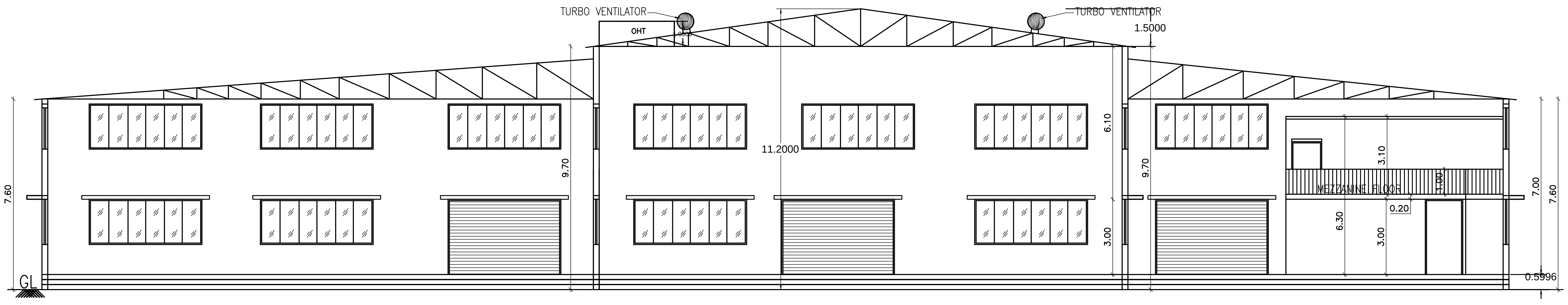
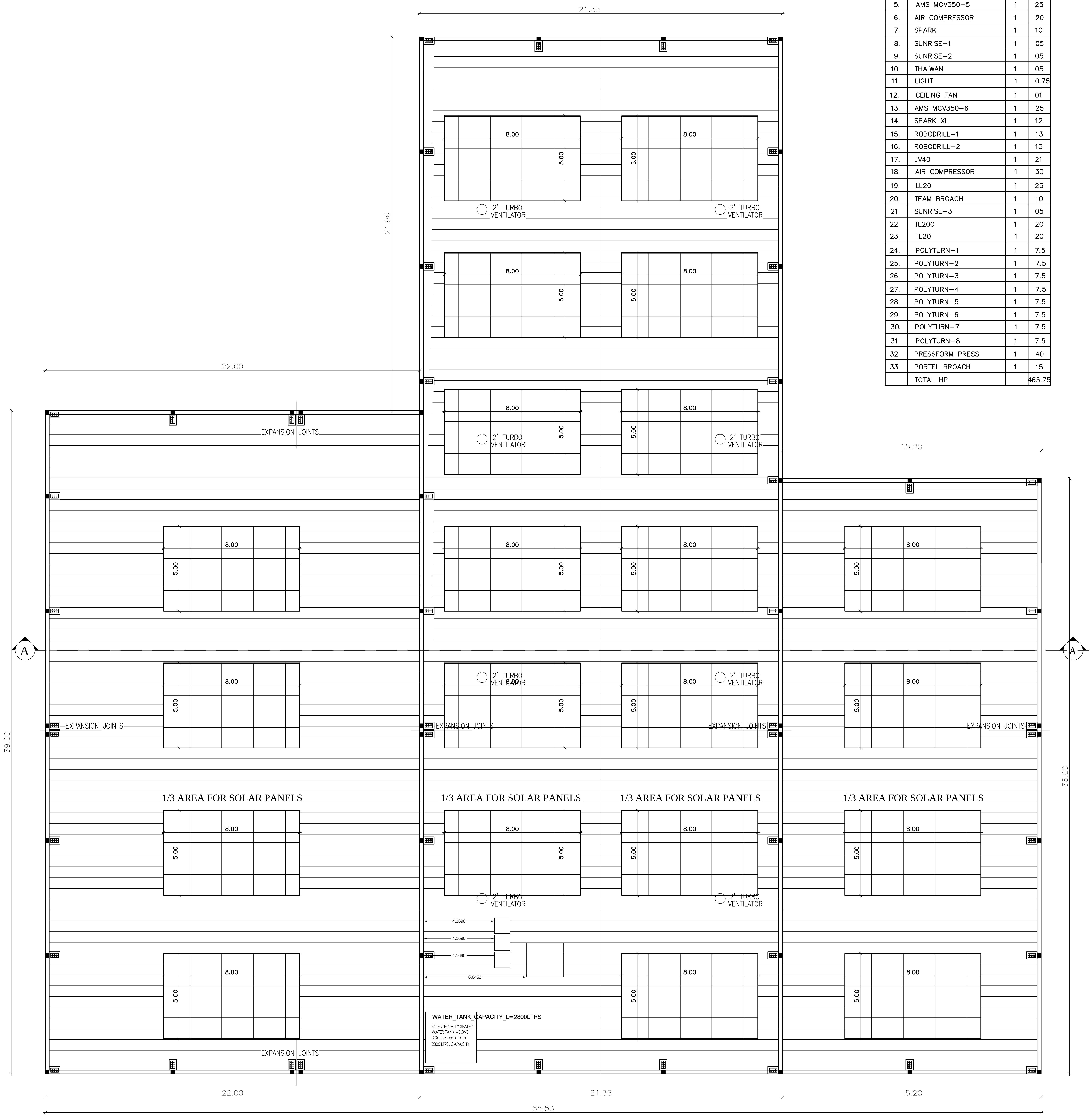


SECTION ON AA

1. Application Refrence No. SWP/BPA/0045945/2023 and Scrutiny Reference : K5PJH3ZO
2. The building plan Numbered as SWP/B.P **(Industry)** /A.D.D.T.C.P(TVLR) No.03/2024

