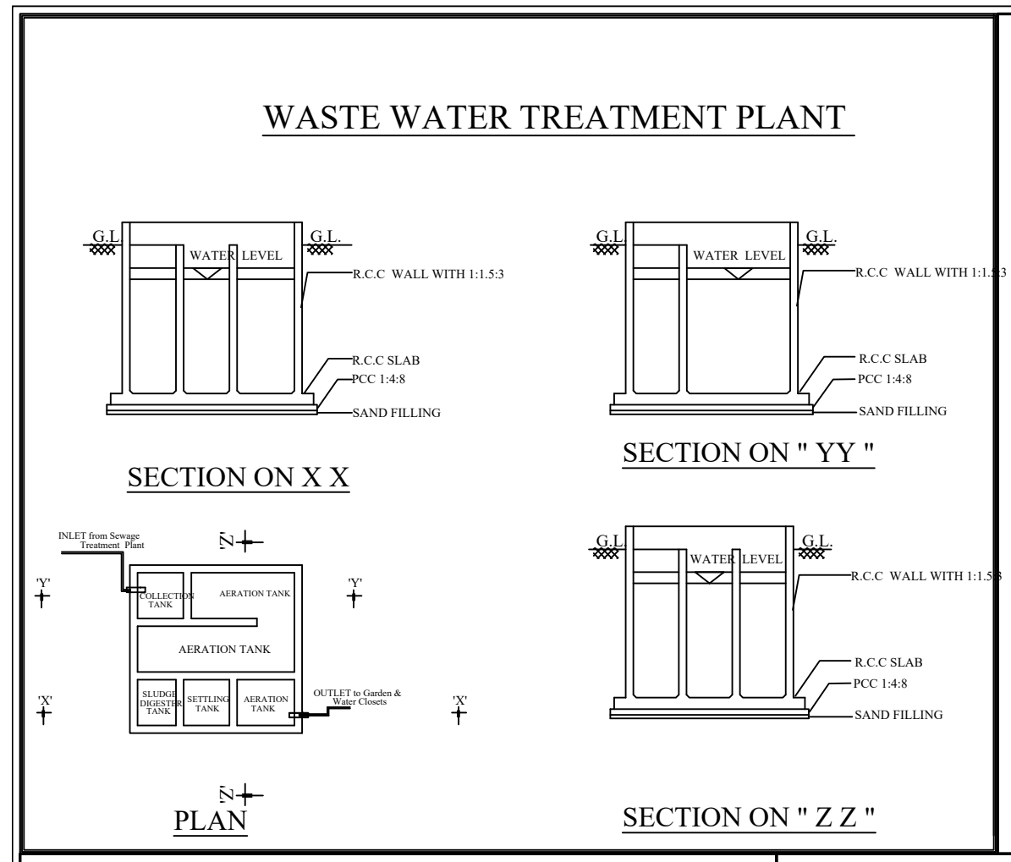
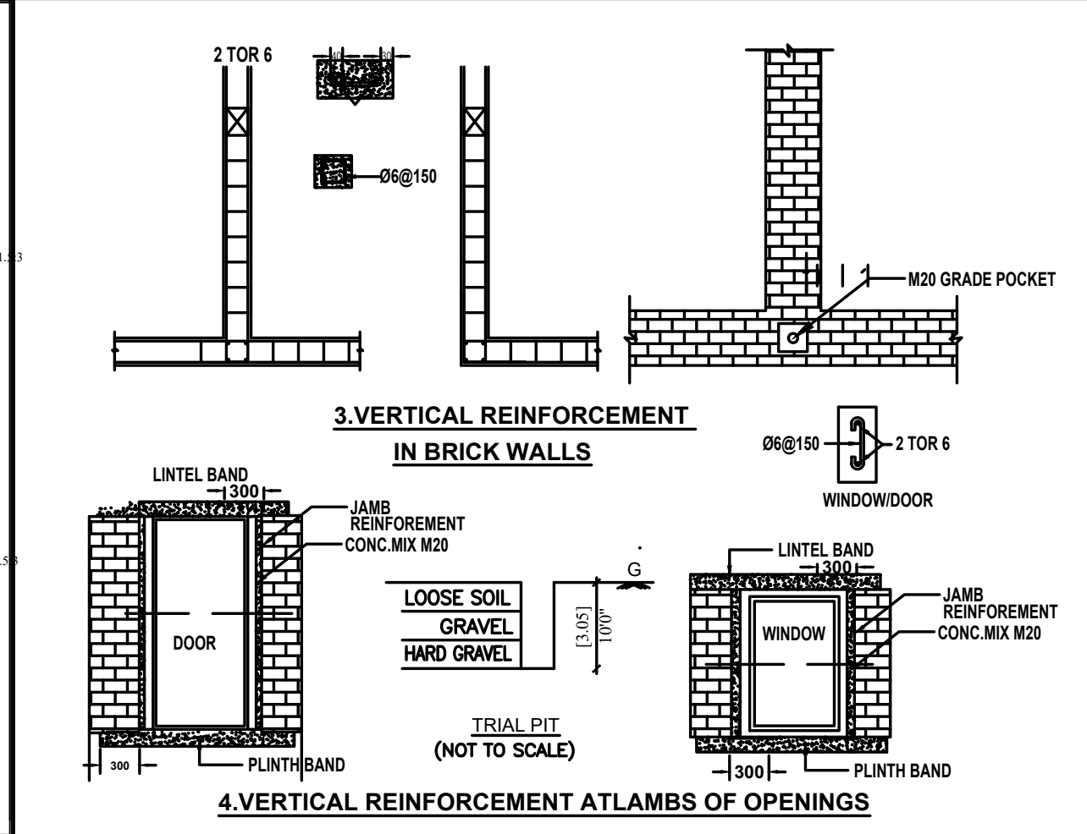
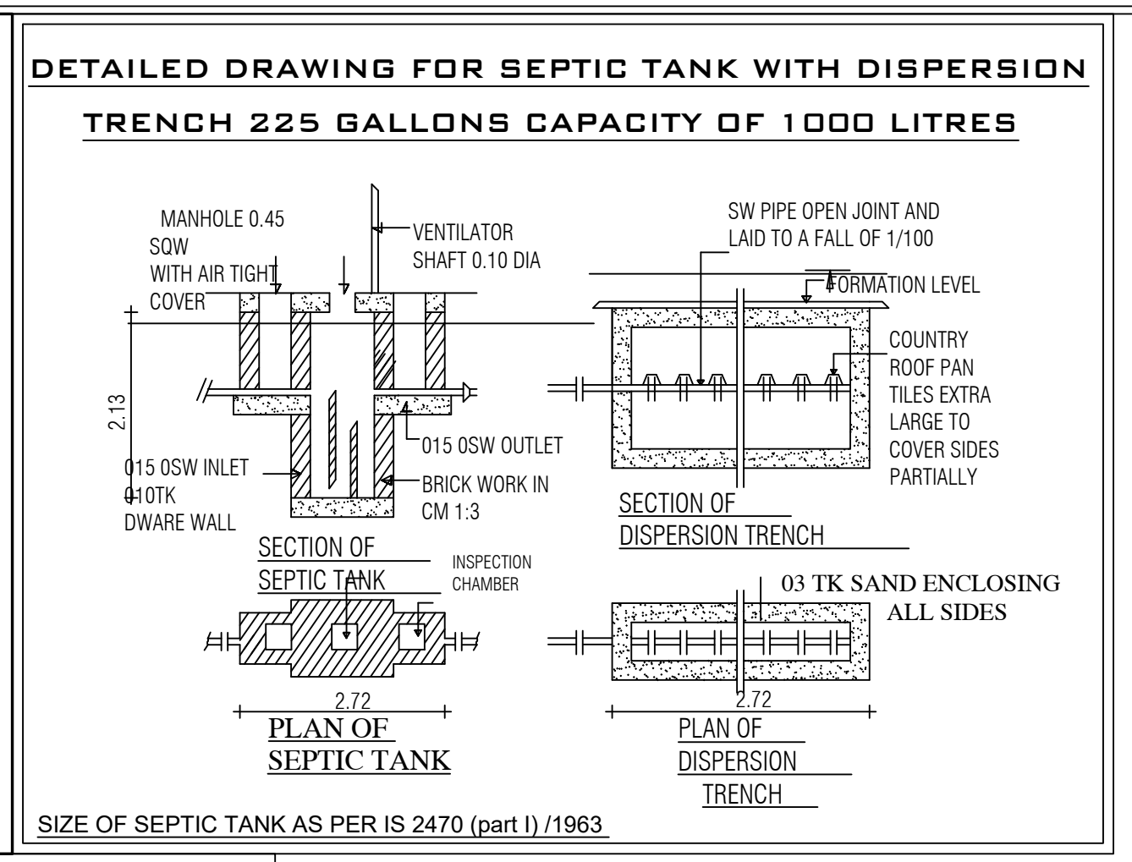
