

SECTION 040000-MASONRY

PART 1 - GENERAL

1.1 RELATED SECTIONS:

Refer to Section 030000 for the requirements relating to concrete; including concrete exposed to the exterior.

Refer to Section 050000 for the requirements relating to metals; including structural metal framing and cold formed metal framing (metal studs).

Refer to Section 070000 for the requirements relating to thermal and moisture protection; including waterproofing, damp-proofing, water repellants, vapor retarders, air barriers, insulation, exterior insulation and finish systems, fireproofing, fire-stopping, and roofing.

1.2 SCOPE OF SECTION:

This section contains the requirements relating to manufactured units of masonry and natural or cut stone; including mortar, masonry grout, masonry accessories, and masonry restoration and cleaning.

1.3 GENERAL:

A. PREFERENCES FOR EXTERIOR WALL MATERIALS:

Exterior walls should be brick. Stucco, concrete, concrete block, etc., are not preferred. Refer to the University's Living History Committee Guidelines via Project Manager.

B. EXTERIOR WALL SYSTEMS:

The use of either metal studs or Exterior Insulated Finish Systems (EIFS) as components of exterior wall systems is not recommended and requires approval of University Architect.

C. Waste materials shall be disposed of by contractor off-site at contractor's expense.

1.4 EXPANSION JOINTS:

A. Sufficient expansion joints shall be provided for masonry work particularly where new masonry abuts to existing surface.

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B. Expansion joints shall not create trip hazards.

1.5 MORTAR AND MASONRY GROUT:

1.6 MASONRY ACCESSORIES:

Corrugated anchors shall not be used. University prefers dovetail anchors.

1.7 CLAY UNIT MASONRY:

BRICK MASONRY:

Refer to the University's Living History Committee Guidelines via Project Manager.

1.8 CONCRETE UNIT MASONRY:

1.9 STONE:

1.10 MASONRY RESTORATION AND CLEANING:

- A. Designer shall specify most appropriate cleaning method and consult with owner to assure that landscaping and adjacent surfaces shall be protected during restoration and cleaning. Landscaping or adjacent surfaces damaged during this process shall be restored to original condition at Contractor's expense.
- B. Deteriorated mortar joints or caulking shall be brought to the attention of the Designer and Project Manager in the form of a written proposal for corrective action.

END OF SECTION

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