

The following standard specification is intended to be edited according to the specifics of the project. Brackets [ ] and areas shaded in gray [e.g. format] indicate requirements that are optional depending upon the type of system being provided or per instructions associated with the [ ] and project requirements. Consult with University's Representative and campus stakeholders.

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## SECTION 02 41 19 SELECTIVE STRUCTURE DEMOLITION

### PART 1 - GENERAL

#### 1.1 SCOPE OF WORK

- A. Demolish XXX

#### 1.2 REQUIREMENTS

- A. Prior to starting demolition, comply with requirements listed in related Division 1 Sections. Comply with Environmental Protection Agency (EPA) regulations and disposal regulations.

#### 1.3 RELATED WORK

- A. Section 01 14 00 Work Restrictions
- B. Section 01 35 16 Alteration Project Procedures
- C. Section 01 35 43 Environmental Procedures
- D. Section 01 41 00 Regulatory Requirements
- E. Section 01 56 00 Temporary Barriers and Enclosures
- F. Section 01 71 33 Protection of Adjacent Construction
- G. Section 01 73 23 Bracing and Anchoring
- H. Section 01 73 29 Cutting and Patching
- I. Section 01 74 00 Cleaning and Waste Management

### PART 2 - PRODUCTS (NOT USED)

### PART 3 - EXECUTION

#### 3.1 UTILITIES

- A. In accordance with Section 01 14 00 Work Restrictions, locate, identify, disconnect, and cap off utility services to be demolished.
- B. Maintain and protect existing utilities to remain in service before proceeding with demolition, providing bypass connections to other parts of the building.

#### 3.2 SHORING AND BRACING

- A. In accordance with Section 01 14 00 Work Restrictions and Section 01 41 00 Regulatory Requirements, provide and maintain shoring, bracing, or structural support to preserve building stability and prevent movement, settlement, or collapse.

#### 3.3 DEMOLITION

- A. Conduct demolition in accordance with Section 01 14 00 Work Restrictions and Section 01 35 16 Alteration Project Procedures [without disrupting University's use of the building].
- B. In accordance with Section 01 56 00 Temporary Barriers and Enclosures, conduct demolition operations and remove debris to prevent injury to people and damage to adjacent buildings and site improvements.

- C. Perform Work in such a manner as to prevent damage to existing facilities to remain or to be salvaged. Hazardous Work shall not be left standing or hanging, but shall be knocked or pulled down to avoid damage or injury to employees or the public.

#### 3.4 PROTECTION

- A. In accordance with Section 01 73 29 Cutting and Patching, protect building structure or interior from weather and water leakage and damage.
- B. In accordance with Section 01 71 33 Protection of Adjacent Construction, protect remaining walls, ceilings, floors, and exposed finishes. Erect and maintain dustproof partitions. Cover and protect remaining furniture, furnishings, and equipment.

#### 3.5 CUTTING AND PATCHING

- A. In accordance with Section 01 73 29 Cutting and Patching.
- B. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction.
- C. Promptly patch and repair holes and damaged surfaces of building caused by demolition. Restore ex-posed finishes of patched areas and extend finish restoration into remaining adjoining construction.

#### 3.6 SALVAGE

- A. Items indicated to be removed and salvaged remain University's property. Remove, clean, and deliver to University's designated storage area or as directed by the University's Representative.
- B. Doors and door hardware: Contractor shall coordinate with University's Representative to arrange for door and door hardware salvage. Contractor shall remove any doors and door hardware not selected for salvage.

#### 3.7 DISPOSAL

- A. In accordance with Section 01 74 00 Cleaning and Waste Management.
- B. Unless otherwise indicated, demolished materials become Contractor's property.
- C. Promptly remove demolished materials from University's property and legally dispose of them. Do not burn demolished materials.

#### 3.8 HAZARDOUS MATERIALS

- A. In accordance with Section 01 35 43 Environmental Procedures.
- B. Except as otherwise specified, in the event Contractor encounters on the Project site material reasonably believed to be asbestos, polychlorinated biphenyl (PCB), lead, or other hazardous substances that have not been rendered harmless, Contractor shall immediately stop work in the area affected and report the condition to the University's Representative in writing. The work in the affected area shall not thereafter be resumed except by written agreement of University and Contractor if in fact the material is asbestos, PCB, lead, or other hazardous substances and has not been rendered harmless. The work in the affected area shall be resumed in the absence of asbestos, PCB, lead, or other hazardous substances, or when such materials have been rendered harmless.
- C. Disclose any hazardous substance or condition exposed during the work to the University's Representative for decision or remedy.

END OF SECTION 02 41 19