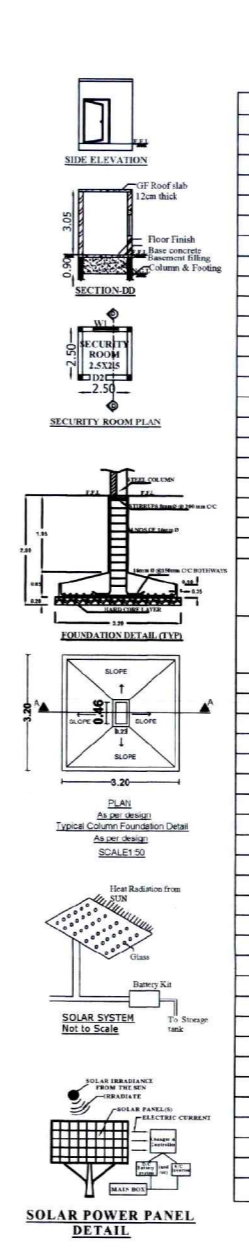
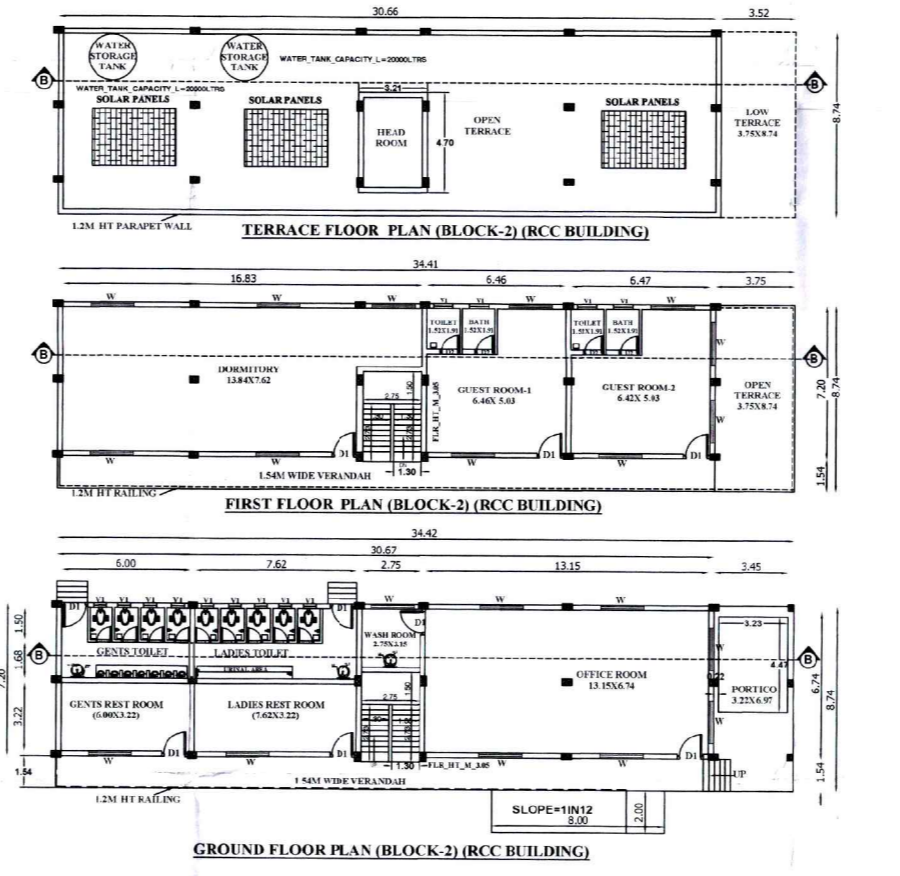
