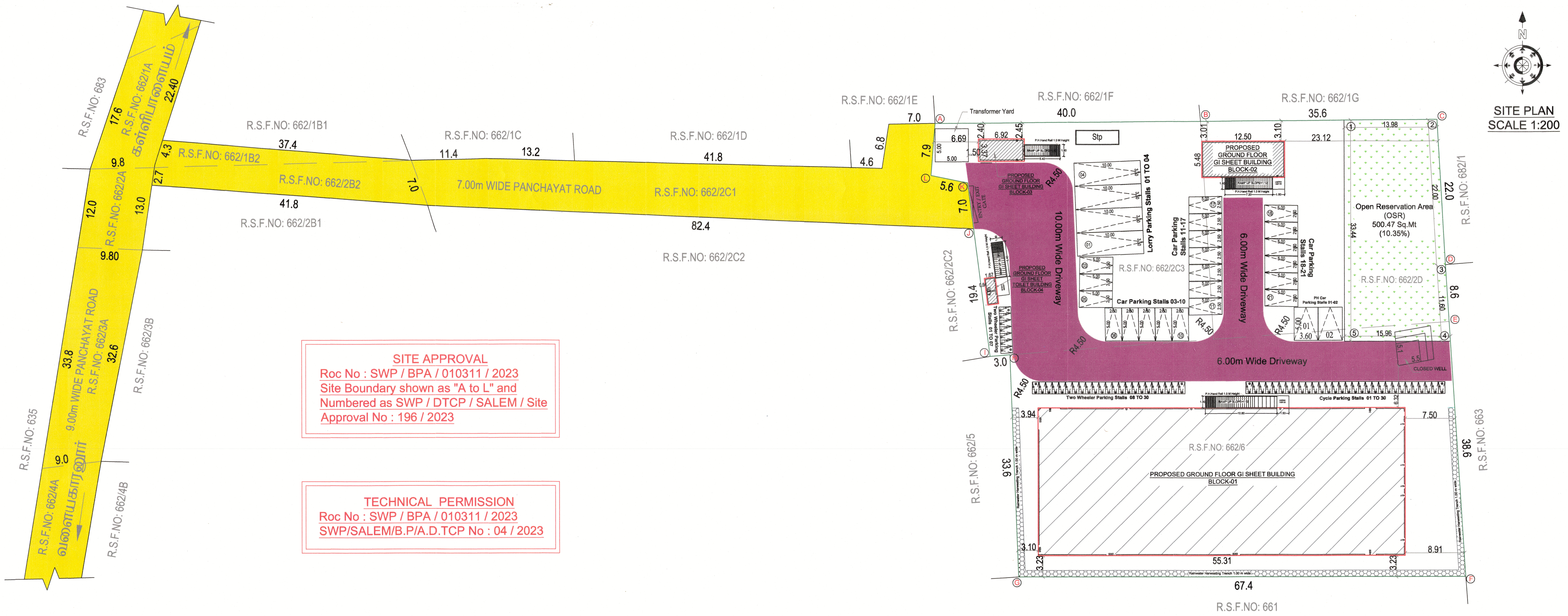
# PLAN SHOWING THE PROPOSED CONSTRUCTION WITH 4 BLOCKS GI SHEET ROOF ANNEXURE-VII, "ORANGE" INDUSTRIES (29.COTTON SPINNING AND WEAVING) BUILDING IN R.S.F.NO: 662/2C3,2D,6 AT KATHERI VILLAGE & PANCHAYAT, SANKARI TALUK, SALEM DISTRICT.

## APPLICANT : M/s.SHRI SAI WEAVES,


R.S.F.NO: 683
17.6
R.S.F.NO: 662/1A
22.40
9.8
R.S.F.NO: 662/2A
12.0
13.0
9.80
33.8
9.00m WIDE PANCHAYAT ROAD
R.S.F.NO: 662/3A
32.6
R.S.F.NO: 662/3B
R.S.F.NO: 635
9.0
R.S.F.NO: 662/4A
R.S.F.NO: 662/4B
R.S.F.NO: 662/1B1
37.4
4.3
R.S.F.NO: 662/1B2
2.7
R.S.F.NO: 662/2B2
41.8
R.S.F.NO: 662/2B1
R.S.F.NO: 662/1C
11.4
13.2
7.0
7.00m WIDE PANCHAYAT ROAD
R.S.F.NO: 662/1D
41.8
R.S.F.NO: 662/2C1
82.4
R.S.F.NO: 662/2C2
R.S.F.NO: 662/1E
7.0
4.6
6.8
7.9
5.6
7.0
Transformer Yard
R.S.F.NO: 662/1F
40.0
6.69
6.92
2.40
2.45
Stp
PROPOSED GROUND FLOOR GI SHEET BUILDING BLOCK-03
ENTRY / EXIT GATE
R4.50
10.00m Wide Driveway
Lorry Parking Stalls 01 TO 04
R.S.F.NO: 662/2C3
Car Parking Stalls 03-10
Car Parking Stalls 11-17
PROPOSED GROUND FLOOR GI SHEET TOILET BUILDING BLOCK-04
Two Wheeler Parking Stalls 01 TO 07
19.4
3.0
R.S.F.NO: 662/1G
35.6
3.01
12.50
3.10
23.12
5.48
PROPOSED GROUND FLOOR GI SHEET BUILDING BLOCK-02
6.00m Wide Driveway
Car Parking Stalls 18-21
PH Car Parking Stalls 01-02
13.98
Open Reservation Area (OSR) 500.47 Sq.Mt (10.35%)
33.44
22.00
22.0
R.S.F.NO: 682/1
R.S.F.NO: 662/2D
11.60
8.6
15.96
CLOSED WELL
6.00m Wide Driveway
Two Wheeler Parking Stalls 08 TO 30
Cycle Parking Stalls 01 TO 30
3.94
7.50
R.S.F.NO: 662/5
33.6
R.S.F.NO: 662/6
PROPOSED GROUND FLOOR GI SHEET BUILDING BLOCK-01
38.6
R.S.F.NO: 663
3.10
3.23
55.31
3.23
8.91
Rainwater Harvesting Trench 1.00 m wide
67.4
R.S.F.NO: 661
A
B
C
D
E
F
G
I
J
K
L
N

