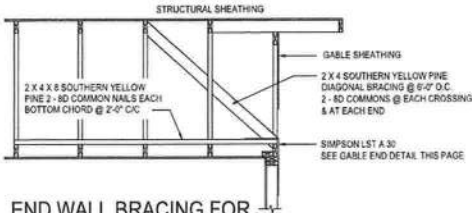


GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

A.1



END WALL BRACING FOR CEILING DIAPHRAGM

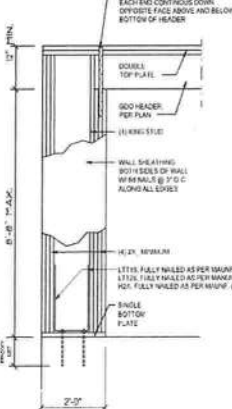
NTS (ALTERNATIVE TO BALLOON FRAMING)

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 2° TO 45°

WIND SPEED (MPH)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)	WIND PRESSURE (PSF)
30	40	50	60	70	80	90
0.7	1.4	2.3	3.2	4.1	5.0	5.9
0.8	1.6	2.6	3.5	4.4	5.3	6.2
0.9	1.8	2.9	3.8	4.7	5.6	6.5
1.0	2.0	3.2	4.1	5.0	5.9	6.8
1.1	2.2	3.5	4.4	5.3	6.2	7.1
1.2	2.4	3.8	4.7	5.6	6.5	7.4
1.3	2.6	4.1	5.0	5.9	6.8	7.7
1.4	2.8	4.4	5.3	6.2	7.1	8.0
1.5	3.0	4.7	5.6	6.5	7.4	8.3
1.6	3.2	5.0	5.9	6.8	7.7	8.6
1.7	3.4	5.3	6.2	7.1	8.0	8.9
1.8	3.6	5.6	6.5	7.4	8.3	9.2
1.9	3.8	5.9	6.8	7.7	8.6	9.5
2.0	4.0	6.2	7.1	8.0	8.9	9.8
2.1	4.2	6.5	7.4	8.3	9.2	10.1
2.2	4.4	6.8	7.7	8.6	9.5	10.4
2.3	4.6	7.1	8.0	8.9	9.8	10.7
2.4	4.8	7.4	8.3	9.2	10.1	11.0
2.5	5.0	7.7	8.6	9.5	10.4	11.3
2.6	5.2	8.0	8.9	9.8	10.7	11.6
2.7	5.4	8.3	9.2	10.1	11.0	11.9
2.8	5.6	8.6	9.5	10.4	11.3	12.2
2.9	5.8	8.9	9.8	10.7	11.6	12.5
3.0	6.0	9.2	10.1	11.0	11.9	12.8



Garage End Wall DETAIL

SCALE: NTS

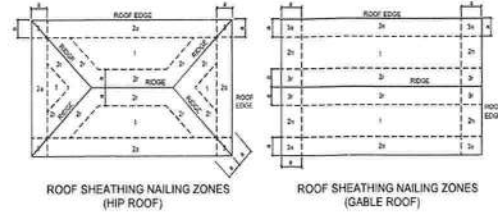
G

ROOF SHEATHING FASTENINGS

NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" OSB OR 1/2" CDX PLYWOOD	8d NAIL	6" x 4" EDGE 8" x 4" FIELD
2	1/2" OSB OR 1/2" CDX PLYWOOD	8d NAIL	6" x 4" EDGE 8" x 4" FIELD
3	1/2" OSB OR 1/2" CDX PLYWOOD	8d NAIL	6" x 4" EDGE 8" x 4" FIELD

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BUILDING HEIGHT (FT)	EXPOSURE "A"	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
5	0.9	0.9	0.9	0.9
10	0.9	0.9	0.9	0.9
15	0.9	0.9	0.9	0.9
20	0.9	0.9	0.9	0.9
25	0.9	0.9	0.9	0.9
30	0.9	0.9	0.9	0.9



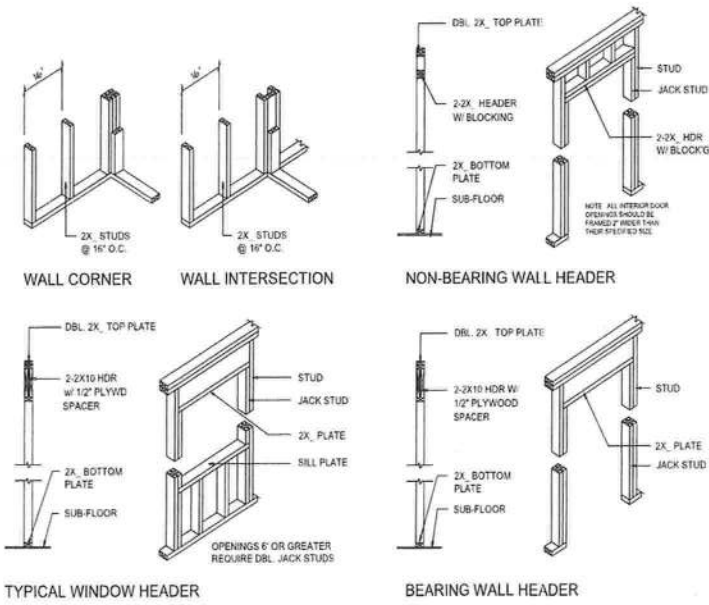
Roof Nail Pattern DET.

