

## SECTION 04 20 00 - MASONRY

### PART 1 - EXTERIOR MASONRY WALLS

1. The College prefers that brick and block be laid with a running bond pattern unless otherwise approved by the Owner.
2. Per ASTM C216 Facing Brick Grade FBX is the standard facing brick grade for all new work. Exposure Grade SW unless otherwise approved by Owner.
3. Provide concave tooled masonry joints.
4. In applications where exposed faces occur (rowlocks, etc...) provide matching solid-facing brick at the end of the coursing.
5. Colored mortar is allowed with Owner approval, consult with Owner if colored mortar is desired. Brick sizes should be appropriate to the scale of the building, budget, and product availability.
6. Glazed ceramic brick or tile requires College approval.
7. Provide weeps using vinyl tubes or preformed head joint weep systems; "wick type" weeps are not acceptable. Provide weeps over lintels and relieving angles where though wall flashing has been installed. Provide cavity wall vents at the top and bottom of exterior masonry walls. Provide manufacturer's standard colors for cavity vents.
8. Provide appropriate water drainage in exterior wall systems including cavity drainage material to prevent mortar build-up and drainage blockage in cavity.
9. Steel lintels shall be hot-dipped galvanized with flashings and end dams.
10. Specified masonry Manufacturer and Installer shall have a minimum of 5 years of experience.
11. Refer to the Standards for Project Mockups for Field constructed masonry mockups.
12. A single source of responsibility is required for masonry units.

### PART 2 - INTERIOR MASONRY PARTITIONS

1. Masonry is the preferred material for use in central service areas including but not limited to boiler rooms, main electrical rooms, receiving areas, and loading docks. Reference specific requirements provided in the appropriate space standards.
2. Masonry is the preferred material for use in technology labs or industrial labs. Example labs include Welding, HVAC, Machine Tool, Automotive, Hydraulics, Pneumatics, and Electronics. Reference specific requirements provided in the appropriate space standards.
3. Grooved and split-faced architectural concrete masonry units shall not be used as a primary surface. Both are allowed as an accent material.

4. Where interior corners are exposed, provide bullnose masonry units.