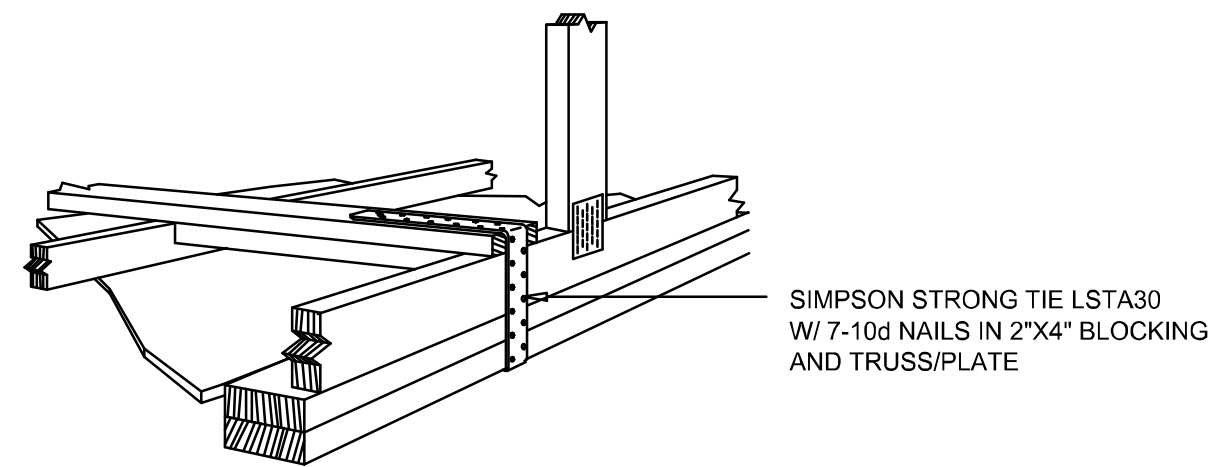
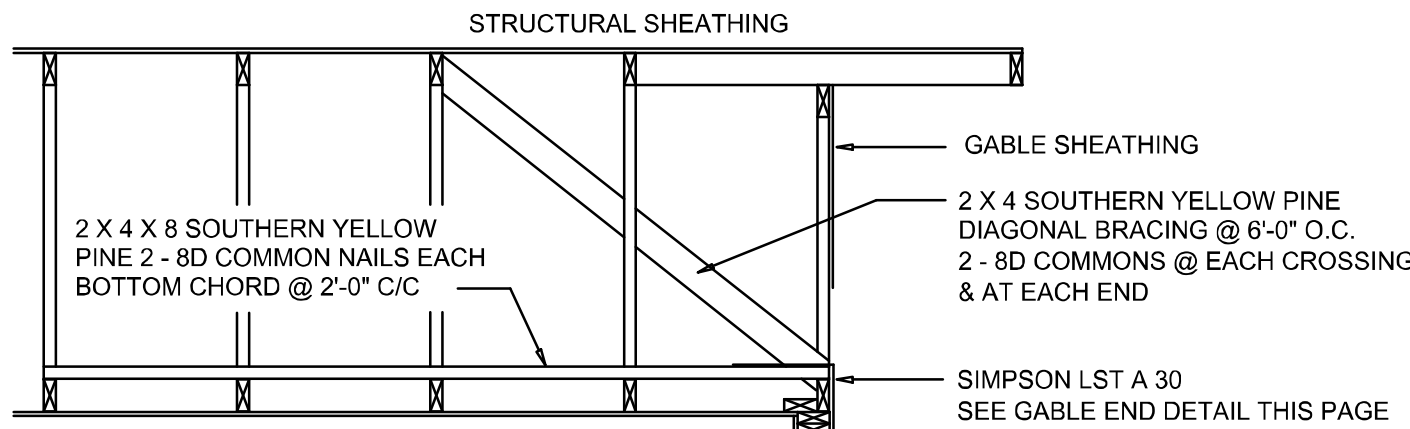




GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

A.1



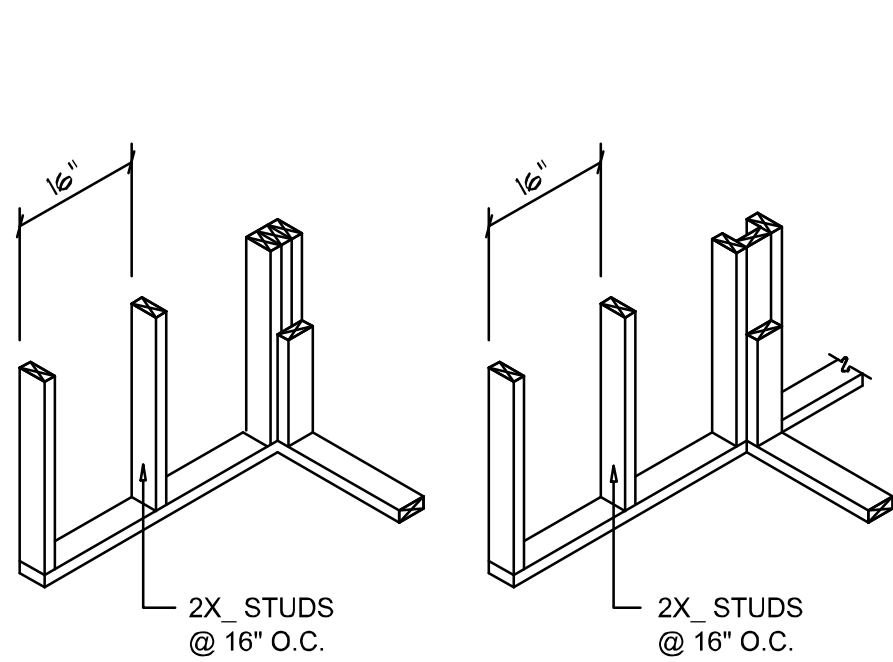
END WALL BRACING FOR CEILING DIAPHRAGM

NTS (ALTERNATIVE TO BALLOON FRAMING)

