02 41 16 Structure Demolition

1.1 Structure demolition includes the removal of all foundations, footings and floor slabs as well as site improvements.

1.2 Demolition may also include asbestos abatement, removal of underground fuel tanks and remediation of hazardous waste, and recovery of refrigerant from air conditioners.

1.3 The following work procedures are prohibited:
   a. Burning of materials on site.
   b. Use of explosives.
   c. Burial of building materials or waste.
   d. Sale of salvaged materials on site.

1.4 IU will arrange to remove from the structure fixtures, furnishings, equipment, and other items deemed salvageable prior to demolition. All items remaining in the structure become the property of the Contractor to remove and dispose of.

1.5 The Contractor is responsible for obtaining and paying for all permits necessary for transportation and disposal of demolished materials.

1.6 All demolition sites shall be enclosed with a minimum 6 foot high chain link fence with fabric screening and operable gates. Rental fencing on pads is acceptable.

1.7 A written notification shall be made to the Indiana Department of Environmental Management (IDEM) a minimum of 10 working days prior to demolition of any structure.
   a. Notification will require the Contractor to retain the services of a licensed Asbestos Inspector.
   b. Local permits are not required for demolition.
   c. Materials suitable for recycling shall be separated from debris.
   d. All demolition debris shall be disposed of in State of Indiana permitted solid waste disposal landfills.
   e. The Contractor shall provide copies of all waste disposal and recycled material tickets to the Construction Manager.

1.8 Utility disconnects may involve outages to disconnect utilities. A list of utility contact personnel will be provided to the A/E consultant to verify the following:
   a. Telephone/Data - University Information Technology Services
      1. Remove service to nearest utility pole or manhole.
2. Remove underground conduits to property line and cap.
b. Steam & Chilled Water - IU Utilities: Remove service to main and cap.
c. Water - City Utilities: Remove meter and service to main and cap.
d. Natural Gas - Local Gas Company: Company will remove meter and service to main and cap.
e. Sanitary Sewer & Storm Sewer- City Utilities: Remove to property line and cap. Work in manhole may be required by utility.
f. Electrical - Local Electric Company or IU Utilities
   1. Remove meter and lines to nearest utility pole, transformer or manhole.

02 26 23 Hazardous Material Assessment

1.1 I.U. Environmental Health and Safety will identify asbestos containing materials and hazardous waste. IU EH&S will make recommendations for handling and disposal asbestos or hazardous waste.

1.2 The following items are considered hazardous waste:
   a. Fluorescent lamps
   b. Fluorescent ballasts (unless marked “Non-PCB”)
   c. Thermostats containing mercury
   d. P-traps from laboratory sinks may contain mercury.

1.3 Paint coatings in buildings constructed before 1978 may contain lead. IU EH&S will test coating for lead-based paints.

1.4 PCB’s, lead and/or asbestos may be present in single-glazed window putty or perimeter sealants.