SITE PLAN
SCALE 1:200

SITE APPROVAL
Roc No : SWP / BPA / 010311 / 2023
Site Boundary shown as "A to L" and
Numbered as SWP / DTCP / SALEM / Site
Approval No : 196 / 2023

TECHNICAL PERMISSION
Roc No : SWP / BPA / 010311 / 2023
SWP/SALEM/B.P/A.D.TCP No : 04 / 2023

| SL. NO | AREA DETAILS | | SQ.MT |
|---|---|---|---|
| 1 | AREA OF THE LAND AS PER DOCUMENT | (1.194 ACRE) | 4834.00 |
| 2 | AREA OF THE LAND AS PER PATTA | (0.48.34 HEC) | 4834.00 |
| 3 | AREA OF THE LAND AS PER SUPER IMPOSED | | 4779.28 |

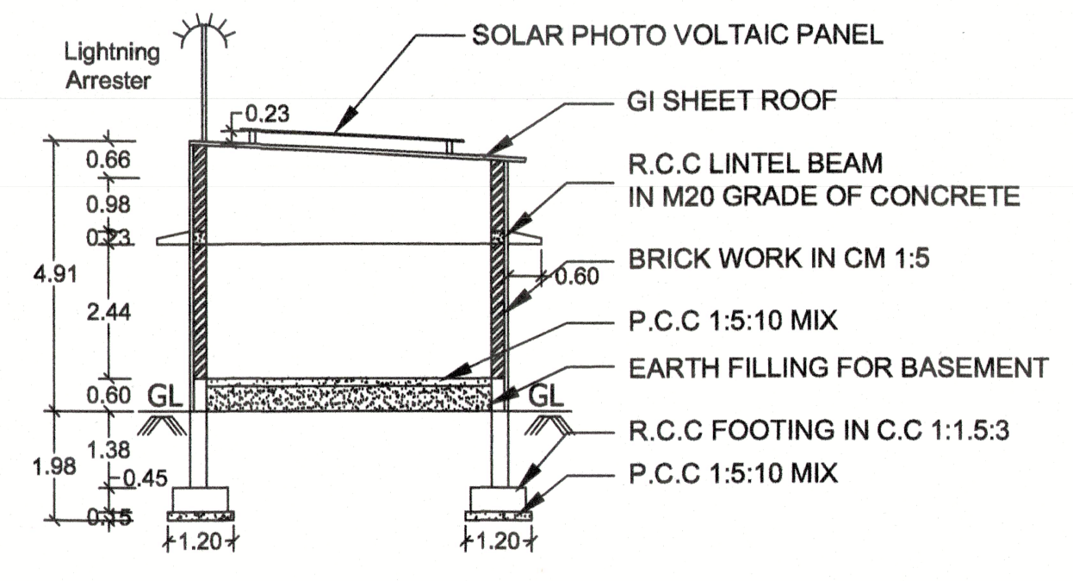
| Block Name | Floor Name | FSI Area in Sq.mt | Non FSI Area in sq.mt | Total Buildup Area in Sq.mt |
|---|---|---|---|---|
| PROPOSED GI SHEET BLOCK-01 | FLOOR - GROUND GI SHEET | 1233.41 | - | 1233.41 |
| PROPOSED GI SHEET BLOCK-02 | FLOOR - GROUND GI SHEET | 68.50 | - | 68.50 |
| PROPOSED GI SHEET BLOCK-03 | FLOOR - GROUND GI SHEET | 23.35 | - | 23.35 |
| PROPOSED GI SHEET BLOCK-04 | FLOOR - GROUND GI SHEET | 6.76 | - | 6.76 |
| | Grand Total | 1332.02 | - | 1332.02 |

Floor Space Index (1332.02 / 4834.00 = 0.275)

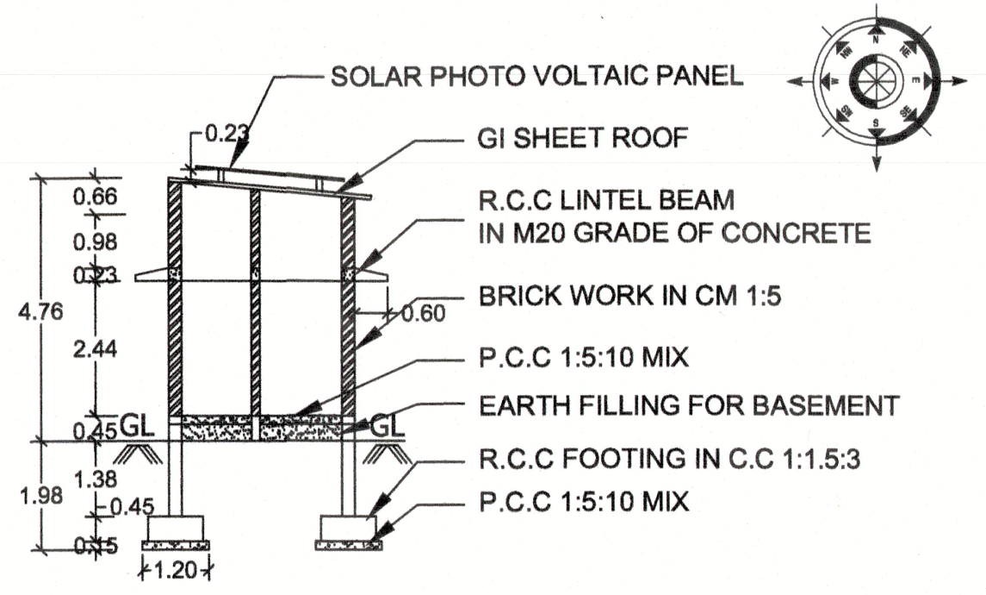
Plot Coverage (1332.02 / 4834.00 X 100) = 27.55 %

| DESCRIPTION | Required | Provided |
|---|---|---|
| Car Parking Stalls | 15 | 21 |
| Two Wheeler Parking Stalls | 27 | 30 |
| Cycle Parking Stalls | 27 | 30 |
| PH Car Parking Stalls | 2 | 2 |
| Lorry Parking Stalls | 3 | 4 |
| Open Space Reservation Area (OSR) | 483.40 Sq.mt (10.00%) | 500.47 Sq.mt (10.35%) |

