Panel Shop Drawing: PANEL B

Building/Site Design Conditions

Wind: 190 mph, EXP B
Snow: SD E
Roof Live: 95 psf
Floor Live: 20 psf (overload)
Special Conditions: None

Notes
1. Location: 3rd floor, normal SPF. Star grade.
2. Studs: 7/16" OSB, 0.50" nominal 16X16 spacing 4" c.c. on panel edges and 8" c.c. in field.
3. Framing nails: top horizontal (0.109"), L=3-3/4".
4. Roofing nails: hex. head (0.109"), L=3-3/4".
5. Stairs: spec'd 30", not specified otherwise.
6. Panels shall be installed to the foundation with 1/2" laps spaced maximum 4" c.c. 5/4X60 inch square plate anchors shall be installed between the nut and the bottom plate first bolt shall be located within 36" from the building corner. Panel anchors shall be secured to the foundation with 1/2" bolt.
7. Studs top plate is nailed with framing nails spaced 16" c.c.
8. Top plate to top plate lap connection at the building corner shall use three framing nails.
9. Panels are nailed to studs with two framing nails per connection.
10. Double studs are face-nailed with two framing nails spaced 24" c.c. Triple studs are face-nailed on each side using three nails.
11. Nailing in material per manufacturer's specifications.
12. Top plates of two adjacent panels are connected using a 3/8" plate steel strip with 3 framing nails on each side.
13. Stakes of the adjacent panels are face-nailed with two framing nails at 24" c.c.
14. Special connection details are shown on Sheet 2.
15. Panels shall be temporary braced every 12" to the platform with 24" tensioner positioned at an angle between 30°-45° measured from the panel surface.
16. Accessory ceiling and matching are specified on Sheet 2.
17. Minimum improvements are specified on Sheet 3.
18. Panel shall be trimmed in place with a thickness of STR-500 as specified. The strength module is attached to the top plate at two points using connections with an adequate design resistance of 200 lb.

Structural Forces
1. 300 lb/ft (E), 165 lb/ft (R).
2. 50 lb/ft (3).
3. 20 lb/ft (5).
4. 40 lb/ft (4).

Handling Method

View Wall Engineering, Inc.

Golden Series
Plan GS555
SD3