

PLAN SHOWING THE PROPOSED CONSTRUCTION OF " MANUFACTURINGOF STEEL, TRUCKS AND SUITCASES" INDUSTRIAL BUILDING AT PLOT NO:24, S.NO.70/5(PART),
SIDCO INDUSTRIAL ESTATE, PATTANAM VILLAGE AND PANCHAYAT, TINDIVANAM TALUK, VILLUPURAM DISTRICT.
APPLICANT : Mr.R.SELVAKUMAR, PROPRIETOR OF SRI SAI ENGINEERING WORKS

W

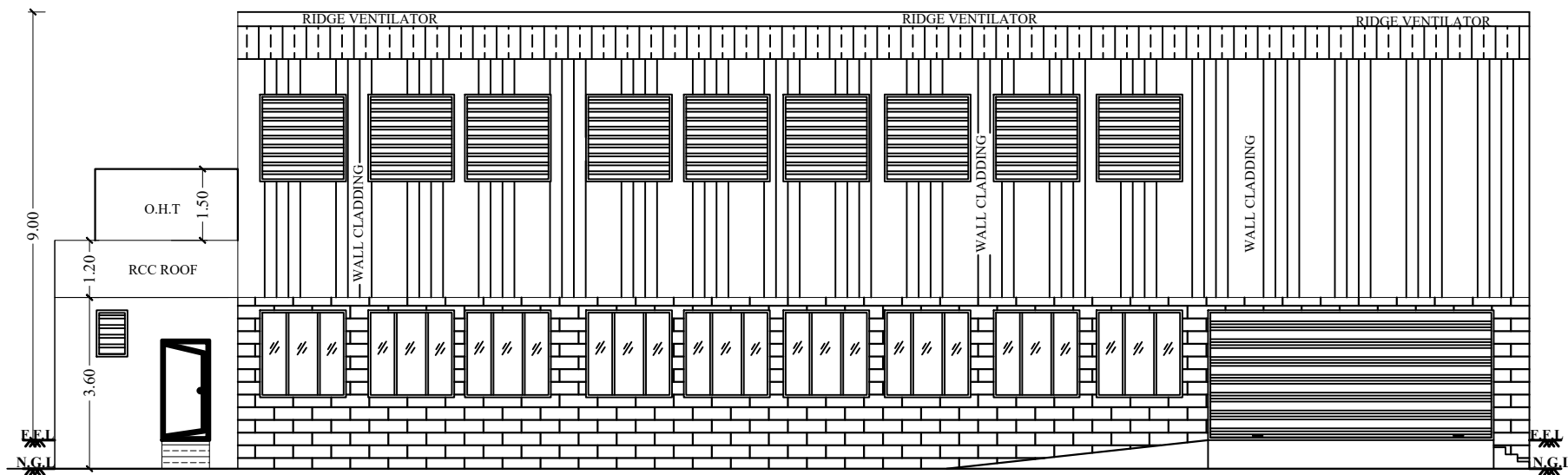
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S

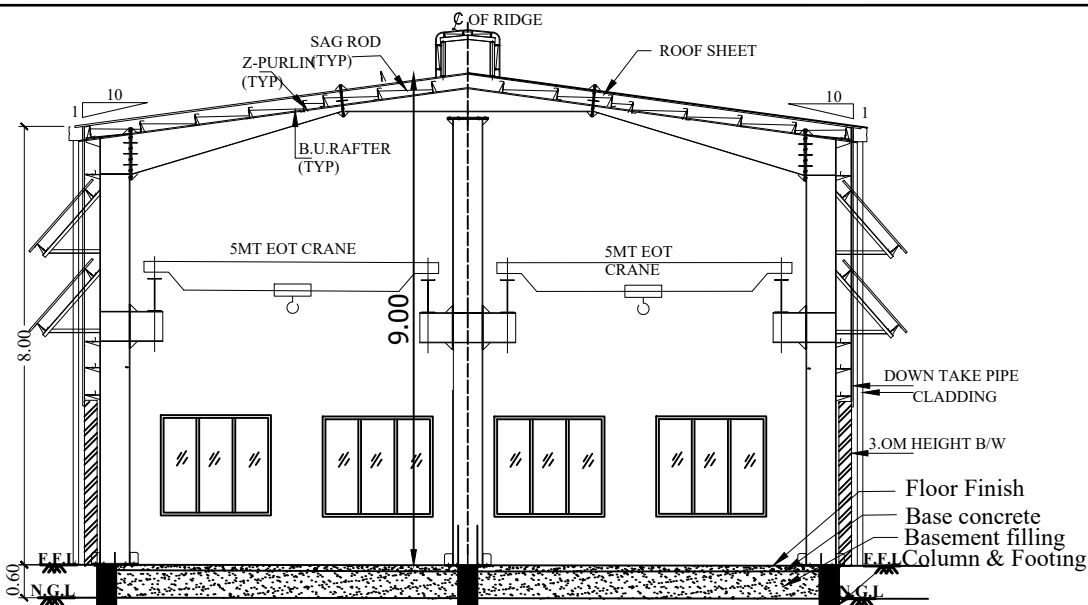
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ALL DIMENSIONS ARE IN "METER"

