

GUIDELINES FOR PROFESSIONAL SERVICES

DIVISION 4 - MASONRY

The following items are to be included on the drawings and in the specifications by the Design Professional:

I. GENERAL

- A. Exterior building walls, constructed of brick and masonry, shall be treated to prevent water penetration as approved by the Owner. Scored CMU and scored stucco shall not be used.
- B. Exposed brick walls, if used, shall have an exterior facing of not less than 4" thick wythe of hard burned standard size clay brick, equal to ASTM C-216. Walls shall have 2" cavity with face brick and CMU backers tied together with galvanized extra heavy Dur-O-Wal or equal for cavity walls with drips in center of cavity and be installed on 16" centers vertically. Out to out dimension of side rods shall be approximately 12" for the standard 14" thick cavity walls. Cavity shall have a 1" thick insulation board built in as the wall is constructed. Provide weep holes in exterior wythe of cavity walls immediately above ledges or flashing, spaced 2'-0" o.c. Insulation shall be Styrofoam SM or equal adhered to CMU with Styrofoam insulation mastic No. 11. Bricks shall be guaranteed against efflorescence.
- C. All exposed masonry wall joints shall be struck and pressed. Raked joints are not permitted.
- D. The contractor shall construct a sample masonry panel as part of the new construction prior to start of masonry work to demonstrate laying-up of a typical 4" thick brick faced cavity type masonry wall with 8" CMU backing, Dur-O-Wal wall ties and 2" thick insulation. Wall shall be 4' high and shall have a right angle corner with 6' and 4' legs. Upon approval of this sample wall, it shall serve as an example for all masonry work. Any rejected wall samples shall be torn down, the debris removed, and a new wall constructed. Under the above conditions, a portion of the building wall may be used as the sample. In the selection of masonry components, it shall be the Design Professional's responsibility to make certain that the brickwork and CMU course out properly to provide through joints to receive the joint reinforcing and work out with standard size insulation boards. This sample can be part of finished work.
- E. The contractor shall build in all required metal inserts and anchors in masonry for work of all trades.