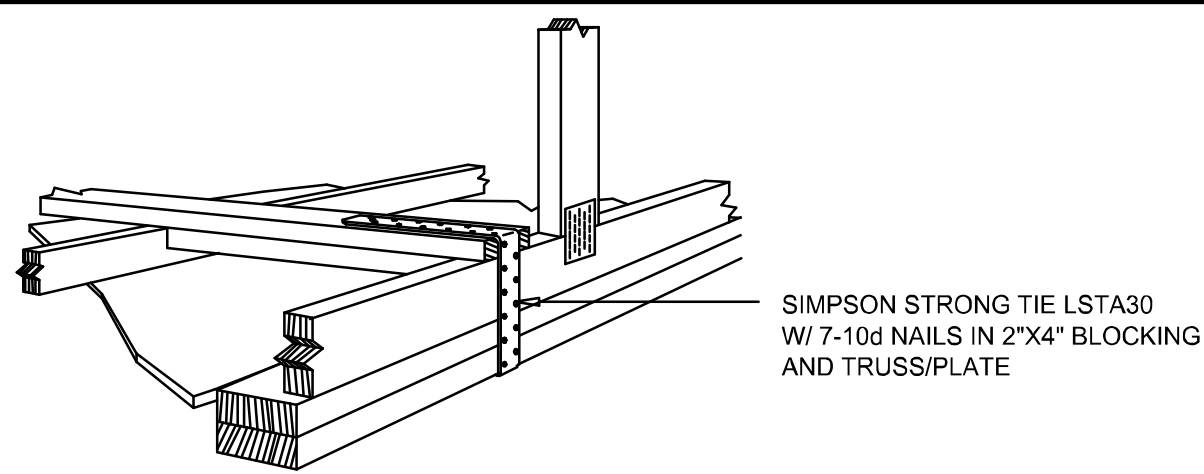
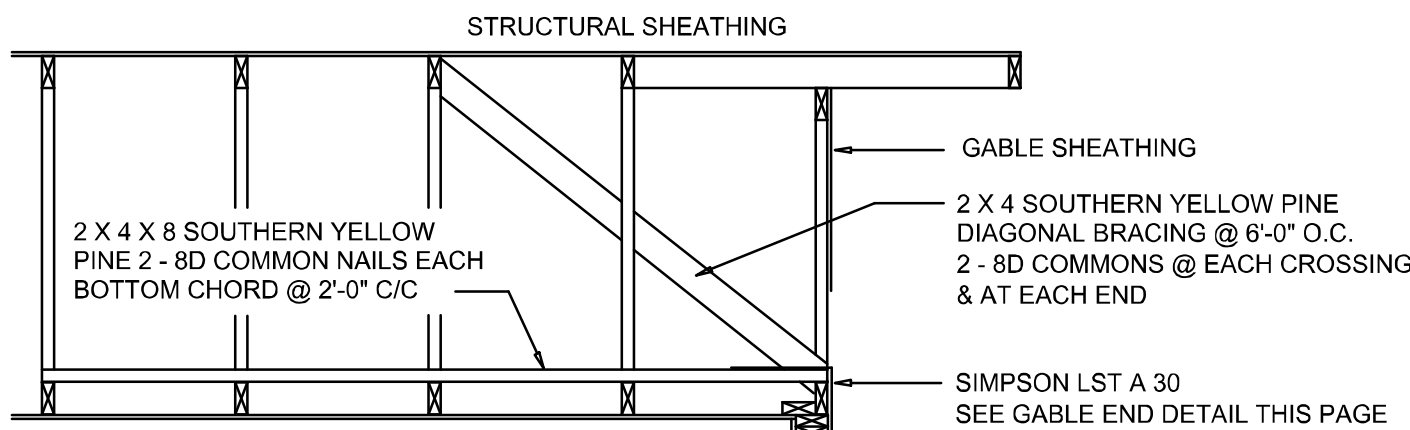




GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

A.1

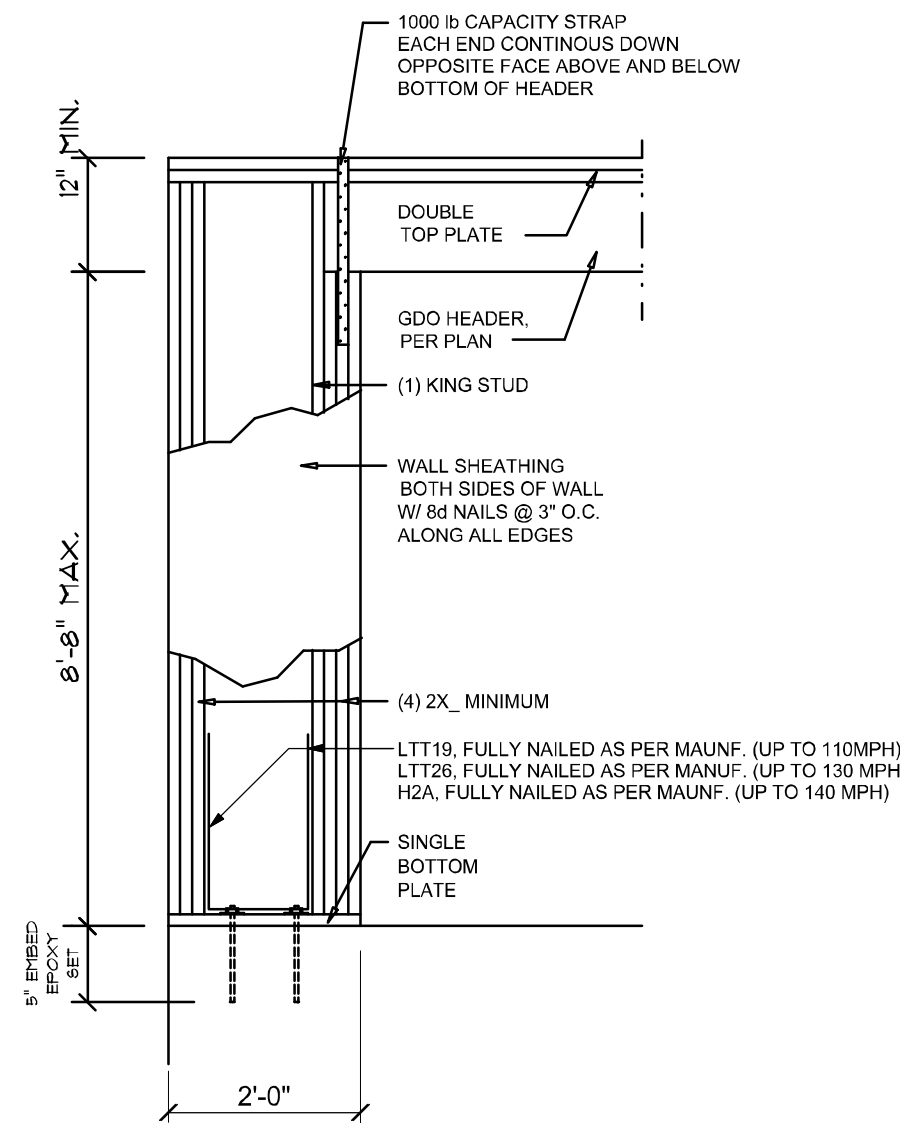


END WALL BRACING FOR CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

ZONE	AREA (ft ²)	Vult 115 MPH				Vult 120 MPH				Vult 130 MPH				Vult 140 MPH			
		Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ROOF 21° TO 45°	1	10	10.2	-26.7	-11.1	-25.1	13	-26	15.1	-36.1							
	1	20	10	-18	10	-19.6	11.3	-23	13.1	-36.7							
	1	30	10	-16	10	-16.3	10	-19.2	10.6	-32.2							
	1	100	10	-12.7	10	-13.9	10	-12.2	10	-18.8							
	3a	10	10.2	-26.7	-11.1	-25.1	13	-26.9	15.1	-35.9							
	3a	20	10	-16.1	10	-20.9	11.3	-24.4	13.1	-38.3							
	3a	30	10	-11.9	10	-12.9	10	-15.1	10.6	-17.6							
	3a	100	10	-11.9	10	-12.9	10	-15.1	10	-17.6							
	21	10	10.2	-36.6	-11.1	-33.3	13	-39.1	15.1	-48.4							
	21	20	10	-26.7	10	-29	11.3	-33.6	13.1	-38.1							
	21	30	10	-19.2	10	-20.9	10	-24.5	10.6	-28.4							
	21	100	10	-14.3	10	-15.5	10	-18.2	10	-21.2							
	3	10	10.2	-32.7	-11.1	-30.6	13	-41.7	15.1	-48.4							
	3	20	10	-24.6	10	-26.7	11.3	-31.4	13.1	-36.4							
	3	30	10	-14.3	10	-16.5	10	-20.2	10.6	-27.2							