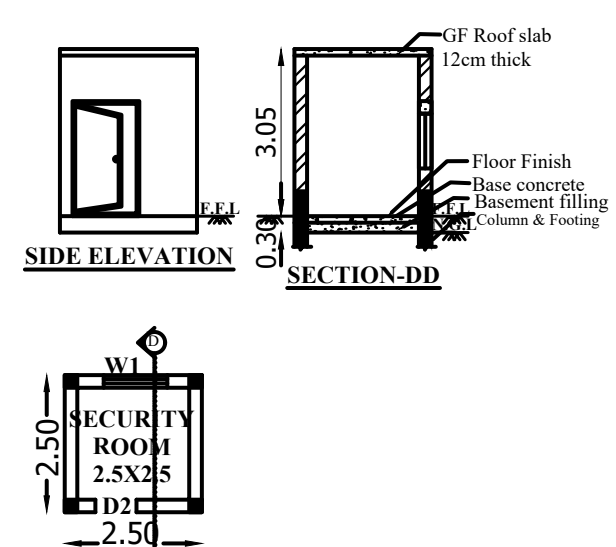
SHEET:1/2
Scale = 1:100
Size : A1



ELEVATION- SOUTH FACING (BLOCK-1)



SECTION-AA (BLOCK-1)



SECURITY ROOM PLAN

JOINERY DETAILS			
R.S	-	ROLLING SHUTTER	: 6.00 X 2.44
R.S1	-	ROLLING SHUTTER	: 3.00 X 2.44
SD	-	DOOR	: 1.20 X 2.13
SD1	-	DOOR	: 0.90 X 2.13
D	-	DOOR	: 0.90 X 2.13
D1	-	DOOR	: 0.75 X 2.13
W	-	WINDOW	: 2.00 X 2.00
V	-	VENTILATOR	: 2.00 X 2.00
V1	-	VENTILATOR	: 0.65 X 0.90
FE	-	FIRE EXTINGUISHER	
FA	-	FIRE ALARM	
SB	-	SAND BUCKET	

AREA DETAILS

Site Area as per Patta : 0.25Acre / 1011.47 Sq.m
Site Area as per FMB : 0.25Acre / 1011.64 Sq.m

