

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

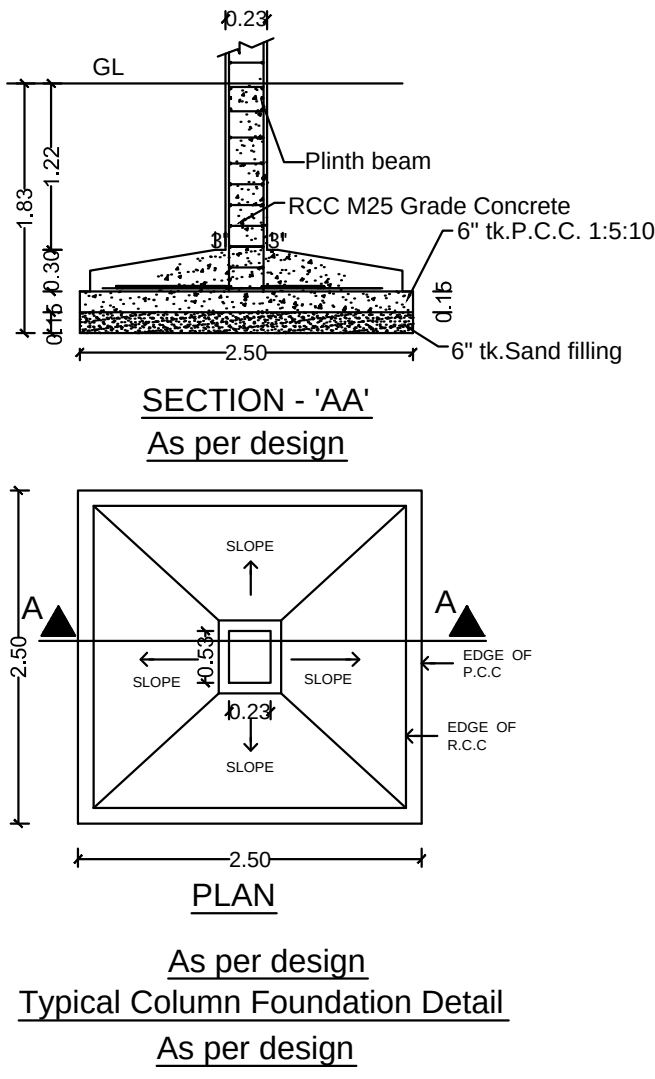
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D. Muralitharan

SIGNATURE OF THE APPLICANT

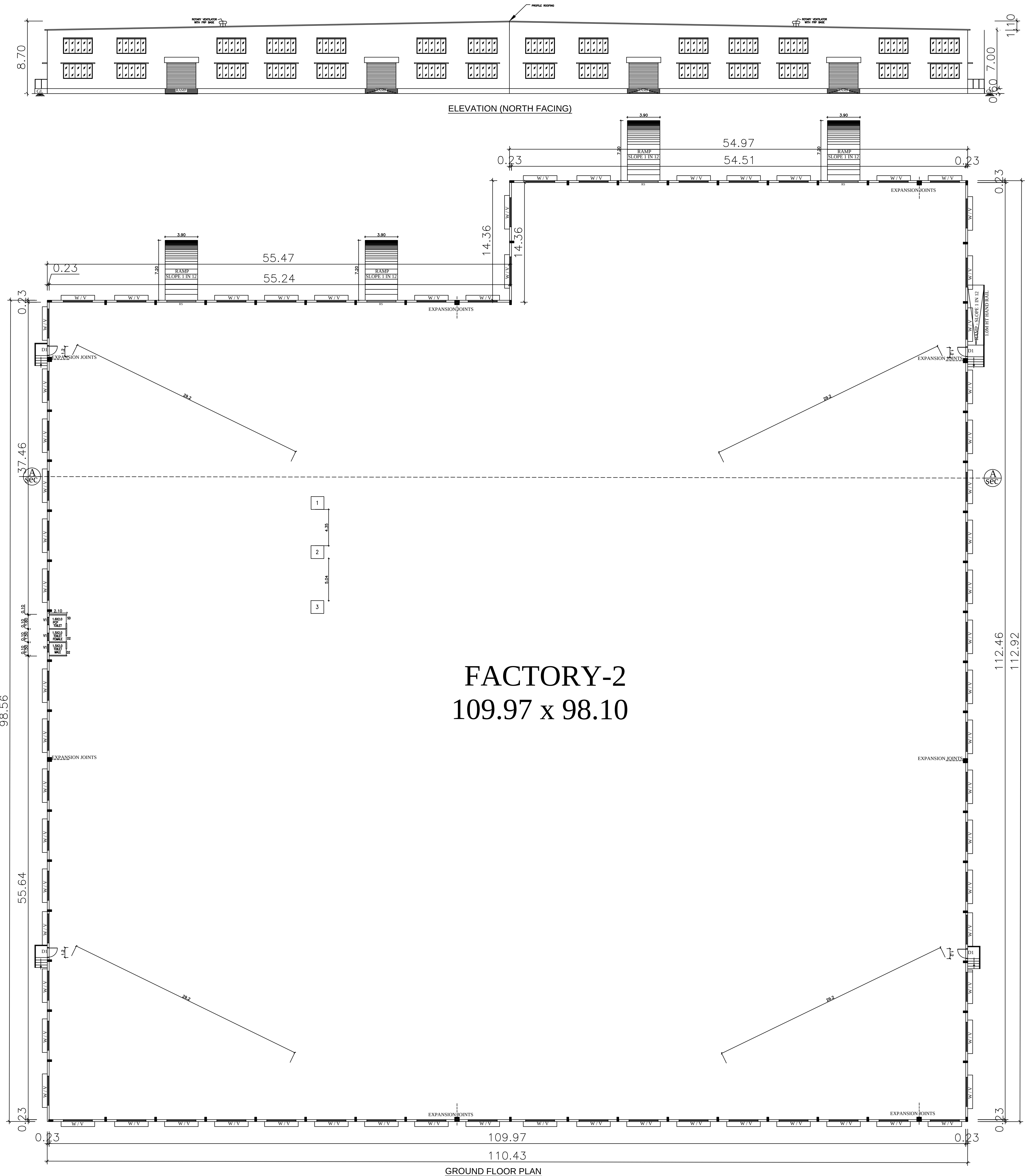
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DTCP Reg. No. CGL/EN/SE/GR-1/20/20/2004
District Panel Engineer Class - 1A
Structural Engineer Consultant
No. 7A25, Muthusamy Street,
Pozungallur, Chennai - 600053.
☎: 9489358800 ✉: rnmurali06@gmail.com