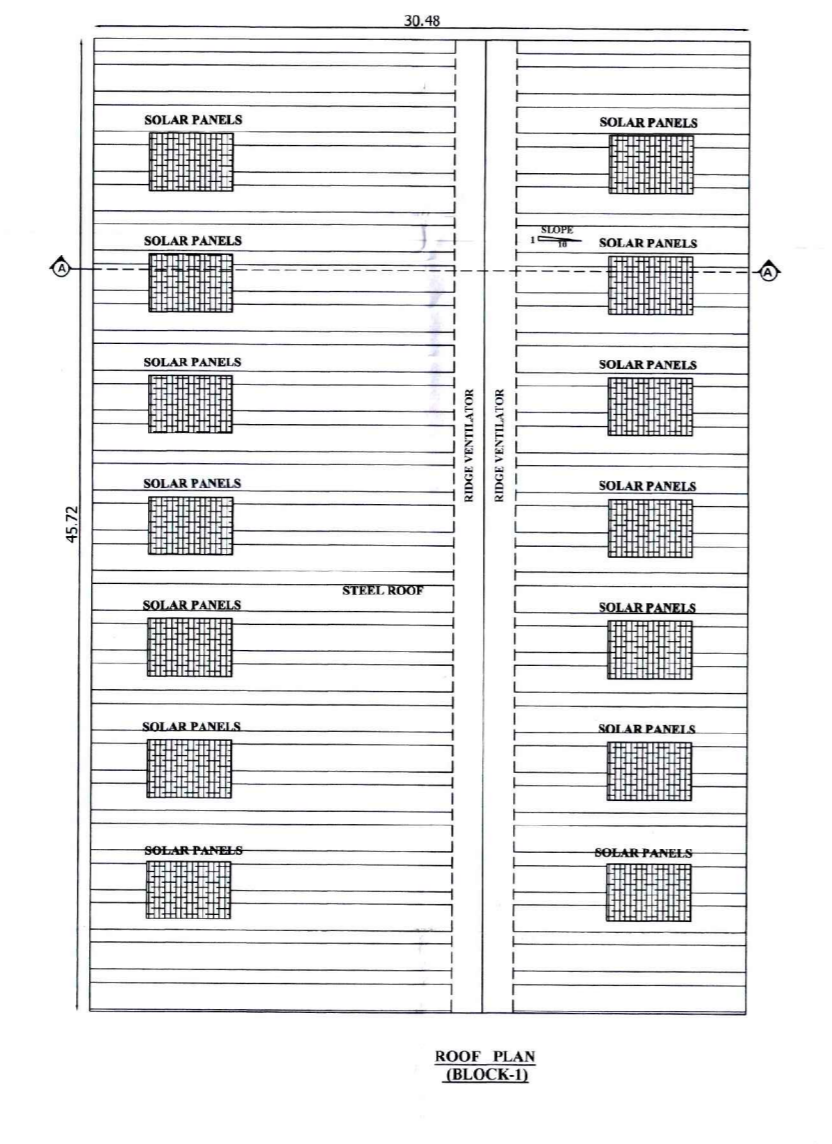
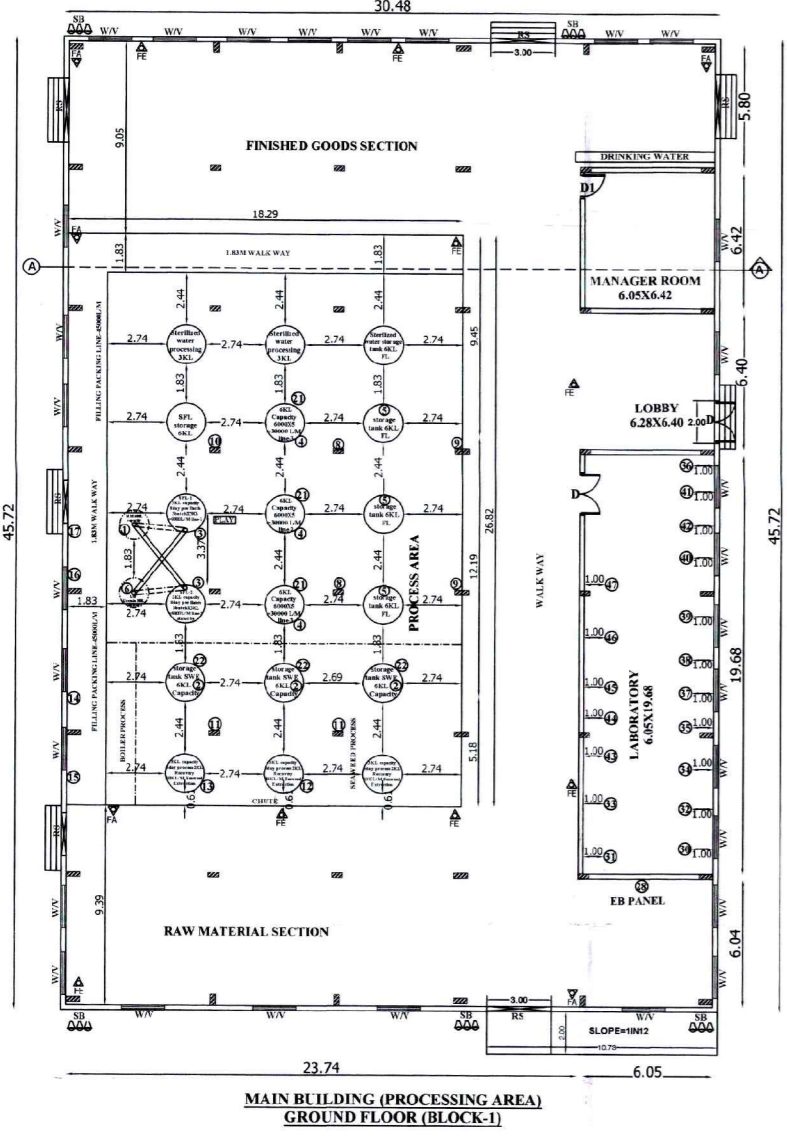
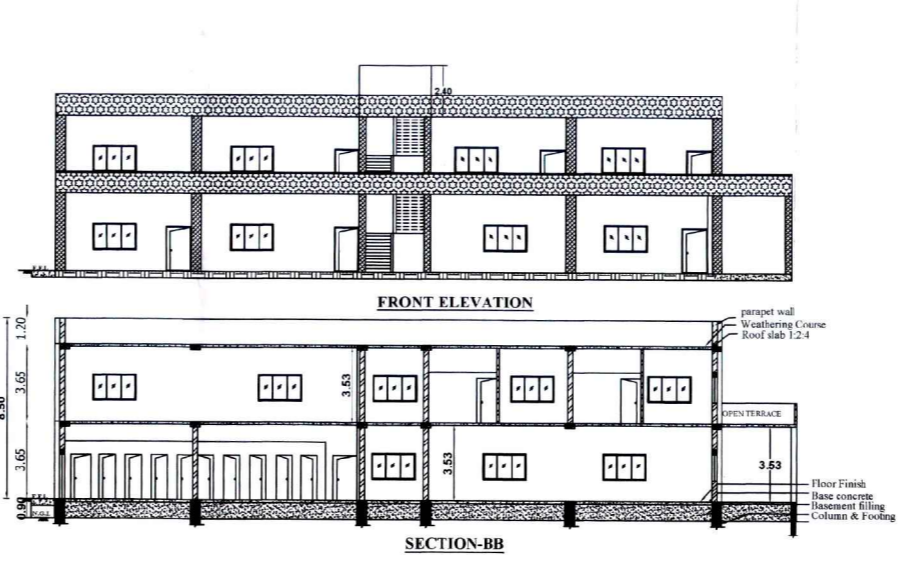
