

SHEET NO : 2/4

PLAN SHOWING THE EXISTING REVISED AND
ADDITIONAL CONSTRUCTION OF FACTORY BUILDING
FOR M/s MANCHU TOUGHEND GLASS PVT.LTD.
PLOT NOs. 97 & 98, S.NOs: 278pt, 279pt & 281pt of
SIPcot INDUSTRIAL COMPLEX,
PAPPANKUPPAM VILLAGE, GUMMIDIPOONDI UNION,
GUMMIDIPOONDI TALUK, THIRUVALLUR DISTRICT.

EXISTING FACTORY APPROVED DETAILS
L.P / DTCP (CR) NO : 3809/2012
FACTORY BUILDING APPROVAL NO : 46 / 2012
DTCP LETTER NO : 3809/12-3 Dated : 30/08/2012
GUMMIDIPOONDI LOCAL PLANNING AUTHORITY
PLANNING PERMIT NO: 06/2012 Dated : 17/08/2012

SCHEDULE OF JOINERY		
RS	ROLLING SHUTTER	3.50 X 3.00
D1	DOOR	1.22 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	3.50 X 1.82
W1	WINDOW	1.50 X 1.82
V	VENTILATOR	3.50 X 1.82
V1	VENTILATOR	0.91 X 0.60

EXISTING FACTORY AREA APPROVED BY DTCP (AS PER DRAWING)	TOTAL AREA (SQM)
FACTORY BUILDING	2104.11
PARKING SHED	74.32
TOILET BLOCK	17.30
SECURITY ROOM	5.95
TOTAL AREA	2201.68
EXISTING FACTORY - DEMOLITION AREA	
PARKING SHED (TO BE DEMOLISHED)	74.32
TOILET BLOCK (TO BE DEMOLISHED)	17.30
SECURITY ROOM (TO BE DEMOLISHED)	5.95
TOTAL AREA	97.57

EXISTING FACTORY AREA (TOTAL BUILTUP AREA - DEMOLITION AREA) (2201.68 - 97.57)		2104.11	
DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
PROPOSED BUILDINGS			
FACTORY BUILDING - GF	1954.35	----	1954.35
FACTORY BUILDING - FF (admin)	187.53	----	187.53
FACTORY - GF - (factory)	516.65	----	516.65
FACTORY - FF - (stores)	516.65	----	516.65
TOILET - GF -	21.42	----	21.42
SECURITY ROOM (NON FSI)	-----	6.25	6.25
TOTAL BUILTUP AREA	3196.60	6.25	3202.85
TOTAL GROUND FLOOR AREA (EXISTING + PROPOSED) (2104.11 + 2492.42)	4596.53	----	4596.53
TOTAL ALL FLOOR AREA (EXISTING + PROPOSED) (2104.11 + 3196.60)	5300.71	----	5300.71

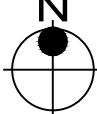
EXISTING FACTORY - HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	TEMPERING MACHINE	1341
2.	WASHING MACHINE	80
3.	SINGLE EDGER MACHINE 2 NOS = (40X2)	80
4.	CUTTING LINE MACHINE	80
5.	LG LINE MACHINE	168
6.	DRILLING MACHINE 2 NOS = (20X2)	40
7.	GRINDING MACHINE	20
TOTAL H.P.		1809
PROPOSED FACTORY - HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	CUTTING MACHINE	52
2.	WASHING MACHINE	73
3.	DRILLING MACHINE	11
4.	DGU MACHINE	56
5.	TEMPERING MACHINE	1373
TOTAL H.P.		1565
TOTAL H.P. (EXISTING + PROPOSED) (1809+1565)		3374

MANUFACTURING DETAILS
CATAGORY OF INDUSTRY : ORANGE
MANUFACTURING TYPE : GLASS WORK

EXISTING FACTORY WORKER'S DETAILS	
NO OF WORKERS - MALE	: 15 Nos
NO OF WORKERS - FEMALE	: 10 Nos
PROPOSED FACTORY WORKER'S DETAILS	
NO OF WORKERS - MALE	: 20 Nos
NO OF WORKERS - FEMALE	: 15 Nos
TOTAL FACTORY WORKER'S DETAILS	
NO OF WORKERS - MALE (5+10)	: 35 Nos
NO OF WORKERS - FEMALE (5+10)	: 25 Nos

SANITATION REQUIREMENTS
W.C 5 Nos. and 2nos. of PCP Toilet provided.

