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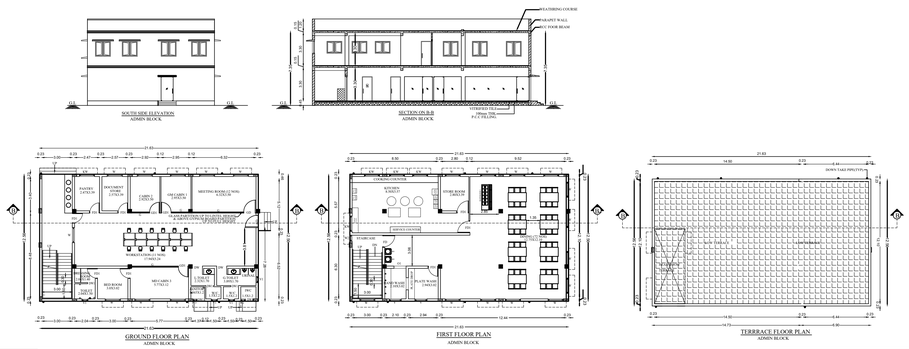
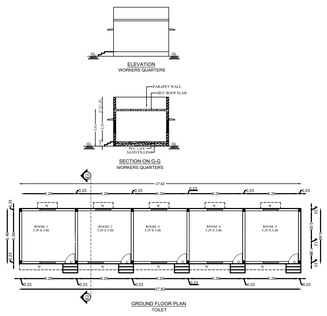
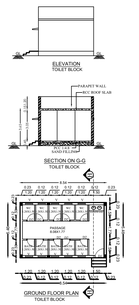
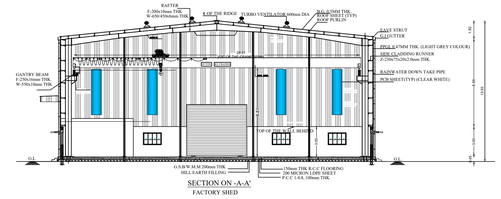


