PLAN SHOWING THE PROPOSED ADDITIONAL CONSTRUCTION OF THE EXISTING ELECTRICAL AND ELECTRONICS GOODS INDUSTRIAL BUILDING USING 50 H.P ELECTRICAL POWER IN SURVEY NO. 135/4A2, 135/4B2, 135/5, 135/6, 135/7 & 135/8B AT ULUNDURPETTAI TO VILUPPURAM ROAD, SENGURICHI VILLAGE AND PANCHAYAT, ULUNDURPETTAI TALUK, KALLAKURICHI DISTRICT.

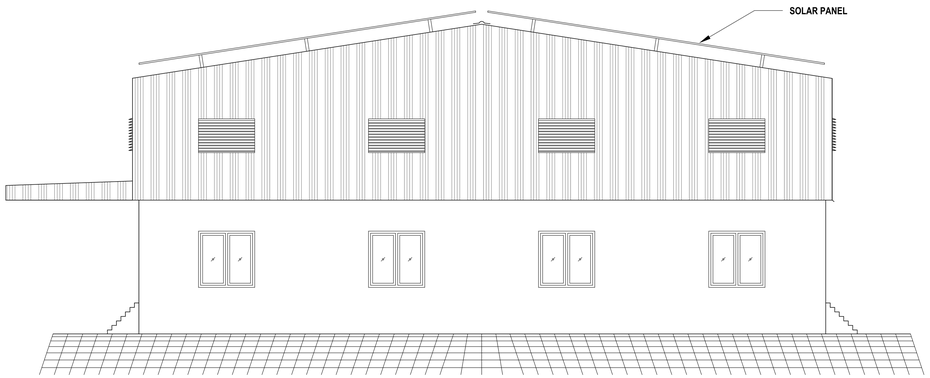
APPLICANT NAME: Mr. J. JOHN SATHYA

N

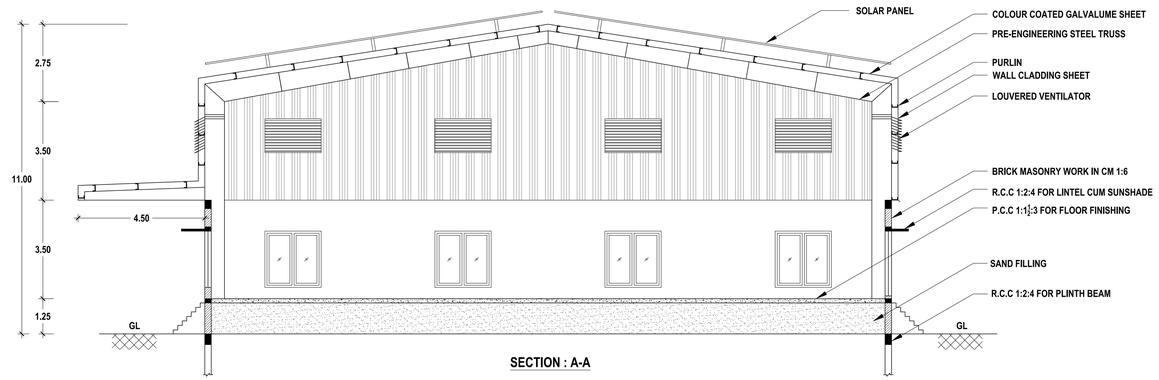
SCALE - 1:100

SHEET NO. 2

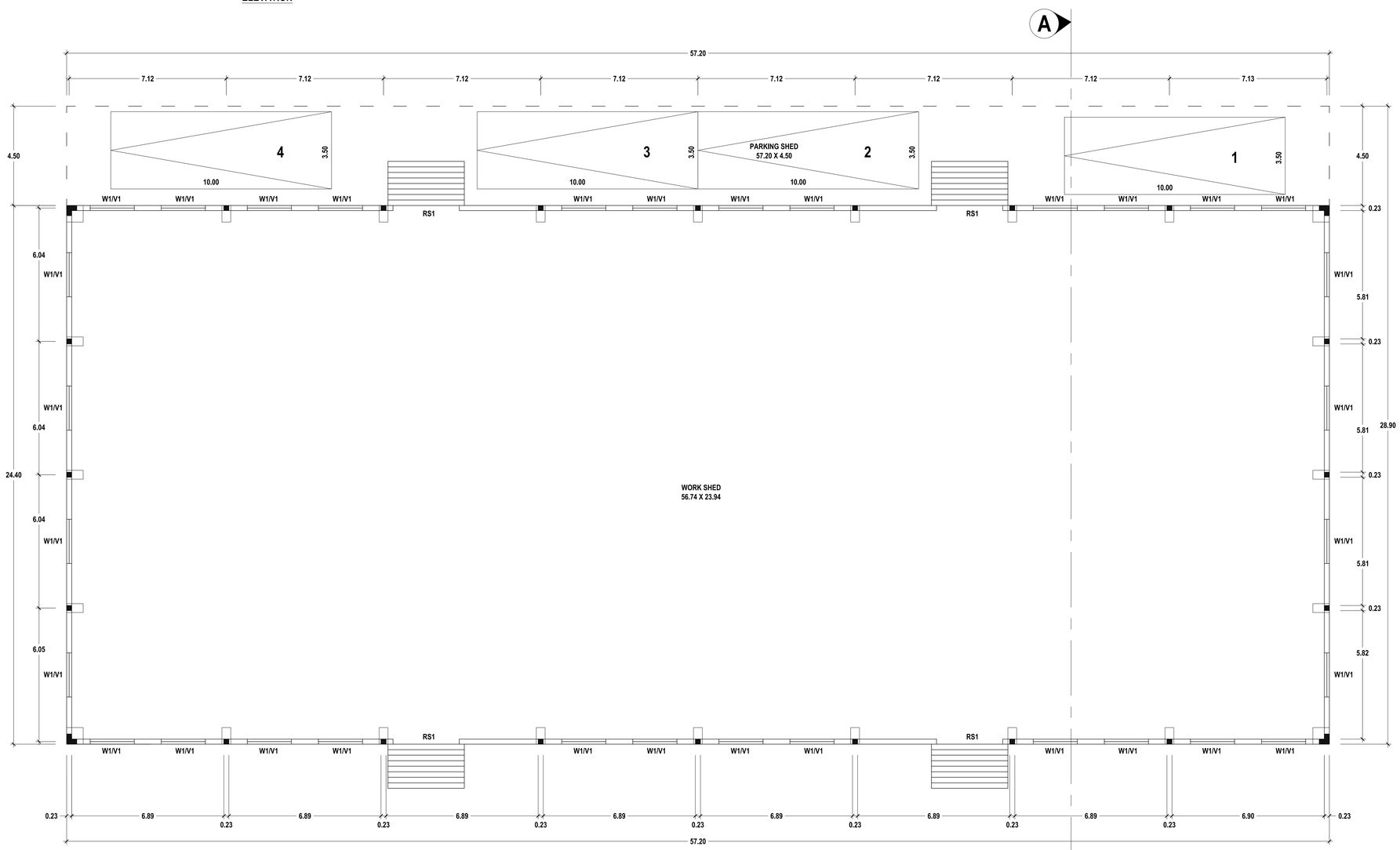
OFFICE USE:



