

PART I – GENERAL**WORK SPECIFIED HEREIN**

All labor, materials, equipment and services necessary to furnish and install all metal roof deck as indicated or specified.

This Specification is based on the metal roof deck being provided by Canam Steel.

- Contractor shall purchase all metal roof deck under a National Account agreement with Canam Steel.
- General Contractor is to use standard purchase agreement as shown in Section 01010.

SUBSTITUTIONS

No substitutions. **This is a National Account.**

SUBMITTALS

- The contractor shall prepare all shop drawings, product literature, etc. as required to properly coordinate and construct the project, and as per the requirements of the Project Manual.
- Submit the following items for review by the Professional of Record in accordance with Section 01300, Submittals.
 1. Submit metal roof deck shop drawings. Furnish detailed drawings and lists showing the mark, number, type, and location of all metal roof deck. Show method of attachment to the supporting structure. Show all openings for hatches, mechanical equipment, etc. Show type of paint and all accessories and details as may be required for proper installation of metal roof deck.

PRODUCT DELIVERY, STORAGE AND HANDLING

Deliver, store and handle all metal roof deck in such a manner that it will not be damaged or deformed. Stack decking stored at the site before erection on platforms or pallets, and suitably protect from the weather.

PART II – PRODUCTS**MATERIALS**

- Steel for Painted Deck: Comply with SDI Specifications
- Accessories: Manufacturer's standard
- Shop paint: Manufacturer's standard

FABRICATION

- Metal roof deck shall be fabricated in accordance with SDI Specifications.
- Metal roof deck shall be of configuration, depth and minimum gage as shown on the drawings.

PART III – EXECUTION**INSTALLATION**

Install deck units and accessories in accordance with the SDI Specifications, manufacturer's recommendations, and final shop drawings, and as specified herein.

Placing:

- Do not start placement of deck units before all supporting members are installed. Place deck units on supporting steel framework and adjust to final position with ends bearing on supporting members and accurately aligned end to end before being permanently fastened. Lap ends not less than 2". Do not stretch or contract the side-lap interlocks.
- Metal roof deck shall be continuous over at least three spans.
- Coordinate and cooperate with structural steel erector in locating decking bundles to prevent overloading of structural members.
- Do not use deck units for storage or working platforms until permanently secured in position.
- Do not hang or support any loads from metal roof deck.

Fastening:

- Permanently fasten deck units to steel supporting members as shown on the drawings. Provide sidelap fasteners as shown on the drawings.

Cutting and Fitting:

- Cut and fit deck units and accessories around other work projecting through or adjacent to the decking. Provide neat, square, and trim cuts.

Reinforcement at Openings:

- Provide additional metal reinforcement and closure pieces as required for strength, continuity of decking and support of other work, unless otherwise shown.

Touch-Up Painting:

- After decking installation, wire brush, clean and paint scarred areas, welds and rust spots on the top and bottom surfaces of decking units and supporting steel members.
- In areas where touch-up painted surfaces are to be exposed, apply the paint to blend into the adjacent surfaces in a manner that will minimize visual discontinuity in the coatings.

END OF SECTION

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