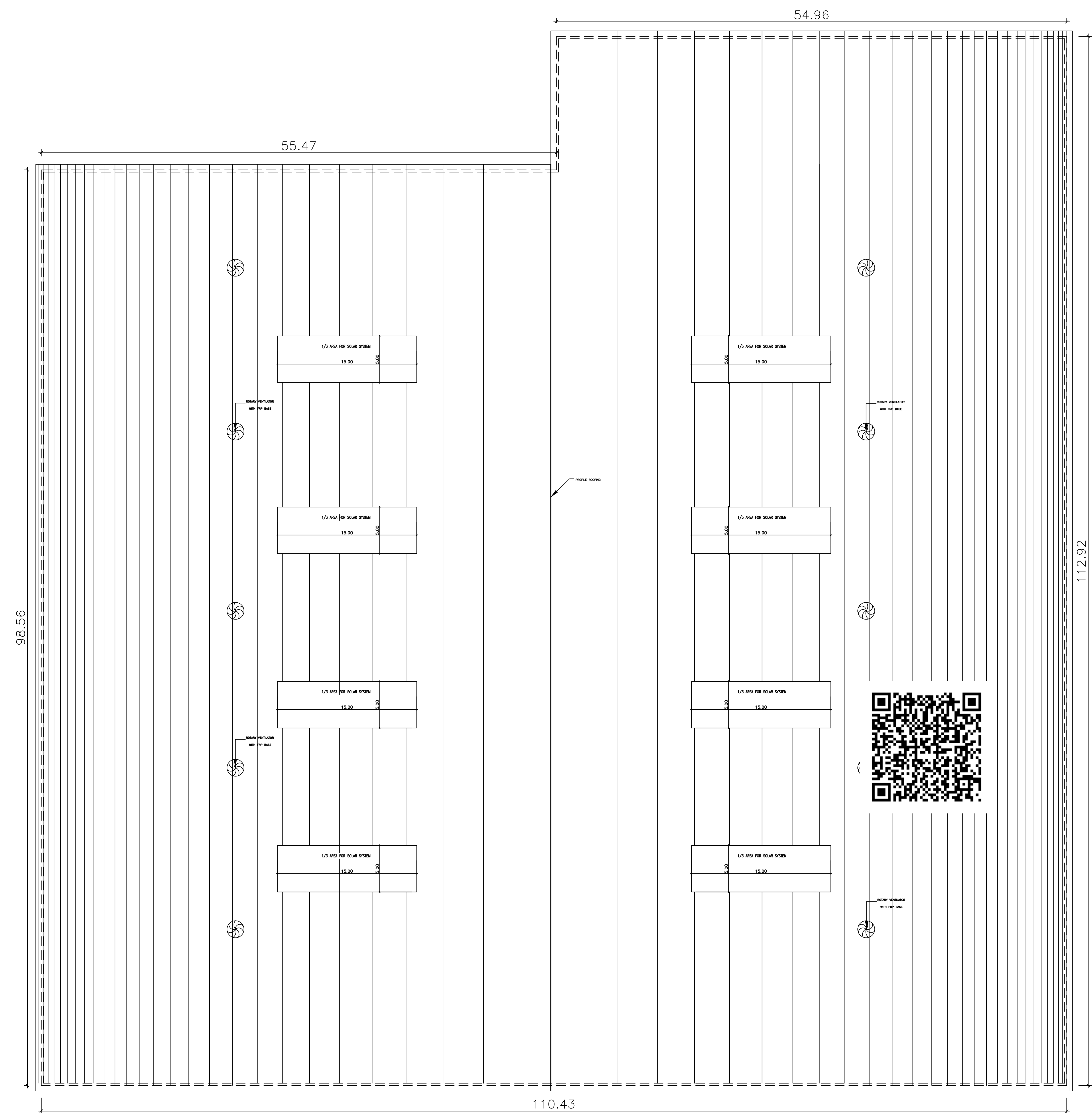
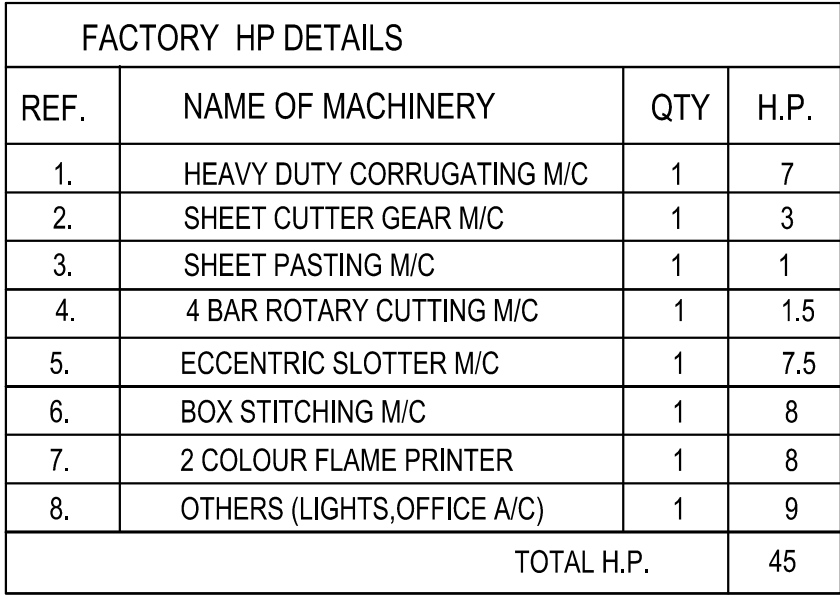