ELEVATION



SECTION : A-A



ELEVATION

B.P/DTCP NO: 01/ 2024

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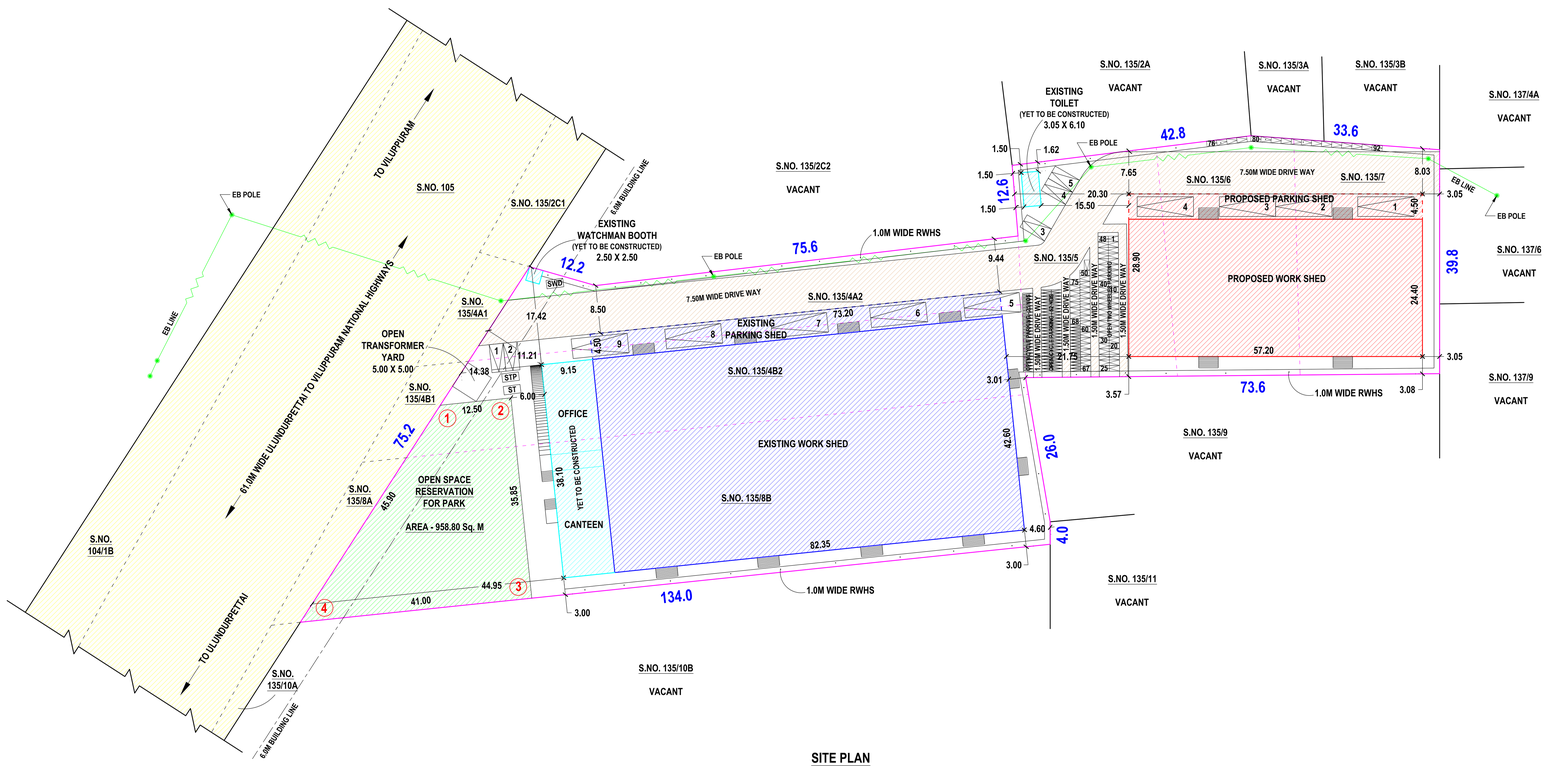
APPLICANT NAME: Mr. J. JOHN SATHYA

SCALE - 1:100

SHEET NO. 1

OFFICE USE:

B.P/DTCP NO: 01/ 2024



SITE PLAN

SCALE - 1:500

NOTE:

1. EXISTING APPROVED BUILDING PLANNING PERMISSION NO. SWP/DTCP/KALLAKURCHI/003/2023
2. ALL DIMENSIONS ARE IN METER.
3. CENTRALIZED AIR-CONDITION SYSTEM TO BE PROVIDED.
4. OPEN TRANSFORMER YARD - 5.00M X 5.00M
5. NUMBER OF WORKERS INVOLVED - 50 PERSONS.