BLOCK - 1: MAIN BUILDING

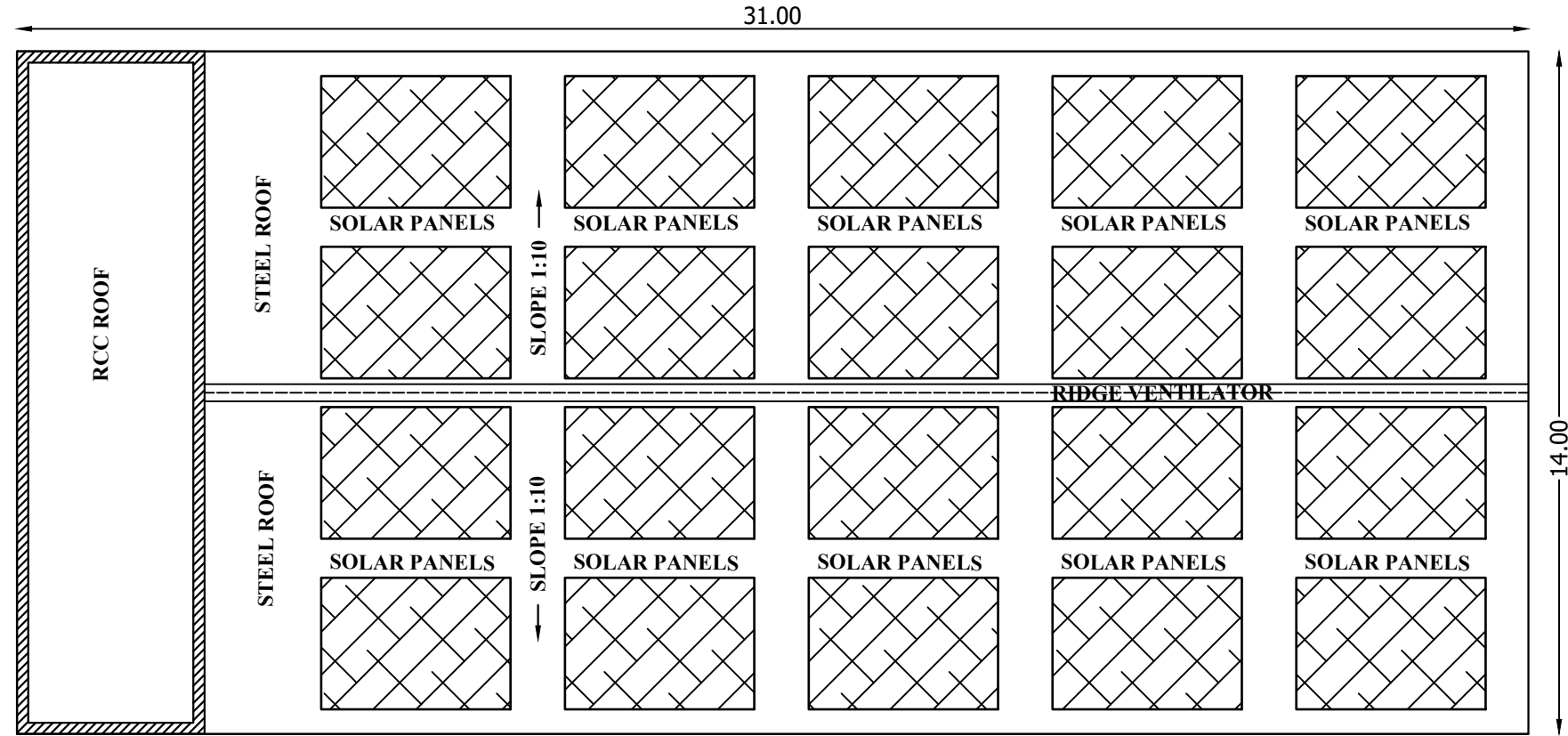
FLOOR AREA DETAILS	FSI Area (Sq.m)	NON FSI Area (Sq.m)	Total building Area (Sq.m)
GROUND FLOOR AREA	434.00	-	434.00

TOTAL FSI AREA = 434.00 Sq.m / 4671.57 Sq.ft
FSI = 434/1011.47 = 0.43 < 1.5
PC = (434/1011.47)X100 = 42.9%

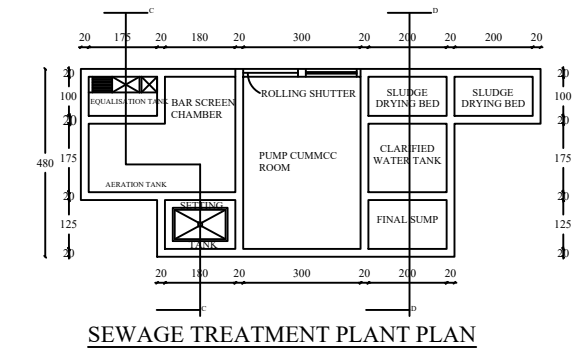
SECURITY ROOM = 6.25 Sq.m (NON-FSI AREA)

