

SECTION 07565
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.
- C. When required, up-grade roofing subsystem to current code requirements.

1.3 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.
- C. Re-Roof to be installed in accordance with the appropriate Specification Section or manufacturer's instruction, whichever is more stringent, coordinate and/or provide all new equipment roof curbs to replace those removed.

1.4 QUALIFICATIONS

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

1.5 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.

1.6 SCHEDULING

- A. Schedule work under the provisions of Section 01300.
- B. Schedule work to coincide with commencement of installation of new roofing system.
- C. Remove only existing roofing materials that can be replaced with new materials the same day.

1.7 COORDINATION

- A. Coordinate work with other trades and/or building occupants.
- 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 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 prior to start of work.
- B. Verify that existing roof surface is clear and ready for work of this section.

3.2 PREPARATION

- A. Install/provide all safety and fall protection.
- B. Sweep roof surface clean of loose matter. Remove loose refuse and dispose off site – comply with all local, State and Federal laws and regulations.

3.3 MATERIALS REMOVAL

- A. Remove metal counter flashings. 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 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. Dispose of all debris in accordance with all local, State and Federal laws and regulations.
- H. Perform inspection of areas adjacent to the demolition and remove any and all remaining debris.

3.4 TEMPORARY PROTECTION

- A. Protect finished work.
- B. Provide temporary protective sheeting over uncovered deck surfaces.
- C. Turn sheeting up and over parapets and curbing. 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 01400.
- B. Test Reports: Indicate existing insulation moisture content and existing bitumen quality.
- C. Install new roof system in accordance with the appropriate Specification Section or manufacturer's instruction, whichever is more stringent.

END OF SECTION