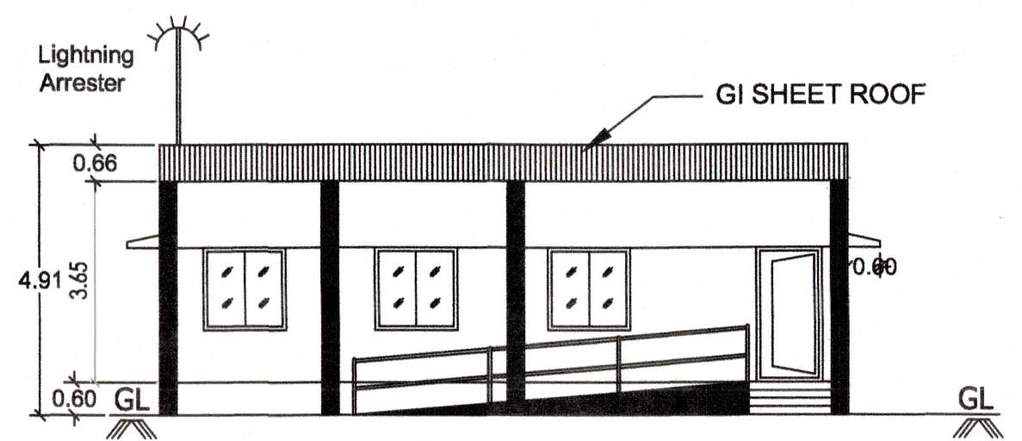
ALL DIMENSIONS ARE IN METER — SCALE 1:100


Lightning Arrester
SOLAR PHOTO VOLTAIC PANEL
GI SHEET ROOF
R.C.C LINTEL BEAM IN M20 GRADE OF CONCRETE
BRICK WORK IN CM 1:5
P.C.C 1:5:10 MIX
EARTH FILLING FOR BASEMENT
R.C.C FOOTING IN C.C 1:1.5:3
P.C.C 1:5:10 MIX
0.23
0.66
0.98
0.23
4.91
2.44
0.60
0.60
GL
1.98
1.38
0.45
0.15
1.20

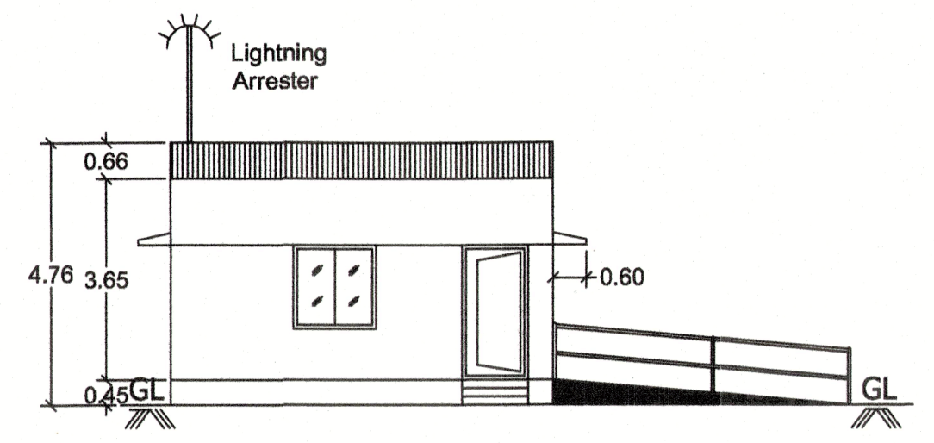
**SECTION ON "CD"**
**(BLOCK-02)**


SOLAR PHOTO VOLTAIC PANEL
GI SHEET ROOF
R.C.C LINTEL BEAM IN M20 GRADE OF CONCRETE
BRICK WORK IN CM 1:5
P.C.C 1:5:10 MIX
EARTH FILLING FOR BASEMENT
R.C.C FOOTING IN C.C 1:1.5:3
P.C.C 1:5:10 MIX
0.23
0.66
0.98
0.23
4.76
2.44
0.60
0.45
GL
1.98
1.38
0.45
0.15
1.20

