

MANUFACTURING:TOUGHENED GLASS
INDUSTRY CATEGORY- GREEN

ALL DIMENSIONS ARE IN METERS, SCALE 1:100

As Per T.S.L.R Area = 29861.00 Sq.Mt

As Per Document Area = 29860.78 Sq.Mt

Least Taken We follow As Per Document Area

JOINERY DETAILS

	MACHINERY DETAILS
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BLOCK-2

11	01

SANITARY

V. Sunil Prem

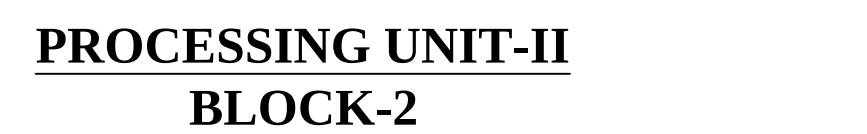
Er. V. Sunil Prem
Registered Construction Engineer
Reg. No: RCE/NLPA/2020/011

Refers

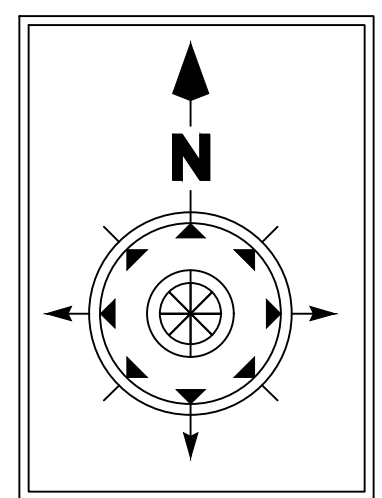
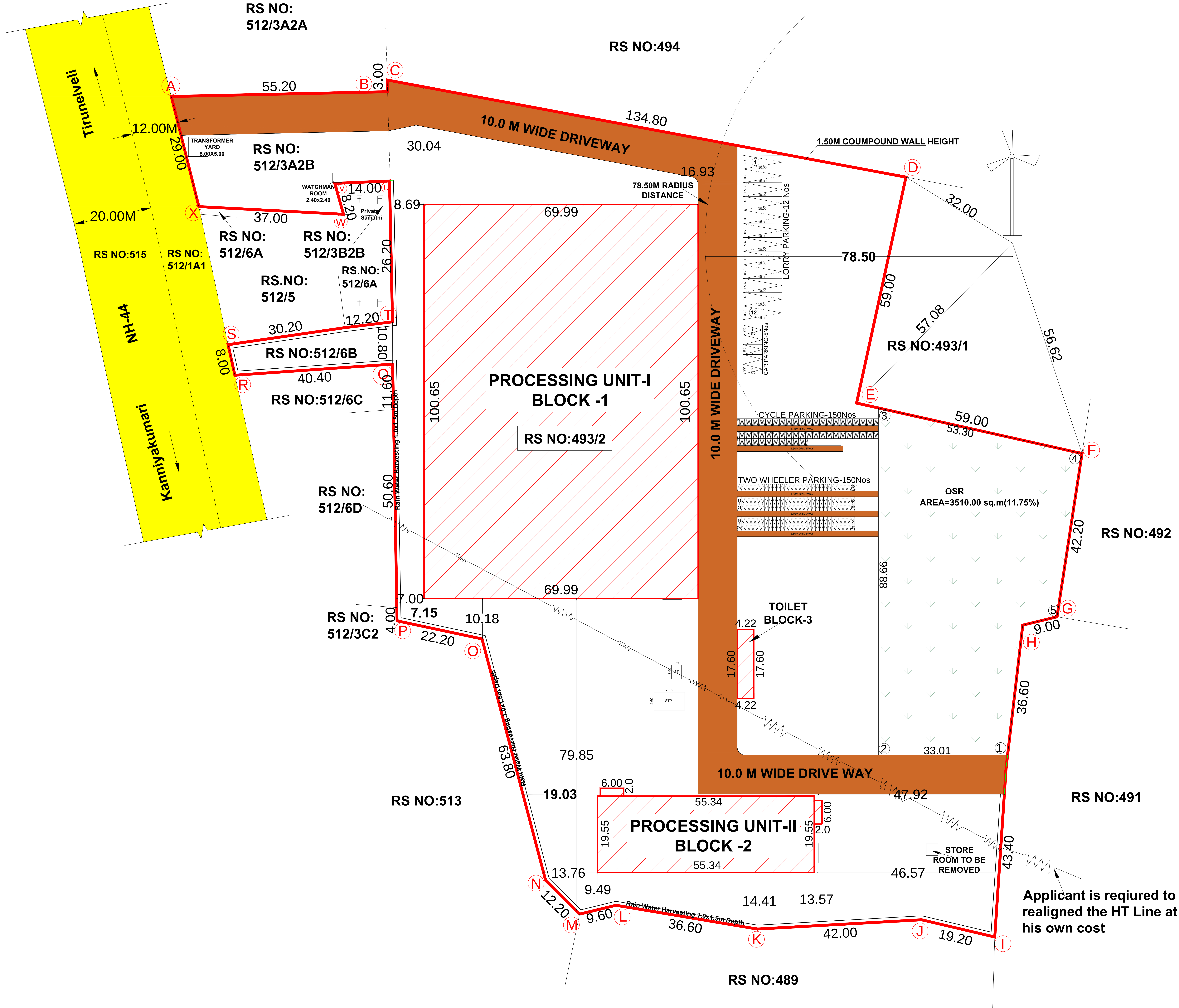
R. KARAT R.M. WILSON, M.E. Structural & Civil Engg.,
Registered Structural Engineer Grade - I
(Approved Local Planning Authority: SSC-1 NALM 2979 002)
"BHARAT CONSTRUCTIONS"
77-A/1, OFF TO NARAI, NATHAM
ASAPURAM MEDICAL COLLEGE ROAD
NAGERCOIL - 629 001
Cells: 90039 15270, 94431 82701

