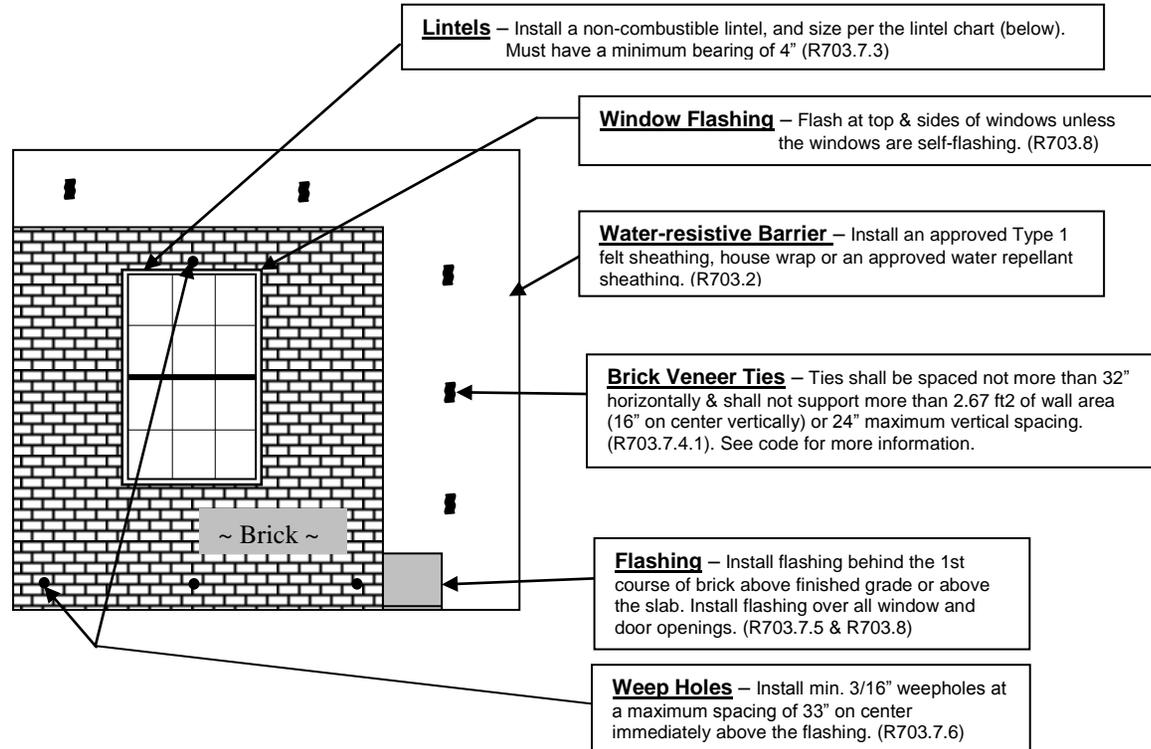


Knox County Code Administration & Inspection

BRICK INSTALLATION INFORMATION

REV. 112012



WALL ELEVATION

TABLE R703.7.3.1 from 2012 INTERNATIONAL RESIDENTIAL CODE ®
ALLOWABLE SPANS FOR LINTELS SUPPORTING MASONRY VENEER ^{a,b,c,d}

SIZE OF STEEL ANGLE ^{a,c,d} (inches)	NO STORY ABOVE	ONE STORY ABOVE	TWO STORIES ABOVE	No. of 1/2" or equivalent reinforcing bars in reinforced lintel ^{b,d}
3 x 3 x 1/4	6' - 0"	4' - 6"	3' - 0"	1
4 x 3 x 1/4	8' - 0"	6' - 0"	4' - 6"	1
5 x 3 1/2 x 5/16	10' - 0"	8' - 0"	6' - 0"	2
6 x 3 1/2 x 5/16	14' - 0"	9' - 6"	7' - 0"	2
(2) 6 x 3 1/2 x 5/16	20' - 0"	12' - 0"	9' - 6"	4

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

^a Long leg of the angle shall be placed in a vertical position.

^b Depth of reinforced lintels shall not be less than 8 inches and all cells of hollow masonry lintels shall be grouted solid. Reinforcing bars shall extend not less than 8 inches into the support.

^c Steel members indicated are adequate typical examples; other steel members meeting structural design requirements may be used.

^d Either steel angle or reinforced lintel shall span opening.