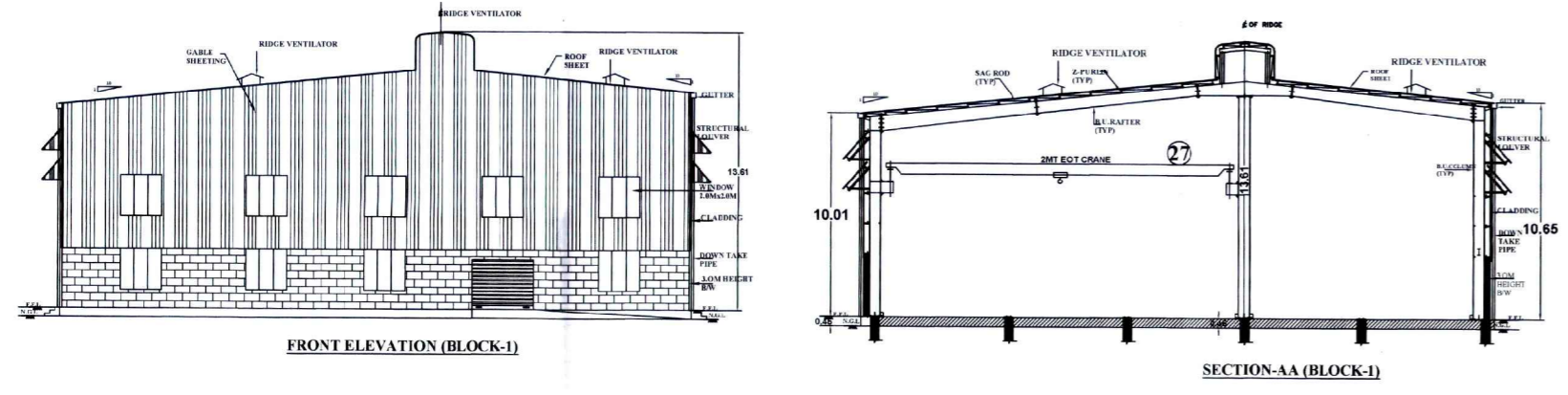
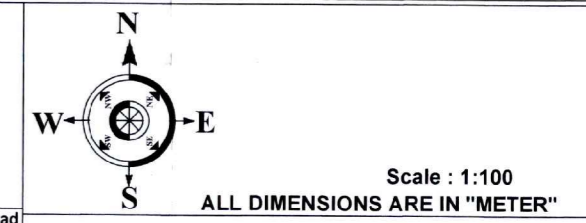


PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING "ASHWATHY GREEN ENTERPRISE PRIVATE LIMITED MANUFACTURING OF AGRICULTURAL INPUTS" IN R.S.NO:70/5 PART, D.Plot NO:39 & 40 AT SIDCO INDUSTRIAL ESTATE, PATTANAM VILLAGE & PANCHAYAT, TINDIVANAM TALUK, VILLUPURAM DISTRICT.



List of machinery and its power load.

SL.No	Description of Machinery	Qty	HP of machine	Total Load
1	Mineral mix Tank Agitator	1	3	0
2	3KL seaweed storage tank - Agitator	3	3	9
3	3 KL Jacket Vessel - Fermentor	2	3	6
4	5 KL Finished Good Storage Tank	3	3	9
5	5 KL Storage tank Finished Liquid	3	3	9
6	Gromin mix Tank	1	3	3
Pump and motors				
7	Mineral mix Transfer Pump	0	0	0
8	Process tank transfer Pump	2	3	6
9	Finished Liquid Transfer Pump	2	3	6
10	Semi Finished liquid Transfer Pump	2	3	6
11	Seaweed Liquid Transfer Pump	2	3	6
12	500 Litres capacity Non IBR boiler	1	5	5
13	Buffer Tank Agitator	1	2	2
14	Filling Station	1	5	5
15	Rotary table	1	1	1
16	Shrinkwrapping Machine	1	2	2
17	Stirring Machine	1	0.5	0.5
18	Cooling tower Fan Motor	1	3	3
19	Cooling tower Circulation Pump Motor	1	3	3
20	Granules machinery and filling station			10
21 Heater for 3 KL Fermentor Tank				
		1500W x 3 no=4500 Watts		6
22 Heater for 3 KL Seaweed Extraction				
		1500W x 3 no=4500 Watts		6
23	Submersible pump	1	1	1
24	Sump Motor and pump	1	3	3
25	RO Plant water transfer	1	1	1
26	RO Plant 1000 Litres per hour	1	3	3
27	Electrical Hoist - Materials Lifting	1	3	3
28	Lighting Distribution Load			8.53
29	Laboratory Machinery			
30	Laminar Flow Cabinet	1 No	1.1	1.1
31	Incubator	1 No	0.5	0.5
32	Orbital Shaker	1 No	1	1
33	Lypholiser	1 No	2.2	2.2
34	Deep Freezer	1 No	2.2	2.2
35	Auto Clave	1 No	2.2	2.2
36	Fridge	1 No	0.5	0.5
37	Hot Oven	1 No	0.5	0.5
38	Water Still Distillation	1 No	0.25	17.85
39	Water Bath	1 No	0.25	
40	Magnetic Stirrer	1 No	0.25	
41	Weighting Scale	1 No	0.1	
42	pH meter	1 No	0.1	
43	Conductivity Meter	1 No	0.1	
44	Kjeltoul Apparatus	1 No	0.1	
45	Flame photo meter	1 No	0.5	
46	Spectro photo meter	1 No	0.5	
47	HPLC	1 No	1	
48	Total Machinery Load			144.88

