

**SECTION 02070  
SELECTIVE DEMOLITION**

**PART 1 - GENERAL**

**1.1 SUMMARY:**

**A. Section Includes:**

**1. Types of Selective Demolition Work:**

- a. Portions of building structure as required to accommodate new construction.
- b. Removal of interior partitions.
- c. Removal of doors and frames.
- d. Removal of built-in casework.
- e. Removal and protection of existing material to be reused. Fixtures and equipment items indicated as "salvage" or for "reuse".

2. Demolition requires the selective removal and subsequent off-site disposal of removed material, except salvaged items or items to be relocated. The disposal of all debris must be off the UCCS campus. Any construction debris placed in University dumpsters will be removed at the Contractor's expense.

**B. Related Sections:**

1. Section 01121 - Hazardous Material Procedures.
2. Section 02060 - Building Demolition.
3. Section 02080 - Asbestos Removal.

**1.2 SUBMITTALS:**

**A. Schedule:**

1. Submit schedule indicating proposed methods and sequence of operations for selective demolition work.
2. **Include selective demolition work in the construction waste management plan.  
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**1.3 JOB CONDITIONS:**

**A. Occupancy:**

1. University personnel will be continuously occupying areas of the building immediately adjacent to areas of selective demolition. Verify with UCCS project manager whether building will be occupied or vacated during expected work activities.
2. Conduct selective demolition work in manner that will minimize the need for disruption of normal operations if building remains occupied.

1. Provide minimum of 72 hours advance notice of demolition activities and utility outages.

**NOTE: OUTAGES OF SERVICES REQUIRE THAT A 10 DAY NOTICE BE GIVEN TO UCCS PROJECT MANAGER TO COORDINATE WITH USERS.**

**B. Condition of Structures:**

1. The University assumes no responsibility for actual condition of items or structures to be demolished.
2. Conditions existing at time of commencement of contract will be maintained insofar as practical. A copy of the environmental site assessment will be available for inspections at the UCCS project manager's office.

**C. Protection of Persons and Property:**

1. Provide temporary barricades, traffic control, and other forms of protection as required. Contractor to comply fully with OSHA requirements.

**D. Traffic:**

1. Conduct selective demolition operations and debris removal in a manner to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities. Clean-up is required daily as work progresses.

**E. Explosives:**

1. Use of explosives will not be permitted.

**F. Utility Services:**

1. Maintain existing utilities indicated to remain, keep in service, and protect against damage during demolition operations.
2. Coordinate utility outages with Department of Facilities Management, affected utility companies, and affected users.

**G. Environmental Controls:**

1. Use water sprinkling, temporary enclosures, and other suitable methods to limit dust and dirt rising and scattering in air to lowest practical level. Comply with the Department of Environmental Health and Safety requirements pertaining to environmental protection. Comply with Colorado Department of Health requirements regarding debris control.
2. Keep dust and dirt from migrating to occupied building areas.

## PART 2 - PRODUCTS

### 2.1 SALVAGE:

A. The Owner reserves first salvage rights including:

1. Items of historic or archaeological significance or value.
2. Construction material and products.
3. Mechanical, electrical equipment and components.

WHERE PRACTICAL, ARCHITECT TO RE-USE MATERIALS SALVAGED.

B. The Contractor shall notify the Owner for review of material to be stored or selected for salvage.

C. Coordinate with the Department of Facilities Management.

Items indicated to be removed but of salvageable value to Contractor may be removed in a timely manner from structure as work progresses, if such items are not claimed by the Owner.

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Documentation must be completed before items are removed from the project site in order to complete the waste reduction progress reports.

D. Transport salvaged items from site as they are removed.

E. Storage or sale of removed items on site will not be permitted.

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If items are salvageable, but are of no value to the owner or contractor, items must be donated. Waste reduction progress reports must be completed. See section 02060, under Submittals, for report requirements.

### 2.2 RECYCLE:

A. All selective demolition debris that is recyclable must be recycled.

B. Waste reduction progress reports must be completed for all recycled material.  
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## PART 3 - EXECUTION

### 3.1 PREPARATION:

- A. Provide interior and exterior shoring, bracing, or support, as required.
- B. Cover and protect furniture, equipment and fixtures, if not removed by Owner.
- C. Erect and maintain dust-proof and weatherproof partitions and closures as required.
- D. Locate, identify, stub-off and disconnect utility services that are indicated to be removed.
- E. Request inspection by Department of Facilities Management and applicable utility companies:
  - 1. When utilities are uncovered.
  - 2. Prior to covering-up or concealing utilities.

### 3.2 DEMOLITION:

- A. Perform selective demolition work in a systematic manner.
  - 1. Demolish concrete and masonry in small, manageable sections. Do not overload structure with debris. Cut concrete and masonry using power-driven masonry saw or hand tools; do not use powder-driven impact tools in buildings.
  - 2. Locate demolition equipment throughout structure to avoid imposing excessive loads on supporting walls, floors or framing.
  - 3. Construct chutes as required to conduct debris safely to grade disposal areas. Comply with Environmental Health and Safety and Colorado Department of Health dust control and safety requirements.
  - 4. Do not cut or alter any structural member without authorization of the Architect.

### 3.3 REUSED MATERIALS:

- A. Items for Owner Salvage:
- B. Items for Reuse or Reinstallation:

LIST ITEMS FOR BOTH OWNER SALVAGE AND REUSE.

### 3.4 DISPOSAL OF DEMOLISHED MATERIALS:

- A. Remove debris, rubbish and other materials resulting from demolition operations from building site and off the campus.
- B. Under no circumstances should the University's dumpsters be used for disposal of demolished materials.

C. Transport and dispose of **non-recyclable or non-salvageable** materials off site in legal manner.

D. Burning of removed materials is not permitted on project site.

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Recyclable materials shall be taken to local recycling facility. Waste reduction progress reports shall be completed for all recycled material.

**END OF SECTION 02070**