

PLAN SHOWING THE ADDITIONAL CONSTRUCTION OF INDUSTRIAL BUILDING FOR THE MFG.OF WOODEN BOXES (EXI.S.Nos :42/9B,111/4A,4B,7A,7B,10,12A,12B,12C,13,14,15,16,17,18,19,115/1) PRO.ADDITIONAL S.No : 115/4B,6,123/3A,3B,4,5A,5B,6,7,8,9,10,127/1B,1C,1D,1E,1F,4, ORAGADAM VILLAGE, ,MATHUR POST,(ADJACENT TO DAIMLER COMPANY), KUNDRATHUR TK, KANCHEEPURAM DT. TAMIL NADU, PIN CODE : 602 105 .

MANUFACTURE OF WOODEN BOXES
CATEGORY OF INDUSTRY: 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 223 TRL - 11.5TH. COUNTRY BURNT BRICK WALLS WITH CEMENT MORTAR 1:5

RCC MEMBERS
FOOTING, COLUMNS, PLINTH BEAMS, JINTEL, 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 RCC 1-4-8 6"TH. AND RIVER SAND

DOORS & WINDOWS
DOORS WITH COUNTRY WOODEN FRAMES, 20 TH FLUSH DOOR SHUTTERS, SS FASTENINGS, PAINT FINISH

WINDOWS WITH MEDIUM ANGOISED ALUMINIUM OPENABLE SHUTTERS WITH 4 mm GLASS & STANDARD FASTENINGS

S

E

W

N

BOUNDARY

PROPOSED

EXISTING ROAD

ROAD

EXISTING BUILDING

SCALE 1:200

ALL DIMENSIONS ARE IN METRES

MACHINERY DETAIL:

S.No	MACHINE	EACH H.P	QUANTITY	TOTAL
1	CUTTING MACHINE	50	2	100
2	SURFACE MACHINE	50	1	50
			TOTAL	150

NUMBER OF WORKERS

MALE

= 50 Nos

FEMALE

= 25 Nos

TOTAL

= 75 Nos

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

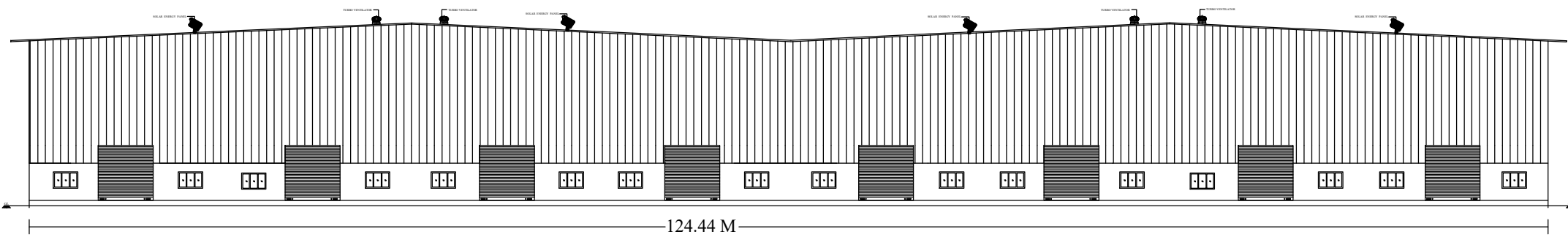
OWNERS SIGNATURE

Dr. M. SURESH M. B. Ph. D
REGD. STRUCTURAL ENGINEER (CIVIL)
27/27, 1st Floor, 10/10, 10/10, 10/10, 10/10
KANCHEEPURAM, TAMIL NADU
09849344444

