

Architectural section drawing of a building, labeled "SECTION ON "A-B". The drawing shows a cross-section of a three-story building with a basement. The ground level is marked "G.L." on the right. The building has a flat roof and is supported by a foundation. The drawing includes various dimensions: overall height of 1.20m for the roof section, 3.05m for the first floor, 3.05m for the second floor, and 2.10m for the third floor. The total height is 9.40m. The width of the building is 7.00m. The drawing also shows the location of columns and walls, and the placement of windows and doors. The drawing is labeled "SECTION ON "A-B" at the bottom.

Diagram illustrating the dimensions and materials of a staircase:

- Rise 0.18. m
- Tread 0.25 m
- Width of stair 1.00. m
- Brick in C.M 1:6
- Waste slab 0.125. m

A diagram of a solar panel tilted on a stand. Arrows labeled "POWER RADIATION FROM SUN" point towards the panel. The panel is labeled "SOLAR PANEL" and "GLASS". The panel surface is covered with small circles representing solar cells.

11.59

12.21

W2 W2 W1

W1

KITCHEN
3.36 x 4.88

DINNING
2.44 x 3.35

BED
4.88 x 3.35

W1

DRESSING
2.13 x 0.99

TOILET
2.13 x 2.44

LIVING
5.19 x 4.88

STUDY
3.36 x 2.02

UP

FLR_HT_M=3.05

TOILET
2.13 x 1.22

MD

W1 SITOUT
3.97 x 3.05

BED
3.35 x 3.05

W1

W1

FLR_HT_M=3.05

Up

Down

MD

OPEN TERRACE

LIVING
5.19 x 4.88

BED
4.88 x 3.35

DRESSING
2.13 x 0.99

TOILET
2.13 x 2.44

WORK AREA
2.13 x 1.22

Dimensions: 2.67, 5.34, 3.58, 5.34, 8.01, 8.92

The technical drawing illustrates the design of a septic tank with two views: a Section view and a Plan view.

Section View: This view shows the vertical profile of the tank. It includes a manhole cover at the top, a water level indicated by a dashed line, and a sloped bottom with a 1 in 20 gradient. Key dimensions include a total height of 2.40, a water depth of 1.80, and a bottom thickness of 0.45. The ground level (G.L.) is marked on both sides.

Plan View: This view shows the top-down layout of the tank. It features a central rectangular tank with a width of 2.00 and a total length of 3.46. The tank is divided into three equal compartments, each 1.00 wide. Manholes are located at each end, with a diameter of 0.90. The distance from the manhole center to the tank wall is 0.23. A connection to the drainage system is shown on the right side, with a distance of 1.43 from the manhole center to the connection point. The ground level (G.L.) is also indicated on the right side.

G.L.

0.30

0.75

Waste Water from Bath

Sand Filling

Small Pebbles

Large Pebbles

Pure Water

0.10

1.43

0.10

1.43

2.90

0.22

1.43

0.22

R.C.C. 1:2:4

B.W. in C.M. 1:5

Courtesy of Issac

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

TO WATER INLET

TO WATER OUTLET

HEATING

SOLAR WATER HEATING SYSTEM

Property of Paul Suresh

SOLAR SYSTEM

PROPOSED BUILDING G.F.F.

INTERNAL LAYOUT:

- SPRING TANK**
- RWH** (Rooftop Water Holding) **RWH CAPACITY: 1=2000**
- DRUG STORE** (1000x24.00m)
- CARRIAGE** (2.50m x 5.00m)
- CARRIAGE** (2.50m x 5.00m)

EXTERNAL DIMENSIONS AND SETBACKS:

- Top Boundary:** 21.30 (Total), 1.61 (Setback from top boundary), 11.59 (Building width)
- Right Boundary:** 1.75 (Setback from right boundary), 16.50 (Total), 1.50 (Setback from right boundary), 12.21 (Building depth)
- Bottom Boundary:** 11.59 (Building width), 2.98 (Setback from bottom boundary), 20.80 (Total)
- Left Boundary:** 16.00 (Total), 1:5 (Slope), 4.60 (Setback from left boundary), 9.45 (Building width)

INTERNAL DIMENSIONS:

- Width:** 9.45
- Depth:** 12.21
- Setback from Bottom Boundary:** 2.98
- Setback from Right Boundary:** 1.01
- Setback from Top Boundary:** 1.61
- Setback from Left Boundary:** 4.60

PATHWAY

Scale: 1:5

North Arrow: N

PLAN_INFO	P. F. F
WATER_BODIES_BEYOND_15M=NO	TOTAL
RESERVE_FOREST_WOODED_LAND	G. F.
BEYOND_150M=NO	F. F. F
BLDG_LENGTH_MORETHAN_10M=YES	TOTAL
BURIAL_PLACE_BEYOND_90M=NO	VAC
IS_SWIMMING_POOL_EXISTS=NO	FSI :
CRZ=NO	MAIL
SECURITY_ZONE=NO	DOC
SINGLE_FAMILY_BLDG=YES	DOC
RWH_DECLARED=YES	WIN
LAND_USE_ZONE=RESIDENTIAL	WIN
FIRE_PROTECTION_AND_FIRE_SAFETY	VEN
_REQUIREMENTS=NO	Mr
JURISDICTION_TYPE=PANCHAYAT	S/c
OSR_APPLICABLE=NO	KA
PREMIUM_FSI_REQUIRED=NO	KA
IS_APPROVED_LAYOUT=NO	
AREA_TYPE=OTHERS	
IF_HERITAGE_TOWN_LESSTHAN_1KM_RADIUS=NO	
PLOT_AREA_M2=404.70	
AS_AT_SITE=404.88	
FMB_OR_PLR=404.70	
AS_PER_DOCUMENT=404.70	
ACCESS_WIDTH_M=3.00	
ROAD_WIDTH=3	
ROAD_LENGTH=100	
AVG_PLOT_DEPTH=16.07	
AVG_PLOT_WIDTH=24.05	
PATTA_NO=422/15B	
SURVEY_NO=422/15B	
VILLAGE= KAPPIYARAI 'A'	
TALUK=KALKULAM	
DISTRICT=KANNIYAKUMARI DISTRICT	

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