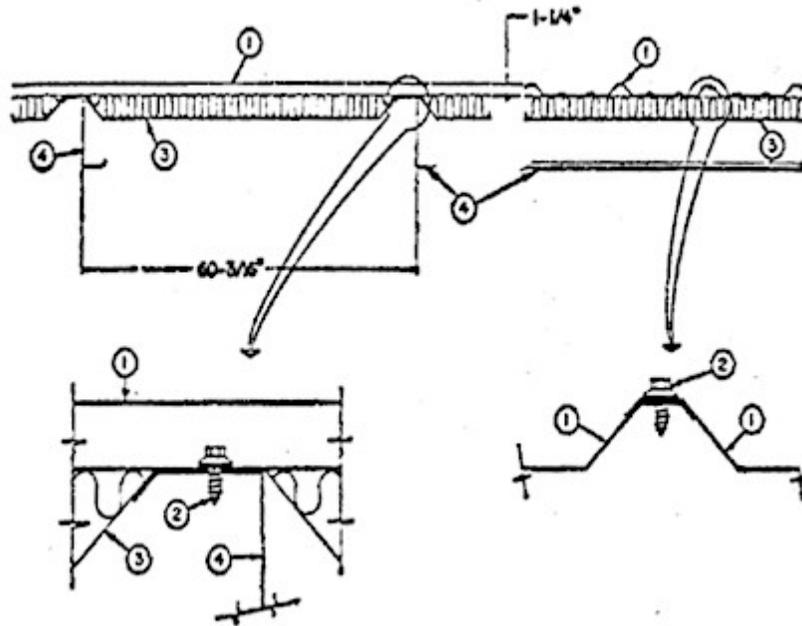


Construction No. 30

Uplift - Class 90 or Class 30

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 even with purlin web and extending across purlin flange. A bead of sealant may be used at panel end and side laps.

- A&S BUILDING SYSTEMS, INC.---"R" or "PBR"
- ACI BUILDING SYSTEMS INC - "R" or "PBR Panel"
- ALLIANCE STEEL CO - "R Panel"
- BERRIDGE MFG CO - "R Panel"
- BUILDING CONCEPTS LTD - "B Panel"
- CARLISLE ENGINEERED METALS INC - "R Panel"
- FLORIDA PRE-FAB INC - "Florida Rib Panel"
- HIRSCHFELD METAL BUILDINGS - "R"
- KIRBY BUILDING SYSTEMS INC - "Kirby Rib"
- MBCI- "R" or "PBR"
- MESCO METAL BUILDINGS-"R" or "PBR"
- MIDLAND METALS, INC. — "PBR"
- NCI BUILDING SYSTEMS L P - "R" or "PBR"

- UNITED STEEL DECK INC - "Uniline R"
- WHIRLWIND STEEL BUILDINGS INC - "Super-Span (X)"

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 panel fasteners to be 3/4 in. for insulation up to 3 in. thick and 1-1/4 in. for insulation over 3 in. thick.

For panel to panel fasteners to be 3/4 in.

For Class 90: Spacing for panel to purlin connections to be in a 4-8-4-8 in. pattern located 2 in. from the center line on both sides of each major rib. Spacing at end laps to be the same. Spacing for panel to panel connections to be 20 in. O.C. max with a fastener located over each purlin.

For Class 30: For panel to purlin connections to be 12 in. O.C. located 2 in. from the center line of each major rib. Spacing at end laps to be the same. Spacing for panel to panel connections to be 20 in. O.C. with a fastener located over each purlin.

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 connections to be 1 in. Spacing to be the same.

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

4. Purlins -

For Class 90: No. 14 MSG min gauge steel.

For Class 30: No. 16 MSG min gauge steel.

(50,000 psi min yield strength).

5. Lateral Bracing (Not illustrated) As required.

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

*Bearing the UL Classification Marking