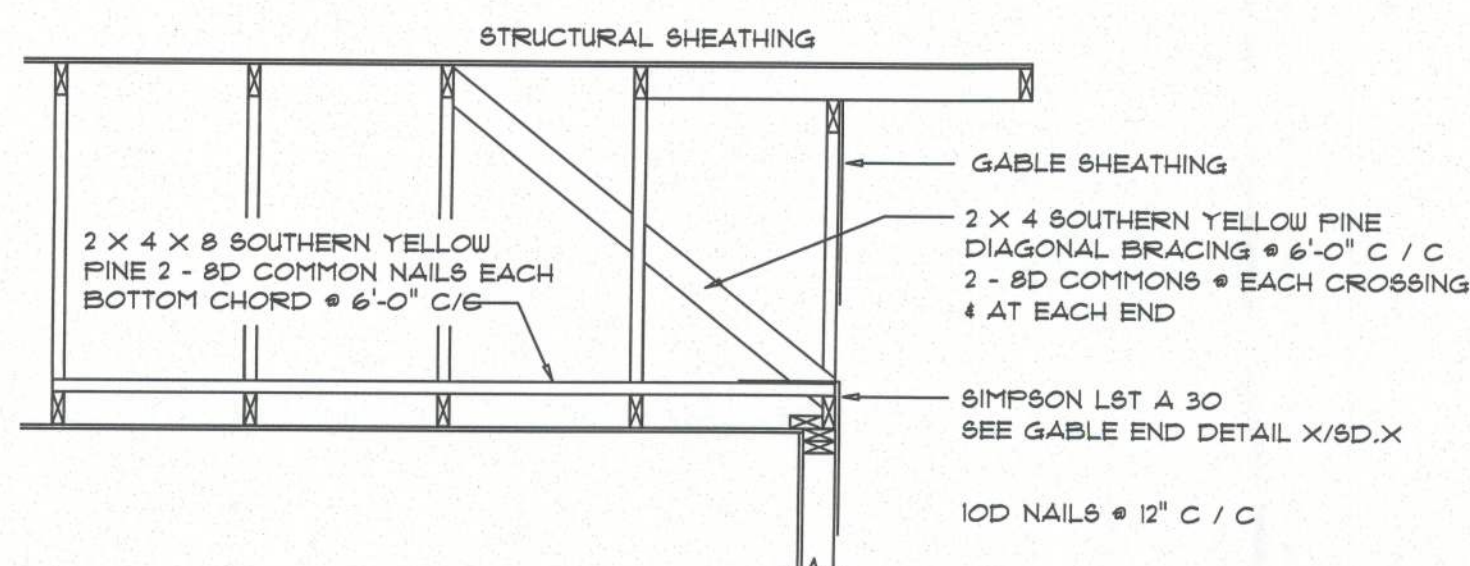


**GABLE END GYPSUM DIAPHRAGM
HOLDOWN CONNECTOR**
SCALE: NONE

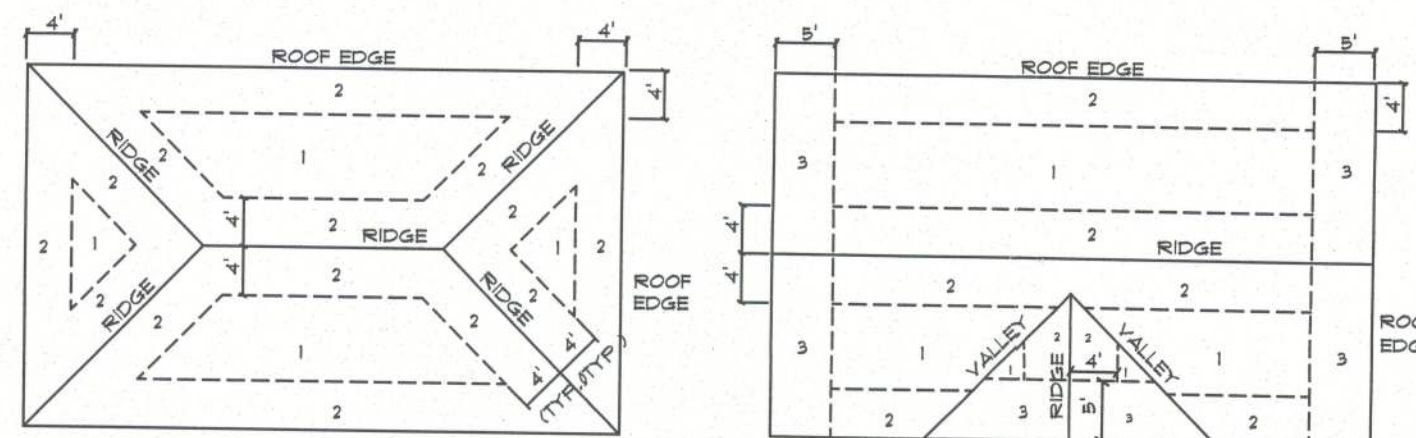
A.1



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

A

