

SECTION 04 20 00 - UNIT MASONRY

PART 1 - GENERAL

1.1 SYSTEM REQUIREMENTS

- A. Design Requirements:
 - 1. All exterior unit masonry walls shall be designed as cavity walls with protected weather-resistive barrier on the drainage plane, adequate cavity ventilation to encourage drying, and sufficient weeps and thru-wall flashing and all cavity interruptions. Single-wythe exterior masonry walls are not permitted.
 - 2. All exterior masonry to be reviewed and approved by the University of Colorado Design Review Board and the University Campus Architect.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Concrete Masonry Units (CMUs): Normal weight.
- B. Brick: Face brick, Grade SW.
- C. Masonry Joint Reinforcement:
 - 1. Interior Walls: Hot-dip galvanized, carbon steel.
 - 2. Exterior Walls: Stainless steel.
- D. Ties and Anchors: Stainless steel.
 - 1. Adjustable Masonry-Veneer Anchors: Screw attached.
- E. Embedded Flashing:
 - 1. All Flashing: Stainless steel preferred.
 - 2. Concealed (Flexible) Flashing: Rubberized asphalt.
 - a. Used with stainless steel drip edge acceptable.
- F. Weep/Vent Holes: Cellular plastic or plastic mesh.
- G. Cavity drainage material: Provide in all cavity walls to protect clogging weeps with mortar drippings.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Mortar Net USA, Ltd.; Mortar Net or a comparable product.
- H. Cavity-Wall Insulation: Extruded-polystyrene board.
- I. Mortar:
 - 1. Portland cement-lime mortar unless otherwise indicated.

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 04 20 00