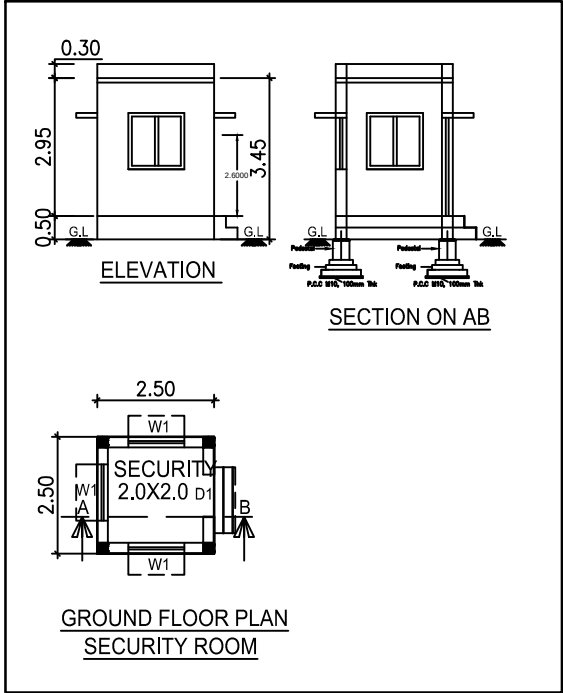
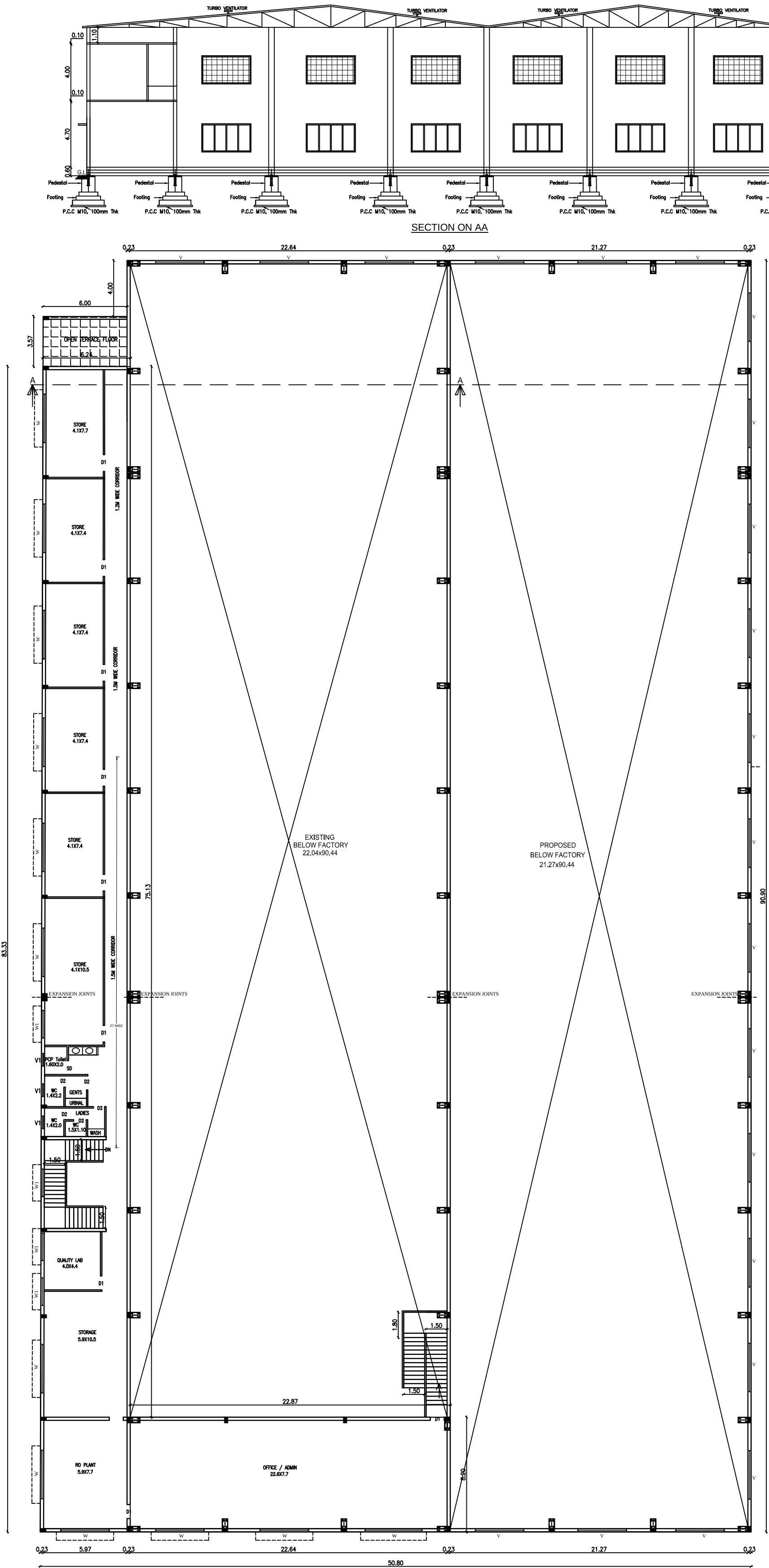
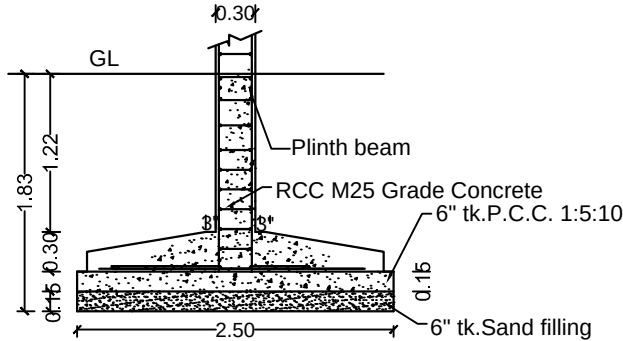


