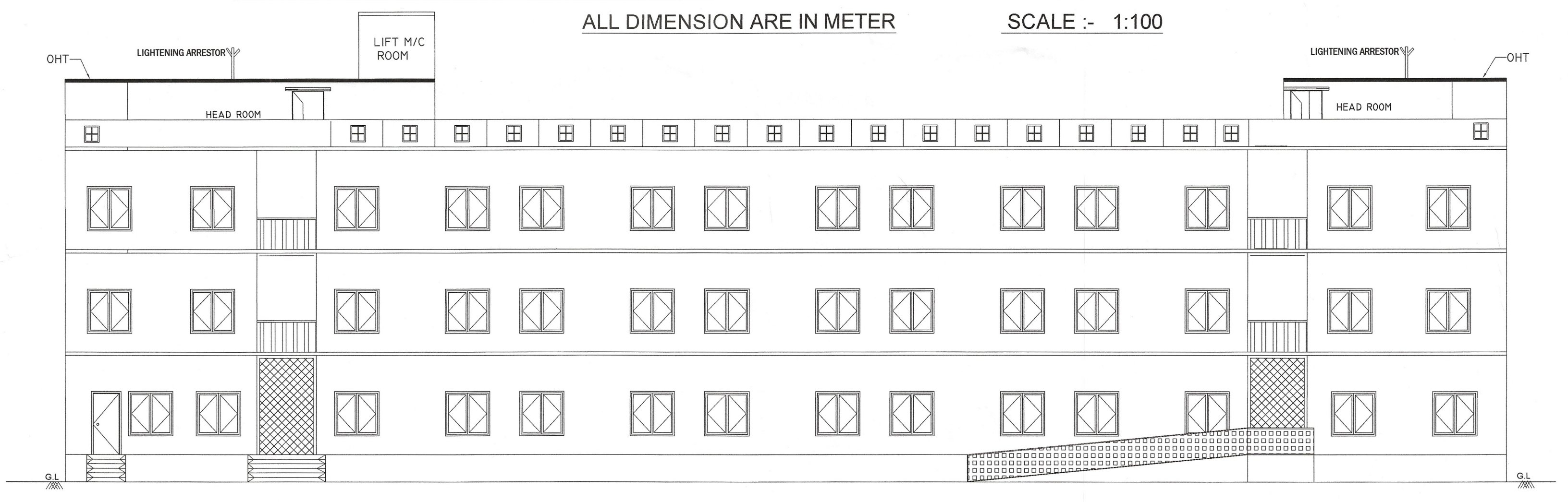
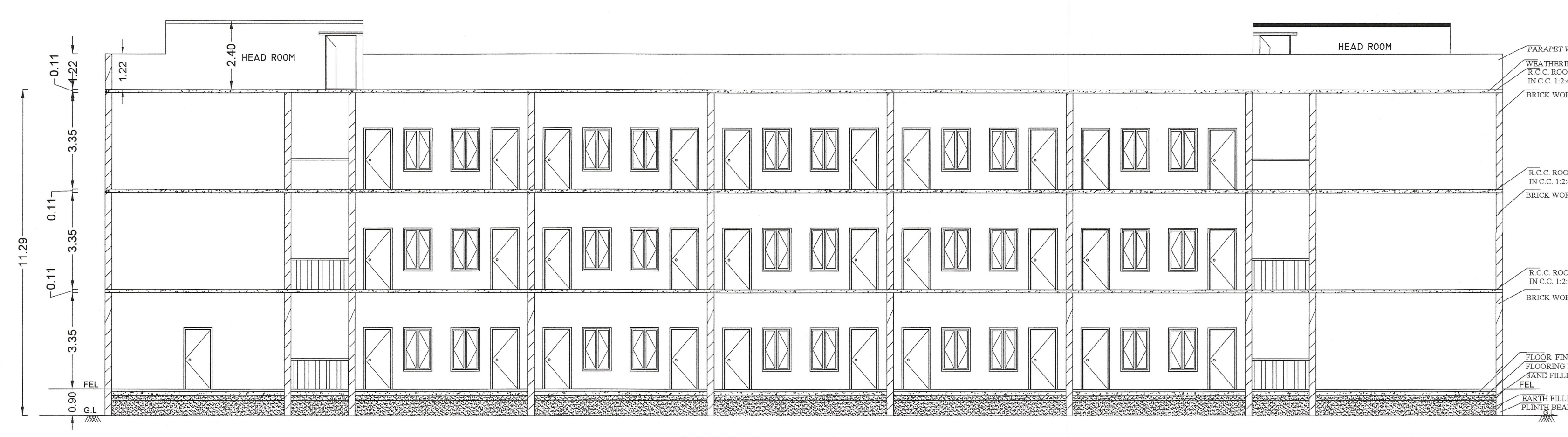
PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF SCHOOL BUILDING FOR " SRI M/S JRS EDUCATIONAL TRUST " IN SURVEY NO. 452/2, OF ARASOOR VILLAGE & PANCHAYATH, VANDAVASI PANCHAYATH UNION & TALUK, THIRUVANNAMALI DISTRICT.

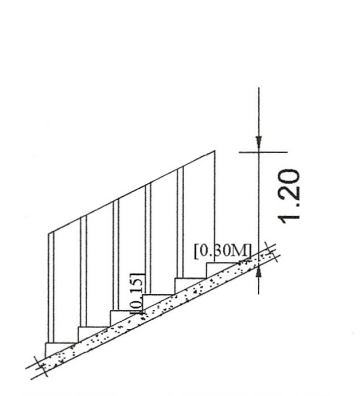
ALL DIMENSION ARE IN METER   SCALE :- 1:100


