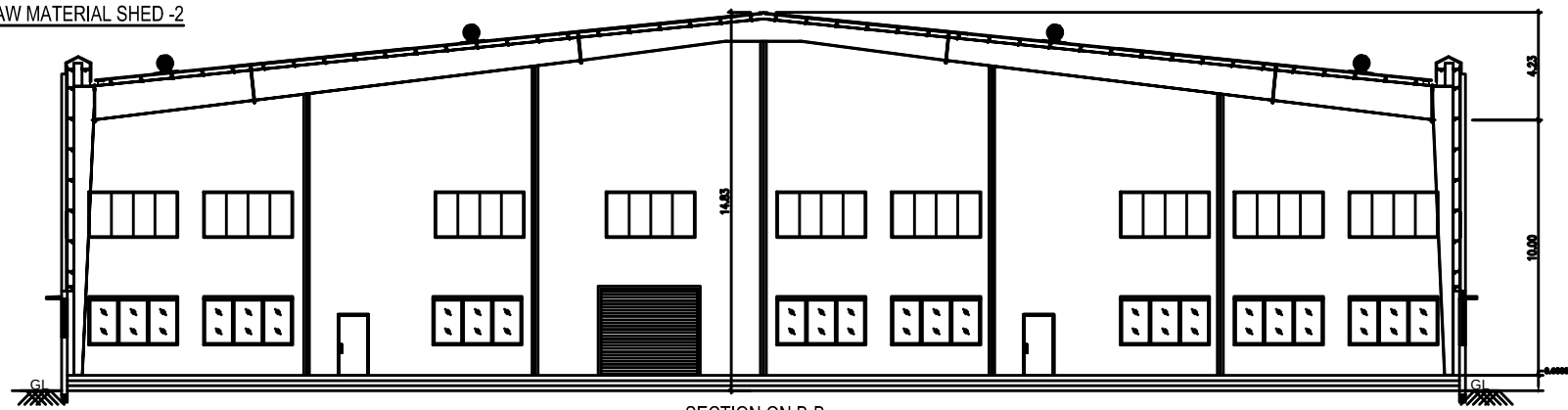
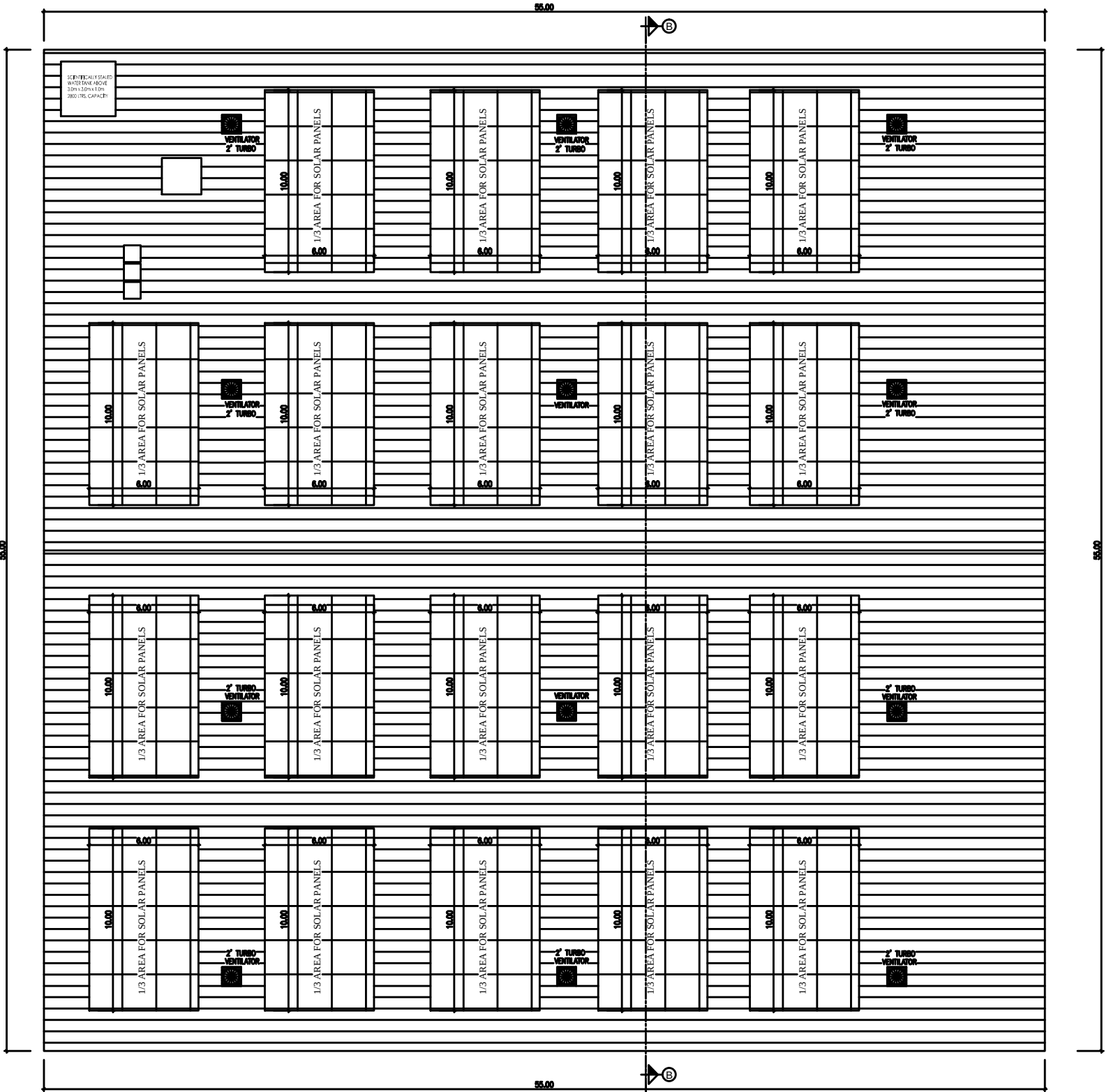


