

SECTION 26 05 01
SELECTIVE ELECTRICAL DEMOLITION

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Electrical demolition.
- B. Maintaining electrical systems services.

1.2 RELATED SECTIONS

- A. Section 00 72 00 – GENERAL CONDITIONS.

PART 2 – PRODUCTS

2.1 MATERIALS AND EQUIPMENT

- A. Materials and equipment for patching work: Match existing unless otherwise specified in individual Sections.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify circuiting arrangements are as shown on Drawings.
- B. Verify that abandoned wiring and equipment serve only abandoned facilities.
- C. Demolition Drawings are based on existing record documents and selective field observation.
Report discrepancies to Resident Engineer before disturbing existing installation.

3.2 PREPARATION

- A. Coordinate schedule aspects with Resident Engineer. Notify Resident Engineer of modifications or changes to suggested sequence.
- B. Coordinate utility service outages with Utility Company.
- C. Report discrepancies, code violations, and other problems to Resident Engineer.
- D. When work must be performed on energized equipment or circuits, use personnel experienced in such operations.
- E. Existing Electrical Services:
 - 1. Disable system only for disconnections and to make splices.
 - 2. Outages:
 - a. Obtain permission from Resident Engineer at least two weeks before partially or completely disabling system(s).
 - b. Minimize outage durations.

3.3 DEMOLITION EXISTING ELECTRICAL WORK

- A. Remove abandoned wiring to source of supply.

- B. Remove exposed abandoned conduit, including abandoned conduit above accessible ceiling finishes. Cut conduit flush with walls and floors, and patch surfaces.
- C. Disconnect abandoned outlets and remove devices. Remove abandoned outlets if conduit servicing them is abandoned and removed. Provide blank cover for abandoned boxes which are not removed.
- D. Disconnect and remove electrical devices and equipment serving utilization equipment that has been removed.
- E. Disconnect and remove abandoned luminaires. Remove brackets, stems, hangers, and other accessories. Turn luminaires over to Resident Engineer. If Resident Engineer refuses luminaires then properly dispose.
- F. Disconnect and remove controls and electrical components serving equipment that has been removed.
- G. Repair adjacent construction and finishes damaged during demolition and extension work.
- H. Maintain access to existing electrical installations which remain active. Modify installation or provide access panel as appropriate.
- I. Extend existing installations using materials and methods compatible with existing electrical installations, or as specified.
- J. Clean and repair existing materials and equipment which remain or are to be reused.
- K. Repair adjacent construction and finishes damaged during demolition work.

3.4 CLEANING AND REPAIR

- A. Clean and repair existing materials and equipment which remain or are to be reused.
- B. Panelboards: Clean exposed surfaces and check tightness of electrical connections. Provide typed circuit directory showing revised circuiting arrangement.

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