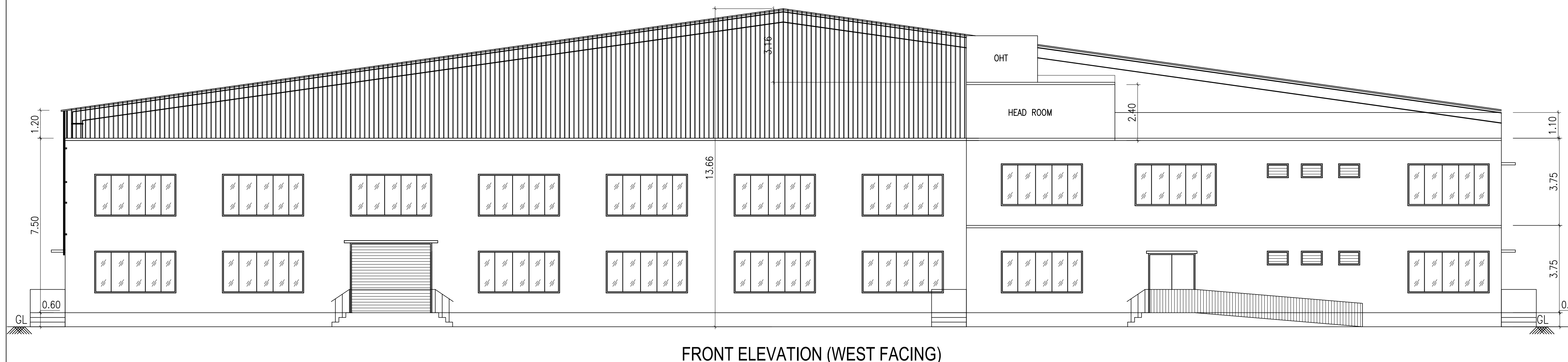
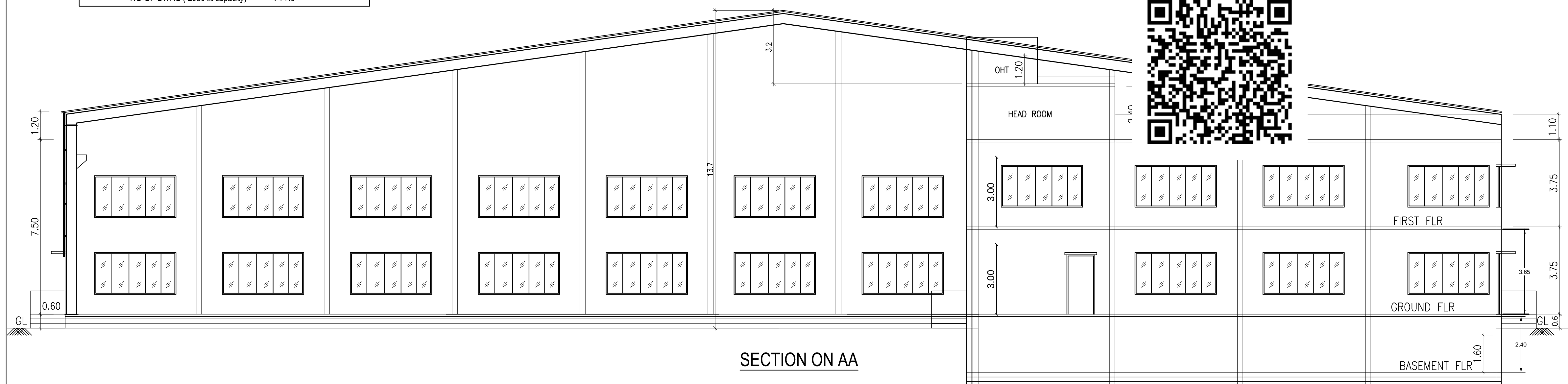
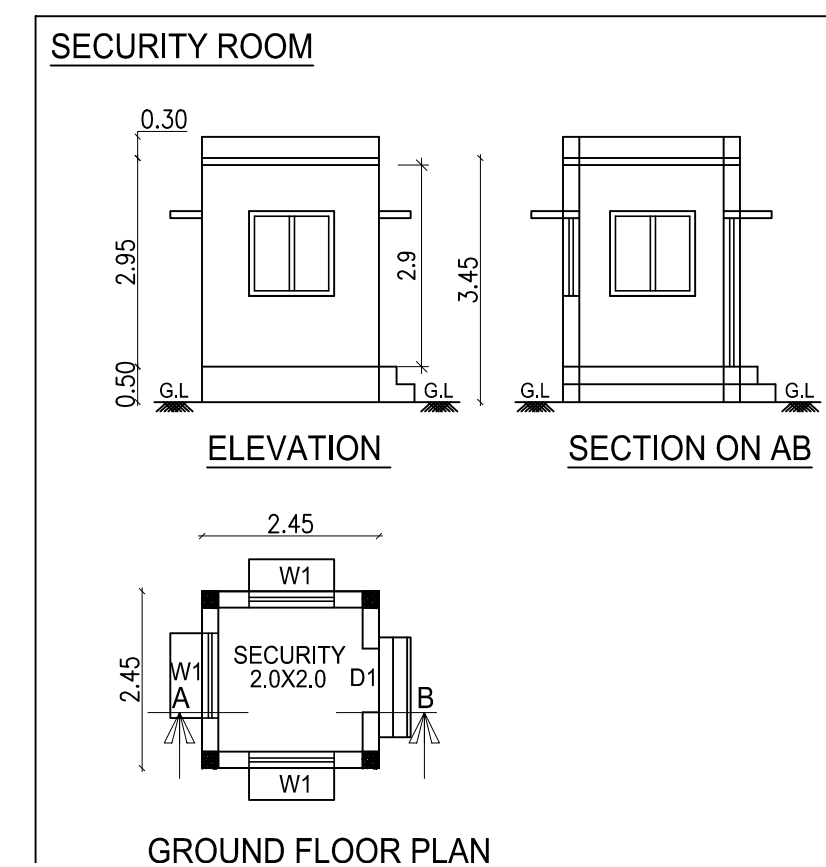
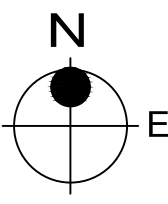
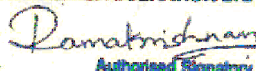
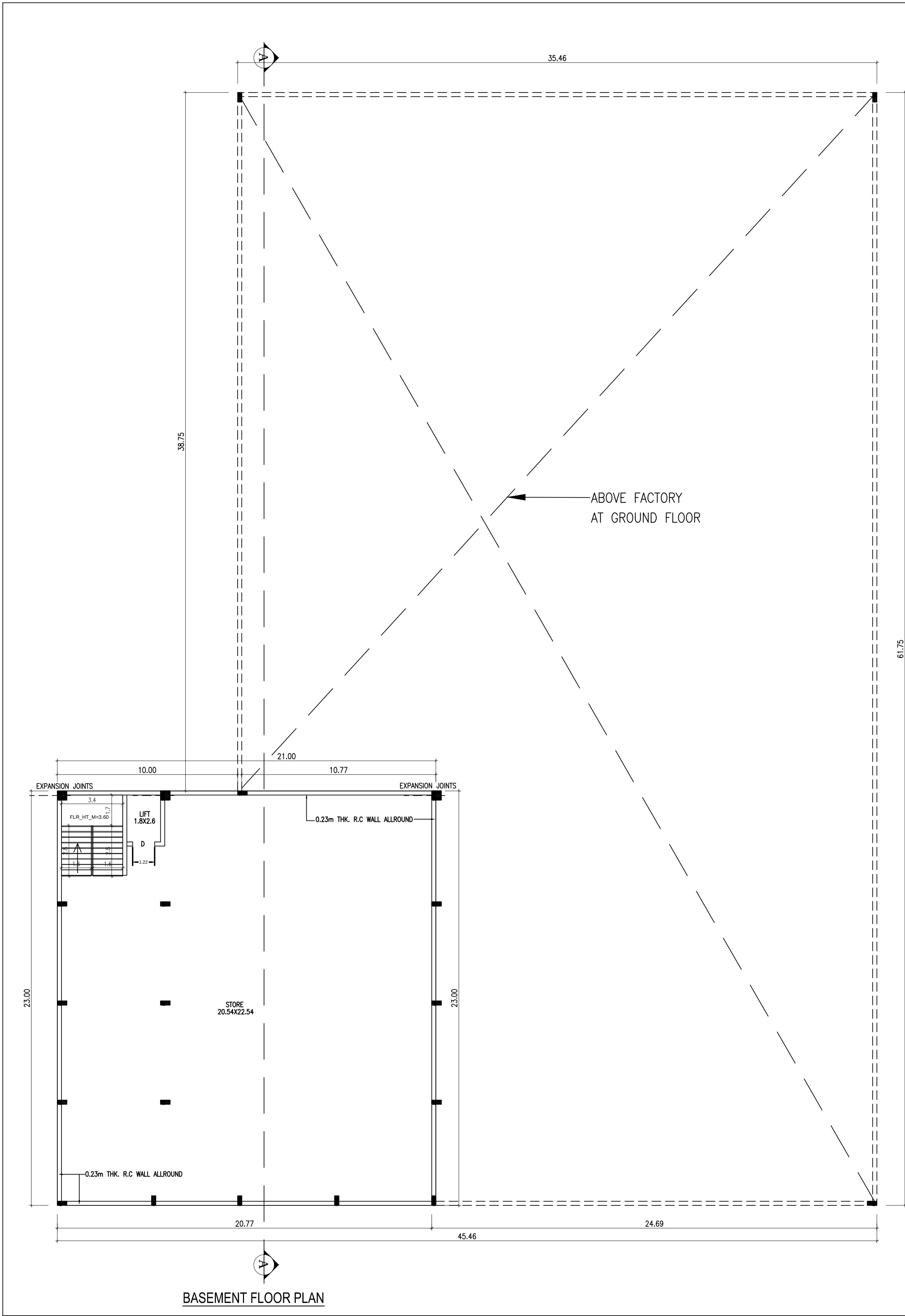


