

SECTION 01 73 29  
CUTTING AND PATCHING

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**Notes: This section is intended to include incidental cutting, fitting and patching required to complete the Work or to make its several parts fit together properly.**

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PART 1 GENERAL

1.01 REQUIREMENT INCLUDED

- A. Requirements and limitations for cutting and patching of Work.

1.02 RELATED REQUIREMENTS

- A. Section 01 11 000 - Summary of Work.
- B. Section 01 43 00 - Material and Equipment: Substitutions (See General Terms and Conditions – Articles 2 & 6)
- C. Individual Specifications Sections:
  - 1. Cutting and patching incidental to work of the Section.
  - 2. Advance notification to other trades of openings required in work of these trades.
  - 3. Do not cut or drill into any prestressed concrete member or post tensioned slab.

1.03 SUBMITTALS

- A. Submit written request in advance of cutting or alteration which affects:
  - 1. Structural integrity of any element of Project.
  - 2. Integrity of weather-exposed or moisture-resistant element.
  - 3. Efficiency, maintenance, or safety of any operational element.
  - 4. Visual qualities of sight-exposed elements.
  - 5. Work of Owner or separate contractor.
- B. Include in request:
  - 1. Identification of Project.
  - 2. Location and description of affected work.
  - 3. Necessity for cutting or alteration
  - 4. Description of proposed work and products to be used.
  - 5. Alternatives to cutting and patching.
  - 6. Effect on work of Owner or separate contractor.
  - 7. Written permission of affected separate contractor.
  - 8. Date and time work will be executed.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Those required for original installation.

- B. For any change in material, submit request for substitution under provisions of General Terms and Conditions.

## PART 3 EXECUTION

### 3.01 GENERAL

- A. Execute cutting, fitting and patching [including excavation and fill,] to complete Work, and to:
  - 1. Fit the several parts together, to integrate with other work.
  - 2. Uncover work to install ill-timed work.
  - 3. Remove and replace defective and non-conforming work.
  - 4. Remove samples of installed work for testing.
  - 5. Provide openings in elements of Work for penetrations of mechanical and electrical work.

### 3.02 INSPECTION

- A. Inspect existing conditions, including elements subject to damage or movement during cutting and patching.
- B. After uncovering, inspect conditions affecting performance of work.
- C. Beginning of cutting or patching means acceptance of existing conditions.

### 3.03 PREPARATION

- A. Provide supports to assure structural integrity of surroundings; devices and methods to protect other portions of Project from damage.
- B. Provide protection from elements for areas which may be exposed by uncovering work; maintain excavations free of water.

### 3.04 PERFORMANCE

- A. Execute work by methods to avoid damage to other work, and which will provide proper surfaces to receive patching and finishing.
- B. Employ original installer to perform cutting and patching for weather-exposed and moisture-resistant elements, and sight-exposed surfaces.
- C. Cut rigid materials using masonry saw or core drill. Pneumatic tools are not allowed without prior approval.
- D. Restore work with new products in accordance with requirements of Contract Documents.
- E. Fit work [airtight] [watertight] [\_\_\_\_\_] to pipes, sleeves, ducts, conduit and other penetrations through surfaces.
- F. At penetrations of fire-rated wall, ceiling, or floor construction, completely seal voids with [fire-rated] [fire-resistant] [\_\_\_\_\_] material, full thickness of the construction element.
- G. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for an assembly, refinish entire unit.

END OF SECTION