	3	100	10	-14.3	10	-15.5	10	-18.2	10	-21.2							
WALL	4	10	14.3	-15.5	15.5	-16.9	18.2	-19.8	21.2	-23.9							
	4	20	13.6	-14.8	14.8	-16.1	17.4	-19	20.2	-22							
	4	30	12.6	-14	13.9	-15.2	16.3	-17.9	19	-20.7							
	4	100	12.1	-13.5	13.5	-14.8	15.8	-17.1	18	-19.4							
	4	100	10.6	-11.9	11.6	-12.9	13.6	-15.1	15.8	-17.6							
	5	10	14.3	-19.1	19.5	-20.9	18.2	-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	12.6	-16.1	13.9	-17.6	16.3	-20.6	19	-23.6							
	5	100	12.1	-14.3	13.2	-16.1	15.5	-19	18	-22							
	5	100	10.6	-11.9	11.6	-12.9	13.6	-15.1	15.8	-17.6							



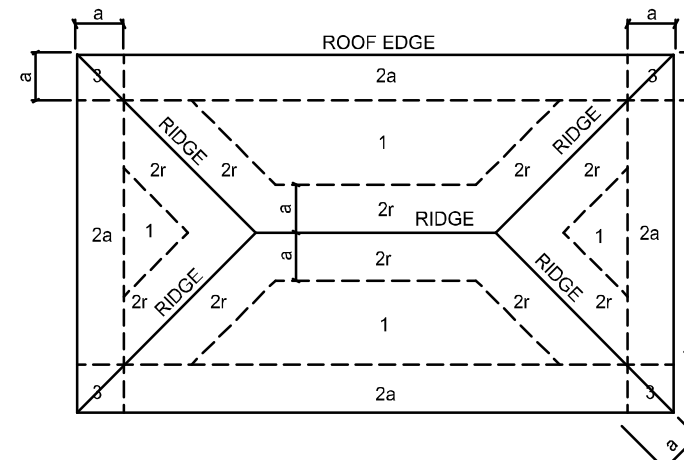
Garage End Wall DETAIL

SCALE: NTS

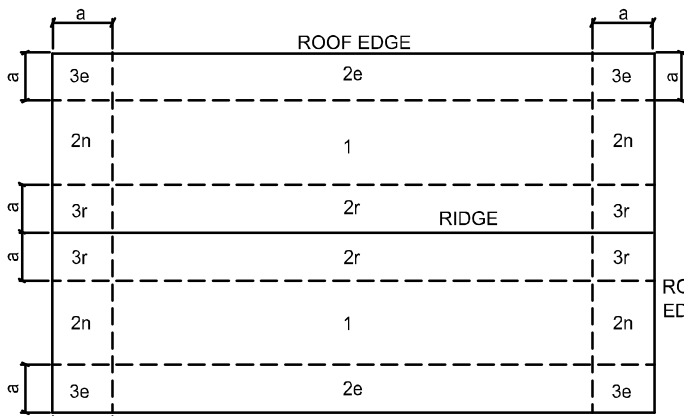
G

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16" O.S.B. OR 19/32 CDX PLYWOOD	10d RING SHANK	6 in. o.c. EDGE 6 in. o.c. FIELD
2			4 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 (ft)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	.82	1.21	1.47
20			
25			
30	1.00	1.40	1.66



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



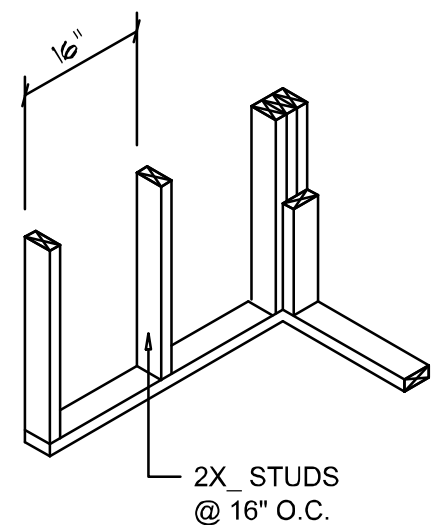
ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.

