

# SECTION – 07720 PREFABRICATED CONVENTIONAL EQUIPMENT SUPPORTS

## I. GENERAL

- 1.1 The general conditions and supplemental general conditions of the contract apply to this section as if completely written herein.
- 1.2 The General Contractor shall provide all labor, material and equipment to completely install the Prefabricated Conventional Equipment Supports.

## II. PRODUCTS

- 2.1 The Prefabricated Conventional Equipment Supports shall be Model CPES- (specify #1, 2, or 3) as manufactured by: **CURBS PLUS, INC. / 8767 HWY 151 / Ringgold, GA 30736  
TOLL FREE 1 - 888 - (NEW-CURB) (639 - 2872)**

## III. CONSTRUCTION

- 3.1 The Prefabricated Conventional Equipment Supports shall be constructed using, minimum 18 gauge LFG, CQ, G-90 galvanized steel, or heavier gauge (as required). Fully mitered and welded corners. Integral base plates. 3” cant on CPES - (1 & 2) style supports. All welds prime painted after fabrication. Full depth internal C-channel reinforcing on 12” centers, and 6” spreader channels on alternating 12” centers. 18 Ga. counterflashing factory installed with tek-screws & neoprene washers. Factory installed 2” x 4” pressure treated wood nailer.
- 3.2 Minimum height of Equipment Supports shall be 8” above finished roof or (as specified).
- 3.3 **OPTIONS:**
  1. Sloped to match roof pitch and provide a level top.
  2. Additional Height.
  3. Heavier Gauges of Metal.
  4. Aluminum Construction.
  5. Ridge Mounted.
  6. Larger Nailers (2” x 6”, 2”x 8”, 2” x 10”, or 2” x 12”).
  7. Extended Base Plates.
  8. Pipe Roller Supports.
  9. Engineered Calculations.

## IV. INSTALLATION

- 4.1 The Prefabricated Conventional Equipment Supports must be installed in accordance with instructions and as detailed on drawings.
- 4.2 The Prefabricated Conventional Equipment Supports must span a minimum of two structural roof members.
- 4.3 No load shall be applied to a cantilever exceeding 1’-0” in length.

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(Continued)**

**V. COORDINATION**

- 5.1** The Prefabricated Conventional Equipment Support sizes and options shall be coordinated by Curbs Plus, Inc. and the General and/or Mechanical contractor prior to fabrication.
- 5.2** Shop drawing approval is required before fabrication.

**VI. GUARANTEE**

- 6.1** The Prefabricated Conventional Equipment Supports shall be guaranteed to be free from defects in materials or workmanship for a period of five years.

**END**