RAW MATERIAL SHED -2

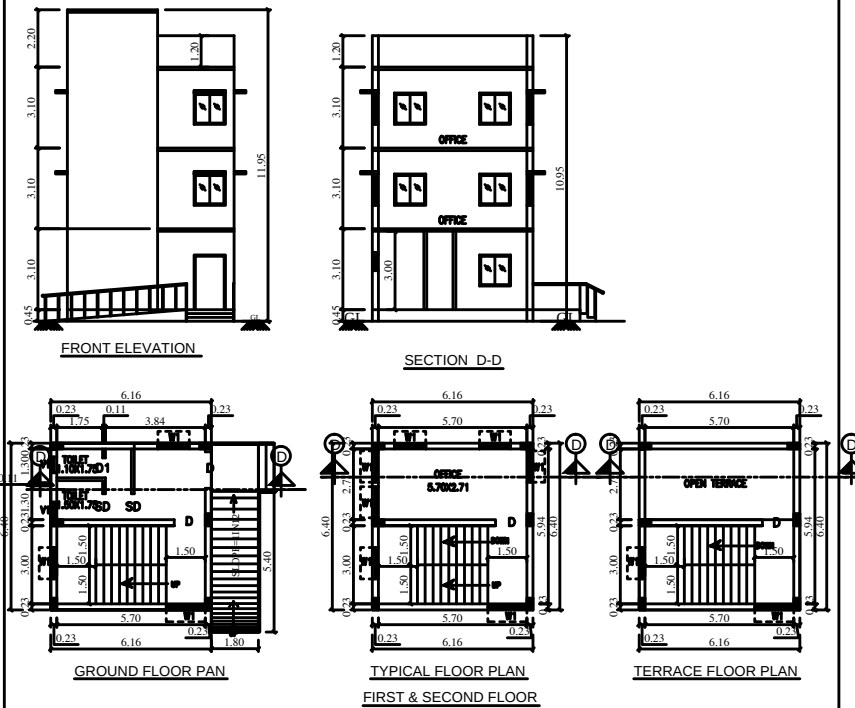


SECTION ON B-B



ROOF PLAN

ADMIN BLOCK -4



SHEET NO : 5/5

PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR M/s. ACTP GLASS PVT LTD - 750.50 HP IN S.NOS: 387/3Bpt , 396/2B, 3Bpt, 4B, 5B , 6 OF THIRUMENIKUPPAM VILLAGE, THIRUVALLUR TALUK, TIRUVALLUR DISTRICT.

CATEGORY OF INDUSTRY : ORANGE
MANUFACTURING TYPE : GLASS PRODUCTS

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	3.50 X 3.50	
D	DOOR	1.20 X 2.13	
D1	DOOR	0.76 X 2.13	
SD	DOOR	1.00 X 2.13	
W	WINDOW	3.50 X 1.82	
W1	WINDOW	1.20 X 1.82	
W2	WINDOW	5.00 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	
V2	VENTILATOR	5.00 X 1.82	
V3	VENTILATOR	0.60 X 0.60	

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
MACHINERY PLANT & FG STORAGE			
GROUND FLOOR AREA	2233.00	—	2233.00
RAW MATERIAL SHED			
GROUND FLOOR AREA	3025.00	—	3025.00
UTILITY BLOCK			
GROUND FLOOR AREA	222.04	—	222.04
ADMIN BLOCK			
GROUND FLOOR AREA	39.42	—	39.42
FIRST FLOOR AREA	39.42	—	39.42
SECOND FLOOR AREA	39.42	—	39.42
HEAD ROOM (NON FS)	—	21.31	21.31
TOTAL BUILTUP AREA	5598.30	21.31	5619.61

WORKER'S DETAILS
NO OF WORKERS - MALE : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	—	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 : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos
TOTAL NO OF WORKERS (20+10 = 30) : 30 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (30 X 80) : 2400 Lits
NO OF SWHS (2000 lit capacity) : 2 Nos

