

## SECTION 07 01 50.81 - ROOF REPLACEMENT

### PART I - GENERAL

#### 1.1

### PART 2 - PRODUCTS

#### 2.1 ACCEPTABLE MATERIALS

##### A. Roof Drains

1. Strainers: Only cast iron or aluminum drain strainers are acceptable. Plastic drain strainers are unacceptable.
2. Drain Inserts: Drain inserts cannot restrict flow of water into drain pipe. Proliner by Marathon roofing products is an example of an acceptable drain insert.

#### 2.2 WARRANTY

- A. Provide a 2 year Contractor Installation Warranty.

### PART 3 - EXECUTION

#### 3.1 REMOVE EXISTING CONSTRUCTION

- A. Roof Drains: Test all roof drains prior to any tear-off. Report any slow or plugged drains. After tear-off has begun, all drains are the responsibility of the Contractor. At completion of job, Contractor shall test drains with University representative present to ensure that all drains are running freely.
- B. Lightning Protection: Lightning protection shall be removed and reinstalled by a Lightning Protection Specialist with proven experience. Completed system shall meet newest UL standards.

#### 3.2 INSTALLATION

- A. Daily Tear-off: Remove only the portion of the roofing that can be replaced on the same day. The exception to this is if a new 2-ply, asphalt vapor barrier is being installed, then installation of the new roof does not have to start until tear off is complete. Contractor shall be responsible for, and shall repair at no additional cost to the Owner, all water damage to the building or its contents that occurs due to re-roofing operations.
- B. Tear-off Removal: Tear-off shall be through enclosed chute or lowered by crane. No free fall of material is allowed. If chute is used, then a tarp shall be installed behind the chute to protect the building.

END OF SECTION 07 01 50.81

This section of the *U of I Facilities Standards* establishes minimum requirements only. It should not be used as a complete specification.