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V. Sunil Prem
Registered Engineer - Gr-II
Reg. No: RA/RE-II/NLPA/2020/003



SITE PLAN
SCALE 1:100



SITE PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING WITH INSTALLATION OF 4699.37 HP MOTORS AND 250 KVA GENERATOR IN R.S.Nos: 493/2, 512/3A2B, 512/6B AT PAZHAVOR PART-2 VILLAGE, AVARAIKULAM PANCHAYAT, VALLIYOOR PANCHAYAT UNION, RADHAPURAM TALUK, TIRUNELVELI DISTRICT.

**MANUFACTURING: TOUGHENED GLASS
INDUSTRY CATEGORY- GREEN**

MACHINERY DETAILS:					ALL DIMENSIONS ARE IN METERS				
S.NO	BLOCK-1	Nos UNIT	HP	TOTAL HP	SITE AREA DETAILS:-				
1.	CUTTING TABLE	1	20.10	20.10	As Per T.S.L.R Area = 29861.00 Sq.Mt				
2.	GLASS AUTO LOADER	1	17.42	17.42	As Per Document Area = 29860.78 Sq.Mt				
3.	BREAKOUT TABLE	1	13.40	13.40	Least Taken We follow As Per Document Area				
4.	TILT TABLE VACCUUM CRIPPER	1	0.27	0.27	PROPOSED BUILDING AREA DETAILS				
5.	DOUBLE EDGER-1	1	95.14	95.14	S.No	BLOCK DETAILS	FSI Sq.m	Non-FSI Sq.m	Total Area Sq.m
6.	L-TYPE TRANSFER TABLE-1	1	13.40	13.40	1	BLOCK - 1 (PROCESSING UNIT-1) GROUND FLOOR	7044.79	-	7044.79
7.	DOUBLE EDGER-2	1	95.14	95.14	2	BLOCK - 2 (PROCESSING UNIT-2) GROUND FLOOR	1105.66	-	1105.66
8.	TRANSFER CONVEYOR-2	1	13.40	13.40	3	BLOCK - 3 (TOILET BLOCK) GROUND FLOOR	74.26	-	74.26
9.	WASHING MACHINE-01	1	73.70	73.70	4	WATCHMAN ROOM	-	5.76	5.76
10.	MANUAL SEAMING MACHINE-1	1	13.40	13.40	TOTAL		8224.71	5.76	8230.47
11.	SINGLE EDGER MACHINE-1	1	28.14	28.14	FLOOR SPACE INDEX				
12.	BEVELLING MACHINE-1	1	37.52	37.52	F.S.I = $\frac{\text{TOTAL PLINTH AREA}}{\text{SITE AREA}} = \frac{8224.71}{29860.78} = 0.27 < 0.20$				
13.	MANUAL POLISHING MACHINE-1	1	3.35	3.35	PARKING DETAILS				
14.	MANUAL POLISHING MACHINE-2	1	3.35	3.35	LORRY PARKING				
15.	GLAS DRILLING MACHINE -1	1	6.70	6.70	Total Area = 8224.71 Sq.m				
16.	GLAS DRILLING MACHINE -2	1	6.70	6.70	750 Sq.m = 1 Lorry Space				
17.	WASHING MACHINE-02	1	93.80	93.80	$\frac{8224.71}{750} = 10.97$ SAY 11				
18.	VERTICAL SAND BLASTING MACHINE	1	5.36	5.36	Required parking = 11 Lorry Space				
19.	TOP HEATER 1	1	897.80	897.80	Provided parking = 12 Lorry Space				
20.	BOTTOM HEATER 1	1	897.80	897.80	TWO WHEELER PARKING				
21.	DRIVE CONTROL 1	1	29.48	29.48	Total Area = 8224.71 Sq.m				
22.	CONVECTION MOTORS 1	1	53.60	53.60	75 Sq.m = 1 Two wheeler				
23.	BLOWER-1	1	422.10	422.10	$\frac{8224.71}{75} = 109.67$ SAY 110				
24.	BLOWER-2	1	73.70	73.70	Required parking = 110 Two Wheeler				
25.	COOLING TOWER	1	10.72	10.72	Provided parking = 150 Two Wheeler				
26.	COMPRESSOR - 1	1	40.20	40.20	CYCLE PARKING				
27.	DM PLANT	1	4.02	4.02	Total Area = 8224.71 Sq.m				
28.	EOT CRANE	1	6.70	6.70	50 Sq.m = Cycle Parking				
29.	OFFICE LIGHTING COMPUTERS AND AC'S	1	20.10	20.10	$\frac{8224.71}{50} = 109.67$ SAY 110				
30.	FACTORY LIGHTING	1	8.04	8.04	Required parking = 110 Cycle Space				
31.	VERTICAL WASHING MACHINE	1	53.60	53.60	Provided parking = 150 Cycle Space				
32.	PRESSING AND INSPECTION LINE	1	60.30	60.30	CAR PARKING				
33.	BENDABLE SPACER	1	3.35	3.35	Office Area = 104.50 Sq.m				