SPECIFICATION

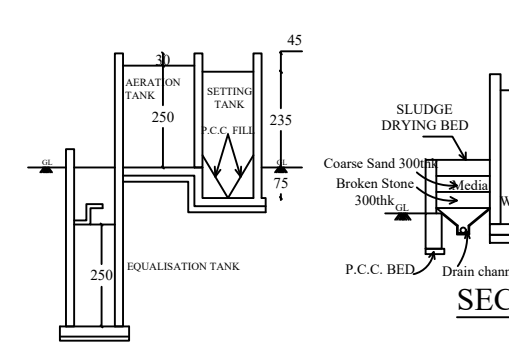
FOUNDATION AND BASEMENT FILLING WITH RIVER SAND. FOUNDATION CONCRETE WITH PLAIN CEMENT CONCRETE 1:4:8. USING 40MM SIZE STONE JELLY. COLUMN FOOTING, SLOPED PORTION, COLUMN, GRADE BEAM, LINTEL CUM SUNSHADE, T AND L BEAMS, ROOF, GATE, PILLARS, CULVERT DECK SLAB ETC. WITH REINFORCED CEMENT CONCRETE 1:1.5:3 USING 20MM SIZE STONE JELLY WITH ADEQUATE REINFORCEMENT. BRICK WORK WITH CEMENT MORTAR 1:5. USING 1ST CLASS BRICKS. PLASTERING WITH CEMENT MORTAR 1:5. 12MM THICK AND OVER CONCRETE AND CEILING PLASTERING WITH CEMENT MORTAR 1:3. 12MM THICK. FLOOR BASE WITH P.C.C 1:4:8 AND FLOOR FINISH WITH P.C.C 1:1.5:3. COLOR WASHING WITH TWO COATS OF CEMENT PAINT INCLUDING ONE BASE COAT. SYNTHETIC ENAMEL PAINTING 2-COATS WITH 1-PRIMING COAT FOR ALL STEEL AND WOOD WORKS. WEATHERING COURSE WITH BRICKBAT LIME CONCRETE OVER THE ROOF. BRICK PARTITION WITH CEMENT MORTAR 1:4 USING 1ST CLASS BRICKS.



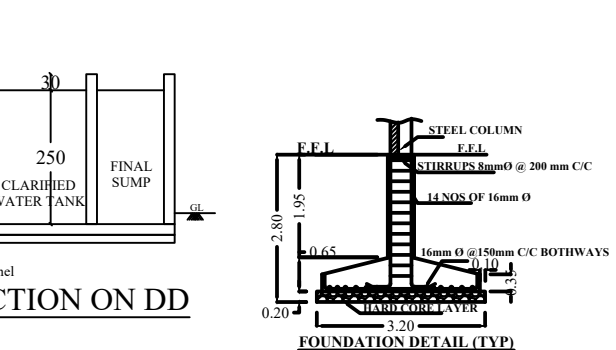
ROOF PLAN (BLOCK-1)