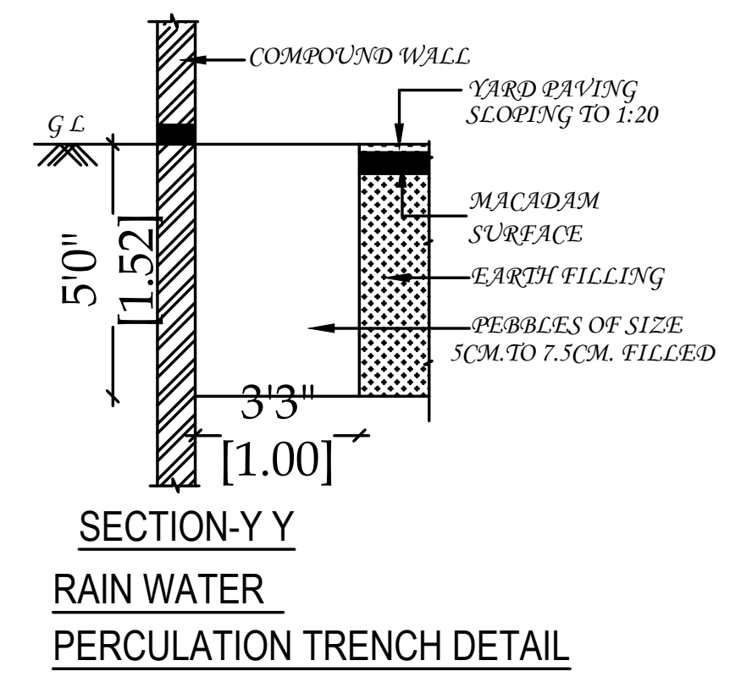
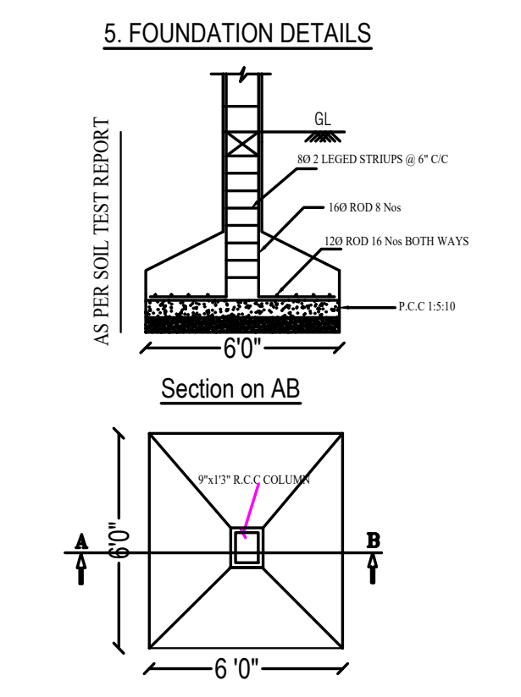
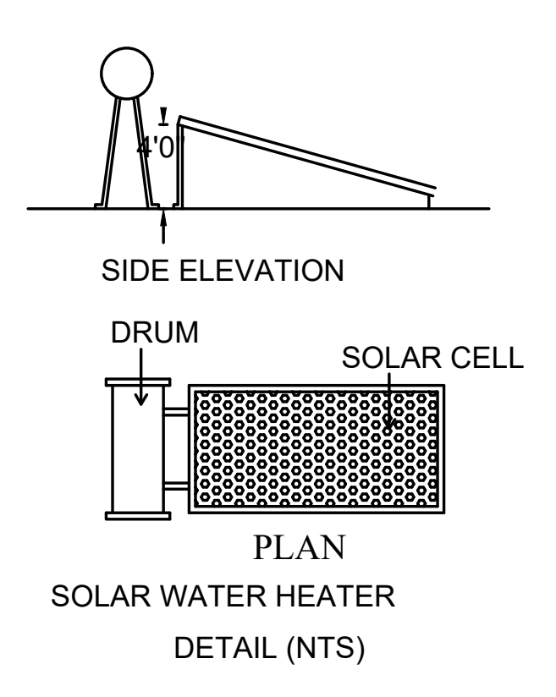

