

**SECTION 077213
MANUFACTURED EQUIPMENT SUPPORTS FOR CONVENTIONAL ROOFS**

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Manufactured Equipment Supports for conventional buildings.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Roof Products, Inc. (RPI) – Chattanooga, TN and Phoenix, AZ
 - 1. Tel: (800) 262-6669
 - 2. Fax: (423) 892-2107
 - 3. Email: sales@rpicurbs.com
 - 4. Web Site: <http://www.rpicurbs.com>

PART 3 CONSTRUCTION

- A. Frames:
 - 1. Material: ASTM A 653 G90 hot-dipped galvanized steel. Minimum 18 gauge or heavier gauge as engineered by manufacturer.
 - 2. Internal "C" channel bulkhead reinforcement 24" o.c. typical on supports over 3 feet in length.
 - 3. 18ga. Counterflashings.
 - 4. Wood Nailers: Factory installed, pressure treated.
- B. Equipment Support Height: Minimum 8 inches above finished roof or as specified.
- C. Construct Equipment Supports to match roof slope with plumb and level top surface for mounting equipment.
- D. Manufactured Equipment Support Styles with typical applications.
 - 1. RPES-1 (raised cant style) installs on top of metal decks.
 - 2. RPES-2 (canted style) installs on wood roofs.
 - 3. RPES-3 (non-canted style) installs either under or on top of metal decks.
 - 4. RPES-3UF (non-canted style) installs either under or on top of metal decks (designed for uplift forces).

PART 4 EXECUTION

4.1 INSTALLATION

- A. Install in accordance with Contract Document provisions and manufacturer's instructions.

4.2 COORDINATION

- A. Roof Products, Inc. (RPI) shall coordinate Manufactured Roof Curb sizes and options with the general and/or mechanical/roofing contractor prior to fabrication.

- B. Shop drawing approval is required before fabrication.

4.3 WARRANTY

- A. The manufactured roof curbs shall be guaranteed to be free from defects in materials or workmanship for a period on not less than (5) five years.

END OF SECTION