

# BUILD YOUR OWN CLAY BRICK WENDY HOUSE & STORE



## MATERIALS AND QUANTITIES

<b>A. FOUNDATIONS</b>	0.40m <sup>3</sup>	<b>B. CLAY BRICK WALLS</b>	15.34m <sup>2</sup>	<b>C. WINDOWS</b>	2
1. Stone	0.30m <sup>3</sup>	1. Clay Bricks	800		
2. Sand	0.21m <sup>3</sup>	2. Building Sand	0.8m <sup>3</sup>		
3. Cement	2½ pockets	3. Cement	4 pockets		
<b>D. DOOR</b>	1	<b>E. CLAY BRICK PAVING</b>	280	<b>F-G. ROOFING</b>	

## INSTRUCTIONS

Study Instructions and Drawings before starting. Previous building experience is recommended for this project.

### 1. Foundations 'A' 300mm (w) x 150mm (h)

Set out foundation lines 300mm apart. The outer foundation dimensions should be 2500mm x 2500mm.

### 2. Excavations

Excavate between lines for a depth of 300mm.

### 3. Concreting 'A'

Cast concrete foundation to height of 150mm.

### 4. Bricklaying 'B'

Mark out wall lines centrally on foundations. Lay 3-courses of Clay Bricks. Set door frame in position and plumb up. Lay another 6-courses of Clay Bricks and set window frames to project over the bricks all round. Support frames with two planks between the ground and frame-tops.

The door and window frames have lugs on the sides that must be built into the walls for stability. When the Clay Bricks are laid to window height, build in wire ties at the junctions of the rafters and walls, so as to strap down the rafters. The junctions are the four corners with two for rafter 'F1'.

The wire ties can protrude through the brick perforations. Lay 4-courses of Clay Bricks over the window, position the two window-wall rafters, 'F' and strap them down with the four ties. Now, establish the apex points 'F1' of the roof.

Nail wood planks vertically onto gable walls (door wall and blank wall) and measure 7-courses of bricks with a gauge rod from the bottom of rafter 'F' to the top centre rafter 'F1'. Now string lines from 'F' to the top of rafters 'F'. These lines are the roof slopes. Build gable walls to follow these lines and position rafter 'F1'.

### 5. Roofing

Lay roofing sheets of your choice.

