

MANAPPADU VILLAGE AND PANCHAYAT OF UDANGUDI PANCHAYATH UNION, TIRUCHENDUR TALUK, THOOTHUKUDI DISTRICT.

The image contains two architectural drawings of a building.

ELEVATION: This drawing shows the front facade of a building. It features a central entrance with a door and two windows, flanked by two larger windows. Above the entrance is a small balcony or overhang. The building has a flat roof with a parapet wall. The ground level is indicated by 'GL'.

SECTION ON AB: This drawing shows a cross-section of the building. It illustrates the internal structure, including the roof, walls, and floor. The section is labeled with various components: PARAPET WALL, WEATHERING COURSE, R.C.C ROOF, LINTEL, BRICKWORK, FLOORING, SAND FILLING, EARTH FILLING, R.R. MASONRY, and FOUNDATION. The ground level is indicated by 'GL'. Dimensions are provided for the section, including a total height of 4.98, a roof height of 1.22, a wall height of 3.00, and a foundation height of 0.81. The width of the section is 1.00.

Diagram illustrating the cross-section of a brickwork pier. The pier is 0.20m wide and 1.22m high. It is constructed of brick work with holes filled with broken brick and jelly mix. The pier is surrounded by sand filling and a perforated slab. The pier is supported by a P.C.C. in mix 1:5:10. The diagram also shows a circular cross-section of the pier with a 0.46% reinforcement ratio.

Handrail 1m Height

Tread 0.25

Riser 0.18

R.C.C. Waist Slab

STAIR DETAILS

Figure 1 is a cross-sectional diagram of a wall. The wall is composed of several layers. From top to bottom, the layers are: Compound Wall, R.C.C (1:1.5:3) Mix, Sand Filling, P.C.C (1:2:10), Broken Brick & Jelly Filling, and Brick Work With Holes. The dimensions are given in feet and inches. The total height of the wall is 1.52 feet. The height of the Compound Wall is .12 feet. The height of the R.C.C layer is .51 feet. The height of the Sand Filling layer is 1.53 feet. The height of the P.C.C layer is .45 feet. The height of the Broken Brick & Jelly Filling layer is .78 feet. The height of the Brick Work With Holes layer is .45 feet.

FIRST FLOOR PLAN

TOPO PLAN/KEY PLAN(NOT TO SCALE)

The diagram illustrates the structural details of an R.C.C. column. The top part shows a vertical section of the column with a height of 2.00 meters. It features a 10mm diameter rod with 4 hooks at the top, 10mm diameter rods with 2 hooks, and 6mm diameter stirrups. The column is supported by a base with a 15cm concrete layer and a 15cm R.C.C. layer. The bottom part shows a plan view of the column, which is square with a side length of 0.23 x 0.23 meters. It includes 10mm diameter rods with 4 hooks, 10mm diameter rods with 2 hooks, and 6mm diameter stirrups. The plan view also shows a 1.20m x 1.20m square area within the column's footprint.

The technical drawings show the Baffle Wall & Thick section from two perspectives:

- Front View (Top):** Shows a rectangular structure with a central vertical pipe labeled "A.O VENT PIPE". The top surface has a slope of "F.O.G 1:1.6". On the left side, there is an "INLET" with a diameter of "Ø 0.8M Pipe". On the right side, there is an "OUTLET TO CLAMP" with a diameter of "Ø 0.8M Pipe". A "MINI HOLE COVER" is indicated at the top right corner.
- Side View (Bottom):** Shows the profile of the wall with a total width of "0.75". It includes three segments: a left segment of "0.25", a middle segment of "0.25", and a right segment of "0.25". The bottom edge is labeled "F.O.G 1:0.6, 0.15 THICK".

**DETAILS OF COLLECTION SUMP FOR RAIN
WATER HARVESTING OF ROOF TOP RAIN WATER**

- ☐ APPLICANT SITE
- ☐ PROPOSED AREA
- ☐ EXISTING ROAD

	Sq.m	Sq.Ft
SITE AREA (1.83 cent)	74.15	798.10
GROUND FLOOR AREA	55.57	598.15
FIRST FLOOR AREA	7.75	83.42
TOTAL AREA	63.32	681.57
OPEN AREA	18.58	199.95

REQUIRED TWO WHEELER PARKING =1
REQUIRED PARKING
PROVIDED TWO WHEELER PARKING =1

MD	——	MAIN DOOR	1.00x2.10m
D1	——	DOOR	0.91X2.10m
D2	——	DOOR	0.76X2.10m
W	——	WINDOW	1.52X1.52m
W1		WINDOW	1.22X1.52m
V	——	VENTILATOR	0.92X0.61m

6. வினா

R. M. Chandel Jyoti

REGISTERED ENGINEER

ALL DIMENSIONS ARE IN METER (SCALE:1:100 & 1:200)

Signature Not
Verified