WORKERS QUARTERS



TOILET BLOCK





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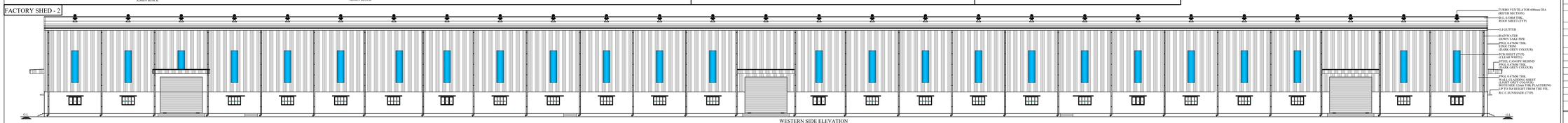
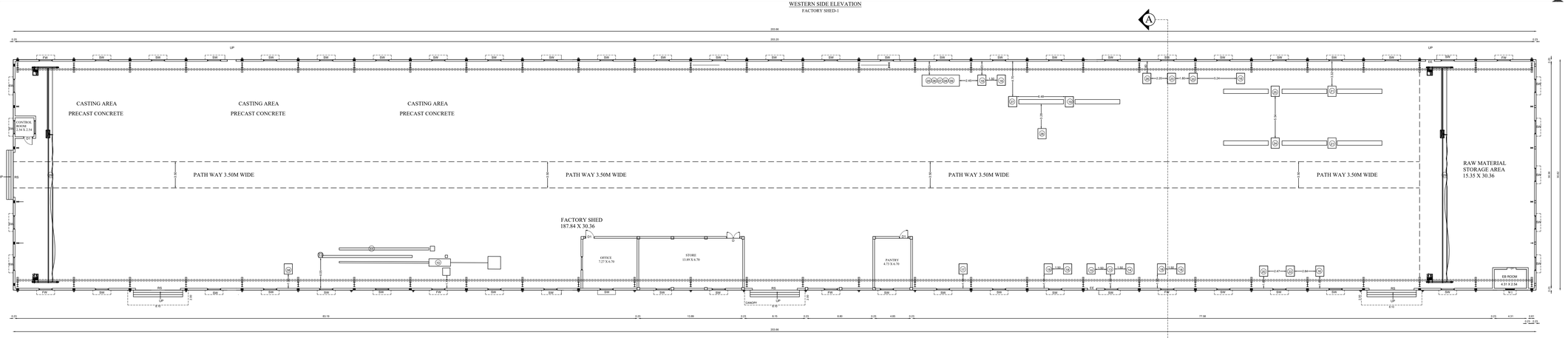
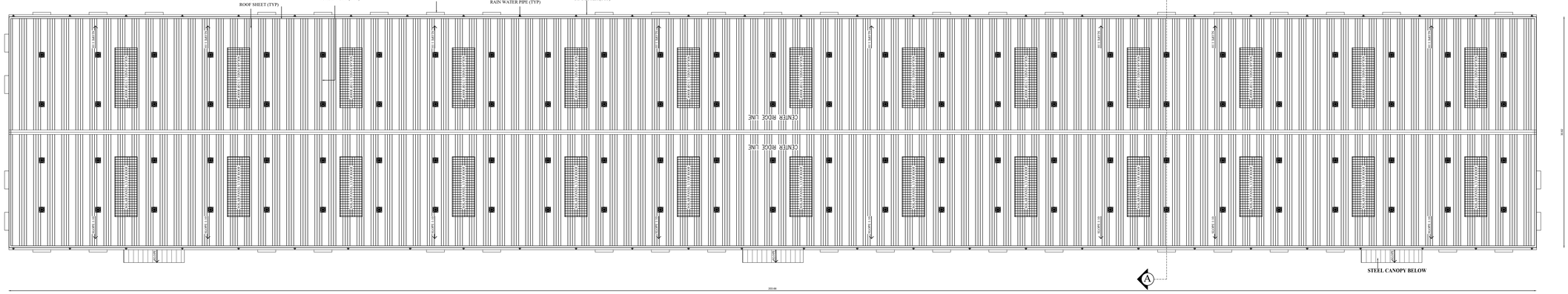




GROUND FLOOR PLAN
FACTORY SHED



ROOF PLAN
FACTORY SHED

SHEET NO - 01/02

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT **M/S.ECO CHIMNEY PRIVATE LIMITED** IN PLOT NO:A15 / 1, IN SURVEY NO:S:170/1pt, 171/1Apt, 1Bpt, 1Cpt, 1D, 1Ept 1Fpt, 2A1pt, 2A2pt, 2Dpt, 2Ept, 172/3B3pt, 3B4pt, 3B5pt, 3B6pt, 4Bpt, 4Cpt & 4Dpt SIPCOT INDUSTRIAL PARK AT CHEYYAR, PHASE -II, KUNNAVAKKAM VILLAGE, CHEYYAR TALUK, THIRUVANNAMALAI DISTRICT.

TITLE:

FACORY SHED-I, ADMIN BLOCK, WORKERS QUARTERS, TOILET BLOCK - FLOOR PLAN, SECTION & ELEVATION.

NORTH

SIPCOT PLOT APPROVAL NO :
ம.எ.அ.எண்.ஆ,நகர் மற்றும் ஊரமைப்பு (ஆ.மு.அ.எண்:980) எண்:234/2025