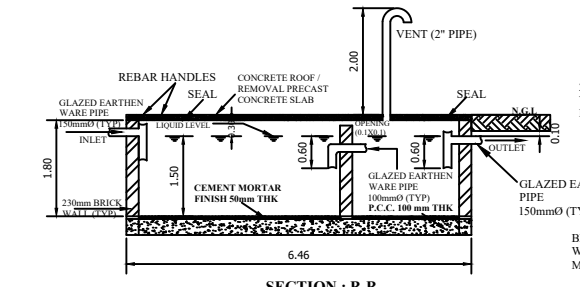
SEWAGE TREATMENT PLANT PLAN



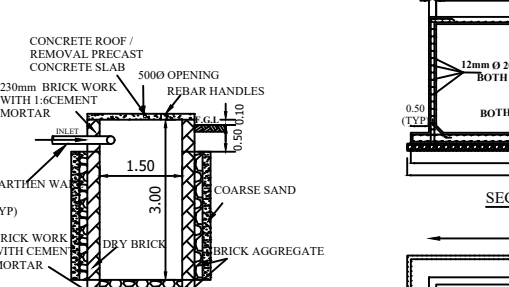
SECTION ON CC



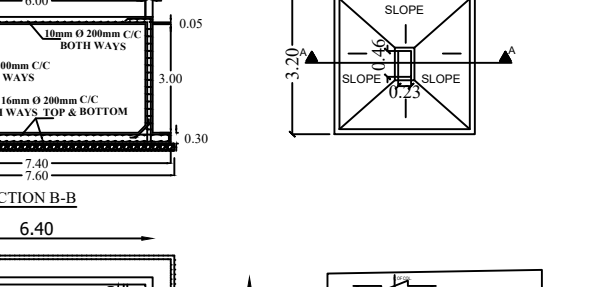
SECTION ON DD



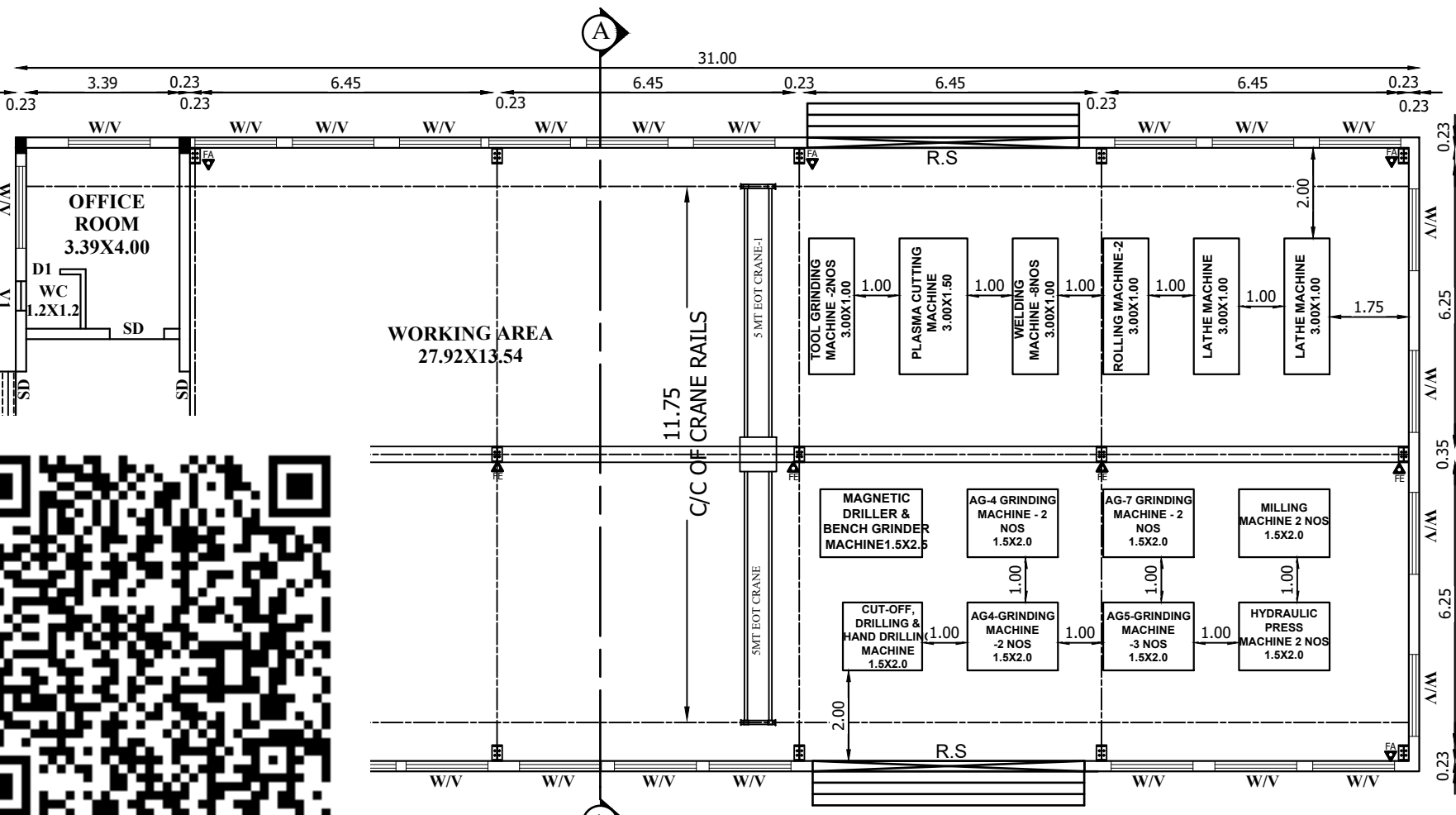
SECTION : B-B



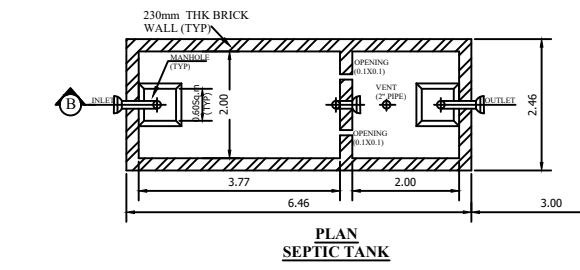
SECTION C-C



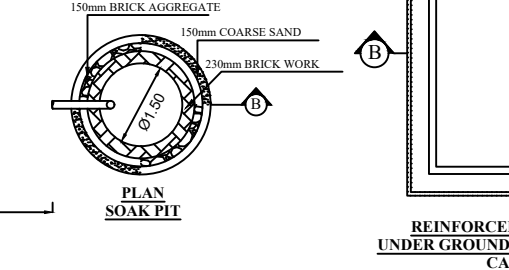
REINFORCEMENT DETAIL FOR SUMP UNDER GROUND RAW WATER SEWAGE SUMP CAPACITY - 108 M³



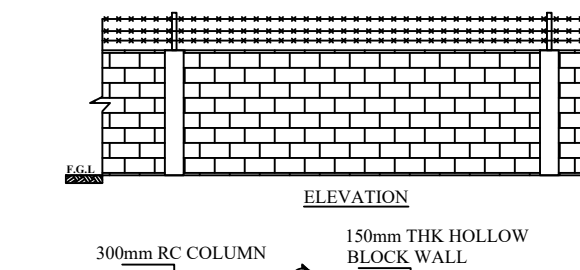
GROUND FLOOR PLAN (BLOCK-1)



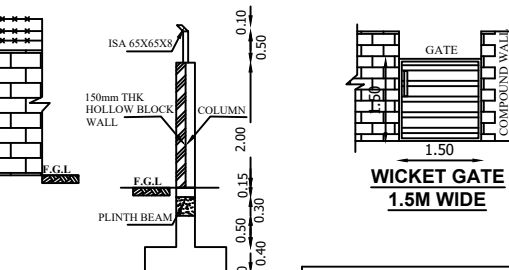
PLAN SEPTIC TANK



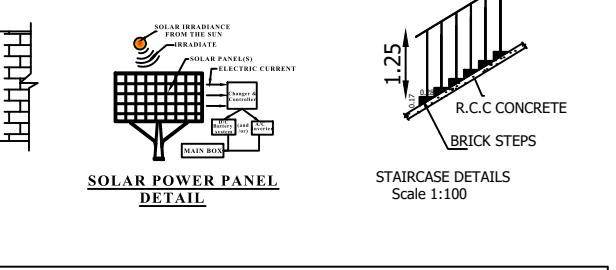
PLAN SOAK PIT