JOINERY DETAILS

R.S	- ROLLING SHUTTER	: 3.05 X 2.44
D	- DOUBLE DOOR	: 2.00 X 2.13
D1	- DOOR	: 1.22 X 2.13
D2	- DOOR	: 0.75 X 2.13
W	- WINDOW	: 2.00 X 2.00
V	- VENTILATOR	: 2.00 X 2.00
V1	- VENTILATOR	: 0.60 X 0.90
FE	- FIRE EXTINGUISHER	- Δ
FA	- FIRE ALARM	- ▽
SB	- SAND BUCKET	- ☉

AREA DETAILS

SITE AREA: 0.9884 ACRE / 4000.00Sq.m

BLOCK - 1: MAIN BUILDING-STEEL STRUCTURE

FLOOR AREA DETAILS	FSI Area (Sq.m)	Non-FSI Area (Sq.m)	Total Area (Sq.m)
GROUND FLOOR AREA	1393.55	-	1393.55
BLOCK - 2: RCC BUILDING			
AREA OF GROUND FLOOR	300.915	-	300.915
AREA OF FIRST FLOOR	268.203	-	268.203
HEAD ROOM	-	15.07	15.07
TOTAL	1947.59	15.07	1962.66

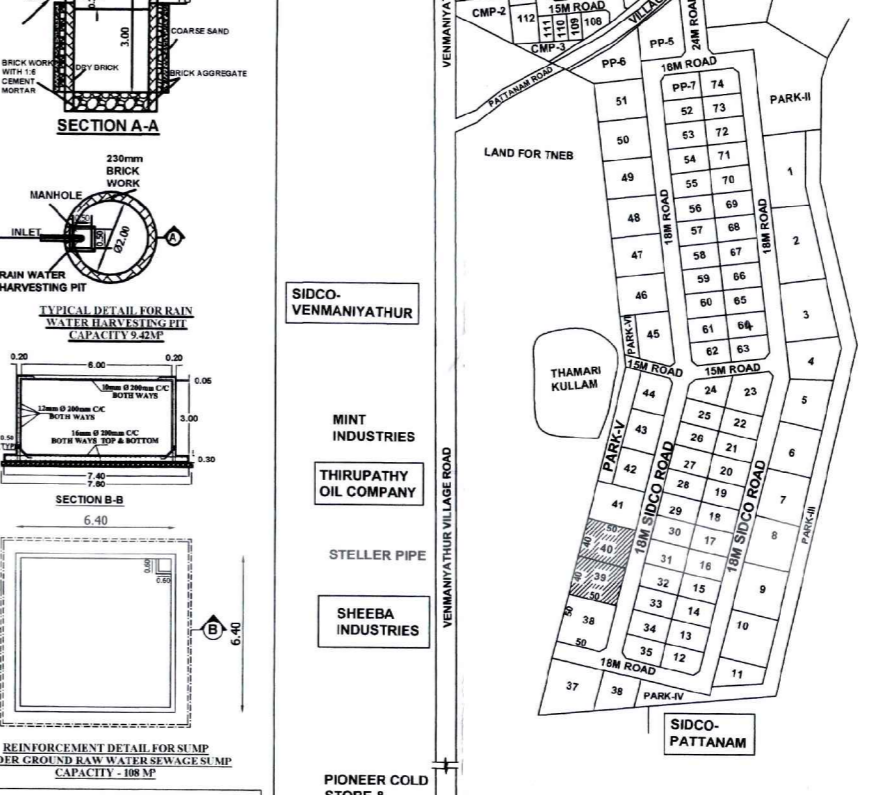
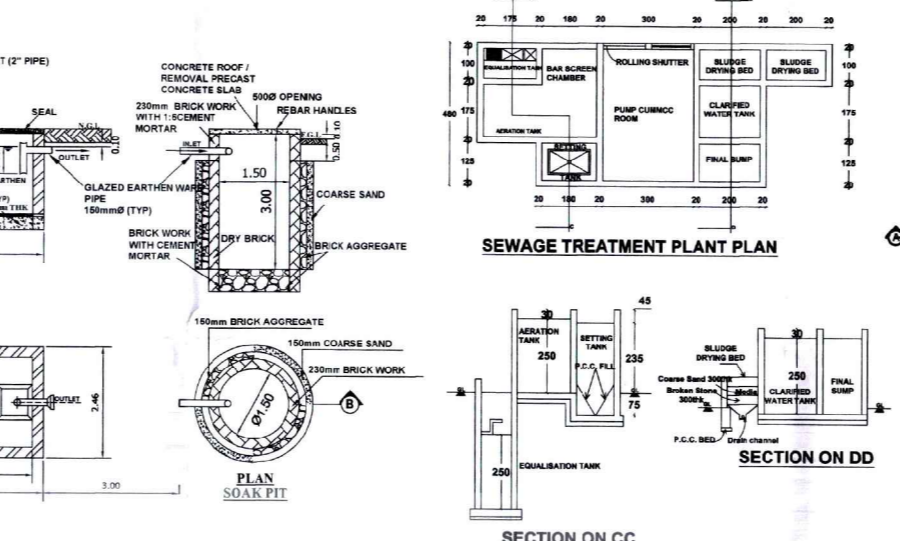
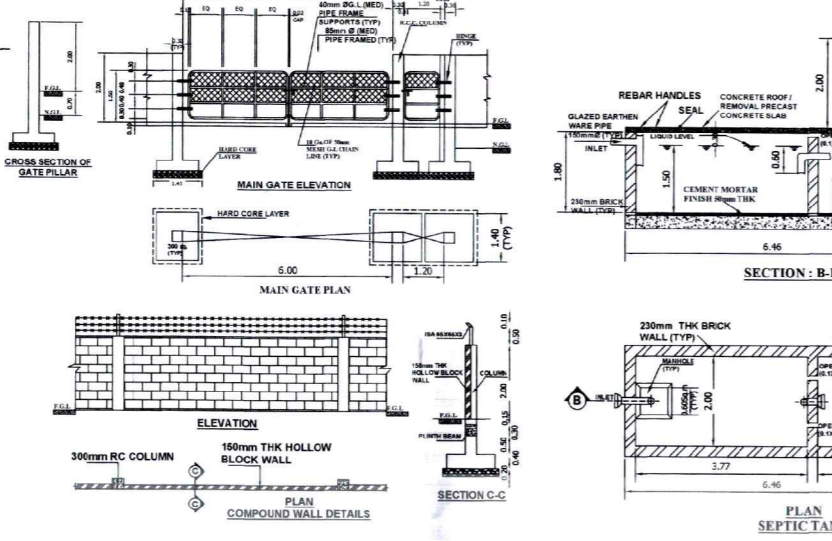
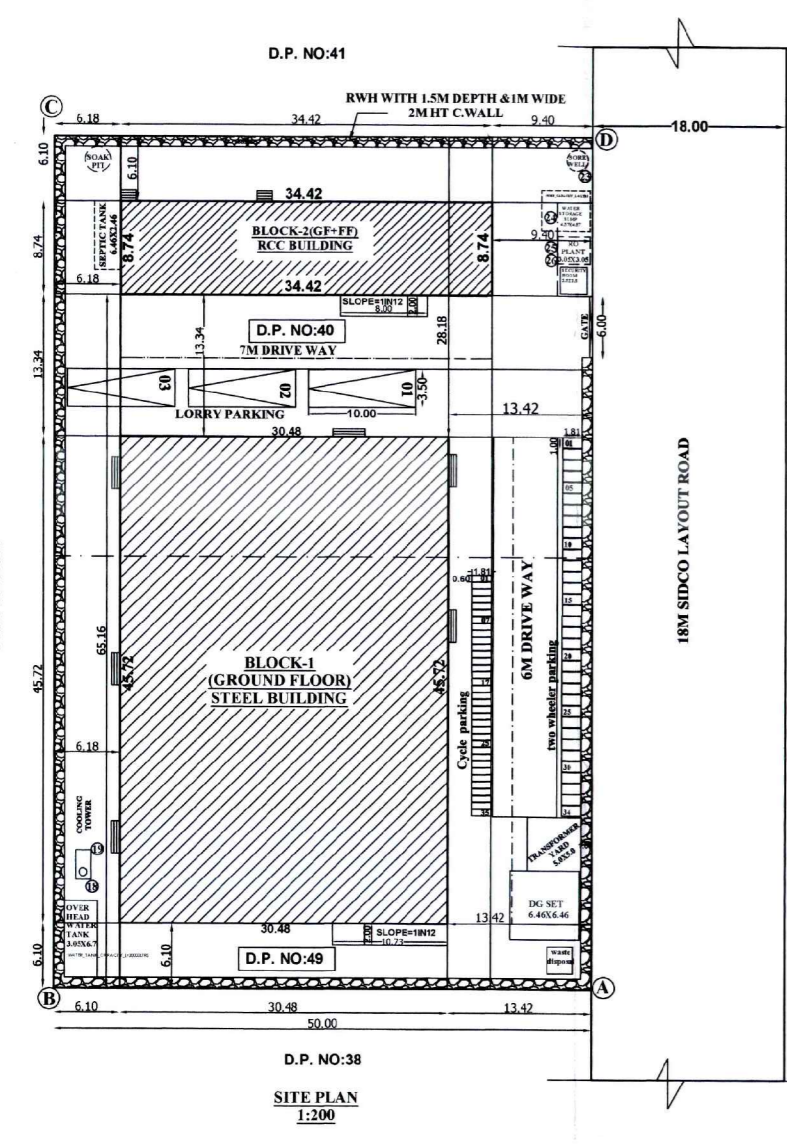
TOTAL BUILDUP AREA = 1962.66 Sq.m ; 21126.00 Sq.ft
 TOTAL FSI AREA = 1947.59 Sq.m ; 20942.33 Sq.ft
 FSI = 1947.59/4000 = 0.49 < 2.0
 PC = (1694.46/4000)X100 = 42.36%