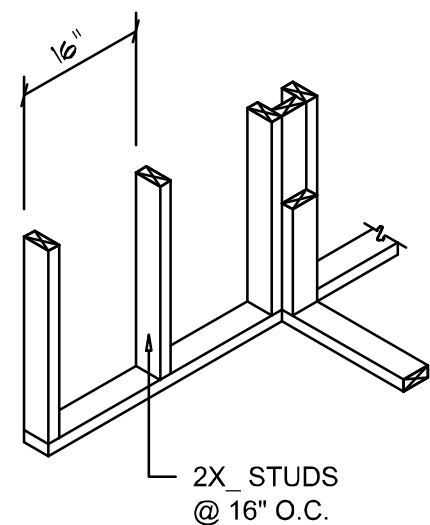
SCALE: NONE

B

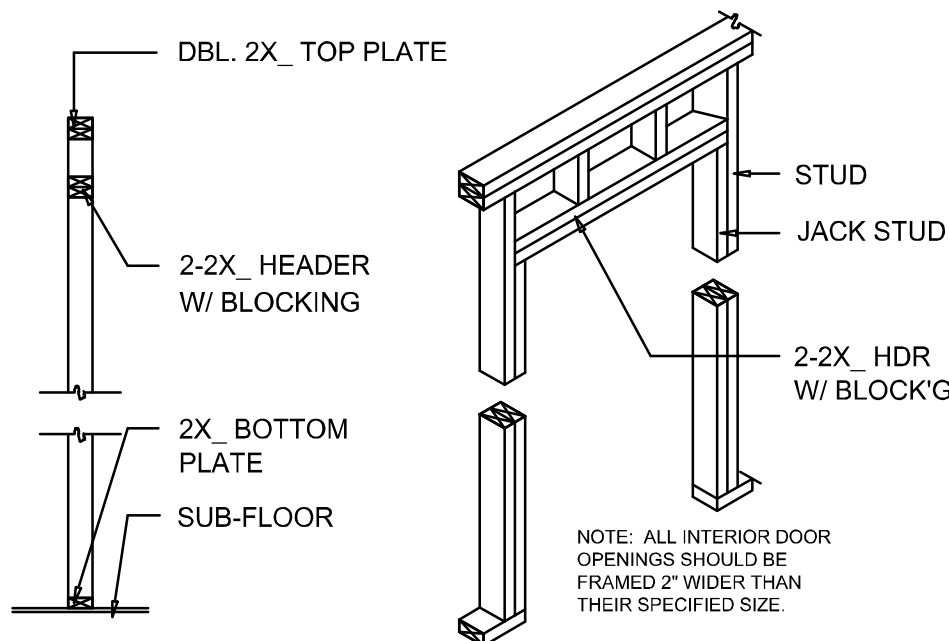
HEADER SPANS FOR EXTERIOR BEARING WALLS					
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)			
		20'		28'	
		SPAN	# JACKS	SPAN	# JACKS
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1
	2-2x6	5'-5"	1	4'-8"	1
	2-2x8	6'-10"	1	5'-11"	2
	2-2x10	8'-5"	2	7'-3"	2
	2-2x12	9'-9"	2	8'-5"	2
	3-2x8	8'-4"	1	7'-5"	1
	3-2x10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