REF.	NAME OF MACHINERY	QTY	H.P.
1.	AMS MCV350–1	1	20
2.	AMS MCV350–2	1	20
3.	AMS MCV350–3	1	20
4.	AMS MCV350–4	1	25
5.	AMS MCV350–5	1	25
6.	AIR COMPRESSOR	1	20
7.	SPARK	1	10
8.	SUNRISE–1	1	05
9.	SUNRISE–2	1	05
10.	THAIWAN	1	05
11.	LIGHT	1	0.75
12.	CEILING FAN	1	01
13.	AMS MCV350–6	1	25
14.	SPARK XL	1	12
15.	ROBODRILL–1	1	13
16.	ROBODRILL–2	1	13
17.	JV40	1	21
18.	AIR COMPRESSOR	1	30
19.	LL20	1	25
20.	TEAM BROACH	1	10
21.	SUNRISE–3	1	05
22.	TL200	1	20
23.	TL20	1	20
24.	POLYTURN–1	1	7.5
25.	POLYTURN–2	1	7.5
26.	POLYTURN–3	1	7.5
27.	POLYTURN–4	1	7.5
28.	POLYTURN–5	1	7.5
29.	POLYTURN–6	1	7.5
30.	POLYTURN–7	1	7.5
31.	POLYTURN–8	1	7.5
32.	PRESSFORM PRESS	1	40
33.	PORTEL BROACH	1	15
	TOTAL HP		465.75


21.33
21.96
22.00
15.20
39.00
35.00
8.00
5.00
2' TURBO VENTILATOR
EXPANSION JOINTS
A
1/3 AREA FOR SOLAR PANELS
4.1690
6.0452
WATER_TANK_CAPACITY_L=2800LTRS
SCIENTIFICALLY SEALED WATER TANK ABOVE 3.0m x 3.0m x 1.0m 2800 LTRS. CAPACITY
22.00
21.33
15.20
58.53

ROOF FLOOR PLAN

SHEET NO : 2/3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR M/S KVTS AUTOMOTIVE PVT LTD - 465.75 HP IN S.F NOS:499/2A1A2,2A2A2, 2A1B, 2A2B OF V.No:99, PAPPARAMBAKKAM VILLAGE, PAPPARAMBAKKAM PANCHAYAT, TIRUVALLUR TALUK AND DISTRICT.

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : SHEET METAL COMPONENT

SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	4.50 X 3.00
D	DOOR	1.20 X 2.13
D1	DOOR	0.76 X 2.13
D2	DOOR	1.00 X 2.13
W	WINDOW	4.50 X 1.82
W1	WINDOW	1.20 X 1.82
V	VENTILATOR	4.50 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 BUILDING			
GROUND FLOOR AREA	2690.28	----	2690.28
MEZZANINE FLOOR AREA	309.97	----	309.97
TOILET-1 - GF AREA (NON FSI)	40.60	----	40.60
SECURITY ROOM (NON FSI)	----	6.00	6.00
TOTAL BUILTUP AREA	3040.85	46.60	3046.85

WORKER'S DETAILS

NO OF WORKERS - MALE : 25 Nos
NO OF WORKERS - FEMALE : 15 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 : 25 Nos
NO OF WORKERS - FEMALE : 15 Nos
TOTAL NO OF WORKERS (25+15 = 40) : 40 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (40 X 80) : 3200 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
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURS/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED 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]

N
E

COLOR INDEX

SITE BOUNDARY ☐
EXISTING ROAD ☐
PROPOSED BUILDING ☐

P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CGL RGN /SE/ GR-II / 2019 / 07 / 011
DTCP
Ph : 26745855, Cell : 9841204750

STRUCTURAL ENGINEER

For KVTS AUTOMOTIVE PRIVATE LIMITED
Managing Director

SIGNATURE OF THE APPLICANT

Dhinesh T Architect
Reg No: TVLR/RA/GR-I/2019/05/001
10/1, 2nd Street, Kasthuribai Nagar,
Avadi, Chennai-600 054.
dhinesh.architect@gmail.com
+91 73730 83060 / 69003 66666

ARCHITECT / ENGINEER

SHEET NO : 2/3

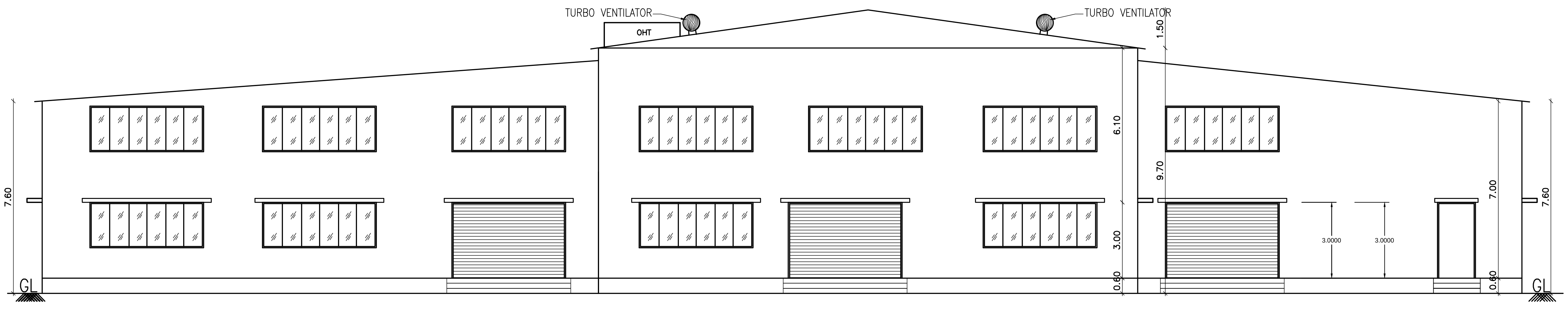
PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY BUILDING FOR M/S KVTS AUTOMOTIVE PVT LTD - 465.75 HP IN S.F NOS:499/2A1A2,2A2A2, 2A1B, 2A2B OF V.No:99, PAPPARAMBAKKAM VILLAGE, PAPPARAMBAKKAM PANCHAYAT, TIRUVALLUR TALUK AND DISTRICT.