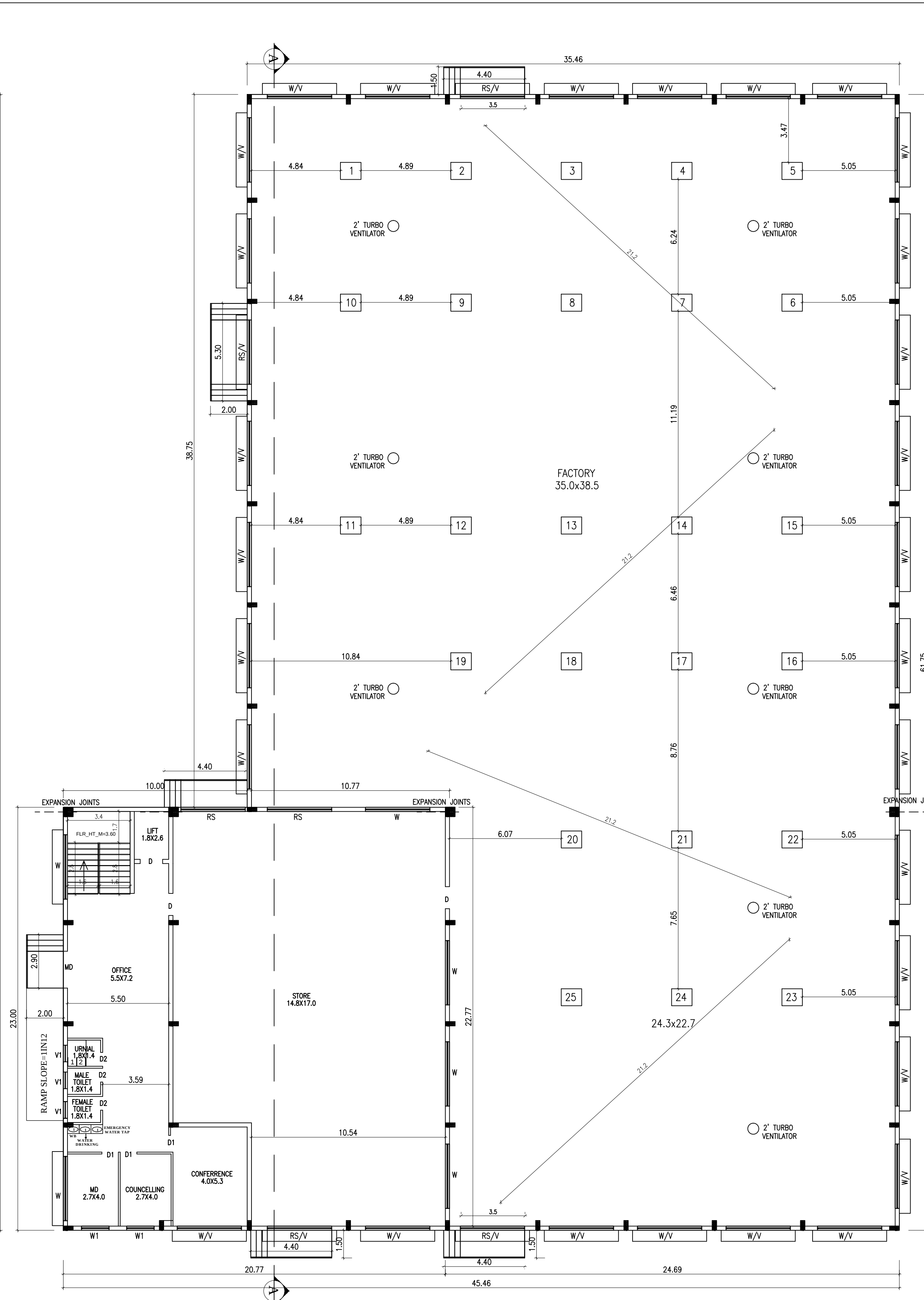
WORKER'S DETAILS		NO OF WORKERS - MALE : 10 Nos		
		NO OF WORKERS - FEMALE : 05 Nos		
SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1
<u>SOLAR HOT WATER SYSTEM DETAIL</u>				
NO OF WORKERS - MALE		: 10 Nos		
NO OF WORKERS - FEMALE		: 05 Nos		
TOTAL NO OF WORKERS (10+05 = 15)		: 15 Nos		
WATER CONSUMPTION @ 80 Lit /Person/day				
TOTAL CONSUMPTION (15 X 80)		: 1200 Lits		
NO OF SWHS (2000 lit capacity)		: 1 No		