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

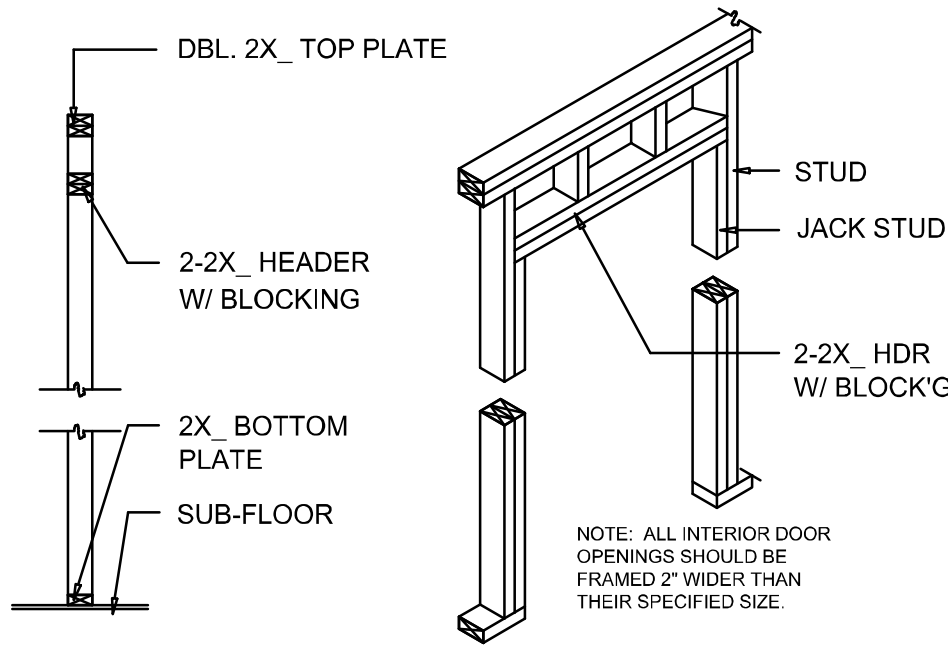
A

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE 21° TO 45°											
ZONE	WIND SPEED (ft/s)	Vult 15 MPH		Vult 30 MPH		Vult 45 MPH		Vult 60 MPH		Vult 75 MPH	
		Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
ROOF 21° TO 45°	1	40	10.2	-30.3	11.1	-22.1	13	-26	15.1	-30.1	
	1	30	10	-18	10	-19.6	11.3	-23	13.1	-26.7	
	1	20	10	-16	10	-16.3	10	-19.2	10.6	-22.2	
	1	100	10	-12.7	10	-13.8	10	-16.2	10	-19.8	
	36	10	10.2	-30.3	11.1	-22.1	13	-26	15.1	-30.1	
	36	30	10	-19.1	10	-20.8	11.3	-24.4	13.1	-28.3	
	36	30	10	-11.9	10	-12.9	10	-15.1	10.6	-17.6	
	36	100	10	-11.9	10	-12.9	10	-15.1	10	-17.6	
	21	10	10.2	-30.3	11.1	-22.1	13	-26	15.1	-30.1	
	21	30	10	-20.7	10	-22	11.3	-25.8	13.1	-29.1	
	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	
WALL	3	10	10.2	-32.7	11.1	-36.6	13	-41.7	15.1	-46.4	
	3	20	10	-34.9	10	-26.7	11.3	-29.4	13.1	-36.4	
	3	10	10	-19.3	10	-19.9	10	-19.2	10.6	-17.7	
	3	100	10	-14.3	10	-15.5	10	-18.2	10	-21.2	
	4	10	14.3	-15.5	15.5	-16.9	16.2	-19.4	21.2	-23.9	
	4	20	13.6	-14.8	14.8	-16.1	17.4	-19	20.2	-22	
	4	30	13.6	-14	13.9	-15.2	16.3	-17.9	19	-20.7	
	4	100	13.1	-13.3	13.2	-14.6	15.5	-17.1	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	-19.1	15.5	-20.8	16.2	-24.4	21.2	-28.3	
	5	20	13.6	-17.8	14.8	-19.4	17.4	-22.6	20.2	-26.4	
	5	30	13.6	-16.1	13.9	-17.6	16.3	-20.4	19	-20.9	