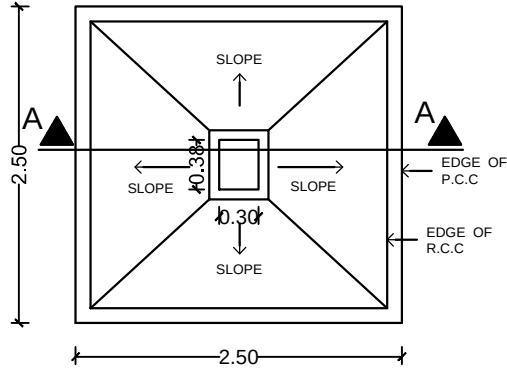


EXISTING FACTORY – HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	TEMPERING MACHINE	1341
2.	WASHING MACHINE	80
3.	SINGLE EDGER MACHINE 2 NOS = (40X2)	80
4.	CUTTING LINE MACHINE	80
5.	I.G LINE MACHINE	168
6.	DRILLING MACHINE 2 NOS = (20X2)	40
7.	GRINDING MACHINE	20
TOTAL H.P.		1809

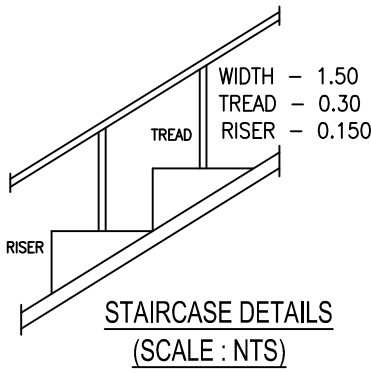
PROPOSED FACTORY – HP DETAILS		
REF.	NAME OF MACHINERY	H.P.
1.	CUTTING MACHINE	52
2.	WASHING MACHINE	73
3.	DRILLING MACHINE	11
4.	DGU MACHINE	56
5.	TEMPERING MACHINE	1373
TOTAL H.P.		1565
TOTAL H.P (EXISTING +PROPOSED) (1809+1565)		3374



SECTION - 'AA'
As per design



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, GUMMIDIPONDUNI UNION,
GUMMIDIPONDUNI 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
GUMMIDIPONDUNI 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		TOTAL AREA (SQM)
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	WWT - WASTE WATER TANK
FOUNDATION : RCC COLUMN FOUNDATION	OHT - OVERHEAD TANK
SLAB : RCC 12:4 4.5"TK	RWH - RAIN WATER HARVESTING
BEAM LINTEL SUNSHADE : RCC 1:2:4	SWH - SOLAR WATER
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
	EXISTING BUILDING

SIGNATURE OF THE APPLICANT.