SHEET NO : 4/4			
PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR M/s. ICE MAKE REFRIGERATION LIMITED - 288.01 HP IN S.NOS: 161/7D,11B,190/1 OF VAYALLOOR VILLAGE AND PANCHAYAT , KADAMBATHUR UNION, TIRUVALLUR TALUK AND DISTRICT.			
CATEGORY OF INDUSTRY : GREEN MANUFACTURING TYPE : ICE MAKING FACTORY			
SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	3.50 X 3.00	
MD	MAIN DOOR	2.00 X 2.13	
D	DOOR	1.20 X 2.13	
D1	DOOR	0.76 X 2.13	
W	WINDOW	3.50 X 1.82	
W1	WINDOW	1.20 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	
DESCRIPTION		F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY BUILDING			
BASEMENT FLOOR AREA		483.00	483.00
GROUND FLOOR AREA		2419.66	2419.66
FIRST FLOOR AREA		483.00	483.00
HEAD ROOM AREA (NON FSI)		---	38.07
TOTAL BUILTUP AREA		3385.66	3423.73
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/V E WITH PRESSED TILES ELECTRIFICATION WORK CONCEALED WIRING		WWT - WASTE WATER TANK OHT - OVER HEAD TANK RW/H - 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 []	
M. Mariappan P. MARIAPPAN, B.E., MIE., Consulting Civil & Structural Engineer, Registered Structural Engineer Grade-II-COL.RGN/SB/GR-II / 2019 / 07 / 011 OTCP Ph : 967456655, Cell : 9841296750 STRUCTURAL ENGINEER			
For ICE MAKE REFRIGERATION LTD  SIGNATURE OF THE APPLICANT			
Chinest Y Arathiyar Reg No: TVL/R/A/GK/1/286/05/001 10/1, 2nd Street, Kasthuribai Nagar, Avadi, Chennai-600 054. chinest.architect@gmail.com +91 79790 83060 / 63003 66666 ARCHITECT / ENGINEER			



