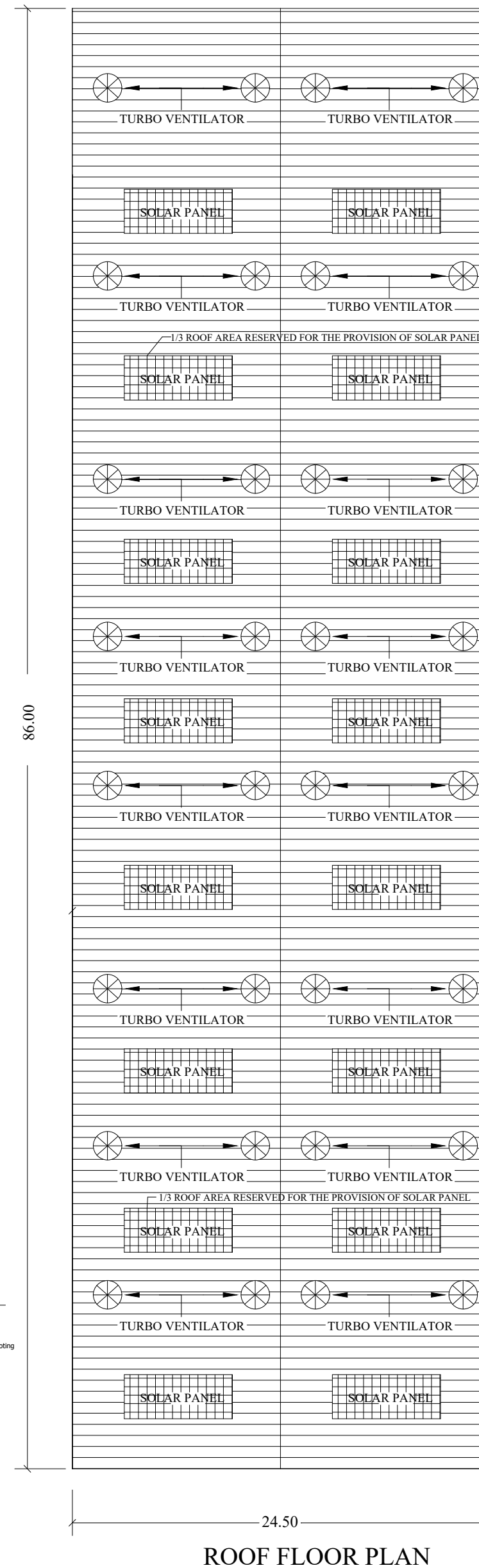
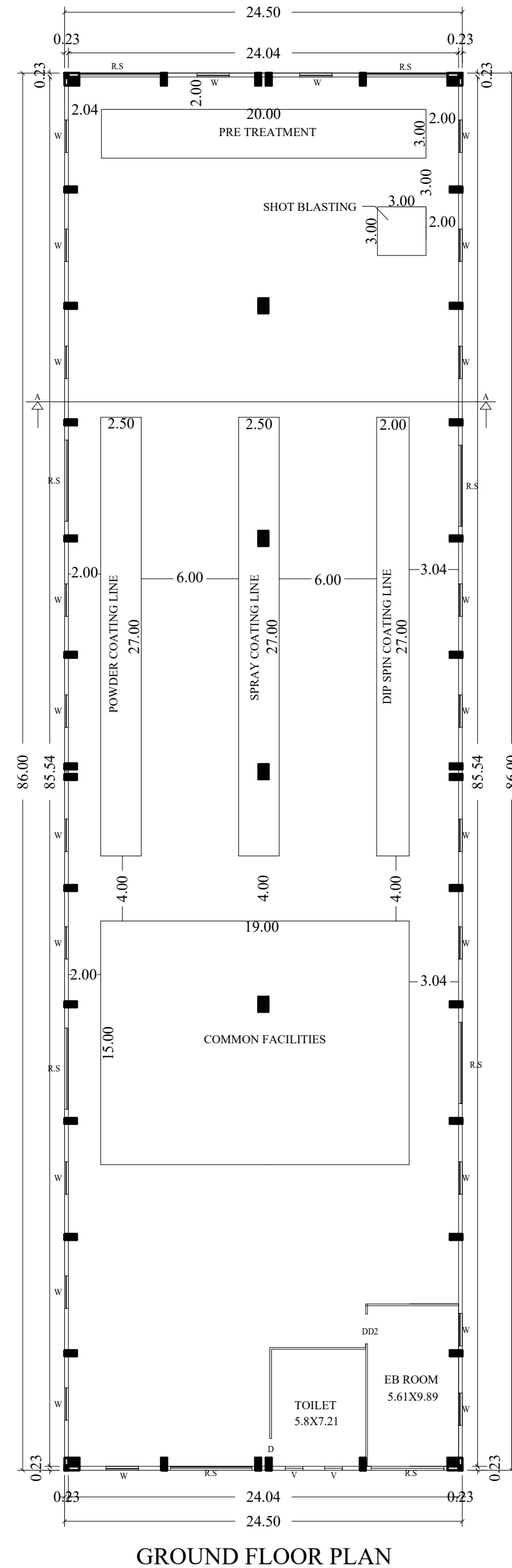




