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