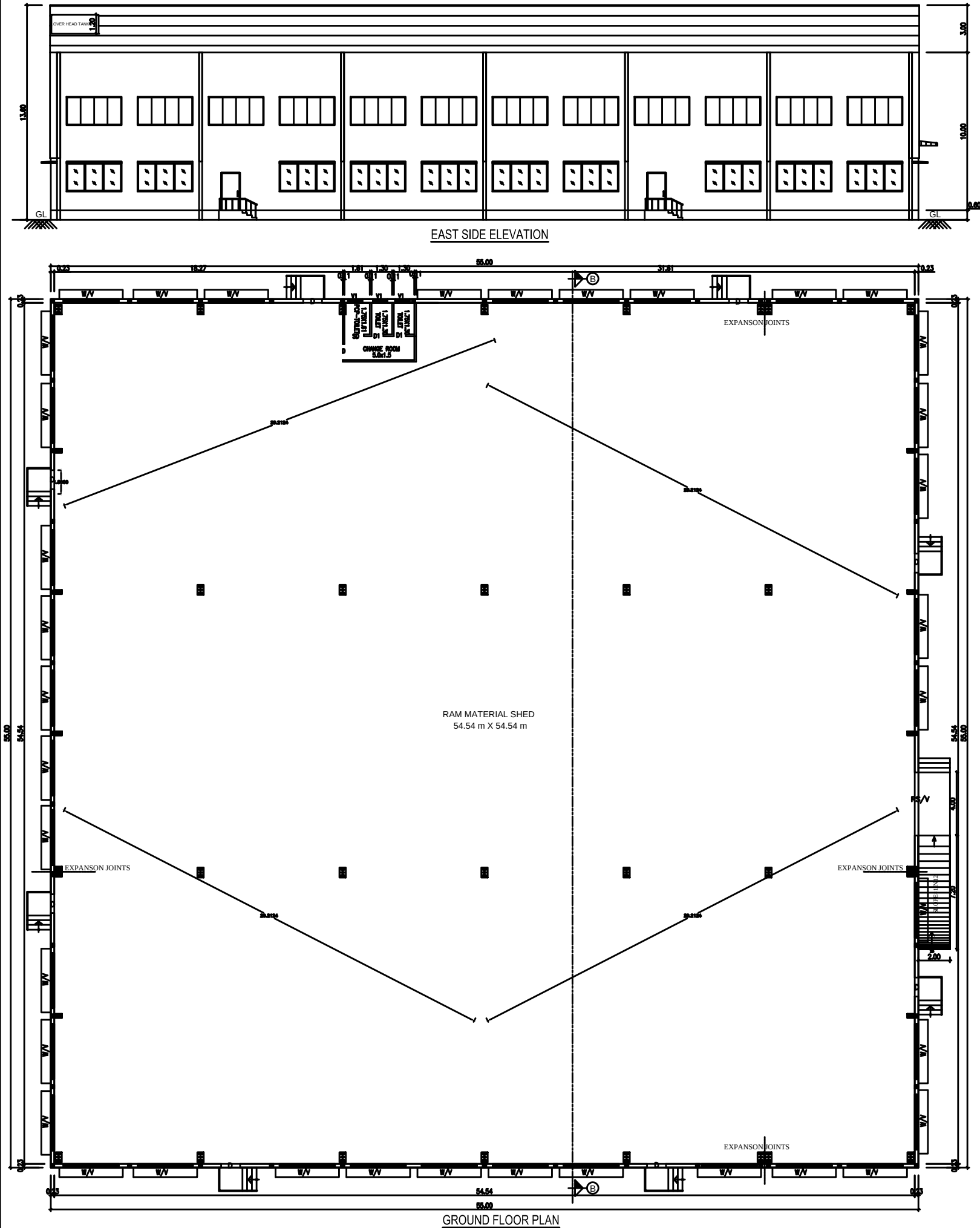
TURBO VENTILATOR SIZE : 2' DIA. TURBO VENTILATOR WORKED BY ELECTRICAL	
SUPER STRUCTURE : 9"TK.B/W IN C/M 1:5	WWT - WASTE WATER TANK
FOUNDATION : RCC COLUMN FOUNDATION	OWT - OVER HEAD TANK
SLAB : RCC 1:2:4 4.5"TK	RWH - RAIN WATER HARVESTING
BEAM UNTEL SUNSHADE : RCC 12:4	RWH - RAIN WATER HARVESTING
WEATHERING COURSE WITH PRESSED TILES	HEATING SYSTEM
ELECTRIFICATION WORK CONCEALED WIRING	FE - FIRE EXTINGUISHER
	EA - EMERGENCY ALARM
	SB - SAND BUCKET

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

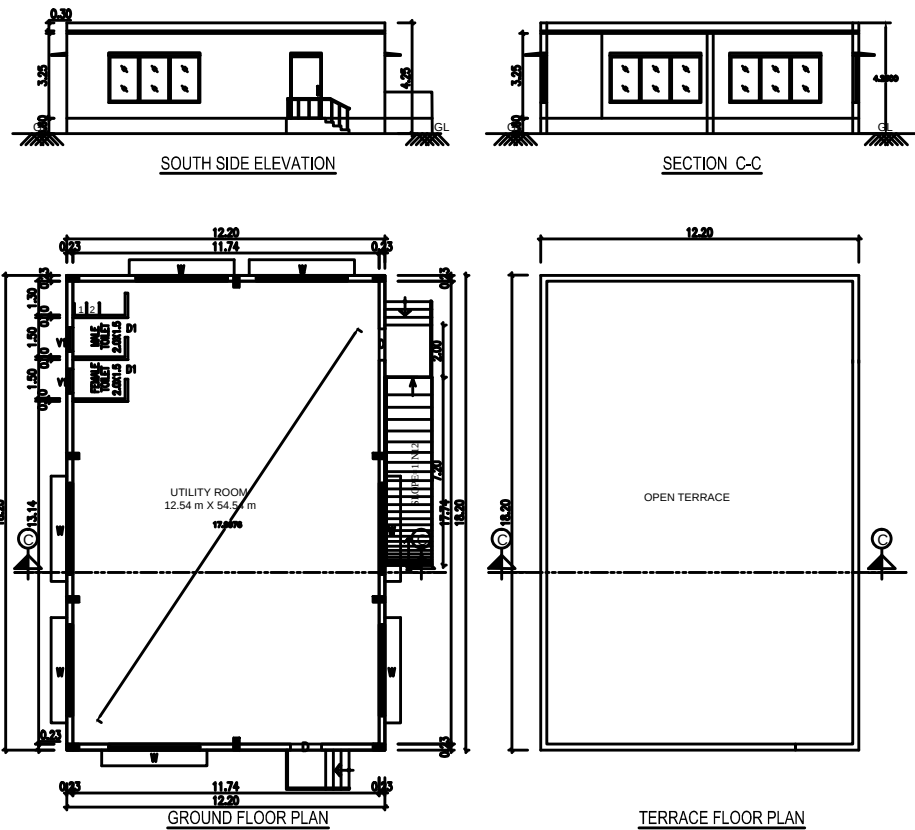
STRUCTURAL ENGINEER

SIGNATURE OF THE APPLICANT

For ACTP GLASS PVT. LTD.
P. MARIAPPAN, B.E., M.B.A.,
Managing Director & Proprietor
Architect / Engineer
640 / 100 / 2019 / 1
ARCHITECT / ENGINEER