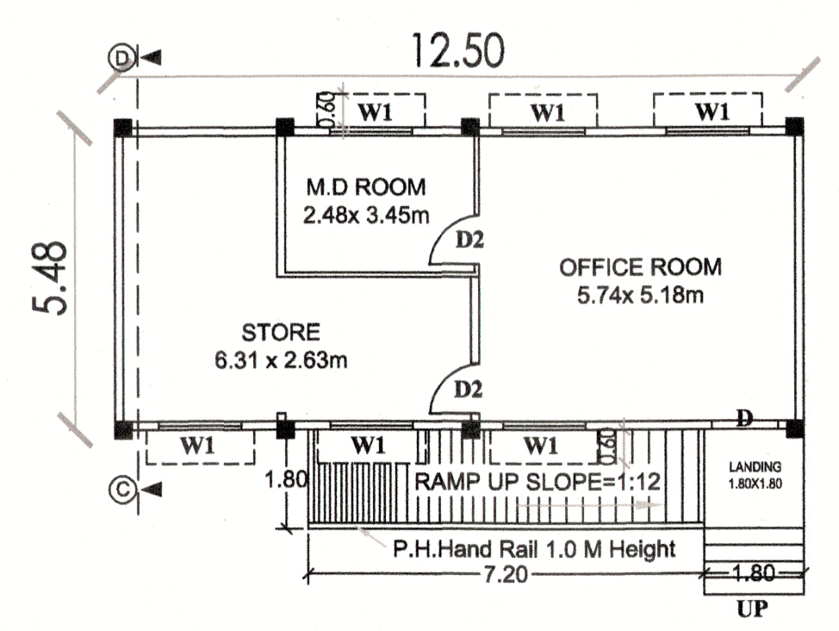
**SECTION ON "EF"**
**(BLOCK-03)**


Lightning Arrester
GI SHEET ROOF
0.66
4.91
3.65
0.60
0.60
GL

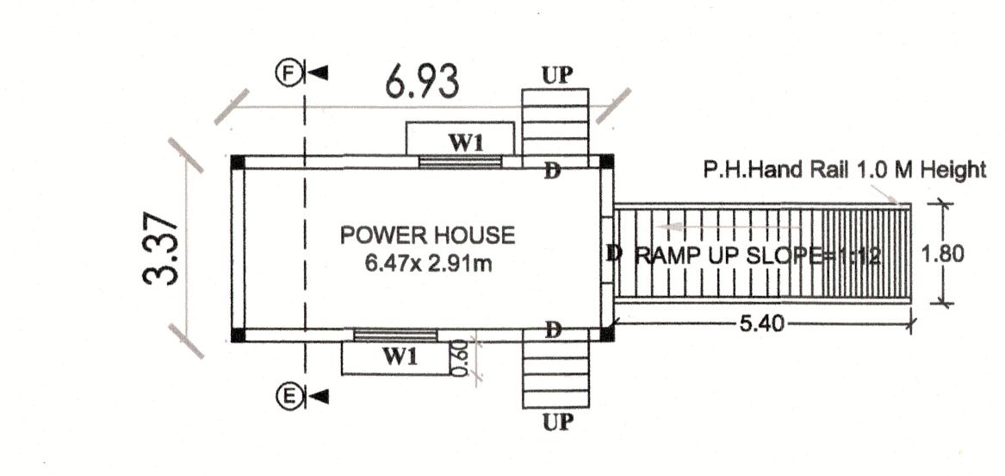
**ELEVATION**
**(BLOCK-02)**


Lightning Arrester
0.66
4.76
3.65
0.60
0.45
GL

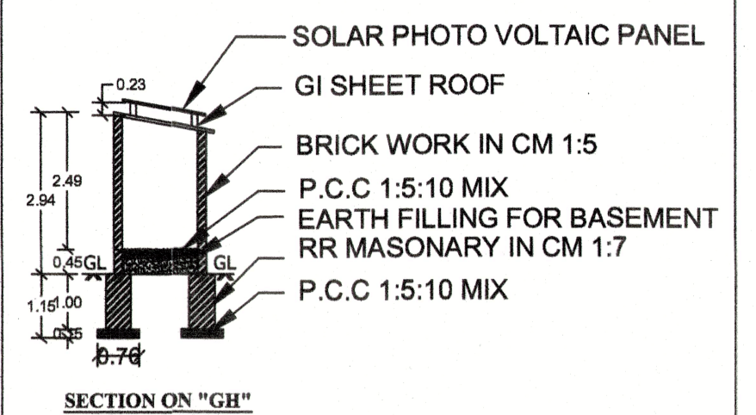
**ELEVATION**
**(BLOCK-03)**


D
12.50
W1
M.D ROOM 2.48x 3.45m
D2
OFFICE ROOM 5.74x 5.18m
5.48
STORE 6.31 x 2.63m
D2
C
1.80
RAMP UP SLOPE=1:12
LANDING 1.80X1.80
P.H.Hand Rail 1.0 M Height
7.20
1.80
UP

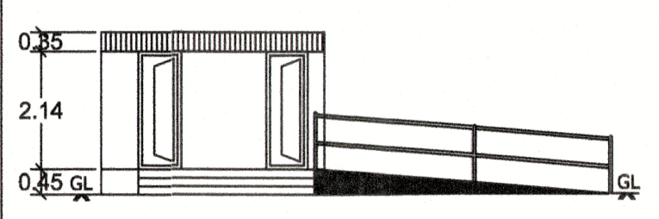
**GROUND FLOOR GI SHEET PLAN**
**(BLOCK-02)**


F
6.93
UP
W1
D
3.37
POWER HOUSE 6.47x 2.91m
P.H.Hand Rail 1.0 M Height
RAMP UP SLOPE=1:12
1.80
5.40
E
UP

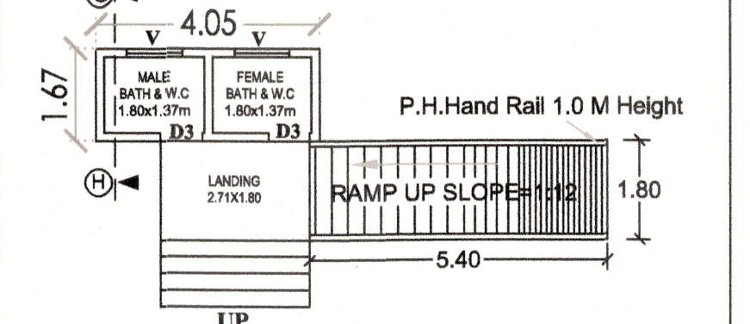
**GROUND FLOOR GI SHEET PLAN**
**(BLOCK-03)**


SOLAR PHOTO VOLTAIC PANEL
GI SHEET ROOF
BRICK WORK IN CM 1:5
P.C.C 1:5:10 MIX
EARTH FILLING FOR BASEMENT
RR MASONARY IN CM 1:7
P.C.C 1:5:10 MIX
0.23
2.49
2.94
0.45
GL
1.15
1.00
0.15
0.76

