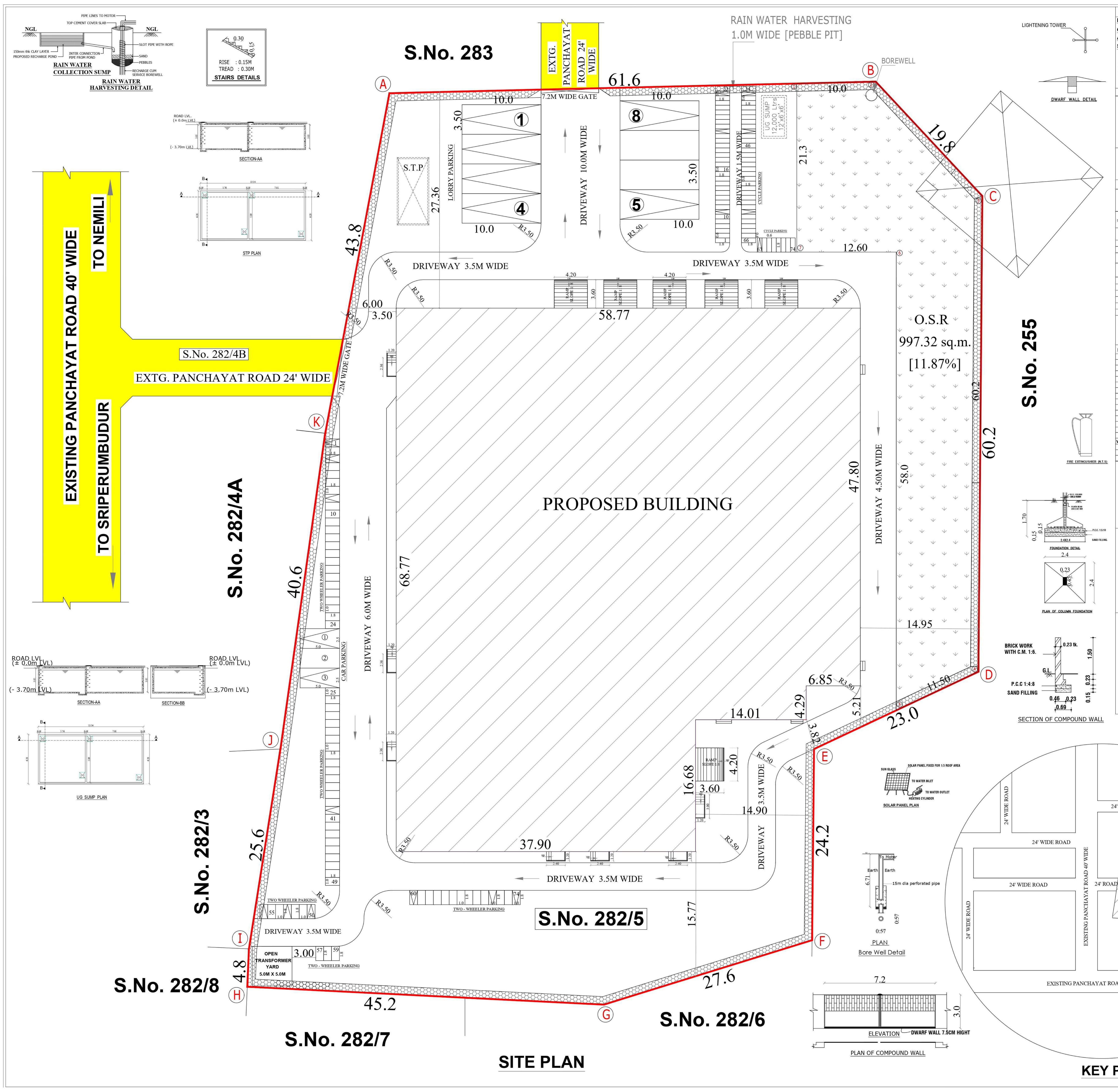
RAIN WATER HARVESTING DETAIL
RAIN WATER COLLECTION SUMP
NGL
PIPE LINES TO MOTOR
TOP CEMENT COVER SLAB
SLOT PIPE WITH ROPE
SAND
PEBBLES
RECHARGE CUM SERVICE BOREWELL
150mm thk CLAY LAYER
PROPOSED RECHARGE POND
INTER CONNECTION PIPE FROM POND
STAIRS DETAILS
RISE : 0.15M
TREAD : 0.30M
SECTION-AA
STP PLAN
UG SUMP PLAN
SECTION-BB
ROAD LVL (± 0.0m LVL)
(- 3.70m LVL)
S.No. 283
EXTG. PANCHAYAT ROAD 24' WIDE
EXISTING PANCHAYAT ROAD 40' WIDE
TO NEMILI
TO SRIPERUMBUDUR
S.No. 282/4B
S.No. 282/4A
S.No. 282/3
S.No. 282/8
S.No. 282/7
S.No. 282/5
S.No. 282/6
S.No. 255
RAIN WATER HARVESTING 1.0M WIDE [PEBBLE PIT]
BOREWELL
LIGHTENING TOWER
DWARF WALL DETAIL
A
B
C
D
E
F
G
H
I
J
K
61.6
19.8
60.2
23.0
24.2
27.6
45.2
4.8
25.6
40.6
43.8
7.2M WIDE GATE
LORRY PARKING
S.T.P
DRIVEWAY 10.0M WIDE
DRIVEWAY 3.5M WIDE
