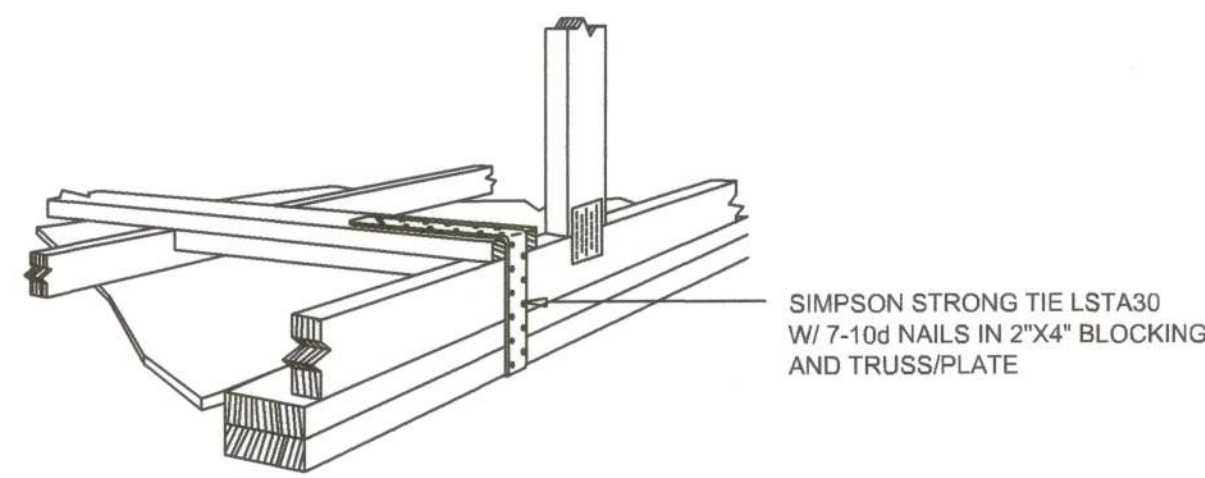
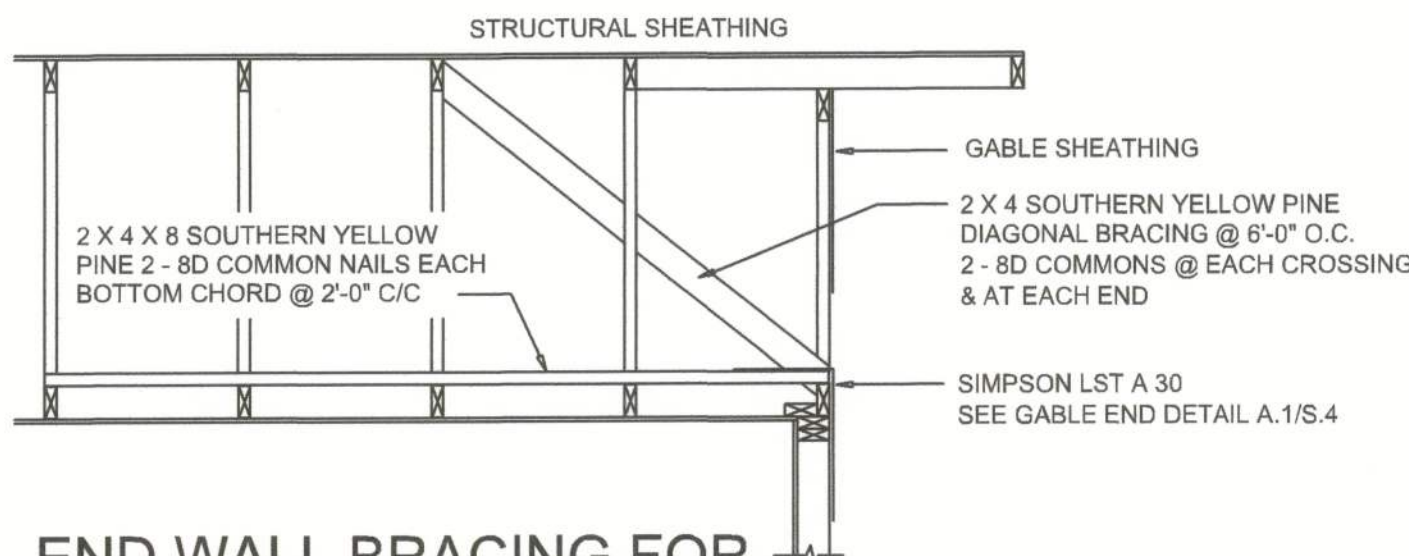




GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR
SCALE: NONE

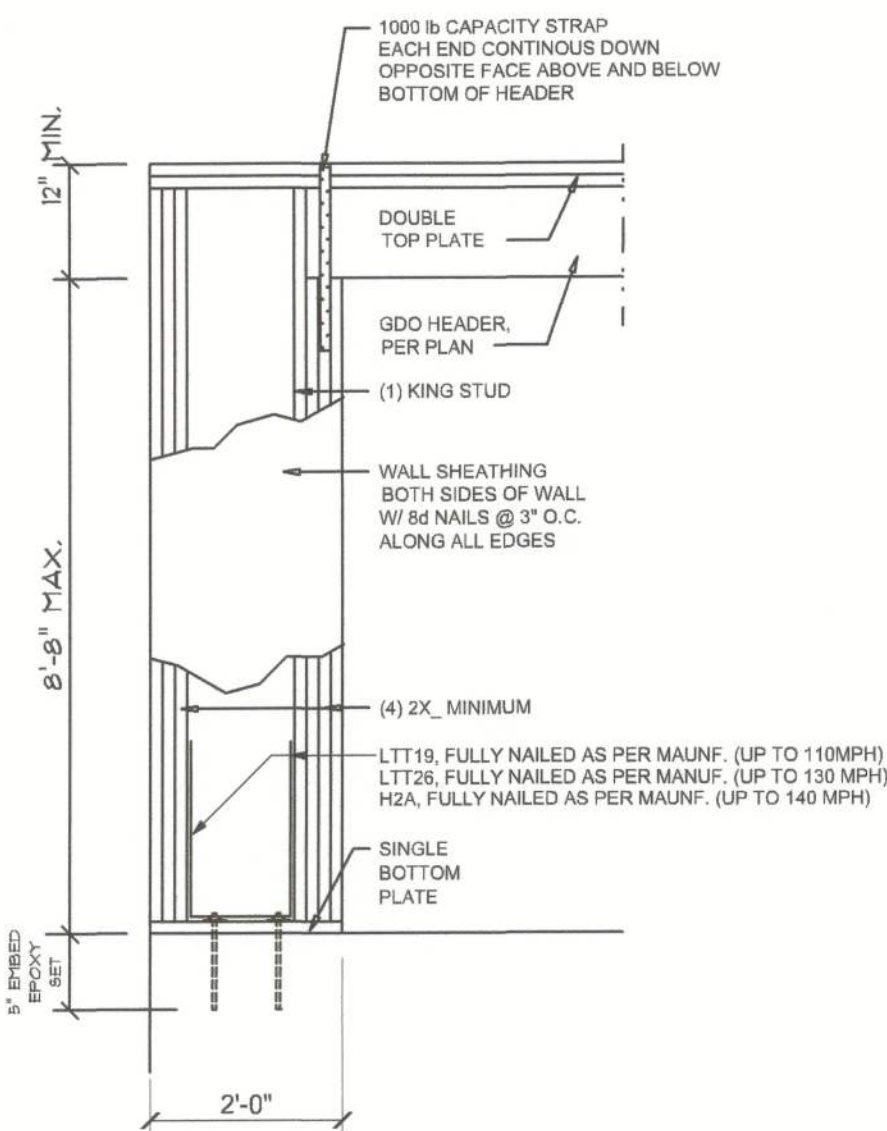
A.1



END WALL BRACING FOR
CEILING DIAPHRAGM
NTS (ALTERNATIVE TO BALLOON FRAMING)
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