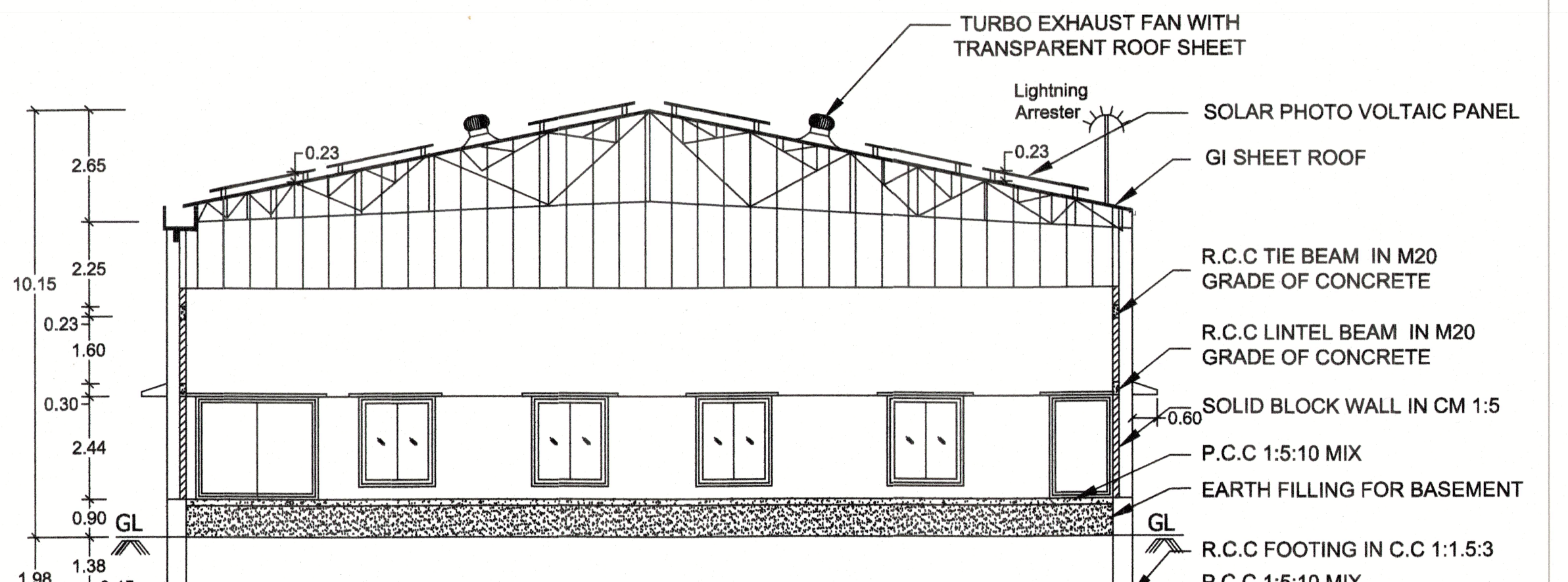
**SECTION ON "GH"**
**(BLOCK-04)**


0.35
2.14
0.45
GL

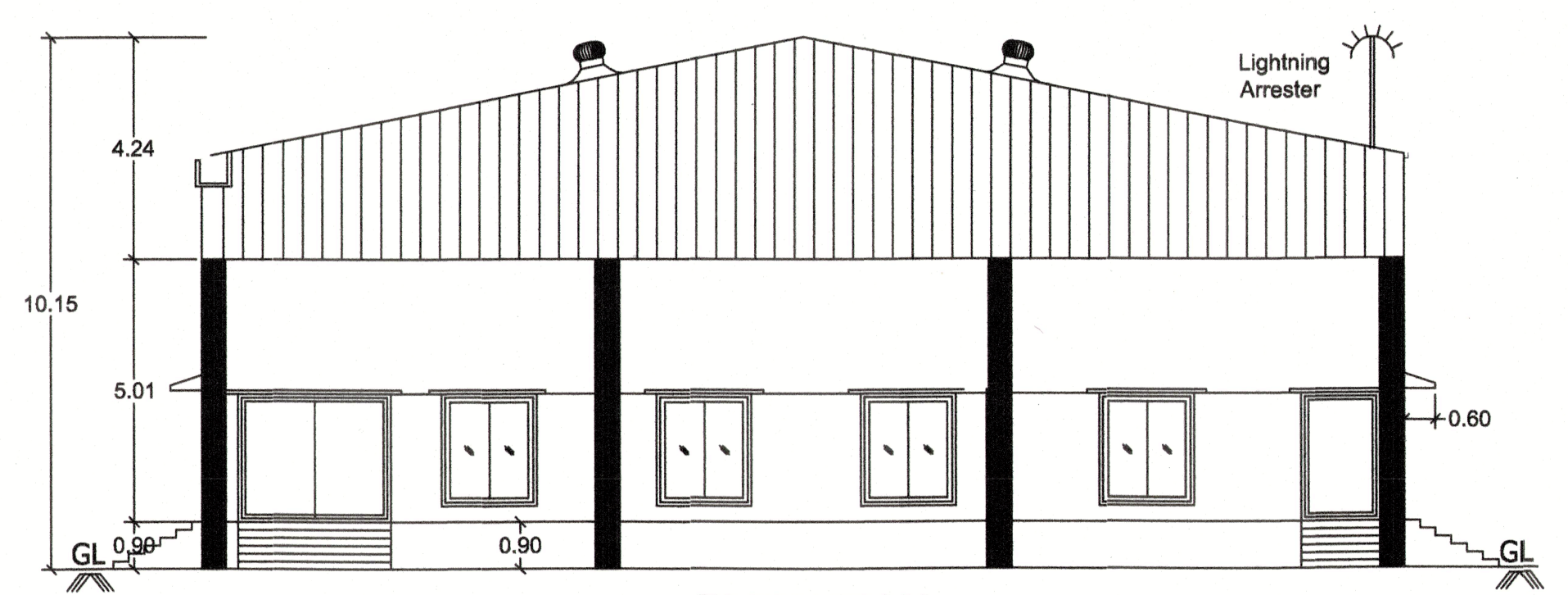
**ELEVATION**
**(BLOCK-04)**


G
4.05
V
MALE BATH & W.C 1.80x1.37m
FEMALE BATH & W.C 1.80x1.37m
D3
1.67
H
LANDING 2.71X1.80
P.H.Hand Rail 1.0 M Height
RAMP UP SLOPE=1:12
1.80
5.40
UP