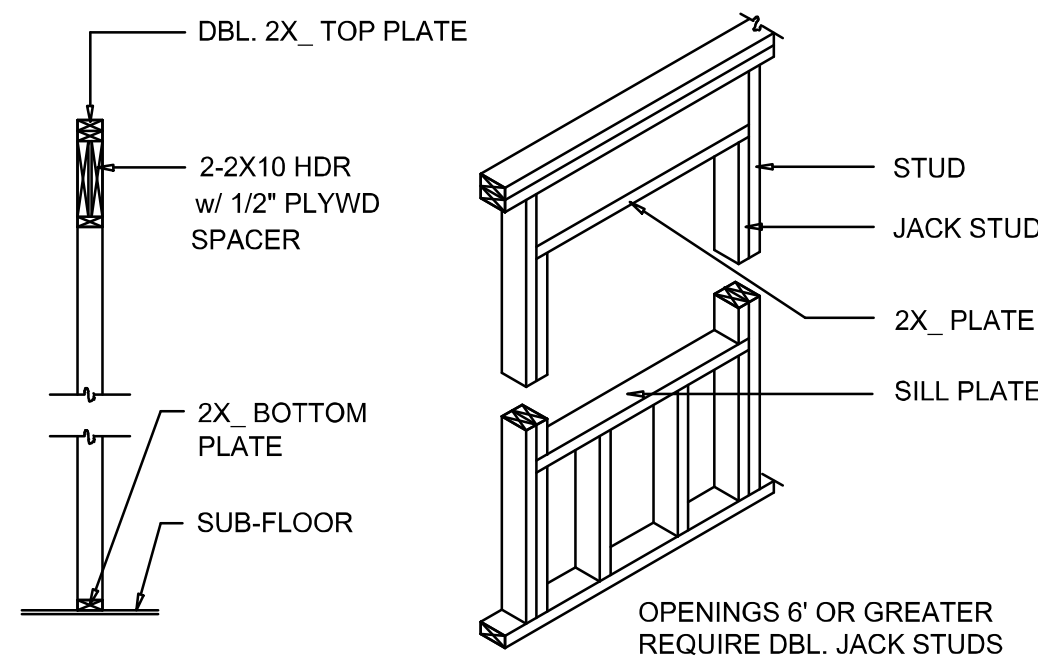


WALL CORNER

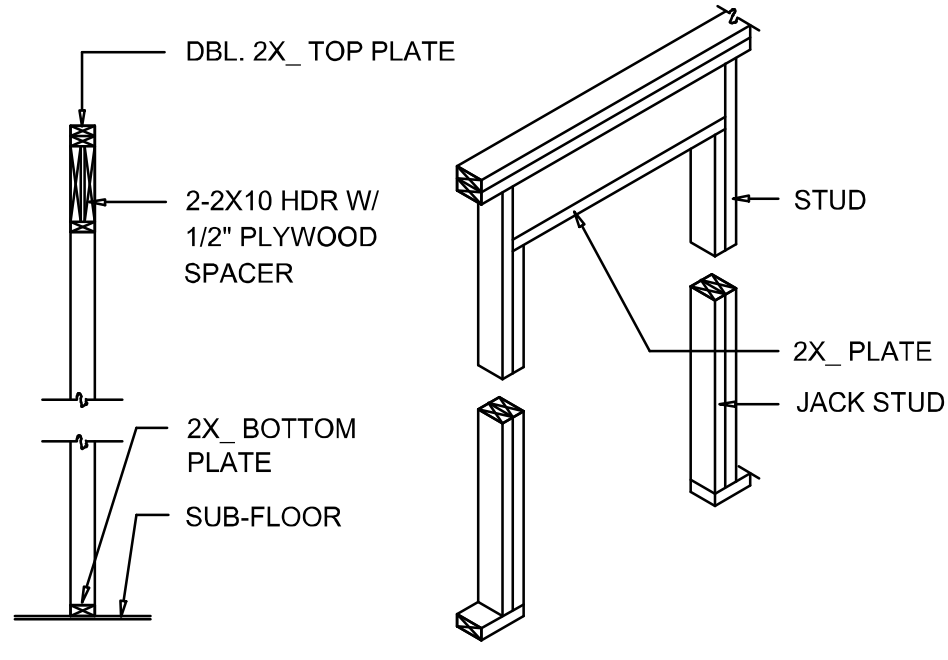
WALL INTERSECTION



NON-BEARING WALL HEADER



TYPICAL WINDOW HEADER



BEARING WALL HEADER

Wall Framing/Header DETAILS

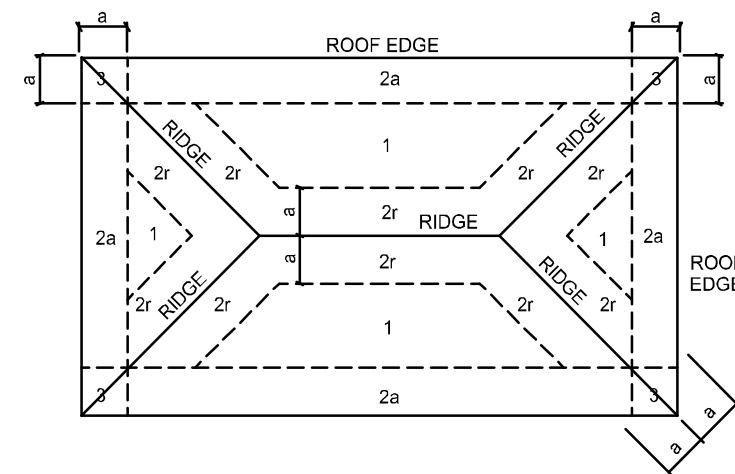
SCALE: NONE

F

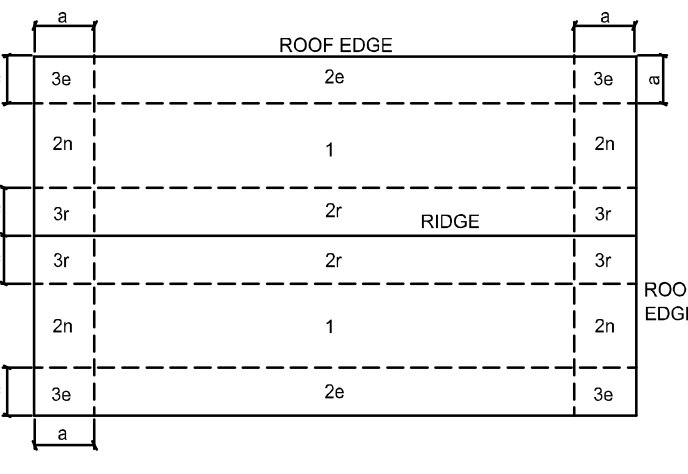
NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

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	1.41
20	.89	1.29	1.55
25	.94	1.35	1.61
30	1.00	1.40	1.66