PLAN SHOWING THE PROPOSED
CONSTRUCTION OF FACTORY BUILDING
IN S.NOS: 2/2,3A,3B, 4/1,2,3,4A1A OF V.NO : 62
DURAINALLUR VILLAGE,
VADAKKUNALLUR PANCHAYAT,
SHOLAVARAM UNION,
PONNERI TALUK , TIRUVALLUR DISTRICT.

SCHEDULE OF JOINERY		
RS	ROLLING SHUTTER	3.50 X 3.00
D1	DOOR	1.00 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	3.50 X 1.82
V	VENTILATOR	3.50 X 1.82
V1	VENTILATOR	0.91 X 0.60

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY-2 - GF AREA	11673.13	---	11673.13
TOTAL BUILTUP AREA	11673.13	---	11673.13

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : CARDBOARD BOX INDUSTRY

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

NO OF WORKERS - MALE	: 10 Nos
NO OF WORKERS - FEMALE	: 05 Nos
TOTAL NO OF WORKERS (10+5 = 15)	: 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day	
TOTAL CONSUMPTION (15 X 80)	: 1200 Lit
NO OF SWHS (2000 lit capacity)	: 1 No

TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM INTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSE/VE WITH PRESSED T
ELECTRIFICATION WORK CONCELED WIR

WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER
HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

[1:200]

SITE BOUNDARY

EXISTING ROAD

PROPOSED BUILDING



SIGNATURE OF THE APPLICANT

Dr. R.S. MURALITHARAN, B.E., M.E. (Struct. Ph.D.)
Registered Structural Engineer Grade-I (SE)
CMDA: Reg. No. SE/GR-1/19/12/233
DTCP Reg. No. CGLRGN/SE/GR-1/20/02/00/04
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 DTCP
 Ph : 26745855, Cell : 9841296750
ARCHITECT / ENGINEER

PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING IN S.NOS: 2/2,3A,3B, 4/1,2,3,4A1A OF V.NO : 62, DURAINALLUR VILLAGE, VADAKKUNALLUR PANCHAYAT, SHOLAVARAM UNION, PONNERI TALUK, TIRUVALLUR DISTRICT.

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	3.50 X 3.00	
D1	DOOR	1.00 X 2.13	
D2	DOOR	0.76 X 2.13	
W	WINDOW	3.50 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY-2			
GROUND FLOOR AREA	11673.35	----	11673.35
TOTAL BUILTUP AREA	11673.35	----	11673.35

MANUFACTURING DETAILS

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : CARDBOARD BOX INDUSTRY

WORKER'S DETAILS

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos

SANITATION REQUIREMENTS

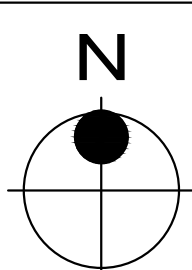
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 lit capacity) : 1 No

TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

SPECIFICATION:	
SUPER STRUCTURE : 9"TK B.W IN C.M 1:5	WWT - WASTE WATER TANK
FOUNDATION : RCC COLUMN FOUNDATION	OHT - OVER HEAD TANK
SLAB : RCC 12:4 4.5"TK	RWH - RAIN WATER HARVESTING
BEAM LINTEL SUNSHADE : RCC 12:4	SWHS - SOLAR WATER HEATING SYSTEM
WEATHERING COURSE/VE WITH PRESSED TILES	FE - FIRE EXTINGUISHER
ELECTRIFICATION WORK CONCELLED WIRING	EA - EMERGENCY ALARM
	SB - SAND BUCKET

SCALE : 1"=16'	COLOR INDEX
[1:200]	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

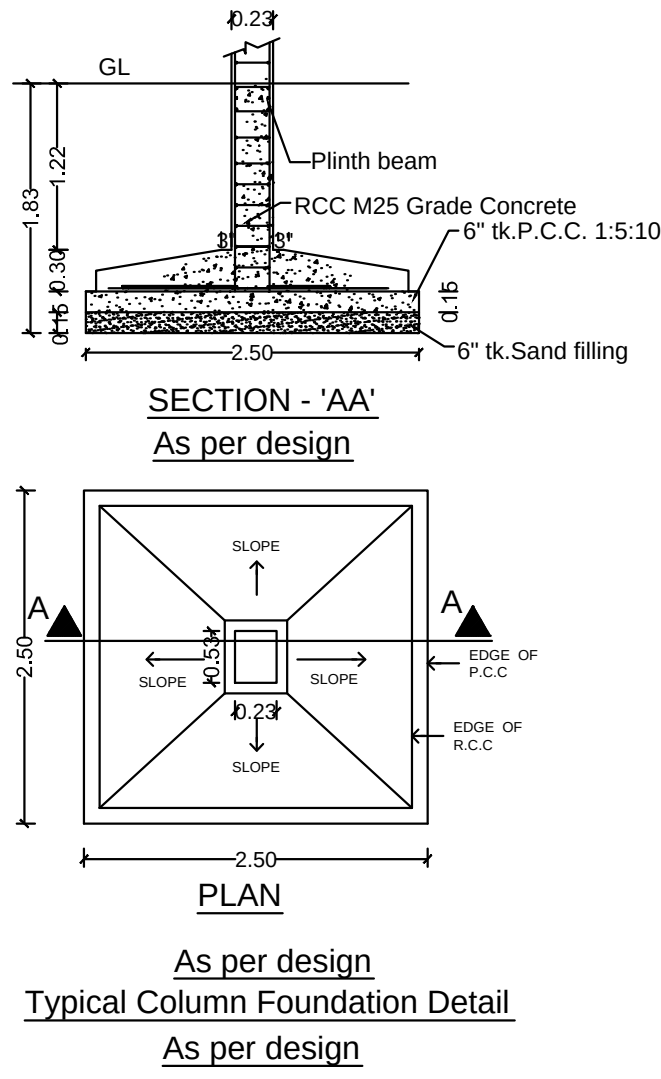
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SIGNATURE OF THE APPLICANT