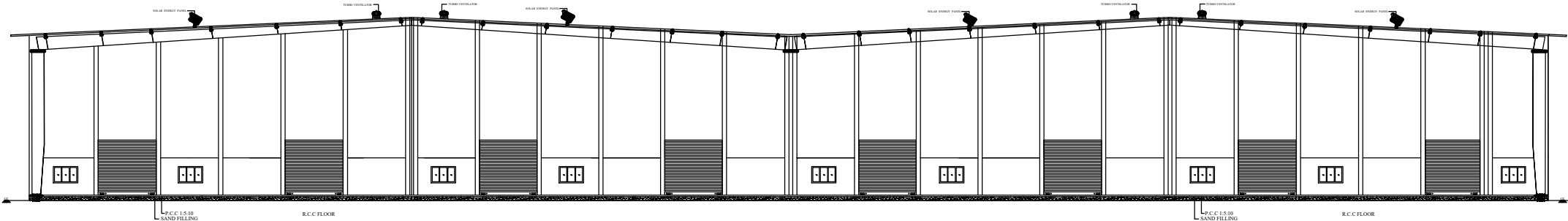
STRUCTURAL ENGINEER

Dr. R. Ar. RAMYA I.M.Arch.
Reg No CA2015188773
74B Kanchipuram Street,
KANCHIPURAM 631001