ROOF SHEATHING NAILING ZONES
(HIP ROOF)



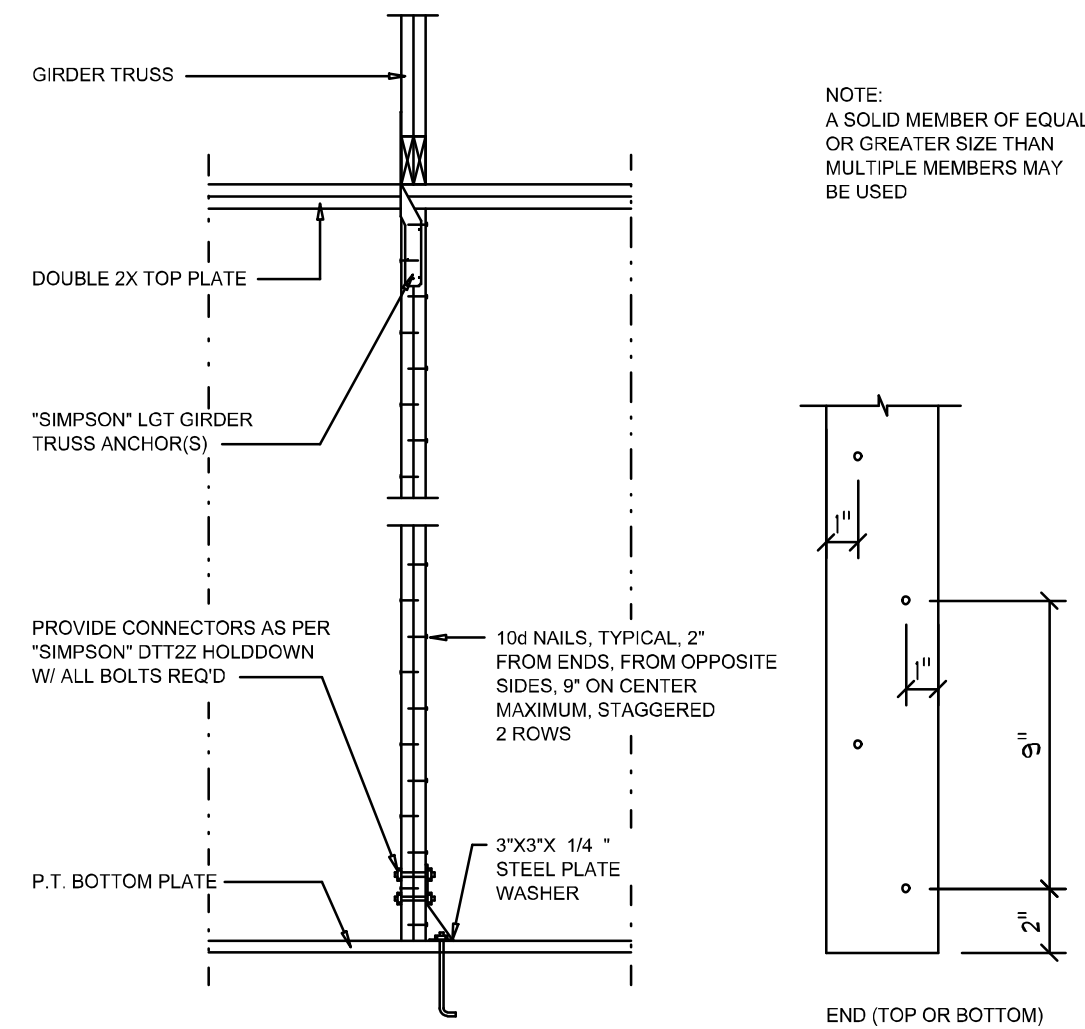
ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

