**SECTION 07 01 00**

**PREPARATION FOR RE‑ROOFING**

**PART 1 GENERAL**

1. RELATED DOCUMENTS
   1. The provisions of the General Conditions, Supplementary Conditions, and the Sections included under Division 1, General Requirements, are included as a part of this Section.
2. SECTION INCLUDES
   1. Removal of the existing roofing system in preparation for a new roof membrane system
   2. Installation of the new roofing membrane system over existing roofing system
3. REFERENCES
   1. ASTM C208 Standard Specification for Cellulosic Fiber Insulating Board
   2. FBC - Florida Building Code
4. SYSTEM DESCRIPTION
   1. Roof Areas as Indicated: Remove existing roofing gravel, perimeter flashings, base flashings, counter flashings, vent stack flashings, roofing membrane, insulation and vapor retardant.
   2. Remove roof mounted mechanical equipment and electrical equipment.
5. QUALIFICATIONS
   1. Materials Removal Firm: Company specializing in performing the work of this section with minimum 3-years documented experience.
6. ENVIRONMENTAL REQUIREMENTS
   1. Do not remove existing roofing membrane when weather conditions threaten the integrity of the building contents or intended continued occupancy.
   2. Maintain continuous temporary protection during and prior to installation of new roofing system.
7. SCHEDULING
   1. Schedule work under the provisions of Section 01 33 00.
   2. Schedule the work to coincide with the commencement of the installation of new roofing system.
   3. Remove only existing roofing materials that can be replaced with new materials the same day.
8. COORDINATION
   1. Coordinate work under provisions of Section 01 31 00.
   2. Coordinate work with other affected mechanical and electrical work associated with roof penetrations.

**PART 2 PRODUCTS**

1. MATERIALS
   1. Temporary Protection: Sheet fiber reinforced plastic; provide weights as necessary to retain sheeting in position.
   2. Protection Board: ASTM C208, Roof Insulating Board type, cellulose fiberboard

**PART 3 EXECUTION**

1. EXAMINATION
   1. Verify existing site conditions under provisions of Section 01 31 00.
   2. Verify that existing roof surface is clear and ready for work of this section.
2. PREPARATION
   1. Sweep roof surface clean of loose matter, remove loose debris, and dispose off site.
3. MATERIALS REMOVAL
   1. Remove metal counter flashings, and fold up metal counter flashings to permit access to top edge of base flashings.
   2. Scrape roofing gravel from membrane surface without causing serious damage to membrane felts.
   3. Remove all roofing membrane, perimeter base flashings, flashings around roof protrusions, pitch pans, and pockets.
   4. Remove insulation and fasteners, cant strips and blocking.
   5. Remove vapor retarder, sheathing paper and underlay.
   6. Repair any existing deck surface to provide smooth working surface for new roof system.
   7. Asbestos Removal
      1. The Owner provides an abatement survey
      2. The Owner or his contractor will remove any asbestos containment material (ACM) friable or potentially ACM friable hazardous materials.
      3. The contractor is responsible for removal and proper disposal of non-friable ACM roofing.
      4. OSHA considers the employer to be in compliance with 1926.1101(o)(4)(competent person training) when the person supervising the roofing job limited to the removal of intact material completes a comprehensive course for the roofing trade has been conducted by an EPA or state-approved trainer, certified by the EPA or a state.
      5. Competent persons supervising roofing jobs involving non-intact material, OSHA requires that the competent person to receive training in a comprehensive course for supervisors that meets the criteria of EPA’s Model Accreditation Plan (40 CFR part 763) or a course equivalent in stringency, content, and length.
4. TEMPORARY PROTECTION
   1. Protect finished work under provisions of Section 01 50 00.
   2. Provide temporary protective sheeting over uncovered deck surfaces.
   3. Turn sheeting up and over parapets and curbing.
      1. Retain sheeting in position with weights and temporary fasteners.
   4. Provide for surface drainage from sheeting to existing drainage facilities.
   5. Do not permit traffic over unprotected or repaired deck surface.
5. FIELD QUALITY CONTROL
   1. Perform all field inspection and testing under provisions of Section 01 40 00.
   2. Test Reports: Indicate existing insulation moisture content and existing bitumen quality.

END OF SECTION