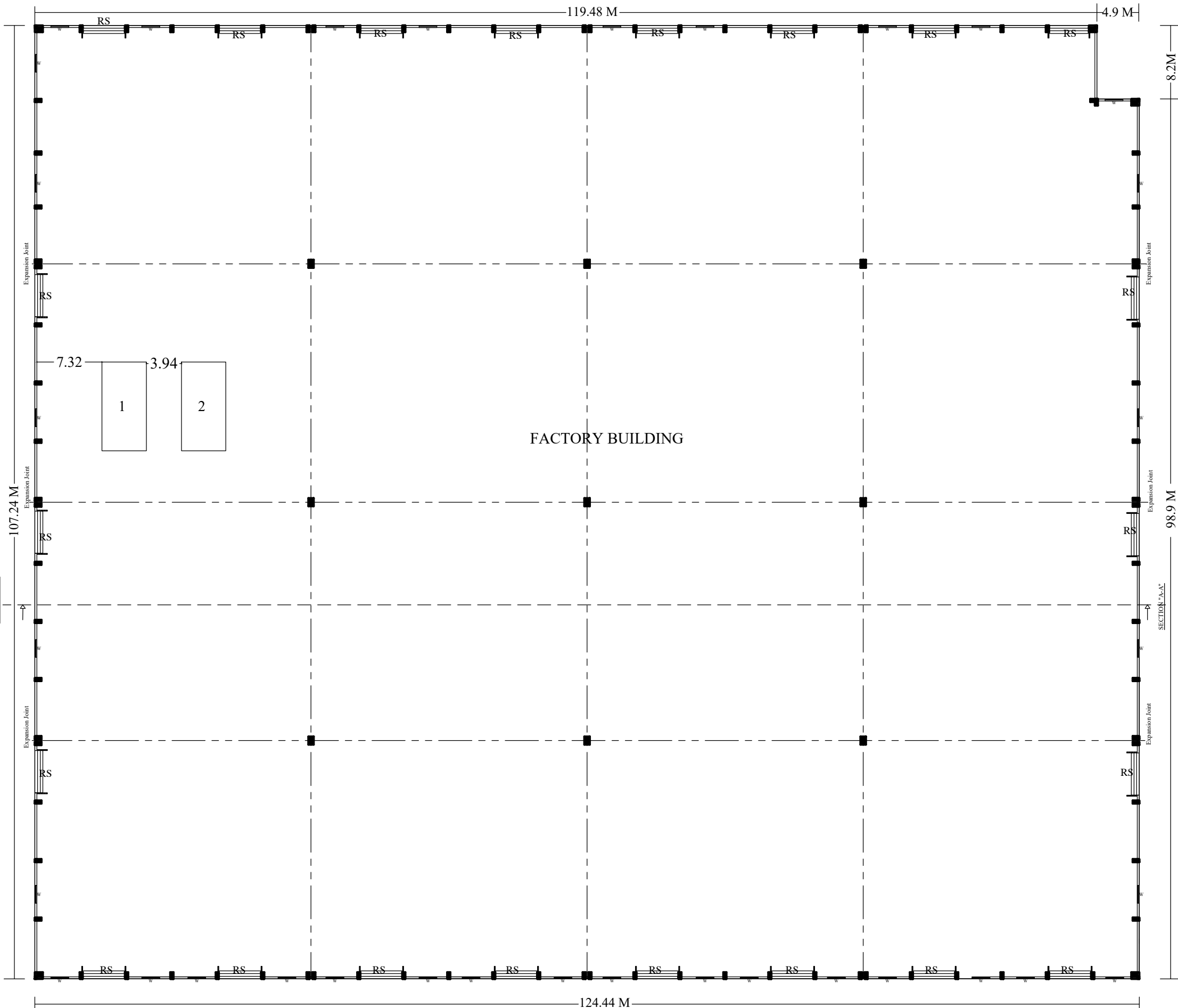
ARCHITECT/ENGINEER



ELEVATION

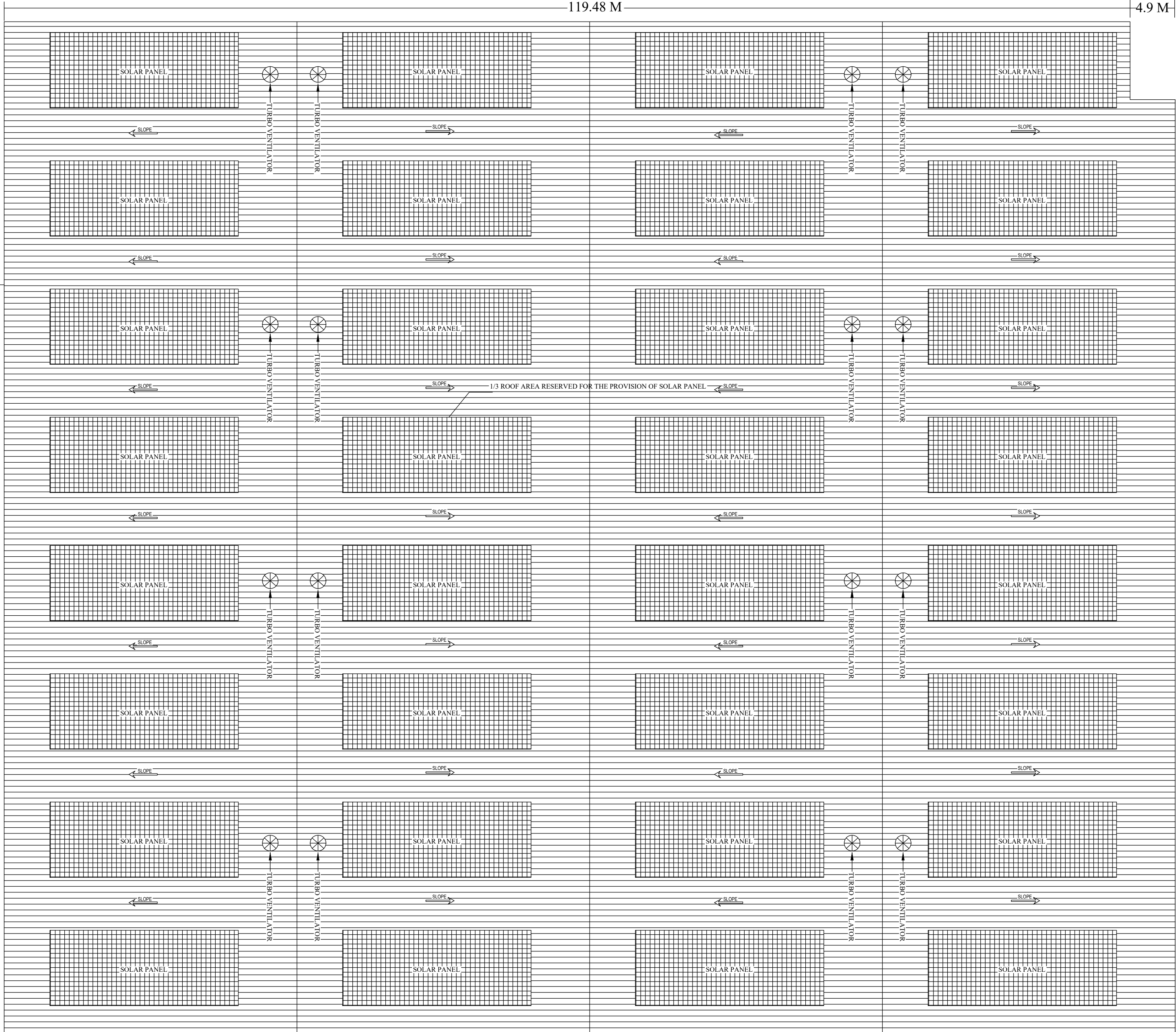


SECTION "A-A"



GROUND FLOOR PLAN

107.24 M



124.44 M
ROOF PLAN

SHEET No: 2 OF 4

PLAN SHOWING THE ADDITIONAL CONSTRUCTION OF INDUSTRIAL BUILDING FOR THE MFG.OF WOODEN BOXES
(EXI.S.Nos :42/9B,111/4A,4B,7A,7B,10,12A,12B,12C,13,14,15,16,17, 18,19,115/1) PRO-ADDITIONAL S.No : 115/4B,6,123/3A,3B,4,5A,5B, 6,7,8,9,10,127/1B,1C,1D,1E,1F,4, ORAGADAM VILLAGE, MATHUR POST, (ADJACENT TO DAIMLER COMPANY), KUNDRATHUR TK, KANCHEEPURAM DT. TAMIL NADU, PIN CODE : 602 105 .

MANUFACTURE OF WOODEN BOXES
CATEGORY OF INDUSTRY: GREEN
SPECIFICATION

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

TITLE

ROOF PLAN

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

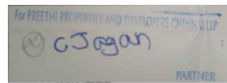
	COLOUR INDEX
	BOUNDARY ☐
	PROPOSED ☐
	EXISTING ROAD ☐
	ROAD ☐
	EXISTING BUILDING ☐