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : SHEET METAL COMPONENT

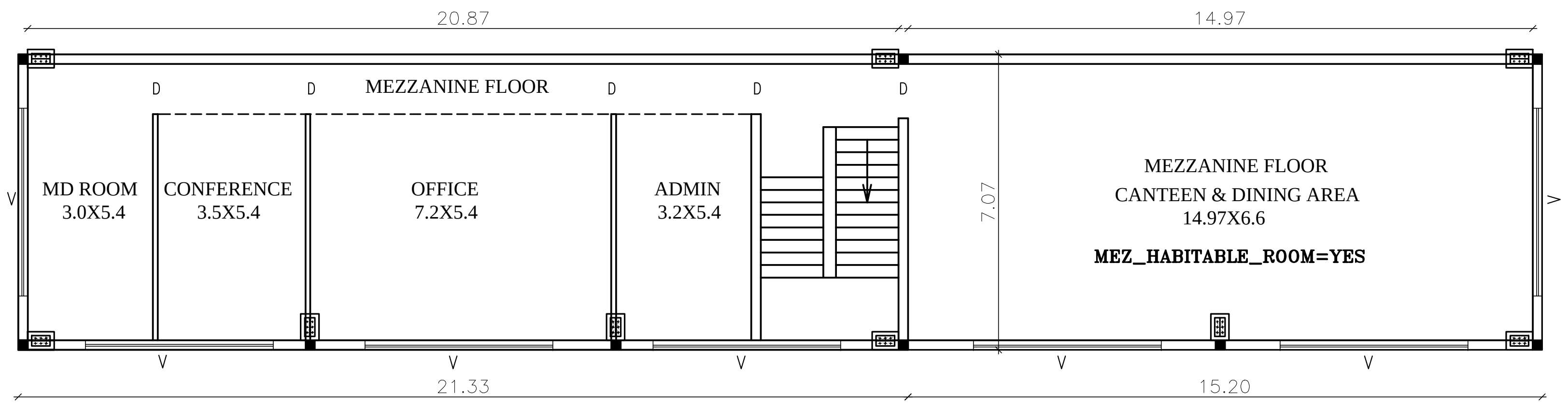
SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	4.50 X 3.00
D	DOOR	1.20 X 2.13
D1	DOOR	0.76 X 2.13
D2	DOOR	1.00 X 2.13
W	WINDOW	4.50 X 1.82
W1	WINDOW	1.20 X 1.82
V	VENTILATOR	4.50 X 1.82
V1	VENTILATOR	0.91 X 0.60

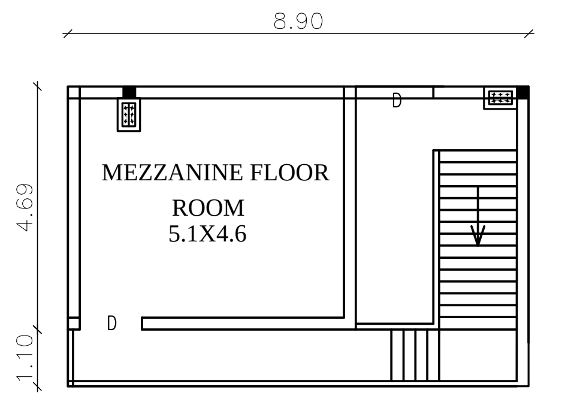
DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY BUILDING			
GROUND FLOOR AREA	2690.28	----	2690.28
MEZZANINE FLOOR AREA	309.97	----	309.97
TOILET-1 - GF AREA (NON FSI)	40.60	----	40.60
SECURITY ROOM (NON FSI)	----	6.00	6.00
TOTAL BUILTUP AREA	3040.85	46.60	3046.85