A

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE 21° TO 45°									
ZONE	AREA (ft ²)	Wind 115 MPH		Wind 120 MPH		Wind 130 MPH		Wind 140 MPH	
		Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
1	10	10.2	-20.3	11.1	-22.1	12	-25	13.1	-26.7
1	30	10	-18	10	-19.6	11.3	-22	12.1	-23.7
1	50	10	-15	10	-16.3	10	-19.2	10.8	-22.2
1	100	10	-12.7	10	-13.6	10	-16.2	10	-18.8
2	10	10.2	-20.3	11.1	-22.1	12	-25	13.1	-26.7
2	30	10	-18.1	10	-20.3	11.3	-22.4	12.1	-25.3
2	50	10	-11.9	10	-12.9	10	-15.1	10.8	-17.6
2	100	10	-11.8	10	-12.6	10	-15.1	10	-17.6
2	10	10.2	-20.3	11.1	-22.1	12	-25	13.1	-26.7
2	30	10	-20.7	10	-28	11.3	-29.8	12.1	-32.1
2	50	10	-19.2	10	-20.9	10	-24.9	10.8	-26.4
2	100	10	-14.3	10	-15.9	10	-18.2	10	-21.2
3	10	10.2	-20.3	11.1	-22.1	12	-25	13.1	-26.7
3	30	10	-24.5	10	-26.7	11.3	-29.4	12.1	-32.4
3	50	10	-14.3	10	-15.9	10	-18.2	10.8	-21.2
3	100	10	-14.3	10	-15.9	10	-18.2	10	-21.2
4	10	14.3	-15.5	15.5	-16.9	18.3	-19.6	21.3	-22.9
4	30	13.6	-14.8	14.8	-16.1	17.4	-19	20.2	-22
4	50	12.9	-14	13.9	-15.2	16.3	-17.9	18	-20.7
4	100	12.1	-13.2	13.2	-14.5	16.5	-17.7	18	-19.8
4	500	10.6	-11.9	11.6	-12.9	13.6	-15.1	15.8	-17.6
5	10	14.3	-15.5	15.5	-16.9	18.2	-19.4	21.2	-22.8
5	30	13.6	-17.6	14.9	-19.4	17.4	-22.9	20.2	-24.4
5	50	12.9	-16.1	13.9	-17.6	16.3	-20.6	18	-23.9
5	100	12.1	-14.5	13.2	-15.1	16.5	-18	18	-22
5	500	10.6	-11.9	11.6	-12.9	13.6	-15.1	15.8	-17.6