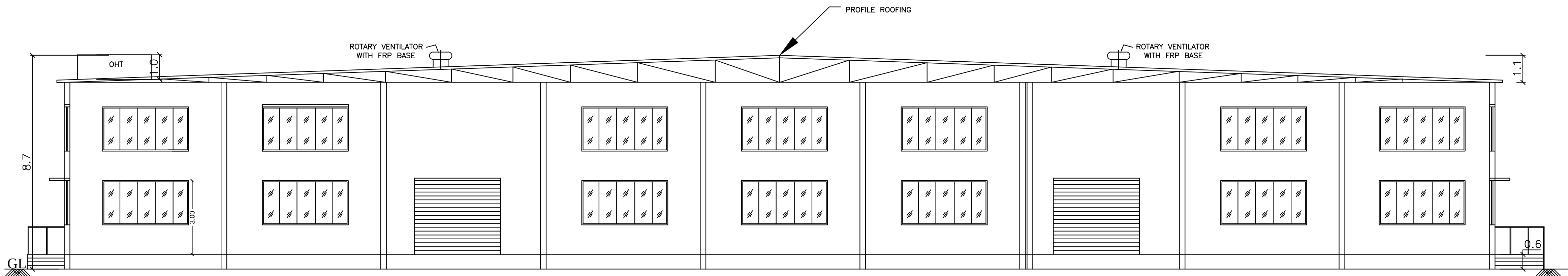
STRUCTURAL ENGINEER

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Consulting Civil & Structural Engineer,
Registered Structural
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DTCP
Ph : 26745655, Cell : 9841296750
ARCHITECT / ENGINEER