OHT
LIGHTENING ARRESTOR
LIFT M/C ROOM
HEAD ROOM
G.L

ELEVATION

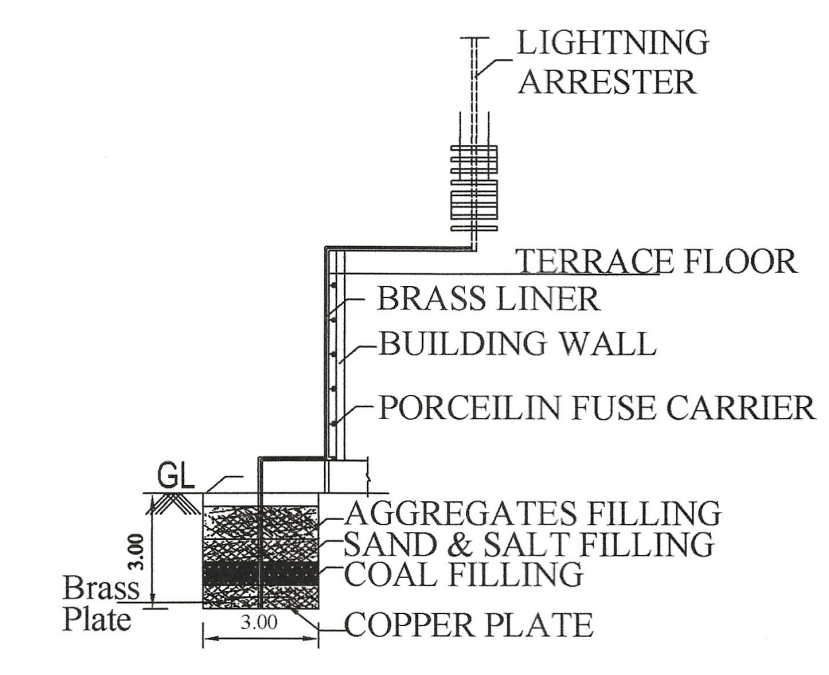

HEAD ROOM
2.40
1.22
0.11
4.22
3.35
11.29
0.90
FEL
G.L
PARAPET WALL
WEATHERING COURSE
R.C.C. ROOF SLAB IN C.C. 1:2:4
BRICK WORK IN CM 1:6
FLOOR FINISHING
FLOORING IN C.C 1:5:10
SAND FILLING
EARTH FILLING
PLINTH BEAM 9"X12"

SECTION ON J-S

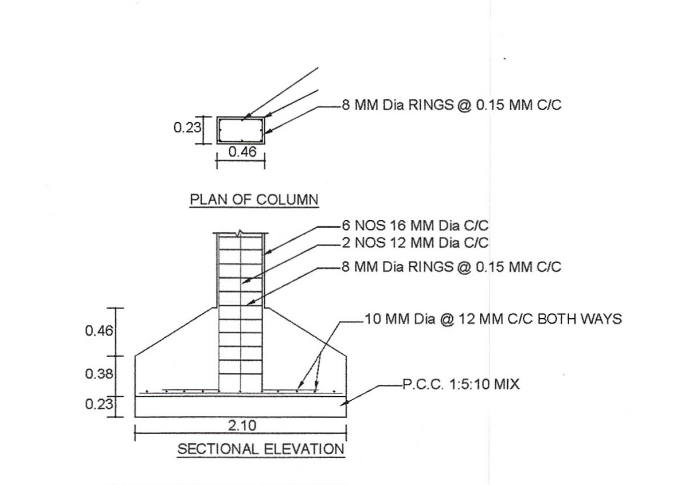

1.20
[0.30M]
0.15

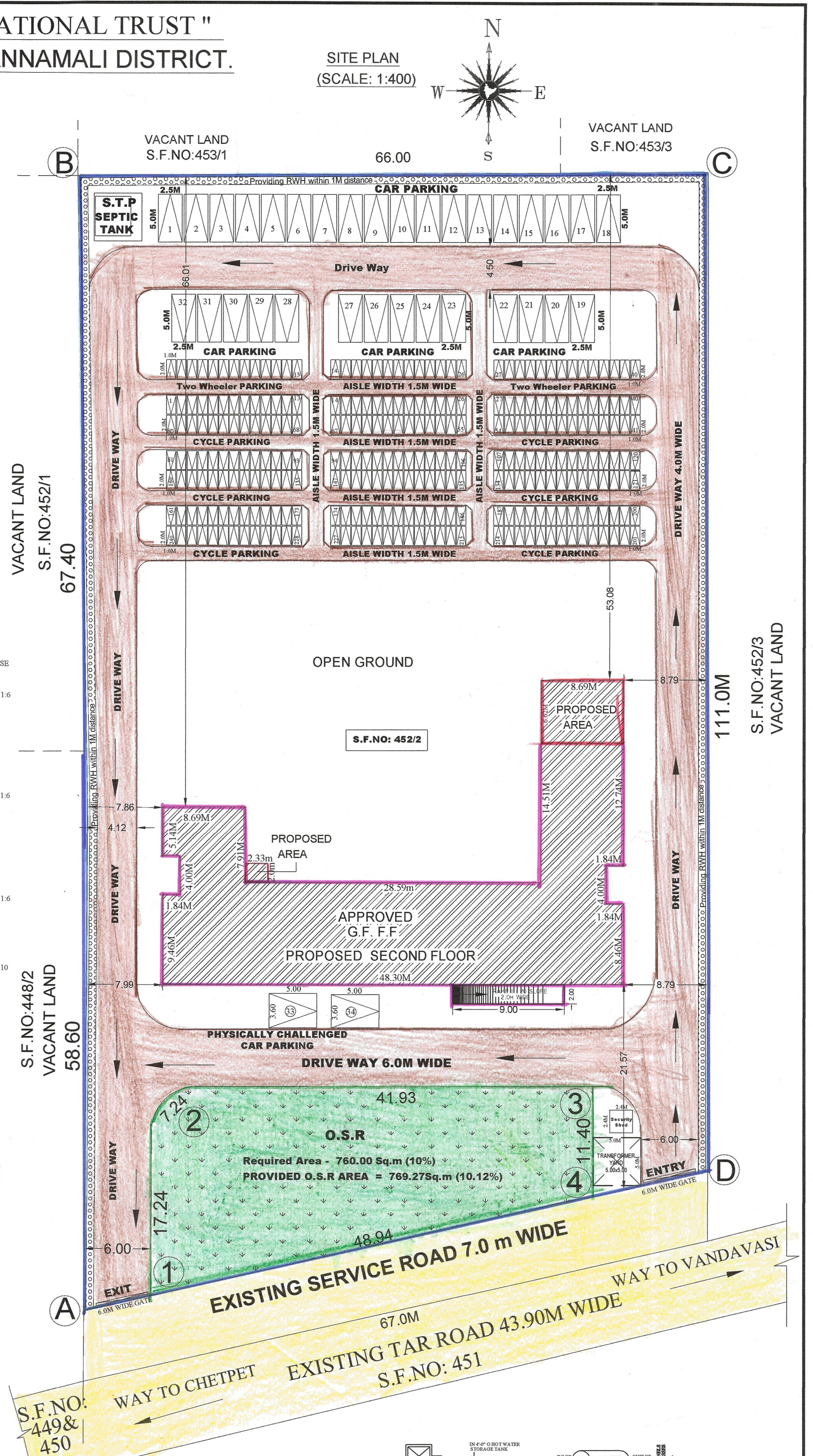
WIDTH - AS PER PLAN
TREAD - 0.30M
RISE - 0.15M