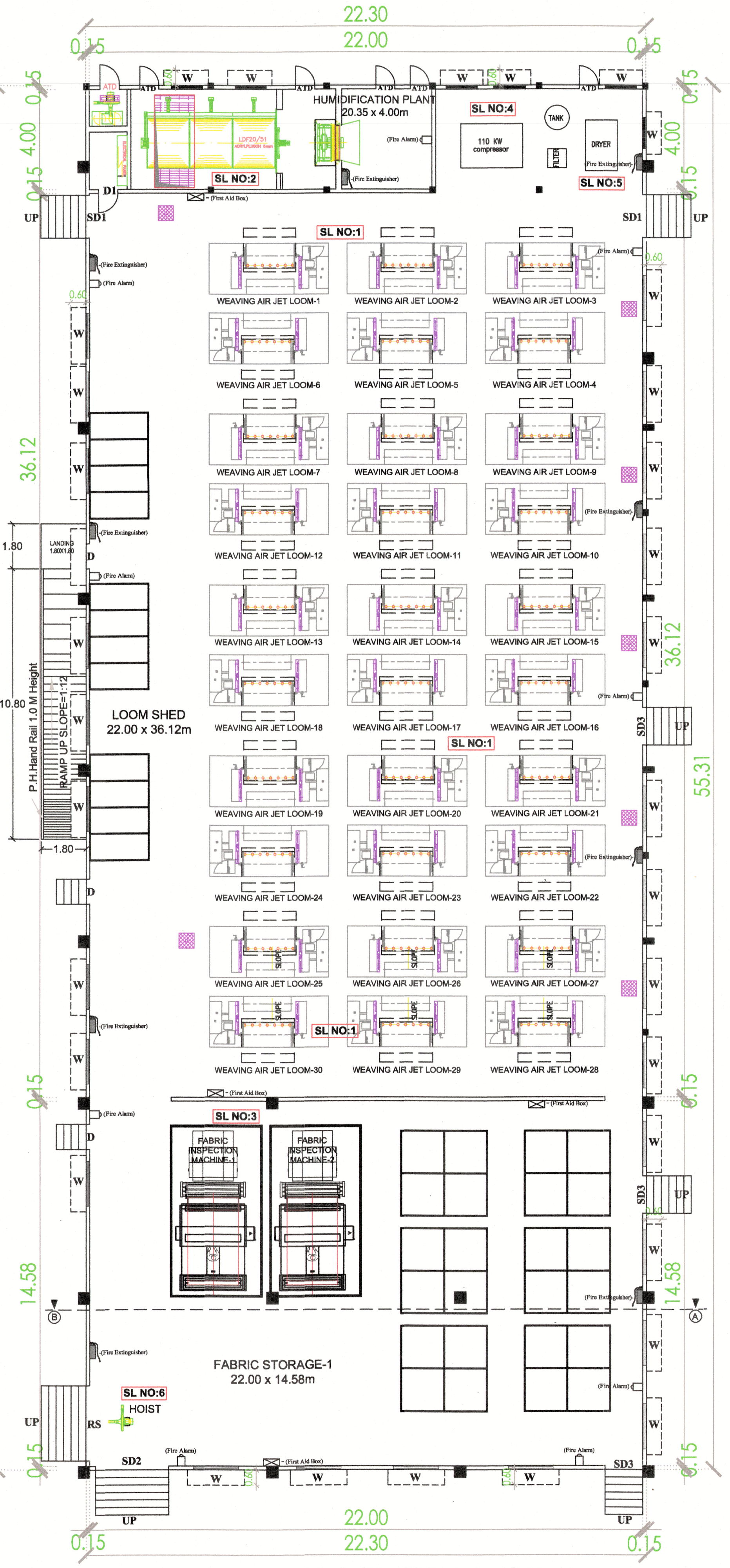
**GROUND FLOOR GI SHEET PLAN**
**(BLOCK-04)**


TURBO EXHAUST FAN WITH TRANSPARENT ROOF SHEET
Lightning Arrester
SOLAR PHOTO VOLTAIC PANEL
GI SHEET ROOF
R.C.C TIE BEAM IN M20 GRADE OF CONCRETE
R.C.C LINTEL BEAM IN M20 GRADE OF CONCRETE
SOLID BLOCK WALL IN CM 1:5
P.C.C 1:5:10 MIX
EARTH FILLING FOR BASEMENT
R.C.C FOOTING IN C.C 1:1.5:3
P.C.C 1:5:10 MIX
0.23
2.65
10.15
2.25
0.23
1.60
0.30
2.44
0.90
GL
0.60
1.98
1.38
0.45
0.15
1.52

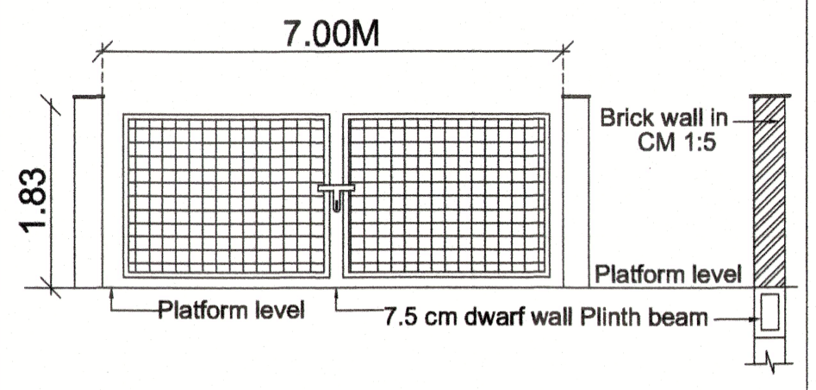
**SECTION ON "AB"**
**(BLOCK-01)**


Lightning Arrester
4.24
10.15
5.01
0.60
GL
0.90
0.90

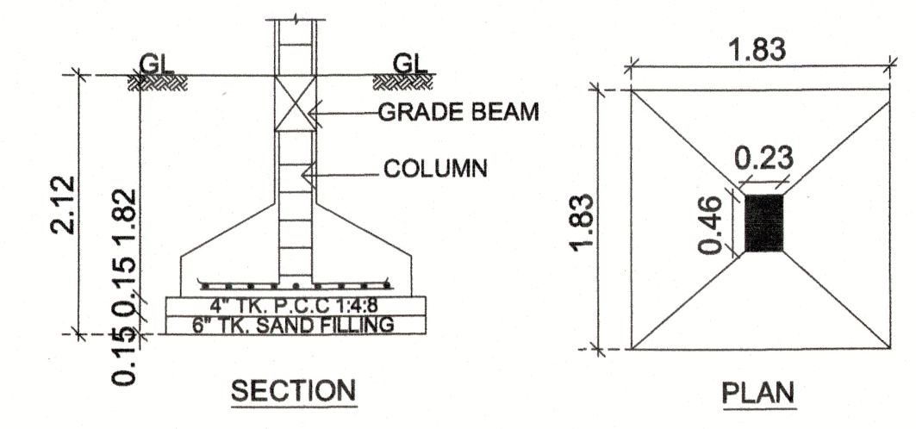
**ELEVATION**
**(BLOCK-01)**


22.30
22.00
0.15
4.00
HUMIDIFICATION PLANT 20.35 x 4.00m
SL NO:2
SL NO:4
110 KW compressor
TANK
FILTER
DRYER
SL NO:5
SD1
UP
SL NO:1
WEAVING AIR JET LOOM-1
WEAVING AIR JET LOOM-2
WEAVING AIR JET LOOM-3
WEAVING AIR JET LOOM-30
36.12
55.31
LOOM SHED 22.00 x 36.12m
P.H.Hand Rail 1.0 M Height
RAMP UP SLOPE=1:12
1.80
10.80
SD3
SL NO:3
FABRIC INSPECTION MACHINE-1
FABRIC INSPECTION MACHINE-2
14.58
FABRIC STORAGE-1 22.00 x 14.58m
SL NO:6
HOIST
RS
SD2
W
D
ATD
(Fire Extinguisher)
(Fire Alarm)
(First Aid Box)

