

PLAN SHOWING THE PROPOSED

CONSTRUCTION OF FACTORY

BUILDING IN S.NO:392/6B,7B,8B,9,10,11B,

12B,V.NO:174,PAZHAIYASEVARAM-A

VILLAGE ,WALAJABAD TALUK AND

KANCHEEPURAM DISTRICT.

MANUFACTURER OF CEMENT BLOCK

TNPGB SI NO:11 (3011,CEMENT PRODUCTS)

CATEGORY :GREEN

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 IN 23 TH. 11.5TH. COUNTRY BURNT BRICK WALLS WITH CEMENT MORTAR 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 A PRIMING COAT

FLOORING
FINISHING THE FLOOR WITH 20 TH GRANO FLOORING OVER A BED OF PCC 1-4/8 6"TH. AND SIVER 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

TITLE

FACTORY BUILDING

JOINERY DETAILS

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

SCALE 1:100

MACHINERY DETAIL:

S.No	MACHINE	EACH H.P	QUANTITY	TOTAL
1	CUTTING MACHINE	50	2	100
2	SURFACE MACHINE	50	2	100
TOTAL				200

NUMBER OF WORKERS

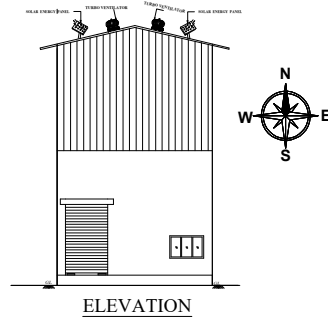
MALE = 25 Nos
FEMALE = 5 Nos
TOTAL = 30 Nos

OWNERS SIGNATURE

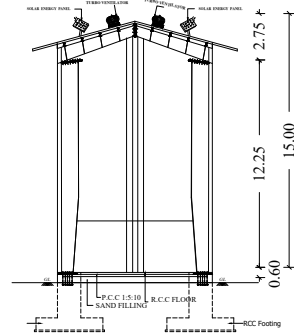
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STRUCTURAL ENGINEER

ARCHITECT/ENGINEER



ELEVATION



SECTION "A - A"

OFFICE BUILDING



ELEVATION

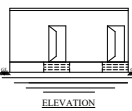


SECTION "A B"

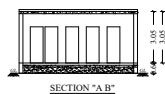


OFFICE BLOCK

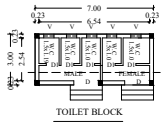
TOILET BLOCK BUILDING



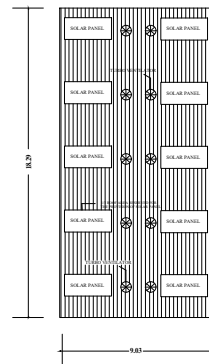
ELEVATION



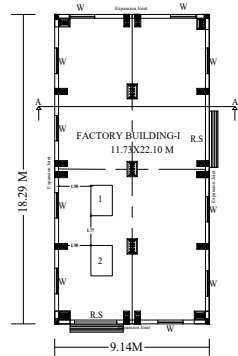
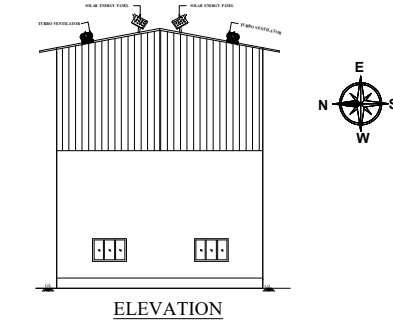
SECTION "A B"



