

SECTION 01045

CUTTING AND PATCHING

PART 1 GENERAL

1.01 SUMMARY

- A. Submit written request in advance of cutting or alteration which affects:
 - 1. Structural integrity of any element of the building.
 - 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 ANC or other tenant.
- B. Include in request:
 - 1. Identification of the TENANT and Airport Building Permit.
 - 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 ANC or other tenant
 - 7. Written permission of affected tenant
 - 8. Date and time Work will be executed.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Those required for original installation.

PART 3 EXECUTION

3.01 GENERAL

- A. Execute cutting, fitting, and patching 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 non-conforming and Defective 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. Cut rigid materials using masonry saw or core drill. Pneumatic tools not allowed without prior approval.
- C. Restore Work with new products in accordance with requirements of Contract Documents.
- D. Fit Work tightly to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- E. At penetrations of fire-rated wall, ceiling, or floor construction, completely seal voids with fire-rated material, full thickness of the construction element or in accordance with listed U.L. assembly requirements.
- F. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for an assembly, refinish entire unit.

3.05 HAZARDOUS MATERIAL

- A. Review previous hazardous material sampling within the work area(s) with the ANC Environmental Office prior to submitting an Airport Building Permit.
- B. The TENANT is responsible for the testing and abatement of asbestos and all other hazardous materials encountered during the project. The testing and abatement will be done at the TENANT's expense.
- C. Avoid disturbance of materials known to contain hazardous materials.
- D. Do not mount conduit, equipment, hangers or other accessories on surface materials known to contain hazardous materials.
- E. If hazardous materials are discovered, immediately notify ANC in writing and conform to the applicable regulatory requirements.
- F. No asbestos or other hazardous material shall be used or reused at ANC.

END OF SECTION