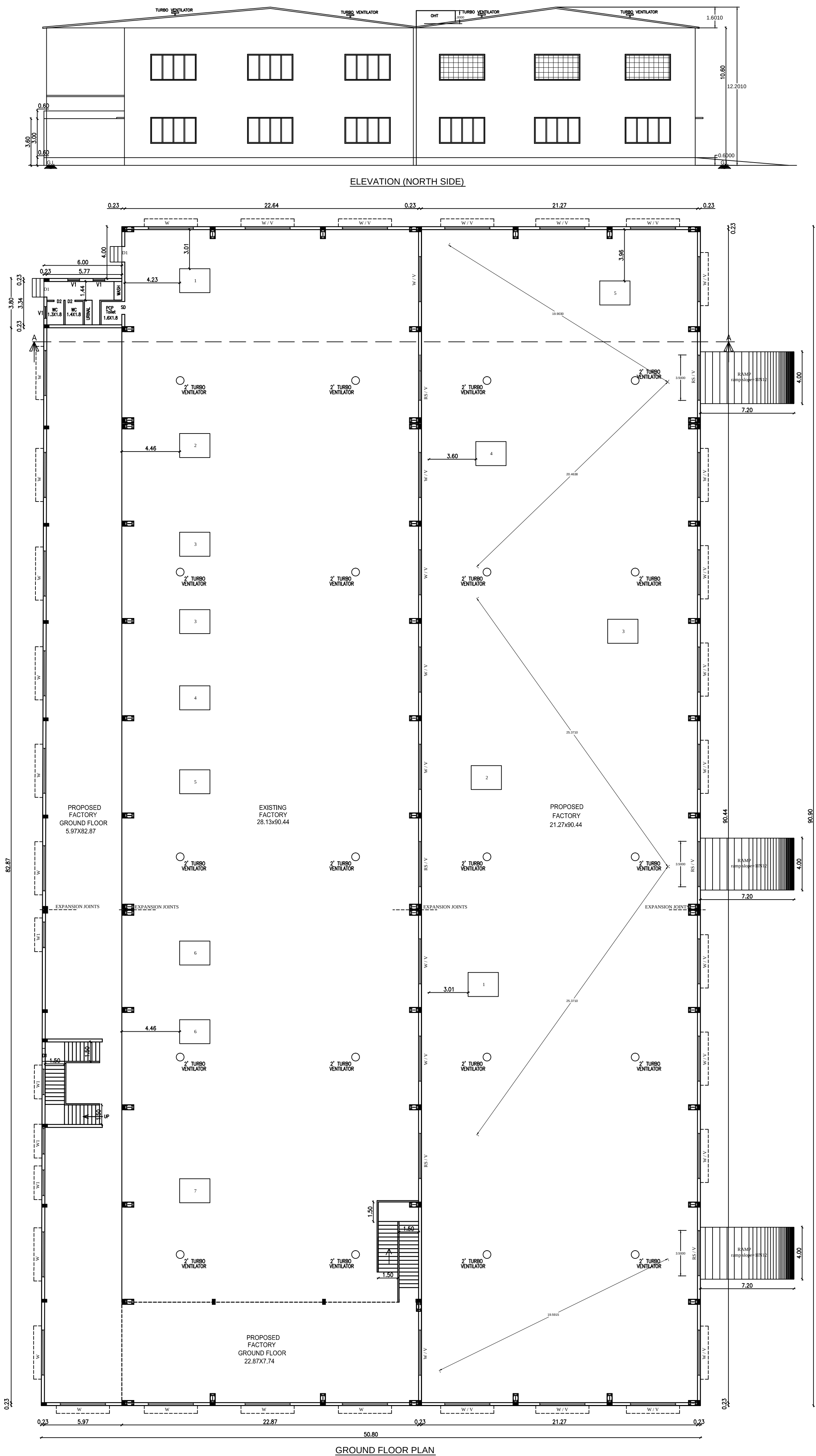
TURBO VENTILATOR SIZE : 2 DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL.