SCALE: FLOOR PLAN 1: 100

MACHINERY HP DETAILS

S.NO	NAME OF MACHINERY	NOS	EACH H.P	TOTAL H.P
05	ROTARY HAMMER DRILLING MACHINE	01	1.1	1.1
06	CORE DRILLING MACHINE	01	1.8	1.8
07	HAND OPERATED CONCRETE VIBRATOR MACHINE	03	1.5	4.4
08	INVERTER ARC SINGLE PHASE 220 Amp WELDING MACHINE	01	11.4	11.4
09	125mm TILES CUTTING MACHINE SINGLE PHASE	01	1.8	1.8
10	TMT AUTOMATIC STRAIGHTENING AND CUTTING MACHINE	01	20.0	20.0
11	TMT CUTTING MACHINE (CUTTING RANGE-32mm)	01	3.0	3.0
12	BENDING MACHINE (20mm Bar size)	01	2.0	2.0
13	4 Inch HAND GRINDIND MACHINE	04	0.9	3.6
14	7 Inch HAND GRINDIND MACHINE	01	2.0	2.0
15	BENCH TYPE GRINDING MACHINE	01	0.5	0.5
16	BENCH TYPE GRINDING MACHINE (AUTOMATIC)	02	2.0	4.0
17	AIR COMPRESSOR -270 LTR TANK CAPACITY	02	2.5	5.0
18	DC INVERTER ARC THREE PHASE 400 Amp WELDING MACHINE	06	11.4	68.4
19	14 Inch CUT OFF MACHINE MOTOR TYPE	01	2.0	2.0
20	HYDRAULIC PRESSING MACHINE (15 TONE)	01	2.7	2.7
21	90 TON DOUBLE CYLINDER HYDRAULIC IRON WORKER MACHINE	02	7.4	14.8
22	THREADING MACHINE 3/8" TO 1 1/2" CAPACITY	01	3.0	3.0
23	TMT BAR AND FLAT ROLLER MACHINE	01	2.0	2.0
24	75 TON PUNCHING MACHINE	01	7.5	7.5
25	50 TON PUNCHING MACHINE	01	5.0	5.0
26	30 TON PUNCHING MACHINE	01	3.0	3.0
27	PIPE NOTCHING MACHINE	01	3.0	3.0
28	PIPE BENDING MACHINE	01	5.0	5.0
29	5 TON EOT CRANE	02	6.0	12.0
			TOTAL	189.00 H.P

JOINERY DETAILS

TYPES	DESCRIPTION	SIZE
RS	GEAR OPERATED ROLLING SHUTTER.	6.00X5.00
D	ALUMINIUM DOOR WITH VISION PANEL	1.80X2.40
EE	EMERGENCY EXIT DOOR(HMPS)	1.20X2.40
D1	ALUMINIUM DOOR WITH VISION PANEL	1.20X2.40
GD	GLASS DOOR WITH PATCH FITTING	1.20X2.40
GD1	GLASS DOOR WITH PATCH FITTING	1.00X2.40
FD	FLUSH DOOR WITH LAMINATE FINISH.	1.20X2.40
FD1	FLUSH DOOR WITH LAMINATE FINISH.	1.00X2.40
DW	WATER PROOF FLUSH DOOR.	1.00X2.40
DW1	WATER PROOF FLUSH DOOR.	0.75X2.40
SW	ALUMINIUM SLIDING WINDOW	1.80X1.20
SD	STEEL DOOR WITH VISION PANEL.	1.20X2.25
FW	ALUMINIUM FIXED WINDOW	1.80X1.20
O1	WALL OPENING.	1.20X2.40
W	ALUMINIUM OPENABLE WINDOW.	1.50X1.50
W1	ALUMINIUM OPENABLE WINDOW.	1.20X1.50
KW	ALUMINIUM OPENABLE WINDOW.	1.50X1.20
W2	ALUMINIUM OPENABLE WINDOW.	0.60X1.50
V	ALUMINIUM LOUVERED VENTILATOR.	1.20X0.60
V1	ALUMINIUM LOUVERED VENTILATOR.	0.60X0.60
V2	ALUMINIUM LOUVERED VENTILATOR.	0.45X0.60
V3	ALUMINIUM LOUVERED VENTILATOR.	0.40X0.60

