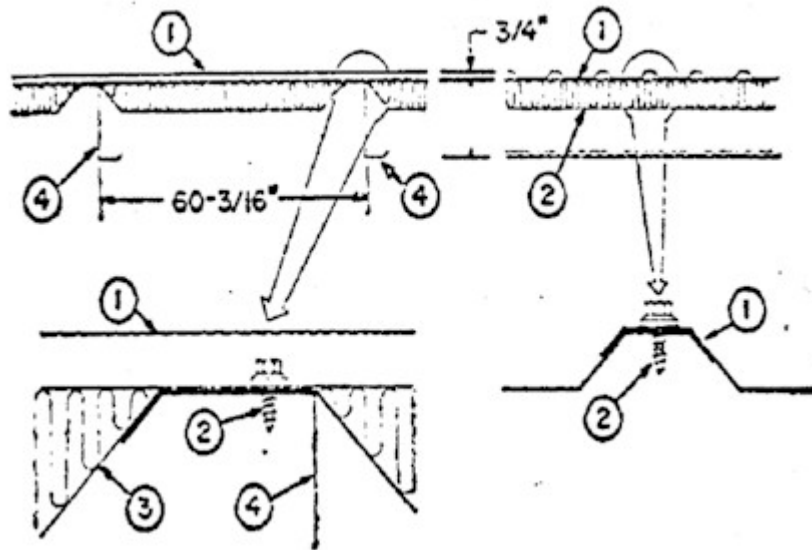


**Construction No. 39**

**Uplift - Class 90**

**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 1 in. from edge of purlin flange and extending across purlin. A bead of sealant may be used at panel end and side laps.

- ACI BUILDING SYSTEMS INC - "M" or "PBM" .
- AMERICAN BUILDINGS CO - "Multi-Rib".
- BERRIDGE MFG CO - Type "M"
- DEAN STEEL BUILDINGS INC - "RIB-6" .
- MBCI- Type "U" or "PBU".
- NCI BUILDING SYSTEMS LP-Type "U" or "PBU"
- METAL SALES MFG CORP - Type "U" .
- VICWEST, DIV OF - Type "U"
- WHIRLWIND STEEL BUILDINGS INC - "Lo-Rib".

**2. Panel Fasteners** For panel to purlin and panel to panel connections to be No. 14 self-tapping, hex-head, plated steel or stainless steel screws with a separate 5/8 in. O.D. steel or aluminum washer and a separate neoprene sealing washer. Length: For panel to purlin fasteners to be 3/4 in. for insulation up to 3 in. and 1-1/4 in. for insulation over 3 in. For panel to panel fasteners to be 3/4 in.

Spacing for panel to purlin fasteners to be 6 in. O.C. with fasteners located adjacent to the major ribs.

Pilot holes: For panel to purlin fasteners to be 13/64 in. diam.

For panel to panel fasteners to be 1/8 in. diam.

At end laps spacing to be 6 in. O.C. with fasteners located adjacent to major ribs.

Spacing for panel to panel fasteners to be 12 in. O.C.

Pilot holes: For panel to purlin fasteners to be 13/64 in. diam.

For panel to panel fasteners to be 1/8 in. diam.

**As An Alternate Fastener** No. 12-14 self-drilling, self-tapping, 1/2 in. hex-washer head Type B steel or stainless steel screws with a neoprene sealing washer may be used. Length: For panel to purlin fasteners to be 1 in. for insulation up to 3 in. and 1-1/2 in. for insulation over 3 in. For panel to panel fasteners to be 1 in. Spacing to be the same.

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

**4. Purlins** No. 16 MSG min gauge steel (55,000 psi min yield strength). Refer to General Information, Roof Deck Construction (Roofing Materials and Systems Directory) for Items not evaluated.

\*Bearing the UL Classification Marking