

# BUILDBLOCK® BUILDING SYSTEMS CANADIAN ENGINEERING TABLES

## 6" Foundation Walls - No Brick Veneer (By PGA values)

Height Of Wall	Depth Of BackFill	PGA=0.036	PGA = 0.15	PGA = 0.25	PGA = 0.40	PGA = 0.50	PGA = 0.61
2.44	1.22	10M@400	10M@400	10M@400	10M@400	10M@400	10M@400
	1.53	10M@400	10M@400	10M@400	10M@400	10M@400	10M@300
	1.83	10M@400	10M@400	10M@400	10M@300	10M@250	10M@200
	2.14	10M@300	10M@300	10M@300	10M@200	10M@200	15M@300
3.05	1.22	10M@400	10M@400	10M@400	10M@400	10M@400	10M@400
	1.53	10M@400	10M@400	10M@400	10M@300	10M@300	10M@250
	1.83	10M@400	10M@400	10M@300	10M@250	10M@200	15M@300
	2.14	10M@250	10M@250	10M@200	15M@300	15M@300	15M@250
	2.44	10M@200	10M@200	15M@300	15M@250	15M@200	15M@150
	2.75	15M@300	15M@300	15M@250	15M@200	15M@150	15M@150
3.66	1.22	10M@400	10M@400	10M@400	10M@400	10M@400	10M@400
	1.53	10M@400	10M@400	10M@400	10M@300	10M@300	10M@250
	1.83	10M@300	10M@300	10M@300	10M@200	15M@300	15M@300
	2.14	10M@250	10M@250	10M@200	15M@300	15M@250	15M@200
	2.44	15M@300	15M@300	15M@250	15M@200	15M@150	15M@150
	2.75	15M@250	15M@250	15M@200	15M@150	15M@100	15M@100
	3.05	15M@200	15M@200	15M@150	15M@100	15M@100	N A
	3.36	15M@150	15M@150	15M@100	15M@95	N A	N A

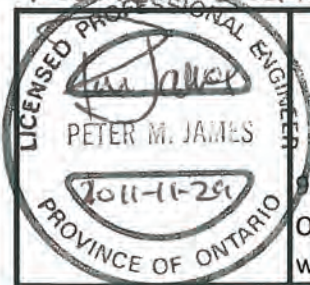
N A      This combination of height and backfill exceeds max capacity of wall

**Notes:**

Vertical Reinforcement                      As shown for selected wall height and backfill depth  
 Install with 30 mm cover to inside face of wall

Horizontal Reinforcement                    15M@410 - All locations, all wall heights

~~NOVATECH ENGINEERING CONSULTANTS LTD~~



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Wall Reinforcement  
 6" Foundation Walls  
 No Brick Veneer  
 (By PGA Values)

Table                      6 - A2