

# BUILDBLOCK® BUILDING SYSTEMS CANADIAN ENGINEERING TABLES

## METRIC STEEL / METRIC SPACING / KN/m

Opening width (mm)	5 (340 lb/ft)		10 (680 lb/ft)		15 (1020 lb/ft)		20 (1360 lb/sf)		25 (1700 lb/ft)		30 (2040 lb/ft)	
	Bottom steel	Stirrup end distance (mm)	Bottom steel	Stirrup end distance (mm)	Bottom steel	Stirrup end distance (mm)	Bottom steel	Stirrup end distance (mm)	Bottom steel	Stirrup end distance (mm)	Bottom steel	Stirrup end distance (mm)
1000	1-15M		1-15M		1-15M		1-15M		1-15M		1-15M	
1500	1-15M		1-15M		1-15M		1-15M		1-15M		1-15M	30
2000	1-15M		1-15M		1-15M		1-15M		1-15M	140	1-15M	280
2500	1-15M		1-15M		1-15M		1-15M	180	1-15M	390	1-15M	530
3000	1-15M		1-15M	70	1-15M		1-15M	430	1-20M	640	1-20M	780
3500	1-15M		1-15M	320	1-15M		1-20M	680	2-15M	890	2-15M	1030
4000	1-15M		1-15M	570	1-20M		2-15M	930	1-25M	1140	1-25M	1280
4500	1-15M		1-15M	100	1-20M		1-25M	1180	2-20M	1390	2-25M	1530
5000	1-15M		1-20M	350	2-15M		2-20M	1430	2-25M	1640	2-25M	1780

**Notes:**

Table 4-B is based on the following assumptions:

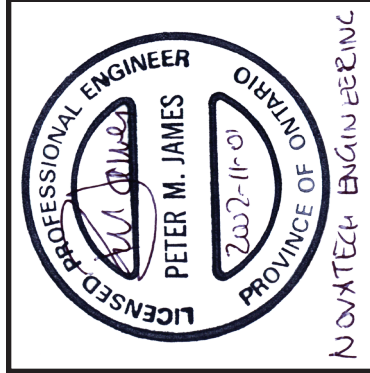
The factored uniformly distributed load includes live and dead loads


The minimum height of the lintel is 400 mm above the bottom steel

The bottom steel has a minimum 50 mm cover and extends 300 mm into the wall at each support

Stirrups are single leg 10M bars with 180° top & bottom hooks

Stirrups are spaced at 200 mm on centre starting at each support for a distance of "Stirrup end distance" from each support





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Minimum Steel Reinforcement for Lintels in 200mm (8") Walls

TABLE NUMBER  
**4-B**