UTILITY BLOCK -3



PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR
M/s. ACTP GLASS PVT LTD - 750.50 HP
IN S.NOS: 387/3Bpt , 396/2B, 3Bpt, 4B, 5B , 6 OF
THIRUMENIKUPPAM VILLAGE,
THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : ORANGE
MANUFACTURING TYPE : GLASS PRODUCTS

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	3.50 X 3.50	
D	DOOR	1.20 X 2.13	
D1	DOOR	0.76 X 2.13	
SD	DOOR	1.00 X 2.13	
W	WINDOW	3.50 X 1.82	
W1	WINDOW	1.20 X 1.82	
W2	WINDOW	5.00 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	
V2	VENTILATOR	5.00 X 1.82	
V3	VENTILATOR	0.60 X 0.60	

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
MACHINERY PLANT & FG STORAGE			
GROUND FLOOR AREA	2233.00	—	2233.00
RAW MATERIAL SHED			
GROUND FLOOR AREA	3025.00	—	3025.00
UTILITY BLOCK			
GROUND FLOOR AREA	222.04	—	222.04
ADMIN BLOCK			
GROUND FLOOR AREA	39.42	—	39.42
FIRST FLOOR AREA	39.42	—	39.42
SECOND FLOOR AREA	39.42	—	39.42
HEAD ROOM (NON FS)	—	21.31	21.31
TOTAL BUILTUP AREA	5598.30	21.31	5619.61

WORKER'S DETAILS
NO OF WORKERS - MALE : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	—	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 : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos
TOTAL NO OF WORKERS (20+10 = 30) : 30 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (30 X 80) : 2400 Lits
NO OF SWHS (2000 lit capacity) : 2 Nos

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

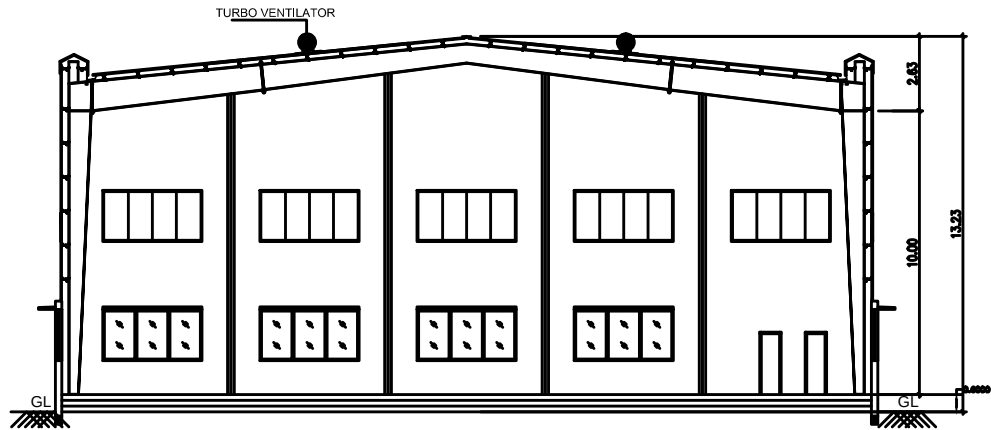
SPECIFICATION	
SUPER STRUCTURE : 9"TK B.W IN C.M 1:5	WWT - WASTE WATER TANK
FOUNDATION : RCC COLUMN FOUNDATION	OHT - OVER HEAD TANK
SLAB : RCC 1:2:4 4.5TK	RWH - RAIN WATER HARVESTING
BEAM LINTEL SUNSHADE : RCC 12:4	SWHS - SOLAR WATER HEATING SYSTEM
WEATHERING COURSE WITH PRESSED TILES	FE - FIRE EXTINGUISHER
ELECTRIFICATION WORK CONCEALED WIRING	EA - EMERGENCY ALARM
	SB - SAND BUCKET

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

P. MARLAPPAN, B.E., M.B.A.,
Certified Structural Engineer
Registration No. 104/2019
Date: 10/01/2020
Place: Thiruvallur
STRUCTURAL ENGINEER

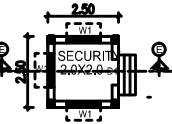
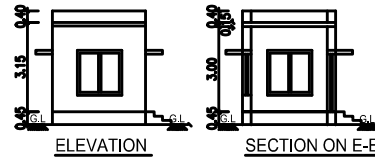
For ACTP GLASS PVT. LTD.
Signature of the Applicant

P. MARLAPPAN, B.E., M.B.A.,
Certified Structural Engineer
Registration No. 104/2019
Date: 10/01/2020
Place: Thiruvallur
ARCHITECT / ENGINEER



