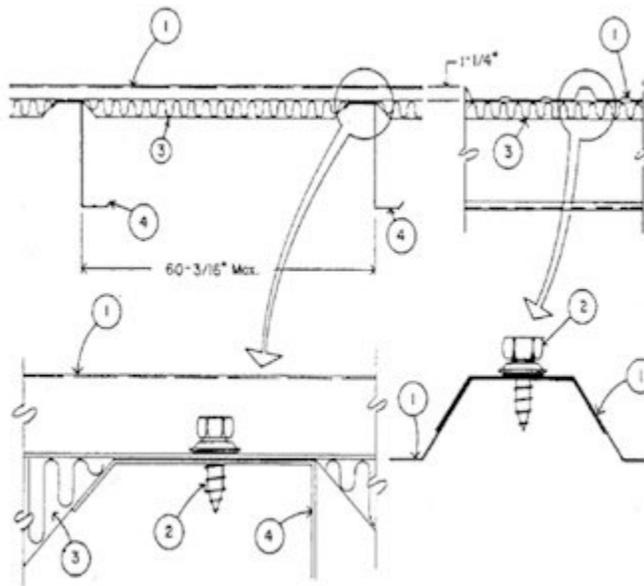


Construction No. 161

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 a min of 4 in. with lap centered over purlin web. A line of tape sealant may be used at panel side and end laps.

- A&S BUILDING SYSTEMS, INC.-"R" or "PBR" Panel
- ACI BUILDING SYSTEMS INC - "R" or "PBR Panel"
- ALLIANCE STEEL CO - "R Panel"
- BERRIDGE MFG CO - "R Panel"
- BUILDING CONCEPTS LTD - "B" Panel
- CENTRAL STATES MFG INC - "R Loc"
- COMMERCIAL BUILDING COMPONENTS INC - "R-Panel"
- FLORIDA PRE-FAB INC - "Florida Rib Panel"
- HIRSCHFELD METAL BUILDINGS - "R"
- KIRBY BUILDING SYSTEMS INC - "Kirby-Rib"
- MCELROY METAL MILL INC - "R Panel"
- MESCO METAL BUILDINGS - "R" or "PBR" Panel
- MBCI- "R" or "PBR" Panel
- METAL BUILDING PRODUCTS INC - "R"

- METAL SALES MFG CORP - "R Panel" , "PBR Panel" .
- MIDLAND METALS, INC. — "PBR"
- NCI BUILDING SYSTEMS LP - "R" or "PBR" Panel
- NUCOR BUILDING SYSTEMS, DIV OF - "Classic"
- SOUTHERN STRUCTURES INC - "SR Panel"
- STANDARD STRUCTURES INC - "PBR Panel" or "R Panel"
- STEEL SERVICE BUILDING CO - "R" or "R Panel PBL"
- UNITED STRUCTURES OF AMERICA INC - "U. S. A. R"
- WHIRLWIND STEEL BUILDINGS INC - "Super Span (X)"

2. Panel Fasteners For panel to panel and panel to purlin connections to be No. 12-14 by 1 in. self-drilling, self-tapping, hex head, plated steel screws with a 5/8 in. OD formed steel washer and a neoprene sealing washer.

As alternate Fasteners - For panel to purlin connections, 1/4 - 14 HHAB self-tapping, plating steel screws, with a separate 5/8 in. OD dome shaped steel washer and a neoprene sealing washer may be used.

Or: No. 14-10HHA, self-tapping, plating steel screws, with a separate, 5/8 in. OD dome shaped steel washer and a neoprene sealing washer may be used.

Spacing, for panel - to - purlin connections to be 12 in. on center beginning 2 - 1/2 in. from center line on one side of each major rib. Spacing at end lap to be in a 5 - 7 - 5 - 7 in. pattern beginning 2 - 1/2 in. from the center line on both sides of each major rib.

Fastener for panel to purlin connection to be 1-1/4 in. long when insulation (Item 3) is greater than 4-1/2 in.

Spacing for panel - to - panel connections to be 20 in. on center with a fastener located in line with the purlin fasteners.

3. Insulation (Optional) - Any compressible blanket insulation 6 in. max thickness before compression.

4. Purlin No. 16 MSG min gauge steel (50,000 psi min yield).

5. 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