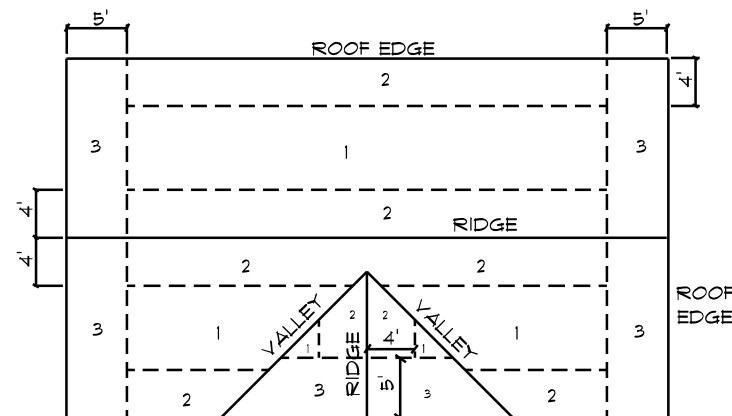


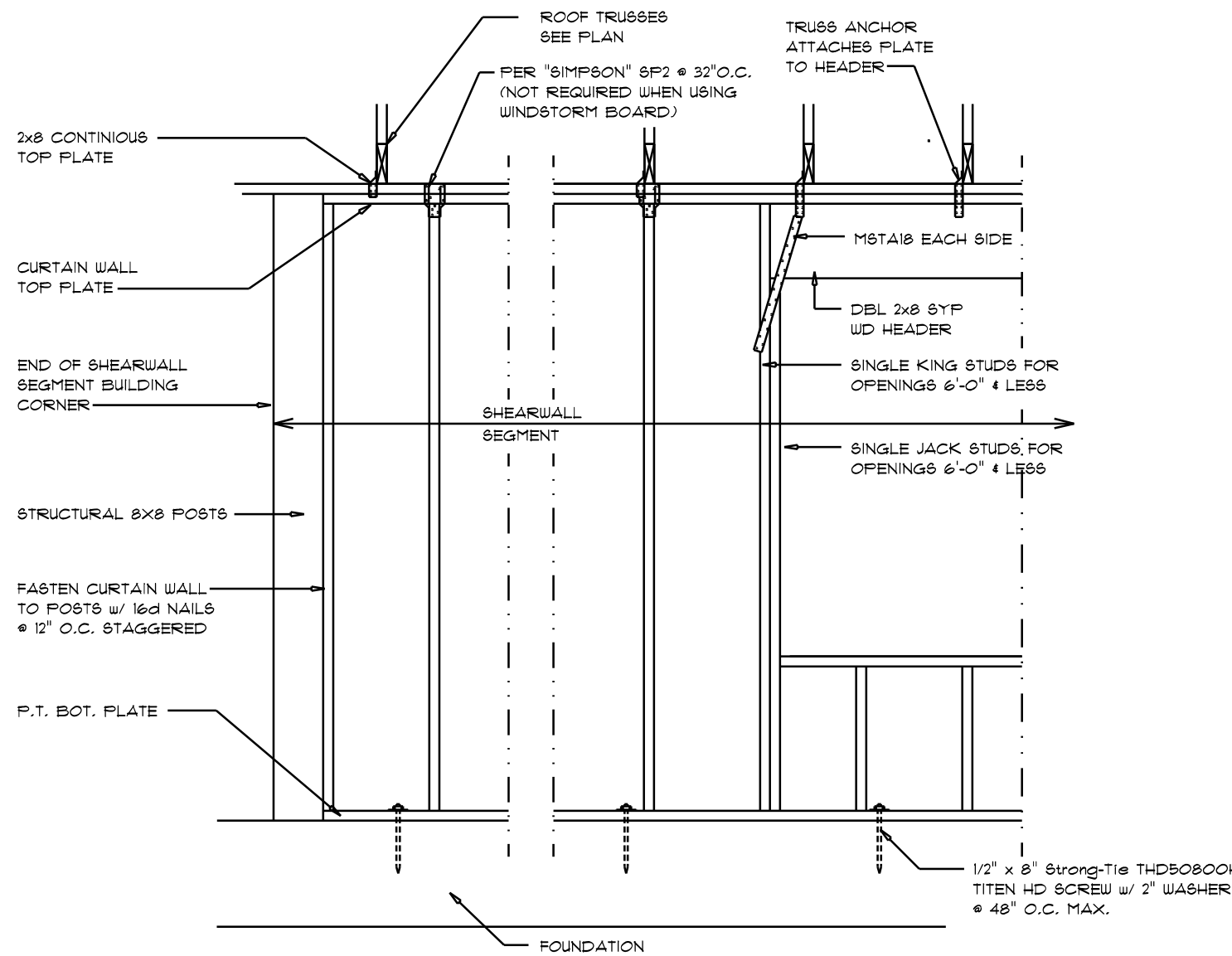
ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/16" O.S.B. OR 15/32 CDX	2 1/4"x0.131" RING SHANK NAILS OR 3"x0.100" RING SHANK NAILS	6 in. o.c. EDGE 6 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES
(GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE



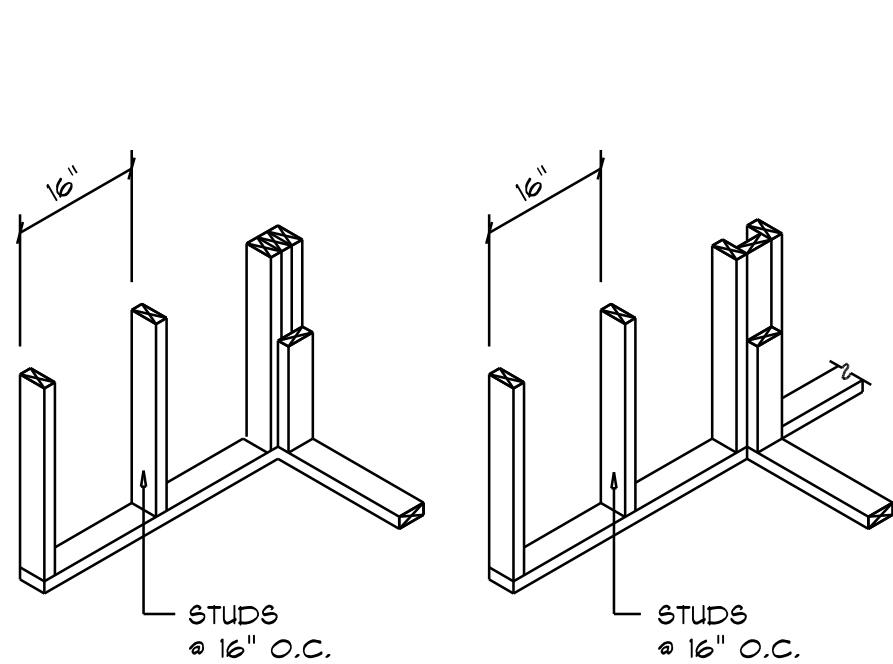
SHEARWALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 1/16" WINDSTORM BD 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 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

