

BUILDBLOCK® BUILDING SYSTEMS CANADIAN ENGINEERING TABLES

6" Foundation Walls - With 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@300
	1.53	10M@400	10M@400	10M@400	10M@300	10M@250	10M@250
	1.83	10M@300	10M@300	10M@300	10M@200	10M@200	15M@300
	2.14	10M@250	10M@250	10M@200	15M@300	15M@300	15M@300
3.05	1.22	10M@400	10M@400	10M@400	10M@400	10M@300	10M@300
	1.53	10M@300	10M@300	10M@300	10M@250	10M@250	10M@200
	1.83	10M@250	10M@250	10M@250	10M@200	15M@300	15M@300
	2.14	10M@200	10M@200	15M@300	15M@300	15M@250	15M@200
	2.44	15M@300	15M@300	15M@300	15M@200	15M@200	15M@150
	2.75	15M@250	15M@250	15M@200	15M@150	15M@150	15M@100
3.66	1.22	10M@400	10M@400	10M@400	10M@400	10M@300	10M@300
	1.53	10M@300	10M@300	10M@300	10M@250	10M@200	10M@200
	1.83	10M@250	10M@250	10M@200	15M@300	15M@300	15M@250
	2.14	15M@300	15M@300	15M@300	15M@250	15M@200	15M@150
	2.44	15M@250	15M@250	15M@250	15M@150	15M@150	15M@100
	2.75	15M@200	15M@200	15M@150	15M@100	15M@100	15M@95
	3.05	15M@150	15M@150	15M@150	15M@100	N A	N A
	3.36	15M@100	15M@100	15M@100	N A	N A	N A

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

Notes:

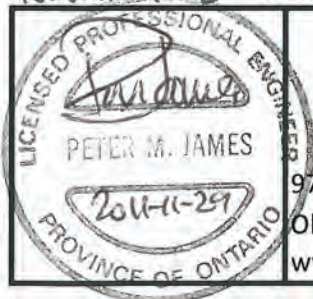
Vertical Reinforcement

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



9705 N. Broadway Ext. Suite 200
Oklahoma City, OK 73114
www.buildblock.com

Office: (405) 840-3386
Fax: (831) 597-0792

Wall Reinforcement
6" Foundation Walls
With Brick Veneer
(By PGA Values)

Table 6 - B2