

BUILDBLOCK® BUILDING SYSTEMS CANADIAN ENGINEERING TABLES

METRIC STEEL / METRIC SPACING

Wall Height	Backfill Height		Without Brick Ledge	
	(ft)	(m)	150 mm Walls	200 mm Walls
8'-0" 2.44 m	4'-6"	1.35	10M@300	not required
	5'-3"	1.60	10M@300	not required
	6'-6"	2.00	10M@300	not required
	7'-3"	2.20	15M@450	not required
9'-0" 2.75 m	4'-6"	1.35	10M@300	not required
	5'-3"	1.60	10M@300	not required
	6'-6"	2.00	10M@300	not required
	7'-3"	2.20	15M@450	10M@300
	7'-9"	2.35	15M@450	10M@300
	8'-6"	2.60	15M@450	10M@300
10'-0" 3 m	4'-6"	1.35	10M@300	not required
	5'-3"	1.60	10M@300	not required
	6'-6"	2.00	10M@300	not required
	7'-3"	2.20	15M@450	10M@300
	7'-9"	2.35	15M@450	10M@300
	8'-6"	2.60	15M@450	15M@300
	9'-4"	2.85	15M@300	15M@300

Notes:

Table based on NBC/OBC 9.15.4.5. Conditions of 9.15 apply.
Provide vertical reinforcement shown for selected wall height and backfill height.
Provide horizontal reinforcement 10M@405 for all walls.



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Below Grade 150mm and 200mm Walls - Vertical Reinforcement Based on NBC / OBC 9.15.4.5 Without Brick Ledge

TABLE NUMBER

5-B