STRUCTURAL ENGINEER

P. MARIAPPAN, B.E., MBE.,
Consulting Civil & Structural Engineer,
Registered Engineer
Grade-I TAMIL NADU, 2015 / 2015 / 02 / 02
GRI 1561335738
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

SHEET NO : 1/4
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, GUMMDIPOONDI UNION,
GUMMDIPOONDI 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
GUMMDIPOONDI 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	

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
TOTAL SITE AREA (AS PER SITE)	8100.00		
TOTAL SITE AREA (AS PER PATTI)	8100.00		
TOTAL SITE AREA (SUPER IMPOSED AREA)	8100.00		

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	TOTAL AREA (SQM)
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)	TOTAL AREA (SQM)
	4596.53

TOTAL ALL FLOOR AREA (EXISTING + PROPOSED) (2104.11 + 3196.60)	TOTAL AREA (SQM)
	5300.71

REFERENCE		
DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	$\frac{4596.53}{8100.00} \times 100$	56.74%
FLOOR AREA RATIO	$\frac{5300.71}{8100.00}$	0.654
DESCRIPTION	REQUIRED	PROPOSED
PARKING AREA	LORRIES : 11 nos	11 nos
	CARS : 03 nos	03 nos
	TWO WHEELERS : 105 nos	110 nos
	CYCLE : 105 nos	110 nos