DRIVEWAY 1.5M WIDE
CYCLE PARKING
UG SUMP 12,000 Ltrs 12'x6'x6'
DRIVEWAY 6.0M WIDE
DRIVEWAY 4.50M WIDE
TWO WHEELER PARKING
CAR PARKING
RAMP SLOPE 1:8
PROPOSED BUILDING
O.S.R
997.32 sq.m.
[11.87%]
58.77
68.77
47.80
37.90
14.01
16.68
14.95
14.90
6.85
4.29
3.82
5.21
58.0
21.3
12.60
27.36
OPEN TRANSFORMER YARD 5.0M X 5.0M
3.00
15.77
R3.50
SITE PLAN
FIRE EXTINGUISHER (N.T.S)
FOUNDATION DETAIL
PLAN OF COLUMN FOUNDATION
BRICK WORK WITH C.M. 1:6.
G.L.
P.C.C 1:4:8
SAND FILLING
0.23 tk.
SECTION OF COMPOUND WALL
SOLAR PANEL PLAN
SUN GLASS
SOLAR PANEL FIXED FOR 1/3 ROOF AREA
TO WATER INLET
TO WATER OUTLET
HEATING CYLINDER
To Motor
Earth
15m dia perforated pipe
PLAN
Bore Well Detail
7.2
3.0
ELEVATION
DWARF WALL 7.5CM HIGHT
PLAN OF COMPOUND WALL
24' WIDE ROAD
CHILDRENS PLAY SPACE
24' ROAD
PRO.SITE
EXISTING PANCHAYAT ROAD 40' WIDE
KEY PLAN