NORTH FACING ELEVATION



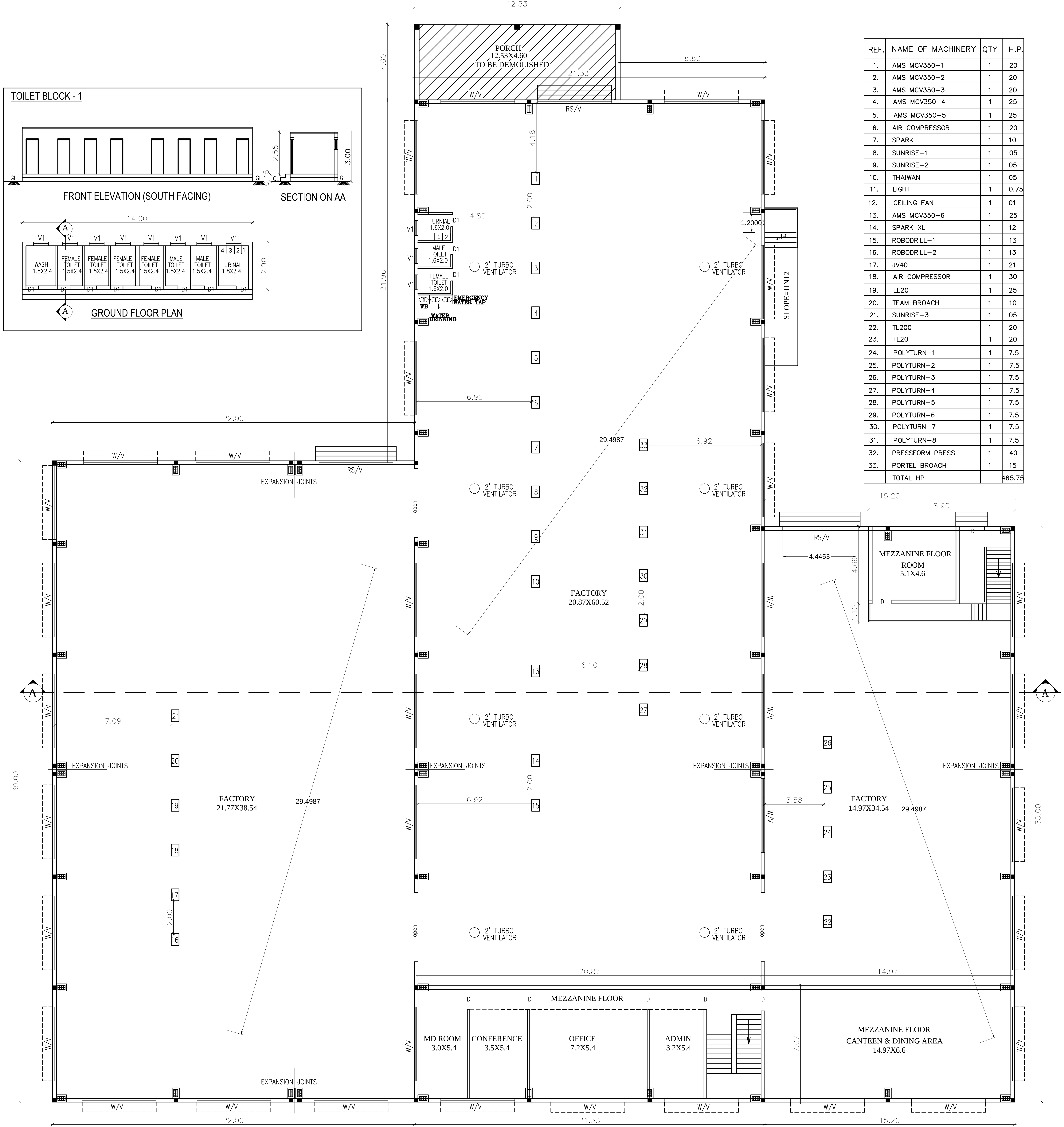
MEZZANINE FLOOR PLAN



MEZZANINE FLOOR PLAN

1. Application Refrence No. SWP/BPA/0045945/2023 and Scrutiny Reference : K5PJH3ZO
2. The building plan Numbered as SWP/B.P **(Industry)** /A.D.D.T.C.P(TVLR) No.03/2024

REF.	NAME OF MACHINERY	QTY	H.P.
1.	AMS MCV350–1	1	20
2.	AMS MCV350–2	1	20
3.	AMS MCV350–3	1	20
4.	AMS MCV350–4	1	25
5.	AMS MCV350–5	1	25
6.	AIR COMPRESSOR	1	20
7.	SPARK	1	10
8.	SUNRISE–1	1	05
9.	SUNRISE–2	1	05
10.	THAIWAN	1	05
11.	LIGHT	1	0.75
12.	CEILING FAN	1	01
13.	AMS MCV350–6	1	25
14.	SPARK XL	1	12
15.	ROBODRILL–1	1	13
16.	ROBODRILL–2	1	13
17.	JV40	1	21
18.	AIR COMPRESSOR	1	30
19.	LL20	1	25
20.	TEAM BROACH	1	10
21.	SUNRISE–3	1	05
22.	TL200	1	20
23.	TL20	1	20
24.	POLYTURN–1	1	7.5
25.	POLYTURN–2	1	7.5
26.	POLYTURN–3	1	7.5
27.	POLYTURN–4	1	7.5
28.	POLYTURN–5	1	7.5
29.	POLYTURN–6	1	7.5
30.	POLYTURN–7	1	7.5
31.	POLYTURN–8	1	7.5
32.	PRESSFORM PRESS	1	40
33.	PORTEL BROACH	1	15
	TOTAL HP		465.75



GROUND FLOOR PLAN

WORKER'S DETAILS

NO OF WORKERS - MALE : 25 Nos
NO OF WORKERS - FEMALE : 15 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 : 25 Nos
NO OF WORKERS - FEMALE : 15 Nos
TOTAL NO OF WORKERS (25+15 = 40) : 40 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (40 X 80) : 3200 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
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURS/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED 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]

N
E

COLOR INDEX

SITE BOUNDARY	
EXISTING ROAD	
PROPOSED BUILDING	

P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CGL RGN /SE/ GR-II / 2019 / 07 / 013
DTCP
Ph : 26745655. Cell : 9841206759