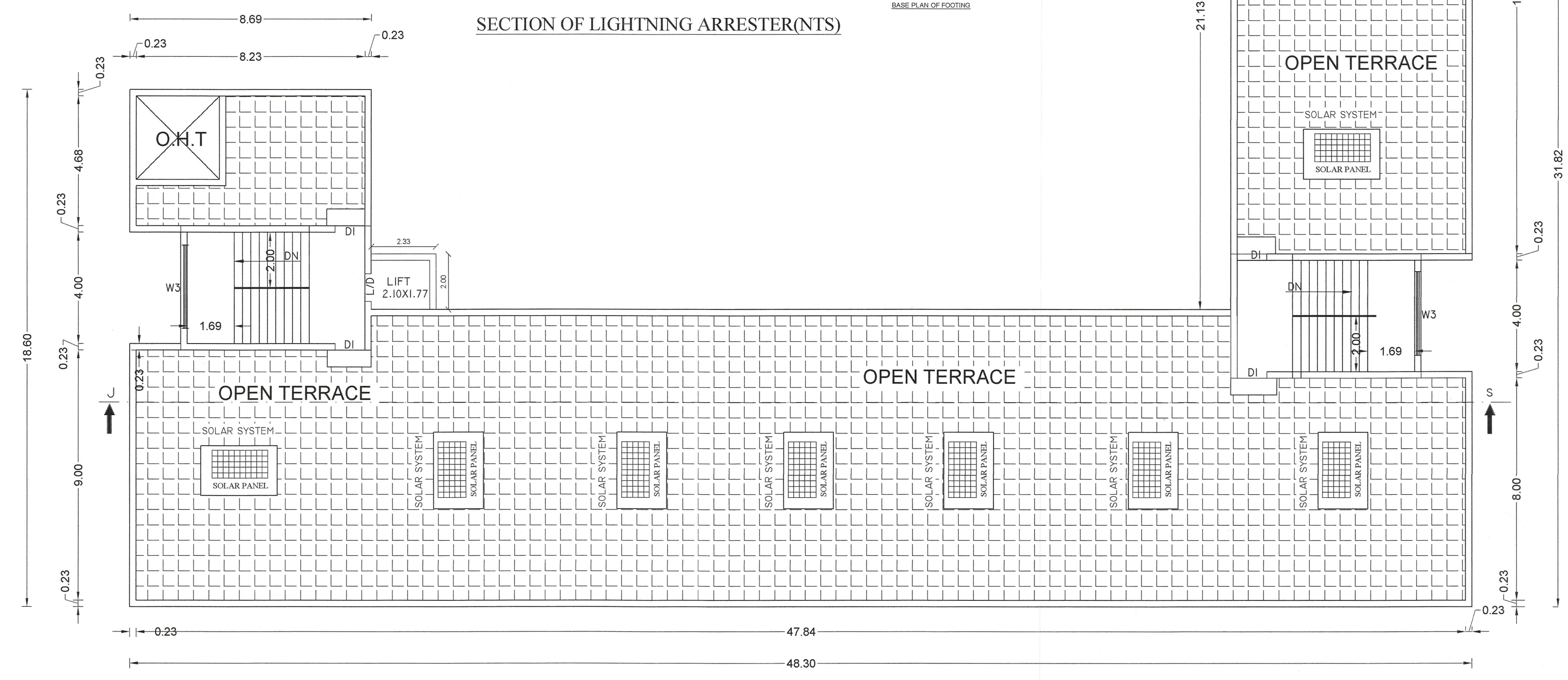
STAIRCASE DETAILS


LIGHTNING ARRESTER
TERRACE FLOOR
BRASS LINER
BUILDING WALL
PORCEILIN FUSE CARRIER
GL
AGGREGATES FILLING
SAND & SALT FILLING
COAL FILLING
COPPER PLATE
Brass Plate
3.00

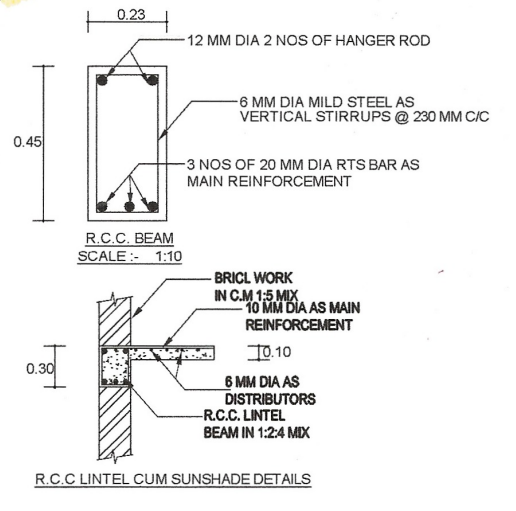
SECTION OF LIGHTNING ARRESTER(NTS)


8 MM Dia RINGS @ 0.15 MM C/C
PLAN OF COLUMN
6 NOS 16 MM Dia C/C
2 NOS 12 MM Dia C/C
8 MM Dia RINGS @ 0.15 MM C/C
10 MM Dia @ 12 MM C/C BOTH WAYS
P.C.C. 1:5:10 MIX
SECTIONAL ELEVATION
10 MM Dia @ 12 MM C/C BOTH WAYS
BASE PLAN OF FOOTING