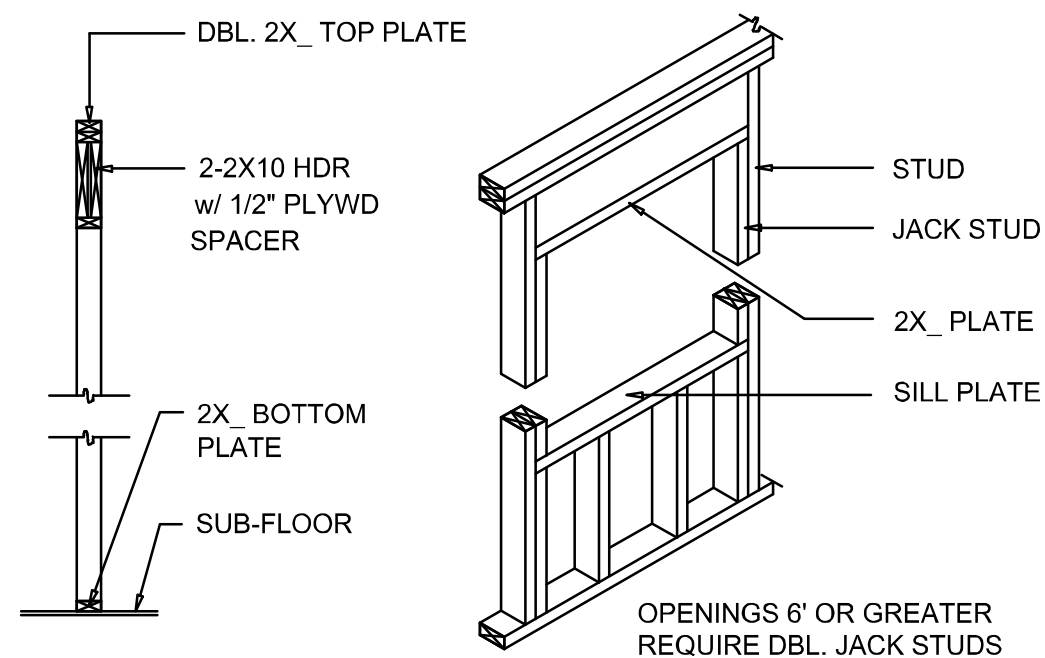
WALL CORNER



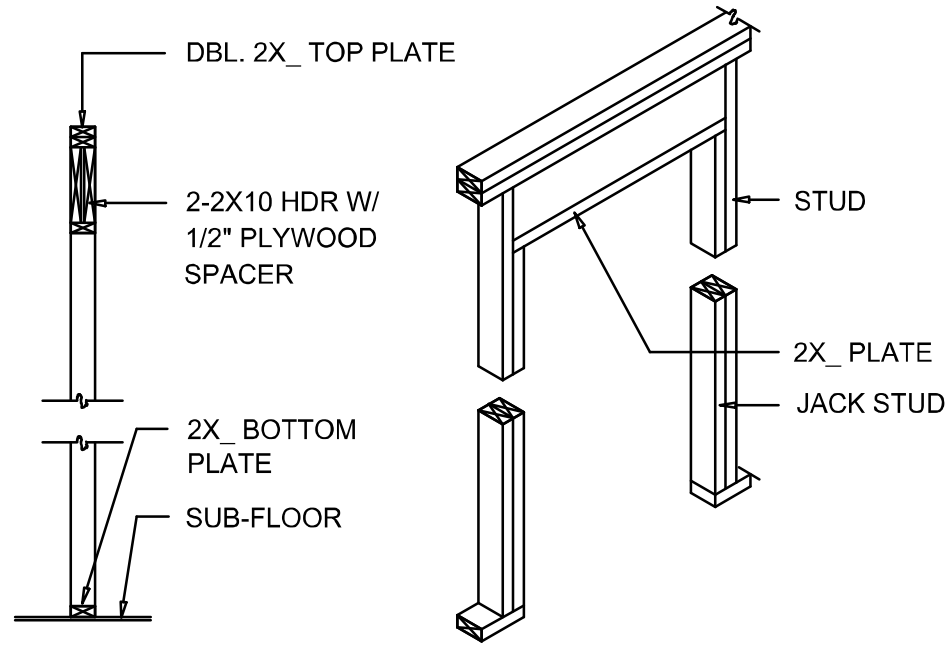
WALL INTERSECTION



NON-BEARING WALL HEADER



TYPICAL WINDOW HEADER

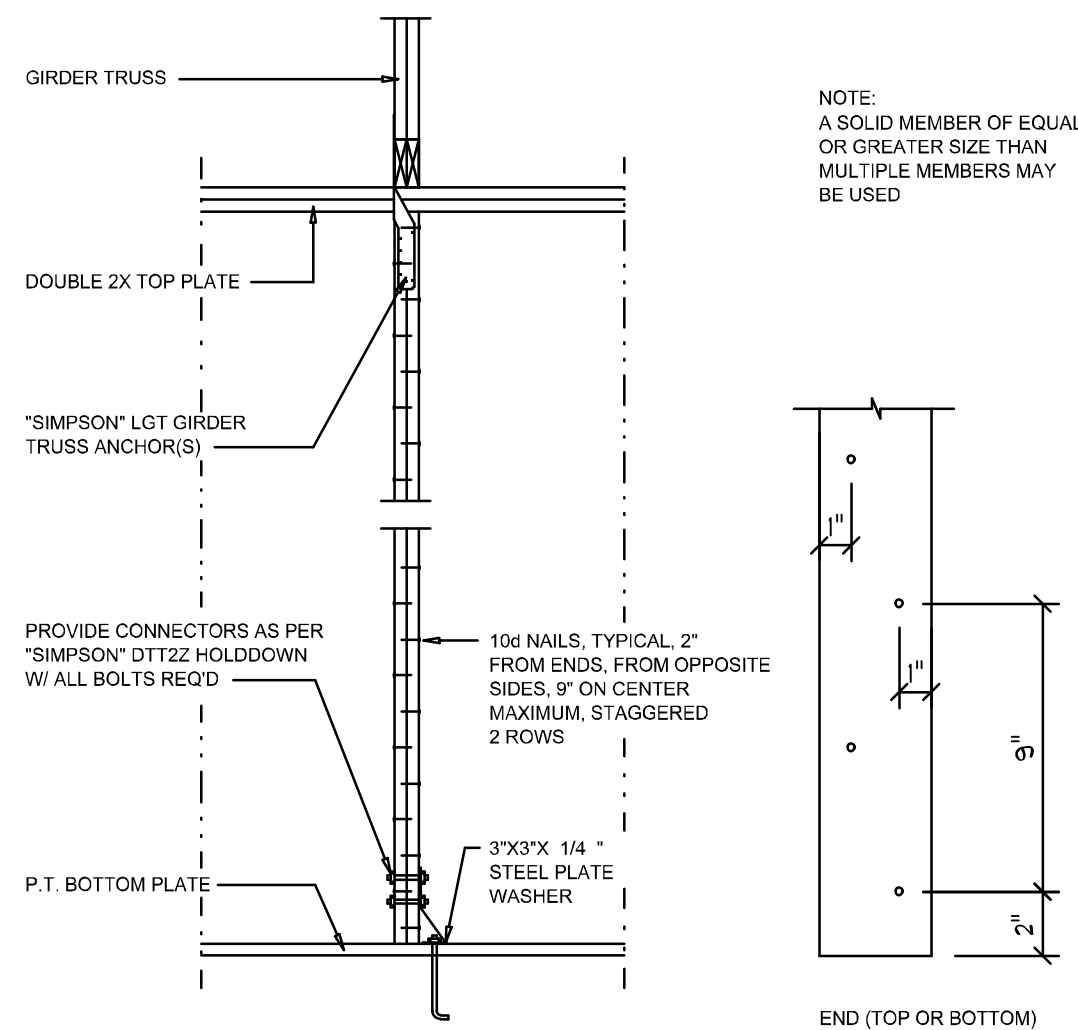


BEARING WALL HEADER

Wall Framing/Header DETAILS

