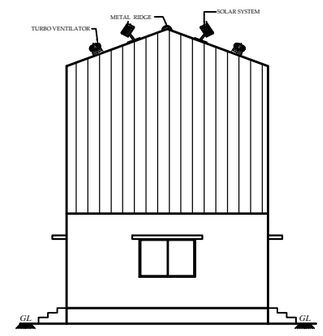
SHEET No: 2 OF 2

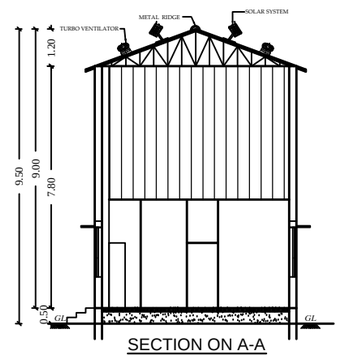
PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING M/S HITEC INDUSTRIAL FAN AND SYSTEMS SIDCO INDUSTRIAL ESTATE,KAKKALUR DP.NO:16, S.No: 2 Part & 3 Part PUTLUR VILLAGE, THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

(ANNEXURE - VI) - GREEN CATEGORY
MFG Of INDUSTRIAL FANS AND BLOWERS

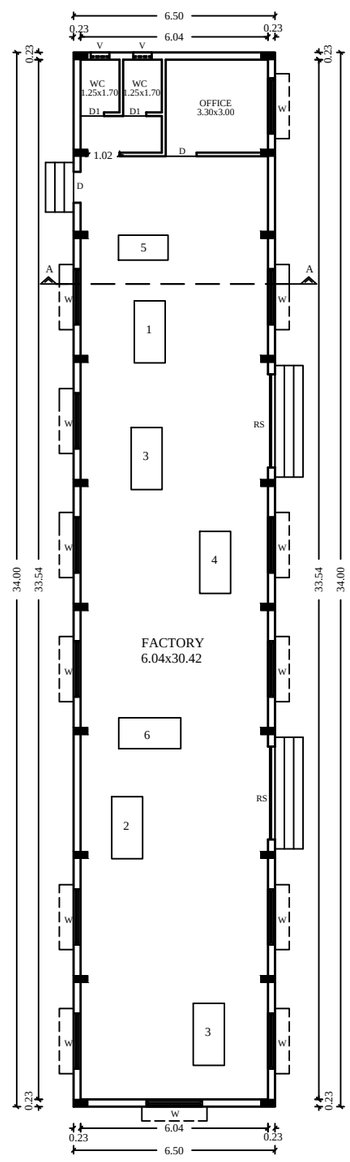
SIDCO INDUSTRIAL ESTATE
KAKKALUR
LAYOUT APPROVED No : 77/2015