SCALE 1:200 ALL DIMENSIONS ARE IN METRES

MACHINERY DETAIL

S.No	MACHINE	EACH H.P	QUANTITY	TOTAL
1	CUTTING MACHINE	50	2	100
2	SURFACE MACHINE	50	1	50
TOTAL				150

NUMBER OF WORKERS
MALE = 50 Nos
FEMALE = 25 Nos
TOTAL = 75 Nos



OWNERS SIGNATURE

Dr. M. SEKAR, M.E., Ph.D.
(REGISTERED)
REG STRUCTURAL ENGINEER GRADE-
100, Small Street, VELIVANALI, CHENNAI
PANAPASEKAL, 631052
Cell:9543144229

STRUCTURAL ENGINEER

S. R. S.

Ar. RAMYA I, M.ARCH,
Reg.No CA2015/96773
7AB, Kanarajar Street,
KANCHIPURAM-631501

ARCHITECT/ENGINEER



PLAN SHOWING THE ADDITIONAL CONSTRUCTION OF INDUSTRIAL BUILDING FOR THE MFG.OF WOODEN BOXES (EXI.S.Nos :42/9B,111/4A,4B,7A,7B,10,12A,12B,12C,13,14,15,16,17,18,19,115/1) PRO.ADDITIONAL S.N : 115/4B,6,123/3A,3B,4,5A,5B,6,7,8,9,10,127/1B,1C,1D,1E,1F,4, ORAGADAM VILLAGE, MATHUR POST, (ADJACENT TO DAIMLER COMPANY), KUNDURATHUR TK, KANCHEEPURAM DT. TAMIL NADU, PIN CODE : 602 105 .

