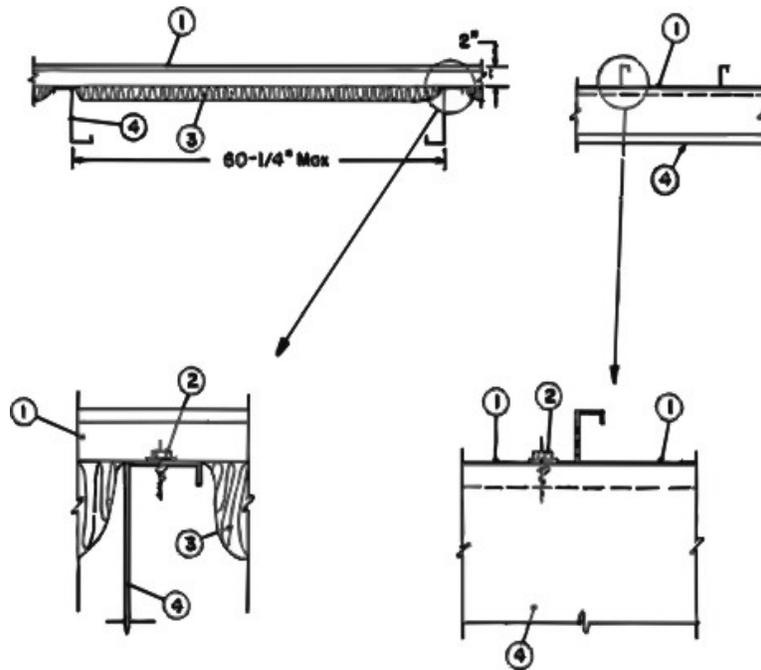


Construction No. 176

Uplift - Class 90

Fire Not Investigated



1. Metal Roof Deck Panels* No. 24 MSG min gauge coated steel, 16 in. max width. Panels continuous over two or more spans. End lap to occur over purlins with panels overlapped 6 in. with lap beginning 1 in. from purlin rib and extending across purlin flange. Side joints to be crimped with a special motorized crimper to a minimum 45 degree angle. A bead of sealing compound may be used at panel end and side laps.

- A&S BUILDING SYSTEMS, INC.--"BattenLok" or "SuperLok"
- A-LERT STANDING SEAM ROOF SYSTEMS--"A-Lert Loc"
- AEP-SPAN--"SL 216"
- ALLWINE ROOFING & CONSTRUCTION INC--"A2-16" , "A2-16 Fluted" and "A2-16 with Clip Offset"
- ATLANTA METAL PRODUCTS INC--"AMP Lok"
- CENTURION INDUSTRIES INC, DBA--"Centurion 1624M"
- CONSOLIDATED METALS OF FLORIDA, DIV OF--"CSS-210A"
- CUSTOM PANEL INDUSTRIES LLC--"T-Span"
- HCI STEEL PRODUCTS INC--"Mark 1622" , "Mark 1624"
- KNUDSON MFG INC--"ULTRALOK"
- MBCI "BattenLok" or "SuperLok"

- METAL-FAB INC--"Met-Fab III"
- METAL SALES MFG CORP--"Master-Span"
- MESCO METAL BUILDINGS-"BattenLok" or "SuperLok"
- NCI BUILDING SYSTEMS LP--"BattenLok" or "SuperLok"
- NEW TECH MACHINERY CORP--"Panel 210A"
- NORTH COAST COMMERCIAL--"Series 2500"
- ROL-TEC SYSTEMS INC--"ULTRALOK"
- ROOSEVELT BUILDING PRODUCTS CO INC--"CFSR2-12, -14, -16"
- STEELOX SYSTEMS INC--"264 or 262 Steelox" , "264 or 262 Steelox Lock-Rib," "244 or 262 Steelox Pencil-Rib"
- SUPERIOR METAL SYSTEMS INC--"SMS 416"
- ZIMMERMAN METALS INC--"SS2000"

2. Fasteners - For panel to purlin connections to be No. 12-14 by 1 in. self-drilling, self-tapping, hex-head plated steel screws with a separate 1/2 in. OD plated steel washer and a neoprene sealing washer. Spacing to be 16 in. O.C. with one fastener located 2 in. from the female side of each panel. Spacing at end lap to be in a 1-1/2, 3, 3-1/2, 3-1/2, 3-1/2, 1 in. pattern beginning from the female side rib.

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

3A. (Optional) An additional 2 in. max thickness of compressible blanket insulation may be used between purlins. The additional insulation shall not be sandwiched between the upper flange of the purlin and the roof deck panel.

4. Purlins - 0.056 in. min thickness steel (40,000 psi min yield strength).

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

*Bearing the UL Classification Marking