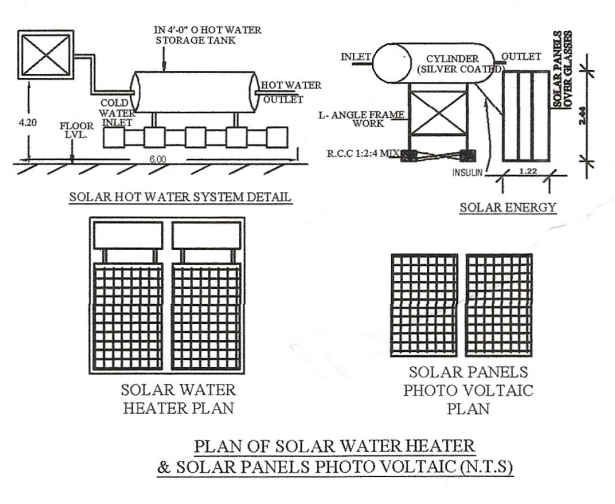

SITE PLAN
(SCALE: 1:400)
N
W
E
S
VACANT LAND
S.F.NO:453/1
VACANT LAND
S.F.NO:453/3
66.00
B
C
S.T.P SEPTIC TANK
CAR PARKING
Providing RWH within 1M distance
Drive Way
Two Wheeler PARKING
AISLE WIDTH 1.5M WIDE
CYCLE PARKING
DRIVE WAY
DRIVE WAY 4.0M WIDE
VACANT LAND
S.F.NO:452/1
67.40
OPEN GROUND
S.F.NO: 452/2
PROPOSED AREA
APPROVED G.F. F.F.
PROPOSED SECOND FLOOR
111.0M
S.F.NO:452/3
VACANT LAND
S.F.NO:448/2
VACANT LAND
58.60
PHYSICALLY CHALLENGED CAR PARKING
DRIVE WAY 6.0M WIDE
O.S.R
Required Area - 760.00 Sq.m (10%)
PROVIDED O.S.R AREA = 769.27Sq.m (10.12%)
41.93
48.94
17.24
11.40
ENTRY
EXIT
6.0M WIDE GATE
A
D
EXISTING SERVICE ROAD 7.0 m WIDE
WAY TO VANDAVASI
67.0M
EXISTING TAR ROAD 43.90M WIDE
S.F.NO: 451
WAY TO CHETPET
S.F.NO: 449& 450


8.69
8.23
0.23
O.H.T
OPEN TERRACE
SOLAR SYSTEM
SOLAR PANEL
LIFT 2.10X1.77
DN
W3
1.69
DI
47.84
48.30
21.13
18.90
31.82
18.60

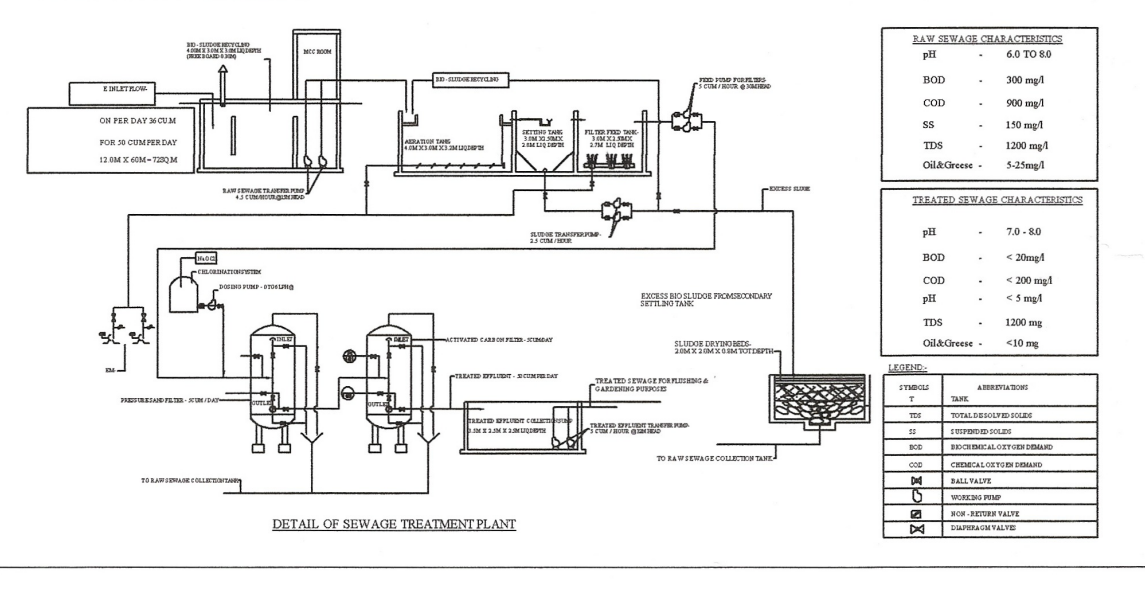
TERRACE FLOOR PLAN


12 MM DIA 2 NOS OF HANGER ROD
6 MM DIA MILD STEEL AS VERTICAL STIRRUPS @ 230 MM C/C
3 NOS OF 20 MM DIA RTS BAR AS MAIN REINFORCEMENT
R.C.C. BEAM
SCALE :- 1:10
BRICL WORK IN C.M 1:5 MIX
10 MM DIA AS MAIN REINFORCEMENT
6 MM DIA AS DISTRIBUTORS
R.C.C. LINTEL BEAM IN 1:2:4 MIX

