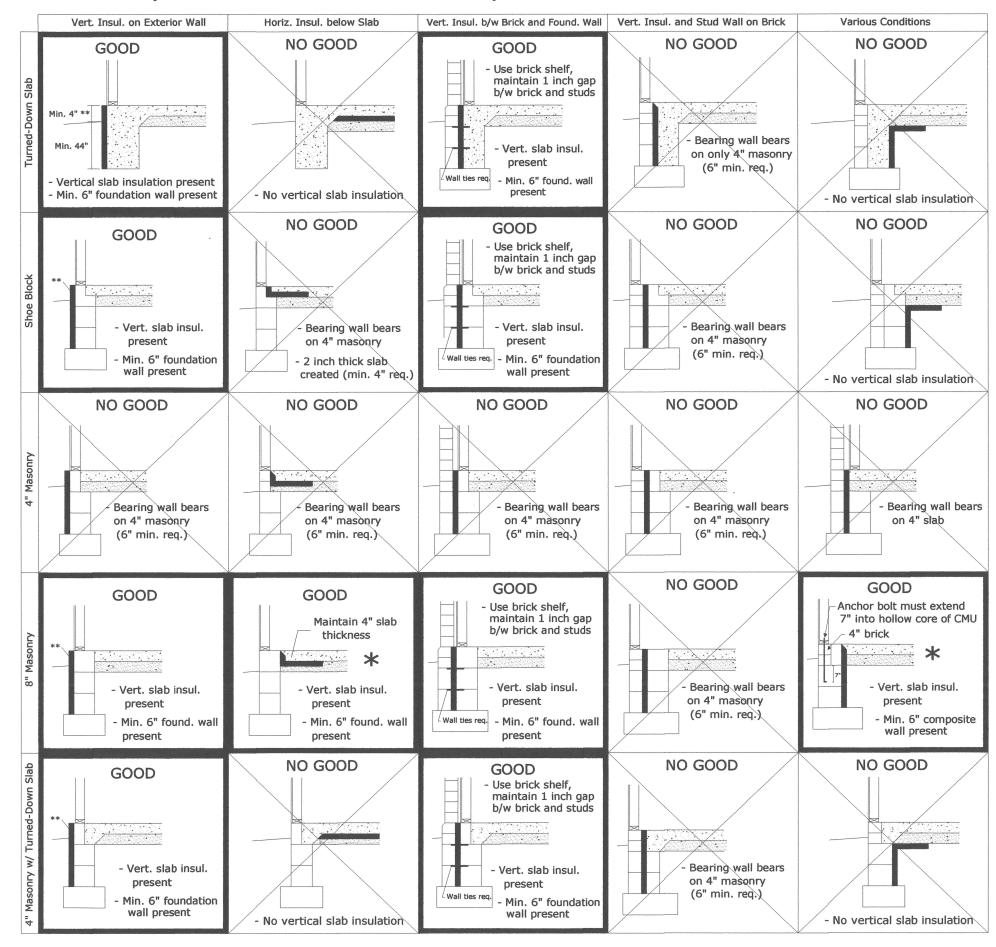
ACCEPTABLE SLAB CONSTRUCTION DETAILS

(FOR CONDITIONED FLOOR AREAS)



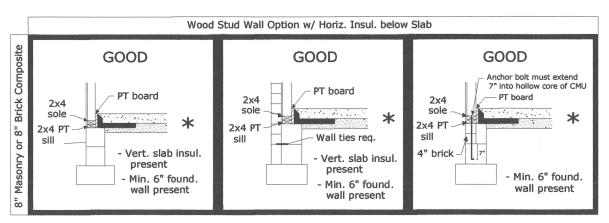
NOTE: R-10 rigid insulation is required.

A min. 4" of vertical insulation is required at the slab's edge. Another 44" of insulation is required either vertically or horizontally under the slab.

Where noted with (*), foam insulation is permitted to be cut at the top of the slab at a 45 degree angle to allow for the installation of a carpet strip.

Where noted with (**), foam insulation requires protection from damage when above grade.

NOTE: REScheck will no longer allow for slab insulation trade-offs. The U.S. Department of Energy now wants slab insulation to be installed in all applications (ie. new construction, additions, renovations, etc.)



Code references

- Foundation anchorage requirements VRC R403.1.6
- Slab insulation requirements VRC N1102.2.9
- Min. masonry widths for load-bearing walls VRC Table R404.1.1(1)
- Composite foundation walls are a brick and CMU block (or concrete) wall with a fully grouted collar joint and masonry ties that tie the brick to the CMU block (or concrete) wall. Composite foundation walls can support building loads. Brick alone cannot support building loads.
- ACI 530-05 2.1.5.2.1

Orig. [9/07] Rev. [2/09] [7/12] [7/19] [1/21] [4/23] [3/25]