

SHEET NO:- 02/02

PLAN SHOWING THE PROPOSED CONSTRUCTION OF ORANGE CATEGORIES INDUSTRIAL BUILDING (FOOD PROCESSING UNIT-DRY POWER ONION)IN PLOT NO:C9/2, SIPCOT INDUSTRIAL PARK,S.NO:728(PART) & 75(PART) & 82(PART)AT UPPARPATTI VILLAGE , UPPARPATTI PANCHAYAT,THENI PANCHAYAT UNION, THENI TALUK,THENI DISTRICT.

CATEGORY OF INDUSTRY - ORANGE
MANUFACTURE DETAIL:-
MANUFACTURING OF ONION DRY POWER



LEGENDS :	
	EXISTING ROAD
	SITE BOUNDARY
	OPEN SPACE
	PROPOSED ROAD

AREA STATEMENT

- (i) SITE AREA (AS PER DOCUMENT) - 4050.00 SQ.M (1 acre)
(ii) SITE AREA (AS PER SUPER IMPOSED) - 4050.00 SQ.M (1 acre)

SL.NO	DESCRIPTION	FSI AREA (Sq.Mt)	NON FSI AREA (Sq.Mt)	TOTAL BUILT-UP AREA
01.	BLOCK - 1 (OFFICE) GROUND FLOOR	296.73	-----	296.73
02.	BLOCK - 2 (RAW MATERIAL STORAGE & PACKING UNIT) GROUND FLOOR	921.23	-----	921.23
03.	BLOCK - 3 (PROCESSING AREA) GROUND FLOOR	203.67	-----	203.67
TOTAL AREA		1421.63	-----	1421.63

$$FSI = \frac{\text{Total FSI Area}}{\text{Total Site Area}} = \frac{1421.63}{4050.00} = 0.351 < 1.50$$

PARKING CALCULATION

SL.NO	DESCRIPTION	REQUIRED	PROVIDED
01.	LORRY PARKING	02 NOS	03 NOS
02.	CAR PARKING	02 NOS	05 NOS
03.	TWO WHEELER	15 NOS	18NOS
04.	CYCLE PARKING	15 NOS	20 NOS

NO OF MALE WORKERS: 25 NOS
NO OF FEMALE WORKERS: 18 NOS
TOTAL NO OF WORKERS: 43 NOS

NOTES:-

1. Rain Water Harvesting System to be Provided.
2. Bath ,Kitchen waste water to be used for Garden purpose.
3. Solar Energy System to be Provided.
4. Drinking Water to be provided.
5. Fire Resistance to be provided
6. Emergency alarm to be provided
7. Structure is Designed Safely For Earthquake Resistance.
8. First Aid Box with all Equipment to be provided.
9. Mechanical Ventilation provided.(whether it is used)

ALL DIMENSIONS ARE IN METRE

JOINERY DETAILS:

R.S1 - Rolling shutter 6.00 x 4.48
R.S - Rolling shutter 5.00 x 4.48
DD - Double door 1.51 x 2.10
D - Door 0.90 x 2.10
D1 - Door 0.78 x 2.10
SS - Sliding Door 0.90 x 2.10
W - Window 2.00 x 1.20
V - Ventilator 2.00 x 0.50
V1 - Ventilator 1.00 x 0.76

OFFICE USE:-

For Jallikattus Pac Consulting Pvt.Ltd.

Director

Sri Pradeesh.M
Registered Architect
CA/2024/189773
Mobile No:9847707746
Theni Boat Cadd & Plotting
Periyakulam Road, Theni-626631

APPLICANT:-

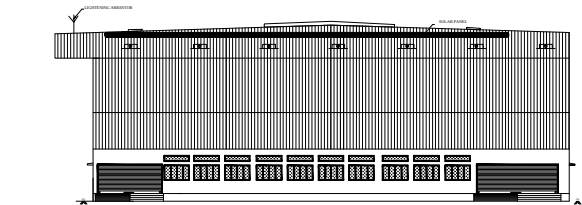
REGISTERED ARCHITECT:-

Er. N. NAGARATHINAM, M.E, M.C.E.,
Chartered Engineer & Structural Consultant
DTCP Regd. Struct. Engineer Gr-I, Registered Engineer Gr-I
26/5, First Cross Street, Rathinam Nagar, Theni-626 801.
Cst: 9345413211, 9095100234

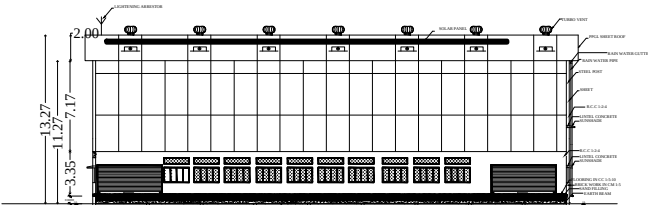
Er. M. GOPAL B.E. (Civil)
DTCP Registered Engineers Grade - III (Reg)
Reg No. RE - GR - III 2023 / 08 / 008
Quality Construction & Designer
South New Street, Therkasai,
Periyakulam - 625 601, Theni District,
Cell No. 86109,76360