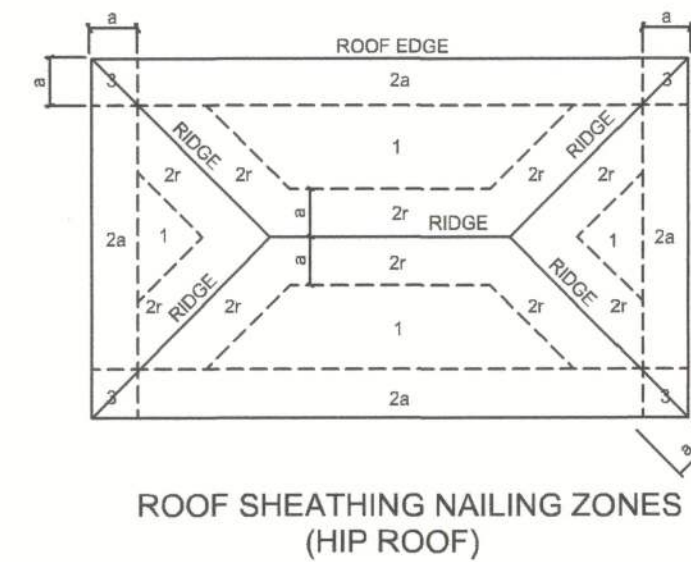


Garage End Wall DETAIL
SCALE: NTS

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

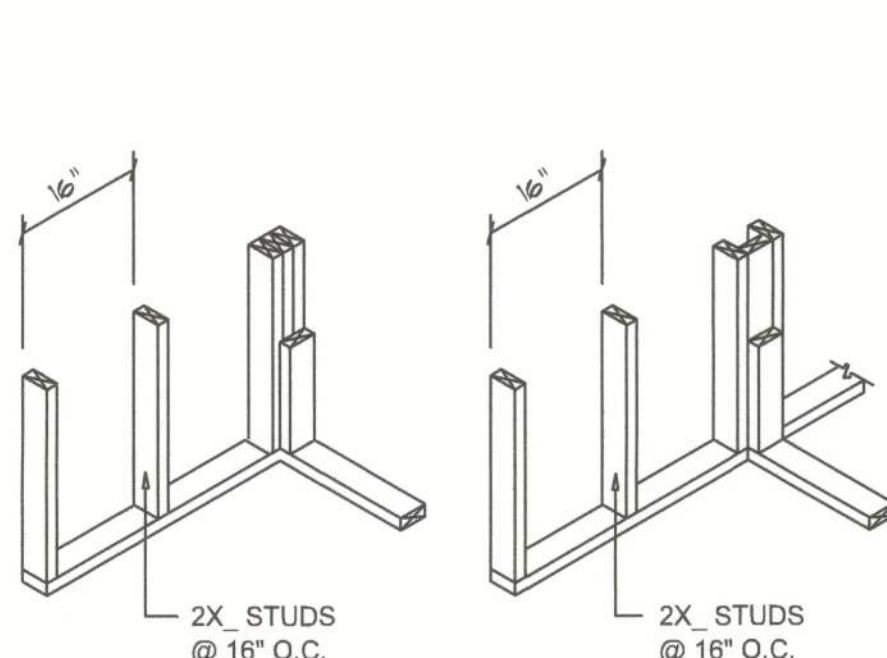
HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT (ft)	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	.82	1.21	1.47
20	.89	1.29	1.55
25	.94	1.35	1.61
30	1.00	1.40	1.66