SHEET No: 1 OF 2

PLAN SHOWING THE PROPOSED CONSTRUCTION
OF A INDUSTRIAL BUILDING MANUFACTURER
SPRAY COATING, DIP SPIN COATING & POWDER
COATING, PLOT NO: S24, S.NO: 290(P), VENGADU
VILLAGE SRIPERUMBUDUR TALUK &
KANCHEEPURAM DISTRICT.

**(SIPCOT INDUSTRIAL PARK PILLAIPAKKAM
LAYOUT APPROVED NO:341/2018).**

TNPCB,SI.NO:62,TYPECODE:2062,
CATEGORY:ORANGE

SPECIFICATION

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 1:1

RCC MEMBERS

FOOTING, COLUMNS, PLINTH BEAMS, LINT, 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

<u>TITLE</u>		FACTORY BUILDING PLAN		
<u>JOINERY DETAILS</u>				
R.S	ROLLING SHUTTER	5.00X4.50		
D	DOOR	1.00 X 2.14		
D1	DOOR	0.75 X 2.14		
V	VENTILATOR	0.60 X 1.00		
<u>MACHINERY DETAILS</u>				
S.No.	MACHINES	EACH H.P.	QUANTITY	TOTAL
1.	PRE TREATMENT LINE	130	1	130
2.	SHOT BLASTING	20	1	20
3.	DIP SPIN COATING LINE	220	1	220
4.	SPRAY COATING LINE	290	1	290
5.	POWDER COATING LINE	130	1	130
6.	COMMON FACILITIES	200	--	200
TOTAL H.P			6	990

PROPOSED — ROAD — BOUNDARY —	
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OWNER SIGNATURE : _____



ARCHITECT SIGNATURE :

V. Subhadra
 Ar. V. Subhadra, S. Arch.,
 Regd. MPA RA/Ce-3/002/00018,
 # 40-A8, 1st Floor, S. Var. Pahal Street,
KANCHIPURAM - 2.

PLAN SHOWING THE PROPOSED CONSTRUCTION

OF A INDUSTRIALBUILDING MANUFACTURER

.SPRAY COATING,DIP SPIN COATING & POWDER

COATING ,PLOT NO:S24,S.NO:290(P),VENGADU

VILLAGE SRIPERUMBUDUR TALUK &

KANCHEEPURAM DISTRICT.

(SIPCOT INDUSTRIAL PARK PILLAIPAKKAM

LAYOUT APPROVED NO:341/2018).

TNPGB,SL.NO:62,TYPECODE:2062,

CATEGORY:ORANGE

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
BROOKEN STONES.

PLASTERING
WALLS INSIDE & OUTSIDE IN CM 1:5, 12mm TH.
CEILING IN CM 1:3 9mm TH.

FLOORING
FINISHING THE FLOOR WITH 20 TH GRANO FLOORING
OVER A BED OF PCC 1:4:8 6TH. 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

BUILDING AREA STATEMENT

TOTAL PLOT AREA AS PER DOCUMENT 4050.00

SUPERIMPOSED AREA 4050.00

SL.NO	BUILDING NAME	FSI IN Sq m	NON FSI IN Sq m	TOTAL BUILTUP AREA IN Sq m
1.	GROUND FLOOR FACTORYBUILDING	2107.00	-	2107.00
	TOTAL	2107.00	-	2107.00

NUMBER OF WORKERS:-

MALE = 40 nos
FEMALE = 10 nos
TOTAL WORKERS = 50 nos

TOTAL HP = 990 HP

JOINERY DETAILS

PLOT COVERAGE	$\frac{2107.00}{4050.00} \times 100 = 52.02\%$	RS	ROLLING SHUTTER	5.00 x 4.50
		D	DOOR	1.00 X 2.14
		D1	DOOR	0.75 X 2.14
		W	WINDOW	2.00 X 1.50
		V	VENTILATOR	0.60 X 1.00

FLOOR SPACE INDEX

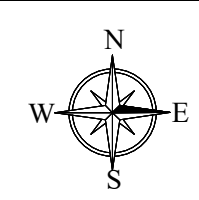
FLOOR SPACE INDEX	$\frac{2107.00}{4050.00} = 0.52$
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PARKING DETAILS

PARKING AREA DETAILS	CALCULATION	REQUIRED	PROVIDED
LORRY	$\frac{2107.00}{500} = 4.21$	4.21 nos.	4 nos.
TWO WHEELER	$\frac{2107.00}{50} = 42.14$	42.14 nos.	43 nos.