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


SIGNATURE OF THE APPLICANT

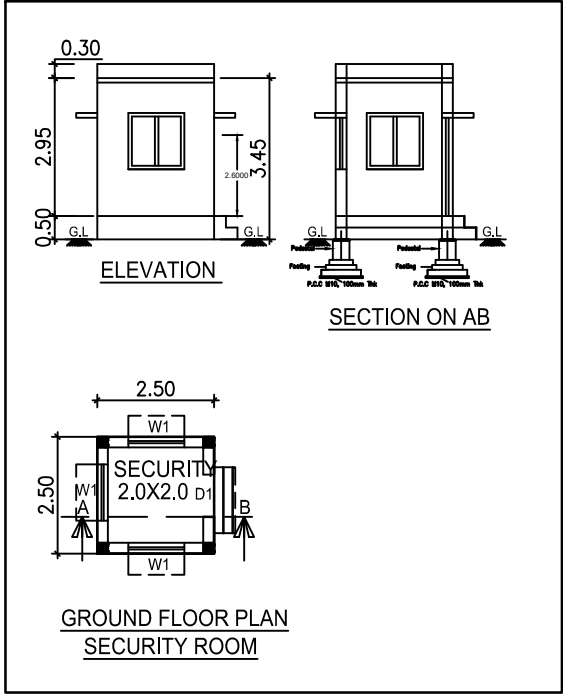
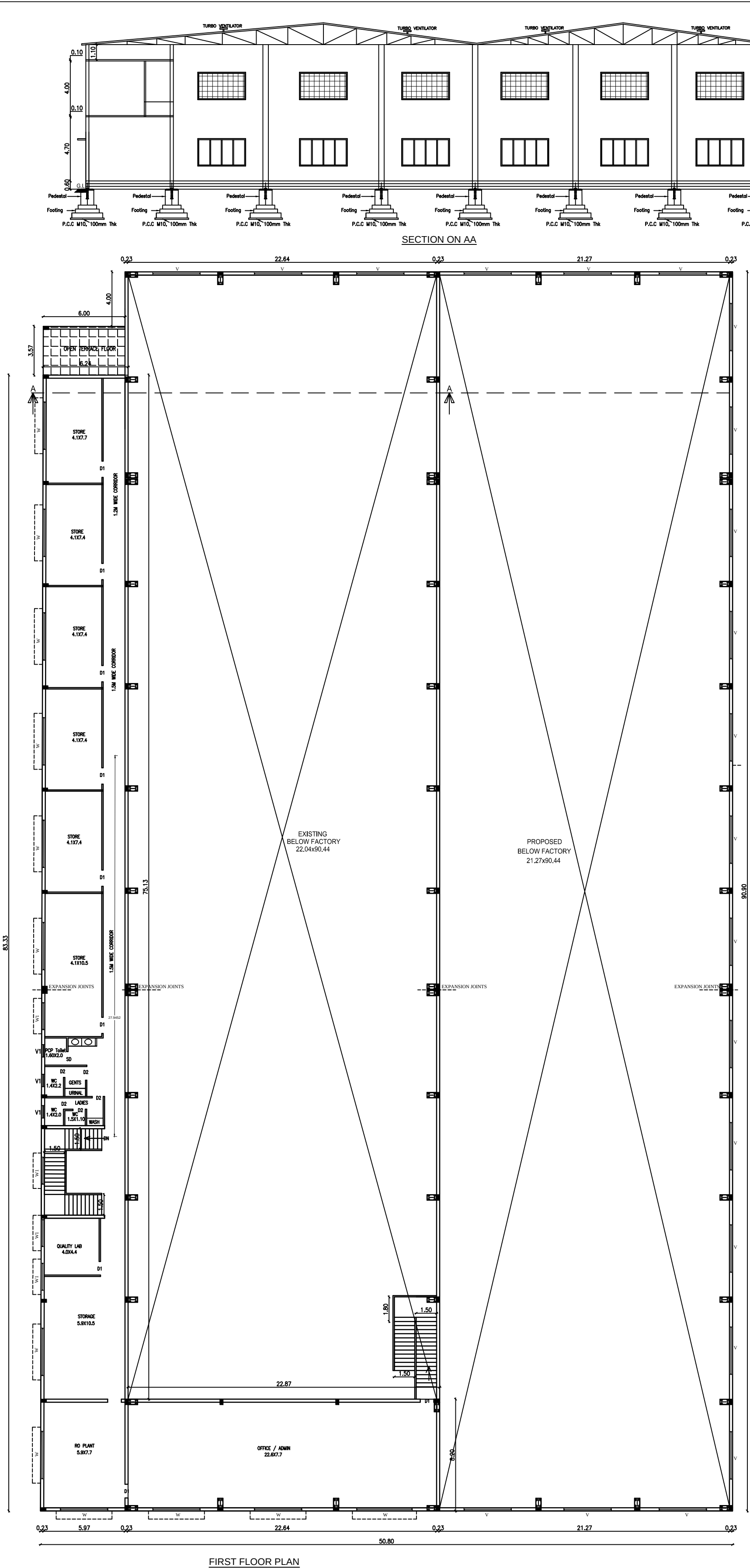