BASEMENT FLOOR PLAN



GROUND FLOOR PLAN

SHEET NO : 2/4

PLAN SHOWING THE PROPOSED CONSTRUCTION OF
FACTORY BUILDING FOR
M/s. ICE MAKE REFRIGERATION LIMITED - 288.01 HP
IN S.NOS: 161/7D, 11B, 190/1 OF VAYALLOOR VILLAGE
AND PANCHAYAT, KADAMBATHUR UNION,
TIRUVALLUR TALUK AND DISTRICT.

CATEGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : ICE MAKING FACTORY

SCHEDULE OF JOINERY

DESCRIPTION	F.S.J AREA (SQM)	NON F.S.J AREA (SQM)	TOTAL (SQM)
FACTORY BUILDING	483.00	---	483.00
BASEMENT FLOOR AREA	2419.66	---	2419.66
FIRST FLOOR AREA	483.00	---	483.00
HEAD ROOM AREA (NON FSI)	---	38.07	38.07
TOTAL BUILDUP AREA	3385.66	38.07	3423.73

S.NO MACHINERY HP

1	Polycraft PU/I Injection Machine	46.13
2	PU/I Panel Press	46.10
3	Air Compressor	2.95
4	Hydraulic Cutting Machine (small)	2.68
5	Bench Polishing Machine	2.95
6	Hacko Folding Machine	15.76
7	Hacko Cutting Machine	16.09
8	Tig Welding Machine	6.71
9	Tig Welding Machine	20.12
10	Tig Welding Machine	20.12
11	Hand Polishing Spring	6.03
12	Drilling Machine - Stand Type	2.68
13	Sheet Rolling Machine	2.95
14	14" Wheel cutting machine	2.95
15	Air Drier Machine	0.34
16	Chain Block Crane	3.49
17	Ribbing Machine	1.01
18	Hacksaw Cutting Machine	1.01
19	14" Cutting Machine	4.02
20	Drilling Machine (0.5KW x 17 nos)	11.40
21	Angle Grinding Machine (0.67KW x 12 nos)	10.73
22	Stud Welding Machine	0.80
23	Vacuum Pump	1.01
24	Hand Buffing Machine	1.14
25	5" Angle Grinding Machine (1.4KW x 2 nos)	3.75
26	Arc Welding Machine	6.17
27	Others (Electricals)	46.94
TOTAL HP		288.01

WORKERS DETAILS

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

SANITATION REQUIREMENTS

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

SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+05 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit / Person/day : 1200 Lits
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 Lt 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 124 4.5"TK
BEAM LINTEL SUNSHADE : RCC 124
WEATHERING COURSE/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCEALLED WIRING

WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWHS - 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