B

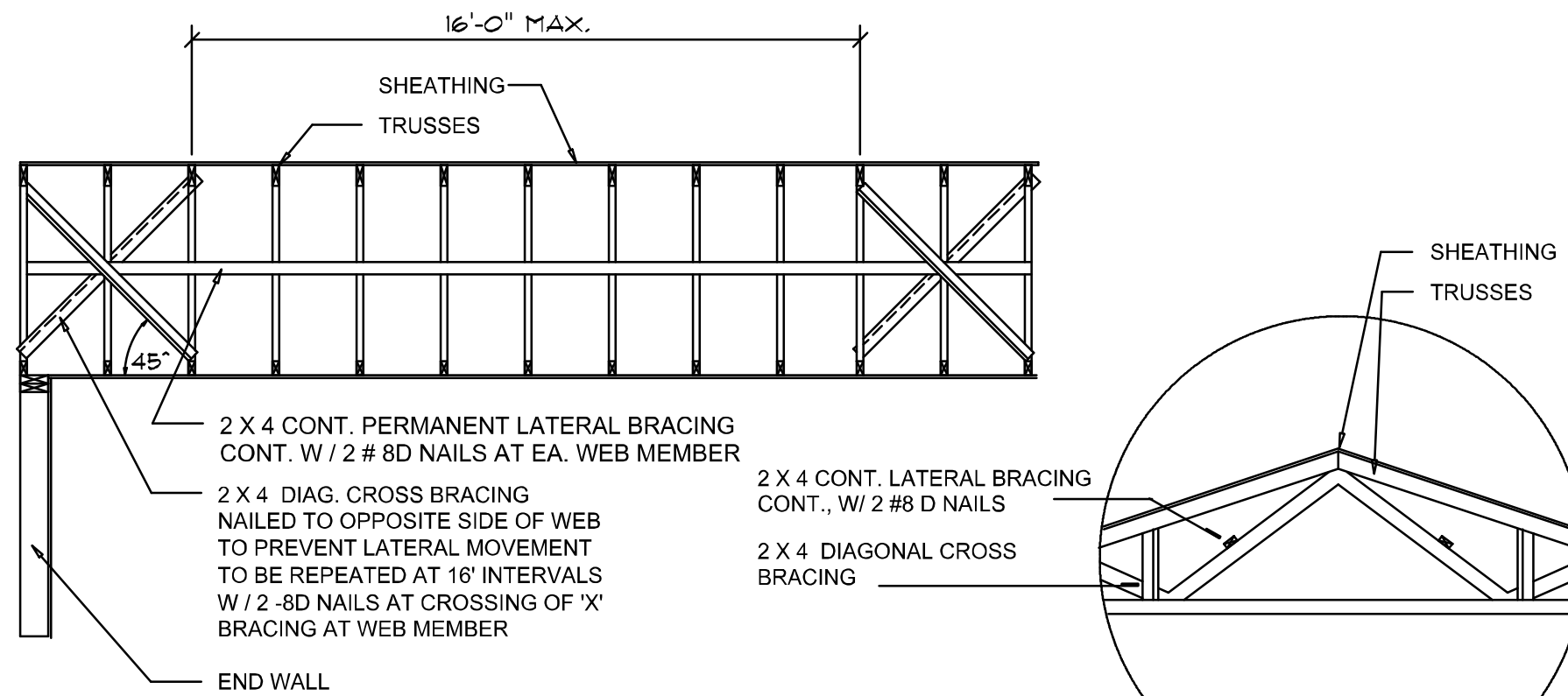
HEADER SPANS FOR EXTERIOR BEARING WALLS							
HEADERS SUPPORTING:	HEADER SIZE	BUILDING WIDTH (FT)					
		20'		28'		36'	
		SPAN	# JACKS	SPAN	# JACKS	SPAN	# JACKS
ROOF, CEILING	2-2x4	3'-6"	1	3'-2"	1	2'-10"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2"	1
	2-2x8	6'-10"	1	5'-11"	2	5'-4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6"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



Girder Truss Column DET.

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

C



TYP. PERMANENT TRUSS BRACING DIA.