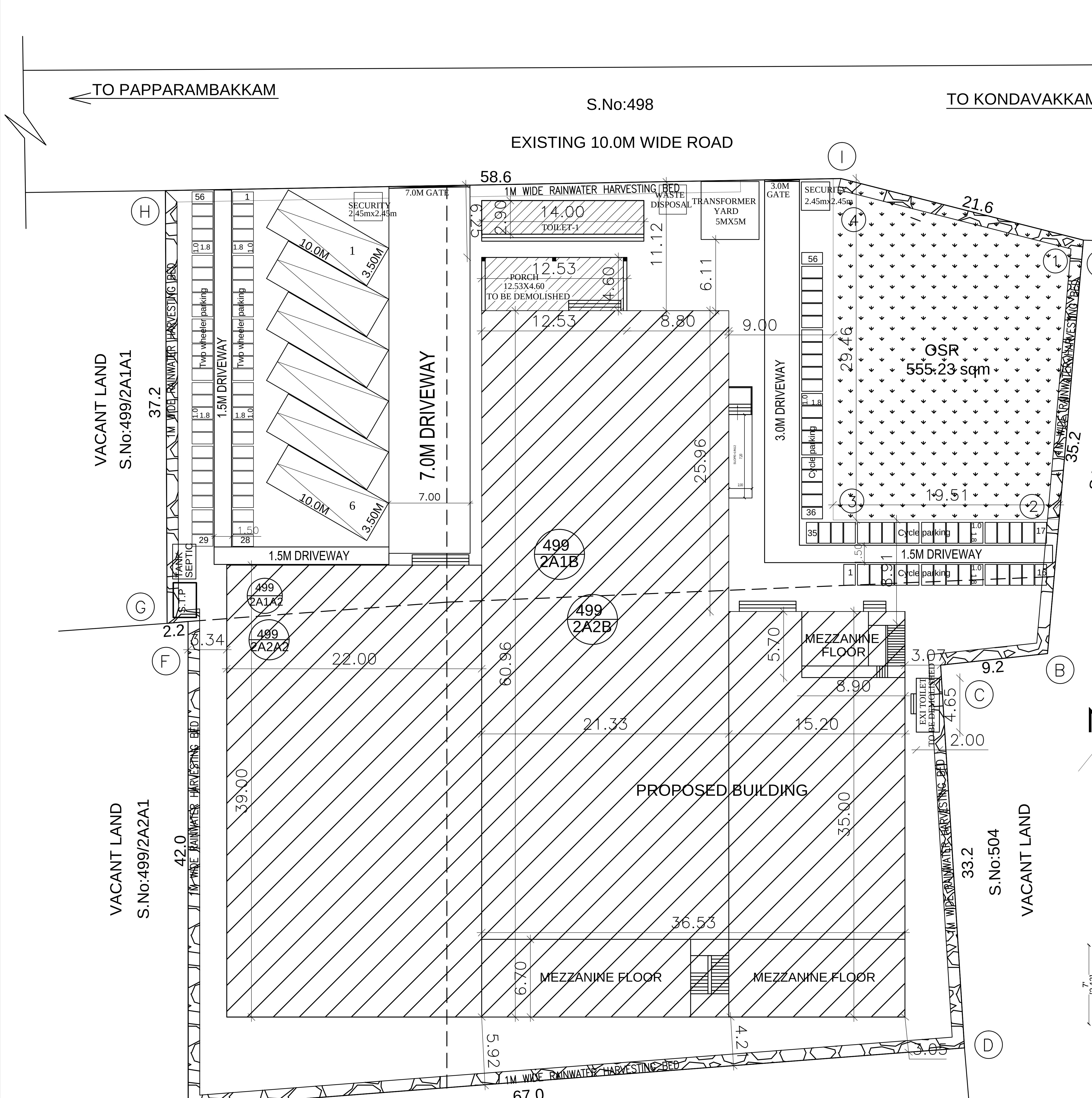
STRUCTURAL ENGINEER

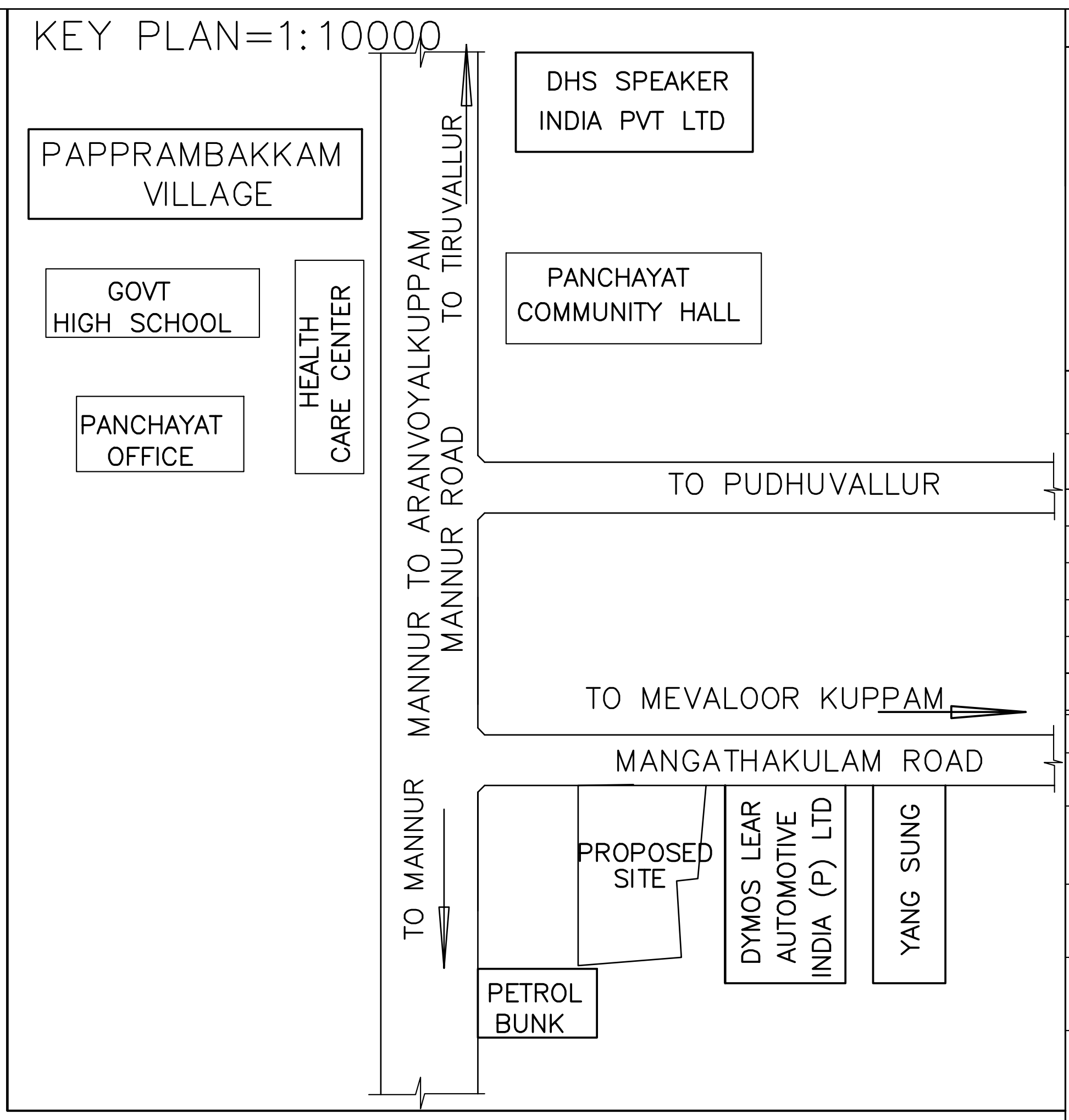
For KVTS AUTOMOTIVE PRIVATE LIMITED
Managing Director

SIGNATURE OF THE APPLICANT

Dhinesh T Architect
Reg No: TVLR/RA/GR-I/2019/05/001
10/1, 2nd Street, Kasthuribai Nagar,
Avadi, Chennai-600 054.
dhinesh.architect@gmail.com
+91 73730 83060 / 69003 66666