SHEET No. 2/2

PLAN SHOWING THE PROPOSED CONSTRUCTION OF A INDUSTRIAL BUILDING AT S.No. 282/5, NEMILI 'B' VILLAGE, SRIPRUMBUDUR TALUK & KANCHIPURAM DISTRICT.

Category :- *Green*
TNCD&BR 2019 :- *Annexure - VI*
Manufacturing :- *Polythene, plastic and PVC goods through extraction/moulding*

ALL DIMENSIONS ARE IN METRES | *SCALE 1:100*

COLOUR INDEX

- PROPOSED BUILDING ▭
- EXISTING ROAD ▭
- PLOT BOUNDARY ▭
- DRIVEWAY ▭

NORTH POINT N W E S

NOTE

MECHANICAL VENTILATION PROVIDED
FIRE EXTINGUISHERS PROVIDED

AREA DETAILS

PLOT AREA (As per Patta) : 8400.00 [SQ.MT.]
PLOT AREA (As per Document) : 8383.50 [SQ.MT.]

SL.NO	DESCRIPTION	NON FSI AREA IN Sq.m	FSI AREA IN Sq.m	TOTAL BUILTUP AREA IN Sq.m
1.	FACTORY BUILDING GROUND FLOOR	-	3664.18	3664.18
	TOTAL	-	3664.18	3664.18

DESCRIPTION	CALCULATION	PERMISSIBLE MAX FSI	PROPOSED
FLOOR SPACE INDEX	3664.18 8400.00	1.5	0.436

PARKING DETAILS

	REQUIRED	PROVIDED
LORRY PARKING	8 No's	8 No's
CAR PARKING	3 No's	3 No's
TWO WHEELER PARKING	74 No's	74 No's
CYCLE PARKING	74 No's	74 No's

OSR DETAILS

OSR PROVIDED
997.32 sq.m. [11.87%]

SANITATION DETAILS

i] Ladies Toilet => Wc - 5 Nos
ii] Gents Toilet => Wc - 4 No
Urinals - 8 Nos

MACHINARY DETAILS

SL.No.	Machine Name	HP	Nos	TOTAL HP
1	Compressor	10	2	20
2	Lamination Plant	120.7	1	120.7
3	Extruder	190.4	1	190.4
4	Looms	4.7	30	141
5	Testing Machine	1	1	1
6	Testing Machine	13.4	1	13.4
7	Stitching Machine	0.5	2	1
8	Cutting Machine	15	2	30
9	Cutting Machine	6.7	2	13.4
10	Printing Machine	8	1	8
11	Baling Machine	13.4	1	13.4
12	Compressor	10	1	10
	TOTAL			562.3

WORKERS DETAILS

MALE	-	80
FEMALE	-	40
TOTAL	-	120

C. R

OWNER'S SIGNATURE

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Structural Engineer Grade - I (SE)
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STRUCTURAL ENGINEER

