

## **DIVISION 7 - THERMAL AND MOISTURE PROTECTION**

### **Section 07700 - Roof Specialties and Accessories**

#### **Introduction**

Include all items which become an integral part of the roof moisture protection system in this Section.

In certain limited situations where items are more appropriately described in other sections (e.g. prefabricated mechanical equipment curbs), make specific cross references in both sections, and require the installation of those items to comply with the requirements of the appropriate Division 7 Section(s).

Describe all requirements for installation of roof accessories which are associated with the roofing system and its special warranties in the appropriate roofing section, to maintain single-point responsibility for the roof warranty.

Accessories which require structural support (e.g. antennae) must be supported from the building structure. Do not specify and expressly prohibit attachments through the roof membrane, and guy wires.

Items which must pass through the roof membrane (e.g. antennae cables) must pass through a conduit. Do not specify and expressly prohibit penetrations directly through the membrane, and cables snaked through other penetrations.

Detail and specify burglar bars (6" maximum spacing each way) in all situations where roof deck openings would otherwise allow entry to the building.

#### **Part 1 - General**

- Require submittal of manufacturer's literature, and installation details.

#### **Part 2 - Products**

- Specify only metal accessories. Specifically prohibit use of PVC and other plastics.
- Wherever possible, specify accessories which have integral curbs sufficiently tall to permit secure installation of flashing and counterflashing.
- Where roof accessories are not ordinarily curbed, specify and detail custom fabricated curbs.
- Avoid as much as possible accessory units which rely on flat flanges to permit secure application of roof membrane.

#### **Part 3 - Execution**

- There are no unique University requirements in this Section.

#### **End of Section 07700**