PARKING AREA	4 Nos. LORRY WITH DIMENSION 3.5m x 10.0m 45 Nos. BIKES WITH DIMENSION 1.0m x 1.8m CYCLE PARKING AREA = 45 SQM
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SCALE 1:100



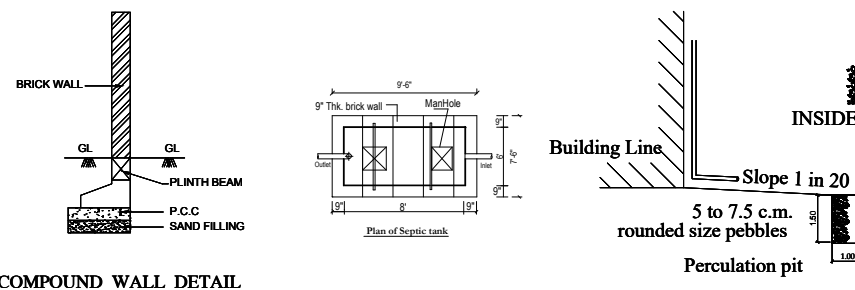
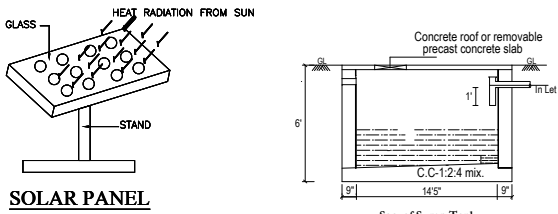
COLOUR INDEX

BOUNDARY	
PROPOSED BUILDING	
ROAD	
ALL DIMENISONS ARE IN METRES	

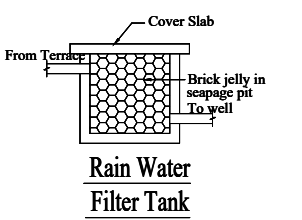
OWNERS SIGNATURE

ARCHITECT/ENGINEER

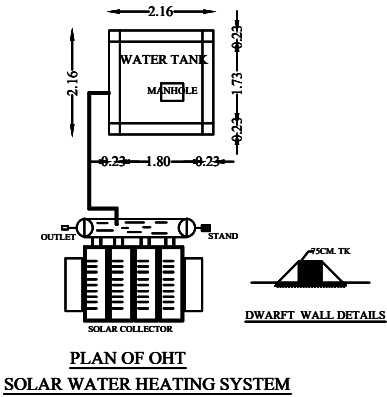
STRUCTURAL ENGINEER



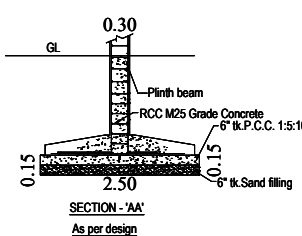
COMPOUND WALL DETAIL



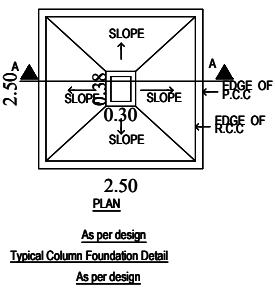
Rain Water Filter Tank



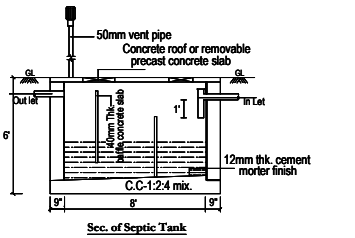
PLAN OF OHT
SOLAR WATER HEATING SYSTEM



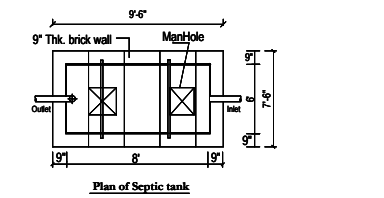
SECTION -AA'
As per design



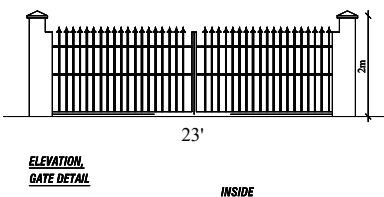
Typical Column Foundation Detail
As per design