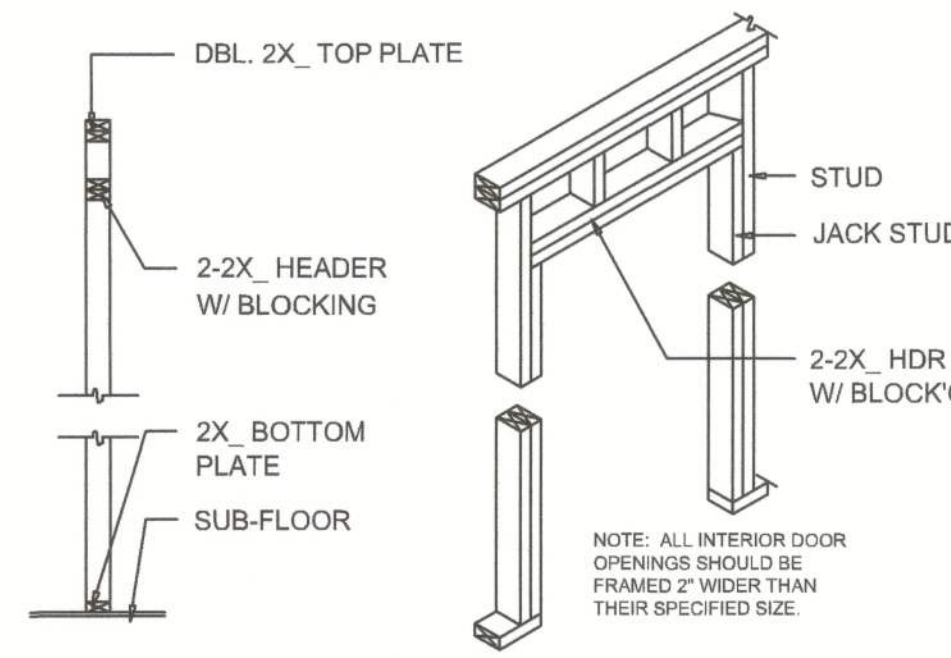
Roof Nail Pattern DET.
SCALE: NONE

B

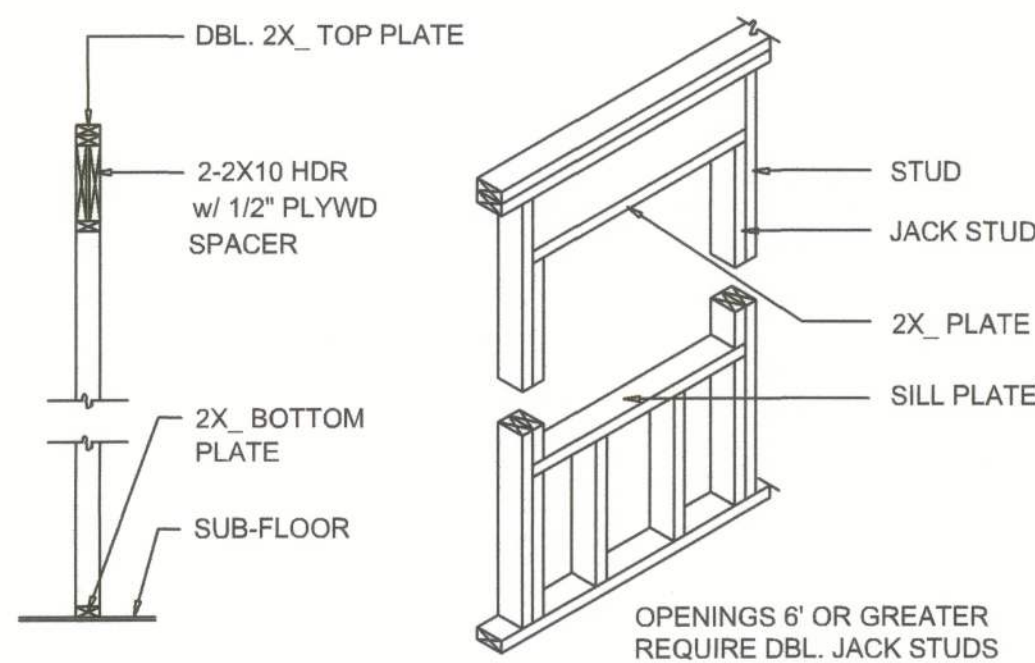
HEADER SPANS FOR EXTERIOR BEARING WALLS							
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
		SPAN	# JACKS	SPAN	# JACKS	SPAN	# JACKS
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
	2-2x8	6'-10"	1	5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"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