WASTE WATER TREATMENT PLANT
G.L.
WATER LEVEL
R.C.C WALL WITH 1:1.5:3
R.C.C SLAB
PCC 1:4:8
SAND FILLING
SECTION ON X X
SECTION ON " YY "
INLET from Sewage Treatment Plant
COLLECTION TANK
AERATION TANK
SLUDGE DIGESTER TANK
SETTLING TANK
OUTLET to Garden & Water Closets
PLAN
SECTION ON " Z Z "

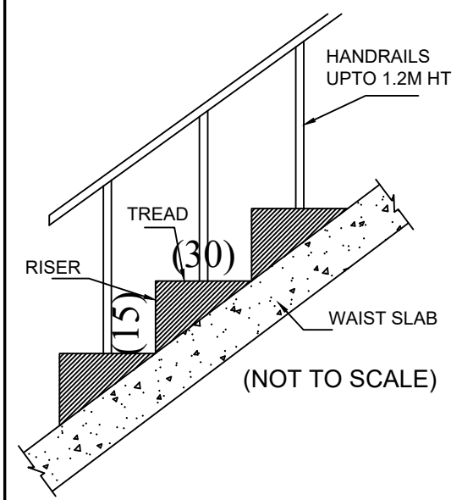

2 TOR 6
Ø6@150
M20 GRADE POCKET
3.VERTICAL REINFORCEMENT IN BRICK WALLS
2 TOR 6
WINDOW/DOOR
LINTEL BAND
300
JAMB REINFORCEMENT CONC.MIX M20
DOOR
PLINTH BAND
LOOSE SOIL
GRAVEL
HARD GRAVEL
TRIAL PIT (NOT TO SCALE)
WINDOW
4.VERTICAL REINFORCEMENT ATLAMBS OF OPENINGS