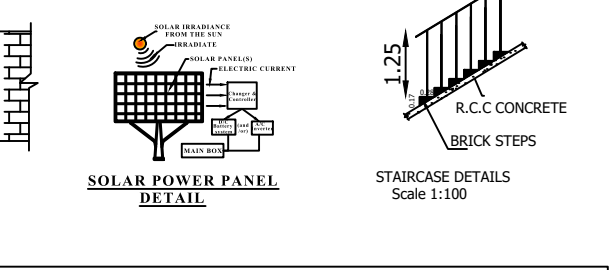
ELEVATION



SECTION C-C



WICKET GATE 1.5M WIDE



SOLAR POWER PANEL DETAIL

For Sri Sai Engineering Works
Proprietor

APPLICANT

Er. M. GOWSALYA BE. (Civil)
REG. NO. RSE/GR.H/VD/AUGUST-2021/056
DTPC Villupuram District Office (VD)
No.2/298, Perumal Koil Thoppu Street,
Koliyanur, Villupuram - 605 103,
Cell: 9080775191

REGISTERED ENGINEER

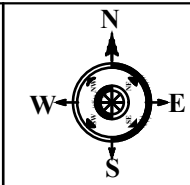
Er. R. SARANYA, M.E.,
Regd. Structural Engineer Grade-II (RSE)
DTPC Reg.No. RSE/GR.H/VD/AUGUST-2022/017
26C, First Floor, Vadamasalai Complex
Thiruch Main Road, Opp To Dharmapuri Bank
Villupuram - 605 602, Cell: 772822764