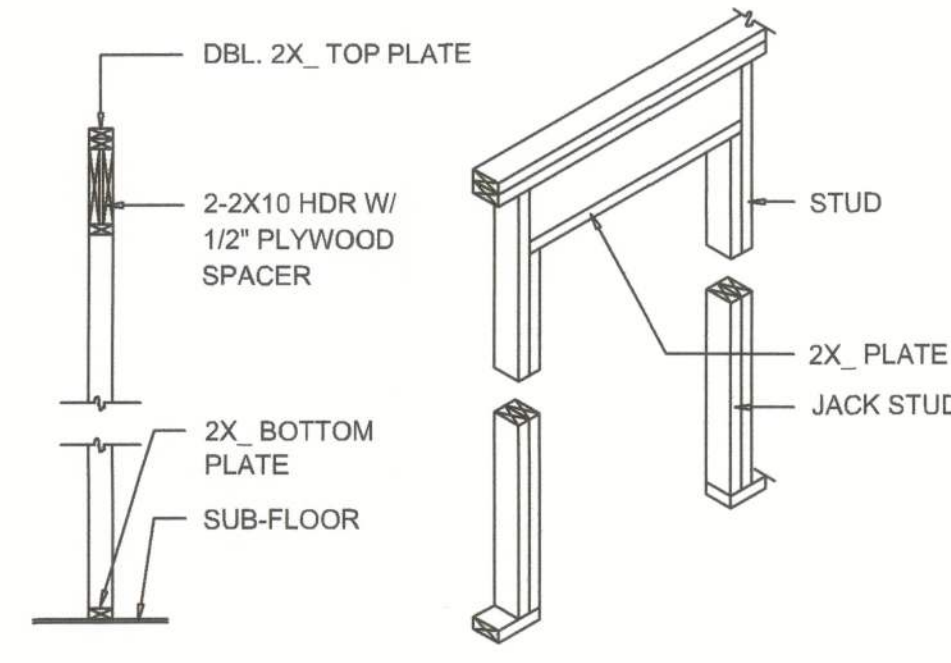
WALL CORNER WALL INTERSECTION



NON-BEARING WALL HEADER



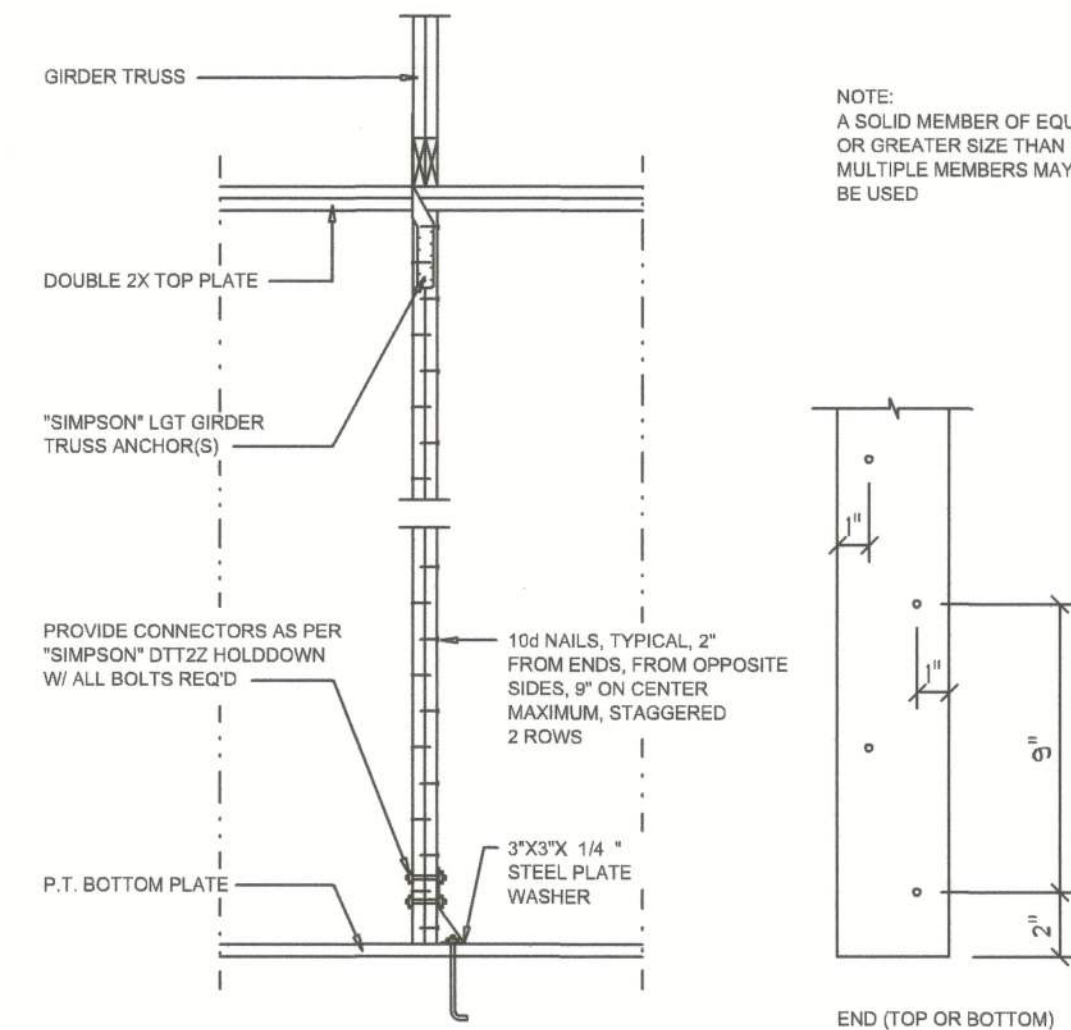
TYPICAL WINDOW HEADER



BEARING WALL HEADER

Wall Framing/Header DETAILS
SCALE: NONE

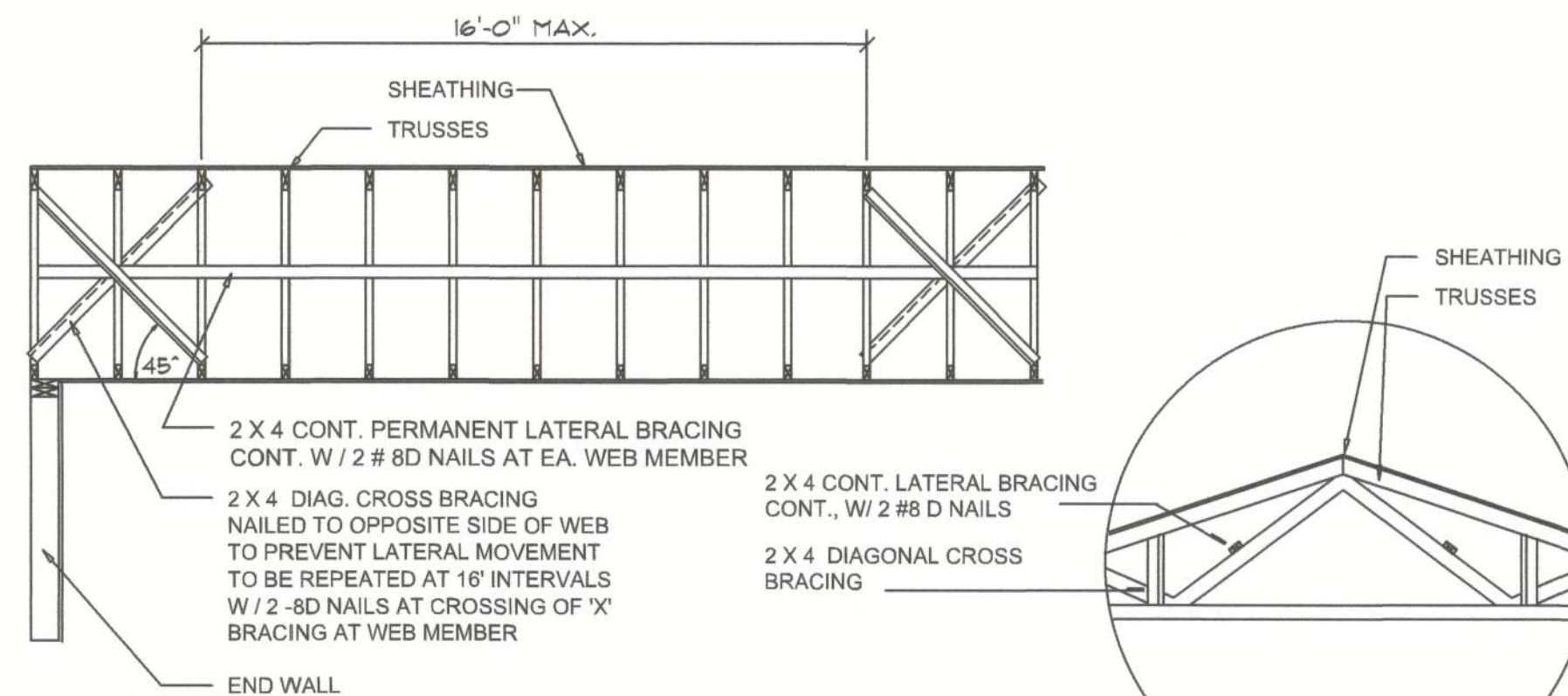
F



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 SP1/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 145" SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d COMMONS @ 3" O.C. OR 6d COMMONS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d COMMONS @ 8" O.C. OR 6d COMMONS @ 8" O.C.