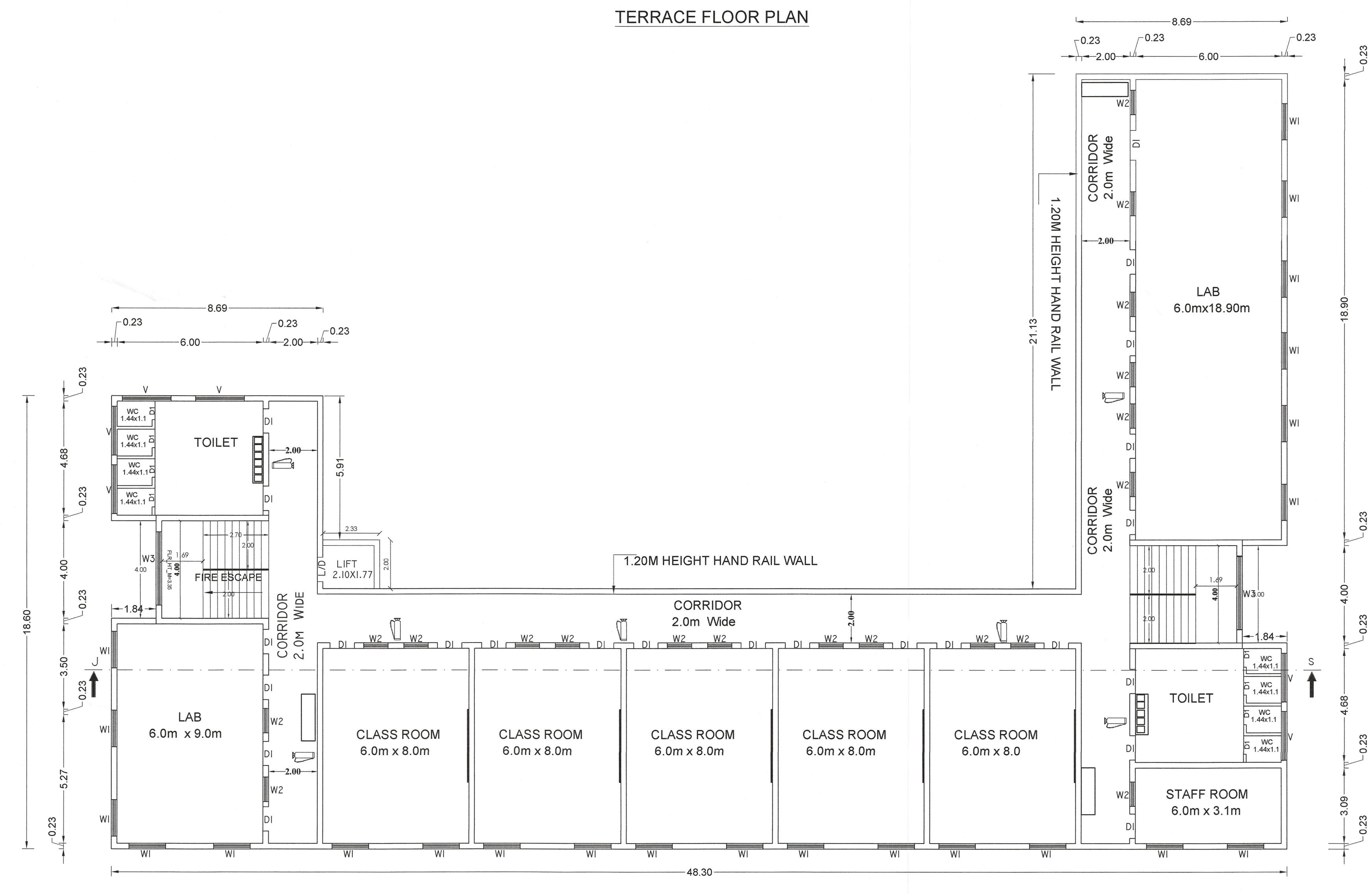
R.C.C LINTEL CUM SUNSHADE DETAILS


SOLAR HOT WATER SYSTEM DETAIL
SOLAR ENERGY
SOLAR WATER HEATER PLAN
SOLAR PANELS PHOTO VOLTAIC PLAN

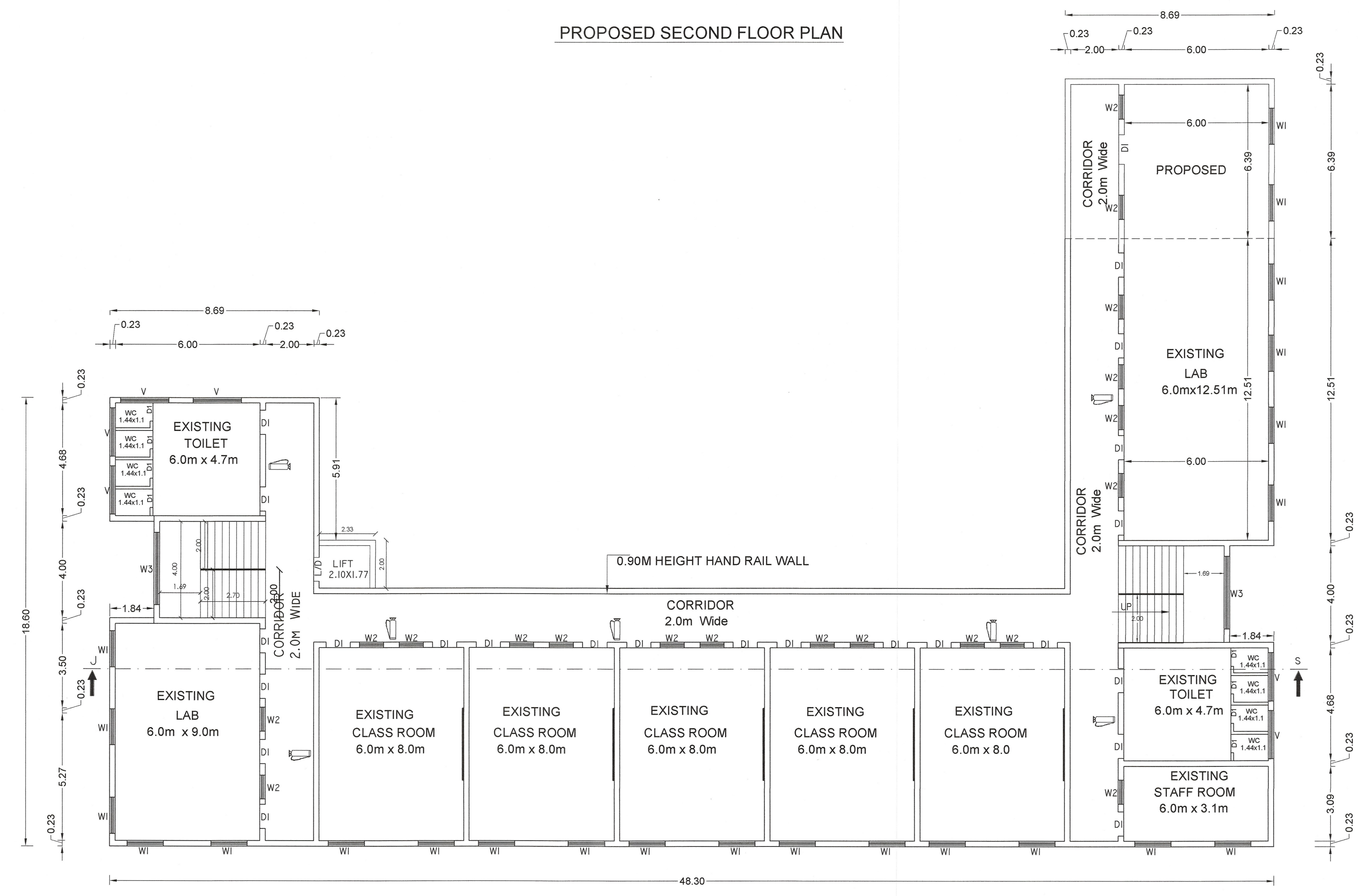
PLAN OF SOLAR WATER HEATER & SOLAR PANELS PHOTO VOLTAIC (N.T.S)