ARCHITECT / ENGINEER





SHEET NO : 1/3

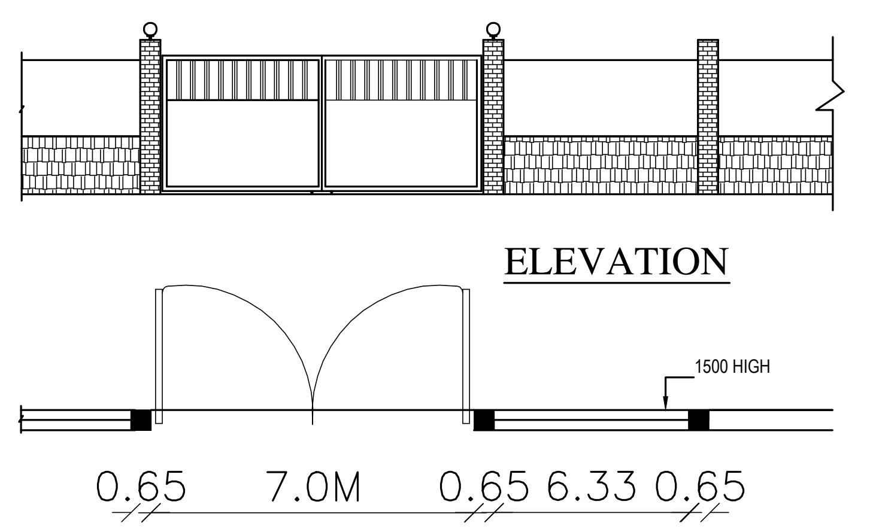
PLAN SHOWING THE PROPOSED CONSTRUCTION OF FACTORY
BUILDING FOR M/S KVTS AUTOMOTIVE PVT LTD - 465.75 HP
IN S.F NOS:499/2A1A2,2A2A2, 2A1B, 2A2B OF
V.No:99, PAPPARAMBAKKAM VILLAGE,
PAPPARAMBAKKAM PANCHAYAT,
TIRUVALLUR TALUK AND DISTRICT.

CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : SHEET METAL COMPONENT

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
TOTAL SITE AREA (AS PER PATTA)	5520.0		
FACTORY BUILDING			
GROUND FLOOR AREA	2690.28	----	2690.28
MEZZANINE FLOOR AREA	309.97	----	309.97
TOILET-1 - GF AREA	40.60	----	40.60
SECURITY ROOM (NON FSI)	----	6.00	6.00
TOTAL BUILTUP AREA	3040.85	6.00	3046.85

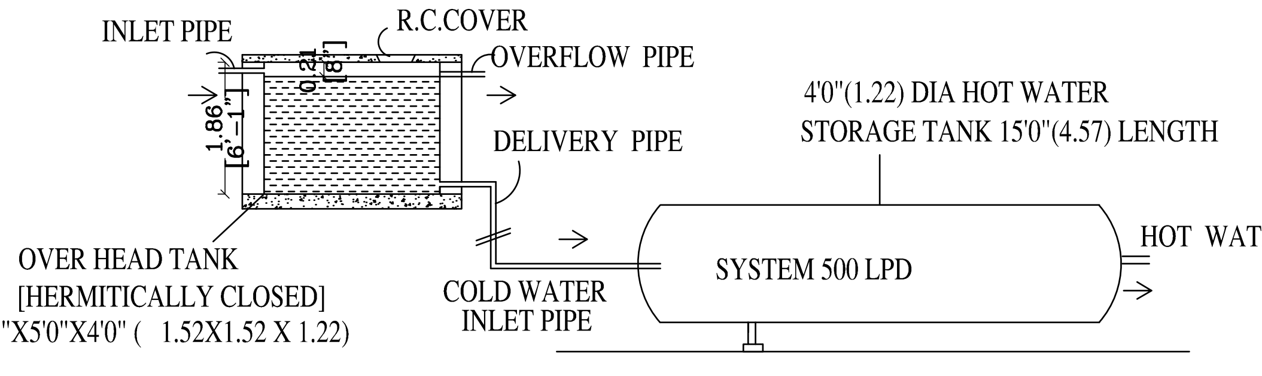
REFERENCE

DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	$\frac{2690.28}{5520.0} \times 100$	48.74%
FLOOR AREA RATIO	$\frac{3040.85}{5520.0}$	0.550
OSR AREA	552 .0 SQM (10.0%)	555.23 sqm (10.05%)
PARKING AREA	LORRYS = 06 Nos TWO WHEELER = 55 Nos CYCLE PARK = 55 Nos	LORRYS = 06 Nos TWO WHEELER = 56 Nos CYCLE PARK = 56 Nos

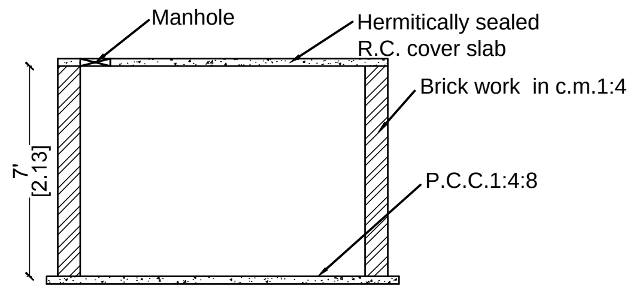


ELEVATION

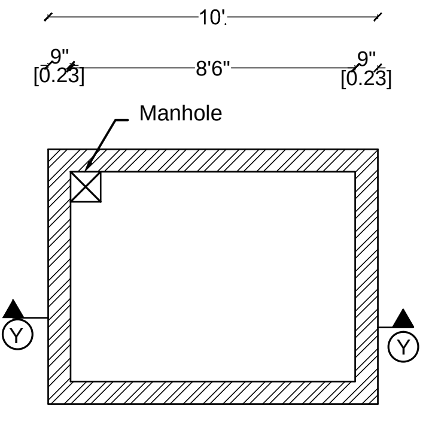
Plan
Compound wall Detail


INLET PIPE
R.C.COVER
OVERFLOW PIPE
DELIVERY PIPE
0.21 [8"]
1.86 [6'-1"]
4'0"(1.22) DIA HOT WATER STORAGE TANK 15'0"(4.57) LENGTH
SYSTEM 500 LPD
HOT WATER
COLD WATER INLET PIPE
OVER HEAD TANK [HERMITICALLY CLOSED] 5'0"X5'0"X4'0" (1.52X1.52 X 1.22)

SECTION OF SOLAR
WATER HEATER

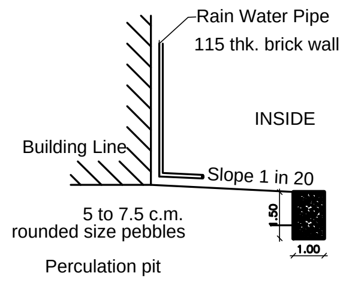


Section On 'Y-Y'

