

OKLAHOMA STATE UNIVERSITY - BUILDING DESIGN STANDARDS

COORDINATE REQUIREMENTS OF THIS SECTION WITH OTHER SECTIONS WHERE RIGID INSULATION AND METAL DECK ARE BELOW ROOFING TILE.

PART 1 GENERAL**1.01 SUBMITTALS:**

- A. **Product Data:** Submit specifications and installation instructions from the manufacturer for roofing system required. Include data substantiating compliance with the requirements.
- B. **Samples for New Construction and Major Additions:** Submit two sets of samples not less than four units each, of roofing tile showing color and maximum color range. Supply material within approved color range.
- C. **Samples for Repair of Existing Roofs and Nearby Adjacent Additions:** Submit samples of each custom color and size of roofing tile. Include samples showing range of color to be expected for each color required.

1.02 QUALITY ASSURANCE:

- A. **Manufacturer Qualifications:** Furnish products manufactured by a firm having not less than five years successful experience in the production of the type of roofing tiles required.
- B. **Installer Qualifications:**
 - 1. **Installer:** Company specializing in tile roofs with five years continuous experience.
 - 2. Pre-Bid approval shall be obtained from the Owner prior to bidding tile roof installation.
 - 3. Submit a minimum of five similar jobs successfully completed within the last four years.
- C. Conform to details and installation requirements of NRCA Roofing and Waterproofing Manual, Steep Roofing, Tile Roofing sections except as otherwise indicated.
- D. All installation procedures must be approved by the Owner prior to commencing work.
- E. **Mock-Ups:**
 - 1. Prior to ordering tile, install a 4 foot by 8 foot mock-up at ground level at location directed by Architect for verification, showing full range of color, color distribution

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and trim pieces. Modify blends and colors as required. Order tile based on approved mock-up.

2. Install 16 foot by 16 foot mock-up in-place on roof structure, showing full range of color, color distribution and trim pieces. Obtain Architect's acceptance before proceeding with remainder of roof installation and revise mock-up until accepted. All or part of mock-up which is acceptable may be retained as part of permanent installation.

1.03 PROJECT/SITE CONDITIONS:

- A. Proceed with roofing work only after substrate construction and penetration work have been completed.
- B. Proceed with roofing work only when weather conditions are in compliance with manufacturer's recommended limitations, and when conditions will permit the work to proceed in accordance with requirements and the manufacturer's recommendations.

ANY PROPOSED SUBSTITUTION MUST BE TESTED FOR STRENGTH COMPARABLE WITH LUDOWICI FOR CONSIDERATION

PART 2 PRODUCTS**2.01 MANUFACTURER:**

- A. Ludowici Roof Tile.
- B. An approved equal.

END OF SECTION 07350