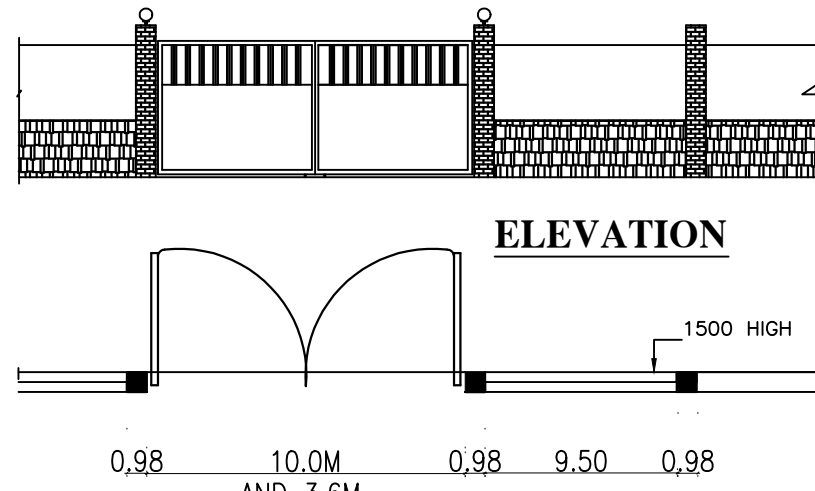
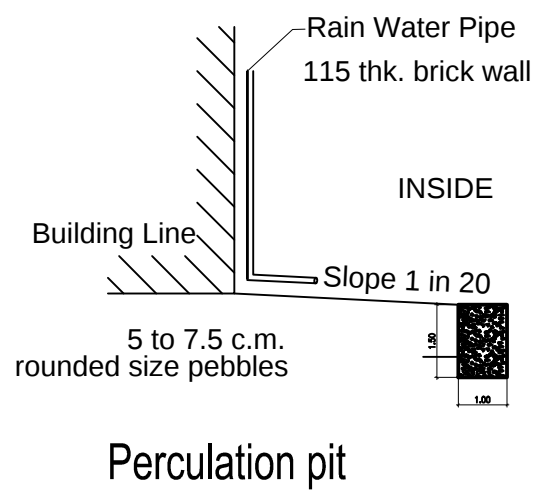
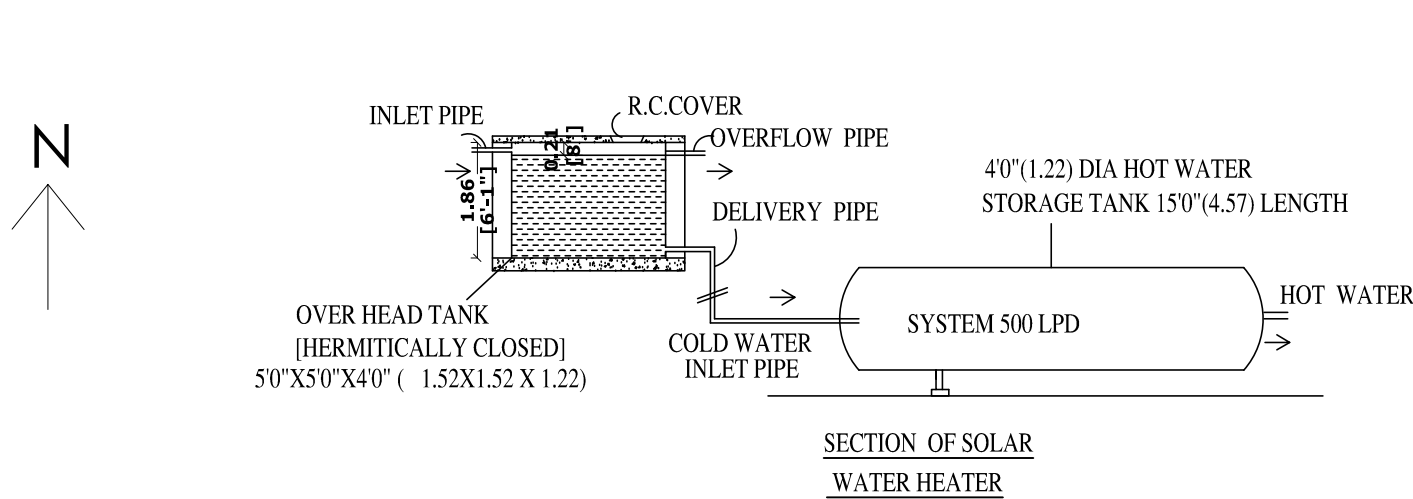