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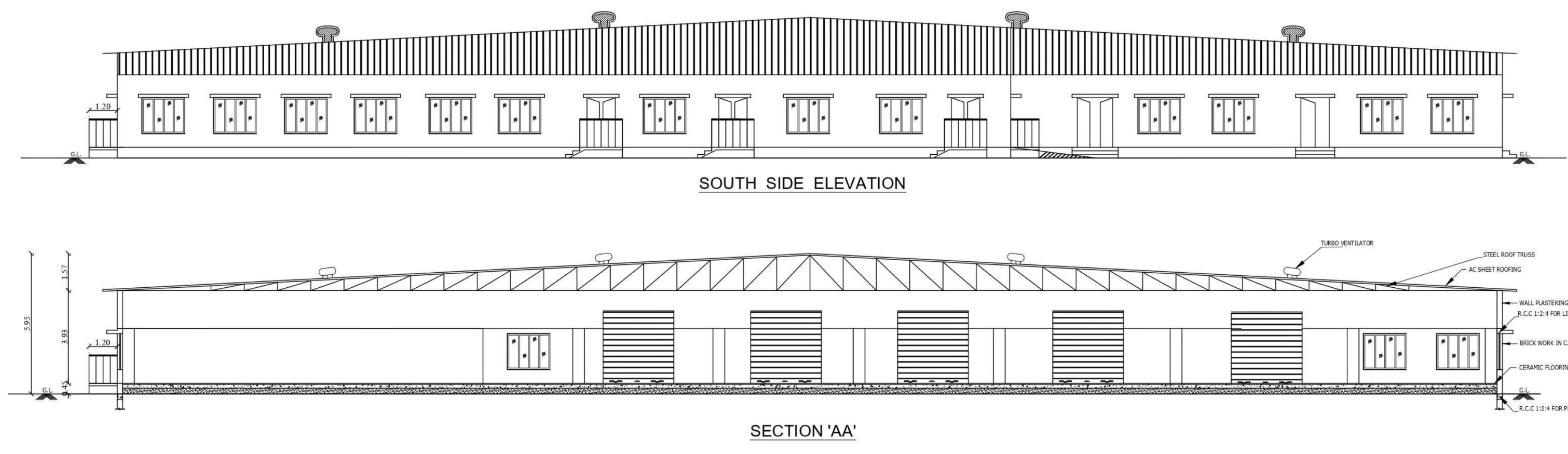
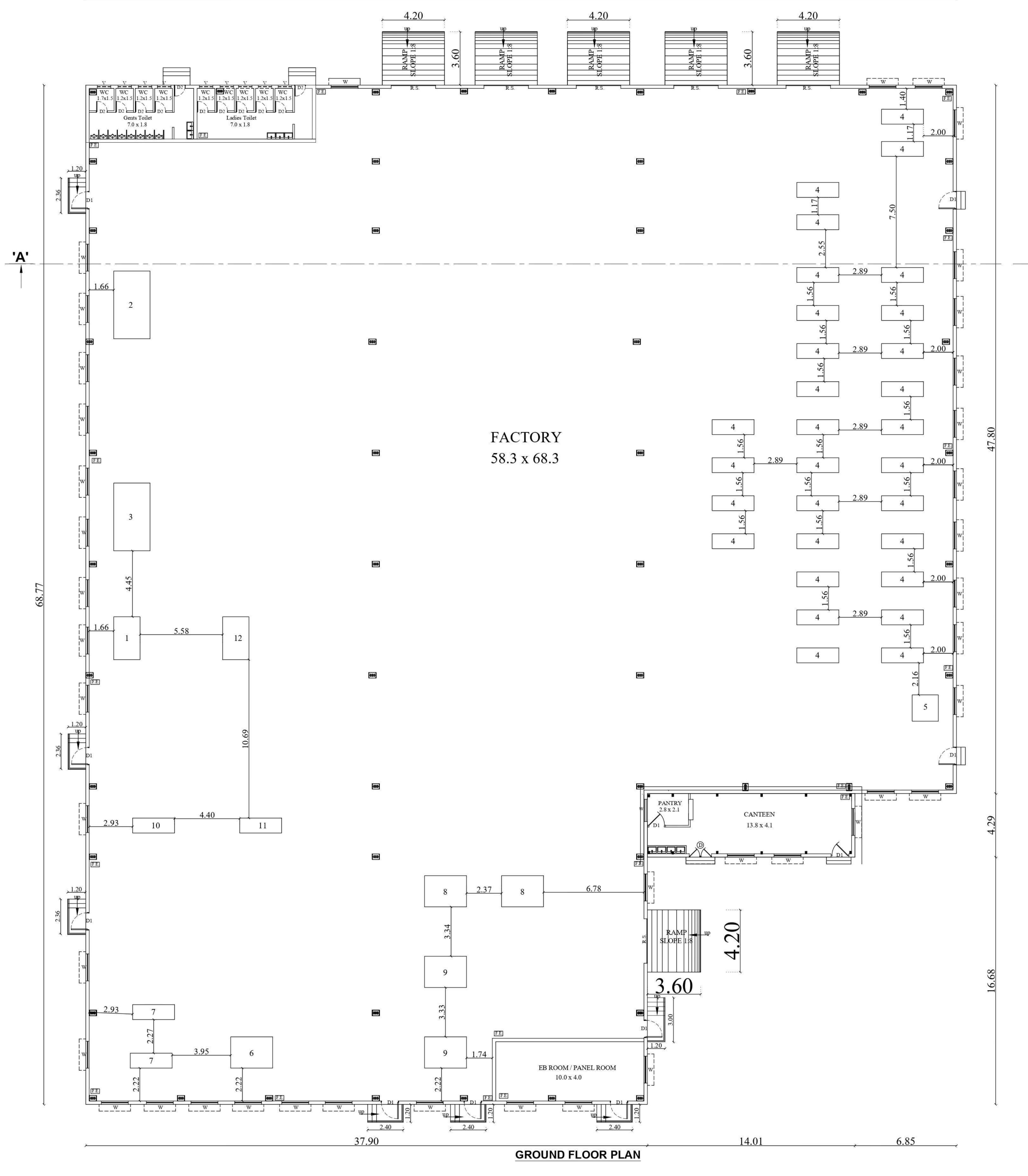
Reg. No: CA/98/24015 / ITPI: 2001-088, IIA: A15017
Reg. No: CGLRGN / RA / Gr-I / 2019 / 04 / 002

