

**RELATED DOCUMENTS:**

The general provisions of the Contract, including General and Supplementary Conditions, and General Requirements, apply to the work specified in this section.

**PART 1 - GENERAL**

**DESCRIPTION OF WORK:**

Work of this Section shall be to provide following roof accessories, shown on Drawings and specified in this Section:

Roof Drains With Insulated Leader Piping  
Downspout Nozzle Roof Scupper Outlet

Coordinate this section with interfacing and adjoining work for proper sequence of installation.

**RELATED WORK SPECIFIED ELSEWHERE**

1. Tapered Roof Insulation: Section 07500
2. Flexible Sheet Roofing: Section 07530
3. Flashing and Sheet Metal: Section 07600

**INDUSTRY STANDARDS:**

For listing of names of industry standard agencies mentioned by abbreviation in this Section, refer to Section 01068.

**QUALITY ASSURANCE:**

Manufacturers:

Standard: For purpose of designating type and quality for work under this Section, Drawings and Specifications are based on products fabricated by Manufacturers listed below. Other listed Manufacturer's who can furnish similar products or systems of same materials specified, will also be acceptable.

Roof Drains: Zurn  
Roof Scupper Outlet

**SUBMITTALS:**

Manufacturer's Data: Submit for approval three (3) copies of folder containing complete Manufacturer's data and installation procedures for all products to be used in work of this Section.

Shop Drawings: Submit Shop Drawings in compliance with GENERAL CONDITIONS. These drawings shall be coordinated with adjacent work, and existing conditions.

**PRODUCT HANDLING:**

Working Areas: Provide suitable areas for storage of materials and equipment.

Delivery: Deliver products to site in original sealed containers or packages bearing Manufacturer's name and brand designation.

**PART 2 - PRODUCTS**

ROOF DRAINS: To be low dome, sediment type, with seepage pan and clamping flange, coated cast iron body with aluminum dome, sized as shown on drawings. Drains to be Zurn No. Z100-DE with Top-Set drain extension, or approved equal.

Roof drain leader piping shall be Schedule 40 PVC-DWV, as manufactured by Charlotte Pipe and Foundry or equivalent.

PIPE HANGERS AND SUPPORTS:

Support Schedule 40 PVC- DWV pipe with carbon steel adjustable clevis-type hangers, 5' o.c. with 3/8" threaded rod. Chain, strap, perforated bar, or wire hangers will not be permitted. Where required, provide suitable concrete inserts in masonry or concrete during laying or placing of those materials. Acceptable manufacturers are B-line, PHD, Gulf State Hangers, and Grinnell.

PIPE INSULATION:

Insulate leader piping, fittings, flanges, unions, etc. Insulation shall be a jacketed glass fiber pipe covering, 2" thick for pipes 4" & above with flame resistant vapor barrier jacket meeting ASTM E84 and UL 723.

Insulation shall be Knauf 850 or equal by Owens-Corning or Schuller. Provide pre-formed PVC jacket covers over insulated fittings such as elbows, tees, valves, etc.

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ROOF SCUPPER OUTLET: Roof Scupper Outlet shall be a nickel bronze finished, all cast bronze body and flange, lambs tongue style. Model 1770 Downspout Nozzle by Jay R. Smith MFG Co., or equivalent by ZURN.

**PART 3 - EXECUTION**

**INSPECTION:**

Examine all surfaces to which products are scheduled to be installed. If unsatisfactory conditions exist, report to General Contractor and do not proceed with work until conditions have been satisfactorily corrected.

Commencement of work by installer is acceptance of existing conditions.

**INSTALLATION:**

Install drains and insulated leader piping in accordance with manufacturer's published recommendations. Connections to roof drains shall be made by the General Contractor. General Contractor is responsible for all roof draining and connection to storm drain.

Install all piping with 1/4" per foot slope wherever possible but with minimum slopes as follows: 3" and less - 1/4" per foot; 4" and larger - 1/8" per foot.

All installations shall be performed by capable workmen under direction of foreman fully qualified by experience in each respective field of installation work.

*END OF SECTION*

