

**Brick and Block Masonry**

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1. Design and construction guidelines and technical notes of the Brick Institute of America (BIA) will be followed for brick and the Masonry Advisory Council (MAC) for concrete masonry unit (CMU) construction.
2. Brick allowances are discouraged. Allowances will be specified for brick only if specific selections cannot be made.
3. All brick (including that incorporated into the face of architectural precast panels) will comply with ASTM C216 and will have a rating of "no efflorescence" when tested according to ASTM C67.

Lab certification of brick will be based on samples taken from bricks produced for the project and will be approved prior to delivery. The owner will retain an independent testing agency that will randomly test brick delivered to the site for compliance.

4. Brick used as paving material must be paving grade and will be set on a concrete base with a *sand leveling course*.

**Stone Masonry**

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1. Limestone will be supplied following the guidelines of the Indiana Limestone Handbook, current edition.
2. Coping stones will be secured with stainless steel anchors and pins and will have a continuous rubber membrane flashing beneath the stones that extends flush to the surface of the wall, but not past the exterior surface. All head joints of coping stones will have joint sealant installed rather than mortar or grout.

**Mortar, Flashing, Weep Holes, and Anchors**

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1. *Mortar for Masonry Units* will conform to ASTM Standards on Masonry. In particular, C91 (Standard Specification for Masonry Cement) and C270 (Standard Specification for Mortar for Unit Masonry) will apply.
2. All shelf angles, fasteners, and other metal objects incorporated into masonry walls will be hot dipped galvanized, *verify with PM*. On MU projects, fasteners will be stainless steel.

3. All flashings should extend 1/4" beyond the face of wall. In-wall flashings should be composite copper asphaltic felt. Through-wall flashings shall be stainless steel. Weeps shall be installed above each flashing.
4. *Wall ties will be hot dipped galvanized steel.*
5. At load bearing joints of different types of materials (brick and stone, brick and concrete, etc.), mortar will be raked back a sufficient depth to allow the installation of backer rod and sealant. Sealant installation details will comply with the manufacturer's recommendations.
6. *Weep location.*

*Consultant should provide a minimum of 9" clearance from finished grade to the weep/flashings of the exterior wall system in order to allow for the shrub beds to be "built-up" and drain properly.*

*Consultant should consider site grading, landscaping, and slab on grade finish elevations when locating weeps.*

END OF SECTION