COLOUR REFERENCE

ROAD
PROPOSED BUILDING
SITE BOUNDARY
PROPOSED MACHINERY

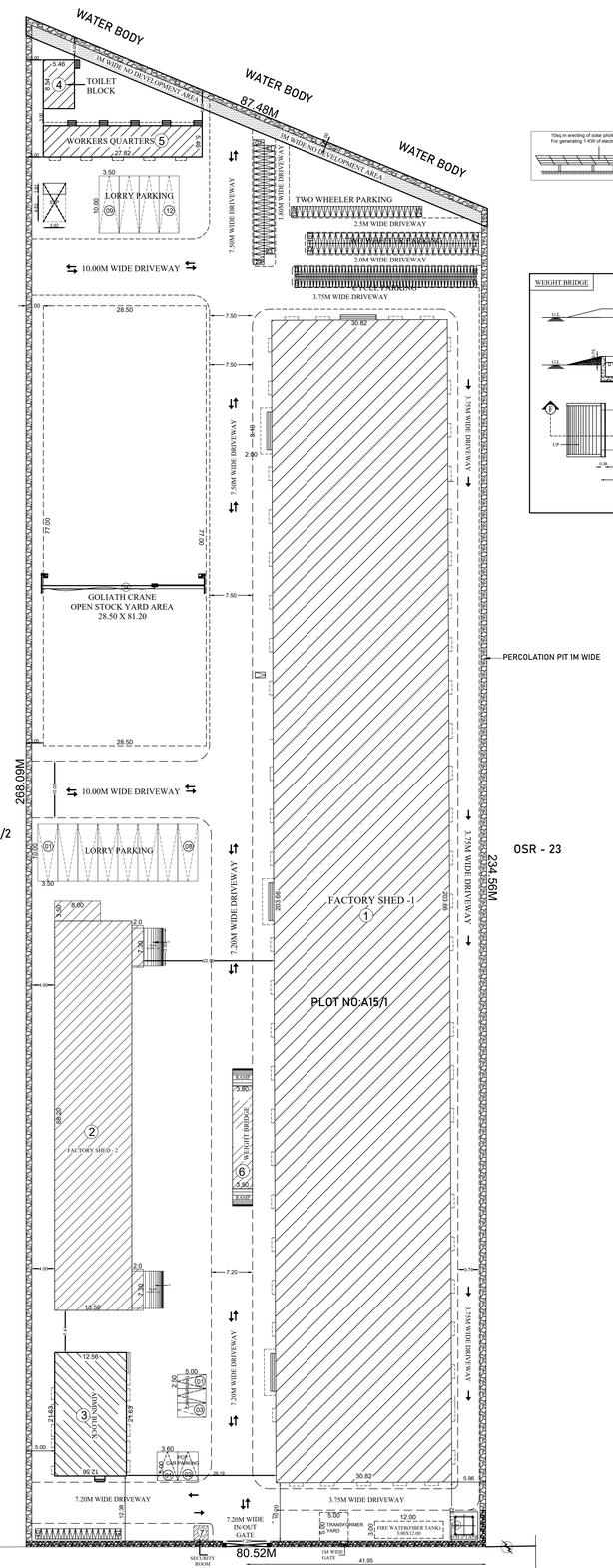
OWNER / OCCUPIER

D.SHANMUGASUNDARAM, B.Tech.,(Civil) M.Civil.,
Licensed Surveyor & Registered Engineer Grade-1 (ES)
Reg.No.CQ/LDS/(M)/Gr-1/2011/01/004
No.2, Kasthuri Nagar, Ashoknagar Post,
Velachery(Main) Road, Chennai-600 083.
Cell: 9444 91 2010 email: sethuramanan@yahoo.com

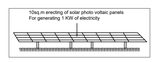
STRUCTURAL ENGINEER Gr-I

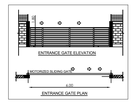
R.SATHISHKUMAR, B.Tech.,(Civil) M.Civil.,
Licensed Surveyor & Registered Engineer Grade-1 (ES)
Reg.No.CQ/LDS/(M)/Gr-1/2011/01/004
No.2, Kasthuri Nagar, Ashoknagar Post,
Velachery(Main) Road, Chennai-600 083.
Cell: 9444 91 2010 email: sethuramanan@yahoo.com