34.	BUTYL EXTRUDER I	1	6.70	6.70	150 Sq.m = Car				
35.	DECICCANT FILLER, SPACER HANGER AND CUTTING	1	3.35	3.35	$\frac{104.50}{150} = 0.70$ SAY 1				
36.	TWO PART SILICON SEALANT	1	6.70	6.70	Required parking = 1 Car Space				
37.	SPACER MOVING MACHINE	1	3.35	3.35	Provided parking = 5 Car Space				
38.	ROTATION TABLE	1	3.35	3.35	COLOUR INDEX				
39.	HYDROLIC LIFT	1	5.36	5.36	SITE BOUNDARY				
40.	COATING EDGE DELETION MACHINE	1	6.70	6.70	EXISTING ROAD				
41.	LAMINATION LINE	1	120.60	120.60	PROPOSED BUILDING				
42.	AUTO CLAVE L	1	241.20	241.20	DRIVEWAY				
43.	CLEAN ROOM	1	241.20	241.20	BLOCK-2				
44.	COMPRESSED AIR - 2	1	100.50	100.50	1 Biesse Selko 350				
45.	COOLING TOWER-2	1	13.40	13.40	2 Biesse Akron 1440				
46.	HEAT SOAK MACHINE	1	160.80	160.80	3 Biesse Akron 1330				
47.	AUTOMATIC SEAMING & WASHING MACHINE	1	120.60	120.60	4 Biesse Skipper 100				
48.	SCREEN PRINTING MACHINE	1	160.80	160.80	5 Biesse Rover Gold 1232				
49.	CNC WORK CENTRE	1	60.30	60.30	6 Biesse Viet S2				
50.	DIGITAL PRINTING	1	33.50	33.50	7 Shree Chakra Hot Press				
TOTAL				4699.37 HP	8 Jai Cold Press				
BLOCK-2					9 Aldendorf Panel Saw				
1	Biesse Selko 350	1	20.10	20.10	10 Coral Dust collection system				
2	Biesse Akron 1440	1	17.42	17.42	11 CP Screw Air Compressor				
3	Biesse Akron 1330	1	13.40	13.40	TOTAL				
4	Biesse Skipper 100	1	33.50	33.50	WORKERS DETAILS:				
5	Biesse Rover Gold 1232	1	22.91	22.91	S.NO	DESCRIPTION	NO'S		
6	Biesse Viet S2	1	80.40	80.40	1.	MALE	33		
7	Shree Chakra Hot Press	1	43.55	43.55	2.	FEMALE	17		
8	Jai Cold Press	1	4.95	4.95	TOTAL		50		
9	Aldendorf Panel Saw	1	7.37	7.37	SANITARY REQUIREMENTS				
10	Coral Dust collection system	1	30.82	30.82	MALE				
11	CP Screw Air Compressor	1	14.74	14.74	REQUIRED	PROVIDED	REQUIRED	PROVIDED	TOTAL
TOTAL				4699.37 HP	2	5	2	5	10
BLOCK-2					5	5	5	5	10
1	Biesse Selko 350	1	20.10	20.10	2	5	-	-	5
2	Biesse Akron 1440	1	17.42	17.42	WASHING TAPS WITH DRAINING ARRANGEMENT				
3	Biesse Akron 1330	1	13.40	13.40	-	-	-	-	-
4	Biesse Skipper 100	1	33.50	33.50	DRINKING WATER FOUNTAINS				
5	Biesse Rover Gold 1232	1	22.91	22.91	1	1	1	1	2
6	Biesse Viet S2	1	80.40	80.40	APPLICANT SIGNATURE:				
7	Shree Chakra Hot Press	1	43.55	43.55	V. Sunil Prem				
8	Jai Cold Press	1	4.95	4.95	V. Sunil Prem				
9	Aldendorf Panel Saw	1	7.37	7.37	Registered Engineer - Gr-II				
10	Coral Dust collection system	1	30.82	30.82	Reg. No: RA/RE-II/NLPA/2020/003				
11	CP Screw Air Compressor	1	14.74	14.74	APPLICANT SIGNATURE:				
TOTAL				4699.37 HP	V. Sunil Prem				
BLOCK-2					V. Sunil Prem				
1	Biesse Selko 350	1	20.10	20.10	Registered Engineer - Gr-II				
2	Biesse Akron 1440	1	17.42	17.42	Reg. No: RA/RE-II/NLPA/2020/003				
3	Biesse Akron 1330	1	13.40	13.40	APPLICANT SIGNATURE:				
4	Biesse Skipper 100	1	33.50	33.50	V. Sunil Prem				
5	Biesse Rover Gold 1232	1	22.91	22.91	V. Sunil Prem				
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7	Shree Chakra Hot Press	1	43.55	43.55	Reg. No: RA/RE-II/NLPA/2020/003				
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