WINDLOAD DATA AND EXPOSURE:
(Designed In accordance with the 2020 FBC):

Basic Wind Speed = 130 mph Vult.
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 19'
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 2:12
Eave Overhange: 1'6"
Wall Height = 10' at rear to 15' at front (varies)
Risk Category = II
Component and Cladding Pressures = Roof(Zone 1=13.6,-26.0, Zone 2=13.6,-26.0, Zone 3=13.6,-41.4), Wall(Zone 4=18.2,-19.8, Zone 5=18.2,-24.4)(units are psf)

TRUSS ANCHORS:

Install Simpaons H10A anchor at each truss to top plate location. (see gable bracing detail for additional strapping)

ROOF SHEATHING:

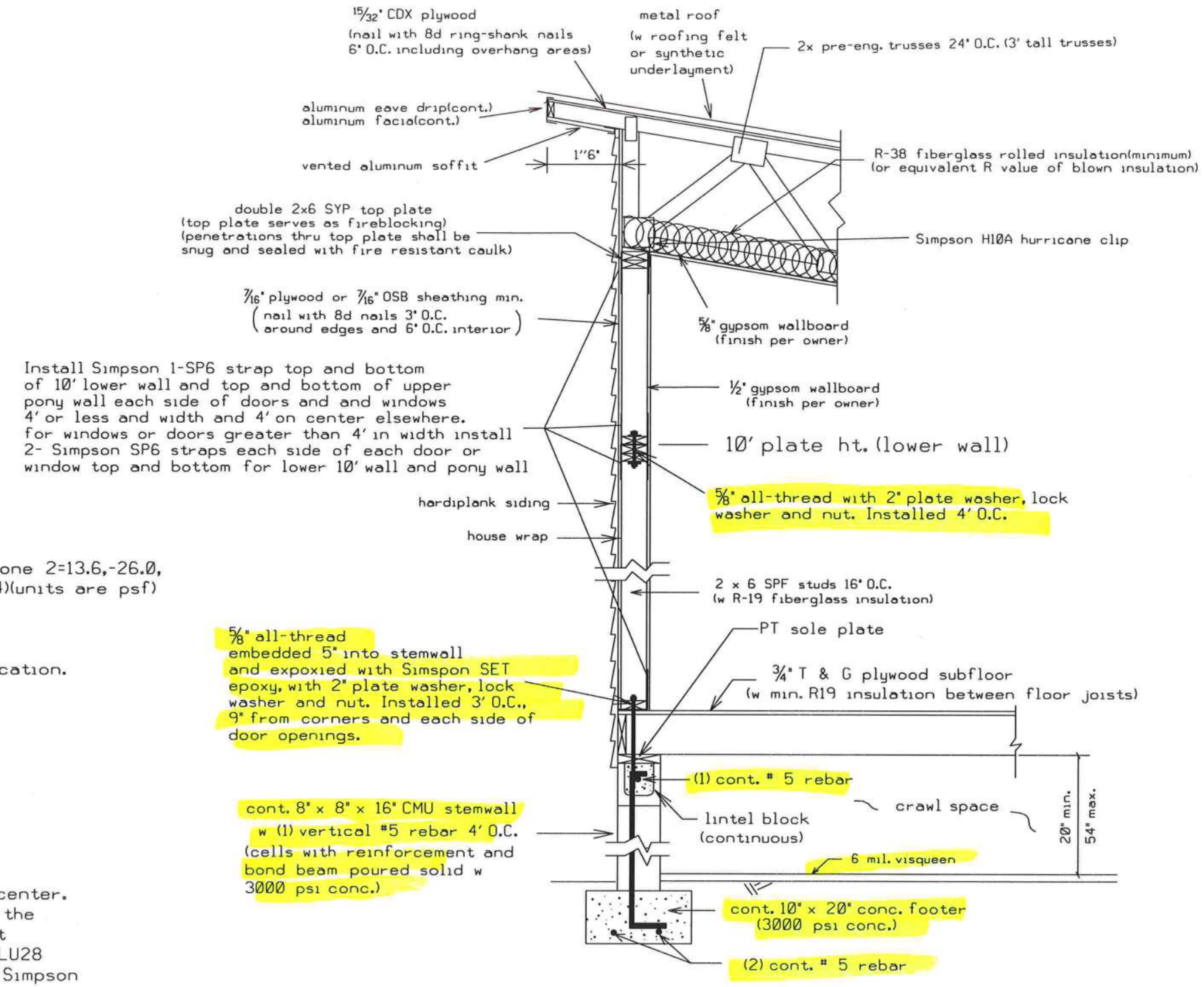
Shall be 15/32" CDX plywood 8d ring-shank nails 6" on center including overhang areas.

REAR PORCH ROOF FRAMING:

Rear porch rafters shall be #2 SYP 2x8 rafters at 2' on center. Install #2 SYP 2x4 roof supports upright perpendicular to the rafters 2' on center and cantilever 1'6" past edges. Connect to rafters with two #9 x 3.5" deck screws. Install Simpson LU28 hanger at home and connect rafters to porch header with Simpson H2.5A hurricane clip.

6x6 REAR PORCH COLUMNS:

Notch column to recieve header and install 2-5/8" galvanized carriage bolts. (see details for column foundation requirements)



TYPICAL WALL DETAIL(N.T.S.)

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X10'S w #2 SYP 2X6 top and bottom to form a box header, nail w 12d nails 8" O.C.

PORCH BEAMS SHALL BE: 2 - #2 SYP 2X12's w 1/2" plywood or OSB between nail w 4-12d nails 10" O.C.

SYP = SOUTHERN YELLOW PINE

PLANS PREPARED BY:
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BLACKWELL RESIDENCE PLANS
COLUMBIA COUNTY, FL

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