

**SECTION 02 41 26**  
**SELECTIVE ELECTRICAL DEMOLITION**

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
  - 1. Removal of existing electrical equipment, wiring, and conduit in areas to be remodeled; removal of designated construction; dismantling, cutting and alterations for completion of the Work.
  - 2. Disposal of materials.
  - 3. Storage of removed materials.
  - 4. Identification of utilities.
  - 5. Salvaged items.
  - 6. Protection of items to remain.
  - 7. Relocate existing equipment to accommodate construction.

1.2 CLOSEOUT SUBMITTALS

- A. Project Record Documents: Record actual locations of capped utilities, conduits and equipment abandoned in place.

1.3 QUALITY ASSURANCE

- A. Perform Work in accordance with Ohio Building Code, local city and county codes, 2008 National Electrical Code, International Code Council (ICC), and The National Board of Fire Underwriters.

1.4 SCHEDULING

- A. Coordinate and schedule with the University all demolition work.
- B. Schedule with the University any service interruptions.
- C. Cease operations immediately when structure appears to be in danger and notify Architect/Engineer. Do not resume operations until directed.

1.5 COORDINATION

- A. Conduct demolition to minimize interference with adjacent and occupied building areas.
- B. Coordinate work with all trades to avoid conflicts.
- C. Coordinate and sequence demolition so as not to cause shutdown of operation of surrounding areas.
- D. Identify salvage items in cooperation with University.

PART 2 - PRODUCTS  
Not Used

**PART 3 - EXECUTION**

**3.1 EXAMINATION**

- A. Verify wiring and equipment indicated to be demolished serve only abandoned facilities.
- B. Verify termination points for demolished services.
- C. Verify that lighting fixtures and wiring devices in adjacent spaces remain in operation during demolition and after renovation is completed. Provide new branch circuiting as required to maintain service.

**3.2 PREPARATION**

- A. Erect, and maintain temporary safeguards for protection of the public, University, Contractor's employees, and existing improvements to remain.
- B. Provide as required by Code, temporary egress signage and emergency lighting.

**3.3 DEMOLITION**

- A. Demolition Drawings are based on field survey. Report discrepancies and/or conflicts to Architect/Engineer before disturbing existing installation.
- B. Equipment noted on Drawings noted for demolition is for informational purposes only and does not constitute the limits of demolition. Field verify and verify with University all existing items to remain or to be removed prior to bid and construction. Notify Architect of any issues. Provide electrical demolition necessary to prepare the area for new construction.
- C. Remove exposed abandoned conduit including abandoned conduit above accessible ceiling finishes. Remove back to panelboard if abandoned conduit is a home run.
- D. Remove conduit, wire, boxes, and fastening devices to avoid any interference with new installation.
- E. Disconnect electrical systems in walls, floors, and ceilings scheduled for removal.
- F. Reconnect equipment being disturbed by renovation work and required for continued service.
- G. Disconnect or shut off service to areas where electrical work is to be removed.
- H. Install temporary wiring and connections to maintain existing systems in service during construction.
- I. Perform work on energized equipment or circuits with experienced and trained personnel.
- J. Remove, relocate, and extend existing installations to accommodate new construction.
- K. Repair adjacent construction and finishes damaged during demolition and extension work.
- L. Remove exposed abandoned grounding and bonding components, fasteners and supports, and electrical identification components, including abandoned components above accessible ceiling finishes. Remove back to panelboard if abandoned components are a home run.
- M. Clean and repair existing equipment to remain or to be reinstalled to "like new" condition.

N. Protect and retain power to existing active equipment remaining.

**3.4 SALVAGE ITEMS**

A. Remove and protect items indicated on Drawings to be salvaged and turn over to University.

B. Items of salvageable value may be removed as work progresses. Transport salvaged items from site as they are removed.

**3.5 REUSABLE ELECTRICAL EQUIPMENT**

A. Carefully remove equipment, materials, or fixtures which are to be reused.

B. Disconnect, remove, or relocate existing electrical material and equipment interfering with new installation.

C. Relocate existing lighting fixtures as indicated on Drawings. Clean fixtures and re-lamp with same manufacturer, model number, CRI and color temperature. Test fixture to see if it is in good working condition before installation at new location.

**3.6 CLEANING**

A. Remove demolished materials as work progresses. Legally dispose including fluorescent lamps – coordinate with University.

B. Keep workplace neat.

END OF SECTION 02 41 26