

SECTION 07720

ROOF ACCESSORIES

PART 1 GENERAL

1.01 DIVISION OF RESPONSIBILITIES TERMINOLOGY: **NOT USED**

1.02 SUMMARY:

- A. The Contractor shall provide roof accessories where shown on the drawings, as specified in this Section, and as needed for a complete and proper installation, using means and methods necessary to maintain the specified roofing manufacturer's warranty:

- 1 RTU (Rooftop Unit) and Exhaust Fan roof curbs.
- 2 **NOT USED**
- 3 Miscellaneous Sealant and Flashing Work.
- 4 Pipe Mounting Support Pedestals.
- 5 Roof Hatch
- 6 Roof Hatch Safety Railing System
- 7 Roof Walkway Pads
- 8 **NOT USED**

1.03 SUBMITTAL: No product submittal is required for the work of this Section IF provided per the construction documents. Any Request for Product Substitution must be submitted per Section 01340- Submittals.

1.04 QUALITY ASSURANCE: All supplementary roofing flashing and sealant work shall be provided per the roofing manufacturer's recommendations, so as to maintain the specified roofing warranty.

PART 2 PRODUCTS

2.01 MATERIALS:

A. ROOFTOP UNIT & OTHER MECHANICAL EQUIPMENT ROOFCURBS:

- 1 HVAC Rooftop Units: The Contractor shall provide the Rooftop Unit (RTU) roof curbs. Section 15500 describes roof curbs and security bars as part of the (new) RTU package.
- 2 Exhaust Fans: The Contractor shall provide Exhaust Fan roofcurbs as required.
- 3 The Contractor shall provide treated wood blocking and shims as required to provide a level top of roofcurb elevation to receive all rooftop mechanical equipment.
- 4 Refer to the mechanical drawings and Section 15500- HVAC Systems.

B. RTU RETROFIT ROOF CURB ADAPTERS: **NOT USED**

C. MISCELLANEOUS SEALANT & FLASHING WORK: The Roofing Subcontractor, or others under the supervision of the Roofing Subcontractor shall provide supplementary roofing flashing and sealant work upon completion of the Building Signage installation using means and methods necessary to maintain the specified roofing manufacturer's warranty.

D. PIPE MOUNTING SUPPORT PEDESTALS: Provide pre-manufactured pipe mounting pedestals for rooftop horizontal gas piping equal to Pillow Block Pipestands with accessory Pipe Straps, by Miro Industries Inc., Midvale UT (801-566-3680)

1. Acceptable Alternative Product/ Manufacturer: RPS-Pipe mounting pedestals, equipment rail and pipe strap accessories, by Roof Products & Systems Corporation, Bensenville IL (708-595-7320).
  2. Unacceptable Alternative Product: Wood blocking is NOT an acceptable pipe support system for horizontal gas piping.
  3. The Contractor shall coordinate quantity and locations with the Plumbing Subcontractor.
  4. The Contractor may either secure or NOT secure pipe mounting pedestals to the roof membrane, but in any event, it must be in accordance with the roofing manufacturer's recommendations, so as to maintain the roofing manufacturer's warranty.
  5. Submittal: No product submittal is required.
- E. ROOF HATCH: Provide a roof hatch equal to Type S-20 by Bilco Company, New Haven CT (203-934-6363, www.bilco.com).
1. Acceptable alternative manufacturer: Provide Model #G3844 by Acudor Products Inc., Cedar Grove NJ (201-857-1800).
  2. Acceptable alternative manufacturer (Safety Railing Ready): Provide Model LH-G by Dur-Red Products, Cudahy CA (323-771-9000).
  3. Acceptable alternative manufacturer (Safety Railing Ready): Provide Model RHG3036 by Marathon Roofing Products Inc., Buffalo NY (716-685-3340).
  4. Roof Hatch shall be 36" x 30", 14 gauge fiberglass-insulated box-type design; 22 gauge galvanized steel liner; hydraulic assist and self-latching outside turn handle; inside and outside padlock provisions; factory primed.
  5. Unpainted exterior. Interior to be field painted.
  6. Submittal: No product submittal is required.
- F. ROOF HATCH SAFETY RAILING SYSTEM: Provide a Roof Hatch Safety Railing System equal to Bil-Guard Hatch Rail System Model RL-S (for Roof Hatch size 30" x 36") by Bilco Company, New Haven CT (203-934-6363, www.bilco.com).
1. Acceptable alternative manufacturer: Model # RHR-SS (for Roof Hatch size 30" by 36" with hatchway ladder mounted on the 30" side of the hatch, opposite latch lid hinges), by Safety Rail Source, Harleysville PA (877-723-3766).
  2. Submittal: No product submittal is required.
  3. Provide alternative Roof Hatch Safety Railing System model, if required due to a roof hatch configuration that is NOT as described.
- G. ROOF WALKWAY PADS: Provide flexible, fully adhered homogeneous, non-laminated, skid-resistant pads, equal to Firestone #364Q, 30" x 30" x 0.3" rubber walkway pads with raised tread pattern, by Firestone Building Products Company (800-428-4442), or as recommended by the roofing manufacturer.
1. Pads shall be fully adhered with minimum 2" spacing, maximum 6" spacing between pads, for roof protection walkways adjacent to Roof Hatch; and adjacent to HVAC Rooftop Units.
  2. Submittal: No product submittal is required.
- H. TUBULAR SKYLIGHTS: **NOT USED**
- I. Provide all other Roof Accessories as may be required for the proper completion of the work.

PART 3 EXECUTION

- 3.01 SURFACE CONDITIONS: The Contractor shall examine the areas and conditions under which work of this Section will be provided, shall correct conditions detrimental to the timely and proper completion of the work, and shall NOT proceed until unsatisfactory conditions are needed
- 3.02 INSTALLATION: Install the work of this Section per the manufacturer's recommendations, anchoring all items firmly into position

END OF SECTION