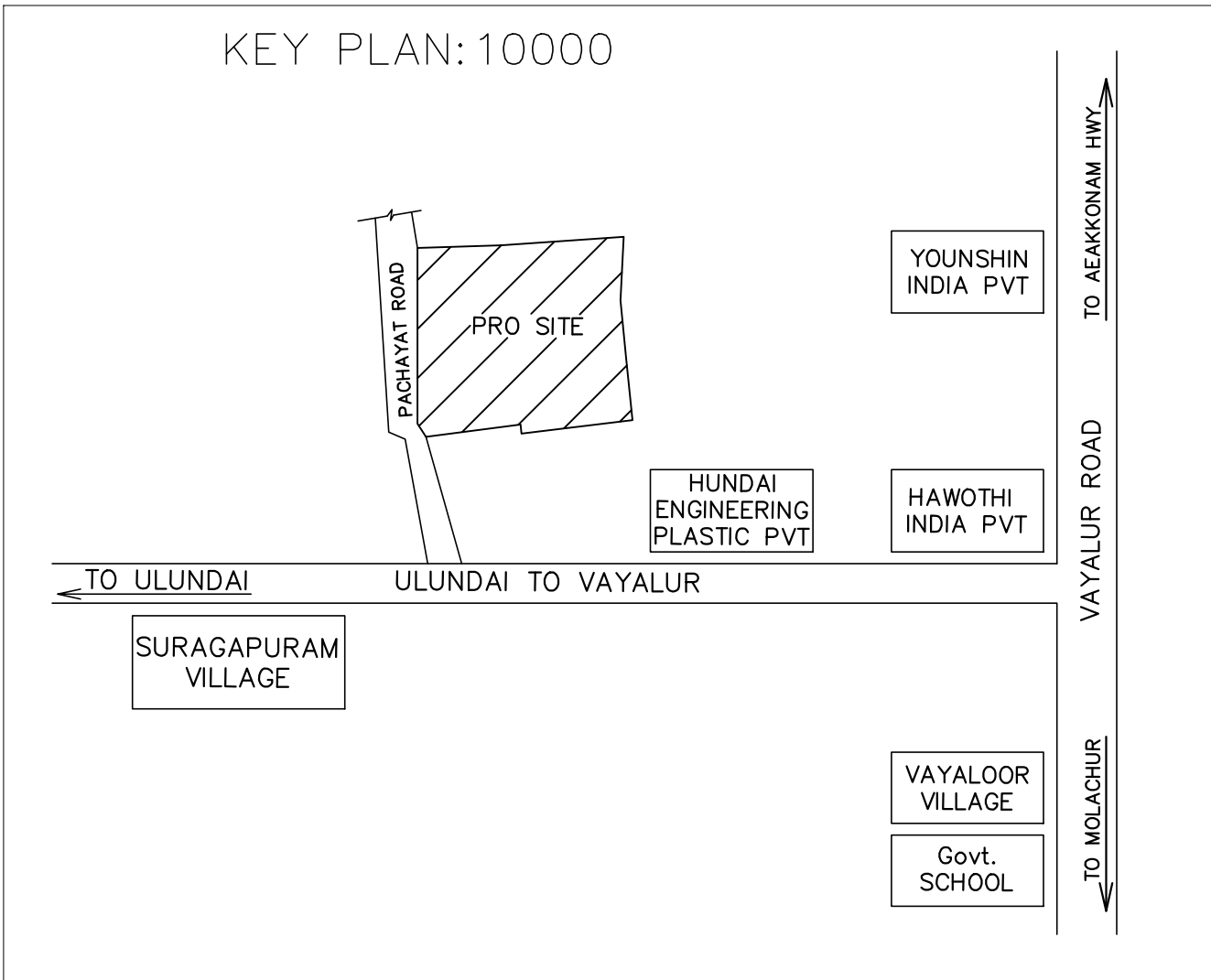
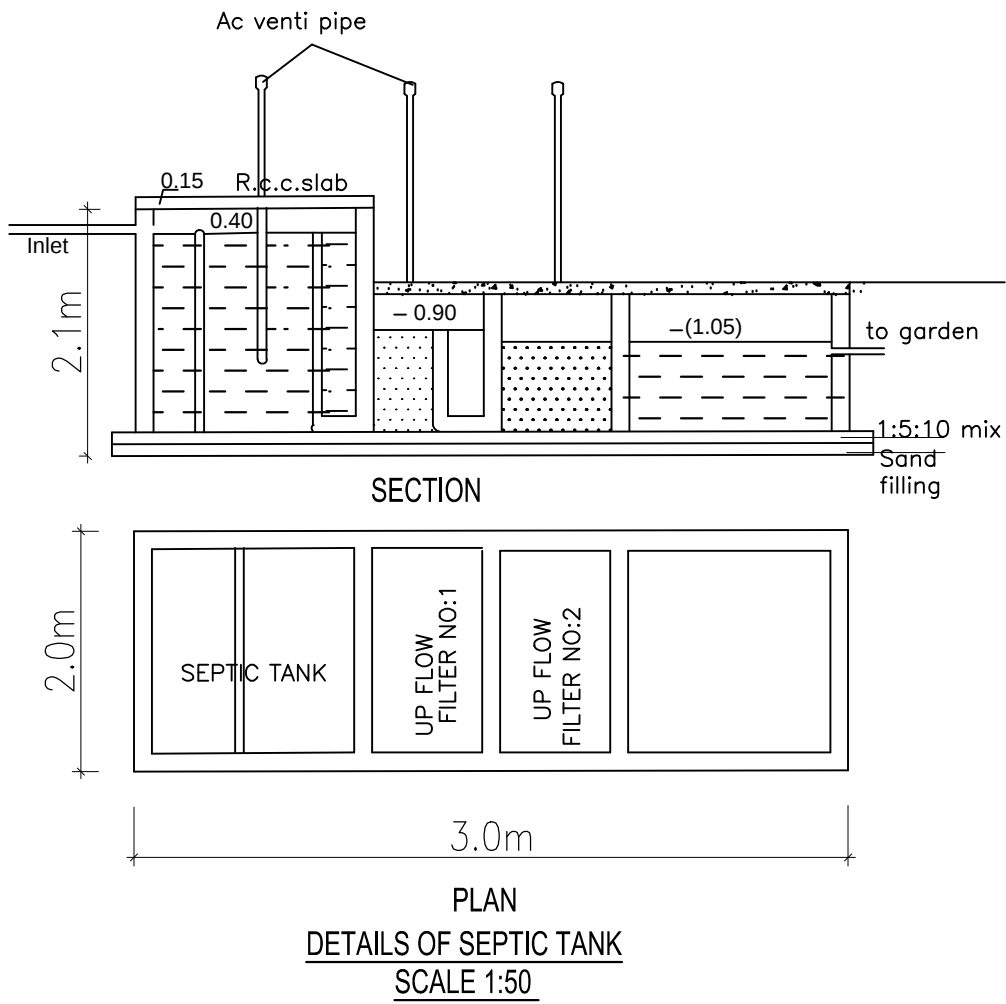
STRUCTURAL ENGINEER