NON FSI AREA DETAILS:
 GROUND ROOM AREA - 6.25 SQ.M

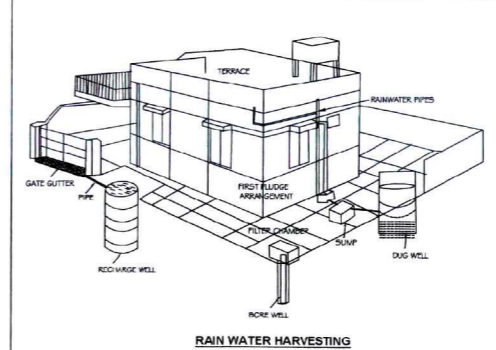
SPECIFICATION
 FOUNDATION AND BASEMENT FILLING WITH RIVER SAND.FOUNDATION CONCRETE WITH PLAIN CEMENT CONCRETE 1:4:8.USING 40MM SIZE STONE JELLY. COLUMN FOOTING, SLOPED PORTION , COLUMN, GRADE BEAM, LINTEL CUM SUNSHADE T AND L BEAMS, ROOF, GATE PILLARS, CULVERT DECK SLAB ETC.WITH REINFORCED CEMENT CONCRETE 1:1.5:3 USING 20MM SIZE STONE JELLY WITH ADEQUATE REINFORCEMENT. BRICK WORK WITH CEMENT MORTAR 1:5, USING I 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 TWO COATS WITH ONE 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.

PARKING:

LORRY	- 03 NOS
CYCLE SPACE	- 35 NOS
TWO WHEELER	- 34 NOS



District Town And Country Planning Office
 Villupuram District
 Online Application No: SWP/BPA/0003221/2022
SITE APPROVAL :
 Site Amalgamated & Bounded by "ABCD" and Numbered as L.P./A.D.T.C.(V. D) No:07/2023
BUILDING APPROVAL :
 B.P./A.D.T.C.(V.D) No:01/2023 Industrial Building Technical Approval Issued.



For Ashwathy Green Enterprise Pvt. Ltd.
 Director
OWNER
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REGISTERED ENGINEER
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 REGISTERED ARCHITECT
 Reg. No: RA/CR.1/VR/APRIL 2019/003
 Mobile: 91595 0069
ARCHITECT
 B.M. MOHAMMED
 B.E. M.Arch, Ph.D.,
 Chartered Engineer
 Structural Engineer Grade - (R25)
 Reg. No: SS/GE.1/VR/APRIL 2019/004
 DTCP Villupuram District Office (VD)
 Cell: 741071247, 915951714
STRUCTURAL ENGINEER