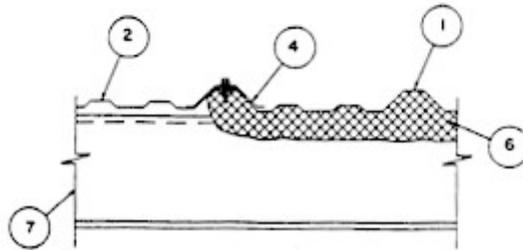
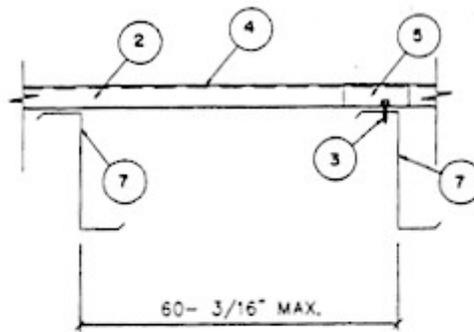
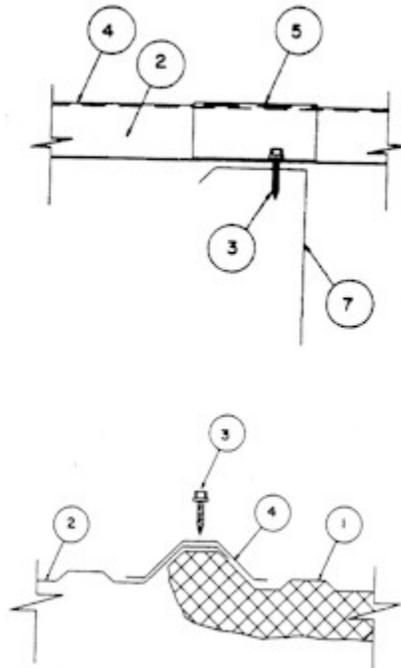


Construction No. 184

Uplift - Class 90

Fire Not Investigated





1. Metal Roof Deck Panels* No. 26 MSG min coated steel. Panels continuous over two or more spans. End laps to occur over purlins with panels overlapped 6 in. Lap to begin even with purlin web and extend across purlin upper flange. Sealant may be used at panel end and side laps.

- A&S BUILDING SYSTEMS, INC.---"R" or "PBR" Panel
- MBCI-"R" or "PBR" Panel
- MESCO METAL BUILDINGS-"R" or "PBR" Panel
- NCI BUILDING SYSTEMS LP--"R" or "PBR" Panel.
- MIDLAND METALS, INC. — "PBR"

2. Building Units* (Translucent reinforced plastic panels) - Formed to the same profile as the metal roof deck panels (Item 2). Nom thickness 0.060 in. Panels continuous over two or more spans. End laps min of 6 in. long to occur over purlins. Metal panel to be over plastic panel at upslope location and under at downslope location.

- NCI BUILDING SYSTEMS LP--"R Light Transmitting Panel"

3. Fasteners used for metal and plastic panel to purlin connections to be No. 12-14 by 1-1/4 in. long self-drilling, self-tapping, hex-head plated steel screws with a separate 1/2 in. OD formed steel washer and a neoprene sealing washer.

Spacing for metal panel to purlin connections to be 12 in. OC beginning 2-1/4 in. from the center line on one side of each major rib. Spacing for plastic panel to purlin connections to be in a 2-1/4, 3, 1-1/2, 3, 2-1/4 in. pattern beginning 2-1/4 in. from the center line on both sides of each major rib with the two outer most fasteners driven into the rib reinforcement. An additional fastener is to be driven into the rib reinforcement on the outside of the rib and located 2-1/4 in. from the rib center line. Spacing at the end laps for metal panels to be in a 4-1/2, 7-1/2, 4-1/2 in. pattern beginning 2-1/4 in. from the center line on both sides of each major rib.

Fasteners for metal and plastic panel to panel connections to be same as panel to purlin screws but 1 in. long. Spacing for metal panel to metal panel connections to be 20 in. OC. Spacing for plastic panel to metal panel connections to be 12 in. OC.

4. Light Transmitting Panel Side Reinforcement The reinforcement for use at side laps of building units (Item 2) to be hat-shaped, 6 in. wide at the base, and formed to the profile of the panel major ribs. Fabricated from No. 26 MSG steel having a yield strength of 80,000 psi.

5. Light Transmitting Purlin Reinforcement Used over building unit (Item 2) at purlin locations. 3 in. wide No. 26 MSG steel, formed to the profile of the panel. Yield strength of steel to be 80,000 psi.

6. Insulation Compressible blanket type insulation. 4 in. nom thickness before compression.

7. Purlins No. 16 MSG min gauge steel (50,000 psi min yield strength).

8. Lateral Bracing (Not Shown) - As required.

Refer to General Information, Roof Deck Construction (Roofing Materials and Systems Directory) for items not evaluated.

*Bearing the UL Classification Marking