DETAILED DRAWING FOR SEPTIC TANK WITH DISPERSION TRENCH 225 GALLONS CAPACITY OF 1000 LITRES
MANHOLE 0.45 SQW WITH AIR TIGHT COVER
VENTILATOR SHAFT 0.10 DIA
015 0SW INLET
010TK DWARE WALL
015 0SW OUTLET
BRICK WORK IN CM 1:3
2.13
SECTION OF SEPTIC TANK
INSPECTION CHAMBER
SW PIPE OPEN JOINT AND LAID TO A FALL OF 1/100
FORMATION LEVEL
COUNTRY ROOF PAN TILES EXTRA LARGE TO COVER SIDES PARTIALLY
SECTION OF DISPERSION TRENCH
03 TK SAND ENCLOSING ALL SIDES
2.72
PLAN OF SEPTIC TANK
PLAN OF DISPERSION TRENCH
SIZE OF SEPTIC TANK AS PER IS 2470 (part I) /1963


COMPOUND WALL
YARD PAVING SLOPING TO 1:20
G L
MACADAM SURFACE
EARTH FILLING
PEBBLES OF SIZE 5CM.TO 7.5CM. FILLED
5'0"
[1.52]
3'3"
[1.00]
SECTION-Y Y
RAIN WATER PERCULATION TRENCH DETAIL

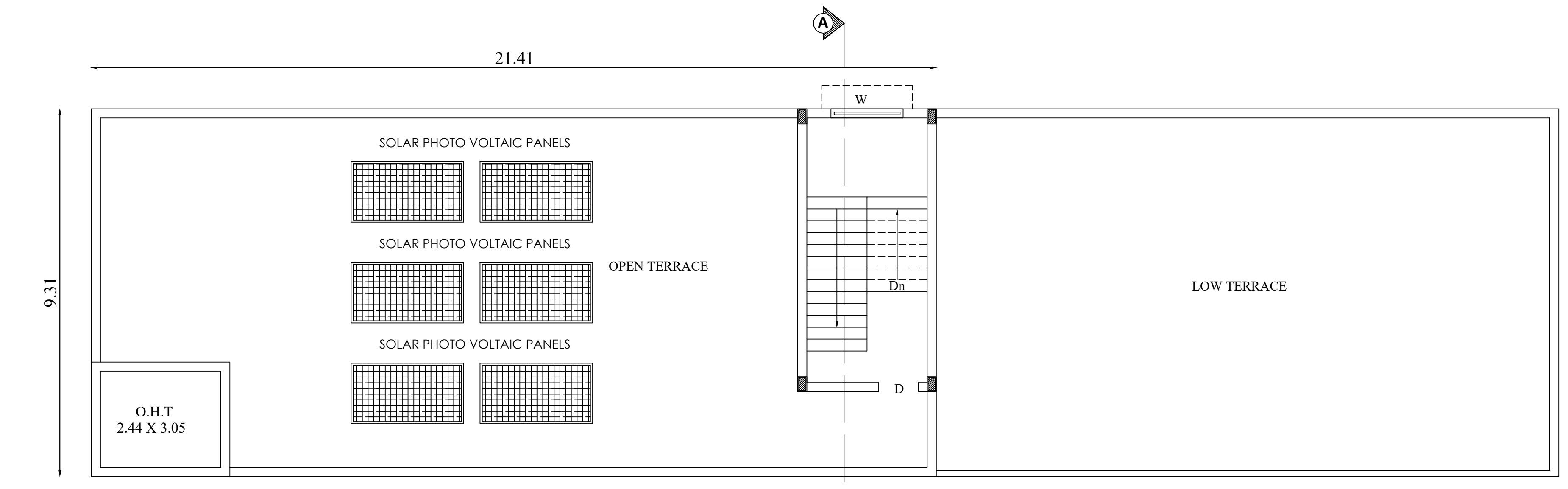

5. FOUNDATION DETAILS
AS PER SOIL TEST REPORT
GL
8Ø 2 LEGED STRIUPS @ 6" C/C
16Ø ROD 8 Nos
12Ø ROD 16 Nos BOTH WAYS
P.C.C 1:5:10
6'0"
Section on AB
9"x13" R.C.C COLUMN
A
B
6'0"
6 '0"


4'0
SIDE ELEVATION
DRUM
SOLAR CELL
PLAN
SOLAR WATER HEATER DETAIL (NTS)

