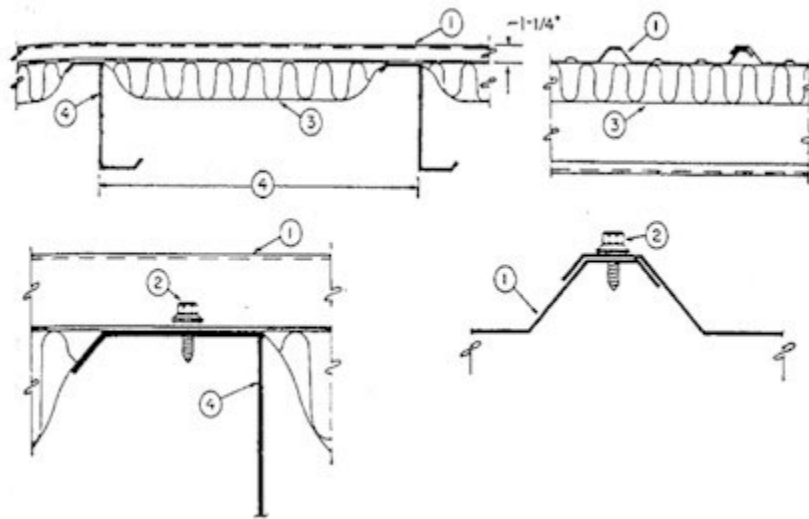


Construction No. 54

Uplift - Class 90 or 60 (See Items 2 and 4)

Fire - Not Investigated



1. Metal Roof Deck Panels* No. 26 MSG min gauge coated steel panels continuous over two or more spans. End laps to occur over purlins with panels overlapped 6 in. with lap beginning 3 in. from purlin web and extending across purlin upper flange. A bead of sealant may be used at panel end and side laps.

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

2. Panel Fasteners For panel to purlin connections to be No. 12-14 self-drilling, self-tapping, hex-head, plated steel screws with a separate 1/2 in. OD formed steel washer and a separate neoprene sealing washer. The heads may have a nylon cover. Length to be 1 in. for up to 3 in. max thick insulation and 1 1/4 in. for insulation greater than 3 in.

Spacing: For Class 90 to be 6 in. OC located 3 in. from center line on both sides of each major rib. Spacing at end laps to be the same.

For Class 60 to be 12 in. OC beginning 2 1/2 in. from the center line on one side of each major rib. Spacing at end laps to be 6 in. OC beginning 3 in. from center line on both sides of each major rib.

For panel to panel connections - for Class 90 or 60 - to be same type 1 in. long. Spacing to be 18 in. OC with a fastener located over the purlins.

As an Alternate Fastener: For panel to purlin connections No. 14 by 3/4 in. Type A, self-tapping, plated steel screws with a separate 5/8 in. OD domed steel washer and a bonded neoprene sealing washer may be used. Length to be 3/4 in. for up to 3 in. max thickness insulation and 1 in. for insulation greater than 3 in. For Panel to panel connections to be same type 3/4 in. long.

Pilot holes: For panel to purlin to be a No. 8 bit. For panel to panel to be 1/8 in. diam.

3. Insulation (Optional) - Any compressible blanket insulation 4 in. max thickness before compression.

4. Purlin No. 16 MSG min gauge coated steel.

Spacing - For Class 90 to be 60-3/16 in. OC.

For Class 60 to be 63 1/4 in. OC.

No. 13 MSG min gauge coated steel.

Spacing - For Class 90 to be 63 1/4 in. OC.

(Min yield strength to be 55000 psi.)

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

*Bearing the UL Classification Marking