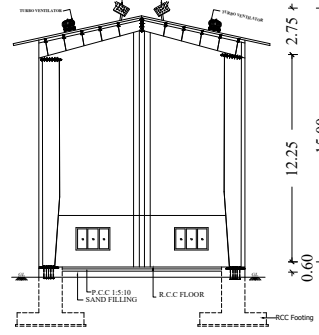
TOILET BLOCK



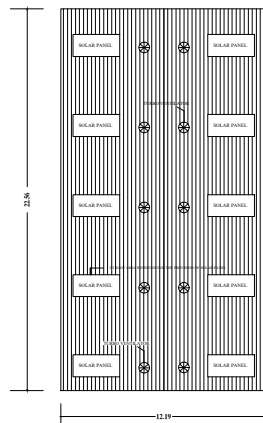
ROOF PLAN

FACTORY BUILDING-I
GROUND FLOOR PLAN

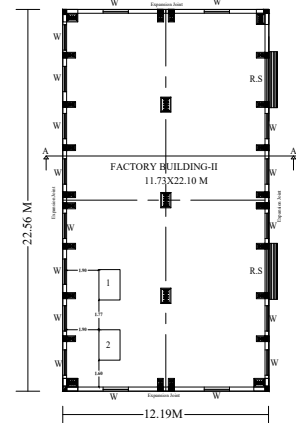
ELEVATION



SECTION "A - A"



ROOF PLAN

FACTORY BUILDING-II
GROUND FLOOR PLAN

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CONSTRUCTION OF FACTORY
BUILDING IN S.NO:392/6B,7B,8B,9,10,11B,
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VILLAGE ,WALAJABAD TALUK AND
KANCHEEPURAM DISTRICT.**

MANUFACTURER OF CEMENT BLOCK

**TNPGB SI NO:11 (3011.CEMENT PRODUCTS)
CATEGORY :GREEN**

BUILDING AREA STATEMENT

TOTAL PLOT AREA AS PER PATTI				8955.01
SUPERIMPOSED AREA				8955.01
SL.NO	BUILDING NAME	PSI (IN Sq.m)	NON PSI (IN Sq.m)	TOTAL BUILDING AREA IN Sq.m
1.	FACTORY BUILDING-1 (GROUND FLOOR)	167.17	-	167.17
2.	FACTORY BUILDING-2 (GROUND FLOOR)	275.00	-	275.00
3.	OFFICE ROOM	10.05	-	10.05
4.	SECURITY ROOM	10.00	-	10.00
3.	TOILET ROOM	21.00	-	21.00
3.	TOTAL	483.22	-	483.22

DESCRIPTION

PLOT COVERAGE	$\frac{483.22}{8955.01} \times 100 = 5.39\%$
FLOOR SPACE INDEX	$\frac{483.22}{8955.01} = 0.05$

OPEN SPACE RESERVATION AREA (OSR) = 901.00 sqm.

OPEN SPACE RESERVATION AREA (OSR) = $\frac{8955.01}{10} = 895.50\%$

FACTORY BUILDING - 1 = 100 HP

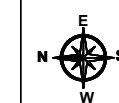
FACTORY BUILDING - 2 = 100 HP

TOTAL HP = 200 HP

NUMBER OF WORKERS = 30 nos.

PARKING DETAILS

PARKING AREA DETAILS	CALCULATION	REQUIRED	PROVIDED
LORRY	$\frac{483.22}{500} = 0.96$	1 nos.	2 nos.
TWO WHEELER	$\frac{483.22}{50} = 9.66$	9 nos.	10 nos.
CYCLE PARKING	$\frac{483.22}{50} = 9.66$	10.0 sqm	
PARKING AREA	2 Nos. LORRY WITH DIMENSION 3.5m x 10.0m 24 Nos. BIKES WITH DIMENSION 1.0m x 1.8m 1 Nos. CAR WITH DIMENSION 2.5m x 5.0m CYCLE PARKING AREA = 9.00 sqm.		



COLOUR INDEX

BOUNDARY	☐
PROPOSED BUILDING	☐
EXISTING ROAD	☐
OSR AREA	☐
SCALE 1:100	
ALL DIMENSIONS ARE IN METRES	

OWNERS SIGNATURE

STRUCTURAL ENGINEER

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