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



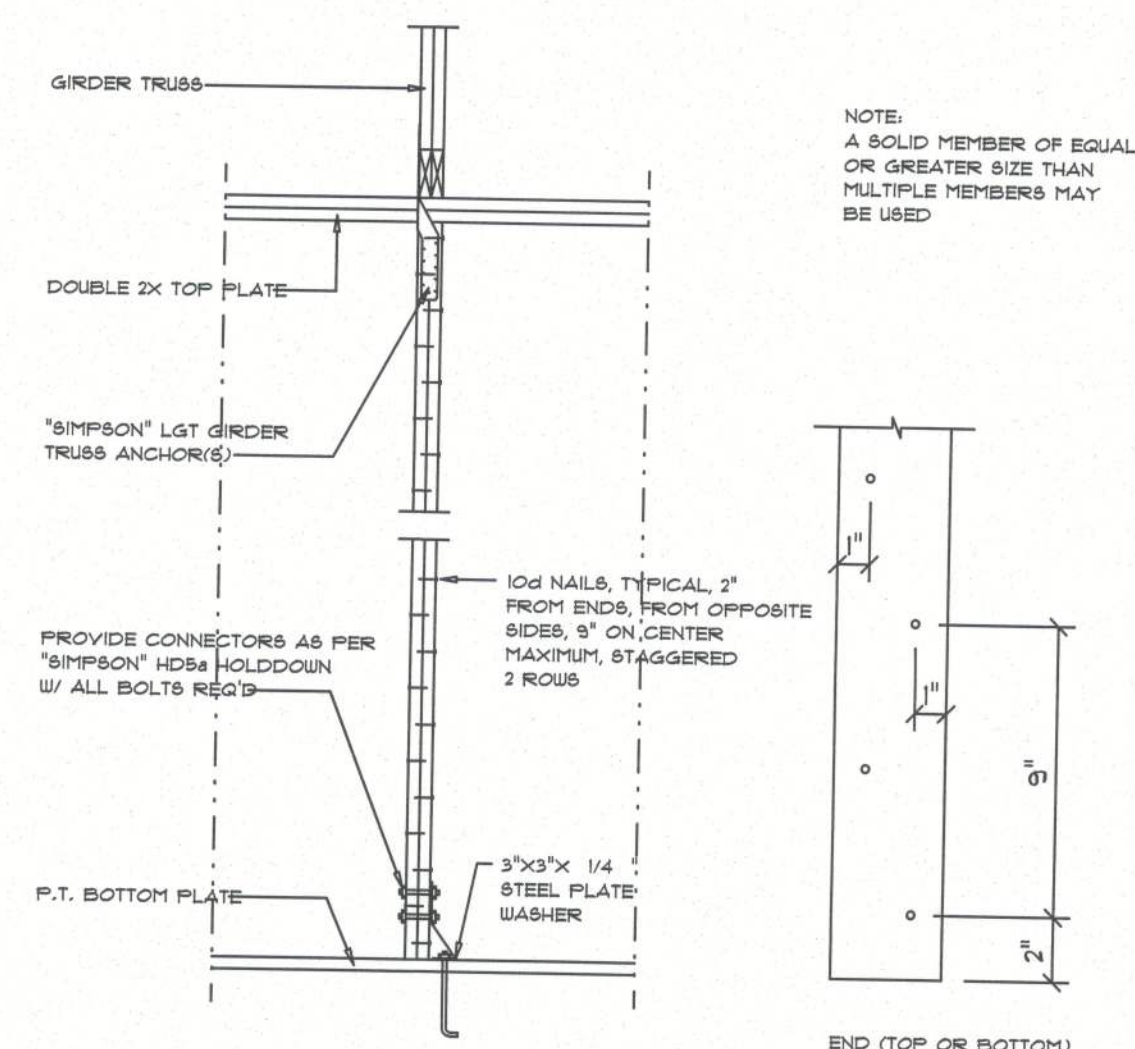
**ROOF SHEATHING NAILING ZONES
(HIP ROOF) ROOF SHEATHING NAILING ZONES
(GABLE ROOF)**

Roof Nail Pattern DET.