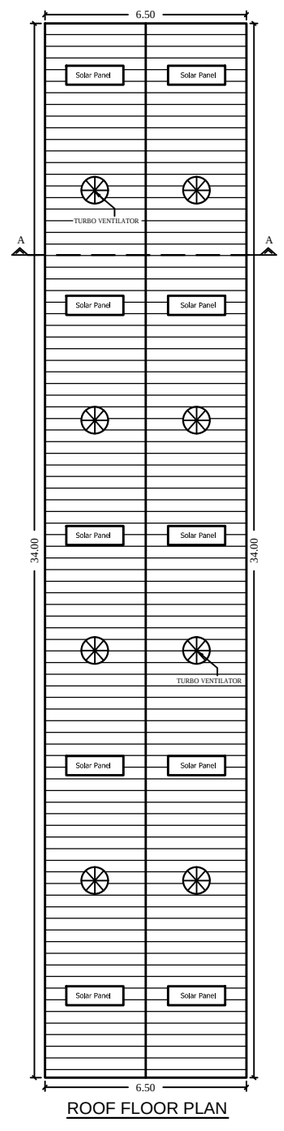
ELEVATION



SECTION ON A-A



GROUND FLOOR PLAN



ROOF FLOOR PLAN

SPECIFICATION

FOUNDATION
FOUNDATION AND BASEMENT IN RCC COLUMN AND PLINTH BEAM OVER A BED OF RCC 1:4:8, 6"THICK AS PER STRUCTURAL DETAILS.
SUPER STRUCTURE:-
SUPER STRUCTURE IN23 TH. ,11.5TH. COUNTRY BURNT BRICK WALLS WITH CEMENT MORTOR 1:5
RCC MEMBERS
FOOTING , COLUMNS, PLINTH BEAMS ,LINTEL, SUNSHADE, FLOOR, ROOF BEAMS, SLABS & STAIR WITH RCC 1:1.5:3 USING 20MM NOMINAL SIZE BROCKEN STONES.
PLASTERING
WALLS INSIDE & OUTSIDE IN CM 1:5, 12mm TH.
CEILING IN CM 1:3 9mm TH.
PAINTING
FINISHING THE WALL , CEILING WITH CEMENT PAINT OVER & PRIMING COAT
FLOORING
FINISHING THE FLOOR WITH 20 TH GRANO FLOORING OVER A BED OF PCC 1:4:8 6"TH. AND RIVER SAND
DOORS &WINDOWS
DOORS WITH COUNTRY WOODEN FRAMES , 32 TH. FLUSH DOOR SHUTTERS , SS FASTENINGS , PAINT FINISH
WINDOWS WITH MEDIUM ANODISED ALUMINIUM OPENABLE SHUTTERS WITH 4 mm GLASS & STANDARD FASTENINGS

SCHEDULE OF JOINERIES:

NO.	DESCRIPTION	SIZE
R.S	ROLLING SHUTTER	3.00 x 3.00
D	DOOR	1.00 x 2.10
D1	DOOR	0.75 x 2.10
W	WINDOW	1.80 x 1.50
V	VENTILATOR	0.60 x 0.90

MACHINERY DETAILS

S.NO	DESCRIPTION	Nos	EACH HP	TOTAL HP
1.	BALANCING MACHINE	1	10.00	10.00
2.	LATHE MACHINE	1	8.00	8.00
3.	WELDING MACHINE	1	-	-
4.	CUTTING MACHINE	1	2.00	2.00
5.	FAN TEST SHOP	1	10.00	10.00
6.	OH-CRANE	1	10.00	10.00
			TOTAL HP	40.00

COLOUR INDEX

BOUNDARY	
PROPOSED	
EXISTING ROAD	
DRIVE WAY	
EXISTING BUILDING	

SCALE 1: 100 — ALL DIMENISIONS ARE IN METRES

For HITEC INDUSTRIAL FAN AND SYSTEMS
Proprietor

OWNERS SIGNATURE

Er. K.RATHINASAMY, M.E,M.I.E, FIV,
Structural Engineer-Gr-I
DTCP Reg.No : COLRGN/SE/GR-I/2019/06/011
Registered Engineer Gr-I
DTCP Reg. No : COLRGN/RE/Gr-I/2019/06/005
Res : No.W-391/A1 New No.14, Anna Nagar West
Chennai-600101. Mob : 9444100510