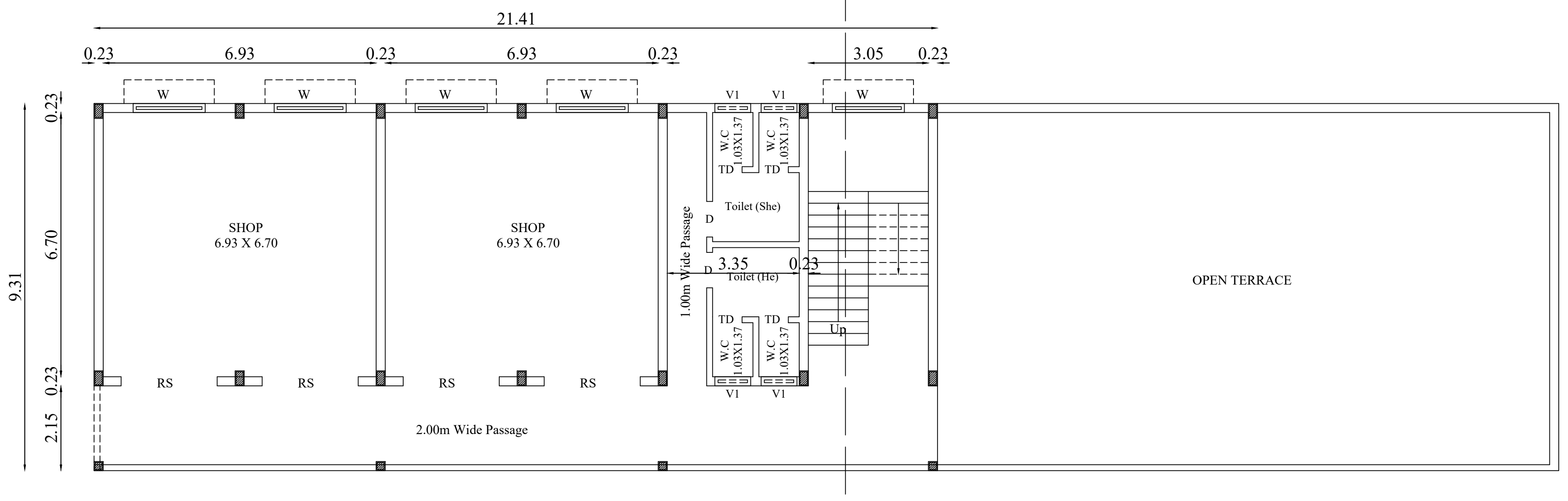

HANDRAILS UPTO 1.2M HT
TREAD
RISER
(30)
(15)
WAIST SLAB
(NOT TO SCALE)

STAIR CASE DETAILS

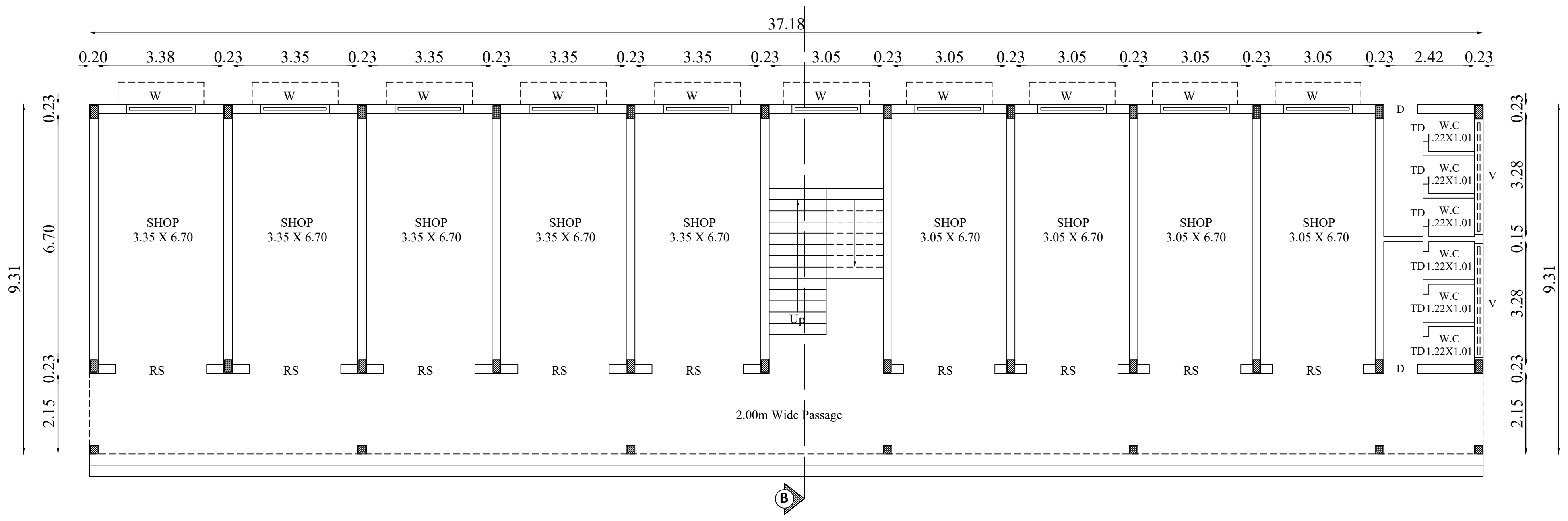
1. WIDTH - 1.50 M
2. RISE - 0.15 M
3. TREAD - 0.30 M


A
21.41
9.31
W
SOLAR PHOTO VOLTAIC PANELS
SOLAR PHOTO VOLTAIC PANELS
SOLAR PHOTO VOLTAIC PANELS
OPEN TERRACE
Dn
D
LOW TERRACE
O.H.T
2.44 X 3.05