STRUCTURAL ENGINEER


P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registration No. 36262
Grade-I TVLR / RE / 06-1 / 2019 / 07 / 003
Cell : 9541230799
ARCHITECT / ENGINEER



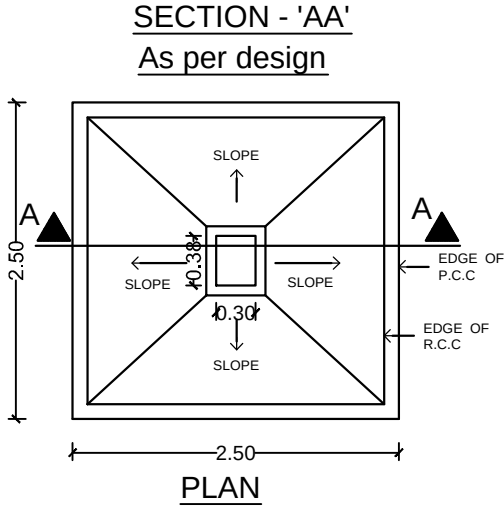
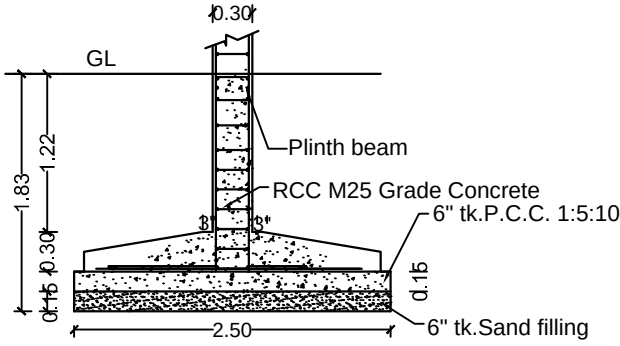
GROUND FLOOR PLAN

ELEVATION (NORTH SIDE)

