

### ONTARIO BUILDING CODE

#### 9.20.9.5. Ties for Masonry Veneer

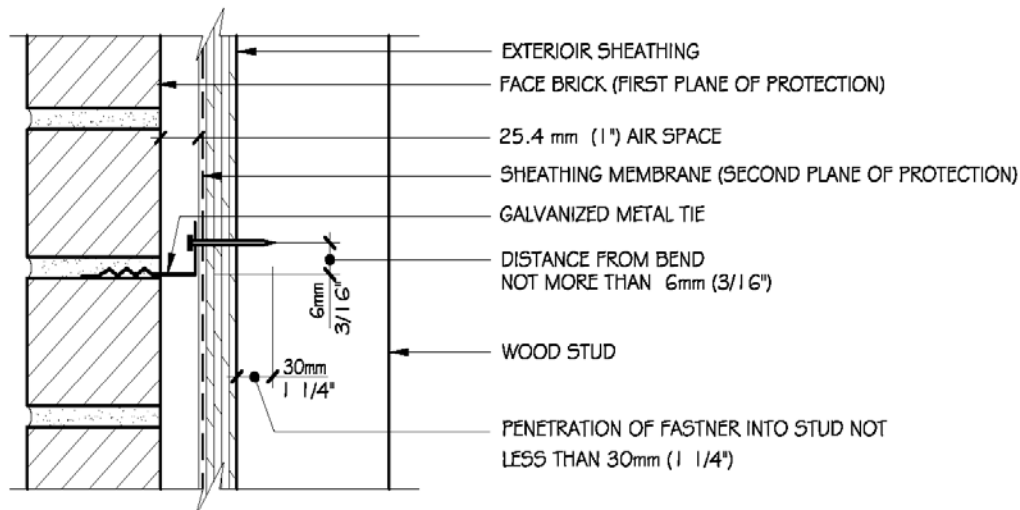
- (1) Masonry veneer 70 mm (2¾ in) or more in thickness and resting on a bearing support shall be tied to masonry back-up or to wood framing members with straps that are,
- (a) corrosion-resistant,
  - (b) not less than 0.76 mm (0.03 in) thick,
  - (c) not less than 22 mm (7⁄8 in) wide,
  - (d) shaped to provide a key with the mortar, and
  - (e) spaced in accordance with Table 9.20.9.5.
- (2) The straps described in Sentence (1) which are fastened to the wood framing members shall be
- (a) bent at a right angle within 6 mm (¼ in) from the fastener, and

- (b) fastened with corrosion resistant 3.18 mm (0.125 in) diam. Screws, or spiral nails having a wood penetration of not less than 30 mm (1¼ in).

### OBJECTIVE

Ties in a veneer wall are the mechanism for connecting masonry veneer to its structural backing and for transferring loads, such as wind.

Because of their shape and thickness metal strip ties are susceptible to corrosion, thus contributing to their structural failure. The use of galvanized strip ties and nails will offer some resistance to corrosion. Problems due to movement of the wall will be minimized and costly repairs will be avoided.



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