NOTE: ALL DIMENSIONS ARE IN METER

SCHEDULE OF JOINERIES

REF	DESCRIPTION	SIZE (in meter)
RS1	ROLLING SHUTTER	3.00 X 3.00
W1	GLAZED WINDOW	2.00 X 2.00
V1	VENTILATOR	2.00 X 1.20

ELECTRICAL POWER DETAILS

SL. NO.	DESCRIPTION	POWER (in HP)
1	WEIGHING MACHINE	10
2	SOLDERING MACHINE	5
3	LAMINATION MACHINE	10
4	PACKING MACHINE	8
5	HYDRAULIC LIFTING MACHINE	12
6	PRINTING MACHINE	5
	TOTAL	50

AREA DETAILS AS PER SALE DEED

SL. NO.	DOCUMENT NUMBER	SURVEY NUMBER	AREA in Sq. M	AREA in Acre
1.	1818/2022	135/4A2	1050.00	0.26
2.		135/4B2	2550.00	0.63
3.		135/5	1000.00	0.25
4.		135/6	1050.00	0.26
5.		135/7	1100.00	0.27
6.		135/8B	3400.00	0.84
TOTAL			10150.00	2.51

AREA DETAILS AS PER FMB & PATTA

SL. NO.	PATTA NUMBER	SURVEY NUMBER	AREA in Sq. M	AREA in Acre
1.	3602	135/4A2	1050.00	0.26
2.		135/4B2	1950.00	0.48
3.		135/5	1000.00	0.25
4.		135/6	1050.00	0.26
5.		135/7	1100.00	0.27
6.		135/8B	3400.00	0.84
TOTAL			9550.00	2.36

BUILD UP AREA DETAILS

BLOCK NO.	DESCRIPTION	FSI AREA	NON FSI AREA	AREA in Sq. M
	AREA OF THE SITE	- - - -	- - - -	9550.00
	EXISTING BUILDING - APPROVED			
1	WORK SHED	3137.54	- - - -	3137.54
	PARKING SHED	- - - -	329.40	329.40
2	TOILET	18.61	- - - -	18.61
3	WATCHMAN BOOTH	6.25	- - - -	6.25
	TOTAL	3162.40	329.40	3491.80
	PROPOSED BUILDING - TO BE APPROVED			
4	WORK SHED	1395.68	- - - -	1395.68
	PARKING SHED	- - - -	257.40	257.40
	TOTAL	1395.68	257.40	1653.08
	GRAND TOTAL	4558.08	586.80	5144.88

$$FSI = \frac{\text{TOTAL AREA OF ALL FLOORS}}{\text{PLOT AREA}} = \frac{4558.08}{9550.00} = 0.477 < 1.50$$

$$PC = \frac{\text{GROUND FLOOR AREA}}{\text{PLOT AREA}} \times 100 = \frac{5144.88}{9550.00} \times 100 = 53.87\%$$

PARKING DETAILS FOR ELECTRICAL & ELECTRONIC GOODS INDUSTRIES

1 CAR SPACE FOR EVERY 100Sq. M OF OFFICE AREA

1 TWO WHEELER SPACE AND 1 CYCLE SPACE FOR EVERY 50Sq. M OF WORKSHOP AREA

STALL SIZE FOR PARKING

1 CYCLE SPACE	-	0.58M X 1.80M
1 TWO WHEELER SPACE	-	1.00M X 1.80M
1 CAR SPACE	-	2.50M X 5.00M
1 CAR SPACE FOR PH	-	3.60M X 5.00M
1 LORRY SPACE	-	3.50M X 10.00M

PARKING DETAILS FOR FSI

DESCRIPTION	AREA	REQUIRED	PROVIDED
EXISTING WORK SHED, TOILET, WATCHMAN BOOTH AND PROPOSED WORK SHED (EXCEPT EXISTING PARKING SHED & PROPOSED PARKING SHED)	4558.08	4 CARS 92 TWO WHEELERS 92 CYCLES	9 LORRIES 5 CARS 92 TWO WHEELERS 92 CYCLES

WORKER'S DETAILS

SL. NO.	DESCRIPTION	NUMBER OF WORKERS
1	GENTS	35
2	LADIES	15
	TOTAL	50

CERTIFICATE

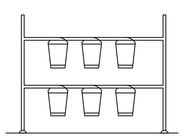
1. CERTIFIED THAT PROVISIONS SHALL BE MADE TO BE PROVIDE "RAIN WATER HARVESTING SYSTEM" IN THE PROPOSED CONSTRUCTION AS PER PLAN.
2. BATH ROOM AND WASH BASIN WATER IS CONNECTED TO PERCOLATION PIT FOR GROUND WATER RECHARGE.
3. SOLAR WATER HEATING SYSTEM IS PROVIDED IN THIS BUILDING CONSTRUCTION AS PER PLAN.

