

Revised Foundation Table that will appear in the 2010 NBCC, Part 9

Table 9.15.4.2.?
Reinforced Concrete Block Foundation Walls
Foundation Wall Laterally Supported at Top⁽¹⁾

Maximum Height of Finished Ground Above Basement Floor or Crawl Space Ground Cover, m	190 mm Minimum Wall Thickness			240 mm Minimum Wall Thickness		
	<i>Foundation Wall Height</i>			<i>Foundation Wall Height</i>		
	Continuous Vertical Reinforcement			Continuous Vertical Reinforcement		
	2.5 m	2.75 m	3.0 m	2.5 m	2.75 m	3.0 m
0.8	(2)	(2)	(2)	(2)	(2)	(2)
1.0	(2)	1-15M at 1800 o.c.	1-15M at 1800 o.c.	(2)	(2)	(2)
1.2	(2)	1-15M at 1600 o.c.	1-15M at 1600 o.c.	(2)	1-20M at 2000 o.c.	1-20M at 2000 o.c.
1.4	1-15M at 1600 o.c.	1-15M at 1600 o.c.	1-15M at 1600 o.c.	(2)	1-20M at 1800 o.c.	1-20M at 1800 o.c.
1.6	1-15M at 1400 o.c.	1-15M at 1400 o.c.	1-15M at 1400 o.c.	(2)	1-20M at 1600 o.c.	1-20M at 1600 o.c.
1.8	1-15M at 1400 o.c.	1-15M at 1400 o.c.	1-15M at 1200 o.c.	(2)	1-20M at 1600 o.c.	1-20M at 1600 o.c.
2.0	1-15M at 1200 o.c.	1-15M at 1000 o.c. or 1-20M at 1200 o.c.	2-15M at 1200 o.c.	1-20M at 1600 o.c.	1-20M at 1600 o.c.	1-20M at 1600 o.c.
2.2	2-15M at 1200 o.c.	2-15M at 1000 o.c.	2-15M at 1000 o.c.	1-20M at 1400 o.c.	1-20M at 1400 o.c.	1-20M at 1400 o.c.
2.4	2-15M at 1000 o.c.	2-15M at 1000 o.c.	2-15M at 800 o.c.	1-20M at 1400 o.c.	1-20M at 1400 o.c.	1-20M at 1200 o.c.
2.6	n/a	2-15M at 800 o.c. or 1-25M at 1000 o.c.	2-15M at 800 o.c. or 1-25M at 1000 o.c.	n/a	1-20M at 1000 o.c.	1-20M at 1000 o.c.
2.8	n/a	n/a	1-20M at 600 o.c.	n/a	n/a	1-20M at 800 o.c. or 2-15M at 1000 o.c.
3.0	n/a	n/a	1-20M at 400 o.c. or 1-25M at 600 o.c.	n/a	n/a	2-15M at 800 o.c.

- (1) See Article 9.15.4.3.
 (2) No reinforcement required.

Note that Part 9 limits backfill height to 150 mm below T/O foundation?