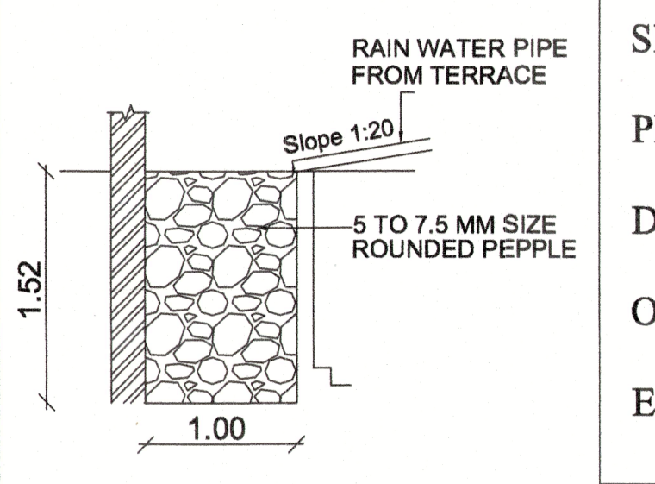
**GROUND FLOOR GI SHEET BUILDING PLAN**
**(BLOCK-01)**


7.00M
1.83
Brick wall in CM 1:5
Platform level
Platform level
7.5 cm dwarf wall Plinth beam

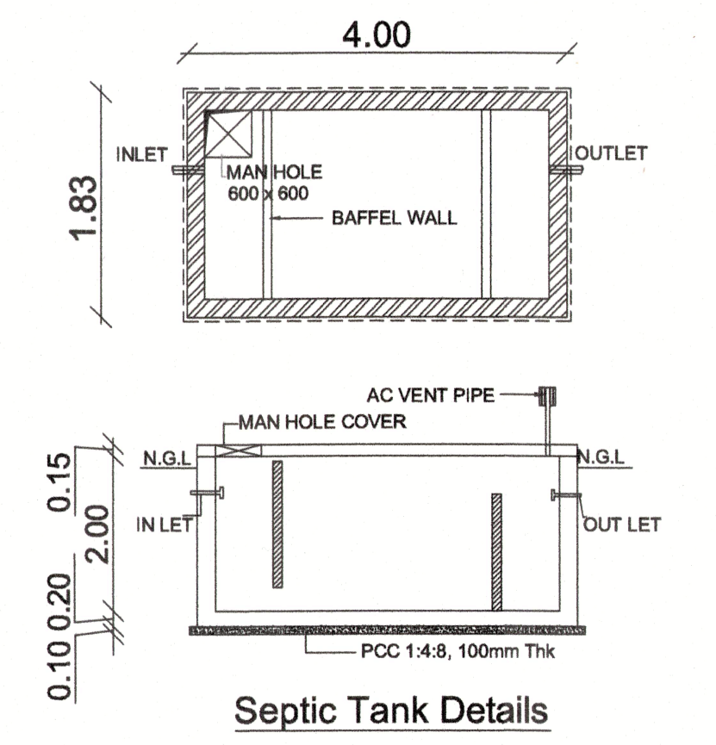
Gate Elevation & Cross Section
Detail of compound wall