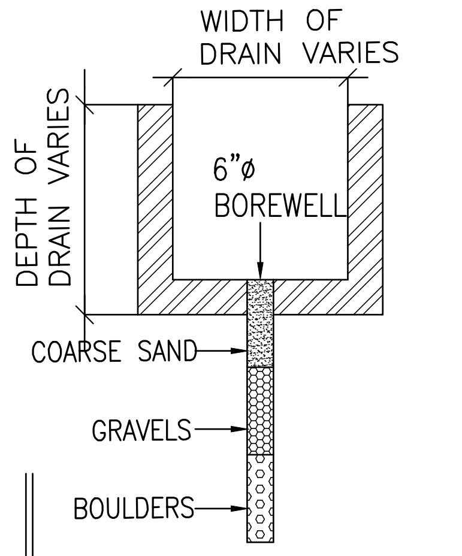


Sump Detail - Plan

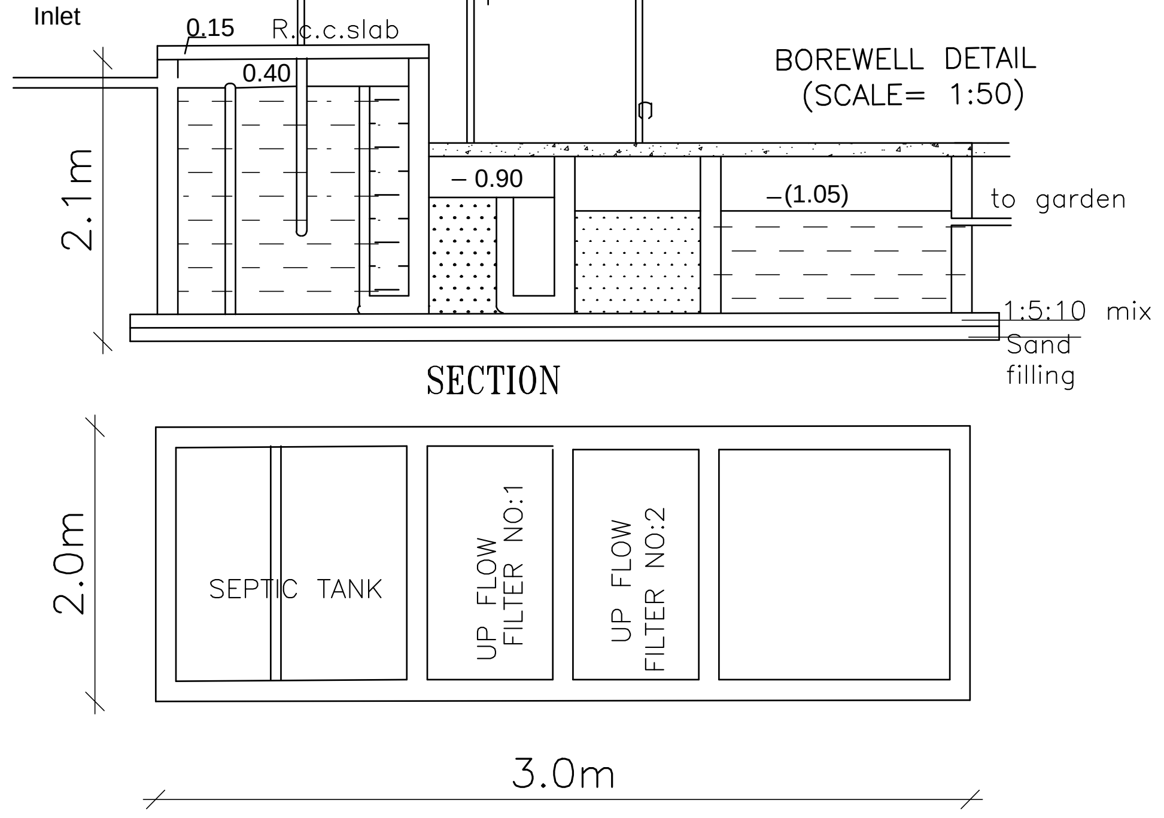
Scale -1:50



Perculation pit



BOREWELL DETAIL
(SCALE= 1:50)

