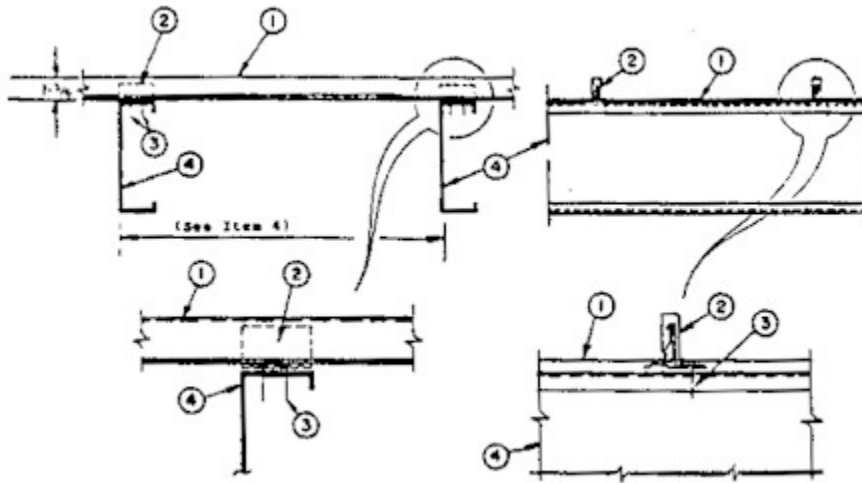


**Construction No. 543**

**Uplift - Class 90**

**Fire Not Investigated**



**1. Metal Roof Deck Panels\*** - No. 24 MSG (minimum) thickness coated steel. Maximum panel width 18 inches by 1 3/4 inches high at the ribs. Panels continuous over two or more spans with no end laps. A bead of sealant may be used at the panel side joint.

- A&S BUILDING SYSTEMS, INC.-"LokSeam"
- MBCI-"LokSeam"
- MESCO METAL BUILDINGS-"LokSeam"
- NCI BUILDING SYSTEMS LP-"LokSeam"

**2. Roof Deck Fasteners\* - (Panel Clips)** - One piece assembly, 3 1/2 inches wide, 1 7/8 inches high. Minimum thickness No. 18 MSG. One clip located at each purlin intersection.

- NCI BUILDING SYSTEMS LP - "LokSeam UL 90 Clip"

**3. Fasteners (screws)** - Fasteners used to attach panel clips (Item No. 2) to purlins to be No. 10-16 by 1 inch long plated steel pancake head No. 2 Phillips drive with a No. 3 self-drilling point. Two screws per clip.

**4. Purlins** - No. 16 MSG minimum thickness steel with a minimum yield strength of 50,000 psi. Purlin spacing as follows:

- a) 48 inch purlin spacing for class 90 rating for No. 24 MSG panels in all widths.

b) 60 inch purlin spacing for class 90 rating for No. 22 MSG 12 inch wide panels only.

c) 60 inch purlin spacing for class 60 rating for No. 22 MSG panels in all widths.

**5. Insulation** - (optional) - Any compressible blanket insulation, 3 inches max. thickness when located between panels (Item No. 1) and purlin (Item No. 4).

\*Bearing the UL Classification Marking.