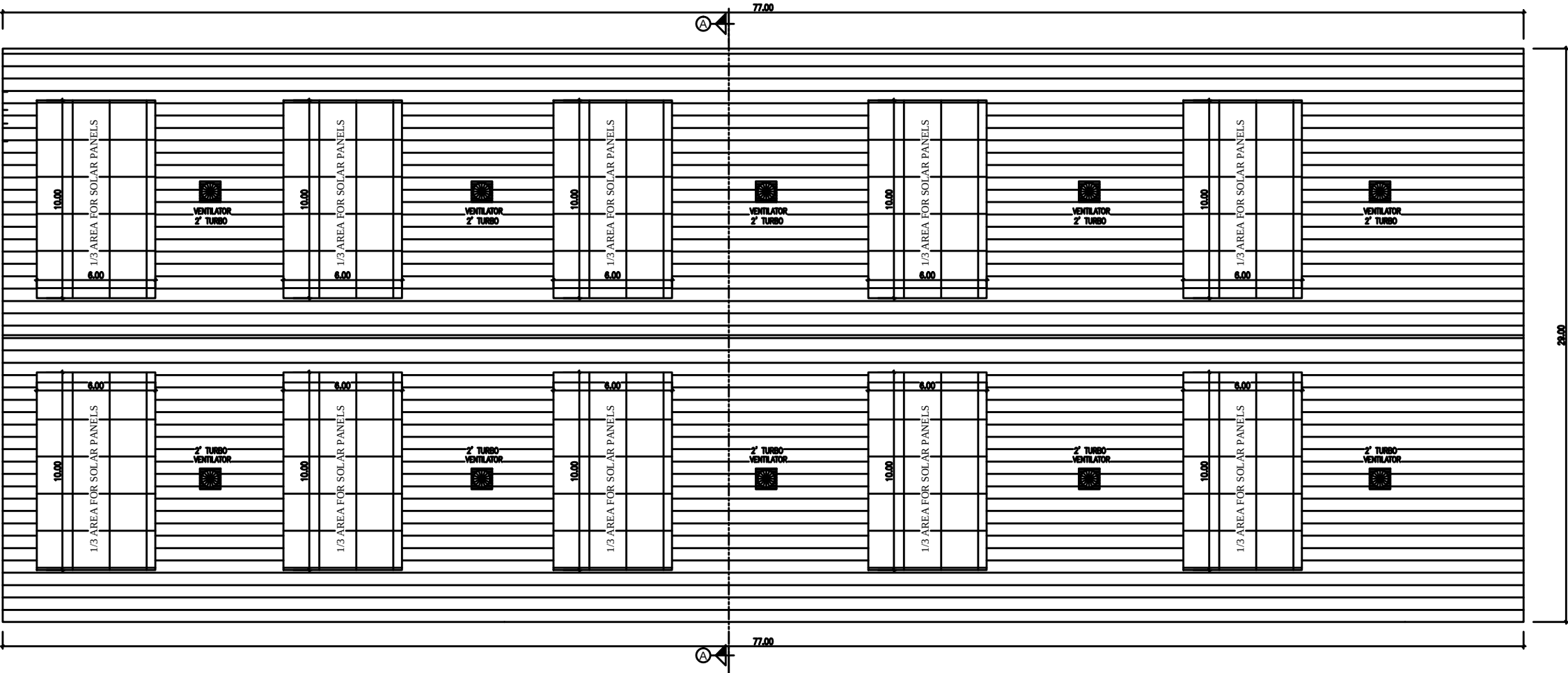
SECTION A-A

SECURITY-5



GROUND FLOOR PLAN
SECURITY ROOM

S.NO	DESCRIPTION	Load HP
1	PI & Machineries - Integrator	268.10
2	Compressor & Drier	167.60
3	Sorter & Feeder	26.80
4	Lighting	33.50
5	HVAC	46.90
6	Domestic Pumps	13.40
7	STP/ETP	10.10
8	Admin. Building	26.80
9	Miscellaneous Power	33.50
10	Delaminator	40.20
11	Fire Pump	73.70
12	Jockey Pump	10.10
Total connected Load in Hp		750.70



ROOF PLAN

SHEET NO : 3/5

PLAN SHOWING THE PROPOSED CONSTRUCTION
OF FACTORY BUILDING FOR
M/s. ACTP GLASS PVT LTD - 750.50 HP
IN S.NOS: 387/3Bpt , 396/2B, 3Bpt, 4B, 5B , 6 OF
THIRUMENIKUPPAM VILLAGE,
THIRUVALLUR TALUK, TIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : ORANGE
MANUFACTURING TYPE : GLASS PRODUCTS

SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	3.50 X 3.50
D	DOOR	1.20 X 2.13
D1	DOOR	0.76 X 2.13
SD	DOOR	1.00 X 2.13
W	WINDOW	3.50 X 1.82
W1	WINDOW	1.20 X 1.82
W2	WINDOW	5.00 X 1.82
V	VENTILATOR	3.50 X 1.82
V1	VENTILATOR	0.91 X 0.60
V2	VENTILATOR	5.00 X 1.82
V3	VENTILATOR	0.60 X 0.60

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
MACHINERY PLANT & FG STORAGE			
GROUND FLOOR AREA	2233.00	---	2233.00
RAW MATERIAL SHED			
GROUND FLOOR AREA	3025.00	---	3025.00
UTILITY BLOCK			
GROUND FLOOR AREA	222.04	---	222.04
ADMIN BLOCK			
GROUND FLOOR AREA	39.42	---	39.42
FIRST FLOOR AREA	39.42	---	39.42
SECOND FLOOR AREA	39.42	---	39.42
HEAD ROOM (NON FS)	---	21.31	21.31
TOTAL BUILTUP AREA	5598.30	21.31	5619.61

WORKERS DETAILS

NO OF WORKERS - MALE : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos

SANITATION REQUIREMENTS

DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	---	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 : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos
TOTAL NO OF WORKERS (20+10 = 30) : 30 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (30 X 80) : 2400 Lits
NO OF SWHS (2000 lt capacity) : 2 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 4.5TK
BEAM UNTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSE WITH PRESSED TILES
ELECTRIFICATION WORK CONCEALED 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

P. MARIAPPAN, B.E., M.E.,
Consulting Civil & Structural Engineer,
Registered Professional
Grade I PWS / RS / MS / 2019 / 07 / 013
4525

STRUCTURAL ENGINEER

For ACTP GLASS PVT. LTD.

