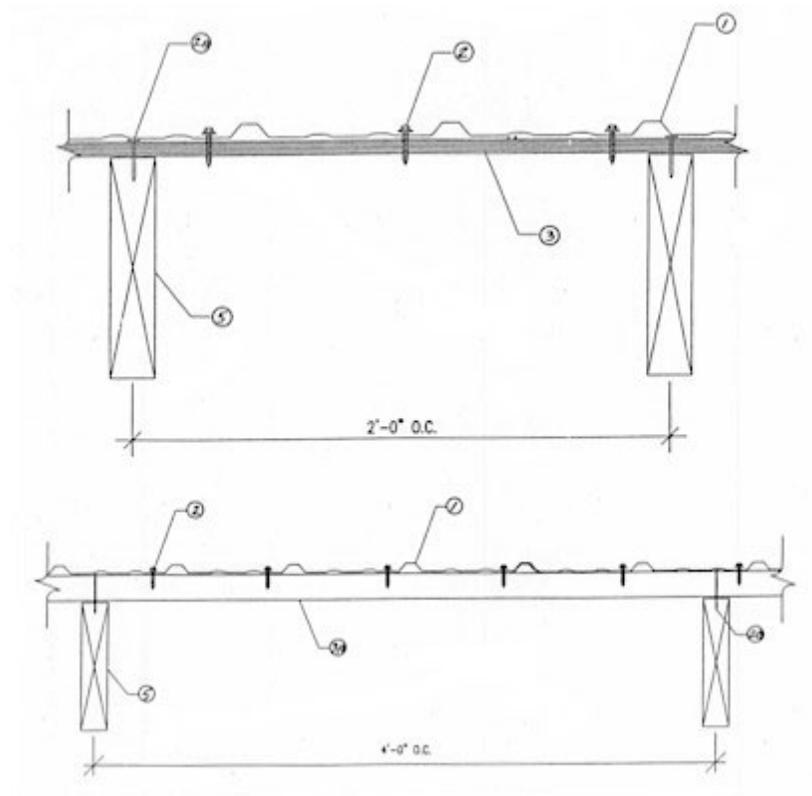


Construction No. 561

Uplift-Class 90

Fire Not Investigated



1. Metal Roof Deck Panels*-No. 29 MSG min coated steel. Max panel width 36 in. Rib height max 3/4 in. Panels continuous over two or more spans. Panels to overlap 6 in. at endlaps and must occur adjacent to a support when plywood decking (Item 3) is not used. A bead of sealant may be used at panel endlaps and sidelaps.

- American Building Components -"Perma-Clad"
- Metal Building Components, Inc. -"Perma-Clad"
- NCI Building Systems LP -"Perma-Clad"

2. Fasteners - (Screws) -For panel attachment to wood deck (Item 3), fasteners to be 1/4 in.-14x1-1/2 in. long Type AB or No. 14x1-1/2 in. long Type A when substructure is plywood decking (Item 3). When 2 x 4 lathing (Item 3A) is used, fasteners may be any of the following: 1/4 in.-14x1-1/2 in. long Type AB, No. 14x1-1/2 in. long Type AB, No. 14x 1-1/2 in. long Type A or No.

10x1- 1/2 in. long Wood grip. Fasteners to be installed 24 in. OC along the length of the panel. Fastener spacing across the width of panel to 9 in. on center beginning 1-3/4 in. from the center line on one side of each major rib. Fastener spacing at panel ends to be in a 1-3/4 in. from the center line on one side of each major rib. Fastener spacing at panel ends to be in a 1-3/4, 5-1/2, 3-3/4, 5-1/2, 3-3/4, 5-1/2 in.

2A. Fasteners - (Screws or Nails)-For attachment of-plywood deck (Item 3) to joists (Item 5), fasteners to be min. No. 6x1-7/8 in. long bugle head screw or annular ring-shank nails. Spacing to be 6 in. OC at plywood edges and 12 in. OC at intermediate supports.

2B. Fasteners - (Screws)-For attachment of 2x4 lathing (Item 3A) to joists (Item 5), fasteners to be min. No. 8x3 in. long bugle head screw, two screws per attachment point.

3. Substructure - (plywood)-Plywood decking to be a nom 5/8 in. thick, exposure sheathing span C-D, 40/20 plywood. All butt joints to be sealed against leakage by using tape and/or caulk or with one-part urethane sealant.

3A. Substructure - (Lathing)-Lathing to be nominal 2x4 wood, no.2 or better, spaced 24 in: on center max.

4. Moisture Barrier - (Optional) (Not Shown)-Any suitable membrane to protect substructure (Item 3 or 3A),

5. Joists-Joists spaced at 2 ft, 0 in. OC when plywood decking is used and 48 in. on center when 2x4 lathing (Item 3A) is used, may be one of the following:

A. Nom 2 by 10 in. wood joists No.2 or better.

B. Nom 2 by 4 in. wood when used on a top cord of a wood truss, No.2 or better.

Refer to General Information, Roof Deck Construction, (Roofing Materials and Systems Directory) for Items Not Evaluated.

*Bearing the UL Classification Marking