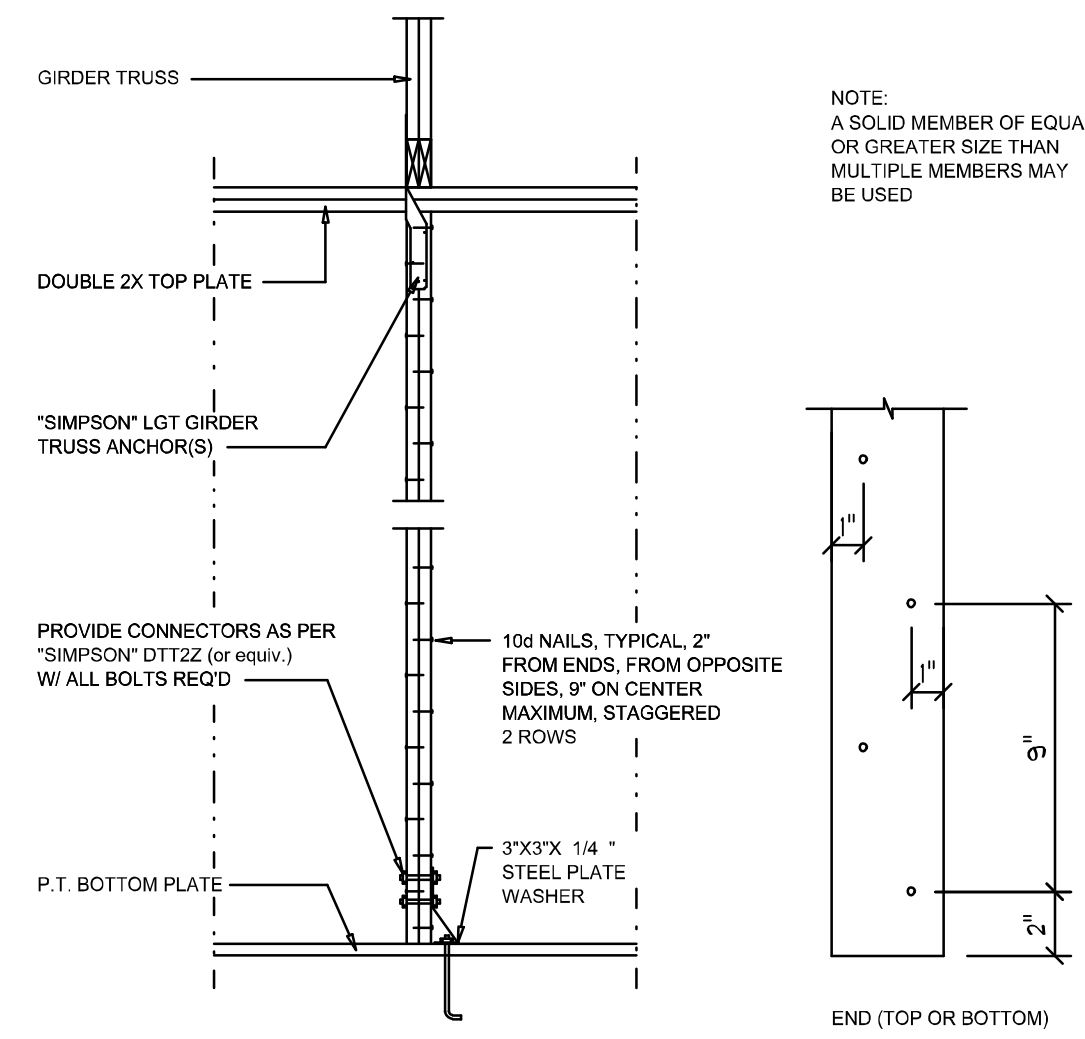
BEARING WALL HEADER

Wall Framing/Header DETAILS

SCALE: NONE

F

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

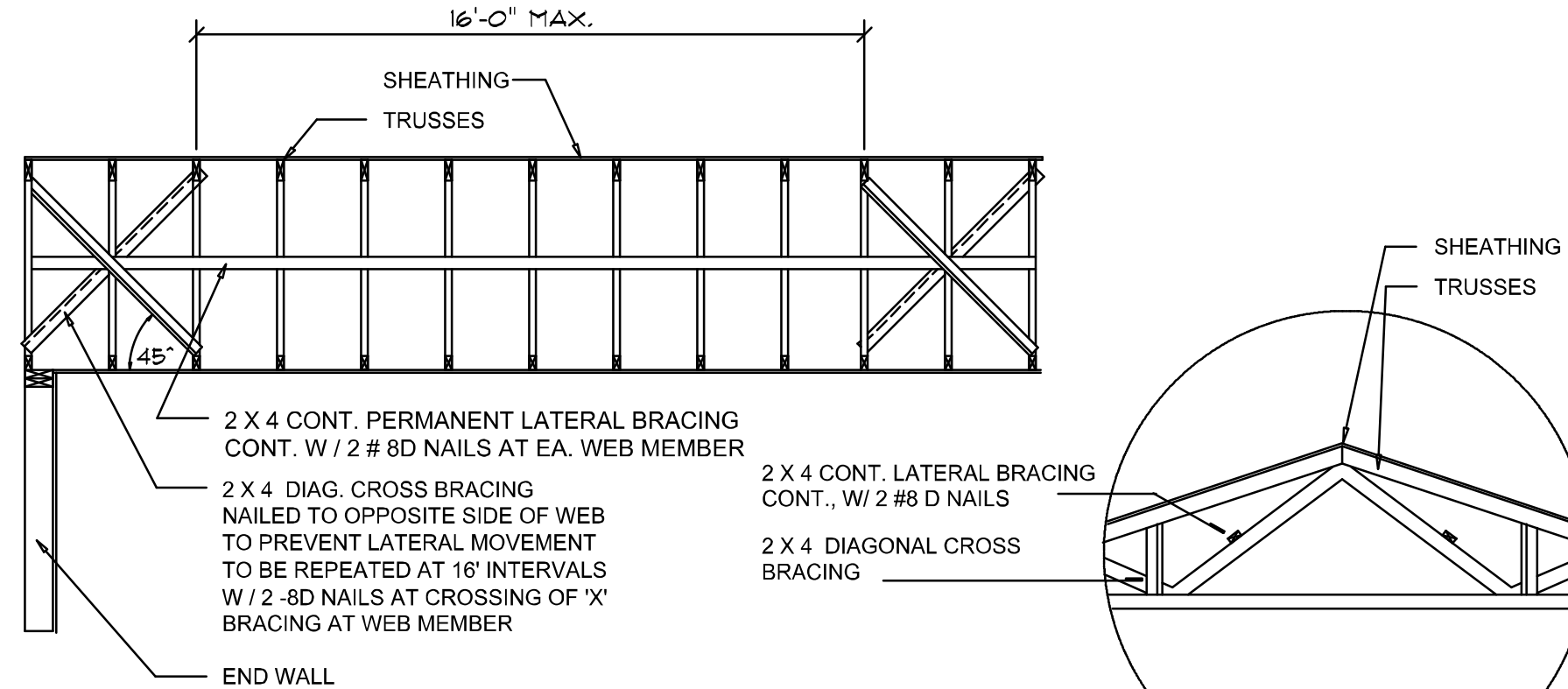


Girder Truss Column DET.

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

"WindSTORM" ALT. SHEATHING METHOD:
ALTERNATIVE METHOD FOR ANCHORING THE TOP WALL PLATE TO THE FOUNDATION IN LIEU OF THE SPI/SP2 OR SP4 STRAPS INDICATED IN THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL ALLOWED AS FOLLOWS:
1. APPLY VERTICALLY, "WindSTORM" 7/16" OSB 48" X 97", 109", 121" OR 140" SHEATHING FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d COMMONS @ 3" O.C. OR 8d COMMONS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d COMMONS @ 6" O.C. OR 8d COMMONS @ 8" O.C.

Alternate "Titan" bolt concrete anchor system
ANCHOR SILL PLATE WITH 5/8" TITAN ANCHOR BOLT PLACED AT 4" O.C. AROUND PERIMETER OF SLAB AND ALL INTERIOR BEARING WALLS.



TYP. PERMANENT TRUSS BRACING DIA.

