SECTION 07 30 00 - SHINGLES

PART I - GENERAL

1.1 WARRANTY
   A. Provide a 2 year Contractor Installation Warranty.

PART 2 - PRODUCTS

2.1 SHINGLES
   A. Minimum Standards: 25 year minimum warranty or 235 pounds per square.
   B. Fire Rating: Class A fire rating.
   C. Wood Shingles: Shall be A rated.

2.2 ROOFING MATERIALS
   A. Underlayment: Number 30 unperforated felts minimum asphalt-saturated felt.
   B. Nails: Standard barbed or dieformed shank shingle nail of hot-dipped zinc-coated steel. Minimum 3/8-inch diameter round head and 10 to 12 gage shank, length sufficient to penetrate 3/4-inch minimum depth into the wood deck. Staples are not acceptable.
   C. Eave and Valley Protection: Ice dam protection in the form of self adhering sheets of rubberized asphalt bonded to polyethylene or modified asphalt reinforced with fiberglass: minimum 40 mil total thickness is required on all sloped roofs. It shall be provided at all eaves and valleys. Install ice dam protection along low eave, extending up slope to a point a minimum of 24 inches from the inside of the exterior wall line of the building. It is also required around openings for skylights.

2.3 ROOF SAFETY ANCHORS
   A. Requirement: Roof safety anchors shall be installed on every new or re-roofing Project. Locations of anchors shall be in accordance with OSHA standards.
   B. Type: Drop-forged Type 316 stainless steel threaded eyebolts with shoulder, number 10 by 3/4-inch diameter. 1-1/2 inch eye inner diameter; 6-inch shank length. Provide with 3-inch diameter oversized plate washer and nuts.

PART 3 - EXECUTION

3.1

END OF SECTION 07 30 00

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