STRUCTURAL ENGINEER:-

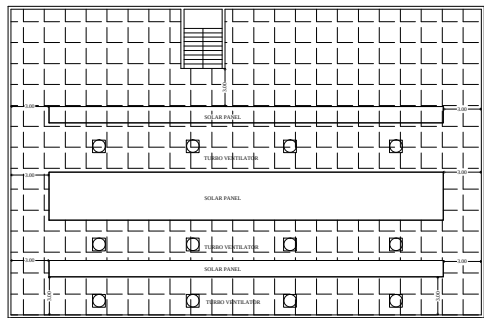
REGISTERED ENGINEER:-



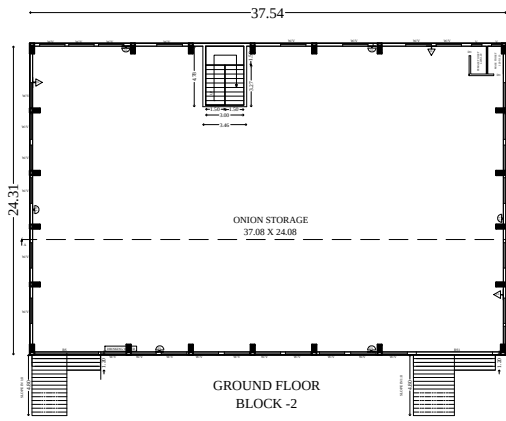
FRONT ELEVATION



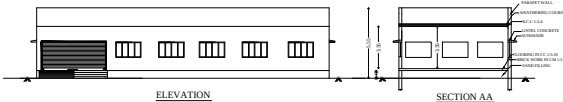
SECTION AA
BLOCK - 2



SHEET ROOF-TERRACE
BLOCK - 2

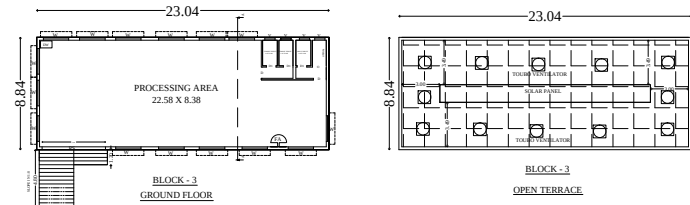


GROUND FLOOR
BLOCK - 2



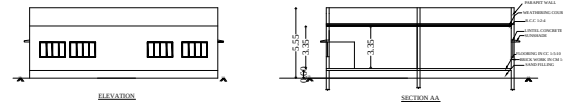
ELEVATION

SECTION AA



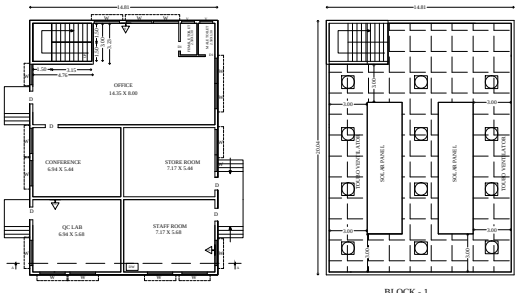
BLOCK - 3
GROUND FLOOR

BLOCK - 3
OPEN TERRACE



ELEVATION

SECTION AA



BLOCK - 1
GROUND FLOOR

BLOCK - 1
OPEN TERRACE

SPECIFICATION:
FOUNDATION : COLUMN FOOTING
BRICK WORK : C.M 1:6 FOR SUPER STRUCTURE
PLASTERING : C.M 1:5 FOR WALLS & 1:3 FOR CEILING
CEMENT PAINT : 2 COATS FOR WALLS & 1 EXTRA COAT FOR CEILING
R.C.C : 1:2:4 FOR SLABS & LINTELS
WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER

MACHINERY NAME AND H.P DETAILS		
S.No	NAME	HP DETAILS
1	ONION CLEANING MACHINE	1 HP
2	WEIGH FEEDER	1 HP
3	GRADING MACHINE	0.5 HP
4	WEIGHING SCALES	0.5 HP
5	ONION DEHYDRATORS	7.5 HP
6	AIR COOLING MACHINE	1.5 HP
7	ONION DRIERS	0.5 HP
8	ONION CUTTING & SLICING MACHINES	0.25 HP
9	AUTOMATIC PACKING MACHINES	0.1HP
10	FRYING MACHINES	3 HP
11	FORKLIFT (1 TON)	0.5 HP
12	PROCESS INSTRUMENTATION (SENSORS,ETC.)	0.25 HP
13	PALLET TRUCKS	0.25 HP
14	PORTABLE BELT CONVEYORS	1.25 HP
15	QA/QC LAB EQUIPMENT	0.1HP
16	FIRE & SAFETY EQUIPMENT	1.25 HP
17	FILTER PRESS	0.25 HP
18	RAW WATER UNIT	8 HP
19	BLOWERS FOR ONION VENTILATION	30 HP
20	ONION CLEANING MACHINE	10 HP
21	AIR COMPRESSOR	10 HP
22	DEHYDRATORS	20 HP
23	DRIERS	20 HP
24	QA/QC-OVENS & HEATERS	10,30 HP
25	LIGHTING & FAN(OTHER ITEMS)	35 HP
TOTAL HP		163.00 HP

Signature Not
Verified

Signed by Village Panchayat
President
Location:Theni
Date:2025.09.26 15:29:54