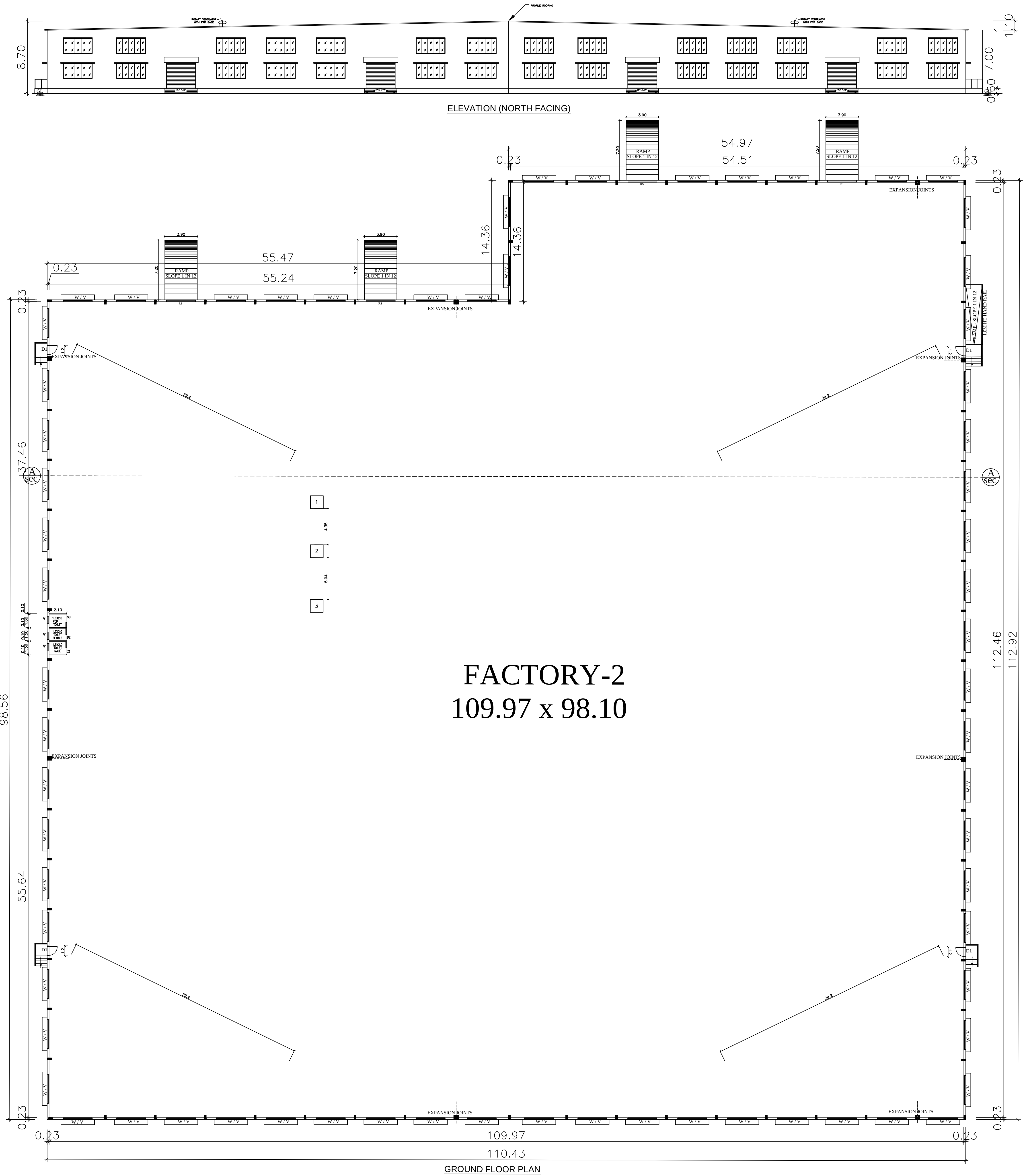
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Dr. R.S. MURALITHARAN, B.E., M.E. (Structural),
Registered Structural Engineer Grade-I (SE)
CMAA Reg. No. SE/GR-1/19/12/23
DTCP Reg. No. CGL/EN/SE/GR-1/20/20/2004
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Structural Engineer Consultant
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@ 9489358800 E-mail: rsmurali06@gmail.com

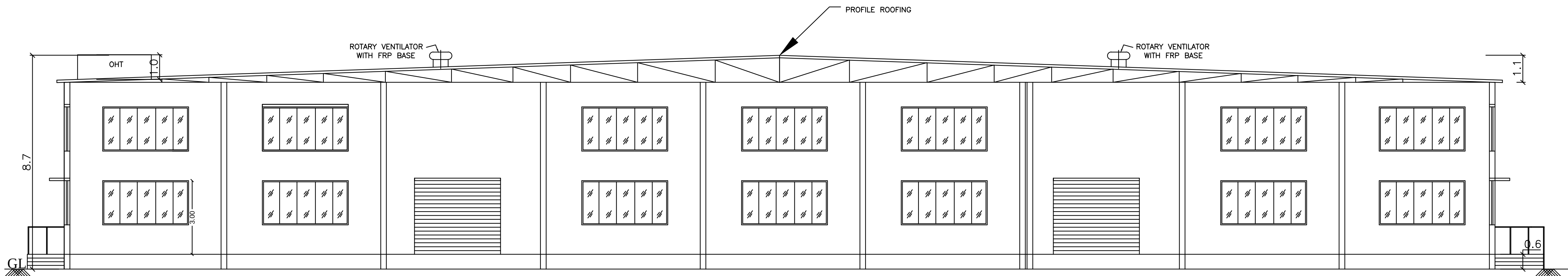
STRUCTURAL ENGINEER

Handwritten signature of P. Mariappan
P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CGL RGN /SE/ GR-II/ 2019 / 57 / 011
DTCP
Ph : 26745655, Cell : 9841296750
ARCHITECT / ENGINEER

