

**SECTION 07 01 00
PREPARATION FOR RE-ROOFING**

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. 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.

1.2 SECTION INCLUDES

- A. Removal of the existing roofing system in preparation for a new roof membrane system
- B. Installation of the new roofing membrane system over existing roofing system

1.3 REFERENCES

- A. ASTM C208 Standard Specification for Cellulosic Fiber Insulating Board
- B. FBC - Florida Building Code

1.4 SYSTEM DESCRIPTION

- A. Roof Areas as Indicated: Remove existing roofing gravel, perimeter flashings, base flashings, counter flashings, vent stack flashings, roofing membrane, insulation and vapor retardant.
- B. Remove roof mounted mechanical equipment and electrical equipment.

1.5 QUALIFICATIONS

- A. Materials Removal Firm: Company specializing in performing the work of this section with minimum 3-years documented experience.

1.6 ENVIRONMENTAL REQUIREMENTS

- A. Do not remove existing roofing membrane when weather conditions threaten the integrity of the building contents or intended continued occupancy.
- B. Maintain continuous temporary protection during and prior to installation of new roofing system.

1.7 SCHEDULING

- A. Schedule work under the provisions of Section 01 33 00.
- B. Schedule the work to coincide with the commencement of the installation of new roofing system.
- C. Remove only existing roofing materials that can be replaced with new materials the same day.

1.8 COORDINATION

- A. Coordinate work under provisions of Section 01 31 00.
- B. Coordinate work with other affected mechanical and electrical work associated with roof penetrations.

PART 2 PRODUCTS

2.1 MATERIALS

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

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify existing site conditions under provisions of Section 01 31 00.
- B. Verify that existing roof surface is clear and ready for work of this section.

The School District of Palm Beach County

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SDPBC Project No.

3.2 PREPARATION

- A. Sweep roof surface clean of loose matter, remove loose debris, and dispose off site.

3.3 MATERIALS REMOVAL

- A. Remove metal counter flashings, and fold up metal counter flashings to permit access to top edge of base flashings.
- B. Scrape roofing gravel from membrane surface without causing serious damage to membrane felts.
- C. Remove all roofing membrane, perimeter base flashings, flashings around roof protrusions, pitch pans, and pockets.
- D. Remove insulation and fasteners, cant strips and blocking.
- E. Remove vapor retarder, sheathing paper and underlay.
- F. Repair any existing deck surface to provide smooth working surface for new roof system.
- G. 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.

3.4 TEMPORARY PROTECTION

- A. Protect finished work under provisions of Section 01 50 00.
- B. Provide temporary protective sheeting over uncovered deck surfaces.
- C. Turn sheeting up and over parapets and curbing.
 - 1. Retain sheeting in position with weights and temporary fasteners.
- D. Provide for surface drainage from sheeting to existing drainage facilities.
- E. Do not permit traffic over unprotected or repaired deck surface.

3.5 FIELD QUALITY CONTROL

- A. Perform all field inspection and testing under provisions of Section 01 40 00.
- B. Test Reports: Indicate existing insulation moisture content and existing bitumen quality.

END OF SECTION