

COMPONENT OR EXPANDABLE UNIT SYSTEM



Faced with a problem of laying masonry around this reinforcing steel!!!



Use the component or expandable unit system!

This system is permitted by the Uniform Building Code and conforms to Sec. 2407(e)3 of the 1985 Uniform Building Code and the 1987 Accumulative Supplement to that section.

1985 UNIFORM BUILDING CODE

Section 2407(e) Structural Continuity

3. **Masonry elements. A. Multiwythe walls.** All wythes shall be bonded by grout or tied together by corrosion-resistant metal ties or joint reinforcement . . .

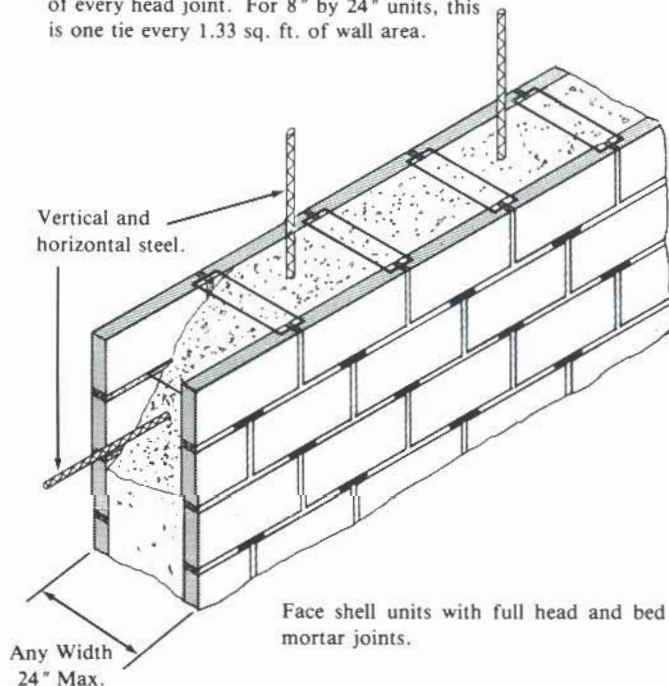


1987 ACCUMULATIVE SUPPLEMENT

Section 2407(e)3

(ii) **Metal ties for grouted multiwythe construction.** The two wythes shall be bonded together with at least one 3/16 inch-diameter metal wall tie for each 2 square feet of area. Metal ties of different size and spacing may be used if they provide equivalent strength between wythes.

#9 ga. High-lift grout ties at either top or bottom of every head joint. For 8" by 24" units, this is one tie every 1.33 sq. ft. of wall area.



Area: 3/16" dia. wire = 0.276 sq. in.
Area: two 9 ga. wires = 0.346 sq. in.



Established 1957

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