GL
GRADE BEAM
COLUMN
2.12
1.82
0.15
0.15
4" TK. P.C.C 1:4:8
6" TK. SAND FILLING
SECTION
1.83
0.23
0.46
1.83
PLAN

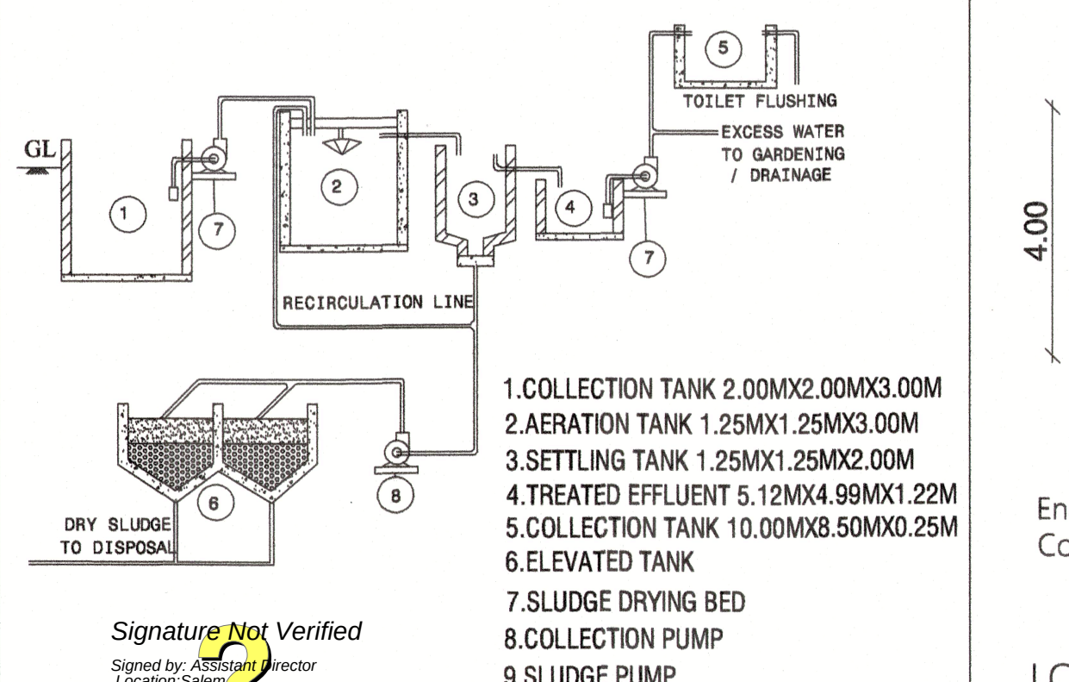
Foundation Details


RAIN WATER PIPE FROM TERRACE
Slope 1:20
5 TO 7.5 MM SIZE ROUNDED PEPPLE
1.52
1.00

Rainwater Harvesting Details

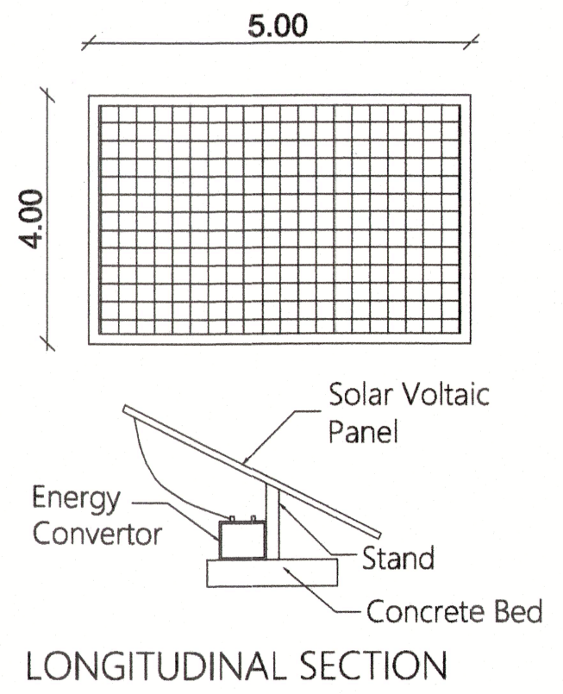

4.00
INLET
MAN HOLE 600 x 600
BAFFEL WALL
OUTLET
1.83
AC VENT PIPE
MAN HOLE COVER
N.G.L
IN LET
OUT LET
0.15
2.00
0.20
0.10
PCC 1:4:8, 100mm Thk

Septic Tank Details


GL
TOILET FLUSHING
EXCESS WATER TO GARDENING / DRAINAGE
RECIRCULATION LINE
DRY SLUDGE TO DISPOSAL
1.COLLECTION TANK 2.00MX2.00MX3.00M
2.AERATION TANK 1.25MX1.25MX3.00M
3.SETTLING TANK 1.25MX1.25MX2.00M
4.TREATED EFFLUENT 5.12MX4.99MX1.22M
5.COLLECTION TANK 10.00MX8.50MX0.25M
6.ELEVATED TANK
7.SLUDGE DRYING BED
8.COLLECTION PUMP
9.SLUDGE PUMP

Signature Not Verified
Signed by: Assistant Director
Location:Salem
Date:2023.08.0? 14:06:57

Sewage Treatment Plant


5.00
4.00
Solar Voltaic Panel
Energy Convertor
Stand
Concrete Bed

LONGITUDINAL SECTION
Solar Panel Details

**COLOUR INDEX**

| | |
|---|---|
| SITE BOUNDRY SHOWN | 🟩 |
| PROPOSED BUILDINGS SHOWN | 🟥 |
| DRIVEWAY SHOWN | 🟪 |
| OSR SHOWN | ▨ |
| EXISTING ROAD SHOWN | 🟨 |

| JOINERY DETAILS | IN METER |
|---|---|
| ROLLING SHUTTER ( RS ) | 3.00 X 2.44 |
| STEEL DOOR ( SD1 ) | 1.70 X 2.44 |
| STEEL DOOR ( SD2 ) | 2.91 X 2.44 |
| STEEL DOOR ( SD3 ) | 1.50 X 2.44 |
| AIR TYPE DOOR (ATD) | 0.75 X 2.44 |
| DOOR (D) | 1.20 X 2.44 |
| DOOR (D1) | 0.76 X 2.44 |
| DOOR (D2) | 0.90 X 2.44 |
| DOOR (D3) | 0.75 X 2.13 |
| WINDOW (W) | 1.80 X 2.14 |
| WINDOW (W1) | 1.50 X 1.50 |
| VENTILATOR (V) | 1.00 X 0.50 |

No. OF WORKERS (GENTS) : 13 Nos.
No. OF WORKERS (LADIES) : 03 Nos.
TOTAL : 16 Nos.

## HORSE POWER (HP) DETAILS

| SL. NO | DESCRIPTION | QTY | HP/MACHINE | TOTAL HP |
|---|---|---|---|---|
| 1 | Weaving Air Jet Loom | 30 | 8.8 | 264 |
| 2 | HF Plant | 1 | 66 | 66 |
| 3 | Fabric Inspection Machine | 2 | 4 | 8 |
| 4 | Air Compressor | 1 | 127 | 127 |
| 5 | Air Dryer | 1 | 16 | 16 |
| 6 | Hoist | 2 | 3.6 | 7.2 |
| 7 | Hi-Pressure Pump | 1 | 2 | 2 |
| 8 | RO Water Pump | 1 | 1 | 1 |
| 9 | Bore Well Motor | 1 | 5 | 5 |
| 10 | RO Pump | 1 | 2.95 | 2.95 |
| 11 | Rejection Pump | 1 | 2.95 | 2.95 |
| 12 | Raw Water Pump | 1 | 2.95 | 2.95 |
| 13 | Lighting Load | 1 | 2.95 | 2.95 |
| | | | TOTAL HP | 508.0 |

For SHRI SAI WEAVES
N. [illegible]
C. Raj[illegible]
D. [illegible]
PARTNER

APPLICANT

Er. S. GOPALAKRISHNAN, B.E.,M.E.,(Str).,
AMIE.,CE(I).,FIV.,MISTE.,
REGISTERED STRUCTURAL ENGINEER (RSE)
REG. No. RDD SALEM / RSE-1/002/2019 (VALID UPTO 31-03-2024)
GK PLANNERS
206, Kanjikovil Road, Perundurai, Erode-638 052.

REGISTERED STRUCTURAL ENGINEER (RSE)

Er.S.GOPALAKRISHNAN.,B.E.,M.E.,(Str).,
AMIE.,CE(I).,FIV.,MISTE.,
REGISTERED ENGINEER (RE),
REG. NO: RDD SALEM/RE-1/008/2019, (VALID UPTO 31.03.2024),
GK PLANNERS, 206, KANJIKOVIL ROAD,
PERUNDURAI - 638 052.

REGISTERED ENGINEER (RE)