Signature of the Applicant

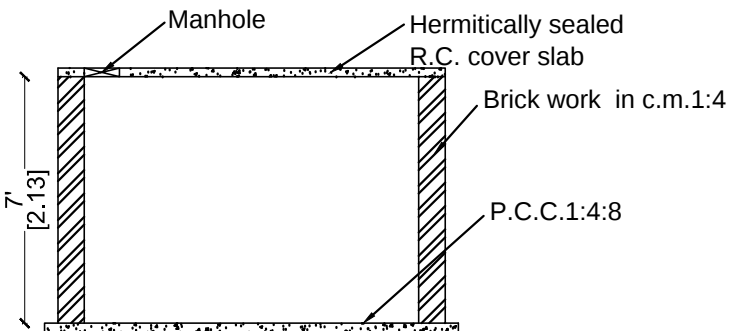
Signature of the Architect/Engineer

S.NO	MACHINERY	HP
1	Polycraft PUF Injection Machine	46.13
2	PUF Panel Press	48.10
3	Air Compressor	2.95
4	Hydraulic Cutting Machine (small)	2.68
5	Bench Polishing Machine	2.95
6	Hacko Folding Machine	15.76
7	Hacko Cutting Machine	16.09
8	Tig Welding Machine	6.71
8	Tig Welding Machine	20.12
10	Tig Welding Machine	20.12
11	Hand Polishing Spring	6.03
12	Drilling Machine - Stand Type	2.68
13	Sheet Rolling Machine	2.95
14	14" Wheel cutting machine	2.95
15	Air Drier Machine	0.34
16	Chain Block Crane	3.49
17	Ribbing Machine	1.01
18	Hacksaw Cutting Machine	1.01
19	14" Cutting Machine	4.02
20	Drilling Machine (0.5kW x 17 nos)	11.40
21	Angle Grinding Machine (0.67kW x 12 nos)	10.73
22	Stud Welding Machine	0.80
23	Vacuum Pump	1.01
24	Hand Buffing Machine	1.14
25	5" Angle Grinding Machine (1.4kW x 2 nos)	3.75
26	Arc Welding Machine	6.17
27	Others (Electricals)	46.94
TOTAL HP		288.01

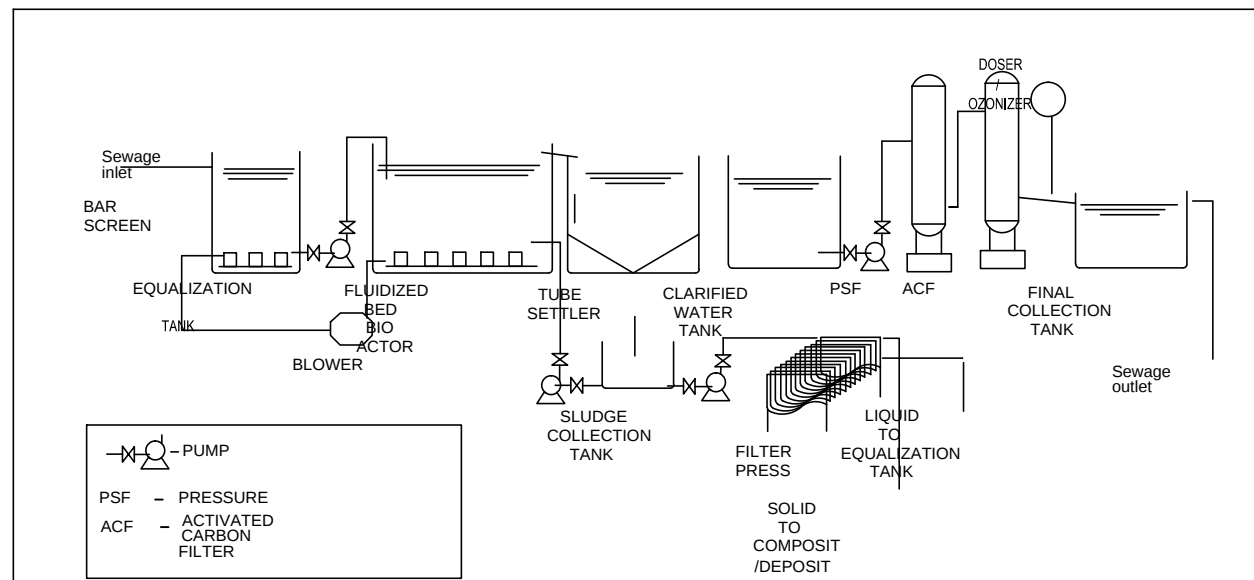
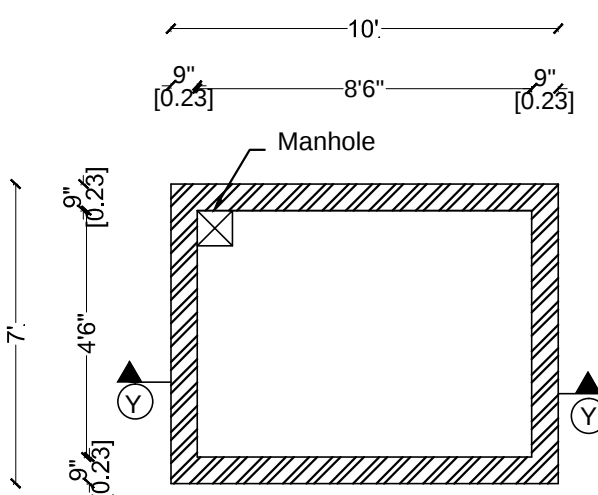
<u>WORKER'S DETAILS</u>				
		NO OF WORKERS - MALE : 10 Nos		
		NO OF WORKERS - FEMALE : 05 Nos		
<u>SANITATION REQUIREMENTS</u>				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	—	2	—
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1
<u>SOLAR HOT WATER SYSTEM DETAIL</u>				
		NO OF WORKERS - MALE : 10 Nos		
		NO OF WORKERS - FEMALE : 05 Nos		
TOTAL NO OF WORKERS (10+05 = 15)		: 15 Nos		
WATER CONSUMPTION @ 80 Lit /Person/day				
TOTAL CONSUMPTION (15 X 80)		: 1200 Lits		
NO OF SWHS (2000 lit capacity)		: 1 No		