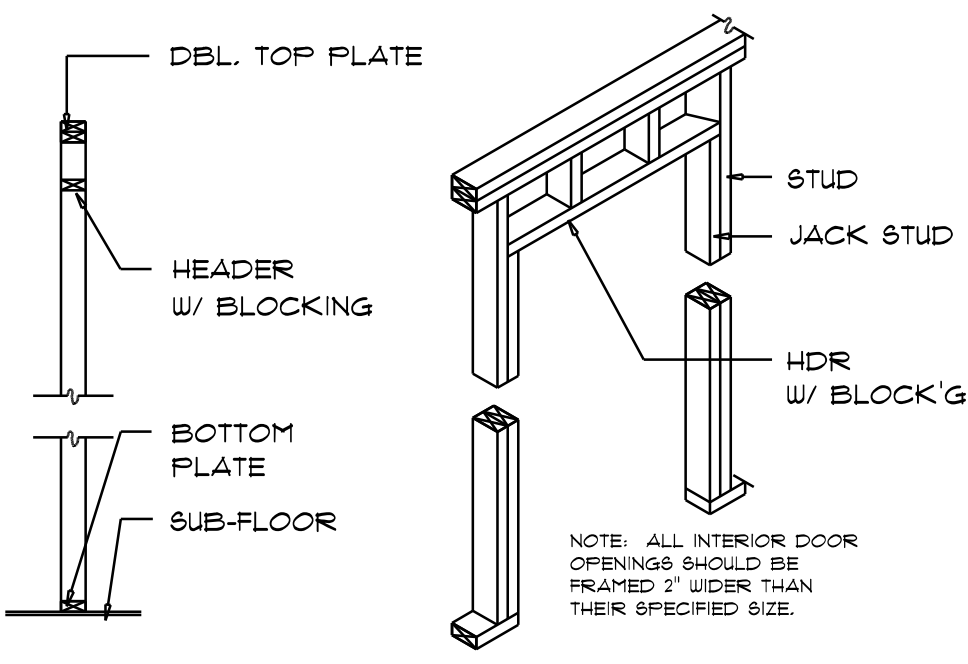
Shear Wall DETAILS

SCALE: NONE

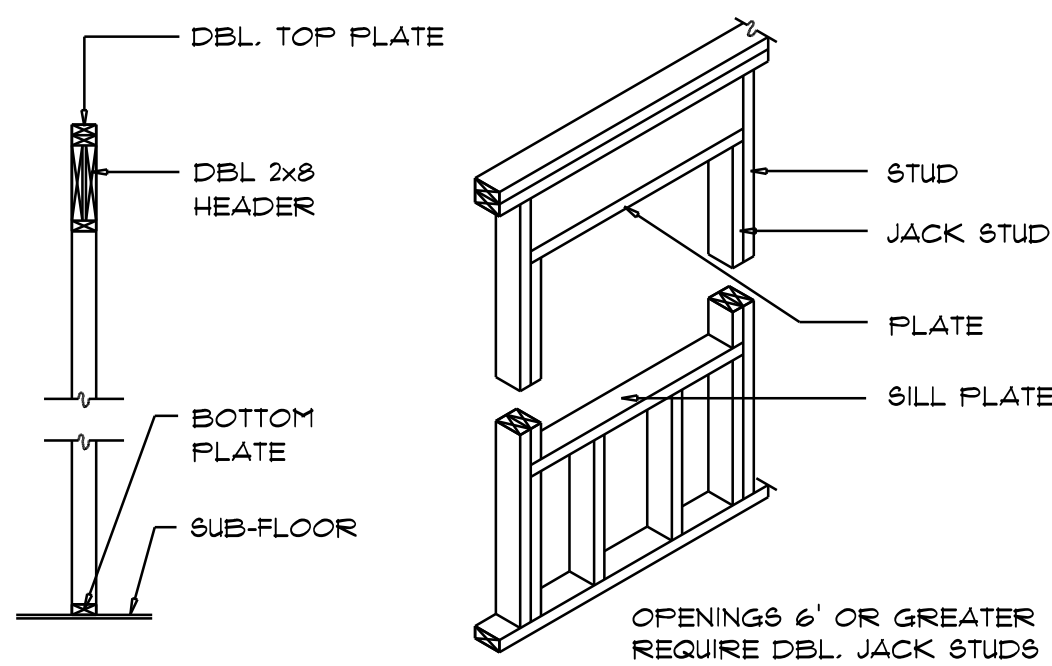


WALL CORNER

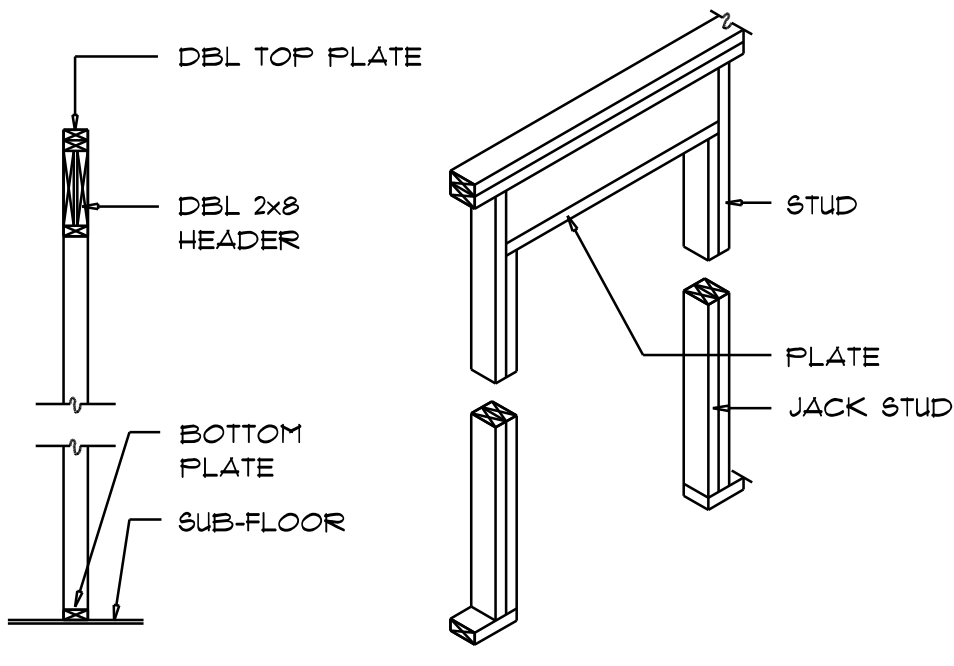
WALL INTERSECTION



INTERIOR WALL HEADER



TYPICAL WINDOW HEADER



BEARING WALL HEADER

Wall Framing/Header DETAILS

SCALE: NONE

STRUCTURAL DESIGN CRITERIA:

- THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2023 FLORIDA, 8th EDITION BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
- WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE: "B"
BASED ON ANSI/ASCE 7-22, 2023 FBC 1609-4 WIND VELOCITY: $V_{ULT} = 130$ MPH
 $V_{ASD} = 101$ MPH
- ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
- FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF
- WIND NET UPLIFT: ARE AS INDICATED ON PLANS

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE T° TO 21°						
ROOF-T TO T°	WIND ZONE	WIND AREA	V _{ULT} 110 MPH	V _{ULT} 120 MPH	V _{ULT} 130 MPH	V _{ULT} 140 MPH
	1	10	12.0 / -19.9	14.9 / -23.1	17.5 / -27.8	20.3 / -32.3
	1	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0	18.9 / -31.4
2	10	80	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0	16.1 / -30.2
	2	20	12.5 / -34.1	14.9 / -41.3	17.5 / -48.4	20.3 / -56.2
	2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6	18.9 / -51.1
3	10	80	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.1
	3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6	20.3 / -83.1
	3	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0	18.9 / -77.1
WALL	10	80	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
	4	10	21.8 / -23.6	25.9 / -34.1	30.4 / -33.0	35.3 / -38.2
	4	20	20.8 / -22.6	24.1 / -26.9	28.0 / -31.6	33.1 / -36.1
5	10	80	19.5 / -21.3	23.2 / -25.4	27.2 / -29.8	31.6 / -34.6
	5	10	21.8 / -29.1	25.9 / -34.1	30.4 / -40.1	35.3 / -47.2
	5	20	20.8 / -27.2	24.1 / -32.4	28.0 / -38.0	33.1 / -44.0
6	10	80	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3	31.6 / -39.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	.82	1.21	1.41
20	.88	1.29	1.55
25	.94	1.35	1.61
30	1.00	1.40	1.66