SCALE: NONE

B

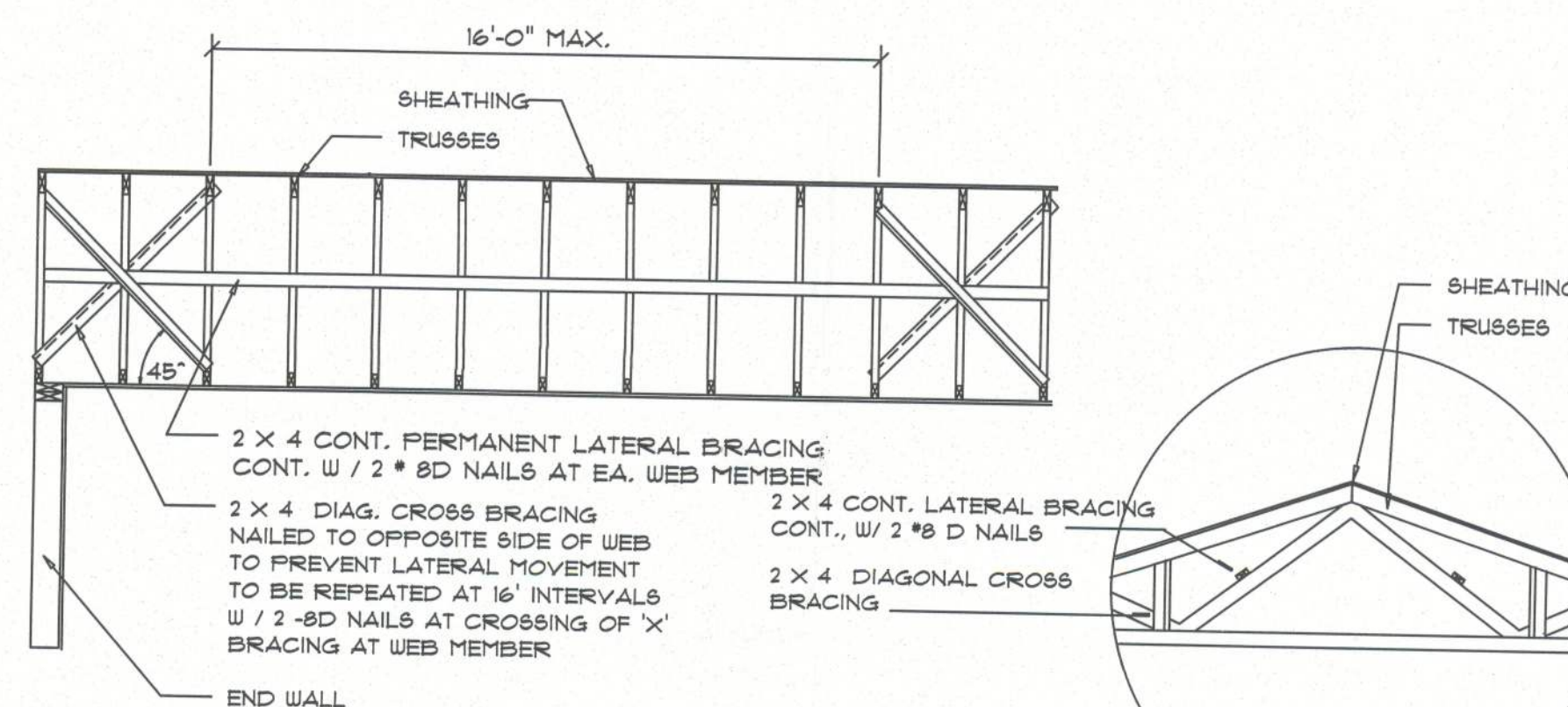
HEADER SPANS FOR EXTERIOR BEARING WALLS					
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT.)			
		20'	28'	36'	
ROOF, CEILING	2-2x4	3'-6"	3'-2"	2'-10"	1
	2-2x6	5'-5"	4'-8"	4'-2"	1
	2-2x8	6'-10"	5'-11"	5'-4"	1
	2-2x10	8'-5"	7'-3"	6'-6"	2
	2-2x12	9'-9"	8'-5"	7'-6"	2
	3-2x8	8'-4"	7'-5"	6'-8"	1
	3-2x10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



Girder Truss Column DET.