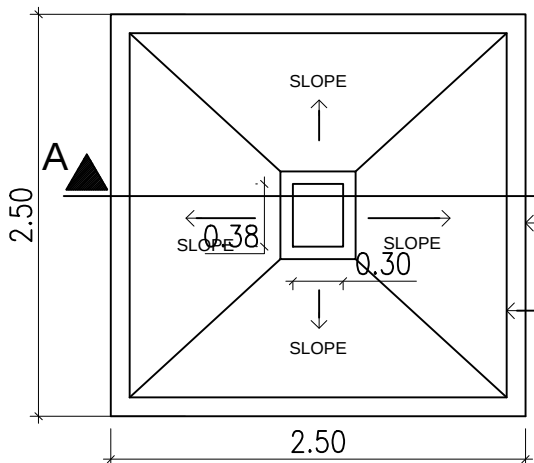
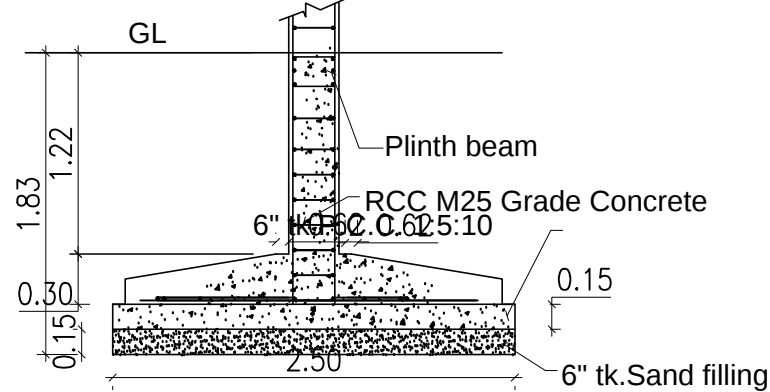
Plan Compound wall Detail



Section On 'Y-Y'



SEWERAGE TREATMENT PLANT(STP)



As per design
Typical Column Foundation Detail
As per design

SHEET NO : 1/4

PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR M/s. ICE MAKE REFRIGERATION LIMITED -288.01 HP IN S.Nos:161/7D,11B,190/1 OF VAYALLOOR VILLAGE AND PANCHAYAT, KADAMBATHUR UNION, THIRUVALLUR TALUK AND DISTRICT.

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : ICE MAKING FACTORY

AREA STATEMENT	F.S.I (SQM)	NON F.S.I (SQM)	TOTAL AREA (SQM)
TOTAL SITE AREA (AS PER FMB)	5669.53		
TOTAL SITE AREA (AS PER SITE)	5808.03		
TOTAL SITE AREA (AS PER PATTa)	5768.00		
TOTAL SITE AREA (SUPER IMPOSED AREA)	5550.52		
FACTORY BUILDING			
BASEMENT FLOOR AREA	483.00	----	483.00
GROUND FLOOR AREA	2419.66	----	2419.66
FIRST FLOOR AREA	483.00	----	483.00
HEAD ROOM AREA (NON FSI)	-----	38.07	38.07
SECURITY ROOM (NON FSI)	-----	6.00	6.00
TOTAL BUILTUP AREA	3385.66	44.07	3429.73

DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	2419.66 / 5550.52 X 100	43.59%
FLOOR AREA RATIO	3385.66 / 5550.52	0.601
OSR AREA	580.8 sqm (10.00%)	PAY TO DTCP

DESCRIPTION	REQUIRED	PROPOSED
PARKING AREA	LORRYS : 7 nos	7 nos
	CARS : 1 no	2 nos
	TWO WHEELERS : 54 nos	55 nos
	CYCLE : 54 nos	55 nos

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 CANCELLED 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"=32' [1:400]	COLOR INDEX
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural DTCP
Engineer Grade-II COL.FSN / 54/ BR-12 / 3319 / 07 / R1
Ph : 96745655, Cpf : 9841296790
STRUCTURAL ENGINEER

ICE MAKE REFRIGERATION LTD
P. MARIAPPAN
Authorized Signatory
SIGNATURE OF THE APPLICANT

Architect / Engineer
Ginesth P. Rajasekar
Reg No: TVLU/RA/ENR/156/05/001
10/1, 2nd Street, Kasthuribai Nagar,
Avadi, Chennai-600 054.
dhinesth.architect@gmail.com
+91 73730 83060 / 66003 66666