STRUCTURAL ENGINEER

APPROVAL



APPLICANT : Mr.R.SELVAKUMAR, PROPRIETOR OF SRI SAI ENGINEERING WORKS



SHEET:2/2
Scale : 1:200
Size : A2

ALL DIMENSIONS ARE IN "METER"

INDUSTRY TYPE: GREEN CATEGORY

List of Machineries				
S.no	Description	Qty	Make	Capacity
1)	Lathe	1 no	Kishan	2HP
2)	Lathe	1 no	Kishan	3HP
3)	Rolling Machine	1 no	-	15HP
4)	Rolling Machine	1 no	-	10HP
5)	Hydraulic Press	1 no	-	10HP
6)	Hydraulic Press	1 no	-	15HP
7)	Milling machine	1 no	Crenner	3HP
8)	Milling machine	1 no	Crenner	2HP
9)	Welding machine	8 nos	Lincoln/Rilon	5HP
10)	Plasma Cutting machine	1 no		2HP
11)	AG-7 Grinding machine	2 nos	Bosch	-
12)	AG-5 Grinding machine	3 nos	Bosch	-
13)	AG-4 Grinding machine	4 nos	Bosch	-
14)	Tool Grinding machine	2 nos	Bosch	-
15)	Cut-off machine	2 nos	Bosch	-
16)	Drilling Machine	1 no	-	5HP
17)	Hand drilling machine	2 nos	Bosch	-
18)	Magnetic drilling machine	2 nos	Kulkarni power tools	2HP
19)	Bench grinder	1 no	-	-
WORKERS: (20M +5F =25 NOS)			TOTAL H.P	74 HP

Site Area as per Patta	: 0.25Acre / 1011.47 Sq.m
Site Area as per FMB	: 0.25Acre / 1011.64 Sq.m

FLOOR AREA DETAILS	FSI Area (Sq.m)	NON FSI Area(Sq.m)	Total buildup Area
GROUND FLOOR AREA	434.00	-	434.00

TOTAL FSI AREA	= 434.00 Sq.m / 4671.57 Sq.ft
FSI = 434/1011.47	= 0.43 < 1.5
PC = (434/1011.47)X100	= 42.9%

PARKING DETAILS:

<u>PARKING :</u>	<u>REQUIRED</u>	<u>PROVIDED</u>
LORRY -	01 NOS	02 NOS
CYCLE SPACE -	08 NOS	15 NOS
TWO WHEELER -	08 NOS	10 NOS
CAR PARKING -	00 NOS	02 NOS

BOUNDARY	-	
PROPOSED BUILDING	-	
EXG.ROAD	-	
DRIVE WAY	-	

For Sri Sai Engineering Works

APPLICANT

N. G. Gowsalya
Er. M. GOWSALYA B.E., (Civil)
 RE/GR.II/VD/SEPTEMBER-2021/056
 DTCP Villupuram District Office(VD)
 No.2/298, Perumal Koil Thoppu Street,
 Koliyanur, Villupuram - 605 103.
 Cell: 9080775191

REGISTERED ENGINEER


Er. R. SARANYA, M.E.,
 Regd. Structural Engineer Grade-II(RSE)
 DTCP Reg.No. RSE/GR.H/VD/AUGUST-2022/017
 26C, First Floor , Vadamalai Complex
 Thiruch Main Road, Opp To Bharat Petrol Bunk
 Villupuram - 605 602. Cell: 7708262764.

STRUCTURAL ENGINEER

District Town And Country Planning Office
Villupuram District

Online Application No: **SWP/BPA/273064/2024**

BUILDING APPROVAL :

B.P/A.D.T.C.P.(V.D) No:22/2024

Industrial Building Approval Issued.

SUPERVISOR/DRAUGHTS MAN GRADE - II
TOWN AND COUNTRY PLANNING OFFICE
VILLUPURAM DISTRICT

DRAUGHTS MAN GRADE - III
TOWN AND COUNTRY PLANNING OFFICE
VILLUPURAM DISTRICT



SITE PLAN
SCALE-1:200