BUILD YOUR OWN
CLAY BRICK
WENDY HOUSE & STORE
MATERIALS AND QUANTITIES

A. FOUNDATIONS 0.40m³
   1. Stone 0.30m³
   2. Sand 0.21m³
   3. Cement 2 ⅓ pockets

B. CLAY BRICK WALLS 15.34m²
   1. Clay Bricks 800
   2. Building Sand 0.8m³
   3. Cement 4 pockets

C. WINDOWS 2

D. DOOR 1

E. CLAY BRICK PAVING 280

F-G. ROOFING

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.

Disclaimer: The use of this information is based on recognised principles of design and construction and is at the discretion of the respective builder, contractor and end-user. ClayBrick.org is neither able to warrant the suitability of workmanship and the performance of any building material in a particular environment and does not accept responsibility for any claims arising from this information.