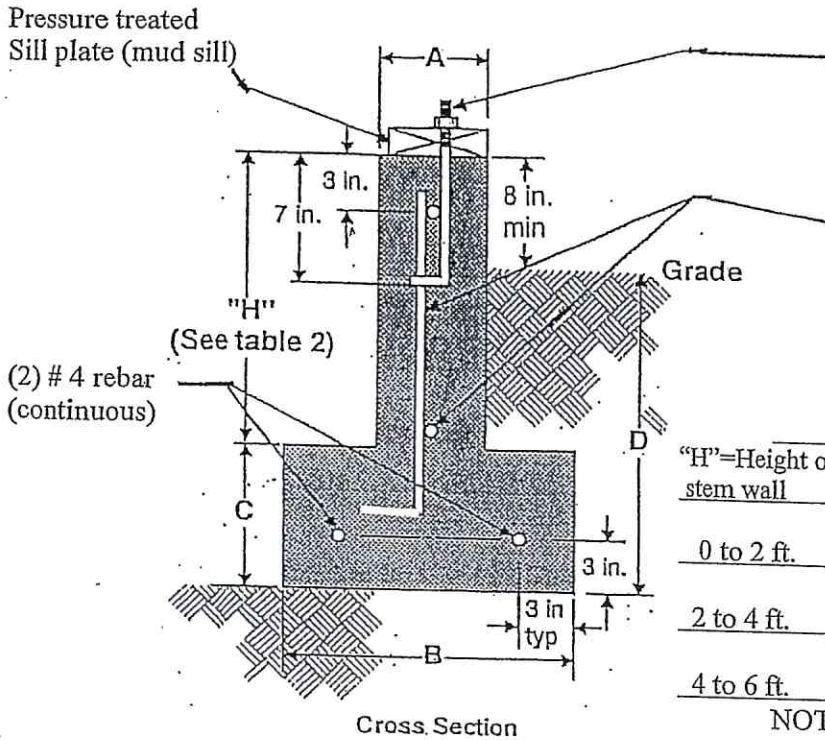


EXTERIOR FOUNDATION, FOOTING & STEM WALL



1/2" dia. X 10" long anchor bolt with nut and washer (washer size must be 2"x2"x3/16") @ 6ft. o.c.
 NOTE: Anchors shall start within 1 ft. of corners.
 No segment of mud sill shall have less than two Anchors.

See Table 2 for rebar schedule based on dimension "H" (height)

Table 2 Stem wall reinforcement
 (See Basement walls if over 6 ft.)

"H"=Height of stem wall	Vertical rebar	Horizontal rebar (see note)
0 to 2 ft.	#4 @ 6 ft. o.c.	(2) #4
2 to 4 ft.	#4 @ 4 ft. o.c.	(3) #4 evenly spaced
4 to 6 ft.	#4 @ 2 ft. o.c.	(4) #4 evenly spaced

NOTE: All Horizontal rebar runs shall be continuous
 And splices shall overlap a min. of 12 inches.
 No rebar shall be in contact with earth!

Table 1

Dimension	A	B	C	D
No. of Stories	Thickness of foundation wall	Width of footing	Thickness of footing	Depth of footing below grade
1	6	12	6	12
2	8	15	7	18
3	10	18	8	24

Fill soils that support footings and foundations shall be designed, installed and tested in accordance with accepted engineering practice and shall include documented load bearing values. A professional engineer licensed in the State of Washington shall perform the geotechnical evaluation.

Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection so as to not create a hazard. Lots shall be graded so as to drain surface water away from foundation walls. The grade away from foundation walls shall fall a minimum of 6 inches within the first 10 feet.

Exception: Where lot lines, walls, slopes or other physical barriers prohibit 6 inches of fall within 10 feet, drains or swales shall be provided to ensure drainage away from the structure.