

MACHINERIES				
SL no		QTY.	HP	TOTAL H. P
1	PADDY CLEANER	2	3.00	6.00
2	DE-STONER	1	3.00	3.00
3	RUBBER SHELLER	1	5.00	5.00
4	PADDY SEPARATOR	1	7.50	7.50
5	WHITNER	2	30.00	60.00
6	RICE SHAKER	1	3.00	3.00
7	ELEVATOR	8	1.00	8.00
8	DRYER BLOWER	1	7.50	7.50
9	FEET ROLL	1	1.00	1.00
10	DRYER ELEVATOR	1	5.00	5.00
11	BORE WELL MOTOR	1	5.00	5.00
TOTAL			111.00 HP	

The drawing consists of two parts: a Section view (top) and a Plan view (bottom).

Section View: This cross-section shows the internal structure of the septic tank. It features a brickwork structure with a 1:4 ratio of brick to cement mortar (B:CM 1:4). The base is made of PCC (1:4:8 mix) with a 40 mm thick layer of sand and a 10 mm thick layer of tiles. The walls are 70 mm thick. The bottom is 50 mm thick. An AC cover is shown on top. The total height of the tank is 1.53 m.

Plan View: This top-down view shows the rectangular layout of the septic tank. The overall dimensions are 12'0" (3.66 m) in length and 3'6" (1.07 m) in width. The internal dimensions are 10'0" (3.05 m) in length and 3'0" (0.91 m) in width. The walls are 6" (152 mm) thick. The plan view also shows the location of the AC cover and the inlet/outlet pipes.

MALE WORKERS = 10 NOS
FEMALE WORKERS = 2 NOS
TOTAL WORKERS = 12 NOS

REFERENCE	METER
RS – ROLLING SHUTTER	2.44 x 2.44
D – DOOR	1.00 x 2.44
D1 – FLUSH DOOR	0.91 x 2.44
SD – SLIDING DOOR	2.00 x 2.44
W – GLAZED WINDOW	1.82 x 1.82
V – VENTILATER	1.00 x 1.00

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V – VENTILATER	1.00 x 1.00

Diagram illustrating the cross-section of the foundation and column assembly. The assembly includes:

- STUOL PLATE
- BASE PLATE
- F.L. (Finish Level) at 700
- G.L. (Ground Level) at 400
- M30 FOUNDATION BOLTS
- RCC 1:1.5:3 PEDESTAL
- 8mm Ø Stirrups / Binders @ 200/C/C
- 10mm Ø Vertical @ 150 C/C
- 12mm Ø @ 150 C/C Bothways
- P.C.C 1:4:8 Mix
- SAND FILLING
- RCC RAFT
- Dimensions: 2250 (width), 1500 (length), 150 (height of sand filling), 150 (height of P.C.C mix), 300 (height of RCC raft), 525 (height of pedestal), 900 (height of column), 1500 (height of column).

SECTION ON AB

Diagram illustrating the cross-section of a Rain Water Percolation Bed. The structure is 1.5 M high and 1.0 M wide. It consists of a top layer of Sand Filling, a middle layer of Percolation Bed, and a bottom layer of P.C.C. 1:4:8. The structure is bounded by a Brick Wall 0.12M thick with C.M. 1:6 on the right and a Compound Wall on the left. The bottom is labeled AS PER C.2. OF G.O.(MS) NO:138 DATED 11.10.02. The diagram is titled SECTION OF RAIN WATER PERCOLATION BED.

The top drawing is a plan view of a 'COMPOUND GATE'. It shows a rectangular gate with a central arched section. The gate is flanked by two pillars. The width of the gate is indicated as 7' 0 1/4".

The bottom drawing is a side elevation of a 'SOLAR WATER HEATER'. It shows a horizontal cylindrical tank labeled 'Hot Water Storage Tank 1000 lbs'. The tank is supported by two pillars. A 'Cold water inlet' pipe enters the tank from the left, and a 'Hot water outlet' pipe exits from the right. The tank is 8' 0" long. A 'Water tank' is shown above the inlet pipe. The ground level is marked as 'Floor level'. The height of the tank from the floor level is 2' 0".