SCALE: NONE

F

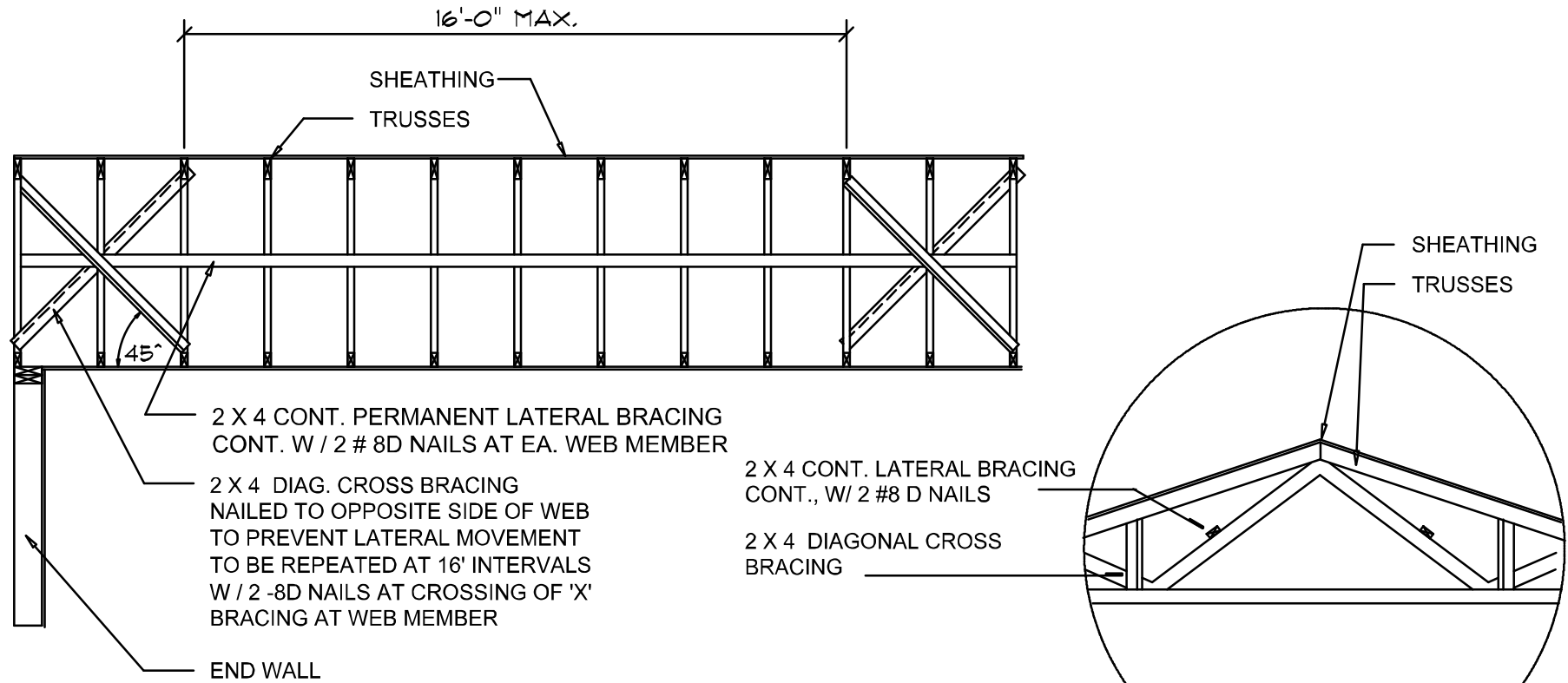


Girder Truss Column DET.

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

"WindSTORM" ALT. SHEATHING METHOD:
ALTERNATIVE METHOD FOR ANCHORING THE TOP WALL PLATE TO THE FOUNDATION IN LIEU OF THE SP18P2 OR SPA 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 145" 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 @ 8" 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 40" O.C. AROUND PERIMETER OF SLAB AND ALL INTERIOR BEARING WALLS. (MIN. 4" EMBED)