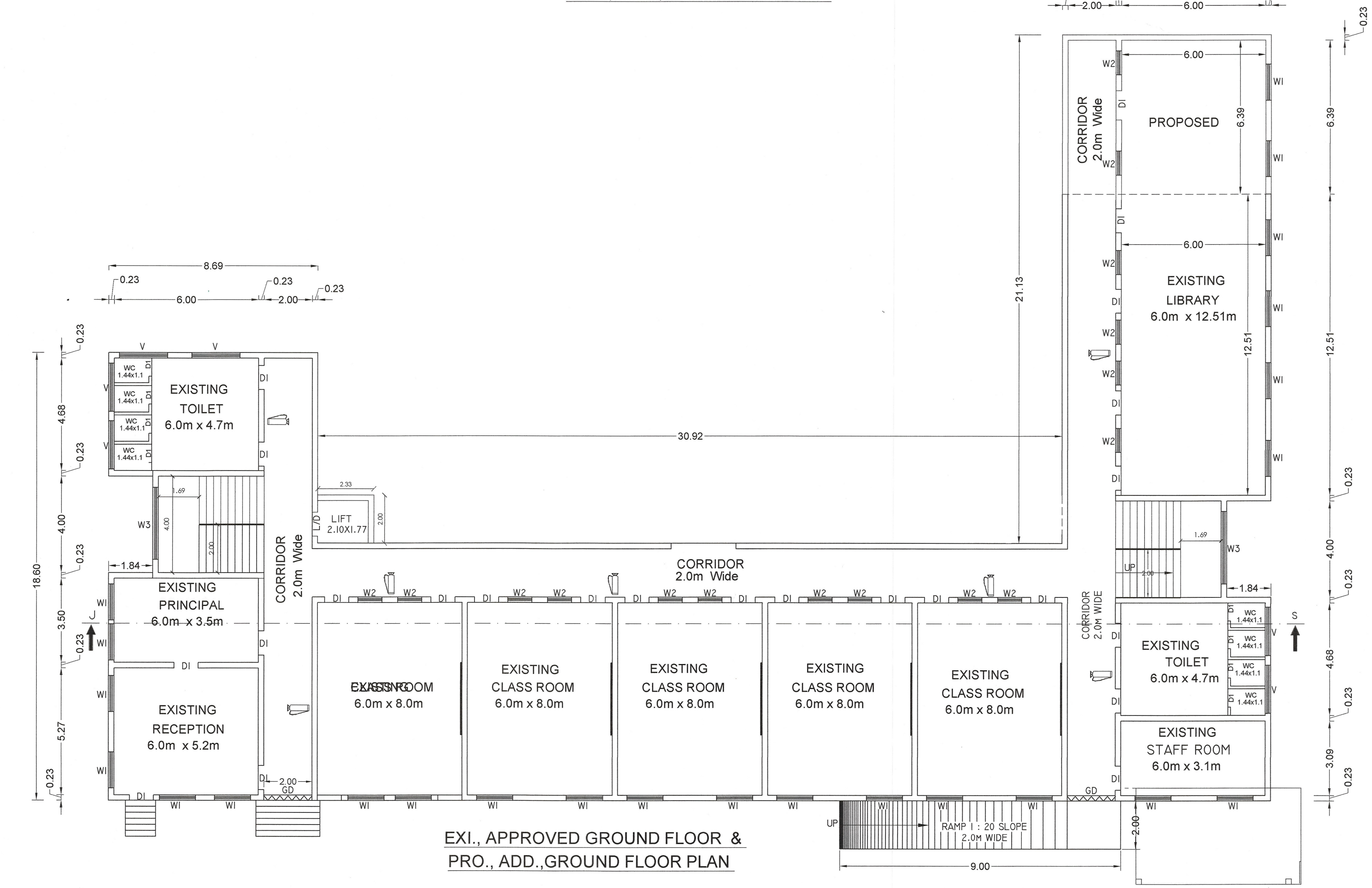
DETAIL OF SEWAGE TREATMENT PLANT


TOILET
WC 1.44x1.1
LIFT 2.10X1.77
FIRE ESCAPE
1.20M HEIGHT HAND RAIL WALL
CORRIDOR 2.0m Wide
LAB 6.0m x 9.0m
CLASS ROOM 6.0m x 8.0m
CLASS ROOM 6.0m x 8.0
LAB 6.0mx18.90m
TOILET
STAFF ROOM 6.0m x 3.1m
48.30
18.60
21.13
31.82

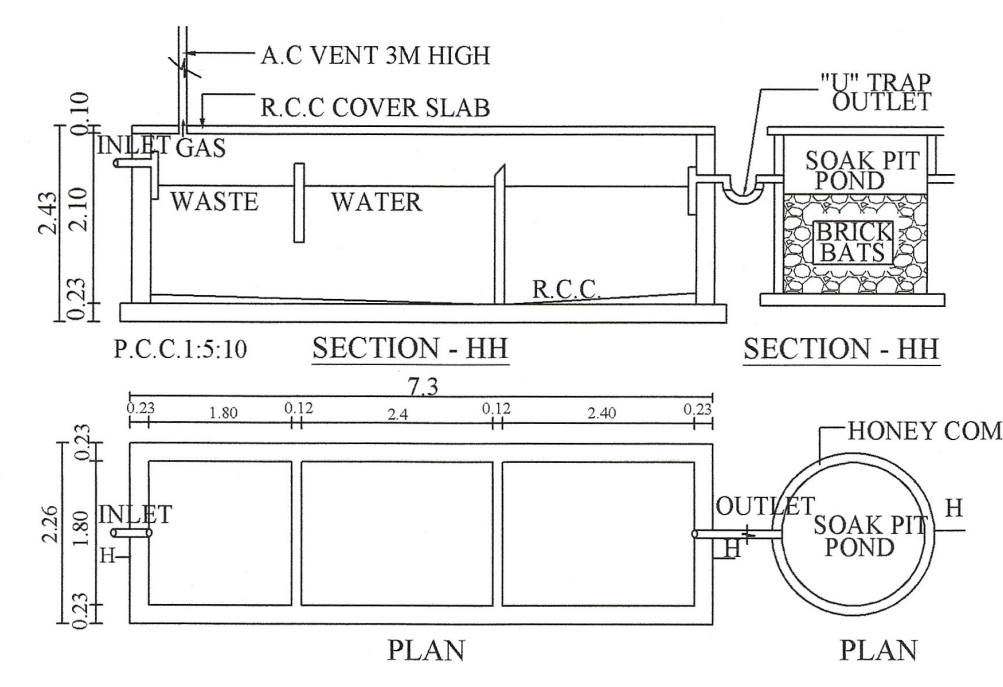
PROPOSED SECOND FLOOR PLAN


EXISTING TOILET 6.0m x 4.7m
LIFT 2.10X1.77
0.90M HEIGHT HAND RAIL WALL
CORRIDOR 2.0m Wide
EXISTING LAB 6.0m x 9.0m
EXISTING CLASS ROOM 6.0m x 8.0m
EXISTING CLASS ROOM 6.0m x 8.0
PROPOSED
EXISTING LAB 6.0mx12.51m
EXISTING TOILET 6.0m x 4.7m
EXISTING STAFF ROOM 6.0m x 3.1m
48.30
25.20
6.62

