

SECTION 075113**ROOF WORK****PART 1 - GENERAL****1.1 GENERAL REQUIREMENTS**

- A. Work of this Section, as shown or specified, shall be in accordance with the requirements of the Contract Documents.

1.2 SECTION INCLUDES

- A. The Work of this Section includes all labor, materials, equipment and services necessary to complete roof work, including but not limited to the following:
 - 1. Cutting and patching existing roofing systems to accommodate new penetrations.

1.3 RELATED WORK

- A. Roof hatch – Section 055000.
- B. Mechanical penetrations - Division 22 and 23.

1.4 QUALITY ASSURANCE

- A. Do all work so that existing in force warranty (if any) shall remain in effect; coordinate work with City of New York and roof membrane manufacturers.

1.5 PROJECT CONDITIONS

- A. Protect existing finishes. Do not hoist materials against building faces without adequate approved protection from grade to parapet. Protect paving from damage due to roofing and flashing work. Completely remove bituminous materials from surfaces other than built-up roofing and bituminous flashings.
- B. Do not use incompatible materials or materials that are not compatible with existing materials.
- C. Avoid unnecessary traffic over roof areas. Use roof areas to perform Work only where unavoidable. When roof areas must be used, protect roof and flashing from damage; use temporary plywood sheets where traffic is mandatory; lay continuously at every traffic pattern and Work area.
- D. Should field conditions differ significantly from those shown on drawings, notify Commissioner in writing and do not proceed without instructions from the Commissioner.

PART 2 - PRODUCTS**2.1 MATERIALS**

- A. Roof Materials: New materials to match and be compatible with existing materials.
- B. Non-Metallic Flashing: Compatible with existing roof membrane.

PART 3 - EXECUTION**3.1 INSPECTION**

- A. Examine the areas and conditions where roof work is to be installed and notify the Commissioner of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions are corrected to permit proper installation of the work.

3.2 ROOF INSTALLATION

- A. Repair roofing and associated flashings on the roofing where new cutting and patching is required.
- B. Where existing roofing, insulation, or flashings, are damaged during the Work, satisfactorily repair, flash, and otherwise make watertight at least equal to condition when Work began. If damage cannot be satisfactorily repaired, remove damaged portion and provide new materials as appropriate. Do such Work and repairs at no additional cost. Materials, methods, and completed Work are subject to approval of the City of New York and Commissioner.
- C. Protect edges, incomplete flashings, and cut existing roofing against water entry at all times.
- D. Use materials, systems, and methods that exactly match existing and keep existing warranty (if any) in effect. Materials used shall be compatible with each other and with existing materials.
- E. Make all repairs watertight.
- F. Do not remove materials to the extent that the building is subject to water intrusion without providing approved protection. Do not remove more area of existing surfaces that can be repaired in the same working day.

END OF SECTION