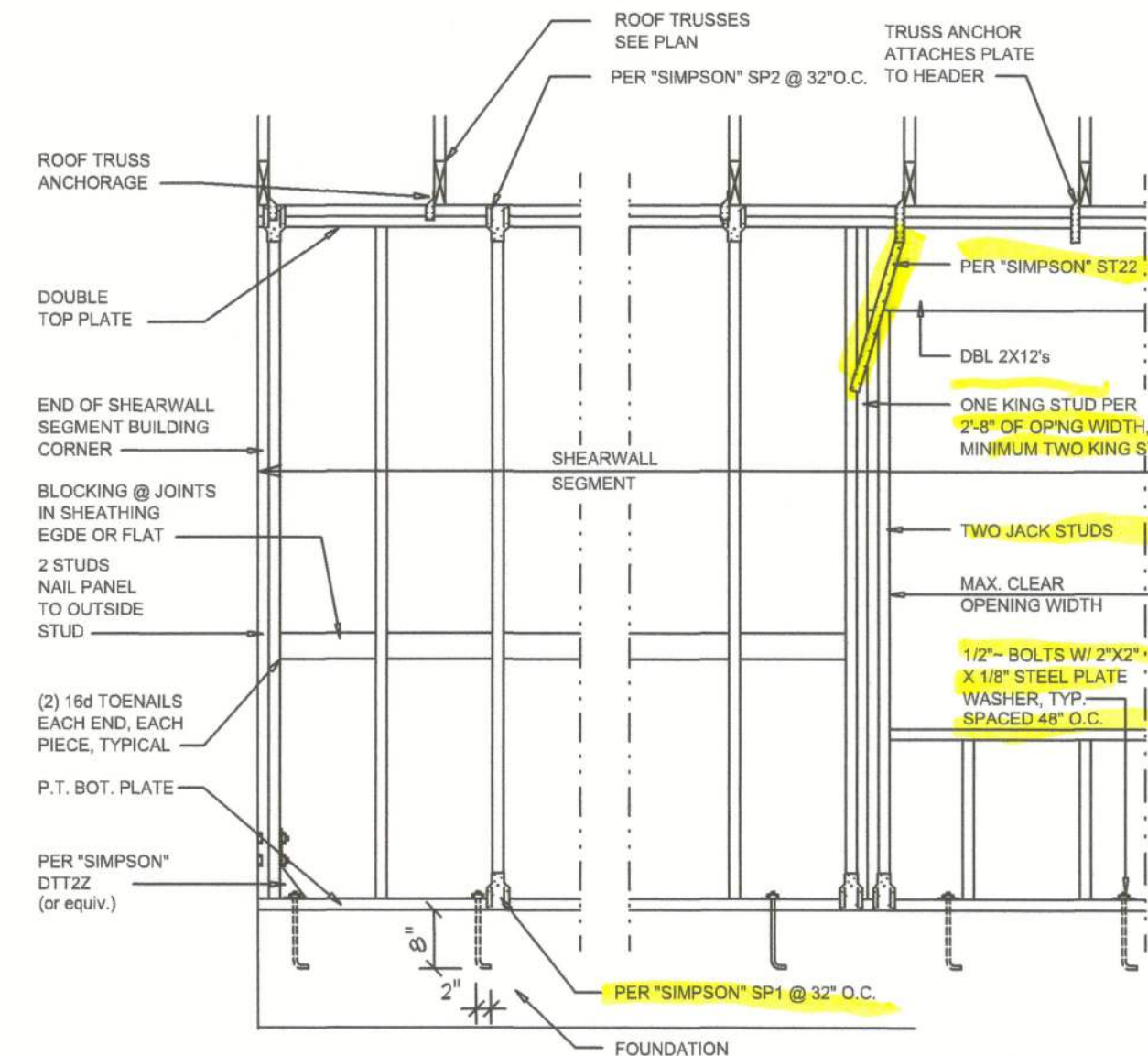
Alternate "Titan" bolt concrete anchor system
ANCHOR SILL PLATE WITH 5/8" TITAN ANCHOR BOLT, PLACED AT 40" O.C. AROUND PERIMETER OF SLAB AND ALL INTERIOR BEARING WALLS. (MIN. 4" EMBED)



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 SBC305.4.3.
 - 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 BLOOMING.
 - WALL 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/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 8'-0"	(3) 2x4 OR (1) 2x6	2
> 8' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

Shear Wall DETAILS
SCALE: NONE

E