

STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2017 FBC)

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 130 mph Vult.
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 10' 4"
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 1/4" per foot min.
Wall Height = 8'
Risk Category = II
Component and Cladding Pressures = Roof(Zone 1=10.5,-16.0, Zone 2=10.5,-29.0, Zone 3=10.5,-43.0), Wall(Zone 4=18.2,-19.0, Zone 5=18.2,-24.0)(units are psf)

ROOF JOIST ANCHORS:

At Joist to Exterior Wall Locations: install one Simpson model H3 anchor each location

WALL STRAP TIES:

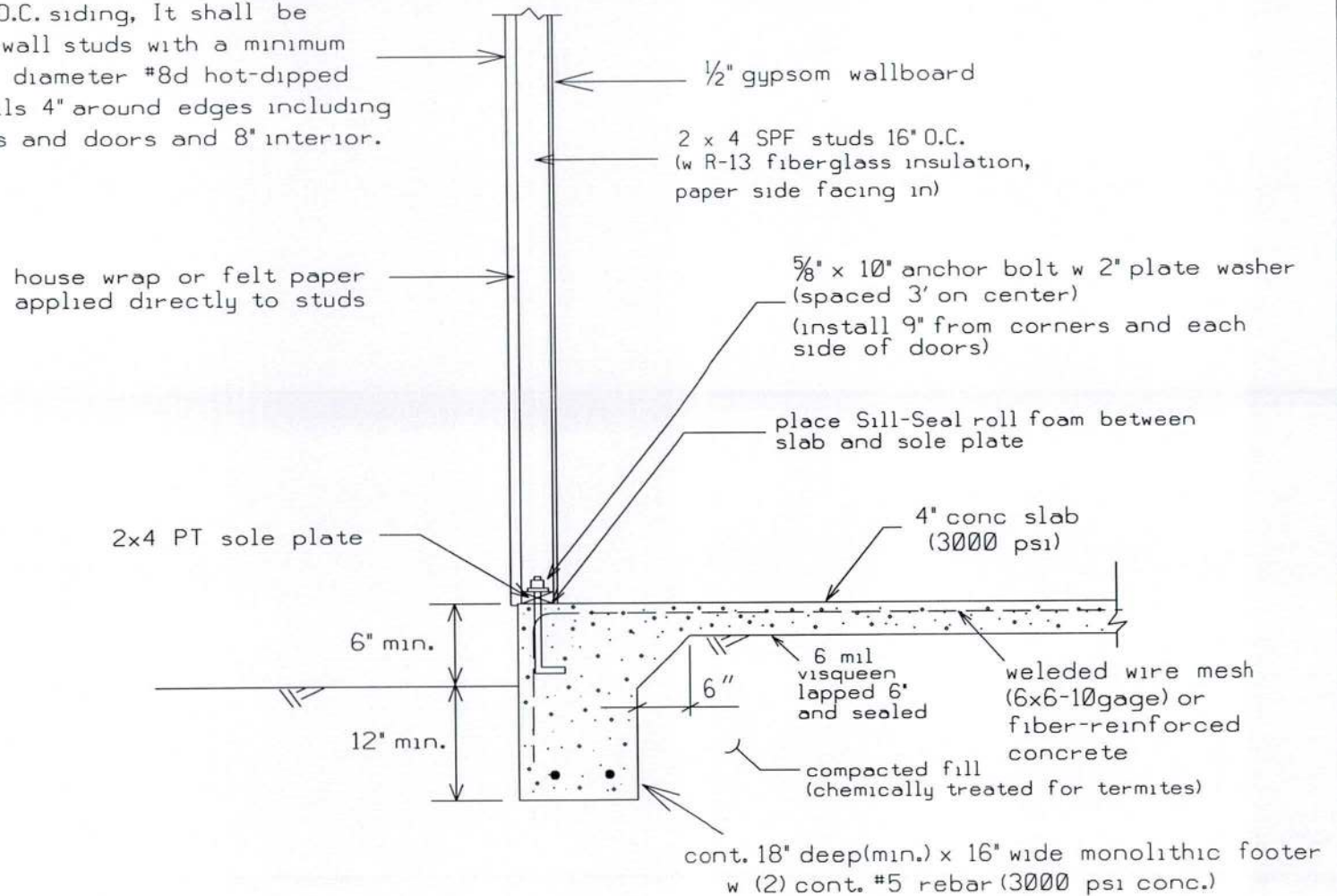
At top and bottom of wall install one Simpson model SP4 at each side of each door and window 4' or less in width. At top and bottom of wall for the 8040FX windows install two Simpson model SP4's each side of opening. At all other locations install one Simpson model SP4 4' on center top and bottom of the wall.

SHEATHING:

Wall sheathing shall be as shown in Detail A.
Roof sheathing shall be as shown in Roof/Ceiling Detail.

Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

1 9/32" T1-11 siding applied vertically over house wrap or felt. siding shall be APA rated 16" O.C. siding. It shall be connected to wall studs with a minimum of 0.113 shank diameter #8d hot-dipped galvanized nails 4" around edges including around windows and doors and 8" interior.



DETAIL A - OPTIONAL WALL TYPICAL(N.T.S.)

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X12'S w 1/2" plywood or OSB between nailed w 4-12d nails 10" O.C.

SYP = SOUTHERN YELLOW PINE

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9-10-20

0 2' 4'
scale

PLANS PREPARED BY:
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FRISINGER RESIDENCE PLANS
COLUMBIA COUNTY, FL

SHEET
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