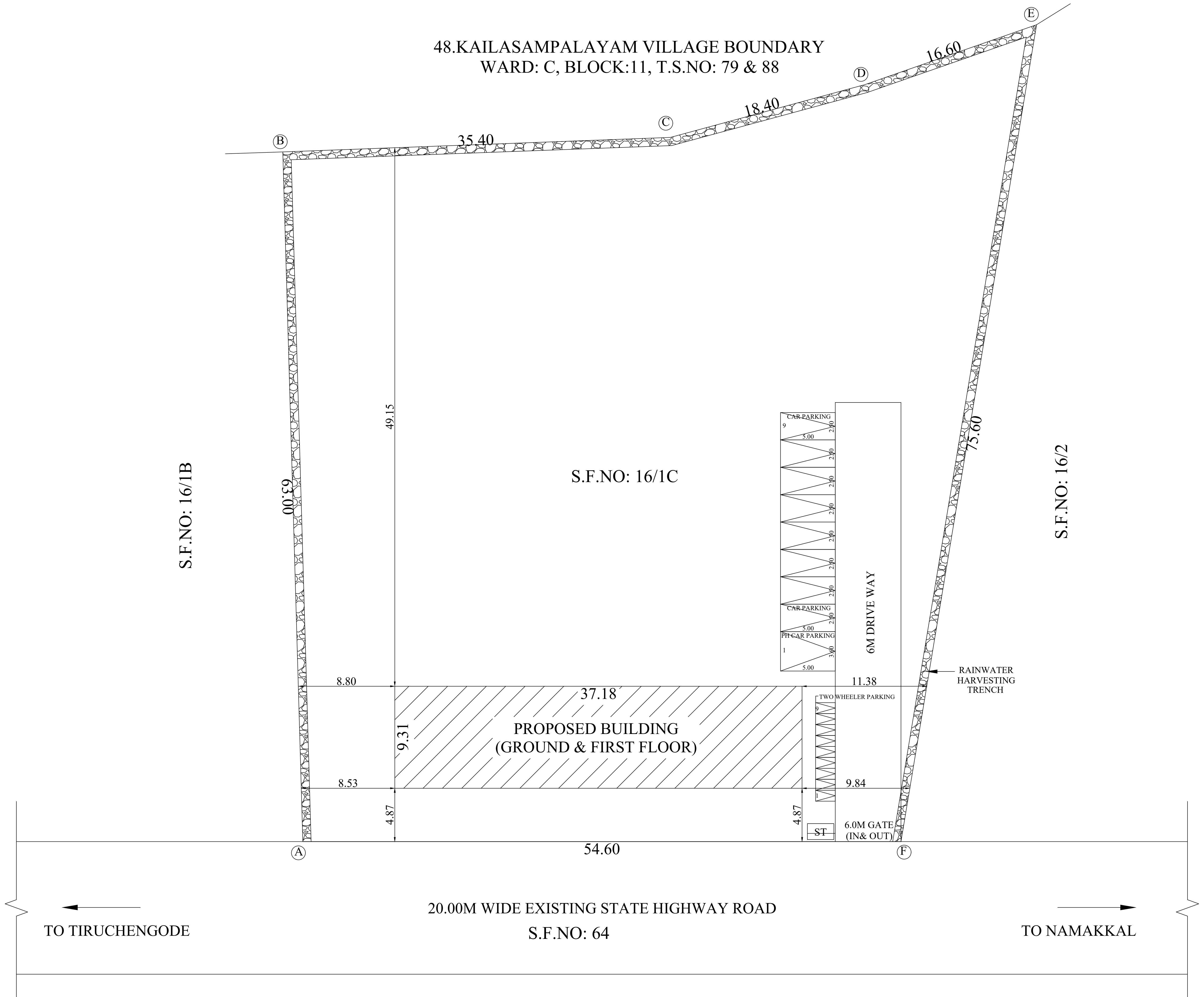
TERRACE FLOOR PLAN


21.41
0.23
6.93
0.23
6.93
0.23
3.05
0.23
W
V1
W.C 1.03X1.37
TD
Toilet (She)
D
1.00m Wide Passage
3.35
0.23
Toilet (He)
Up
SHOP 6.93 X 6.70
SHOP 6.93 X 6.70
OPEN TERRACE
RS
2.00m Wide Passage
9.31
0.23
6.70
0.23
2.15

