

SECTION – 07720 PREFABRICATED CONVENTIONAL EQUIPMENT SUPPORTS

1. 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.

2. PRODUCTS

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

3. CONSTRUCTION

3.1. The Prefabricated Conventional Equipment Supports shall be constructed using, minimum 18-gauge LFQ, 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 18" centers. Full length top seam. 18-gauge 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).

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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", 2"x 12")
7. Extended Base Plates
8. Pipe Rollers Supports
9. Engineered Calculations
10. Vibration Isolation (utilized with CPES-4)

4. 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 cantilever exceeding 1'-0" in length.

5. 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.

6. GUARANTEE

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