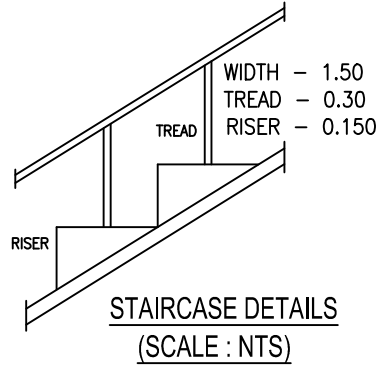


EXISTING FACTORY – HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	TEMPERING MACHINE	1341
2.	WASHING MACHINE	80
3.	SINGLE EDGER MACHINE 2 NOS = (40X2)	80
4.	CUTTING LINE MACHINE	80
5.	I.G LINE MACHINE	168
6.	DRILLING MACHINE 2 NOS = (20X2)	40
7.	GRINDING MACHINE	20
TOTAL H.P.		1809

PROPOSED FACTORY – HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	CUTTING MACHINE	52
2.	WASHING MACHINE	73
3.	DRILLING MACHINE	11
4.	DGU MACHINE	56
5.	TEMPERING MACHINE	1373
TOTAL H.P.		1565
TOTAL H.P (EXISTING +PROPOSED) (1809+1565)		3374



As per design
Typical Column Foundation Detail
As per design



SHEET NO : 3/4

PLAN SHOWING THE EXISTING REVISED AND ADDITIONAL CONSTRUCTION OF FACTORY BUILDING FOR M/s MANCHU TOUGHEND GLASS PVT.LTD. PLOT NOS. 97 & 98, S.NOs: 278pt, 279pt & 281pt of SIPCOT INDUSTRIAL COMPLEX, PAPPANKUPPAM VILLAGE, GUMMIDIPOONDI UNION, GUMMIDIPOONDI TALUK, THIRUVALLUR DISTRICT.

EXISTING FACTORY APPROVED DETAILS
L.P / DTCP (CR) NO : 3809/2012
FACTORY BUILDING APPROVAL NO : 46 / 2012
DTCP LETTER NO : 3809/12-3 Dated : 30/08/2012
GUMMIDIPOONDI LOCAL PLANNING AUTHORITY
PLANNING PERMIT NO: 06/2012 Dated : 17/08/2012

SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	3.50 X 3.00
D1	DOOR	1.22 X 2.13
D2	DOOR	0.76 X 2.13
W	WINDOW	3.50 X 1.82
W1	WINDOW	1.50 X 1.82
V	VENTILATOR	3.50 X 1.82
V1	VENTILATOR	0.91 X 0.60

EXISTING FACTORY AREA APPROVED BY DTCP (AS PER DRAWING)

TOTAL AREA (SQM)

FACTORY BUILDING	2104.11
PARKING SHED	74.32
TOILET BLOCK	17.30
SECURITY ROOM	5.95
TOTAL AREA	2201.68

EXISTING FACTORY - DEMOLITION AREA

PARKING SHED (TO BE DEMOLISHED)	74.32
TOILET BLOCK (TO BE DEMOLISHED)	17.30
SECURITY ROOM (TO BE DEMOLISHED)	5.95
TOTAL AREA	97.57

EXISTING FACTORY AREA (TOTAL BUILTUP AREA - DEMOLITION AREA) (2201.68 - 97.57)

TOTAL AREA (SQM)

2104.11

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
PROPOSED BUILDINGS			
FACTORY BUILDING - GF	1954.35	—	1954.35
FACTORY BUILDING - FF (admin)	187.53	—	187.53
FACTORY - GF - (factory)	516.65	—	516.65
FACTORY - FF - (stores)	516.65	—	516.65
TOILET - GF -	21.42	—	21.42
SECURITY ROOM (NON FSI)	—	6.25	6.25
TOTAL BUILTUP AREA	3196.60	6.25	3202.85
TOTAL GROUND FLOOR AREA (EXISTING + PROPOSED) (2104.11 + 2492.42)	4596.53	—	4596.53
TOTAL ALL FLOOR AREA (EXISTING + PROPOSED) (2104.11 + 3196.60)	5300.71	—	5300.71