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

C



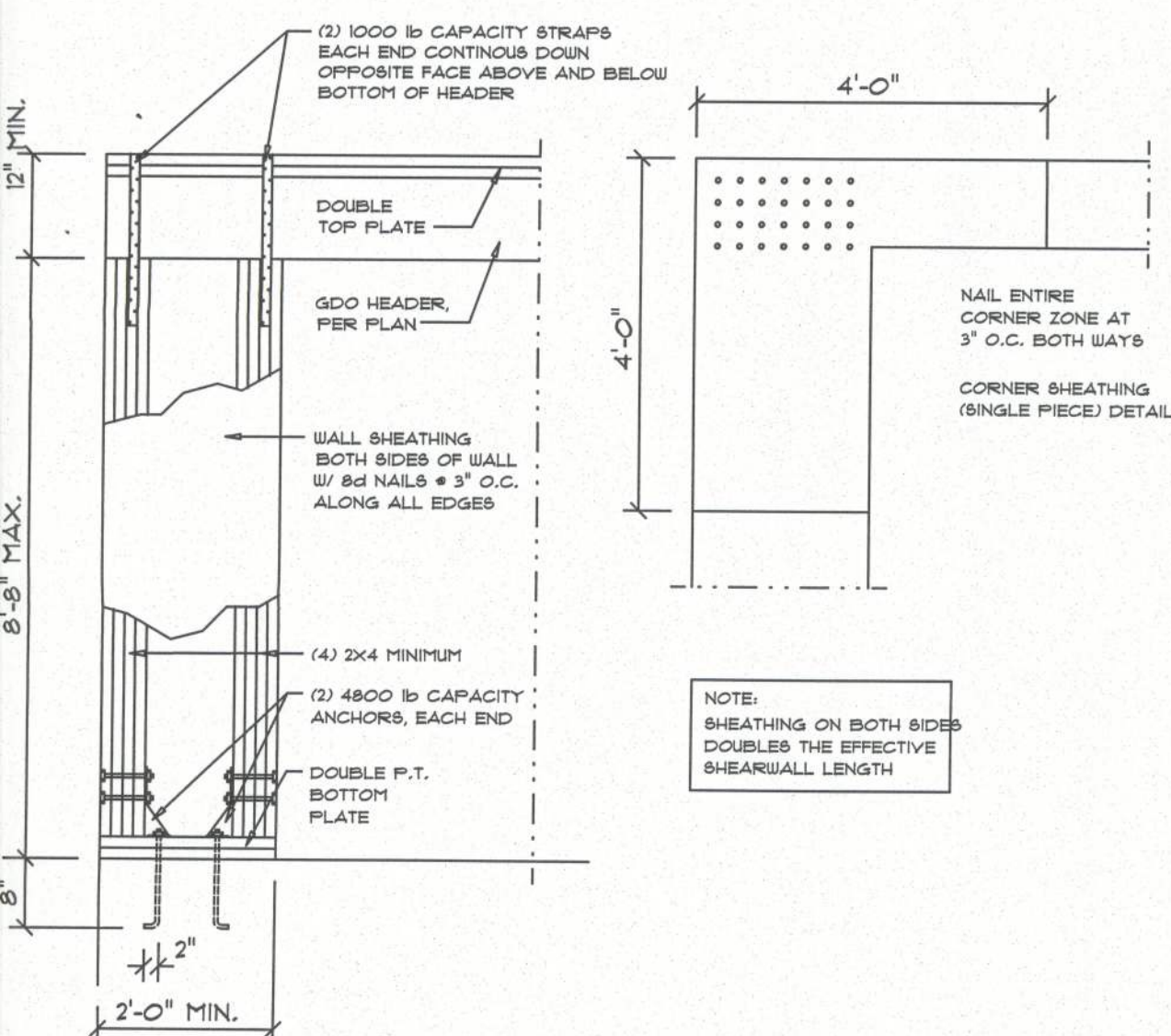
TYP. PERMANENT TRUSS BRACING DIA.