SIGNATURE OF THE APPLICANT

P. MARIAPPAN, B.E., M.E.,
Consulting Civil & Structural Engineer,
Registered Professional
Grade I PWS / RS / MS / 2019 / 07 / 013
4525
ARCHITECT / ENGINEER

S.NO	DESCRIPTION	Load HP
1	Pl & Machineries - Integrator	268.10
2	Compressor & Drier	167.60
3	Sorter & Feeder	26.80
4	Lighting	33.50
5	HVAC	46.90
6	Domestic Pumps	13.40
7	STP/ETP	10.10
8	Admin. Building	26.80
9	Miscellaneous Power	33.50
10	Delaminator	40.20
11	Fire Pump	73.70
12	Jockey Pump	10.10
Total connected Load in Hp		750.70

SHEET NO : 2/5

PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR
M/s. ACTP GLASS PVT LTD - 750.50 HP
IN S.NOS: 387/3Bpt , 396/2B, 3Bpt, 4B, 5B , 6 OF
THIRUMENIKUPPAM VILLAGE,
THIRUVALLUR TALUK, TIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : ORANGE
MANUFACTURING TYPE : GLASS PRODUCTS

SCHEDULE OF JOINERY		
RS	ROLLING SHUTTER	3.50 X 3.50
D	DOOR	1.20 X 2.13
D1	DOOR	0.76 X 2.13
SD	DOOR	1.00 X 2.13
W	WINDOW	3.50 X 1.82
W1	WINDOW	1.20 X 1.82
W2	WINDOW	5.00 X 1.82
V	VENTILATOR	3.50 X 1.82
V1	VENTILATOR	0.91 X 0.60
V2	VENTILATOR	5.00 X 1.82
V3	VENTILATOR	0.60 X 0.60

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
MACHINERY PLANT & FG STORAGE			
GROUND FLOOR AREA	2233.00	---	2233.00
RAW MATERIAL SHED			
GROUND FLOOR AREA	3025.00	---	3025.00
UTILITY BLOCK			
GROUND FLOOR AREA	222.04	---	222.04
ADMIN BLOCK			
GROUND FLOOR AREA	39.42	---	39.42
FIRST FLOOR AREA	39.42	---	39.42
SECOND FLOOR AREA	39.42	---	39.42
HEAD ROOM (NON FS)	---	21.31	21.31
TOTAL BUILTUP AREA	5598.30	21.31	5619.61

WORKER'S DETAILS

NO OF WORKERS - MALE : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos

SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	---	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 : 20 Nos
NO OF WORKERS - FEMALE : 10 Nos
TOTAL NO OF WORKERS (20+10 = 30) : 30 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (30 X 80) : 2400 Lits
NO OF SWHS (2000 lit capacity) : 2 Nos

TURBO VENTILATOR SIZE : 2' DIA. TURBO VENTILATOR WORKED BY ELECTRICAL	
SPECIFICATION: SUPER STRUCTURE : 9"TK B.I.V IN C.M 1:5 FOUNDATION : RCC COLUMN FOUNDATION SLAB : RCC 12:4 & 5"TK BEAM LINTEL, SUNSHADE : RCC 12:4 WEATHERING COURSE/VE WITH PRESSED TILES ELECTRIFICATION WORK CONCELEL 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

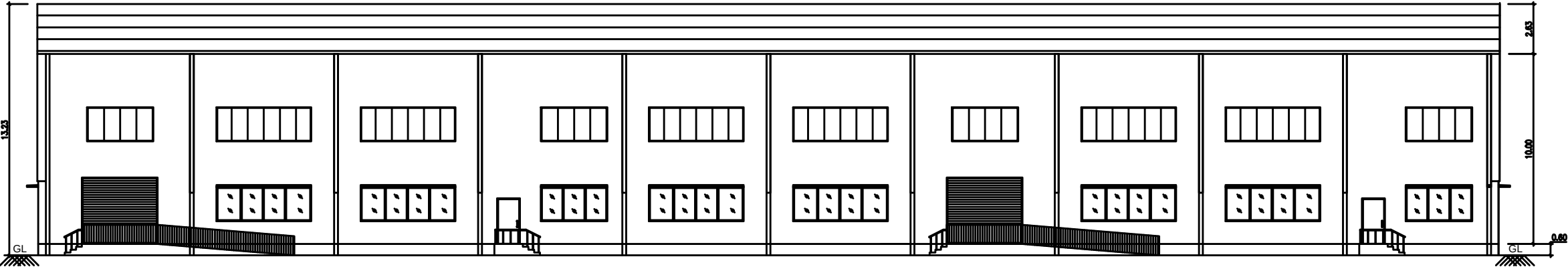
SCALE : 1"=8' [1:100]	COLOR INDEX
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

P. MARIAPPAN, B.E., M.S.E.,
Consulting Civil & Structural Engineer,
Registered Engineer,
Trade & P.W.C. / R.E. / S.E. / 2013 / 87 / 013
HISID