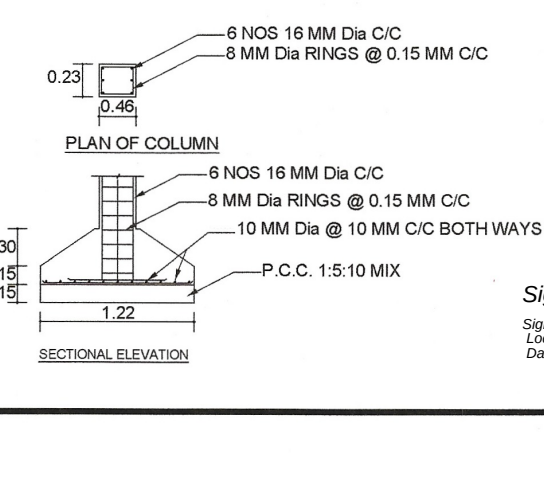
EXI., APPROVED FIRST FLOOR &
PRO., ADD., FIRST FLOOR PLAN

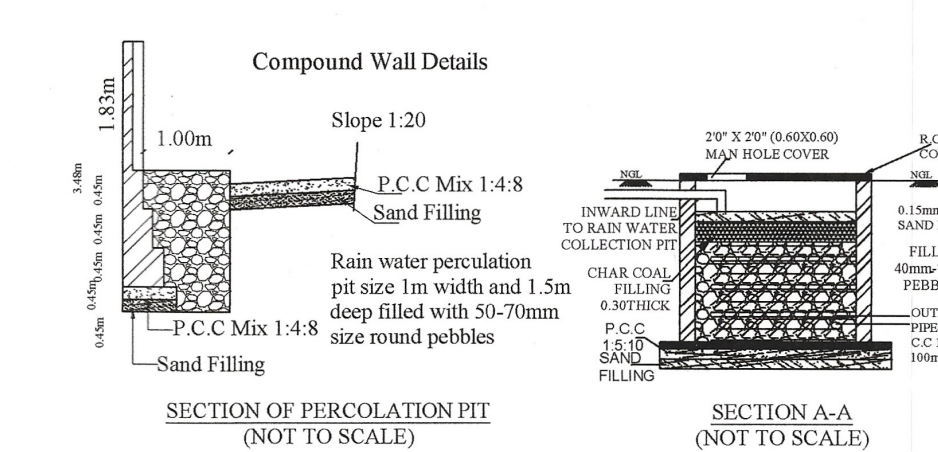

EXISTING TOILET 6.0m x 4.7m
LIFT 2.10X1.77
30.92
CORRIDOR 2.0m Wide
EXISTING PRINCIPAL 6.0m x 3.5m
EXISTING RECEPTION 6.0m x 5.2m
EXISTING CLASS ROOM 6.0m x 8.0m
PROPOSED
EXISTING LIBRARY 6.0m x 12.51m
EXISTING TOILET 6.0m x 4.7m
EXISTING STAFF ROOM 6.0m x 3.1m
RAMP 1 : 20 SLOPE 2.0M WIDE
9.00
UP
GD

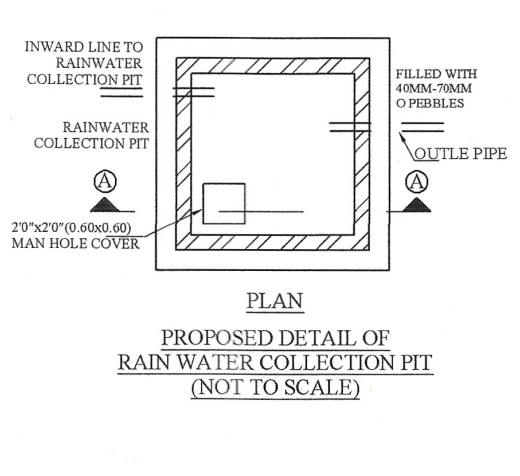
EXI., APPROVED GROUND FLOOR &
PRO., ADD.,GROUND FLOOR PLAN


A.C VENT 3M HIGH
R.C.C COVER SLAB
"U" TRAP OUTLET
INLET GAS
WASTE
WATER
R.C.C.
SOAK PIT POND
BRICK BATS
P.C.C.1:5:10
SECTION - HH
SECTION - HH
7.3
INLET
OUTLET
SOAK PIT POND
HONEY COMB
PLAN
PLAN

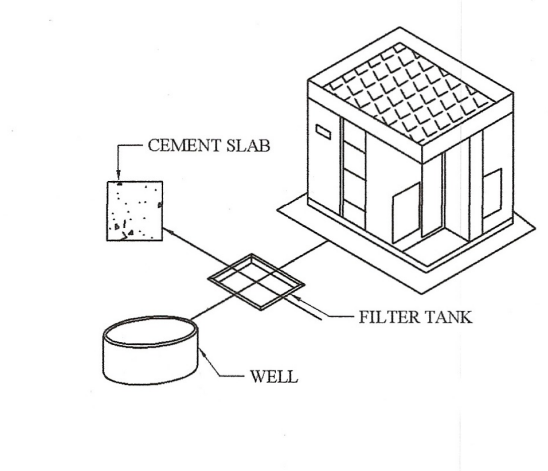
SEPTIC TANK DETAILS (NTS)   SOAK PIT DETAILS


6 NOS 16 MM Dia C/C
8 MM Dia RINGS @ 0.15 MM C/C
PLAN OF COLUMN
6 NOS 16 MM Dia C/C
8 MM Dia RINGS @ 0.15 MM C/C
10 MM Dia @ 10 MM C/C BOTH WAYS
P.C.C. 1:5:10 MIX
SECTIONAL ELEVATION