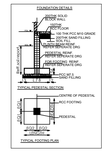
REGISTERED ENGINEER Gr-I

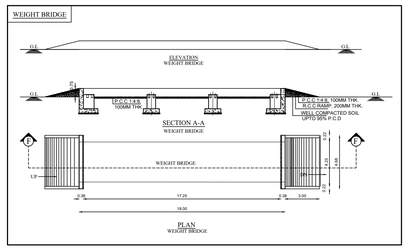


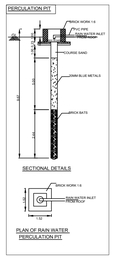
SITE PLAN
SCALE : 1:200

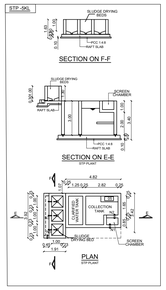




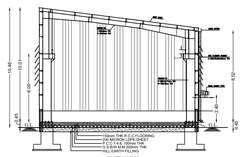


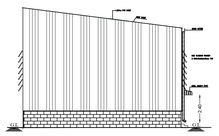


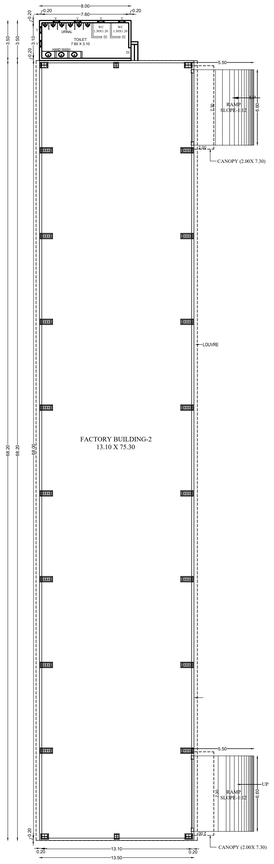


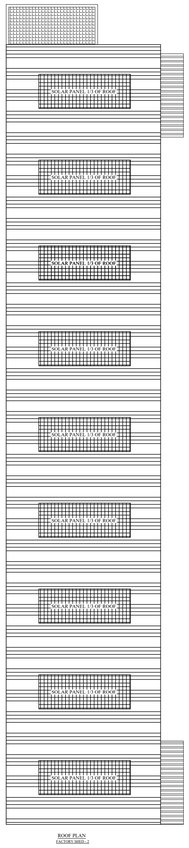


FACTORY SHED - 2









SHEET NO - 02/02

PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSTRUCTION OF MANUFACTURING UNIT **M/S.ECO CHIMNEY PRIVATE LIMITED** IN PLOT NO:A15 / 1, IN SURVEY NO'S:170/1pt, 171/1Apt, 1Bpt, 1Cpt, 1D, 1Ept 1Fpt, 2A1pt, 2A2pt, 2Dpt, 2Ept, 172/3B3pt, 3B4pt, 3B5pt, 3B6pt, 4Bpt, 4Cpt & 4Dpt SIPCOT INDUSTRIAL PARK AT CHEYYAR PHASE -II, KUNNAVAKKAM VILLAGE, CHEYYAR TALUK, THIRUVANNAMALAI DISTRICT.

TITLE:-

SITE PLAN

FACTORY SHED -2, WEIGHT BRIDGE, SECURITY ROOM - PLAN, SECTION & ELEVATION.

NORTH

SCALE: SITE PLAN-1:200 & FLOOR PLAN 1: 100

SIPCOT PLOT APPROVAL NO :

ப.எ.எண்/டி/மு.தொ.மு. இனச் அங்கீகாரம் எண்:234/2025

AREA STATEMENT (Sq.m)

PLOT EXTENT AS PER DOCUMENT : 5.00 Acre (20234.30Sq.m)