REFERENCE

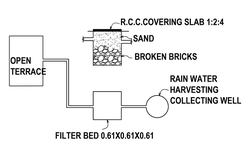
DESCRIPTION	AREA in Sq. M	AREA in Sq. Ft	COLOUR
APPILCANT SITE	- - - -	- - - -	
EXISTING APPROVED BUILDING	- - - -	- - - -	
EXISTING APPROVED BUILDING (YET TO BE CONSTRUCTED)	- - - -	- - - -	
PROPOSED BUILDING	- - - -	- - - -	
OSR FOR PARK	958.80	10320.52	
OPEN SPACE	4427.62	47658.90	
DRIVE WAY	- - - -	- - - -	
EXISTING BUILDING	- - - -	- - - -	
EXISTING ROAD	- - - -	- - - -	
WATER BODY	- - - -	- - - -	

DETAILS OF FIRE FIGHTING SYSTEMS

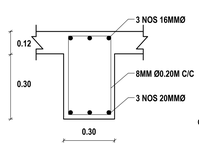
- FIRE RESISTING BUCKETS WITH SAND (EACH 1KG) - 5KG X 6 NOS = 30 KG
- FIRE RESISTING BUCKETS WITH WATER (EACH 1KG) - 5KG X 4 NOS = 20 KG
- CO - CORBON DI-OXIDE TYPE FIRE EXTINGUISHER - 2KG X 10 NOS = 20 KG
- DCP DRY CHEMICAL TYPE FIRE EXTINGUISHER - 5KG X 6 NOS = 30 KG
- FA - FIRE ALARM = 4 NOS
- SPRINKLER SYSTEM TO BE PROVIDED
- FIRE HYDRANT SYSTEM TO BE PROVIDED
- HOSE REEL SYSTEM TO BE PROVIDED



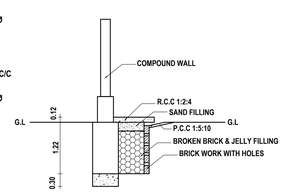
SAND BUCKETS



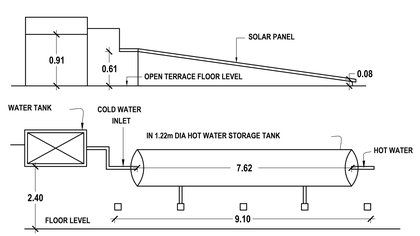
DETAILS OF RAIN WATER HARVESTING SYSTEM



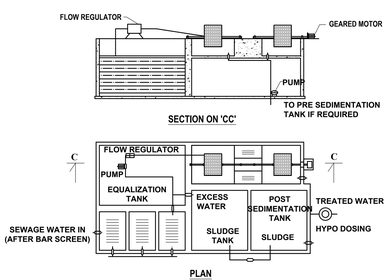
ROOF BEAM DETAILS



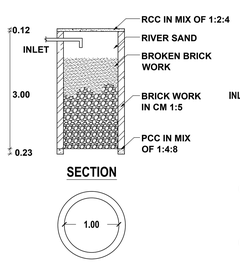
PLINTH BOUNDARY PERCOLATION PIT



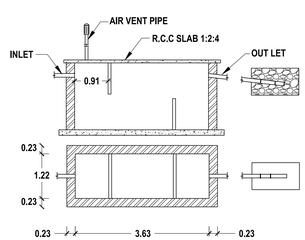
DETAILS OF SOLAR WATER HEATING SYSTEM



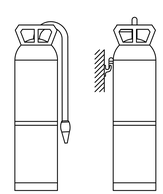
DETAILS OF SEWAGE TREATMENT PLANT



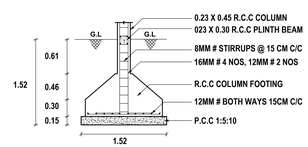
PERCOLATION PIT



SEPTIC TANK & TRENCH



FIRE EXTINGUISHER



COLUMN FOOTING DETAILS

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