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

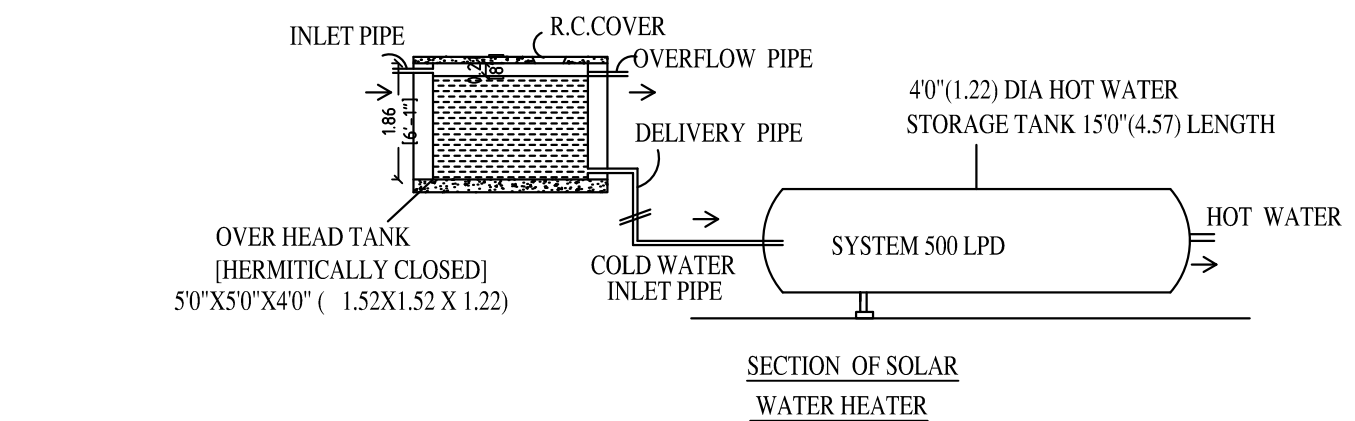
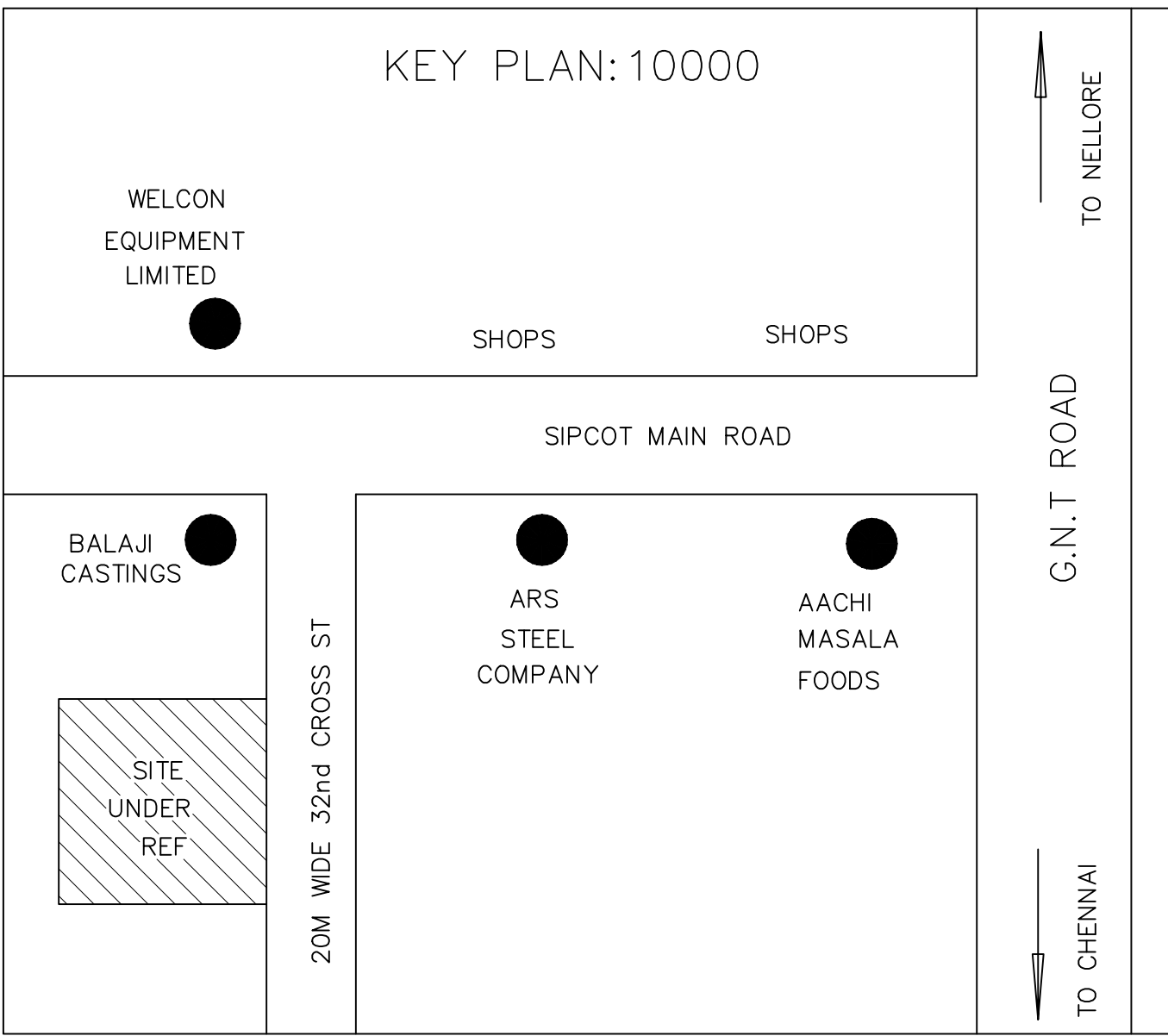
SANITATION REQUIREMENTS
W.O 5 Nos, and 2nos. of PCP Toilet provided.