STRUCTURAL ENGINEER

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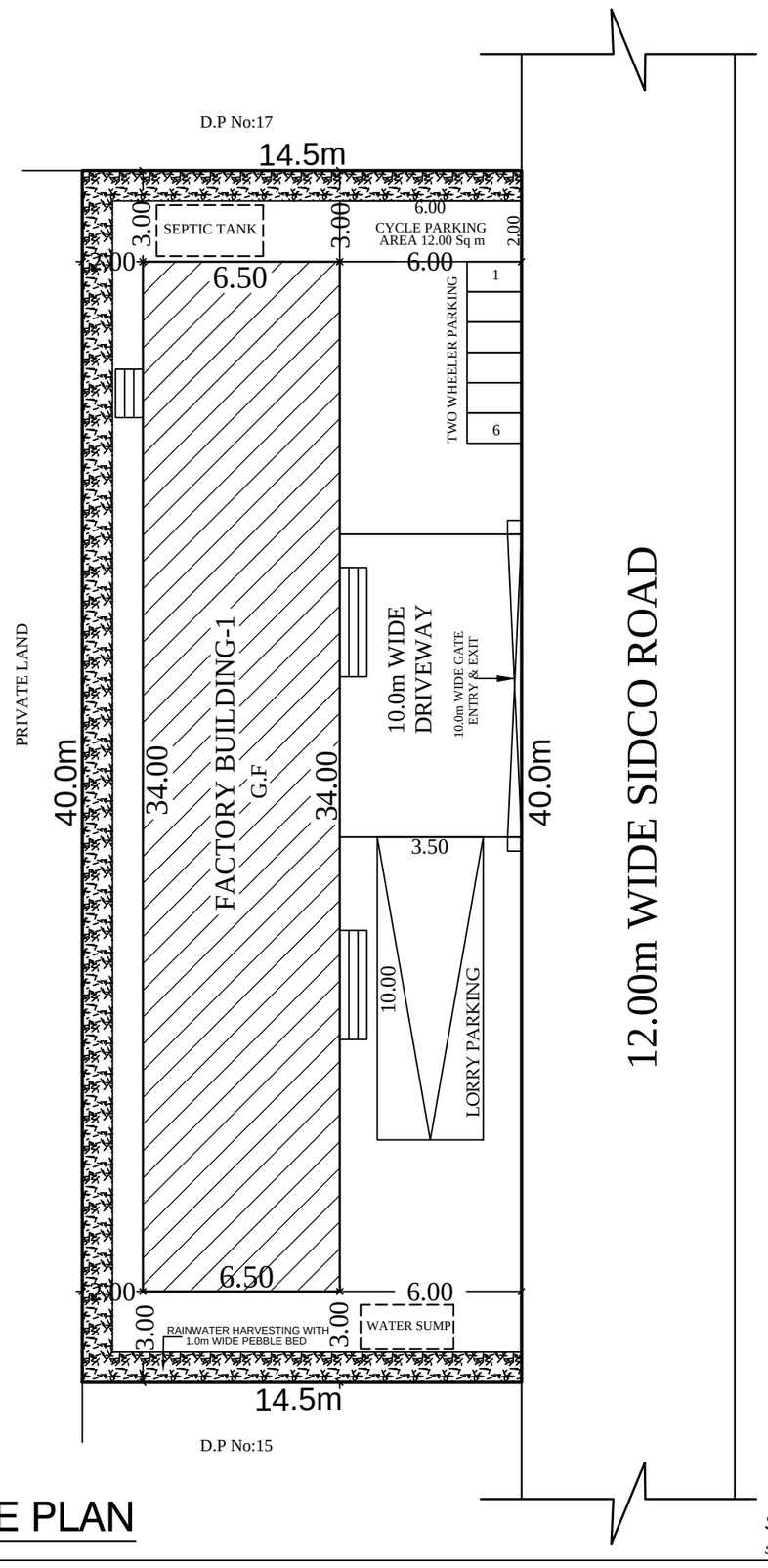
ARCHITECT/ENGINEER

SHEET No: 1 OF 2

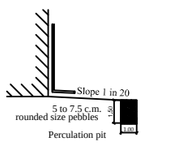
PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING M/S HITEC INDUSTRIAL FAN AND SYSTEMS SIDCO INDUSTRIAL ESTATE,KAKKALUR DP.NO:16, S.No: 2 Part & 3 Part PUTLUR VILLAGE, THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

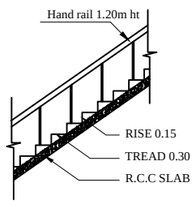
(ANNEXURE - VI) - GREEN CATEGORY
MFG Of INDUSTRIAL FANS AND BLOWERS

