

Design/System/Construction/Assembly Usage Disclaimer

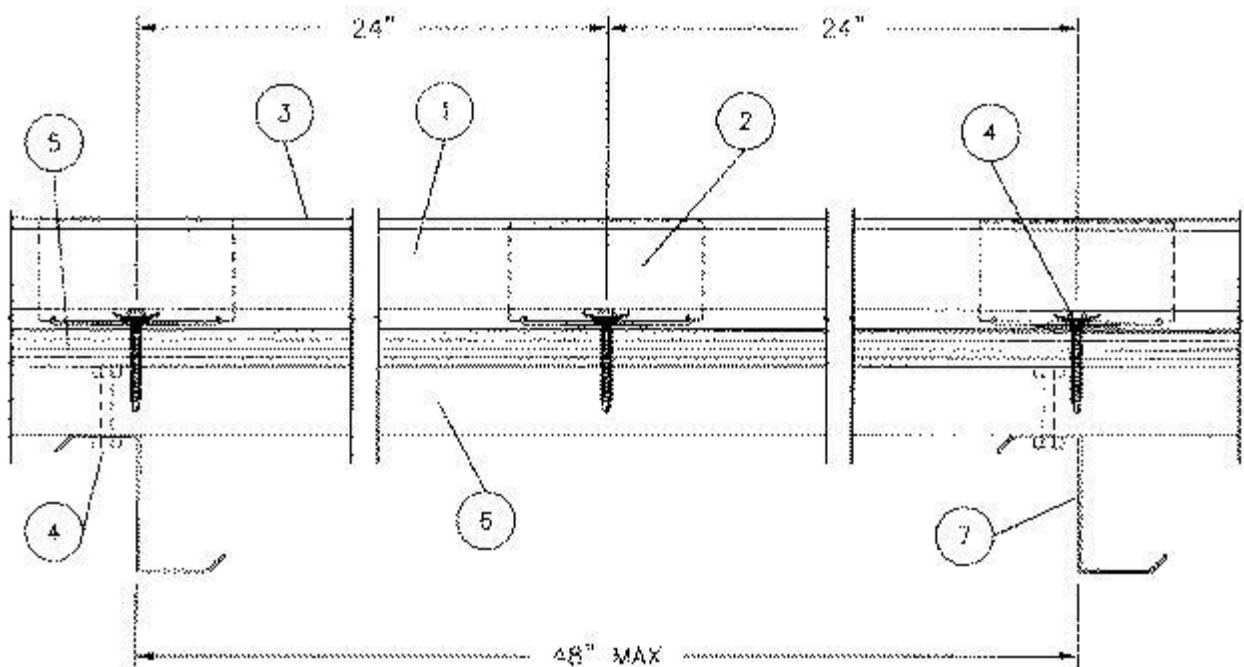
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

