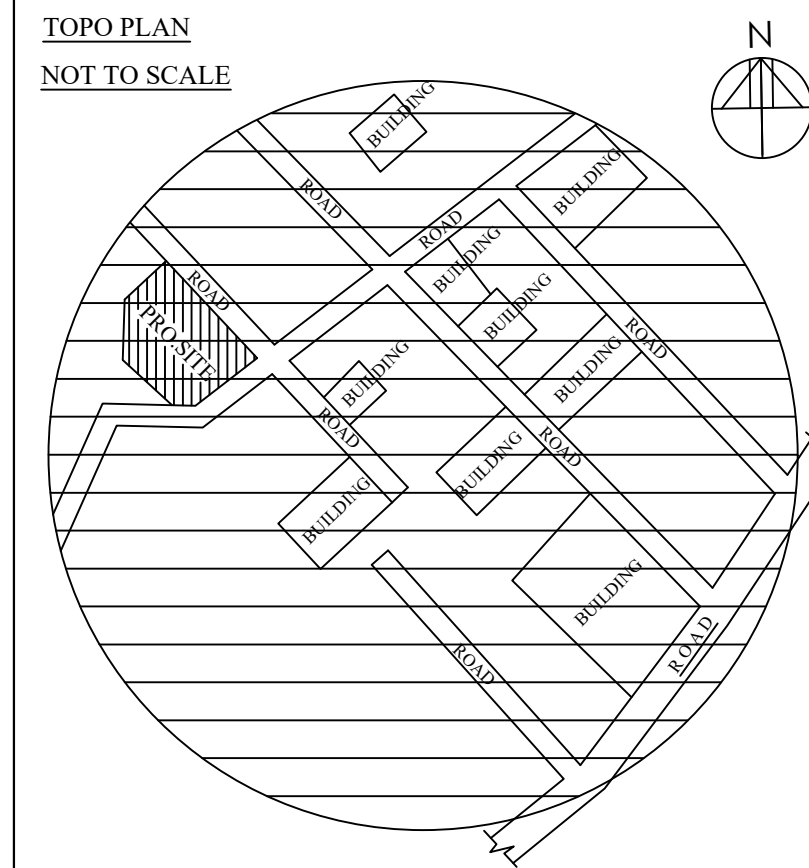


YERCAUD TALUK, YERCAUD SUB REG DT, SALEM EAST REG DISTRICT, SALEM DISTRICT.



(10,000 LT CAPACITY)

SOLAR WATER HEATING

000.00 Litre

CAPACITY IS TO BE PROVIDED

ENERGY CONVERTER

STAND

BED CONCRETE

LONGITUDINAL SECTION

Diagram illustrating the structure of a recharge pit with bore holes. The pit is filled with sand and brick bats. A perforated concrete slab is shown at the top. A bore well, 150 mm to 300 mm in diameter, is shown extending from the bottom of the pit. The depth of the pit is indicated as 1007 (1.00) meters.

Diagram illustrating the construction details of a staircase, showing the relationship between the Tread, Rise, and Hand Railing.

Dimensions and Specifications:

- TREAD: 10" (0.25M)
- RAISE: 7" (0.175M)
- Hand Railing: B.W IN C.M 1:5 R.C.C 1:2:4 MIX WEIGH SLAB 12MM DIA RTS BAR @ 5" C/C
- Width: 30" (0.91M)
- Raise: 07" (0.175M)
- Tread: 10" (0.25M)

Figure 1 consists of two technical drawings of a test rig. The top drawing is a longitudinal section showing the internal components: an inlet chamber, a main hole, a loose down, an outlet, and sand filling. Dimensions include 8(1.33) for the inlet chamber, 106(8.33) for the main hole, and 106(8.33) for the loose down. The bottom drawing is a plan view showing the inlet chamber, outlet, and sand filling. Dimensions include 9(0.23) for the inlet chamber, 9(0.23) for the outlet, and 9(0.23) for the sand filling. The drawings are labeled 'LONGITUDINAL SECTION' and 'PLAN'.

ALL DIMENSIONS ARE IN FEET & METER
SCALE 1 : 100 OR 1" = 8'0"

BOUNDARY SHOWN IN -

BUILDING SHOWN IN -

ROAD SHOWN IN -

S.NO	DESCRIPTION	SIZE IN M
1	MAIN DOOR - MD	1.00 X 2.14
2	DOOR - D	0.91 X 2.14
3	DOOR - D1	0.76 X 2.14
4	WINDOW - W	2.14 X 1.37
5	WINDOW - W1	1.37 X 1.37
6	OPEN - O	0.91 X 2.14
7	VENTILATOR - V	0.91 X 0.76

1.	AREA OF THE SITE	762.54 S.M	8208.00 S.FT
2.	GROUND FLOOR AREA	176.79 S.M	1903.00 S.FT
3.	FIRST FLOOR AREA	73.02 S.M	786.00 S.FT
4.	TOTAL AREA	249.81 S.M	2689.00 S.FT
5.	VACANT AREA	585.75 S.M	6305.00 S.FT

R. G. L.


Dr. J. SANKAR, Ph.D., M.E.(Struc), M.I.S.T.E.,
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