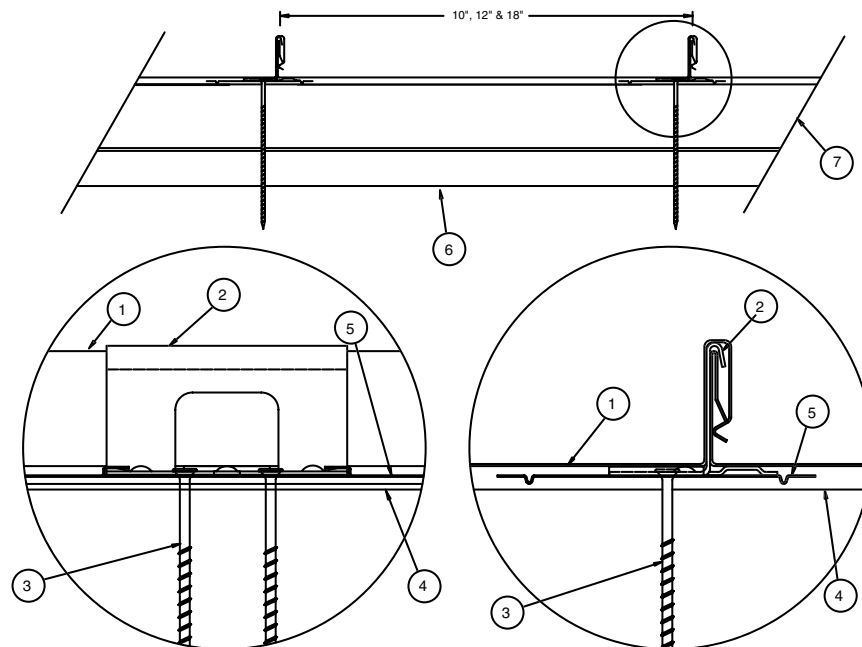


**Construction No. 303**

**Uplift-Class 90**

**Fire Not Investigated**



1. **Metal Roof Deck Panels\*** - No. 24 MSG min thickness coated steel panels. Panel width may be 18, 12 or 10-1/2 in. wide. Panel ribs to be 1-3/4 in. high. Panels continuous over three or more clips with no end laps.  
**Petersen Aluminum Corp. – “Snap-Clad”**
2. **Roof Deck Fasteners\*** (Panel Clips) – One piece assembly. No. 24 MSG min thickness, 3-1/2 in. wide, 1-15/16 in. high. Clip spacing to be 48 in. OC Clips to interface with Item 2A (bearing plate).  
**Petersen Aluminum Corp. – “Snap-Clad Clip”**
- 2c. **Bearing Plate\*** - (Not shown) – To be used with “Snap-Clad Clips” only Item 2). To be 24 MSG thick coated steel, nominal 4-5/8 in. wide by 6 in. long.  
**Petersen Aluminum Corp. – “Snap-Clad Bearing Plate”**
3. **Panel Fasteners – (Screws)** – Fasteners used to attach panel clips and bearing plates (Items 2 & 2A) through rigid insulation and into light-gauge steel deck (Item No. 5) to be No. 14 truss head type with No. 3 Phillips drive, self-drilling steel screws. Two screws per clip to be used, inserted through 7/16 in diam guide holes. Length of screws based on overall insulation thickness (4 in. max) plus metal deck depth.
4. **Foamed Plastic – (Rigid Insulation)** – Min thickness 1 in., max thickness 4 in. Density to be a min of 2 pcf. As an alternate, 7/16 in. thick oriented strand board (OSB) may be placed on top of the rigid insulation provided combined thickness of OSB and rigid insulation does not exceed 4 in. max.
5. **Liner Panel** – Min thickness No. 22 MSG. Coated steel (33000 psi) min yield strength min depth 1-1/2 in. max pitch 6 in. fabricated to various profiles.
6. **Underlayment** – One ply of 30 lb roofing felt or one layer of bituminous resin type water proofing membrane.
7. **Supports** (Not Shown) – Used to support liner panels, spaced per deck manufacturer’s specifications.

\*Bearing the UL Classification Marking