

# BUILDBLOCK® BUILDING SYSTEMS CANADIAN ENGINEERING TABLES

## IMPERIAL STEEL / IMPERIAL SPACING

Wall Height	4" Walls Seismic Zones 0 - 4		6" & 8" Walls All Seismic Zones	
	Vertical	Horizontal	Vertical	Horizontal
8' Max 25% openings	#4 @ 12"	#4 @ 16"	#4 @ 12"	#5 @ 16"
8' Max 50% openings	#4 @ 6"	#4 @ 16"	#4 @ 12"	#5 @ 16"
10' Max 25% openings	#4 @ 6"	#4 @ 16"	#4 @ 12"	#5 @ 16"
12' Max 25% openings	NA	NA	#4 @ 12"	#5 @ 16"
12' Max 50% openings	NA	NA	#5 @ 18"	#5 @ 16"

Notes:

Table 3-C is based on the following assumptions:

Loads: wind, seismic, and gravity  
 Snow load: 1.9 kPa  
 Floor load: 1.9 kPa  
 Concrete: f'c at 28 days 20 MPa  
 Reinforcement: fy 400 MPa  
 Wall Openings: 2-15M all around



NOVATECH ENGINEERING



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Reinforcement in Above  
Grade 4", 6", and 8" Walls  
NBC 1995 / OBC 1997

TABLE NUMBER

# 3-C