CATEGORY OF INDUSTRY: GREEN ZONE

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 MORTAR 1:0:5

RCC MEMBERS

FOOTING / COLUMN, PLINTH BEAMS LINTEL, SUNSHADE, FLOR, ROOF BEAMS, SLABS & STAIR WITH RCC 1:1.5:3 USING 20MM NOMINAL SIZE BROKEN 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 RCC 1:4:8 6TH. AND RIVER SAND

DOORS & WINDOWS

DOORS WITH COUNTRY WOODEN FRAMES , 32 TH. FLUSH DOOR SHUTTERS , SS FASTENINGS , PAINT FINISH

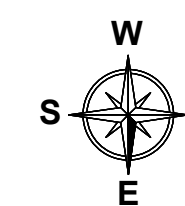
WINDOWS WITH MEDIUM ANGOISED ALUMINIUM OPENABLE , SHUTTERS WITH 4 mm GLASS & STANDARD FASTENINGS

TITLE

TOILET & CANTEEN 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



	COLOUR INDEX
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BOUNDARY

PROPOSED

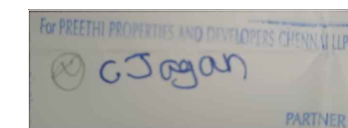
EXISTING ROAD

SCALE 1:100

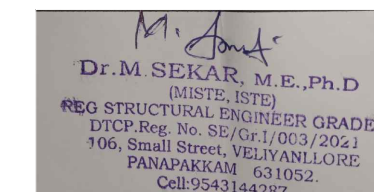
ALL DIMENSIONS ARE IN METRES

NUMBER OF WORKERS

MALE	= 50 Nos
FEMALE	= 25 Nos
TOTAL	= 75 Nos



OWNERS SIGNATURE



STRUCTURAL ENGINEER

I. Rana

Ar.RAMYA.I,M.ARCH,
Reg.No:CA/2015/66773
7AB,Kamarajar Street,
KANCHIPURAM-631501

ARCHITECT/ENGINEER

PLAN SHOWING THE ADDITIONAL CONSTRUCTION OF INDUSTRIAL BUILDING FOR THE MFG.OF WOODEN BOXES (EXI.S.Nos :42/9B,111/4A,4B,7A,7B,10,12A,12B,12C,13,14,15,16,17, 18,19,115/1) PRO.ADDITIONAL S.No : 115/4B,6,123/3A,3B,4,5A,5B, 6,7,8,9,10,127/1B,1C,1D,1E,1F,4, ORAGADAM VILLAGE, ,MATHUR POST,(ADJACENT TO DAIMLER COMPANY), KUNDRATHUR TK, KANCHEEPURAM DT. TAMIL NADU, PIN CODE : 602 105 .

AS PER TNCD & BR-2019
AS PER ANNEXURE-VI
CATEGORY OF INDUSTRY-GREEN
S.NO:(22) FURNITURE(Wooden Box)

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 & PRIMING COAT
DOORS & WINDOWS
DOORS WITH COUNTRY WOODEN FRAMES, 32 TH. FLUSH DOOR SHUTTERS , SS FASTENINGS ,

All Part of Building covered by Mechanical Ventilation

BUILDING AREA STATEMENT

PLOT AREA (as per document)				80110.84
PLOT AREA (as per patta)				80250.00
PROPOSED BUILDING AREA				
1.	ADDI.FACTORY BUILDING (G.F)	-	13285.82	13285.82
2.	CANTEEN (G.F)	-	60.00	60.00
2.	TOILET (G.F)	-	60.00	60.00
	TOTAL	-	13405.82	13405.82

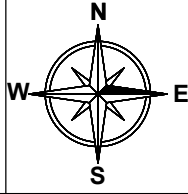
EXISTING FSI AREA = 27278.26 SQM
PROPOSED FSI AREA = 13405.82 SQM
TOTAL FSI AREA = 40684.08 SQM

