

# **DIVISION 04 – MASONRY**

## **04 00 00 MASONRY**

### **PART 1 - GENERAL**

#### 1.01 SPECIFIC REQUIREMENTS

- A. All brick masonry units shall be installed above grade.
- B. Masonry roof parapets shall have their roof face protected. See details in section 07 00 00 Thermal and Moisture Protection.
- C. Through-wall flashing shall be required at wall caps, window heads, and ledgers. See details in section 07 00 00 Thermal and Moisture Protection.
- D. Install plastic or metal vents in all masonry weep holes. Rope wicks, tubes, and open weep holes are not acceptable.
- E. In general, color-treated mortar is not acceptable at WSU, as matching colors has proven extremely difficult during building repairs and renovation.
- F. Treat all exterior masonry surfaces with clear finish. See standards for masonry coating in section 09 90 00 "Painting and Coating".
  - 1. In addition to clear finish, treat all exterior masonry walls with anti-graffiti coating to a height of 15 feet.

#### 1.02 QUALITY ASSURANCE

- A. Mock-up: Prior to installing unit masonry, construct mock-up wall panels to verify material selections and to demonstrate the building envelope system compatibility and the overall aesthetics. Schedule construction of mock-ups to include time for review and possible rejection with time allotted for correction(s).
- B. Contractor shall be responsible for removal of all efflorescence which appears within a three year period after date of final acceptance.

### **PART 2 - PRODUCTS**

#### 2.01 ACCEPTABLE BRICK BLENDS

- A. Brick blends must be approved by the WSU Project Manager. Refer to WSU Design Guidelines for acceptable brick blends and integration with adjacent structures.

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**PART 3 - EXECUTION**

3.01 CLEANING AND SEALING

- A. On completion of installation of the masonry and a reasonable setting and drying period, the Contractor shall clean masonry with products and methods acceptable to the manufacturer(s). Upon completion of cleaning, the Contractor shall seal masonry with a product compatible with both the masonry units and the cleaners used.

3.02 EXTRA STOCK MATERIALS

- A. Upon project completion, turn over excess masonry units to the WSU Construction Manager for future renovation and repair work.
  - 1. Quantity furnished shall be no less than 20 square feet and no more than one full pallet.
  - 2. Excess masonry shall match brick blends used in the project.
  - 3. Furnish excess masonry on a galvanized steel pallet for storage.
  - 4. Coordinate storage location with the WSU Construction Manager.

**END OF SECTION**