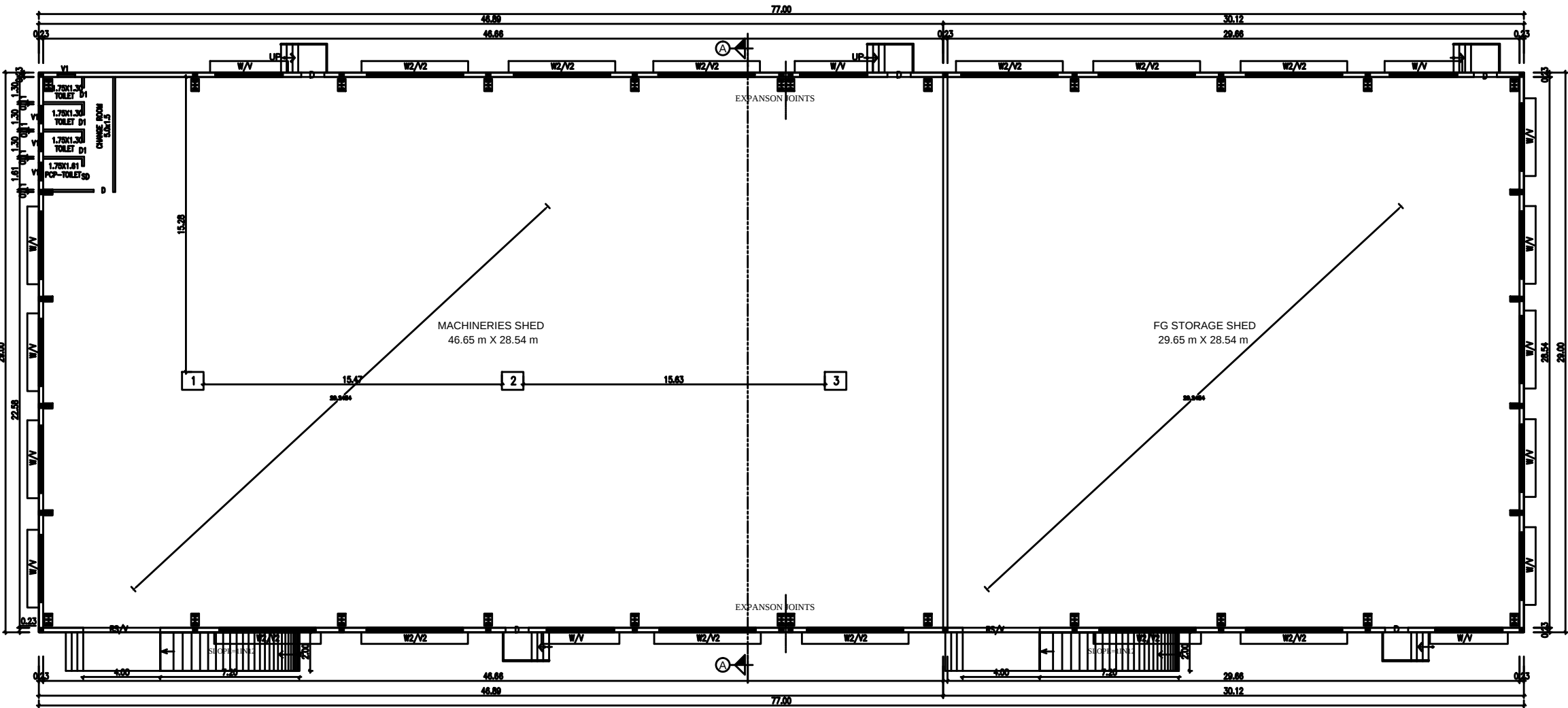
For ACTP GLASS PVT. LTD.

SIGNATURE OF THE APPLICANT

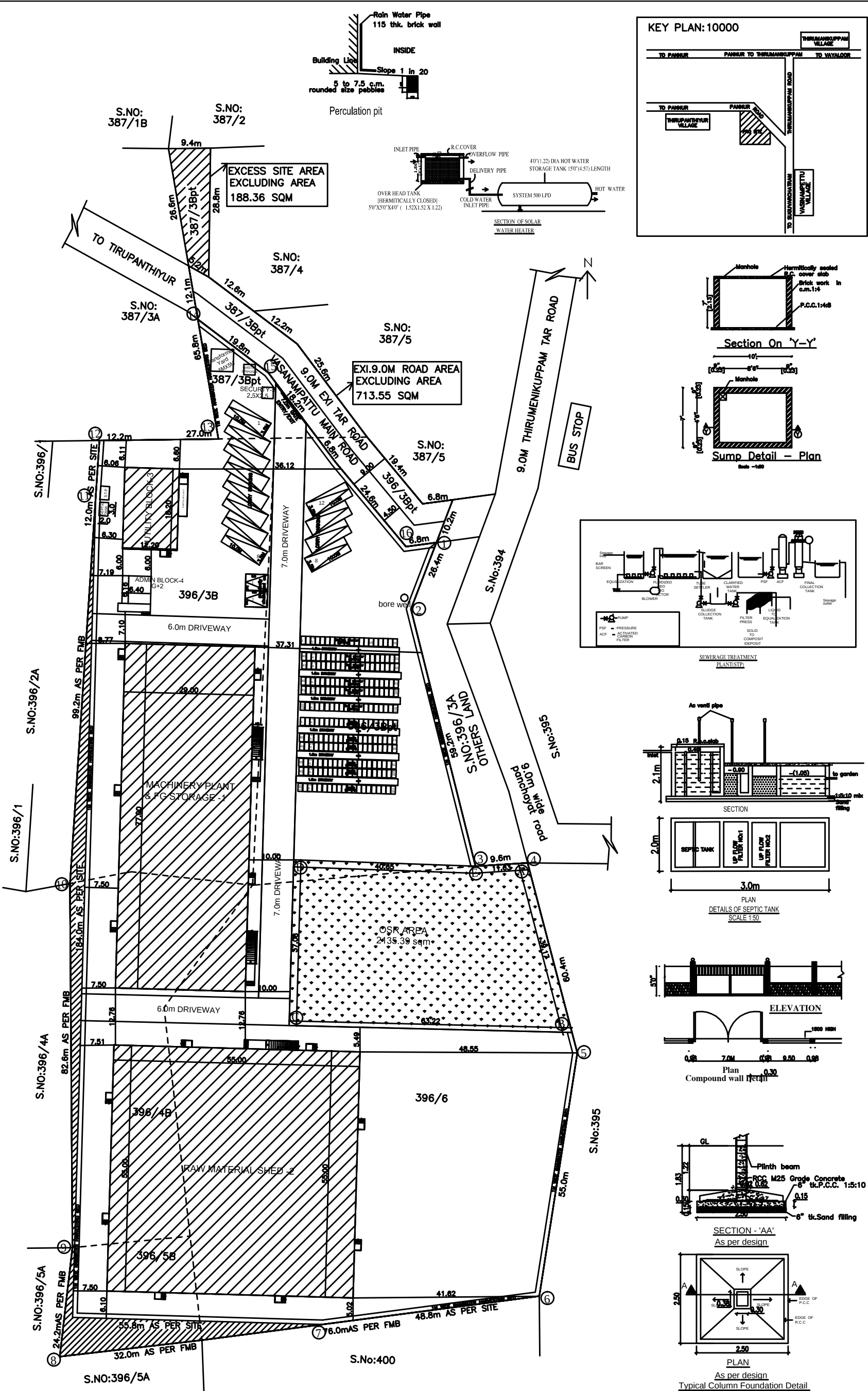
P. MARIAPPAN, B.E., M.S.E.,
Consulting Civil & Structural Engineer,
Registered Engineer,
Trade & P.W.C. / R.E. / S.E. / 2013 / 87 / 013
HISID
ARCHITECT / ENGINEER