FLOOR SPACE INDEX = $\frac{\text{EXI+PROPOSED BUILDING AREA}}{\text{TOTAL SITE AREA}}$

FLOOR SPACE INDEX = $\frac{27278.26+13405.82}{80110.84} = 0.50$

OSR CALCULATION:-

10% OF SITE AREA (OSR) = 80250.00(10%)8025.00 SQM
OSR REQUIRED = 8025.00 SQM.
EXI.PROVIDED OSR-1 = 3536.02 SQM
EXI.PROVIDED OSR-2 = 1292.53 SQM
PRO.PROVIDED OSR-3 = 1372.92 SQM
PRO.PROVIDED OSR-4 = 1926.65 SQM
TOTAL OSR PROVIDED = 8128.12 SQM



PARKING DETAILS FOR PROPOSED ADDITIONAL AREA

PARKING AREA DETAILS	CALCULATION	REQUIRED	PROVIDED
LORRY	$\frac{13405.82}{500} = 26.81$	27 nos.	27 nos.
TWO WHEELER	$\frac{13405.82}{50} = 268.11$	269 nos.	270 nos.
CYCLE		268	279

HP DETAILS :

EXISTING HP = 100.00
PROPOSED HP = 150.00
TOTAL HP = 250.00

LABOUR DETAILS :
Male workers = 110 nos.
Female workers = 45 nos.

EXI.LABOUR = 80 nos.
PRO.LABOUR = 75 nos.
TOTAL LABOUR =155 nos.

COLOUR INDEX

BOUNDARY	☐
PROPOSED BUILDING	☐
EXISTING BUILDING	☐

OWNER SIGNATURE

ALL DIMENSIONS ARE IN METRE

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(MISTE,ISTE)
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STRUCTURAL ENGINEER

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Reg No CA/2015/66773
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KANCHIPURAM-631501