ARCHITECT SIGNATURE

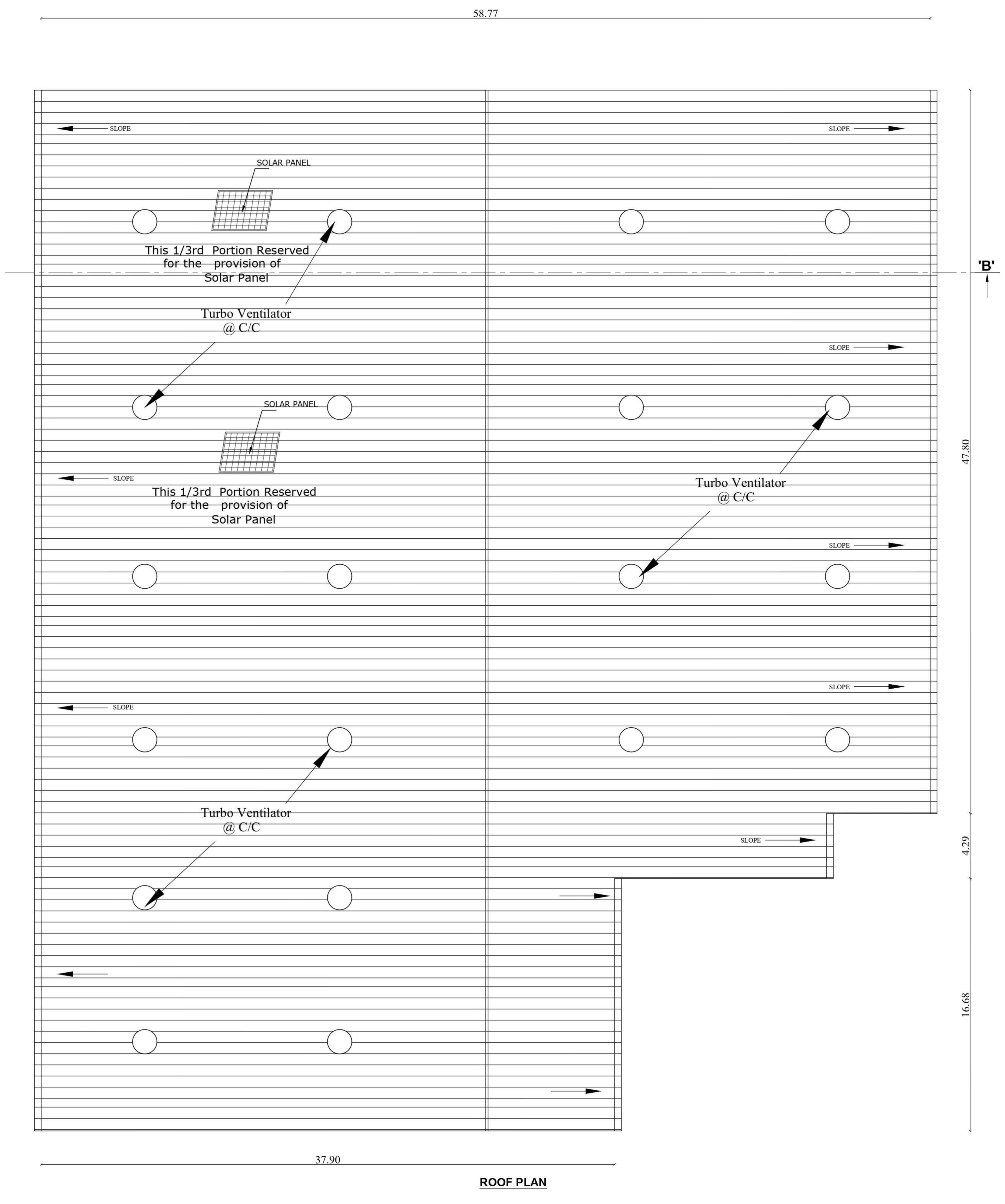

TURBO VENTILATOR
STEEL ROOF TRUSS
AC SHEET ROOFING
WALL PLASTERING IN C.M. 1:5
R.C.C 1:2:4 FOR LINTEL CUM SUNSHADE
BRICK WORK IN C.M. 1:6
CERAMIC FLOORING
G.L.
R.C.C 1:2:4 FOR PLINTH BEAM
1.20
5.95
3.91
1.57

