

# 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	110	1-15M	210
2000	1-15M		1-15M		1-15M		1-15M	200	1-15M	360	1-15M	460
2500	1-15M		1-15M		1-15M	180	1-15M	450	1-15M	610	1-15M	710
3000	1-15M		1-15M		1-15M	430	1-15M	700	1-20M	860	1-20M	960
3500	1-15M		1-15M	140	1-15M	680	1-20M	950	1-25M	1110	2-15M	1210
4000	1-15M		1-15M	390	1-20M	930	2-15M	1200	1-25M	1360	2-20M	1460
4500	1-15M		1-15M	640	2-15M	1180	1-25M	1450	2-20M	1610	2-25M	1710
5000	1-15M		1-20M	890	2-15M	1430	2-20M	1700	2-25M	1860	2-25M	1960

**Notes:**

Table 4-A is based on the following assumptions:

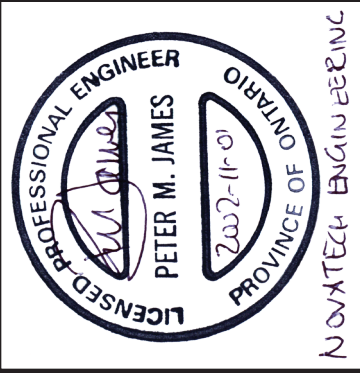
The factored uniformly distributed load includes live and dead loads


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 150mm (6") Walls

TABLE NUMBER  
**4-A**