



FLORIDA BUILDING CODE	
Compliance Summary	
TYPE OF CONSTRUCTION	
Roof: Gable 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/stem Wall	
ROOF DECKING	
Material: 1/2" CDX Plywood or 7/16" O.S.B. Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing Fasteners: 8d Ring Shank per schedule on sheet 9.4	
SHEARWALLS	
Material: 1/16" O.S.B. WINDSTORM BOARD 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/ 8d 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 Device: (1) HHTB @ each corner Porch Column Base Connector: Simpson ABU66 @ each column Porch Column to Beam Connector: Simpson EPC66/EPC66 @ each column	
FOOTINGS AND FOUNDATIONS	
Footing: 20" x 12" X CONT., CONCRETE FOOTING W/ 2 #5 REBAR. Int. Footing: 12" x 12" X Cont. W/ 2 #5 Bars Cont. on wire/plastic chairs @ 48" o.c.	

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF'R/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5a or SDWC15600	600*
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	1185*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO GILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	SIMPSON PC66/EPC66	1100*
POST TO FND.:	SIMPSON ABU66	2200*
MISC. JOINTS	SIMPSON A34	315*240*

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.

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #25-0810.15

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #91-0101.05, #96-1126.11, #99-0623.04
#BCCI-NER-443, NER-393

REVISIONS

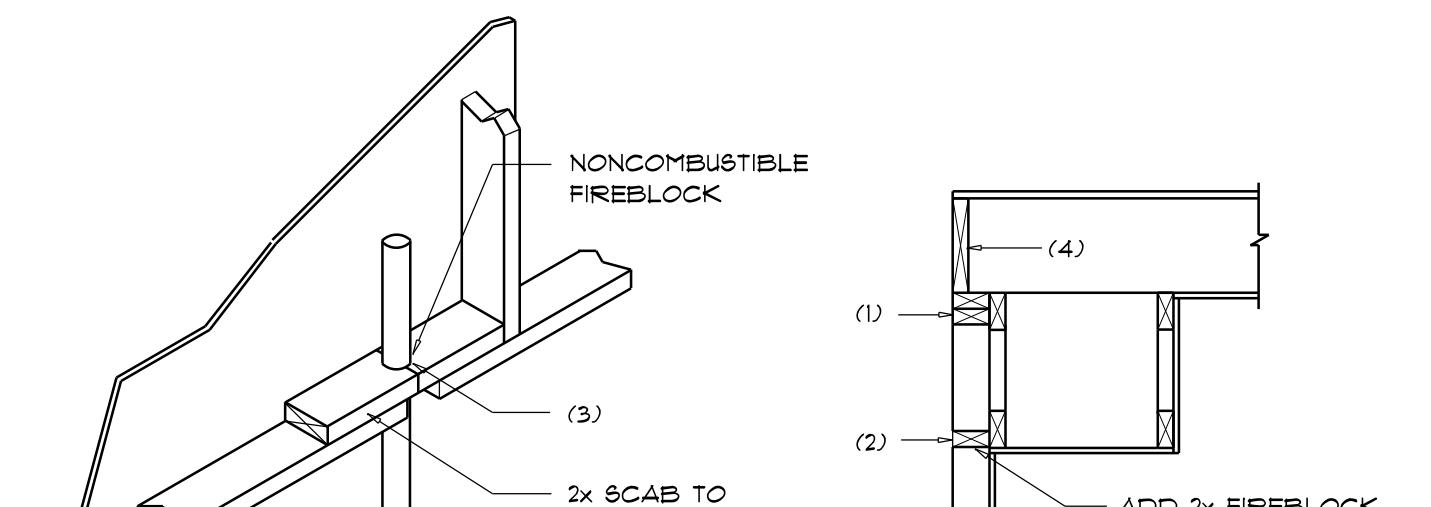
Sep. 3rd, 2025

BEDENBAUGH RESIDENCE

COLUMBIA COUNTY, FLORIDA

BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE T TO 27°					
	ZONE	AREA	VULT 110 MPH	VULT 120 MPH	VULT 130 MPH
ROOF T TO 27°	1	10	12.0 / -19.3	14.9 / -23.1	17.5 / -21.8
	1	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0
	1	50	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0
	2	10	12.5 / -34.1	14.9 / -41.3	17.5 / -48.4
	2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6
	2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4
	3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6
	3	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0
	3	50	10.0 / -43.5	11.9 / -51.0	13.9 / -60.0
WALL	4	10	21.6 / -23.6	25.9 / -34.1	30.4 / -33.0
	4	20	20.8 / -22.6	24.7 / -26.8	29.0 / -31.6
	4	50	19.5 / -21.3	23.2 / -25.4	27.1 / -29.8
	5	10	21.8 / -29.1	25.9 / -34.1	30.4 / -40.1
	5	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0
	5	50	19.5 / -24.6	23.2 / -29.3	27.1 / -34.3
	6	10	21.8 / -29.1	25.9 / -34.1	30.4 / -41.2
	6	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0
	6	50	19.5 / -24.6	23.2 / -29.3	27.1 / -34.3

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	.82	1.21	1.47
20	.88	1.28	1.55
25	.94	1.35	1.61
30	1.00	1.40	1.66



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 CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROFLEX 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

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