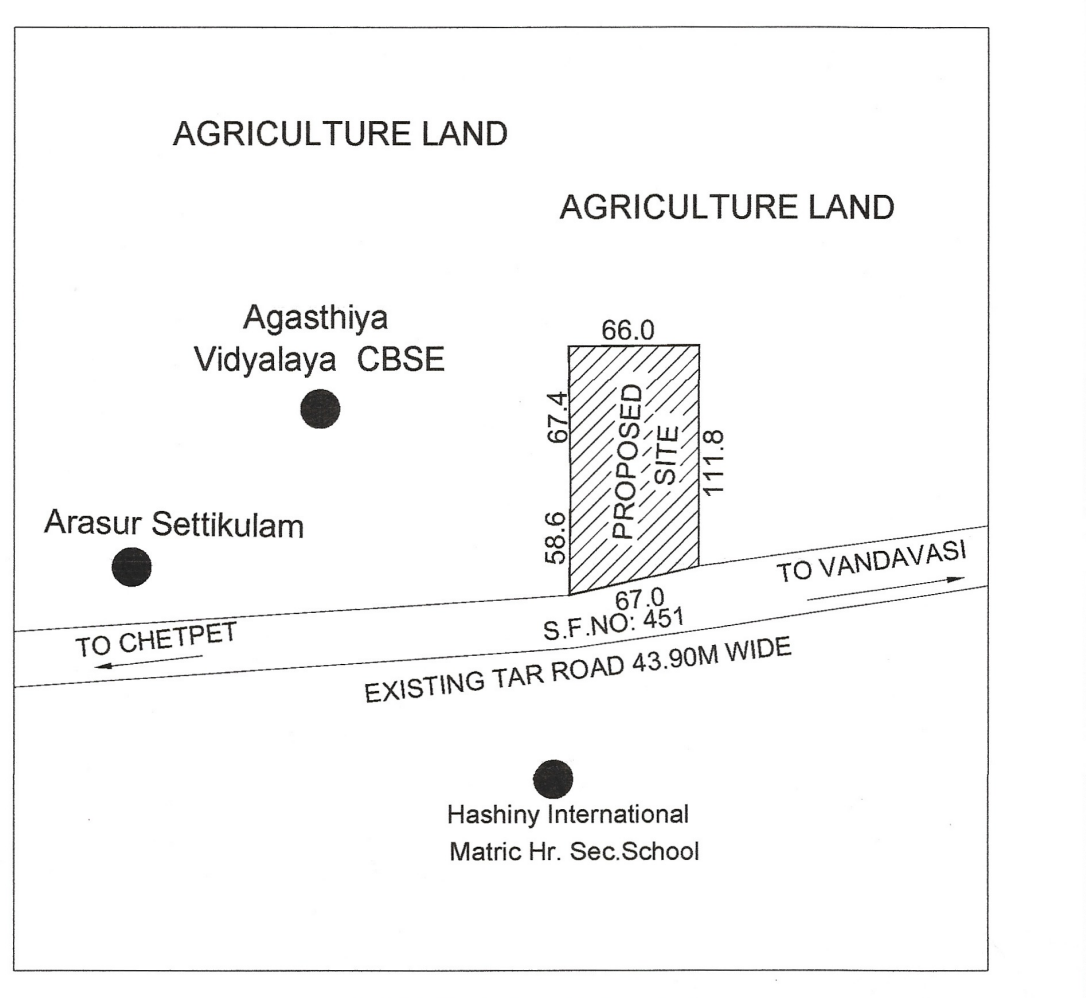

Compound Wall Details
Slope 1:20
P.C.C Mix 1:4:8
Sand Filling
Rain water perculation pit size 1m width and 1.5m deep filled with 50-70mm size round pebbles
P.C.C Mix 1:4:8
Sand Filling
SECTION OF PERCOLATION PIT (NOT TO SCALE)
SECTION A-A (NOT TO SCALE)


INWARD LINE TO RAINWATER COLLECTION PIT
FILLED WITH 40MM-70MM Ø PEBBLES
OUTLE PIPE
PLAN

PROPOSED DETAIL OF RAIN WATER COLLECTION PIT (NOT TO SCALE)


CEMENT SLAB
FILTER TANK
WELL

Signature Not Verified
Signed by: Assistant Director
Location:Tiruvannamalai
Date:2023.01.1? ?:52:36


AGRICULTURE LAND
AGRICULTURE LAND
Agasthiya Vidyalaya CBSE
Arasur Settikulam
66.0
67.4
58.6
111.8
PROPOSED SITE
67.0
S.F.NO: 451
TO CHETPET
TO VANDAVASI
EXISTING TAR ROAD 43.90M WIDE
Hashiny International Matric Hr. Sec.School

KEY PLAN (NOT TO SCALE)

AREA DETAILS

TOTAL AREA OF THE LAND   7600.00Sq.m

FLOOR NAME	Total Buildup Area SQ.M	Non-FSI Area SQ.M	Net FSI Area SQ.M
EXISTING APPROVAL BUILDING AREA			
GROUND FLOOR AREA	696.40	----------	696.40
FIRST FLOOR AREA	696.40	----------	696.40
PROPOSED BUILDING AREA			
GROUND FLOOR AREA	62.18	----------	62.18
FIRST FLOOR AREA	62.18	----------	62.18
SECOND FLOOR AREA	758.59	----------	758.59
HEAD ROOM AREA -1	61.10	61.10	----------
GRAND TOTAL (EXISTING + PROPOSED)	**2336.85**	**61.10**	**2275.75**
OPEN AREA OF THE SITE	**6841.42**		

FLOOR SPACE INDEX:

(Existing + Proposed area)

$$= \frac{1392.80 + 882.95}{7600.00} = 0.299\% < 1.50\%$$

O.S.R AREA :-

Required Area - 760.00 Sq.m (10%)

PROVIDED O.S.R AREA = 769.27Sq.m (10.12%)

Fire Certificate:

Necessary Fire Extinguishers is provided with the permission from the fire Service.

Reference:

For Bath and wash seperate pipeline is provided and directly connected to the Recharge pit for recycling purpose.

PARKING AREA : Private school

300 Sq.m of class room area = 1car space

$$\frac{720.00}{300} = 2.40 \text{ nos Say} = 3\text{nos.}$$

Required Car Space = 3Nos

Provided Car Space = 34 Nos

(Provided For Disabled Person parking = 2 Nos)

2 WHEELER PARKING

$$\frac{720.00}{50.00} = 14.40\text{Nos. Say} = 15\text{nos}$$

Required Two wheeler Space = 15 Nos

Provided Two wheeler Space = 40 Nos

CYCLE PARKING

5 Sq.m of class room area - 1no. Cycle parking

$$\frac{720.00}{5.00} = 144 \text{ Nos. Say} = 144\text{nos}$$

Required Cycle Space = 144Nos

Provided CycleSpace = 240 Sq.m

COLOUR REFERENCE

SITE BOUNDARY SHOWN IN	🟦
PORPOSED BUILDING SHOWN IN	🟥
EXISTING ROAD SHOWN IN	🟨
O.S.R. AREA SHOWN IN	🟩
EXISTING APPROVAL BUILDING	🟪

BP/AD - DTCP (TVM): 02/2023

R. Santha.
CHAIRMAN
SRI JRS EDUCATIONAL TRUST
19-B, SANNATHI STREET
VANDAVASI-604 408. T.V.MALAI DIST.

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Geo Tech Engineer
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REGISTERED ENGINEER SIGNATURE