

1301 - MASONRY BRICK

SECTION 1301

MASONRY BRICK

1301.1 DESCRIPTION

This specification covers requirements for masonry brick for various types of construction. Supply masonry brick made from clay, shale, or a mixture of aggregates, water and portland cement.

1301.2 REQUIREMENTS

a. Building Brick. ASTM C 62 defines the requirements for this type of brick except “Maximum Water Absorption by Five-hour Boiling” and “Maximum Saturation Coefficient” does not apply. Provide grade MW masonry brick unless specified otherwise in the Contract Documents.

b. Sewer and Manhole Brick. ASTM C 32 defines the requirements for this type of brick. Provide either Grade MM or MS bricks.

c. Concrete Building Brick. ASTM C 55 defines the requirements for this type of brick, except “Water Absorption” and “Moisture Content” does not apply. Provide Grade S-II concrete building brick unless specified otherwise in the Contract Documents.

d. ADA Compliant Paving Brick. ASTM C 902 defines the requirements for this type of brick. Provide a brick that complies with Class SX, Type I, and Application PS requirements.

1301.3 METHODS OF TEST

Test masonry bricks by the procedures in the ASTM standards cited with each brick type. Note the exceptions taken by the Department.

1301.4 PREQUALIFICATION

None required.

1301.5 BASIS OF ACCEPTANCE

Acceptance of Sewer and Manhole Brick, and Concrete Building Brick will be based on satisfactory results of tests conducted on samples submitted to the Engineer of Tests.

Acceptance of ADA Compliant Paving Brick will be based on receiving a Type A certification and satisfactory results of tests conducted on samples submitted to the Engineer of Tests.