

**SECTION 02070 – SELECTIVE DEMOLITION (RENOVATION AND NEW CONSTRUCTION)**  
**CONSTRUCTION STANDARD**

---

**PART 1: GENERAL**

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of the University of Texas at Austin for products and methods for the demolition of structures and parts of structures; includes the removal and capping of existing utilities.
- B. UT recognizes that project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications for UT projects.

1.02 Related Standards

- A. Section 01999 - Asbestos Abatement
- B. Section 0101420 - Life Safety References
- B. Section 01031 - Waste Management/Recycling Alternates.
- C. Section 01400 - Quality Control.
- D. Section 01505 - Construction Waste Management.
- E. Section 02150 – Hazardous Waste Removal
- F. Section 02060- Storm Water Management
- G. Section 01800 – Lead Based Paint Removal
- H. Section 01810 – Lead Abatement for Target Housing and Child Occupied Facilities
- I. Section 11500 – Laboratory Renovation

1.03 Reference Standards

- A. OSHA.

**SECTION 02070 – SELECTIVE DEMOLITION (RENOVATION AND NEW CONSTRUCTION)**  
**CONSTRUCTION STANDARD**

---

1.04 Quality Control

- A. Record existing conditions. Prior to start of demo work contractor shall coordinate documentation of existing conditions with construction inspector.
- B. Dust control: All demolition work shall comply with NESHAP, and OSHA regulations and guidelines provided by UT Environmental Health and Safety pertaining to the particular project.
- C. All debris must be swept and disposed of in an approved manner at the conclusion of demolition projects to insure that dust or sediment does not enter and contaminate the storm sewer system. In the event that the demolition project is in the vicinity of storm drains or inlets, storm water best management practices to control sediment loading shall be used. See Specification 02060 for details.

1.05 GENERAL REQUIREMENTS

- A. Site Assessment: Early in the design phase of any renovation project, contact UT's EH&S Hazardous Waste Section for a preliminary assessment of hazardous materials requiring special handling. Other than asbestos, materials to be removed during renovation which are hazardous will be disposed of in accordance with Section 02150, or Section 01800 if applicable.
- B. Asbestos Survey: Prior to the disturbance of any building materials, construction personnel must know the results of an asbestos survey.
- C. Recycling materials: The UT-Austin Surplus Properties Organization has been organized to receive reusable materials from construction demolition projects.
- D. Shut downs: Approval and coordination shall be obtained from the UT project representative prior to any shut down of equipment, occupied areas, etc.

**PART 2: PRODUCTS**

2.01 Recycled Materials

- A. General
  - 1. If not specified, a list of materials to be reused shall be obtained from the UT project representative.
  - 2. The UT project representative will contact UT Surplus Properties regarding materials to be removed for the project for reuse.

**SECTION 02070 – SELECTIVE DEMOLITION (RENOVATION AND NEW CONSTRUCTION)**  
**CONSTRUCTION STANDARD**

---

**PART 3: EXECUTION**

3.01 General

- A. Provisions shall be made for controlling dust migration with certain demolition techniques such as wet sanding, use of temporary filters for the HVAC units in the areas affected, covering of intake lowers or other means of protection, furniture protection covers, smoke detector covers, special ducting systems, exhaust control, carbon monoxide migration, etc.
- B. Special care shall be taken in disconnecting equipment operated by gas and electricity. Coordination of this work shall be made through the UT Construction Inspector or Project Coordinator.
- C. Any work requiring a shut down or removal of the "Centralized Clocking System" shall be also coordinated through the UT project representative prior to any work being performed.

END OF STANDARD 02070