AREA DETAILS S.F.NO		
SI NO	S.F.NO	SQ.M
1	497/1A	1250.00
2	497/2	4500.00
3	497/3A	1050.00
4	497/3C	3700.00
	TOTAL	10500.00

PERCOLATION PIT

10500.00

20.00

9.40

85.60

21.20

74.60

104.20

24.00

52.60

7.20

4.80

99.60

S.F.NO: 497/3C

S.F.NO: 497/2

S.F.NO-497/4
6M WIDE ROAD

OLD MUTHAYAMPALAYAM ROAD

SITE PLAN S.F.NO DETAILS
(SCALE 1:800)

N

AMMAPATTI VILLAGE

MAN POWER DETAILS

MALE WORKERS = 10

FEMALE WORKERS = 2

TOTAL WORKERS = 12

SCHEDULE OF JOINERIES:

REFERENCE	MET
RS - ROLLING SHUTTER	2.44 x
D - DOOR	1.00 x
D1 - FLUSH DOOR	0.91 x
SD - SLIDING DOOR	2.00 x
W - GLAZED WINDOW	1.82 x
V - VENTILATER	1.00 x

(DETAILS B)

The site plan shows a proposed site located within the S.F.NO-497/A, B, C, & D sub-division. The plan includes various dimensions and bearings, such as 20.00, 24.05, 45.75, 30.31, 39.51, 42.50, 29.89, 74.60, 2.68, 11.81, 85.60, 10.03, 10.02, 13.44, 24.00, 104.20, 42.22, 52.60, 10.69, 7.20, 4.80, 10.65, 10.60, 10.55, 10.50, 10.45, 10.40, 10.35, 10.30, 10.25, 10.20, 10.15, 10.10, 10.05, 10.00, 9.95, 9.90, 9.85, 9.80, 9.75, 9.70, 9.65, 9.60, 9.55, 9.50, 9.45, 9.40, 9.35, 9.30, 9.25, 9.20, 9.15, 9.10, 9.05, 9.00, 8.95, 8.90, 8.85, 8.80, 8.75, 8.70, 8.65, 8.60, 8.55, 8.50, 8.45, 8.40, 8.35, 8.30, 8.25, 8.20, 8.15, 8.10, 8.05, 8.00, 7.95, 7.90, 7.85, 7.80, 7.75, 7.70, 7.65, 7.60, 7.55, 7.50, 7.45, 7.40, 7.35, 7.30, 7.25, 7.20, 7.15, 7.10, 7.05, 7.00, 6.95, 6.90, 6.85, 6.80, 6.75, 6.70, 6.65, 6.60, 6.55, 6.50, 6.45, 6.40, 6.35, 6.30, 6.25, 6.20, 6.15, 6.10, 6.05, 6.00, 5.95, 5.90, 5.85, 5.80, 5.75, 5.70, 5.65, 5.60, 5.55, 5.50, 5.45, 5.40, 5.35, 5.30, 5.25, 5.20, 5.15, 5.10, 5.05, 5.00, 4.95, 4.90, 4.85, 4.80, 4.75, 4.70, 4.65, 4.60, 4.55, 4.50, 4.45, 4.40, 4.35, 4.30, 4.25, 4.20, 4.15, 4.10, 4.05, 4.00, 3.95, 3.90, 3.85, 3.80, 3.75, 3.70, 3.65, 3.60, 3.55, 3.50, 3.45, 3.40, 3.35, 3.30, 3.25, 3.20, 3.15, 3.10, 3.05, 3.00, 2.95, 2.90, 2.85, 2.80, 2.75, 2.70, 2.65, 2.60, 2.55, 2.50, 2.45, 2.40, 2.35, 2.30, 2.25, 2.20, 2.15, 2.10, 2.05, 2.00, 1.95, 1.90, 1.85, 1.80, 1.75, 1.70, 1.65, 1.60, 1.55, 1.50, 1.45, 1.40, 1.35, 1.30, 1.25, 1.20, 1.15, 1.10, 1.05, 1.00, 0.95, 0.90, 0.85, 0.80, 0.75, 0.70, 0.65, 0.60, 0.55, 0.50, 0.45, 0.40, 0.35, 0.30, 0.25, 0.20, 0.15, 0.10, 0.05, 0.00. The plan is titled 'SITE PLAN (SCALE 1:800)'.

AREA DETAILS	
DESCRIPTION	SQ.M
PLOT AREA AS PER PATTA	10500.00
SUPER IMPOSED PLOT AREA	10499.24
MINIMUM AREA SHOULD BE TAKEN INTO ACCOUNT	

PROPOSED BUILTUP AREA				
S. NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL AREA (SQM)
1)	GROUND FLOOR AREA	867.68	-	867.68
2)	VACANT AREA			9631.56

BOUNDARY SHOWN IN -
 PROPOSED AREA -
 RAIN WATER PERCOLATION BED -
 ROAD - 

APPLICANT	

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Govt. Licensed Surveyor & Engineering Corro-
OTCP - RE/Gr INTLPA/Aug 2019/161,
Thuraiyur Municipality - 08/LS/2019/00012
Mass Construction, 13/127, Trichy Road,
Thuraiyur (Po. & Tk.), Trichy DL - 621 010

Signature Not Verified
Signed by: M. J. Panchiya
President
Location: Tiruchirappalli
Date: 2024.01.24 09:36:51

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