EAST SIDE ELEVATION



GROUND FLOOR PLAN



SHEET NO : 1/5				
PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR M/s. ACTP GLASS PVT LTD - 750.50 HP IN S.NOS: 387/3Bpt , 396/2B, 3Bpt, 4B, 5B , 6 OF THIRUMENIKUPPAM VILLAGE, THIRUVALLUR TALUK, TIRUVALLUR DISTRICT.				
CATAGORY OF INDUSTRY : ORANGE MANUFACTURING TYPE : GLASS PRODUCTS				
AREA STATEMENT	F.S.I (SQM)	NON F.S.I (SQM)	TOTAL AREA (SQM)	
TOTAL SITE AREA (AS PER PATTI)	20170.00			
TOTAL SITE AREA (AS PER SITE)	19518.35			
EXCLUDING AREA (Excess site area)	188.36			
EXCLUDING AREA (Exl.9.0m road area)	713.55			
NET SITE AREA (19518.35 - 188.36 - 713.55)	18616.44			
AREA DETAILS				
MACHINERY PLANT & FG STORAGE - 1				
GROUND FLOOR AREA	2233.00	—	2233.00	
RAW MATERIAL SHED - 2				
GROUND FLOOR AREA	3025.00	—	3025.00	
UTILITY BLOCK - 3				
GROUND FLOOR AREA	222.04	—	222.04	
ADMIN BLOCK-4				
GROUND FLOOR AREA	39.42	—	39.42	
FIRST FLOOR AREA	39.42	—	39.42	
SECOND FLOOR AREA	39.42	—	39.42	
HEAD ROOM (NON FSI)	—	21.31	21.31	
SECURITY (NON FSI AREA)-5		6.25	6.25	
TOTAL BUILTUP AREA	5598.30	27.56	5625.86	
DESCRIPTION	CALCULATION	PROPOSED		
PLOT COVERAGE	5519.46 18616.44 X 100	29.65%		
FLOOR AREA RATIO	5598.30 18616.44	0.300		
OSR AREA	2017.0 SQM (10.00%)	2135.39 sqm (10.50%)		
DESCRIPTION	REQUIRED	PROPOSED		
PARKING AREA	CARS : 2 nos LORRYS : 12 nos TWO WHEELERS : 117 nos CYCLE : 117 nos	2 nos 12 nos 120 nos 120 nos		
WORKER'S DETAILS				
NO OF WORKERS - MALE : 20 Nos NO OF WORKERS - FEMALE : 10 Nos				
SANITATION REQUIREMENTS				
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	—	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 : 20 Nos NO OF WORKERS - FEMALE : 10 Nos TOTAL NO OF WORKERS (20+10 = 30) : 30 Nos WATER CONSUMPTION @ 80 Lit /Person/day TOTAL CONSUMPTION (30 X 80) : 2400 Lits NO OF SWHS (2000 lit capacity) : 2 Nos				
TURBO VENTILATOR SIZE : 2' DIA. TURBO VENTILATOR WORKED BY ELECTRICAL				
SPECIFICATION:			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	
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 CONCEALED WIRING			SCALES : 1"=32' [1:400]	
N E			COLOR INDEX	
			SITE BOUNDARY	
			EXISTING ROAD	
			PROPOSED BUILDING	
STRUCTURAL ENGINEER				
For ACTP GLASS PVT. LTD.				
SIGNATURE OF THE APPLICANT				
P. MARIAPPAN, B.E., MIE., Consulting Civil & Structural Engineer, Registered Engineer, Grade-I TVLR / RE / GR / E / 2019 / 87 / 013 Architect / Engineer				