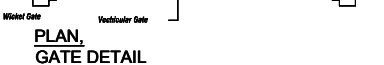
Sec. of Septic Tank



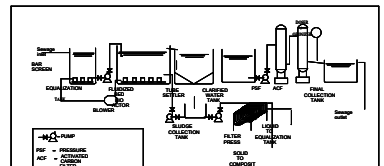
Plan of Septic tank



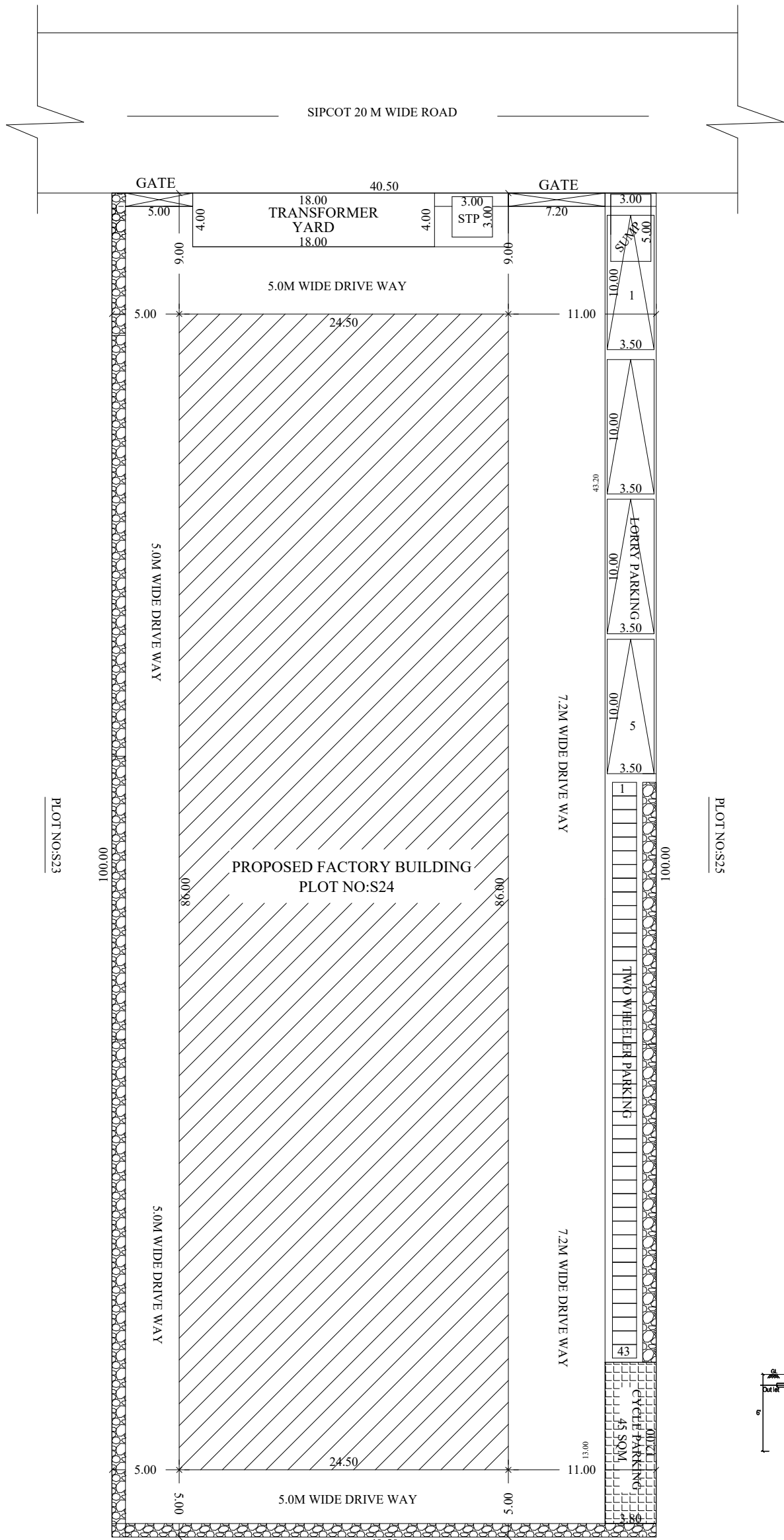
ELEVATION
GATE DETAIL



PLAN,
GATE DETAIL



SEPTIC TANK
DETAILS



OSR-11

SITE PLAN

SCALE 1:100

Signature Not
Verified

Signed by: Deputy Director
Location: Kancheepuram
Date: 2024.01.12 15:37:51