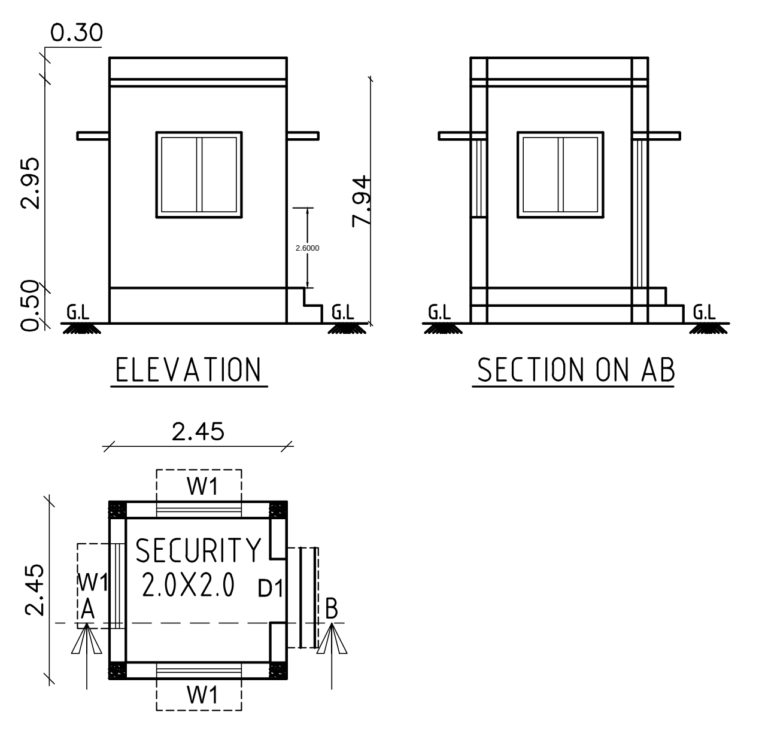


SECTION

PLAN

DETAILS OF SEPTIC TANK

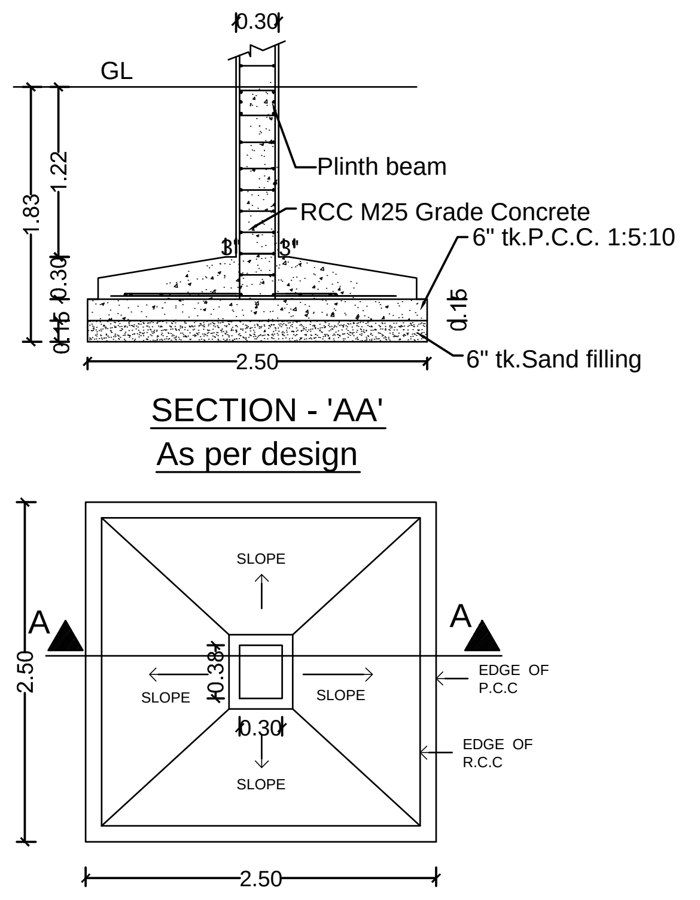
SCALE 1:50



ELEVATION

SECTION ON AB

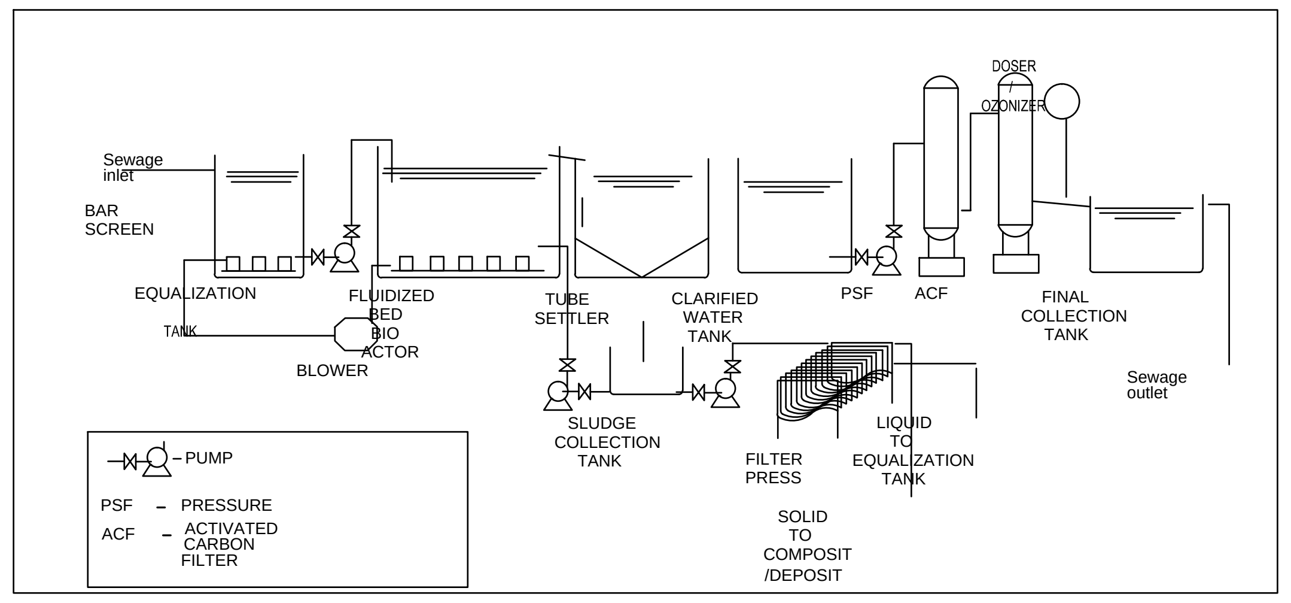
GROUND FLOOR PLAN
SECURITY ROOM



SECTION - 'AA'
As per design

PLAN

As per design
Typical Column Foundation Detail
As per design



SEWERAGE TREATMENT
PLANT(STP)

WORKER'S DETAILS

NO OF WORKERS - MALE : 25 Nos
NO OF WORKERS - FEMALE : 15 Nos

SANITATION REQUIREMENTS

DESCRIPTION	REQUIRED		PROVIDED	
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OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=16'
[1:200]

N
E

COLOR INDEX

SITE BOUNDARY	
EXISTING ROAD	
PROPOSED BUILDING	

1. Application Refrence No. SWP/BPA/0045945/2023 and Scrutiny Reference : K5PJH3ZO
2. The proposed site is boundarised as “A to I” and Numbered as SWP/L.P/A.D.D.T.C.P(TVLR) No.15/2024 and Site Approval is being given.
3. The building plan Numbered as SWP/B.P **(Industry)** /A.D.D.T.C.P(TVLR) No.03/2024

P. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CGL RGN /SE/ GR-II / 2019 / 07 / 014
DTCP
Ph : 26745655. Cell : 9841296750

STRUCTURAL ENGINEER

For KVTS AUTOMOTIVE PRIVATE LIMITED
Managing Director

SIGNATURE OF THE APPLICANT

Dhinesh T Architect
Reg No: TVLR/RA/GR-1/2019/05/001
10/1, 2nd Street, Kasthuribai Nagar,
Avadi, Chennai-600 054.
dhinesh.architect@gmail.com
+91 73730 83060 / 89003 66666

ARCHITECT / ENGINEER

Signature Not Verified
Signed by: Assistant Director
Location: Tiruvallur
Date:2024.01.29 16:52:56