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

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

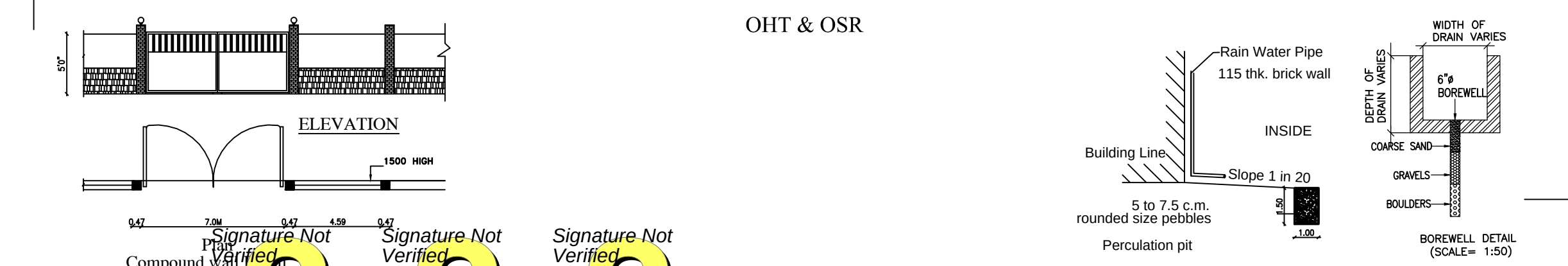
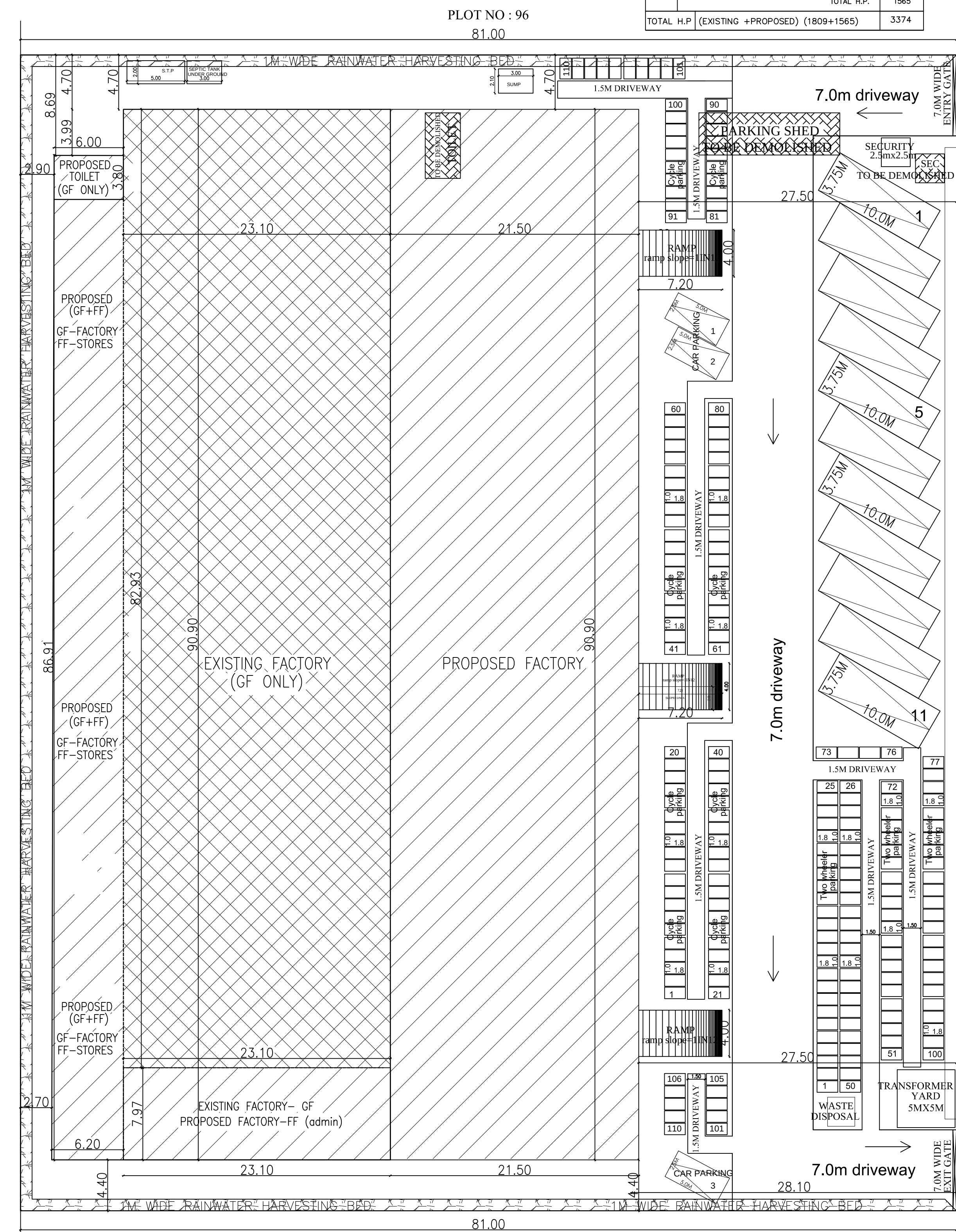
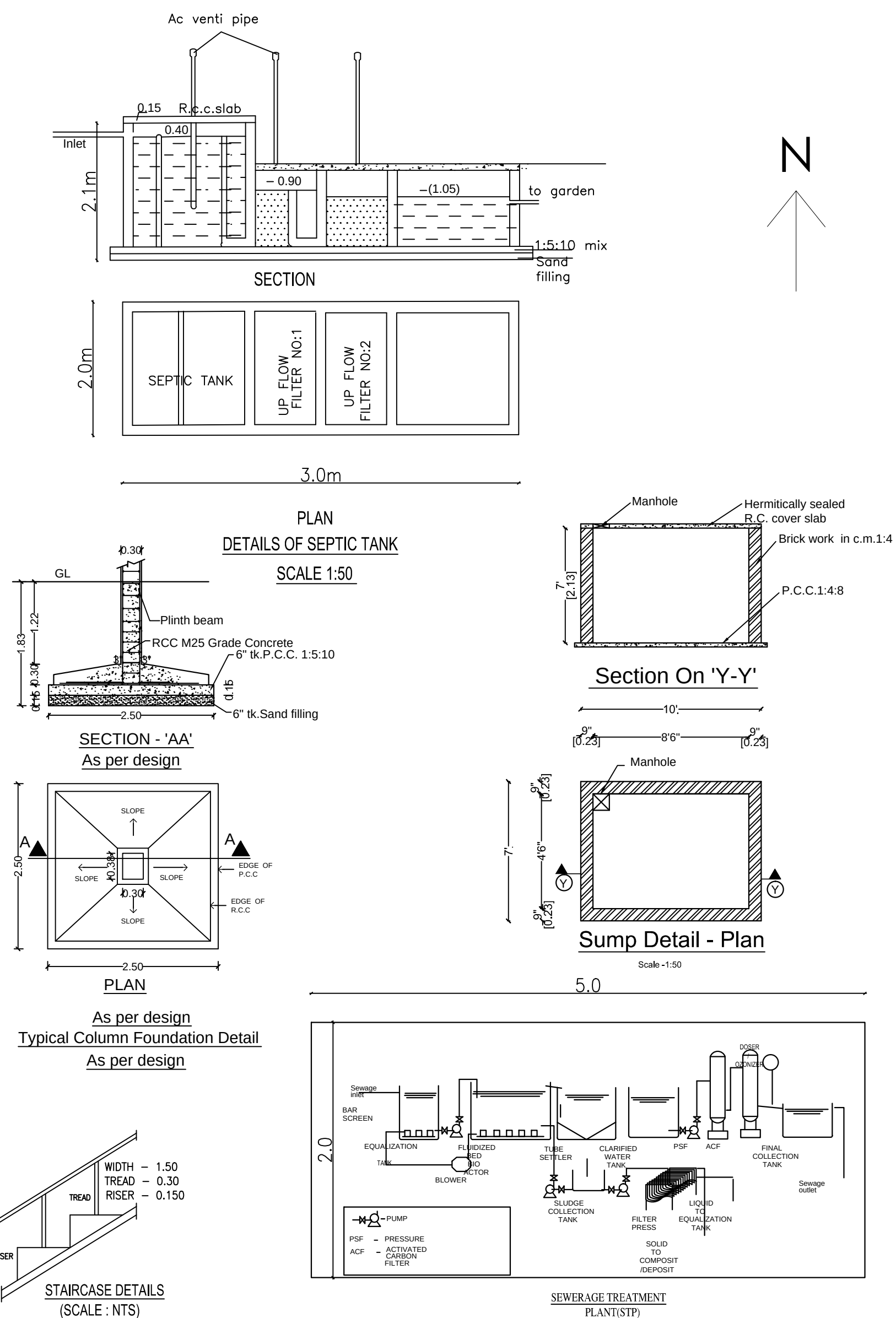
SCALE : 1"=16' [1:200]	COLOR INDEX
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING
	EXISTING BUILDING

Signature of the Applicant
P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registration No. 14/2017-18
Grade-I TVLR / ME / 66-1 / 2019 / 07 / 003
Cell : 9541236750
ARCHITECT / ENGINEER



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



Signature Not Verified
Signature Not Verified
Signature Not Verified