

SECTION 02070
DEMOLITION

PART 1 - GENERAL

1.1. DESCRIPTION

- A. This section specifies the General Conditions for Demolition.

1.2. SUMMARY

- A. This Section requires the selective removal and subsequent off site disposal of the following:
1. On all roof areas, existing roofing is to be removed down to the deck. Completely remove metal edge, copings, gravel stops, flashings, etc. on all roof areas. Install protection on the side of the building where the roof is being removed to preserve the building surfaces. All material is to be removed from the site and disposed of in a legal manner. Any debris on the ground shall be picked up and placed in containers each day. Remove only enough roofing that can be reinstalled the same day.
 2. The roofing contractor is required to keep the building manager informed about the area where work is to be performed. When working over the office area, 72 hour notice is to be given so that the furniture, personnel and equipment can be protected.
 3. All electrical disconnects will be done by the Owner. Again, 72 hour notice is required so that facilities can get a mechanic on site.
- B. Hazardous Materials: Removal of hazardous materials such as asbestos, may be included in the scope of this contract. If included, please see Asbestos Abatement Specification for further details.

1.3. SUBMITTALS

- A. General: Submit the following in accordance with General Conditions and Technical Specification Sections.
1. Photograph or video tape of existing conditions of structure surfaces, equipment, and adjacent improvements that might be misconstrued as damage related to removal operations. File with Owner prior to start of work. If photographs are used provide a written narrative describing conditions in photographs. If video taped provide a verbal narrative of the conditions being video taped.

1.4. JOB CONDITIONS

- A. Occupancy: Owner will occupy portions of the building under and next to areas of demolition. Conduct demolition work in manner that will minimize need for disruption of Owner's normal operations. Provide minimum of 48 hours advance notice to Owner of demolition activities that will affect Owner's normal operations.
- B. Condition of Structures: Owner assumes no responsibility for actual condition of structures to be demolished.

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- C. Partial Demolition and Removal: Items indicated to be removed but of salvageable value to Contractor may be removed from structure as work progresses. Transport salvaged items from site as they are removed.
 - 1. Storage or sale of removed items on site will not be permitted.
 - 2. The Owner reserves the right to claim any and /or all demolished materials, equipment, etc. The Contractor shall coordinate with the Owner and arrange to turn over any materials, and equipment by the Owner.
- D. Protection: Provide temporary barricades and other forms of protection to protect Owner's personnel and general public from injury due to selective demolition work.
 - 1. Provide protective measures as required to provide free and safe passage of Owner's Personnel and general public to occupied portions of building.
 - 2. Protect from damage existing finish work that is to remain in place and becomes exposed during demolition operations.
 - 3. Provide temporary weather protection during interval between demolition and removal of existing construction on exterior surfaces and installation of new construction to ensure that no water leakage or damage occurs to structure or interior areas of existing building.
 - 4. Remove protection at completion of work.
 - 5. Damages : Promptly repair damages caused to adjacent facilities by demolition work.
 - 6. Environmental Controls: Use water sprinkling, temporary enclosures, and other methods to limit dust and dirt migration. Comply with governing regulations pertaining to environmental protection.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

3.1. DEMOLITION

- A. General : Perform demolition work in a systematic manner. Use such methods as required to complete work indicated on Drawings in accordance with demolition schedule and governing regulations.
 - 1. Promptly remove debris to avoid imposing excessive loads on supporting walls, roof decks, or framing.
 - 2. Remove no more existing roofing than can be covered in one day by new roofing.
- B. If unanticipated mechanical, electrical or structural elements that conflict with intended function or design are encountered, investigate and measure both nature and extent of the conflict. Submit report to Owner in written accurate detail. Pending receipt of directive from Owner rearrange selective demolition schedule as necessary to continue overall job progress without undue delay.

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3.2. DISPOSAL OF DEMOLISHED MATERIALS

- A. Remove from building site debris, rubbish, and other materials resulting from demolition operations. Transport and legally dispose off site. Use chutes to remove debris, rubbish, and other materials from roof. Furnish dumpsters or other suitable containers for the materials being demolished. Do not allow demolished materials to accumulate on-site.

3.3. CLEANUP AND REPAIR

- A. General: Upon completion of demolition work, remove tools, equipment, protection and demolished materials from site.
 - 1. Repair demolition performed in excess of that required. Return elements of construction and surfaces to remain to condition existing prior to start of operations. Repair adjacent construction or surfaces soiled or damaged by selective demolition work.

END OF SECTION