

University Contact: Project Manager on said project

SECTION 4: UNIT MASONRY

This section of the Standards establishes minimum requirements only and is to be used to guide, and not replace, the complete project specification section. The Architect and/or Engineer shall further produce project specifications in line with industry standards that incorporate these University requirements.

➤ PROJECT GUIDELINES

- Face brick: All brick shall conform to ASTM C216, Grade SW. No cracked brick shall be installed, nor brick with chips larger than 1/4-inch. Sample boards shall be provided and approved prior to installation.
- Common brick shall conform to ASTM C62 for Grade SW or better, unless confined to strictly interior application.
- Block and stone with chips larger than 1/4-inch shall not be used.
- Mortar type shall be chosen based on the recommendations in Brick Industry Association Technical Notes. Generally, Type N Portland Cement and Lime mortar will be the most appropriate. Portland Cement shall be the air-entraining type. Mortar joints shall be tooled concave. Raked mortar joints are specifically prohibited. Mortar joints (vertical, head or bed joints) shall not exceed 3/8-inch unless necessary to match existing masonry.
- Masonry anchors and dowels shall be stainless steel. Through wall flashing shall be 24 gage stainless steel or 16 oz copper.
- Weeps: Provide free-draining mesh, made from polymer strands that will not degrade within the wall cavity.
- Steel Lintels and Shelf Angles: Units must be hot-dipped galvanized after fabrication or stainless steel.
 - Leg thickness must be sized for structural loads, but not less than 3/8-inch thick.
 - All exposed structural steel, not encased in fire protection, or composed of stainless steel shall be painted.
- Provisions, such as the use of tarps, shall be made to protect the material from weather.
- Expansion joints shall be provided within 5 feet of each corner dimension and no less than 20 feet apart.

❖ END OF SECTION