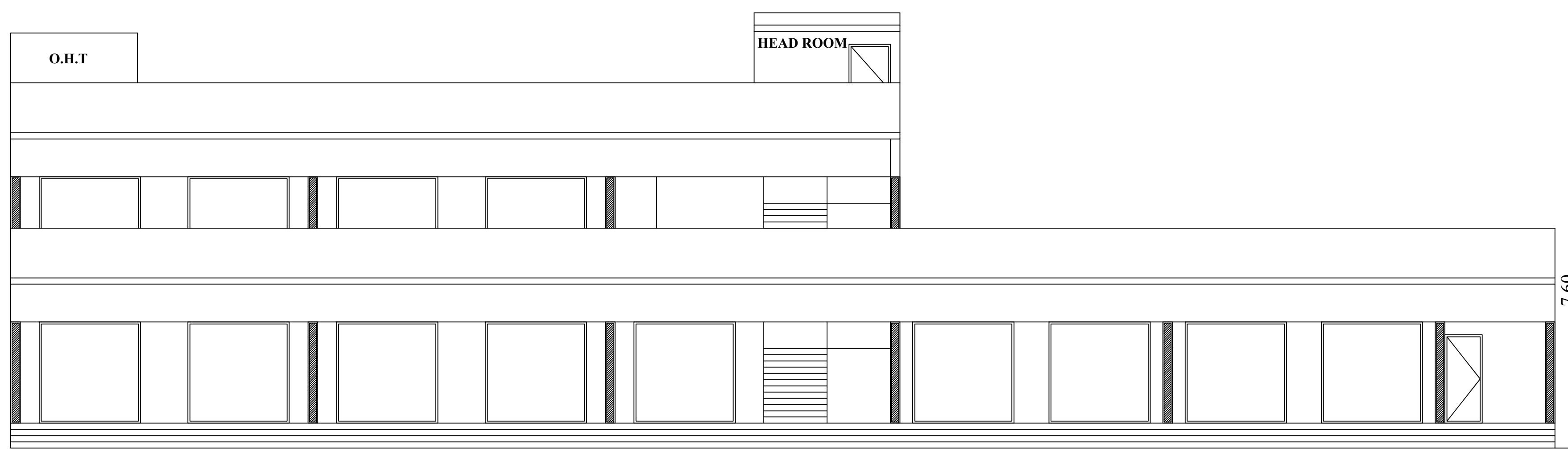
FIRST FLOOR PLAN


37.18
0.20
3.38
0.23
3.35
0.23
3.35
0.23
3.35
0.23
3.35
0.23
3.05
0.23
3.05
0.23
3.05
0.23
3.05
0.23
3.05
0.23
2.42
0.23
W
SHOP 3.35 X 6.70
SHOP 3.05 X 6.70
Up
RS
D
TD
W.C 1.22X1.01
V
2.00m Wide Passage
9.31
0.23
6.70
0.23
2.15
3.28
0.15
3.28
B

