

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.

PART 4 - QUALITY (NOT APPLICABLE)

PART 5 - WARRANTY (NOT APPLICABLE)

PART 6 - TRAINING REQUIREMENTS (NOT APPLICABLE)

PART 7 - STOCK AND SPARE PARTS (NOT APPLICABLE)

PART 8 - PRE-INSTALL REQUIREMENTS (NOT APPLICABLE)

PART 9 - SPECIAL INSPECTIONS (NOT APPLICABLE)

PART 10 - SHOP DRAWINGS (NOT APPLICABLE)

PART 11 - SPECIAL INSTRUCTIONS OR PROVISIONS

Coordinate storage location with the WSU Construction Manager.

END OF SECTION