

General Information

Brick

Brick masonry to be designed and constructed per the standards of the Brick Industry Association.

1.03 Quality Control

- A. Campus brick: SHSU campus has a standard range of colors for selection of the campus brick. The palette of brick colors listed in Products shall be used to create the brick blend for each new building. All brick must meet master plan requirements.
- B. Grout: Coordinate color of mortar with the SHSU project representative. Use only a pre-mixed mortar, with no calcium chloride admixtures.

Brick Selection Procedure

Brick will be selected during project design and shall be specified in the bid documents. Face Brick shall be ASTM C216; Type FBS grade SW.

In the drawings the A/E will provide a detail that indicates the size of the brick mock-up panel that will also contain all exterior materials such as stone, cast stone, curtain wall, glazing, sealants, etc. for final approval of brick color as well as all exterior colors for the project.

The A/E shall require, in the Project's Specification along with a detail in the drawings, that prior to ordering brick, the Contractor shall erect a 300 brick sample panel in mortar, all as specified, at the jobsite for final approval consideration by the Director of Project Delivery or designee.

The approved panel shall remain on the jobsite as a visual criterion which the final construction must match.

Expansion joints and control joints in masonry veneer walls shall be appropriated detailed and shown on building elevations. Extra precautions shall be taken at Sam Houston State University due to extreme summer temperatures.

2.01 Brick

A. Acme Brick Co., or equal as approved by Design Manager.

B. Acceptable brick units (to be blended per agreement of consultant and SHSU):

Acme Elgin Blend 230 Painted Desert 70%

Acme Elgin Blend 256 Sage Brush 20%

Acme Elgin Blend 274 Mission Pink 10%

C. Consultant shall arrange to bring brick supplier into the design process early to verify any new developments in brick production that may impact brick unit appearance or delivery.

Concrete Masonry Units (CMU)

Concrete masonry units shall comply with ASTM C90.

Use bullnose type concrete masonry units at all edges and exterior corners.

Stone

Limestone shall be no closer than 4 inches to grade when adjacent to lawns and planting areas. Interior limestone masonry shall be sealed.

Marble and granite shall be domestic.

Anchors, dowels and other accessories used in wet locations shall be stainless steel all other locations may be galvanized.

Overhead Masonry

Construction where the masonry units are supported overhead using concealed mechanical devices in tension, or where the units extend beyond lower courses using concealed mechanical support devices in tension shall not be used. Building being renovated where these conditions exist shall be thoroughly examined for safety and a report of condition provided.

Masonry Accessories

Mortar net or a comparable mortar collection product shall be added to the base of brick veneer and single wythe concrete masonry walls to prevent clogging of weep holes.