SIDCO INDUSTRIAL ESTATE
KAKKALUR
LAYOUT APPROVED No : 77/2015

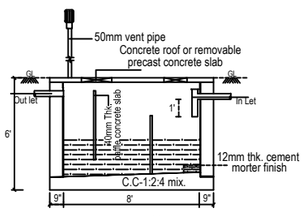


SITE PLAN

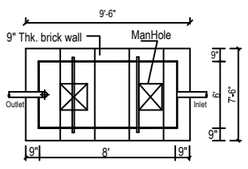




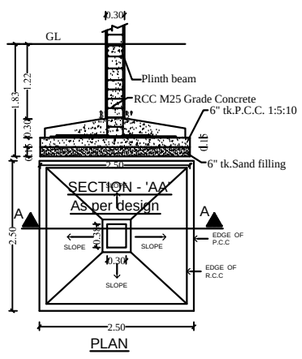
STAIRCASE DETAIL



Sec. of Septic Tank

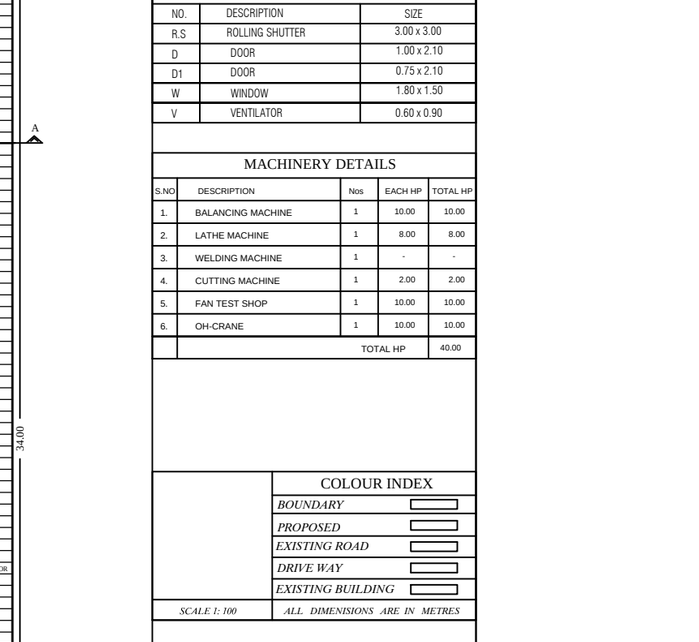


Plan of Septic tank

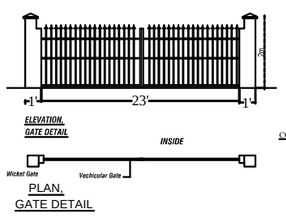


PLAN

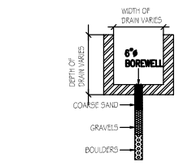
As per design
Typical Column Foundation Detail
As per design



KEY PLAN
(SCALE 1:10000)

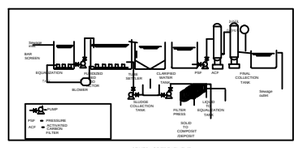


PLAN,
GATE DETAIL

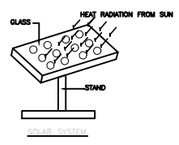


COMPOUND WALL DETAIL

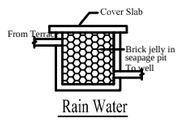
BOREWELL DETAIL
(SCALE= 1:50)



SEWERAGE TREATMENT PLANT-STP



SOLAR SYSTEM



Rain Water
Filter Tank

MACHINERY DETAILS

S.NO	DESCRIPTION	Nos	EACH HP	TOTAL HP
1.	BALANCING MACHINE	1	10.00	10.00
2.	LATHE MACHINE	1	8.00	8.00
3.	WELDING MACHINE	1	-	-
4.	CUTTING MACHINE	1	2.00	2.00
5.	FAN TEST SHOP	1	10.00	10.00
6.	OH-CRANE	1	10.00	10.00
			TOTAL HP	40.00

1. Application Refrence No. SWP/BPA/0003649/2022 and Scrutiny Reference : OFWV9VLG
2. The building plan Numbered as SWP/B.P(Industry) /D.D.T.C.P(TVLR) No.08/2023

AREA DETAIL:

	Sq m
TOTAL PLOT AREA AS PER DOCUMENT	580.00
SUPERIMPOSED AREA	580.00

BUILDING AREA STATEMENT

SL.NO	BUILDING NAME	NON FSI IN Sq m	FSI IN Sq m	TOTAL AREA IN Sq m
1.	**FACTORY BUILDING-1**			
	GROUND FLOOR	-	221.00	221.00
	TOTAL	-	221.00	221.00

AREA CALCULATION

DESCRIPTION	CALCULATION	REQUIRED	PROPOSED
PLOT COVERAGE	$\frac{221.00}{580.00} \times 100$	75%	38.10%
FLOOR SPACE INDEX	$\frac{221.00}{580.00}$	1.5	0.38

PARKING CALCULATION

SLOT	REQUIRED	PROVIDED
LORRY	01	01
CAR	-	02
TWO WHEELER	05	06
CYCLE	6.00Sq m	24.00Sq m

H.P CONSUMED - 40

WORKERS DETAILS

MALE	05 Nos
FEMALE	02 Nos
NUMBER OF WORKERS	07 Nos

COLOUR INDEX

BOUNDARY	
PROPOSED	
EXISTING ROAD	
DRIVE WAY	
EXISTING BUILDING	

SCALE 1: 200 — ALL DIMENISIONS ARE IN METRES

For HITEC INDUSTRIAL FAN AND SYSTEMS
Proprietor

OWNERS SIGNATURE

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ARCHITECT/ENGINEER

Signature Not Verified
Signed by: Assistant Director
Location: Tiruvallur
Date:2023.02.23 15:29:27