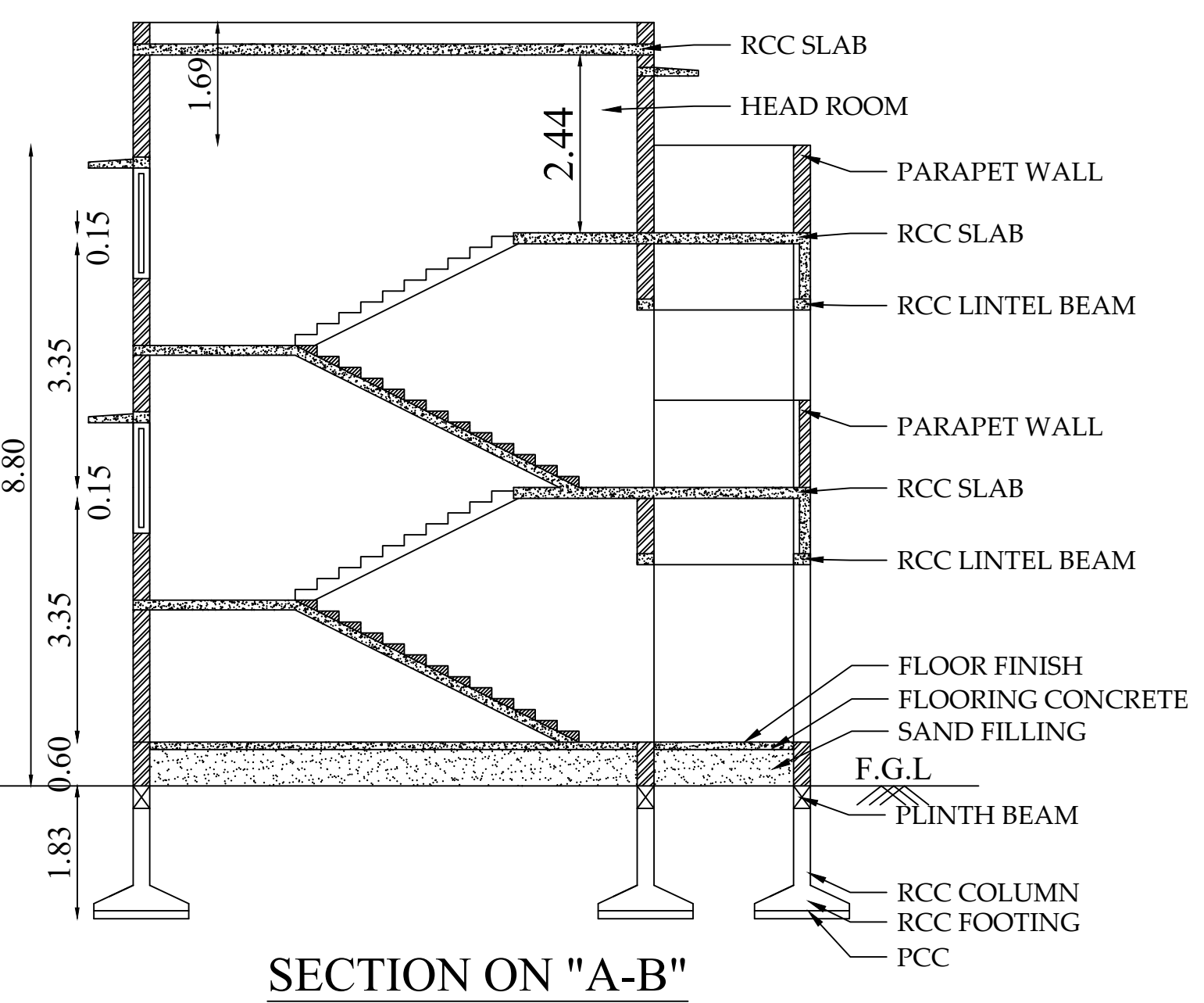
GROUND FLOOR PLAN


48.KAILASAMPALAYAM VILLAGE BOUNDARY
WARD: C, BLOCK:11, T.S.NO: 79 & 88
B
C
D
E
35.40
18.40
16.60
63.00
49.15
75.60
S.F.NO: 16/1B
S.F.NO: 16/1C
S.F.NO: 16/2
CAR PARKING
5.00
2.50
PH CAR PARKING
3.00
6M DRIVE WAY
RAINWATER HARVESTING TRENCH
8.80
11.38
37.18
PROPOSED BUILDING (GROUND & FIRST FLOOR)
9.31
TWO WHEELER PARKING
8.53
9.84
4.87
ST
6.0M GATE (IN& OUT)
A
F
54.60
20.00M WIDE EXISTING STATE HIGHWAY ROAD
S.F.NO: 64
TO TIRUCHENGODE
TO NAMAKKAL

SITE PLAN
SCALE = 1:200


O.H.T
HEAD ROOM

FRONT ELEVATION


RCC SLAB
HEAD ROOM
1.69
2.44
PARAPET WALL
RCC SLAB
RCC LINTEL BEAM
PARAPET WALL
RCC SLAB
RCC LINTEL BEAM
FLOOR FINISH
FLOORING CONCRETE
SAND FILLING
F.G.L
PLINTH BEAM
RCC COLUMN
RCC FOOTING
PCC
0.15
3.35
0.15
3.35
0.60
1.83
7.60
8.80

SECTION ON "A-B"

PLAN SHOWING THE PROPOSED CONSTRUCTION COMMERCIAL BUILDING IN S.F.NO: 16/1C, PATTA NO: 188, AT MANDAGAPALAYAM VILLAGE AND PANCHAYAT, TIRUCHENGODE TALUK, NAMAKKAL DISTRICT.

APPLICANT:

"SRI PUDAVAIKKARI AMMAN PERIYANDAVAR SWAMI MALAIYAKULA PANGALIKAL ARAKKATTALAI"

N

Scale 1:100

AREA DETAILS:-

SITE AREA DETAILS		
S.NO:	S.F.NO:	AREA in Sqm
1	16/1C	4050.00

AREA OF THE SITE : 4050.00 Sqm

Floor Name	FSI Area (in Sqm)	Non-FSI Area (in Sqm)	Total Built up Area (in Sqm)
GROUND FLOOR	346.15	-	346.15
FIRST FLOOR	199.33	-	199.33
HEAD ROOM	-	25.13	25.13
TOTAL	545.48	25.13	570.61

NOTE:

$$FSI = \frac{545.48}{4050.00} = 0.134$$

JOINERY DETAILS

TYPE	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	2.44 X 2.44
D	DOOR	1.00 X 2.13
TD	TOILET DOOR	0.75 X 2.13
W	WINDOW	1.83 X 1.52
V	VENTILATOR	3.05 X 0.61
V1	VENTILATOR	0.91 X 0.61

PARKING DETAILS

Office Area = 1334.55 Sqm x 75% = 1000.91 Sqm

	TWO WHEELER PARKING		CAR PARKING	
	Required	Provided	Required	Provided
Every 75 Sqm 1 Car	-		8	
Every 75 Sqm 1 Two Wheeler	8		-	
TOTAL	9 (8x10%)	9	9 (8x10%)	9
(PHYSICALLY HANDICAPPED PARKING INCLUDED)				

REFERENCE

☐	- SITE BOUNDARY (A - F)
☐	- PROPOSED BUILDING
☐	- EXISTING ROAD

A.M.
Er. A.M. NAWIN, B.E.,M.Tech (Structures)
REGISTERED ENGINEER GRADE - III.
DTCP / NAMAKKAL / RE - III / 07 / 2025,
Cell : 99424 54767.

Architect

A.M.
Er. A.M. NAWIN, B.E.,M.Tech(Structures)
Registered Structural Engineer,
DTCP / RSE- II / 01 / 2025.

Structural Engineer

For ஸ்ரீ புடவைக்காரி அம்மன்
பெரியாண்டவர் சுவாமி
மலையகுல பங்காளிகள் டிரஸ்ட்
தலைவர் :
செயலாளர் :
பொருளாளர் :

Applicant

Signature Not Verified
Signed by: Village Panchayat President
Location:Namakkal
Date:2026.02.19 22:21:48