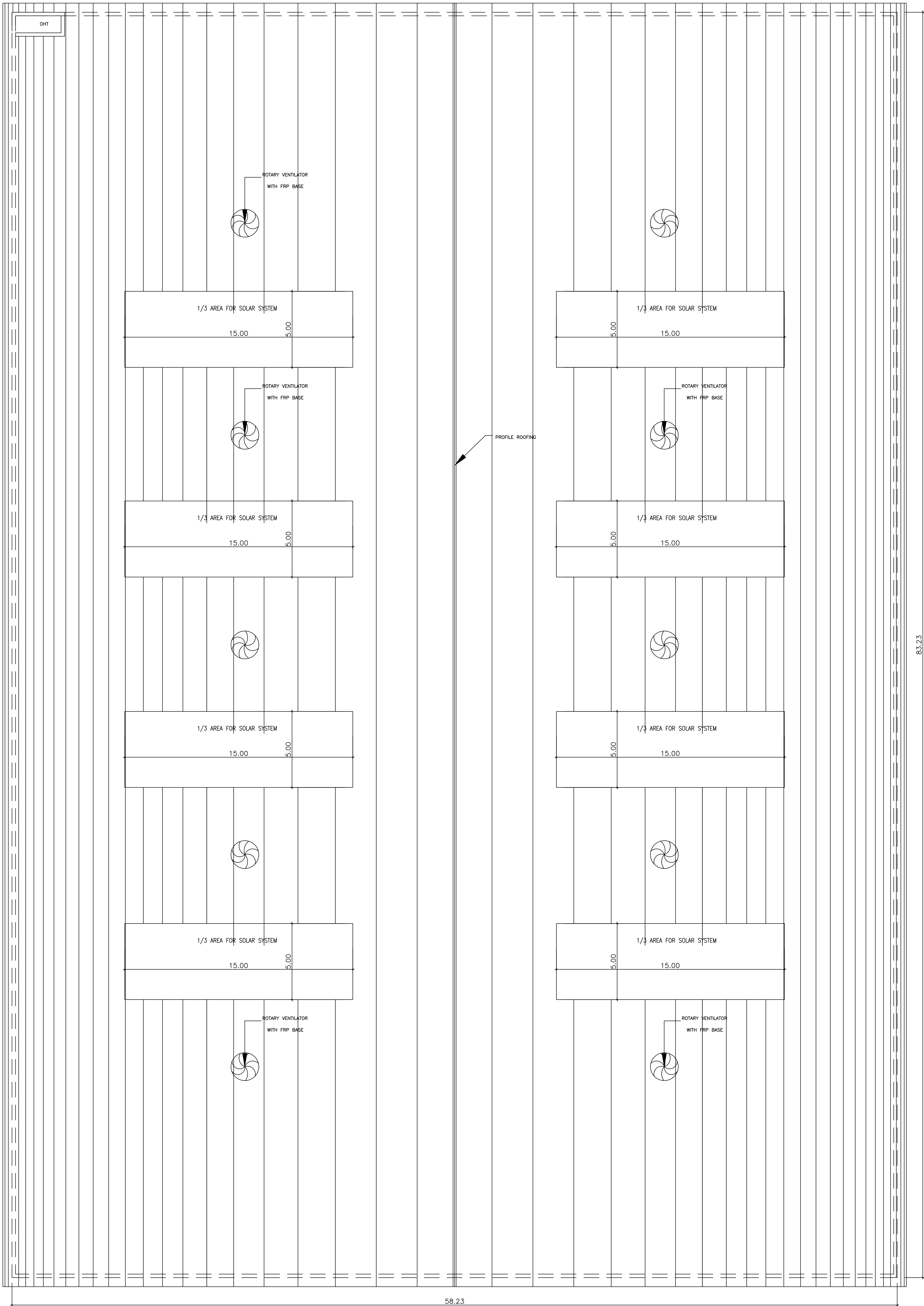


FACTORY HP DETAILS			
REF.	NAME OF MACHINERY	QTY	H.P.
1.	HEAVY DUTY CORRUGATING MC	1	7
2.	SHEET CUTTER GEAR MC	1	3
3.	SHEET PASTING MC	1	1
4.	4 BAR ROTARY CUTTING MC	1	1.5
5.	ECCENTRIC SLOTTING MC	1	7.5
6.	BOX STITCHING MC	1	8
7.	2 COLOUR FLAME PRINTER	1	8
8.	OTHERS (LIGHTS, OFFICE A/C)	1	9
TOTAL H.P.		45	





SECTION ON AA



58.23

SHEET NO : 3/5

PLAN SHOWING THE PROPOSED
CONSTRUCTION OF FACTORY BUILDING
IN S.NOS: 2/2,3A,3B, 4/1,2,3,4A1A OF V.NO : 62,
DURAINALLUR VILLAGE ,
VADAKKUNALLUR PANCHAYAT,
SHOLAVARAM UNION,
PONNERI TALUK , TIRUVALLUR DISTRICT.

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	3.50 X 3.00	
D1	DOOR	1.00 X 2.13	
D2	DOOR	0.76 X 2.13	
W	WINDOW	3.50 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY-1			
GROUND FLOOR AREA	4846.48	----	4846.48
SECURITY ROOM (NON FSI)	-----	6.00	6.00
TOTAL BUILTUP AREA	4846.48	6.00	4852.48

FACTORY HP DETAILS			
REF.	NAME OF MACHINERY	QTY	H.P.
1.	HEAVY DUTY CORRUGATING M/C	1	7
2.	SHEET CUTTER GEAR M/C	1	3
3.	SHEET PASTING M/C	1	1
4.	4 BAR ROTARY CUTTING M/C	1	1.5
5.	ECCENTRIC SLOTTOR M/C	1	7.5
6.	BOX STITCHING M/C	1	8