STANDARD HEADER SCHEDULE

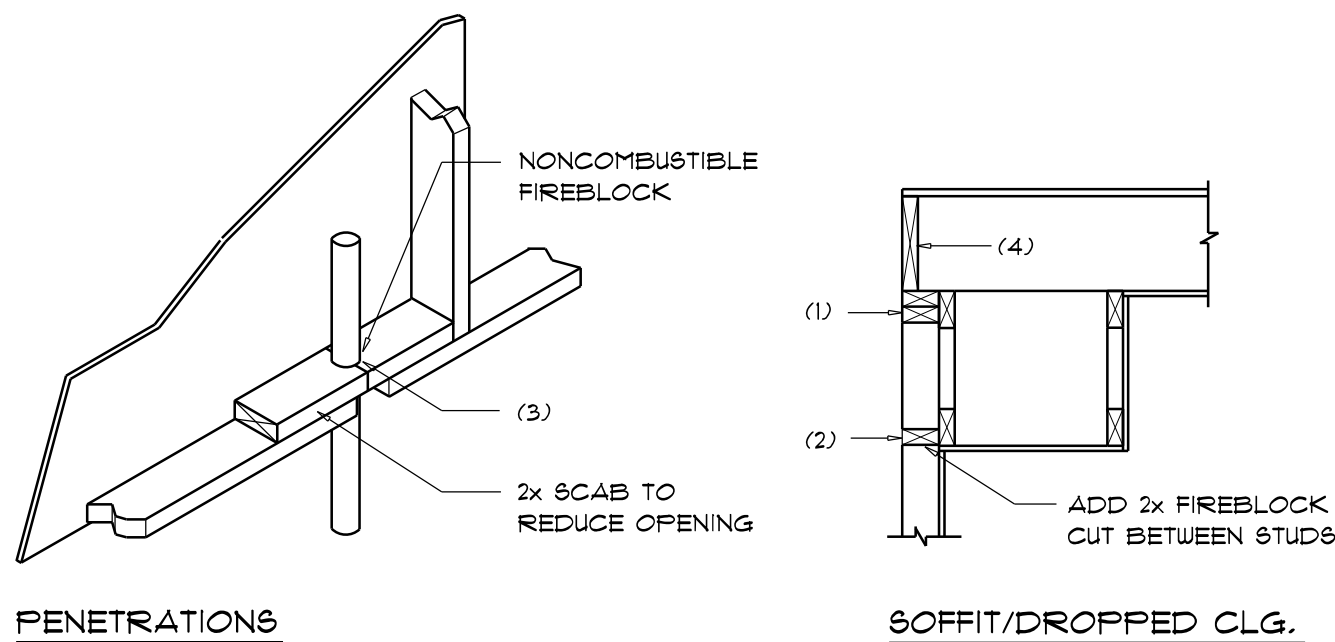
0'-0" UP TO 6'-0" OPENINGS

DOUBLE 2x8 No.#2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA18 TOP AND 1 - SIMPSON 6P4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 1 FULL HEIGHT STUDS EACH SIDE OF OPENING

6'-0" UP TO 9'-0" OPENINGS

DOUBLE 2x12 No.#2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSON MSTA24 TOP AND 2 - SIMPSON 6P4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD AND 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof:	Hip Construction, Wood Trusses @ 24" O.C.
Walls:	2x4 Wood Studs @ 16" O.C.
Floor:	4" Thk. Concrete Slab w/ Fibermesh Concrete Additive
Foundation:	Continuous Footer/6cm Wall
ROOF DECKING	
Material:	1/2" CDX Plywood or 1/16" O.S.B.
Sheet Size:	48"x96" Sheets Perpendicular to Roof Framing
Fasteners:	8d Ring Shank per schedule on sheet 8.4
SHEARWALLS	
Material:	1/2" CDX Plywood or 1/16" O.S.B.
Sheet Size:	48"x96" Sheets Placed Vertical
Fasteners:	8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragstrut:	Double Top Plate (S.Y.P.) w/16d Nails @ 12" O.C.
Wall Studs:	2x4 Studs @ 16" O.C.
HURRICANE UPLIFT CONNECTORS	
Truss Anchors:	SIMPSON H2.5a @ Ea. Truss End (Typ. U.O.N.)
Wall Tension:	Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts:	1/2" A307 Bolts @ 48" O.C., 1st Bolt 12'-16" from corner
Corner Hold-down Devices:	(1) HTTS @ each corner
Porch Column Base Connector:	Simpson ABUL66 @ each column
Porch Column to Beam Connector:	Simpson EPC66/PC66 @ each column
FOOTINGS AND FOUNDATIONS	
Footings:	12" x 12" X CONT., CONCRETE FOOTING w/ 2 #5 REBAR.



PENETRATIONS

SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, COVE CEILING, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTIFLEX SEALANT"
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUFR/MODEL
HEADER TO KING STUD(S):	SIMPSON MSTA18
PORCH BEAM TO POST:	3 - 5/8" LAG SCREWS
MISC. JOINTS	SIMPSON A34

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.
NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.
NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

REVISIONS

April 22nd, 2026

May 19th, 2026

A CUSTOM RESIDENCE FOR:

BOORMAN RESIDENCE

COLUMBIA COUNTY, FLORIDA

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
1759 NW Brown Rd.
Lake City, FL 32055

SHEET NUMBER

S.2

OF 2 SHEETS

Nicholas P Geisler
Digitally signed by Nicholas P Geisler
Date: 2026.06.09 10:36:02 -04'00'
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