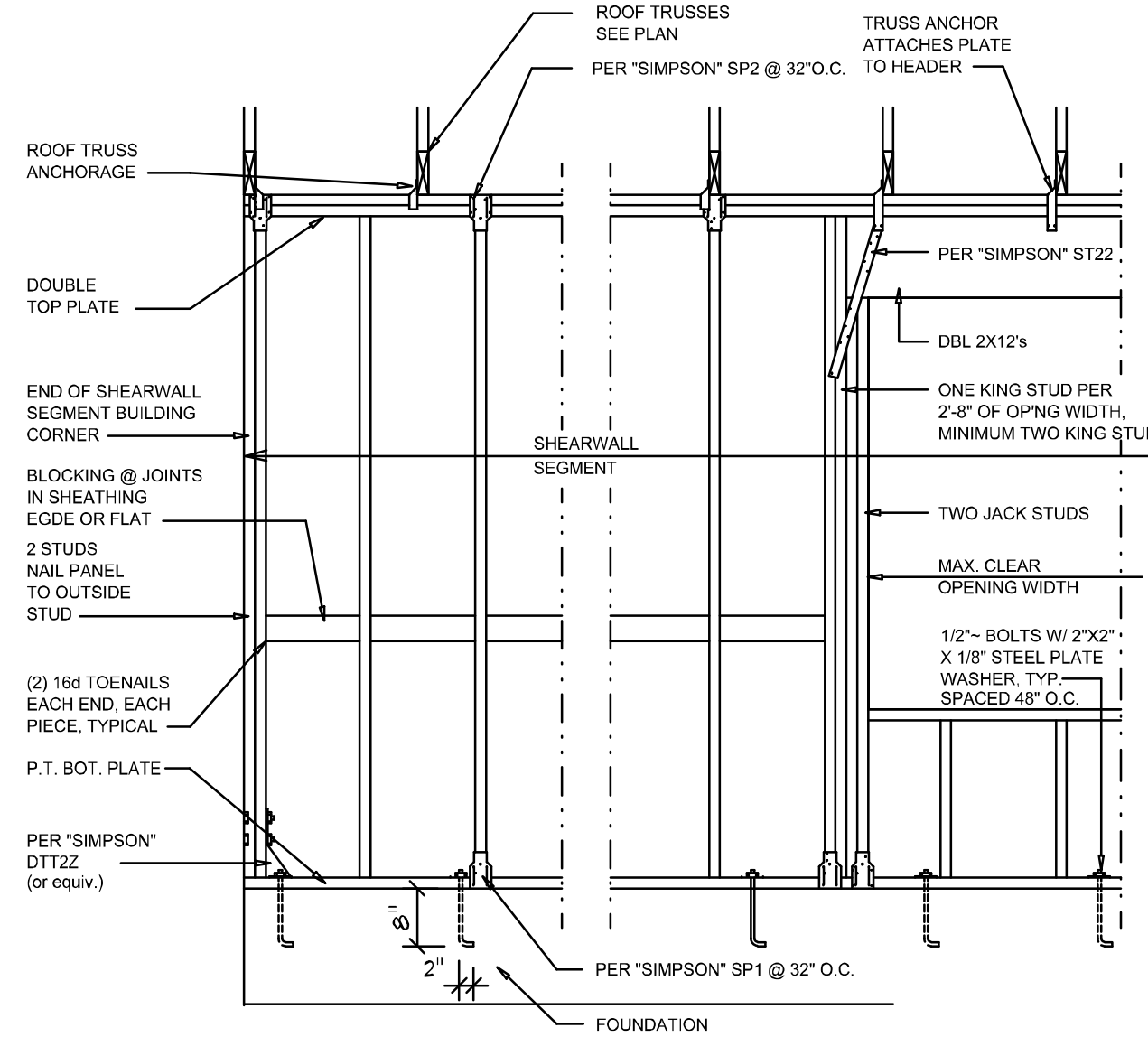
NTS

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

Truss Bracing DETAILS

SCALE: AS NOTED

D



SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-97 SBC1305.4.3.
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" 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 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 5/6 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

June 19, 2023	
May 23, 2025	

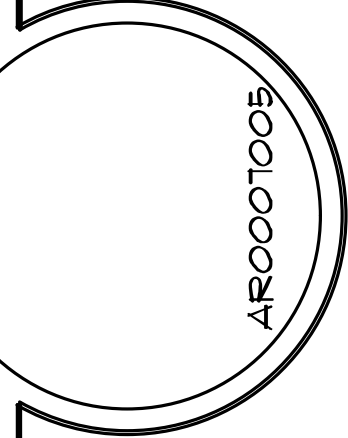
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

A HOME DESIGN FOR:

Model 1549

PROJECT ADDRESS: 592 SW Churchill Way, Lake City, Florida 32025



NICHOLAS PAUL ARCHITECT
N.C.A.R.B. Certified

1755 NW Brown Rd.
Lake City, FL 32065
(386) 365-4355

JOB NUMBER
20230619

SHEET NUMBER
S.4
OF 4 SHEETS