SCALE: NONE

B

HEADER SPANS FOR EXTERIOR BEARING WALLS

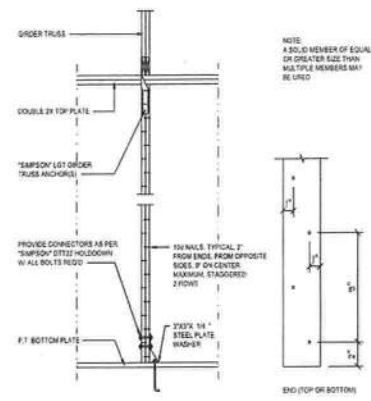
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)		
		20'	28'	36'
ROOF, CEILING	2x4	3'-6"	3'-2"	1'-2-10"
	2x6	5'-0"	4'-8"	1'-4'-2"
	2x8	6'-10"	5'-11"	2'-5'-4"
	2x10	8'-5"	7'-3"	2'-6'-0"
	2x12	9'-9"	8'-5"	2'-7'-0"
	3x4	8'-4"	7'-5"	1'-8'-4"
	3x6	10'-0"	9'-1"	2'-8'-2"
	3x8	12'-2"	10'-1"	2'-9'-5"
	4x6	9'-2"	8'-4"	1'-9'-2"
	4x8	11'-8"	10'-4"	1'-9'-5"
	4x10	14'-1"	12'-2"	2'-10'-11"
	4x12	14'-1"	12'-2"	2'-10'-11"



Wall Framing/Header DETAILS

SCALE: NONE

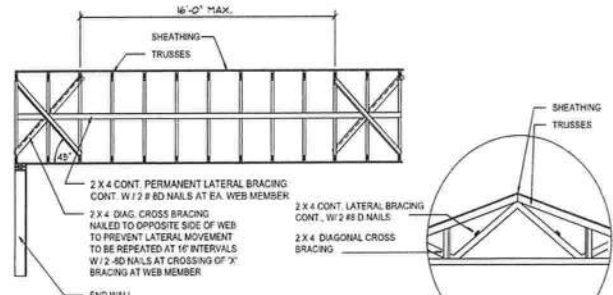
F



Girder Truss Column DET.

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

C



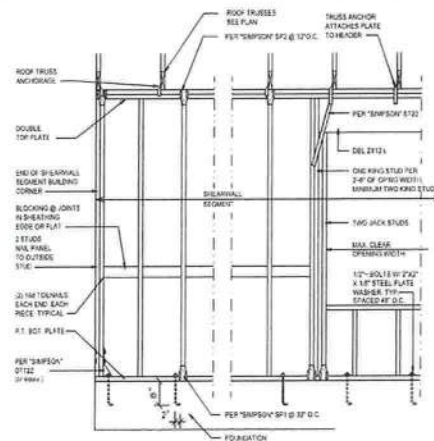
TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

SCALE: AS NOTED

D



SHEAR WALL NOTES:

- ALL SHEAR WALLS SHALL BE TYPE 2 SHEAR WALLS AS DEFINED BY SD-105 (SEE 4.3)
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/2" OSB INCLUDING AREAS ABOVE AND BELOW OPENINGS
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOISTS FOR ADJACENT PANELS INCLUDING OVER CORNERS (SHOWN MEMBERS OR ALONG BLOCKING)
- WALL BRACING SHALL BE 4" O.C. STUDS AND 2" O.C. IN THE FIELD.
- TYPE 2 SHEAR WALLS ARE DESIGNED FOR THE OPENING IF CORNERS MAXIMUM HEIGHT OF OPENING SHALL BE 50 TIMES THE WALL HEIGHT. THE MAXIMUM DISTANCE BETWEEN CORNERS SHALL BE THE WALL HEIGHT (1/2) FOR 4" O.C. STUDS (1/2)

OPENING WIDTH	STUDS	1/2" OSB NAILS EACH END
1/2" TO 6"	1/2" OSB	1
6" TO 8"	1/2" OSB	2
8" TO 12"	1/2" OSB	3

Shear Wall DETAILS

SCALE: NONE

E