

$\rightarrow N$

Diagram illustrating the cross-section of a roof structure, showing the following components and dimensions:

- WEATHERING COURSE**: The topmost layer of the roof.
- PARAPET WALL**: The wall structure on the roof edge.
- WATER TANK**: The structure above the roof slab.
- R.C.C. ROOF SLAB IN C.C. 1:2:4**: The reinforced concrete roof slab.
- BRICK WORK IN CM 1:6**: The brickwork structure below the slab.
- FLOORING IN C.C 1:5:10**: The flooring layer.
- M-SAND FILLING**: The sand filling layer.
- PLINTH BEAM 0.23X0.45**: The beam supporting the structure.

Dimensions (in meters):

- 0.12
- 1.22
- 3.05
- 3.77
- 0.60

VEERAPPAN LAND

GANGACHALAM, BALU, LAKSHMANAN SITE

SUN GLASS

O.H.T ABOVE SCIENTIFICALLY
CLOSED 2.45X3.49X1.22

TO WATER INLET

TO WATER OUTLET

MOTOR

Figure 10.10 shows a cross-section of a column with a base. The column has a diameter of 16mm and is reinforced with 6mm diameter stirrups. The base is 50' (1.52) wide and 60' (1.80) high. The column height is 29' 83" (9.10m). The base is divided into two sections: a top section 1' 6" (0.31m) high and a bottom section 1' 15" (0.31m) high. The base is supported by a foundation.

Diagram illustrating the components and dimensions of a staircase:

- TREAD: 0.27
- HAND RAILS: 0.15
- R.C. WAIST SLAB: 1:2:4
- Overall height: 0.68

The diagram illustrates a soakaway structure. It features a vertical section with the following components and dimensions:

- R.C.C. slab With Manhole Cover:** The top layer of the structure.
- Rain Water:** Indicated by an arrow pointing down into the structure.
- Honeycombed Brick Work:** The main body of the soakaway, with a height dimension of **1.50**.
- Brick Bat Filter Media (with sand):** A layer at the bottom of the brickwork, with a height dimension of **1.0M**.
- P.C.C.:** The base layer, with a thickness dimension of **0.15**.

A cross-sectional diagram of a roof drainage system. At the top, a P.V.C. COWL is connected to a P.V.C. VENT PIPE. Below this, an R.C.C. SLAB is shown with a G.L. (Ground Level) line. An IN-LET pipe enters from the left, and an OUT-LET pipe exits to the right. A Baffle Wall is located between the in-let and out-let pipes. The base of the structure is labeled P.C. 1:5:10. A vertical dimension of 1.82 is indicated on the left side.

PLAN OF SEPTIC TANK



SCHEDULE OF JOINERIES		
TYPE	DESCRIPTION	SIZE
MD	MAIN DOOR	1.22 X 2.13
D	DOOR	0.91 X 2.13
D1	DOOR	0.76 X 2.13
W	WINDOW	1.22 X 1.37
W1	WINDOW	1.22 X 0.90
W2	WINDOW	0.91 X 1.37
V	VENTILATOR	0.90 X 0.60

COLOUR CODE : BUILDING ROAD BOUNDARY		STAIR DETAILS WIDTH - 0.91 TREAD - 0.27 RISE - 0.15
---	--	---

(P.ARIVAZHAGAN.)

10/8/2019

Er.A.Ganapathy,B.Tech,FIIV,C.Engg.,
Govt.Regd.Engineer(RE.Gr.III/05/22)
Chartered Engineer (M-110749/15)
Approved Valuer (CAT-I-F-6977)
4, Periyar Nagar
Kattumannarkoil.9443576912

Er.A.GANAPATHY,B.TECH,FIIV,C.Engg.
Govt.Registered Engineer(RE/Gr.III/005/2022),
Chartered Engineer(M-110749/15),
Approved Valuer(CAT-I-F-6977),
 4,Muthu Vinayagar Street,Periyar Nagar,
 KATTUMANNARKOIL.9443376912 / 9976964704