

## **1 GENERAL**

### **1.1 ACTION AND INFORMATIONAL SUBMITTALS**

- .1 Submit written request in advance of cutting or alteration which affects:
  - .1 Structural integrity of elements of project.
  - .2 Integrity of weather-exposed or moisture-resistant elements.
  - .3 Efficiency, maintenance, or safety of operational elements.
  - .4 Visual qualities of sight-exposed elements.
  - .5 Work of Owner or separate contractor.
- .2 Include in request:
  - .1 Identification of project.
  - .2 Location and description of affected Work.
  - .3 Statement on 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.

### **1.2 MATERIALS**

- .1 Required for original installation.
- .2 Any modification concerning materials has to be the object of a substitution request according to the prescriptions of the Ministerial Representative.

### **1.3 PREPARATION**

- .1 Inspect existing conditions, including elements subject to damage or movement during cutting and patching.
- .2 After uncovering, inspect conditions affecting performance of Work.
- .3 Beginning of cutting or patching means acceptance of existing conditions.
- .4 Provide supports to assure structural integrity of surroundings; provide devices and methods to protect other portions of project from damage.
- .5 Provide protection from elements for areas which are to be exposed by uncovering work; maintain excavations free of water.

### **1.4 EXECUTION**

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

- .6 Execute Work by methods to avoid damage to other Work, and which will provide proper surfaces to receive patching and finishing.
- .7 Cut rigid materials using masonry saw or core drill. Pneumatic or impact tools not allowed on masonry work without prior approval.
- .8 Restore work with new products in accordance with requirements of Contract Documents.
- .9 Fit Work airtight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- .10 Refinish surfaces to match adjacent finishes: Refinish continuous surfaces to nearest intersection. Refinish assemblies by refinishing entire unit.
- .11 Conceal pipes, ducts and wiring in floor, wall and ceiling construction of finished areas except where indicated otherwise.

## **2 PRODUCTS**

### **2.1 MATERIALS**

- .1 Unless otherwise specified, use identical material that the original material element that has to be repaired (nature, quality, color, texture, resistance and durability).

## **3 EXECUTION**

### **3.1 PREPARATION WORKS**

- .1 Remove materials, installations of services and other equipments which hamper the restoration or the repair of the existing works and to put back in place it according to the progress of the works.

### **3.2 REPAIRS**

- .1 Repair to the satisfaction of the Owner Representative, all the materials damaged by the demolition works or modifications (walls, ceilings etc.) so as to sail surfaces existing neighboring (color, materials, texture).
- .2 Unless otherwise specified, the repairs will present the same appearance as the works existing adjoining, and will also be made new materials or recycling, if they are in good condition.
- .3 All the junction boxes will have to remain accessible.
- .4 For connectings and works of cutting of wall coatings, the contractor, will have to use of new material identical to the existing, if he is not specified otherwise.
- .5 In the walls where existing equipments were removed, such as fire extinguishers, electric panels etc.
- .6 Repairs of the ground with materials such as those existing near the existing building.

### **3.3 RENOVATION WORKS**

- .1 Definition of renovation:  
Put back the existing materials to renovation, in the state of new. The method of renovation must be determined according to the type of materials in position. No difference has to be noticeable between the new materials and those existing once in position.

### 3.4 WATERPROOFNESS OF ELEMENTS

- .1 Redo the works of waterproofness in the junctions, around conduits and taken out of mechanics and electric.

### 3.5 EQUIPMENTS TO BE RE-LOCATED

- .1 All the electrical plugs and the equipments to be preserved and which are on the surfaces of walls to be covered with a new finish, to be redone and/or to renovate, must be accordingly moved and linked.
- .2 Certain signboard must be got back and reinstalled according to indications to drawings.

**END OF SECTION**