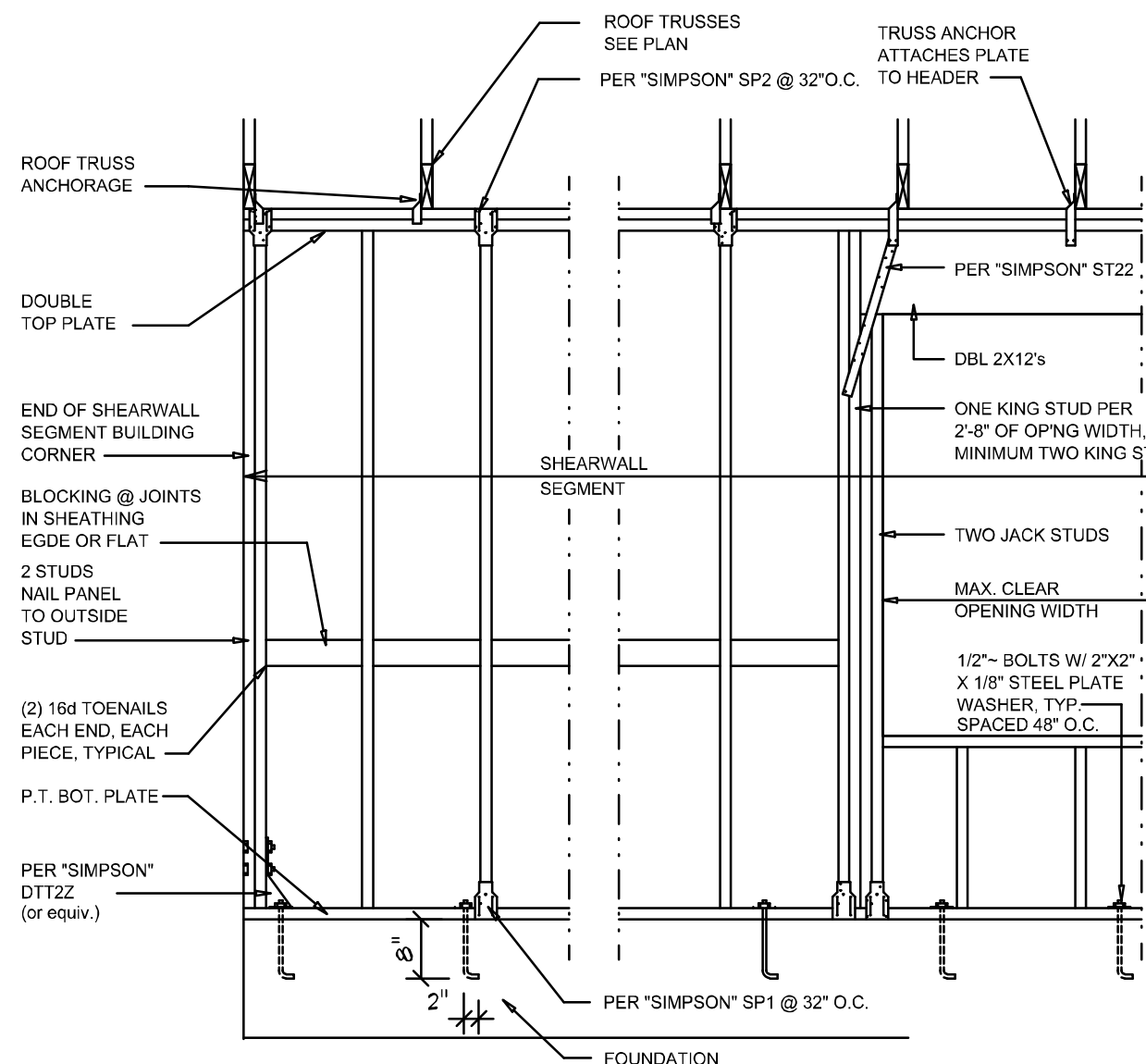
TYP. PERMANENT TRUSS BRACING DIA.

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 SBCG 306.4.3.
 - 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 OPENINGS SHALL BE 50 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 09, 2022	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

A MODERN FARMHOUSE DESIGN FOR:
CHRIS & TERESA WILKEY
PROJECT ADDRESS: SW DYAL AVE., COLUMBIA COUNTY, FLORIDA 32024
IC CONSTRUCTION, LLC.
LICENSE # CBC1259655

N. P. GEISLER
ER
Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER, C = US, O = AR0007005 OU = ARCHITECT
Date: 2022.05.10 17:58:16 -0500

NICHOLAS PAUL GEISLER ARCHITECT
1759 NW Brown Rd.
Lake City, FL 32055
N.C.A.R.B. Certified (386) 365-4355

JOB NUMBER
20220212

SHEET NUMBER
S.4
OF 4 SHEETS

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