

BUILD YOUR OWN CLAY BRICK CHANGE ROOM



MATERIALS AND QUANTITIES

A. FOUNDATIONS	0.43m ³
1. Stone	0.32m ³
2. Sand	0.22m ³
3. Cement	2½ pockets

B. CLAY BRICK WALLS	
1. Clay Bricks	1050
2. Building Sand	1.05m ³
3. Cement	5 ¼ pockets

C. EARTHFILLING

D-E. CLAY BRICK PAVING	
Clay Pavers	180

F. GRILLE BLOCKS	24
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INSTRUCTIONS

Study Instructions and Drawings before starting. It is recommended this project be undertaken with previous building experience only.

- Foundations 'A'** 300mm (w) x 150mm (h)
Set out foundation lines 300mm apart. The outer foundation dimensions for the:

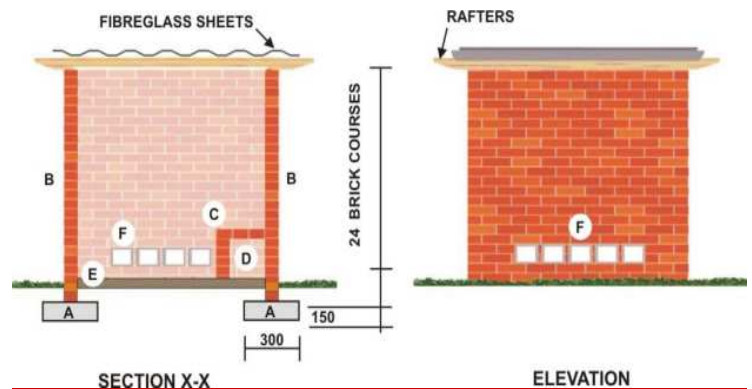
9½ brick-long wall	= 2.400m
11½ brick-long wall	= 2.880m
3-brick-long wing wall	= 0.850m.

The size of the change room can be altered, but suggest that dimensions equal brick sizes to avoid cutting.

- Excavation**
Excavate to depth of 300mm.

- Concreting 'A'**
Cast concrete foundations to height of 150mm.

- Bricklaying 'B'**
Mark out brick lines on the foundations and lay three courses of Clay Bricks. Lay the grille blocks on top of the floor level and build the walls.



5. Wire Ties

At the 18th course above floor level, build in six wire ties at the points where the wall and rafters meet, in order to tie the rafters down. The ties can protrude through the brick perforations.

6. Clay Brick Seat 'C'

Cast a small foundation 150mm (w) x 75mm (h) for the Clay Brick wall seat. Build the wall and when bricks are set, fill cavity 'D' with soil and ram firmly. Now lay the bricks on the edge to complete the seat.

7. Floor Paving 'E'

Prepare the ground and lay the paving.

8. Roofing

Set rafters into position and strap around firmly with wire ties. Now lay the overlapping fibreglass sheets and make the necessary adjustments to centralise the sheets over the walls. Screw sheets into the rafters. Note that the screws must be driven from the top flutes of the sheets.

