



10mm SOFTBOARD  
EXPANSION JOINT  
AT PIERS AT 3.2m c/c

3200  
2760  
220 220

220  
440  
600  
200

1.2mm x 30mm x 1000mm  
HOOP-IRON STRAP  
FIXED TO BRICKWORK  
BETWEEN EVERY  
3rd COURSE OF BRICKWORK

600W x 200D STRIP  
FOUNDATION (20MPa)

200 440 200  
840 2380 200 440 200  
840

600W x 440mm BRICK PIERS  
MAX 3200mm c/c

1.2mm x 30mm x 380mm  
HOOP-IRON STRAP  
FIXED TO BRICKWORK  
BETWEEN EVERY  
3rd COURSE OF BRICKWORK

MEMBER	REINFORCEMENT						BENDING DIMENSIONS					
	Type No. Off	Size Dia	Mark	No in Each	Total No	Length mm	Shape Code	A mm	B mm	C mm	D mm	E/R mm
BOUNDARY WALL STRIP FOOTINGS (200x600W)	88	Y12	01	4	352	6500	20					
		Y10	02	12	1056	500	20					
PIER FOUNDATION	165	Y12	03	1	165	740	20					
		Y10	04	2	330	760	20					

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### GENERAL NOTES

1. All work to be in accordance with the NATIONAL BUILDING REGULATIONS and STANDARDS ACT No. 103 of 1977
2. All drawings to be read in conjunction with the Architect's relevant drawings.
3. All dimensions to be checked on site and any discrepancies to be reported before construction commences.
4. No concrete to be poured without the Engineer's consent.
5. No structural alterations to be made without amended drawings.
6. TD = To detail, INV = Inverted, TAD = To arch detail.
7. Sleeves and ducts must be provided for all pipes and services.

**NOTES ON FOUNDATION CONSTRUCTION**

1. Foundations are subject to alterations as excavations proceed.
2. No foundations are to be cast until excavations have been approved.
3. A 50mm thick blinding layer of 1:3:6 conc. to be cast in all foundations excavated. This 50mm thick layer is not included in the thickness of foundations shown on drawing.

**NOTES ON R.C. CONSTRUCTION**

1. The Contractor is to maintain the reinforcing steel in the correct position.
2. Minimum cover to steel reinforcing: Slabs: 30mm  
Beams: 30mm Columns: 40mm Foundations: 50mm
3. Concrete or Tile spacer blocks to be used to maintain adequate cover.
4. The contractor is to arrange for cube crushing tests to be as and when requested by the engineer.
5. Breaks in concrete are only to be made where approved by the engineer.

6. Beam depth given first and includes slab thickness.
7. Concrete works cube strength is at 28 days to be as follows:  
Foundations, Beams & Slabs, Pile Caps, Columns: 30 MPa  
unless stated otherwise on the R.C. drawing.
8. All concrete to be machine mixed, vibrated and damp cure.
9. Reinforcement is listed elsewhere on bending schedules.
10. All reinforcement must be inspected by the engineer prior to pouring concrete.

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