7.	2 COLOUR FLAME PRINTER	1	8
8.	OTHERS (LIGHTS, OFFICE A/C)	1	9
TOTAL H.P.			45

MANUFACTURING DETAILS
CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : CARDBOARD BOX INDUSTRY

WORKER'S DETAILS
NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL
NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 lit capacity) : 1 No

TURBO VENTILATOR SIZE : 2 DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

SPECIFICATION:
SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSE/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED WIRING
WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=8' [1:100]	COLOR INDEX
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

[Signature]
D. K. MURUGAN

SIGNATURE OF THE APPLICANT

[Signature]
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DTCP Reg. No. CGLRGN/SEI/20-42/2020/26004
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☎ 9889358530 ☐ 77-murali98@gmail.com

STRUCTURAL ENGINEER

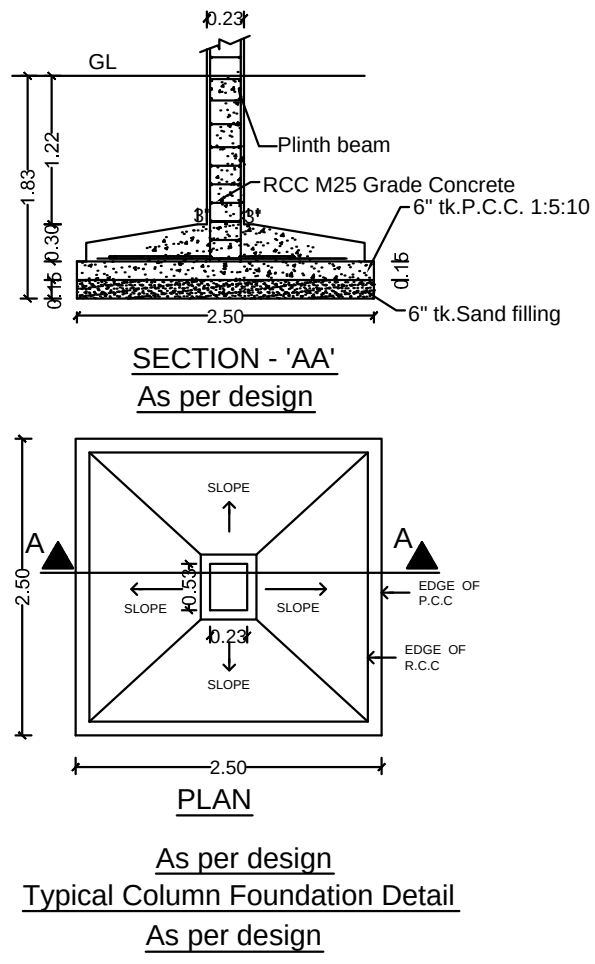
[Signature]
P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CGL RGN / SE / GR-II / 2019 / 07 / 011
DTCP
Ph : 26745655, Cell : 9841296750
ARCHITECT / ENGINEER

PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING IN S.NOS: 2/2,3A,3B, 4/1,2,3,4A1A OF V.NO : 62, DURAINALLUR VILLAGE, VADAKKUNALLUR PANCHAYAT, SHOLAVARAM UNION, PONNERI TALUK , TIRUVALLUR DISTRICT.

SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	3.50 X 3.00
D1	DOOR	1.00 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	3.50 X 1.82
V	VENTILATOR	3.50 X 1.82
V1	VENTILATOR	0.91 X 0.60

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY-1			
GROUND FLOOR AREA	4846.48	----	4846.48
SECURITY ROOM (NON FSI)	-----	6.00	6.00
TOTAL BUILTUP AREA	4846.48	6.00	4852.48



FACTORY HP DETAILS			
REF.	NAME OF MACHINERY	QTY	H.P.
1.	HEAVY DUTY CORRUGATING MIC	1	7
2.	SHEET CUTTER GEAR MIC	1	3
3.	SHEET PASTING MIC	1	1
4.	4 BAR ROTARY CUTTING MIC	1	1.5
5.	ECCENTRIC SLOTTING MIC	1	7.5
6.	BOX STITCHING MIC	1	8
7.	2 COLOUR FLAME PRINTER	1	8
8.	OTHERS (LIGHTS, OFFICE A/C)	1	9
		TOTAL H.P.	45

MANUFACTURING DETAILS

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : CARDBOARD BOX INDUSTRY

WORKER'S DETAILS

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos

SANITATION REQUIREMENTS

DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 lit capacity) : 1 No

TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

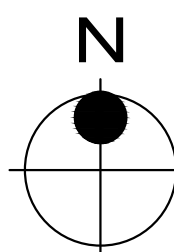
SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSE/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED WIRING

WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWV - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=8'

[1:100]



COLOR INDEX

SITE BOUNDARY
EXISTING ROAD
PROPOSED BUILDING

[Signature]
D. MARIAPPAN

SIGNATURE OF THE APPLICANT

[Signature]
Dr. R.S. MURALITHARAN, s.e. M.E. (Structural)
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DTCP Reg. No. CGA/REG/SE/19-1/2020/02004
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DTCP
Ph : 26745655, Cell : 9841296750
ARCHITECT / ENGINEER

ELEVATION (NORTH FACING)

FACTORY-1
57.99x82.89

GROUND FLOOR PLAN

REFERENCE		
DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	$\frac{16525.83}{36849.12} \times 100$	44.85%
FLOOR AREA RATIO	$\frac{16519.83}{36849.12}$	0.448
OSR AREA	3952.27 SQM (10.0%)	4000.15 SQM (10.15%)
DESCRIPTION	REQUIRED	PROPOSED
PARKING AREA	LORRYS : 34 nos TWO WHEELER : 332 nos CYCLE : 332 nos	35 nos 335 nos 345 nos

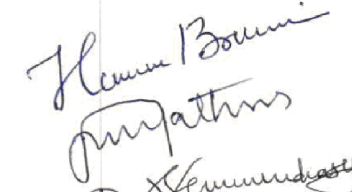
SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSE/VE WITH PRESSED
ELECTRIFICATION WORK CONCEALED WITH

[1:400]

SITE BOUNDARY

EXISTING ROAD

PROPOSED BUILDING



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Registered Structural Engineer Grade-I (SE)
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