Roof Deck Constructions

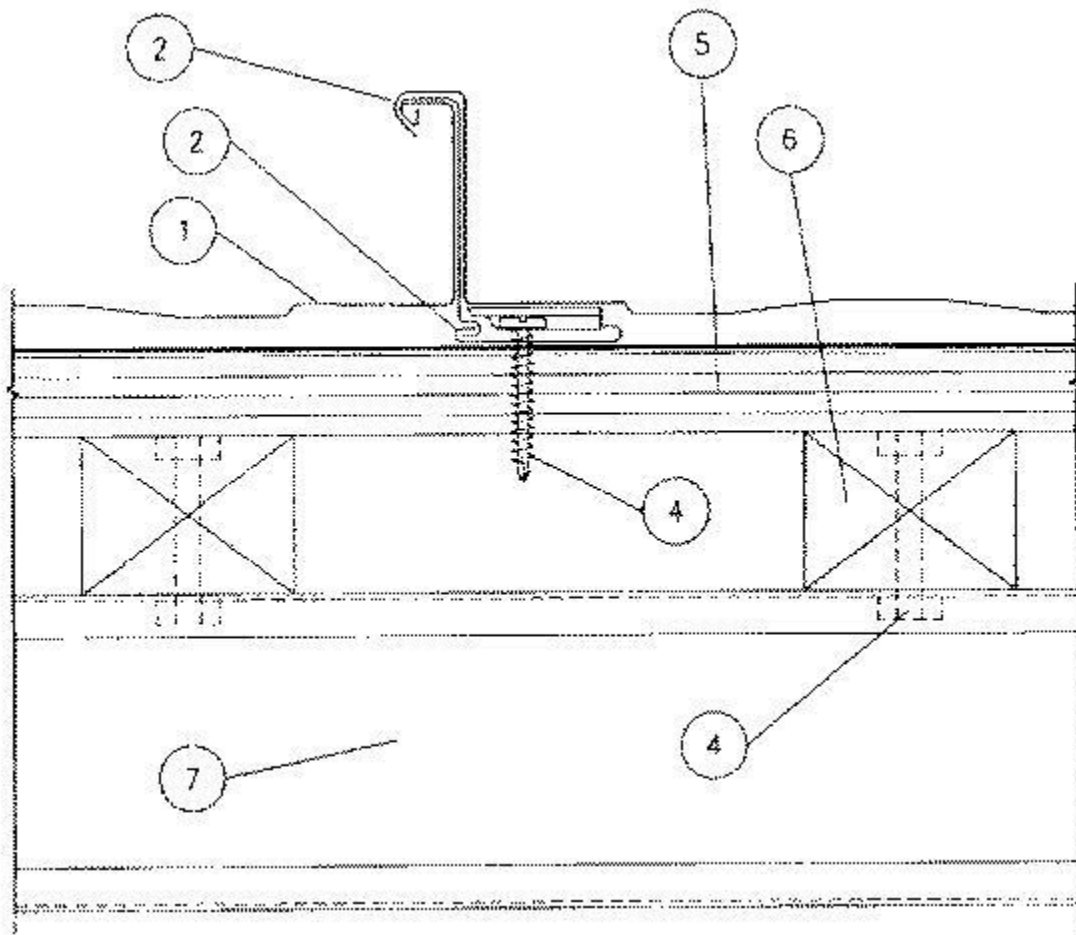
[See General Information for Roof Deck Constructions](#)

Construction No. 548

October 05, 2016

Uplift — Class 90**Fire Not Investigated**

Feedback



1. Metal Roof Deck Panels* — No. 24 MSG min thickness coated steel, 18 in. wide max, 2 in. high at side rib. Panels continuous over two or more spans without end laps. Side laps to be continuously crimped with a special motorized crimping tool. A line of sealant may be used at panel ribs.

FABRAL INC ([View Classification](#)) — "PowerSeam" or "PowerSeam II" (180° Seam)

2. Roof Deck Fasteners* — (Panel clips) Either of the following: Fixed- one piece assembly fabricated from No. 22 MSG min gauge steel, 3 in. wide. Floating Clip- two piece assembly with a base fabricated from No. 16 MSG min gauge steel, 1-5/8 in. wide, and a top fabricated from No. 22 MSG min gauge steel, 4-1/4 in. wide. Clip spacing 24 in. OC max.

2A. Roof Deck Fasteners (Panel Clips) — (Not Shown) — No. 22 MSG min gauge coated steel with a separately formed base fabricated of No. 18 MSG min gauge coated steel. One clip to be used per panel at each purlin.

FABRAL INC ([View Classification](#)) — "AMP-Loc High Fixed", "AMP-Loc Low Fixed", "AMP-Loc High Floating", "AMP-Loc Low Floating", "PowerSeam Low Floating", "PowerSeam High Floating".

3. Panel Cap Strip — (Optional) Used at each panel joint. When used to be included in the crimping operation.

4. Fasteners — (Screws) Fasteners, used to fasten the panel clips to the wood sub-deck to be No. 12-14 by 1 in. long pancake head, wood screws. Two screws per panel clip to be used. Fasteners used to attach the wood joist members to the purlins to be No. 20 by 6 in. long machine bolts located at each intersection. Plywood attached to joists with 8d nails spaced 6 in. OC.

5. Deck — Deck to be nom 1/2 in. (15/32 in.) thick Standard Sheathing, 32/16 plywood.

6. Wood Joists — Joists to be nom 2 by 4 in. (1-1/2 by 3-1/2 in. actual) wood members spaced a max of 18 in. OC.

7. **Structural Supports** — Cold-rolled sections, wood trusses or other members. Spaced 48 in. OC.

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

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2016-10-05

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

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