MANUFACTURING DETAILS

CATAGORY OF INDUSTRY : ORANGE

MANUFACTURING TYPE : GLASS WORK

EXISTING FACTORY WORKER'S DETAILS

NO OF WORKERS - MALE	: 15 Nos
NO OF WORKERS - FEMALE	: 10 Nos

PROPOSED FACTORY WORKER'S DETAILS

NO OF WORKERS - MALE	: 20 Nos
NO OF WORKERS - FEMALE	: 15 Nos

TOTAL FACTORY WORKER'S DETAILS

NO OF WORKERS - MALE (5+10)	: 35 Nos
NO OF WORKERS - FEMALE (5+10)	: 25 Nos

SANITATION REQUIREMENTS

W.C 5 Nos. and 2nos. of PCP Toilet provided.

TURBO VENTILATOR SIZE : 2 DIA.

TURBO VENTILATOR WORKED BY ELECTRICAL .

SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN CM 1:5

FOUNDATION : RCC COLUMN FOUNDATION

SLAB : RCC 1:2:4 4.5"TK

BEAM LINTEL SUNSHADE : RCC 1:2:4

WEATHERING COURSE WITH PRESSED TILES

ELECTRIFICATION WORK CONCEALED WIRING

WWT - WASTE WATER TANK

OHT - OVERHEAD TANK

RWH - RAIN WATER HARVESTING

SWH - 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	
EXISTING BUILDING	

SIGNATURE OF THE APPLICANT.

SIGNATURE OF THE ARCHITECT / ENGINEER.

P. MARIAPPAN, B.E., MBE.,

Consulting Civil & Structural Engineer,

Registered Engineer

Grade-I TYP. REG. NO. 1 / 2015 / 02 / 023

ARCHITECT / ENGINEER

PROPOSED FACTORY - HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	CUTTING MACHINE	52
2.	WASHING MACHINE	73
3.	DRILLING MACHINE	11
4.	DOU MACHINE	56
5.	TEMPERING MACHINE	1373
	TOTAL H.P.	1565
TOTAL H.P.	(EXISTING +PROPOSED) (1809+1565)	3374




P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Engineer
Grade-I TVLR / RE / GR-I / 2019 / 07 / 003
GTCP
Cell : 9541236750
ARCHITECT / ENGINEER

The image contains several architectural drawings for a septic tank system:

- Top Plan View:** Shows the layout of the septic tank and associated structures. It includes an inlet, an Ac vent pipe, a Rectangular (R.C.) slab, and a mix of sand and 1:5:10 concrete. Dimensions include a total width of 2.1m, a depth of 2.0m, and a total length of 3.0m. A north arrow is present.
- SECTION:** A cross-section of the septic tank showing the internal structure, including the septic tank, up-flow filter (No.1), and up-flow filter (No.2). It also shows the 1:5:10 mix sand filling and the connection to the garden.
- DETAILS OF SEPTIC TANK:** A detailed cross-section of the septic tank showing the RCC M25 Grade Concrete structure, 6" thick P.C.C. (1:5:10), and 6" thick sand filling. It includes a plinth beam and a 6" thick sand filling layer. Dimensions include a total width of 2.50m, a depth of 1.83m, and a height of 1.22m.
- Section - 'AA' As per design:** A cross-section of the septic tank showing the internal structure, including the septic tank, up-flow filter (No.1), and up-flow filter (No.2). It also shows the 1:5:10 mix sand filling and the connection to the garden.
- Section On 'Y-Y':** A cross-section of the septic tank showing the internal structure, including the septic tank, up-flow filter (No.1), and up-flow filter (No.2). It also shows the 1:5:10 mix sand filling and the connection to the garden.
- PLAN:** A plan view of the septic tank showing the internal structure, including the septic tank, up-flow filter (No.1), and up-flow filter (No.2). It also shows the 1:5:10 mix sand filling and the connection to the garden.
- Sump Detail - Plan:** A plan view of the sump showing the internal structure, including the sump, up-flow filter (No.1), and up-flow filter (No.2). It also shows the 1:5:10 mix sand filling and the connection to the garden.