SOUTH SIDE ELEVATION

SECTION 'AA'


58.77
4.20
3.60
RAMP SLOPE 1:8
up
R.S.
W
V
D1
D2
F.E.
WC 1.7x1.5
WC 1.2x1.5
Gents Toilet 7.0 x 1.8
Ladies Toilet 7.0 x 1.8
'A'
FACTORY
58.3 x 68.3
68.77
47.80
4.29
16.68
1.66
2.93
4.45
5.58
10.69
4.40
2.27
3.95
2.22
2.37
6.78
3.34
3.33
1.74
1.40
1.17
2.00
7.50
2.55
2.89
1.56
2.16
1.20
2.36
2.40
PANTRY 2.8 x 2.1
CANTEEN 13.8 x 4.1
EB ROOM / PANEL ROOM 10.0 x 4.0
37.90
14.01
6.85

GROUND FLOOR PLAN


58.77
SLOPE
SOLAR PANEL
This 1/3rd Portion Reserved for the provision of Solar Panel
Turbo Ventilator @ C/C
'B'
47.80
4.29
16.68
37.90

ROOF PLAN

SHEET No. 1/2

PLAN SHOWING THE PROPOSED CONSTRUCTION OF A INDUSTRIAL BUILDING AT S.No. 282/5, NEMILI 'B' VILLAGE, SRIPRUMBUDUR TALUK & KANCHIPURAM DISTRICT.

Category :- *Green*
TNCD&BR 2019 :- *Annexure - VI*
Manufacturing :- *Polythene, plastic and PVC goods through extraction/moulding*

ALL DIMENSIONS ARE IN METRES | *SCALE 1:100*

SCHEDULE OF JOINERY

R.S.	ROLLING SHUTTER	10'0" X 10'0"	[3.00 X 3.00]
D	DOOR	5'0" X 7'0"	[1.50 X 2.13]
D1	DOOR	3'0" X 7'0"	[0.91 X 2.13]
D2	DOOR	2'6" X 7'0"	[0.76 X 2.13]
W	WINDOW	6'0" X 5'0"	[1.80 X 1.52]
V	VENTILATOR	3'0" X 2'0"	[0.91 X 0.61]

COLOUR INDEX

- PROPOSED BUILDING ▭
- EXISTING ROAD ▭
- PLOT BOUNDARY ▭
- DRIVEWAY ▭

NORTH POINT N W E S

SPECIFICATION

FOUNDATION
FOUNDATION AND BASEMENT IN RCC COLUMN AND PLINTH BEAM OVER A BED OF RCC 1:4:8, 6"THICK AS PER STRUCTURAL DETAILS.
SUPER STRUCTURE:-
SUPER STRUCTURE IN23 TH. ,11.5TH.COUNTRY BURNT BRICK WALLS WITH CEMENT MORTOR 1:5
RCC MEMBERS
FOOTING , COLUMNS, PLINTH BEAMS ,LINTEL,SUNSHADE, FLOOR, ROOF BEAMS, SLABS & STAIR WITH RCC 1:1.5:3 USING 20MM NOMINAL SIZE BROCKEN STONES.
PLASTERING
WALLS INSIDE & OUTSIDE IN CM 1:5, 12mm TH.CEILING IN CM 1:3 9mm TH.
PAINTING
FINISHING THE WALL , CEILING WITH CEMENT PAINT OVER & PRIMING COAT
FLOORING
FINISHING THE FLOOR WITH 20 TH GRANO FLOORING OVER A BED OF PCC 1:4:8 6"TH. AND RIVER SAND
DOORS & WINDOWS
DOORS WITH COUNTRY WOODEN FRAMES, 32 TH. FLUSH DOOR SHUTTERS, SS FASTENINGS, PAINT FINISH
WINDOWS WITH MEDIUM ANODISED ALUMINIUM OPENABLE SHUTTERS WITH 4 mm GLASS & STANDARD FASTENINGS

C. R

OWNER'S SIGNATURE

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ARCHITECT SIGNATURE

Signature Not Verified
Signed by: Deputy Director
Location:Kancheepuram
Date:2023.04.24 13:16:10