

**Table 9.15.4.2.B.**  
**Reinforced Concrete Block Foundation Walls**  
 Forming Part of Sentence 9.15.4.2.(4)

Minimum Wall Thickness, mm	Maximum Height of Finished Ground Above <i>Basement</i> Floor or Crawl Space Ground Cover, m	Foundation Wall Laterally Unsupported at Top <sup>(1)</sup>		Foundation Wall Laterally Supported at Top <sup>(1)</sup>	
		Continuous Vertical Reinforcement		Continuous Vertical Reinforcement	
		Minimum Bar Size	Maximum Bar Spacing, m	Minimum Bar Size	Maximum Bar Spacing, m
190	1.0	25M	1.2	(2)	(2)
	1.2	25M	1.2	(2)	(2)
	1.4	25M	1.2	15M	1.2
	1.6	25M	0.8	15M	1.2
	1.8	25M	0.6	20M	1.2
	2.0	25M	0.4	20M	1.2
	2.2	(3)	(3)	25M	1.2
	2.4	(3)	(3)	25M	1.2
240	1.4	25M	1.0	(2)	(2)
	1.6	25M	1.0	(2)	(2)
	1.8	25M	0.8	(2)	(2)
	2.0	25M	0.8	20M	1.8
	2.2	25M	0.8	25M	1.8
	2.4	25M	0.6	25M	1.8

**Notes to Table 9.15.4.2.B.:**

(1) See Article 9.15.4.3.

(2) No reinforcement required.

(3) Design to Part 4.

**5)** For concrete block walls required to be reinforced, continuous vertical reinforcement shall

- be provided at wall corners, wall ends, wall intersections, at changes in wall height, at the jambs of all openings and at movement joints,
- extend from the top of the footing to the top of the *foundation* wall,
- where *foundation* walls are unsupported at the top, have not less than 600 mm embedment into the footing, and
- where *foundation* walls are laterally supported at the top, have not less than 50 mm embedment into the footing, if the floor slab does not provide lateral support at the wall base.

**6)** Where *foundation* walls are laterally unsupported, the footing shall be designed according to Part 4 to resist overturning and sliding, if the maximum height of finished ground above the *basement* floor or crawl space ground cover exceeds 1.50 m.

**7)** At the base of concrete block walls required to be reinforced and where the height of finished ground above the *basement* floor or crawl space ground cover exceeds 2.0 m, not less than one 15M intermediate vertical bar reinforcement shall be installed midway between adjacent continuous vertical reinforcement, and shall

- extend to not less than 600 mm above the top of the footing, and
- have not less than 50 mm embedment into the footing, if the floor slab does not provide lateral support at the wall base.