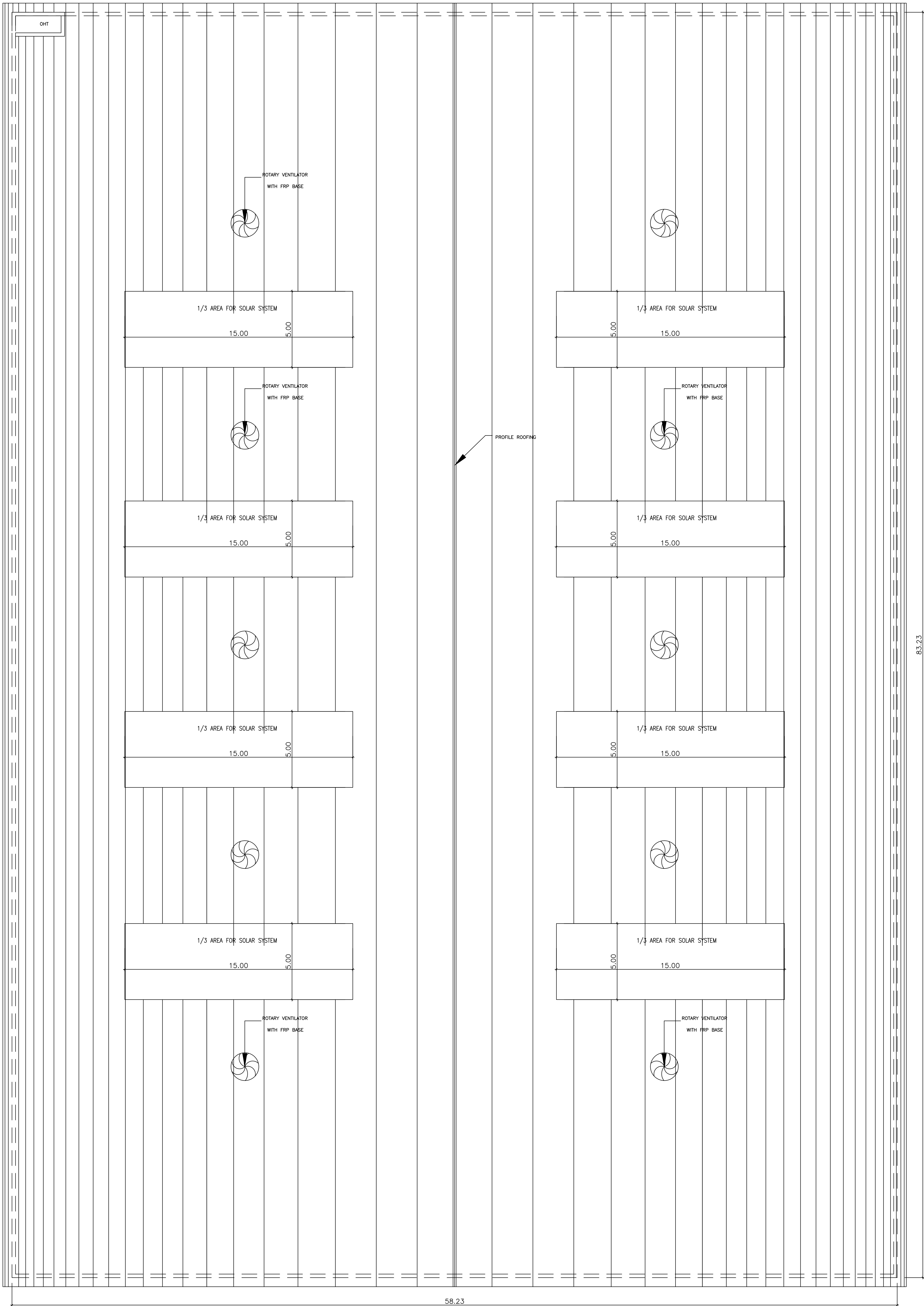


FACTORY HP DETAILS			
REF.	NAME OF MACHINERY	QTY	H.P.
1.	HEAVY DUTY CORRUGATING MC	1	7
2.	SHEET CUTTER GEAR MC	1	3
3.	SHEET PASTING MC	1	1
4.	4 BAR ROTARY CUTTING MC	1	1.5
5.	ECCENTRIC SLOTTING MC	1	7.5
6.	BOX STITCHING MC	1	8
7.	2 COLOUR FLAME PRINTER	1	8
8.	OTHERS (LIGHTS, OFFICE A/C)	1	9
TOTAL H.P.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





SECTION ON AA



SHEET NO : 3/5

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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
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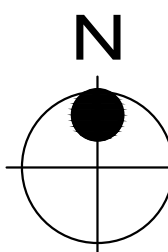
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EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=8'

[1:100]



COLOR INDEX

SITE BOUNDARY
EXISTING ROAD
PROPOSED BUILDING

[Signature]
D. K. MURUGAN

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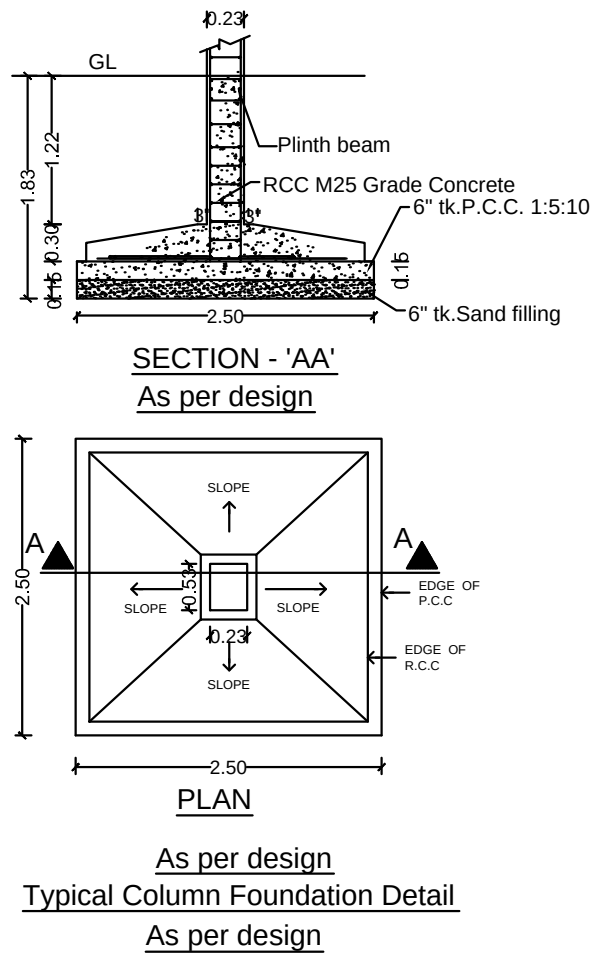
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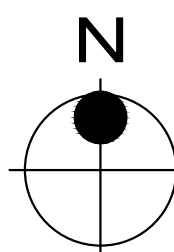
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ELEVATION (NORTH FACING)

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

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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

PROPOSED BUILDING




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