Provide anchor bolts within 12" of all corners and sill plate ends, and at a maximum of 6' O.C. Provide a Minimum of two anchor bolts per piece of sill plate. All anchor bolts should be hot dip galvanized and should Extend a minimum of 7" into the concrete.

The stem wall show may extend above the floor slab height to adjust to the site’s sloping grade. It may also be thickened and notched to allow stone or brick facing.

Overlap splices of wire mesh

Sheathing and siding

Termite shield

0'-0" Floor

6’ Min.

Grade

24’ Min.

8” Min.

8” Min.

16’ Min.

Stud wall

1/2" by 10" anchor bolt

Pressure treated wood plate

1/2" Neoprene, oiled felt or fiberboard expansion joint

Vapor barrier

#10 6x6 wire mesh

Min. 6" clean compacted gravel

#4 Vertical rebar with 4" "L" bend – 36" O.C

8” Min. stem wall – Conc. Or Conc. Filled CMU

#4 Continuous rebars

3”

Bottom of footing must be below the local frost line.

Slope grade away from building on all sides by a minimum of 6” in 10’. Grade and drain as required for no containment of water adjacent to the building.

SECTION – 1” = 1'-0"

CONCRETE FROST WALL FOUNDATION

This foundation is intended for use in all areas where ground frost penetration is greater than 12" below grade, where floating slabs are not permitted by code, and on sites with sloping grade.