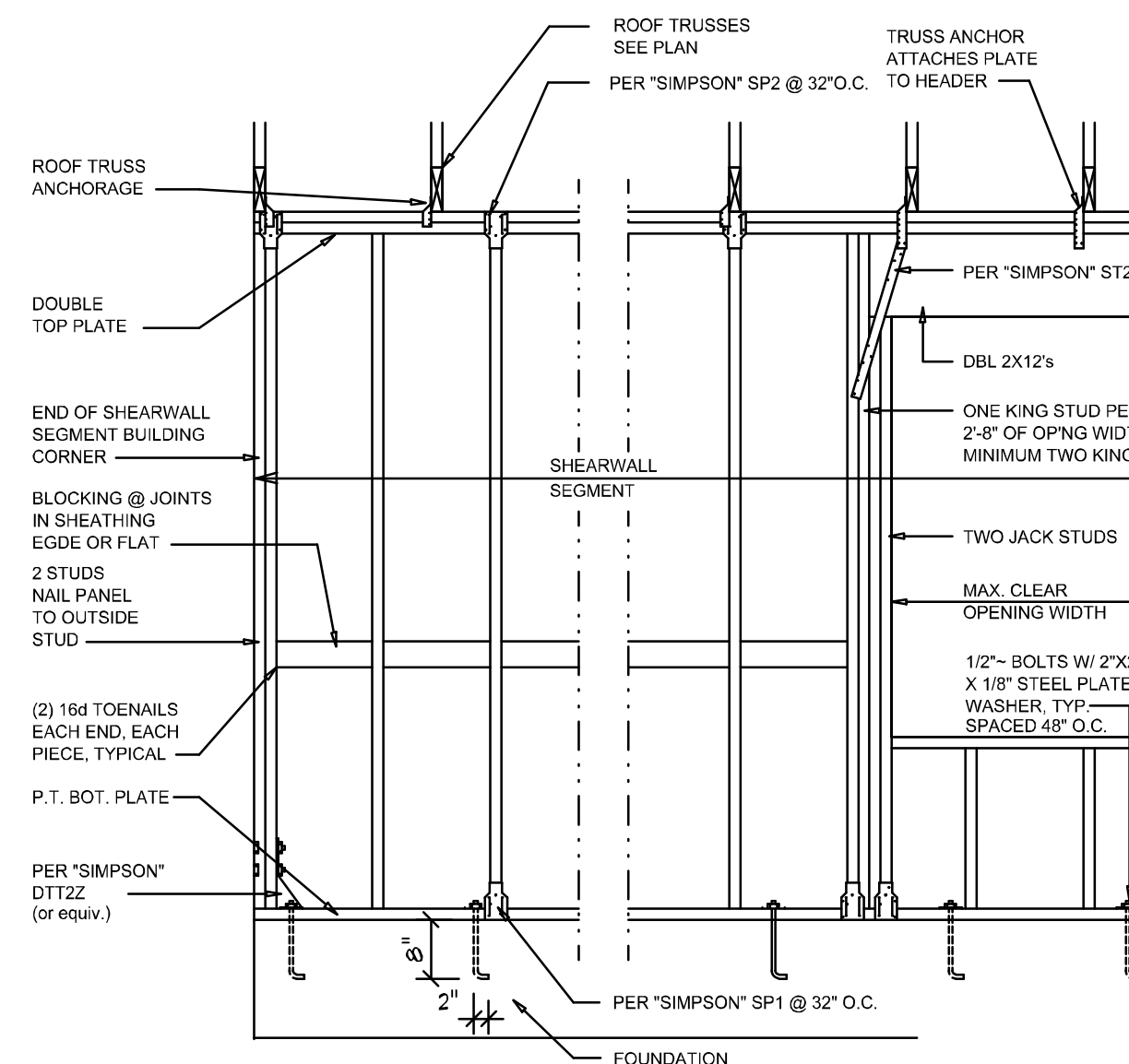
NTS

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 OPENING S.
 - 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 56 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	
January 05, 2021	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

A CUSTOM HOME FOR:
INGRID COX
PROJECT ADDRESS: RIVER RISE PARK, COLUMBIA COUNTY, FLORIDA 32024
LDM CONSTRUCTION
HIGH SPRINGS, FLORIDA

Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US
O = AR0007005 OU = ARCHITECT
Date: 2021.08.11 11:48:36 -05'00'

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(386) 385-4355

JOB NUMBER
20201117

SHEET NUMBER
S.4
OF 4 SHEETS