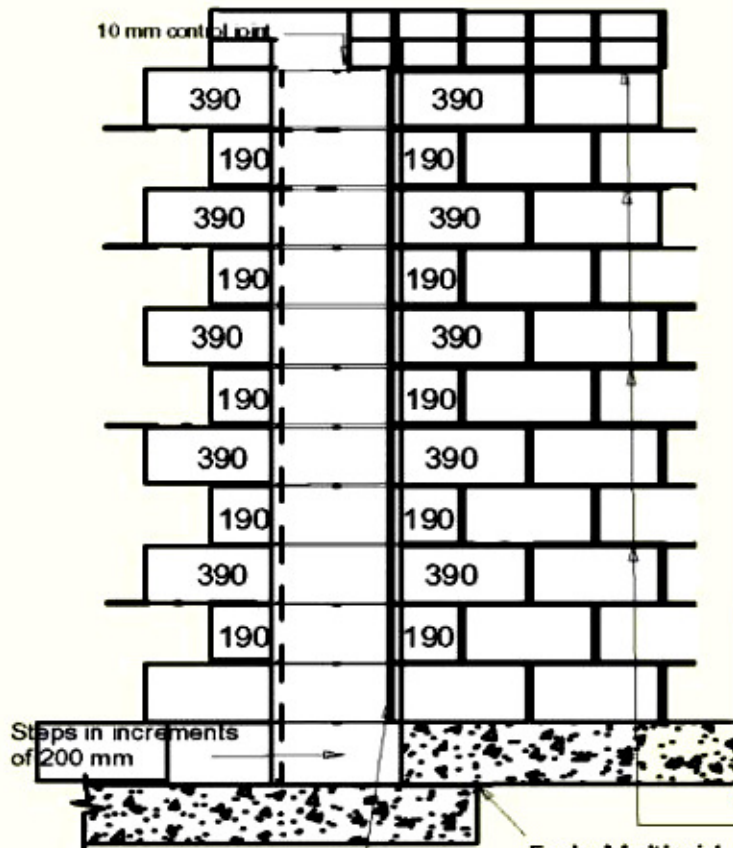


# BOUNDARY WALL DESIGN

The maximum height of the wall is determined by the size and spacing of the piers. Walls that have reinforcement can be thinner and the piers can be smaller and spaced further apart.



## REINFORCED PIER WALLS

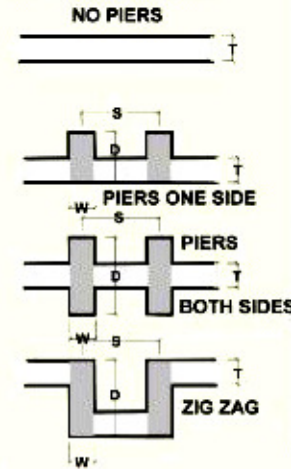


Form joint with 10 mm Sagex or similar on one side of Pier Block.

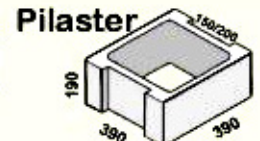
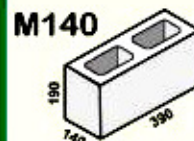
5 ply Malthoid or similar approved

## UN-REINFORCED WALLS

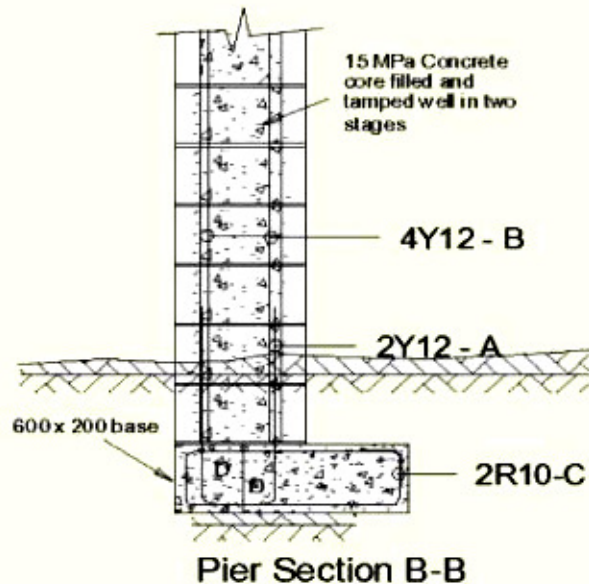
- NOTE
1. No earth to be retained by walls
  2. Piers to top of wall without reduction in size
  3. Walls must end in a pier or return
  4. All blocks must be solid or filled



BLOCK TYPE (T)	MAXIMUM HEIGHT	PIER D x W	SPACING S
M90 M140 M190	900 1300 1500	-	-
M90 M140 M190	1500 1700 2000	390x390 540x390 590x390	1600 2800 2800
M90 M140 M190	1500 1600 1800	490x390 540x390 590x390	1400 2200 2800
M90 M140 M190	1800 2000 2500	390x90 390x140 590x190	1200 2000 3000



160 mm wide (for 190 wall) or 110 mm wide (for 140 wall)  
3.55 mm thick Galvanized Blockforce in straight lengths, to be lapped 600 where required.



Reinforcing per Panel				
No.	Mark	Dia.	Length	Bending
2	A	Y12	1550	190  700
4	B	Y12	1900	Straight
2	C	R10	1650	120  520
4	D	Y12	500	Straight



Concrete Base : 700 x 230  
Wall with "Pilaster Block"  
Standard Panel 5 190 c/c  
of Pilaster Block piers.