

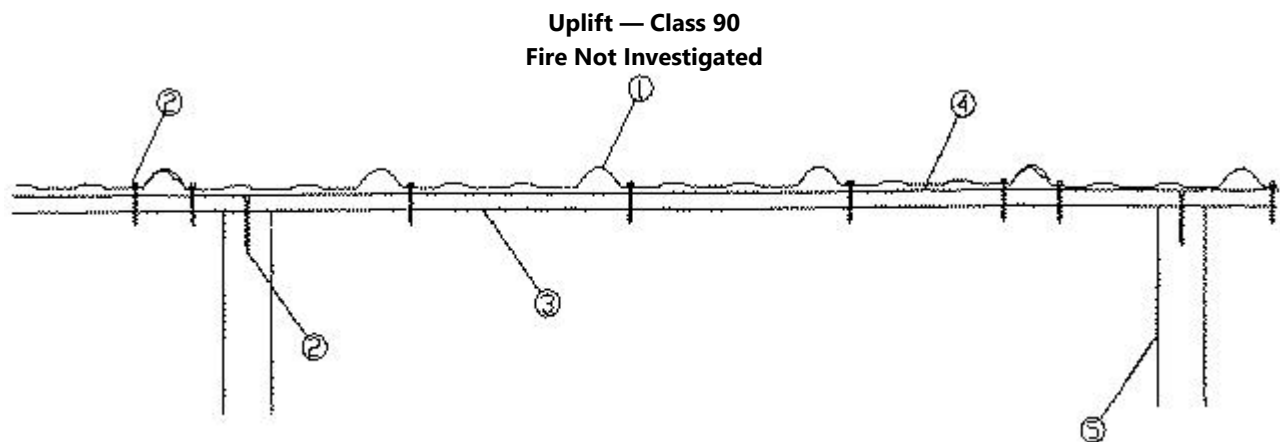
Design/System/Construction/Assembly Usage Disclaimer

- 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.

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

Construction No. **584**

September 19, 2022



1. **Metal Roof Deck Panels*** — No. 29 MSG min. thick coated steel. 36 in. wide (cover width).

ALL STEEL BUILDINGS & COMPONENTS TUBULAR DIVISION INC ([View Classification](#)) — "Master-Rib"

BENTON METAL DEPOT INC ([View Classification](#)) — "Rib Panel"

CAROLINA CARPORTS INC ([View Classification](#)) — ""Carolina Ridge""

Feedback

CENTRAL STATES MFG INC ([View Classification](#)) — "Panel-Loc Plus"

CHAMPION METAL SUPPLY LLC ([View Classification](#)) — "American Ag Panel"

DAKOTA STEEL & TRIM INC ([View Classification](#)) — "Strong Rib"

DAVIESS COUNTY METAL SALES INC ([View Classification](#)) — "D.C. Rib" or "Pioneer Rib"

DELTA METALS LLC ([View Classification](#)) — "Delta Max Rib"

ECONOMY METALS INC ([View Classification](#)) — "3/4" AG Panel"

FABRAL INC ([View Classification](#)) — "Grandrib 3"

FE SAWYER BUILDING SYSTEMS INC, DBA SAWYER METAL ([View Classification](#)) — "Tex-Rib"

GIDEON STEEL PANEL CO L L C ([View Classification](#)) — "Gideon Tuff-Rib AG"

GRABER POST BLDS INC ([View Classification](#)) — "G-Rib"

H&H METAL PRODUCTS INC ([View Classification](#)) — "Uni-Panel"

HIXWOOD METAL INC ([View Classification](#)) — "Super Rib 100" or "Super Rib 60"

IDEAL ROOFING CO LTD ([View Classification](#)) — "AMERI-CANA™"

KAUFFMAN METAL ([View Classification](#)) — "G-Rib"

LONG CREEK STEEL ([View Classification](#)) — "Tuff-Rib"

MARLYN METALS INC ([View Classification](#)) — "Mar-Rib"

METAL ROOFING SUPPLY & MFG ([View Classification](#)) — "Low Rib Panel"

METAL SALES MANUFACTURING CORPORATION ([View Classification](#)) — "Classic Rib"

METAL WHOLESALE L.L.C ([View Classification](#)) — "3/4" Rib Panel"

METALLION INDUSTRIES INC ([View Classification](#)) — "Magna Rib"

PARAMOUNT METALS INC ([View Classification](#)) — "Smart Rib Plus"

PLATINUM METALS LLC ([View Classification](#)) — "Ultra Pro Panel"

RAMCO BUILDER AND SUPPLY LLC ([View Classification](#)) — "Ram-Panel"

UNION CORRUGATING CO ([View Classification](#)) — "Master-Rib Panel"

WAGLER METAL SALES ([View Classification](#)) — "EZ Rib Panel"

WHEATLAND STEEL AND TRIM LLC ([View Classification](#)) — "Tru-D-Rib"

2. **Fasteners Screws** — Fasteners used to attach the plywood deck to the joists to be 2 in. long, No. 8 coarse thread screws. Fasteners to be spaced 6 in. OC at the plywood joists over supports and 12 in. OC in the field of the plywood. Fasteners used to attach the panels to the deck to be No. 9-15 x 1 in. long sharp point screws with a hex-washer head and sealing washer or No. 10-14 x 1-1/2 in. hex-washer head wood screw with bonded neoprene washer. Fasteners to be spaced a maximum of 12 in. OC along one side of each rib except at panel overlap locations where fasteners are to be spaced 12. in OC and located on both sides of the lap.
3. **Deck** — Min 15/32 in. thick, Type C-D, APA rated plywood or minimum 7/16 in. thick oriented strand board.
4. **Underlayment** — Min. Type 15 asphalt saturated felt, min. 2 in. sidelap, attached per manufacturer's recommendations.
5. **Joists** — Graded dimension lumber, No. 2 or better. Spaced a maximum of 24 in. OC.

*** 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 2022-09-19

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