ARCHITECT/ENGINEER

EXI.APP.LETTER NO : 1312/2020
EXI.BUILDING PLAN APP.DTCP NO : 17/2021

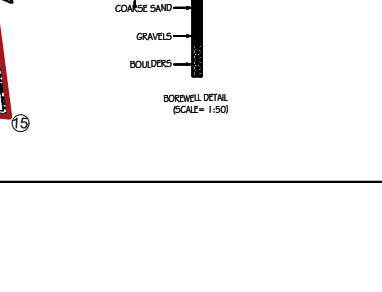
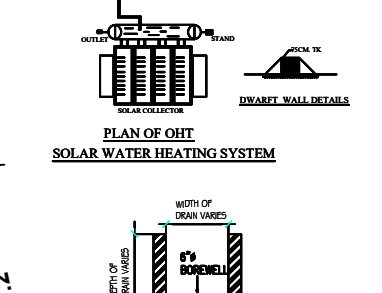
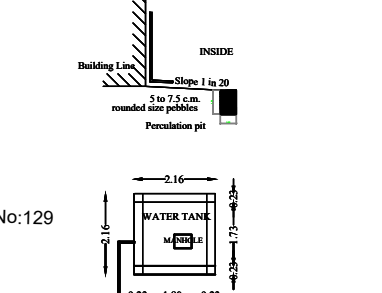
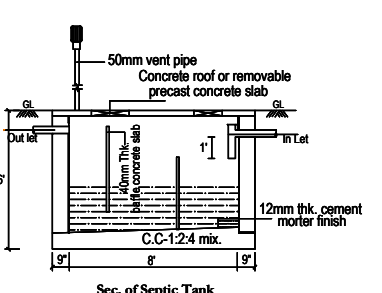
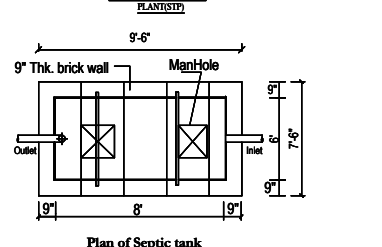
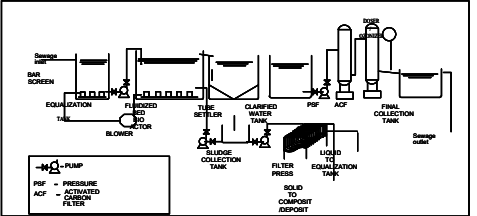
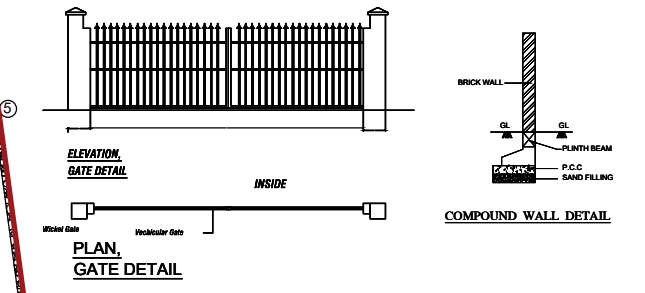
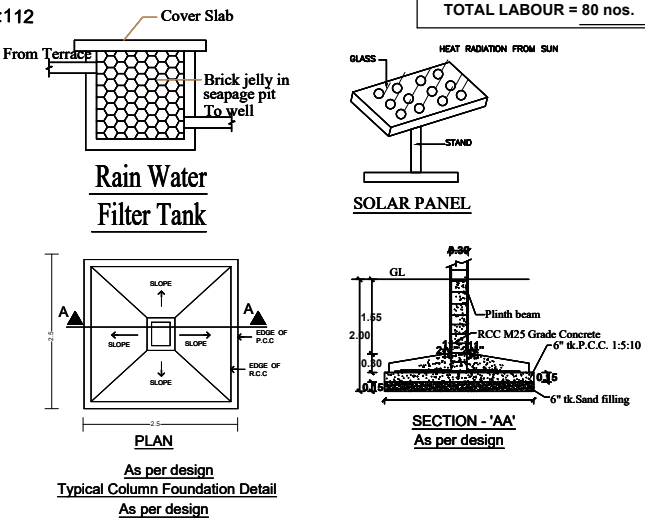
EXI.BUILDING AREA STATEMENT			
TOTAL PLOT AREA AS PER PATT		47950.00	
SUPERIMPOSED AREA		47815.84	
SL.NO	BUILDING NAME	NON FSI IN Sqm	FSI IN Sqm
1.	FACTORY BUILDING-1	-	5271.24
2.	FACTORY BUILDING-2	-	5271.24
3.	FACTORY BUILDING-3	-	5796.00
4.	CANTEEN-4	-	60.00
5.	TOILET BLOCK-5	-	60.00
6.	TOILET BLOCK-6	-	60.00
7.	TOILET BLOCK-7	-	60.00
TOTAL		27278.26	27278.26

10% OF SITE AREA (OSR) = 47950.00(10%)4795.00 SQM
OSR REQUIRED = 4795.00 SQM
EXI.PROVIDED OSR-1 = 3536.02 SQM
EXI.PROVIDED OSR-2 = 1292.53 SQM
OSR PROVIDED = 4828.55 SQM

FLOOR SPACE INDEX = $\frac{27278.26}{47815.84} = 0.57$

EXI.PARKING DETAILS			
PARKING AREA DETAILS	CALCULATION	REQUIRED	PROVIDED
LORRY	$\frac{27278.26}{500} = 54.55$	55 nos.	55 nos.
TWO WHEELER	$\frac{27278.26}{50} = 545.56$	546 nos.	546 nos.
CYCLE		546	546

EXI HP DETAILS :
EXISTING HP = 100.00
LABOUR DETAILS :
Male workers = 60 nos.
Female workers = 20 nos.
TOTAL LABOUR = 80 nos.



SITE PLAN (SCALE : 1 : 800)

Signature Not Verified
Signed by: Deputy Director
Location:Kanchipuram
Date:2023.06.09 18:17:10

Signature Not Verified
Signed by: Director
Location:null
Date:2023.05.24 14:57:50