SL.NO	BLOCK NAME	FLOOR NAME	FSI AREA (Sq.m)	NON FSI AREA (Sq.m)	TOTAL BUILDUP AREA (Sq.m)	BUILDING HEIGHT (m)
1.	FACTORY SHED - 1	GROUND FLOOR (WORKSHOP)	6276.60	----	6,325.20	13.93m
		CANOPY - 2NOS	48.60	----		
2.	FACTORY SHED - 2	GROUND FLOOR	948.00	----	974.20	10.46m
		CANOPY - 2NOS	29.20	----		
3.	ADMIN BLOCK	GROUND FLOOR	271.67	----	543.34	7.35m
		FIRST FLOOR	271.67	----		
4.	TOILET BLOCK	GROUND FLOOR	46.62	----	46.62	3.65m
5.	WORKERS QUARTERS	GROUND FLOOR	151.90	----	151.90	3.65m
6.	WEIGHT BRIDGE	GROUND FLOOR	63.00	----	63.00	0.75m
7.	SECURITY ROOM	GROUND FLOOR	----	6.25	6.25	3.65m
	TOTAL AREA in Sq.m =		8,107.26	6.25	8,113.51	

F.S.I : TOTAL FSI AREA / TOTAL PLOTG AREA : 8,107.26 / 20,234.30 = 0.400

PARKING DETAILS

PARKING	REQUIRED	PROVIDED
LORRY PARKING	11 Nos	12 Nos
CAR PARKING	04 Nos	3 Nos + 2PCP
TWO WHEELER PARKING	108 Nos	125 Nos
CYCLE PARKING	108 Nos	114 Nos

MACHINERY DETAILS

S.NO	NAME OF MACHINERY	NOS	EACH H.P	TOTAL H.P
01	1 HP SUMERSIBLE MOTOR SINGLE PHASE	01	1.0	1.0
02	MOBILE CONCRETE BATCHING PLANT	01	15.0	15.0
03	COMPRESSOR FOR BATCHING PLANT SILO LOADING	01	40.0	40.0
04	10 TON GANTRY CRANE	01	15.0	15.0
05	STP MOTOR	01	2.0	2.0
			TOTAL	73.00 H.P

TOTAL H.P :-

SHEET NO 1/1 : 189.00 H.P
SHEET NO 1/1 : 73.00 H.P
TOTAL H.P : 262.00H.P

NO OF WORKERS : 50Nos (40M + 10F)

TYPES	DESCRIPTION	SIZE
D	DOOR	1.00X2.10
D1	DOOR	0.90X2.10
D2	DOOR	0.75X2.10
DW	WATER PROOF FLUSH DOOR.	0.90X2.10
DW1	WATER PROOF FLUSH DOOR.	0.75X2.10
W	WINDOW	1.50X1.50
V	ALUMINIUM LOUVERED VENTILATOR.	1.20X0.60
V1	ALUMINIUM LOUVERED VENTILATOR.	0.75X0.60
V2	ALUMINIUM LOUVERED VENTILATOR.	0.60X0.60

COLOUR REFERENCE

ROAD — PROPOSED BUILDING
SITE BOUNDARY — PROPOSED MACHINERY

ECO CHIMNEY PVT LTD Chennai 600 028

OWNER / OCCUPIER

D.SHANMUGASUNDARAM
B.E.(Civil) M.Tech(Struct), MIE
REGISTERED STRUCTURAL ENGINEER GR-I,
GOVERNMENT LICENSED SITE
Number Plate Fixed, Gate No. 14, Street,
Nandanam Extension, Ashok Nagar, Chennai,
Chennai- 600 083. Mob:9791054023
Email:dsmugasundaram@gmail.com
AB No- 2017-18 Gr-I

STRUCTURAL ENGINEER Gr-1

R.SATHISHKUMAR, B.Tech, (Civil) M.Coll.
Licensed Surveyor & Registered Engineer Grade-1 (IT)
Reg. No: CGA/2017/01/Gr-1/2021/07/004
No.2, Kothari Nagar, Achampattukam Post,
Wallavandhaggam Taluk, Chengalpattu Dist - 603 301
Cell: 7444 911 2210 email: sathishkumar.rec@yahoo.com

REGISTERED ENGINEER Gr-I

Signature Not Verified
Signed by Sathishkumar Prasadam
Location Tiruvannamalai
Date: 2025.06.25 17:11:02