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

Truss Bracing DETAILS

SCALE: AS NOTED

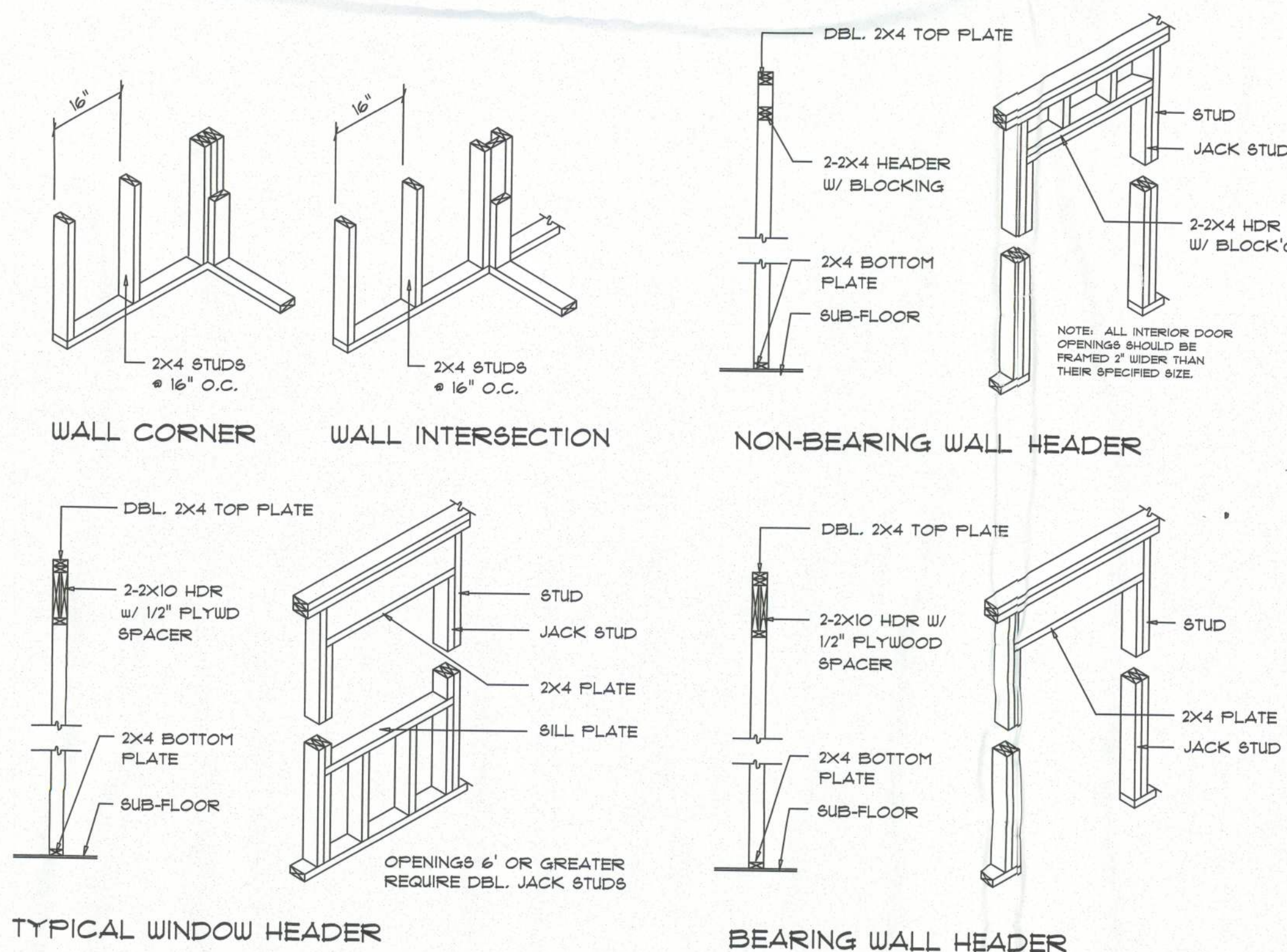
D



Garage End Wall DETAILS

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

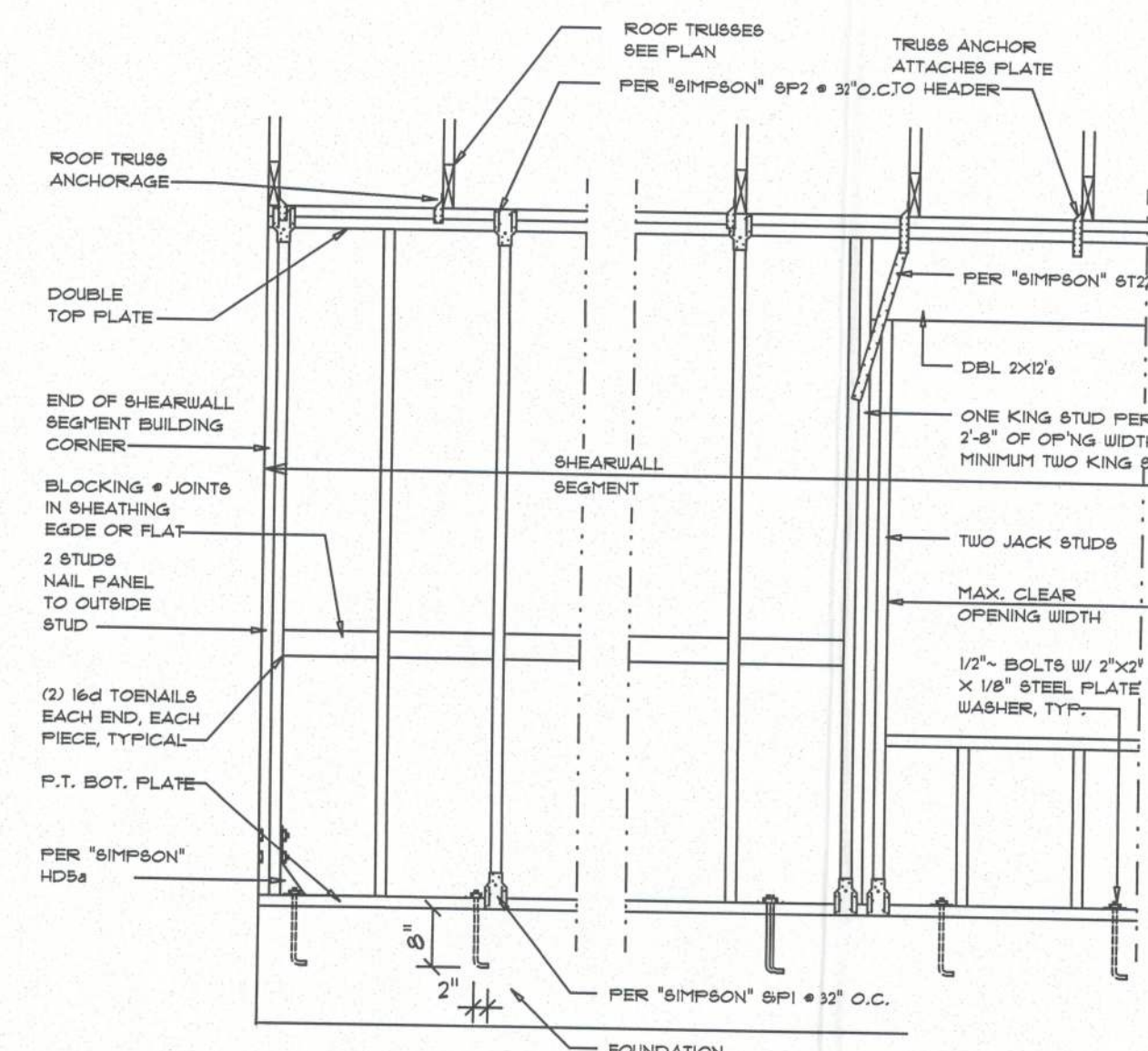
G



Wall Framing/Header DETAILS

SCALE: NONE

F



Shear Wall DETAILS

SCALE: NONE

E

- SHEARWALL NOTES:**
- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-91 SBCI 305.4.3.
 - THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/16" 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 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
 - TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 3/4 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHTS FOR 8'-0" WALLS (7'-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

REVISIONS
June 24, 2011

CUSTOM HOME DESIGN FOR:
MATT & CARRIE CASON
LOT 7, HICKORY COVE S/D, LAKE CITY, FL 32024
CONCEPT CONSTRUCTION OF N. FLORIDA INC.
3324 W UNIVERSITY AVE #218, GAINESVILLE, FL 32607

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1755 NW Brown Rd.
Lake City, FL 32055
(386) 755-5021

SHEET NUMBER
S.4
OF 4 SHEETS

11/22
24 June 2011
AR0001005