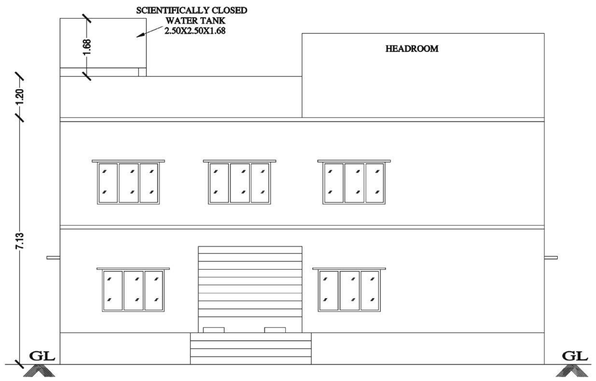
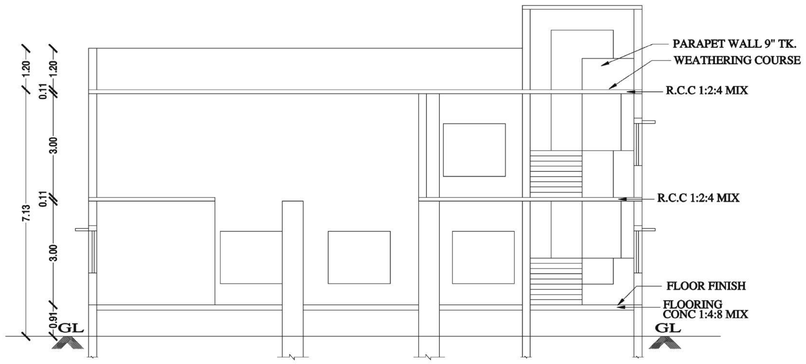
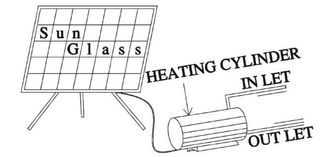


FRONT ELEVATION

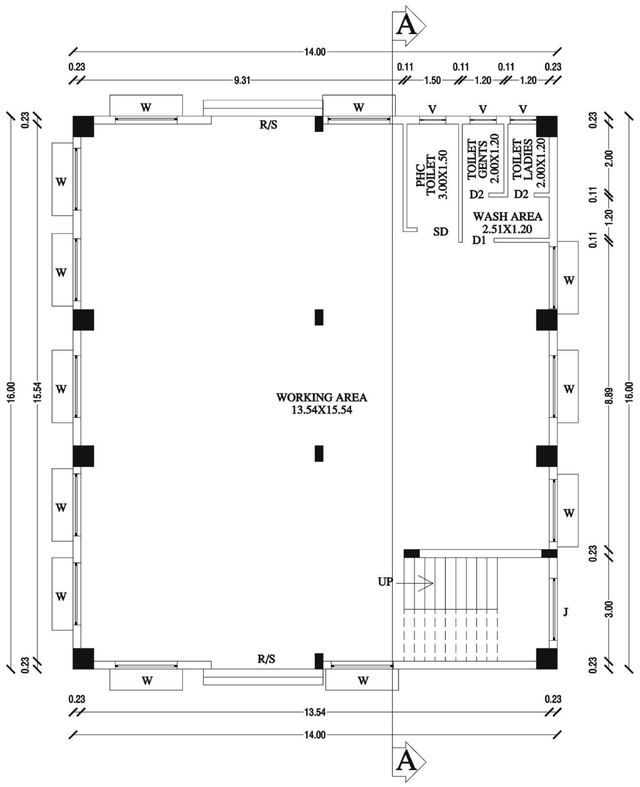


SECTION :"A-A"

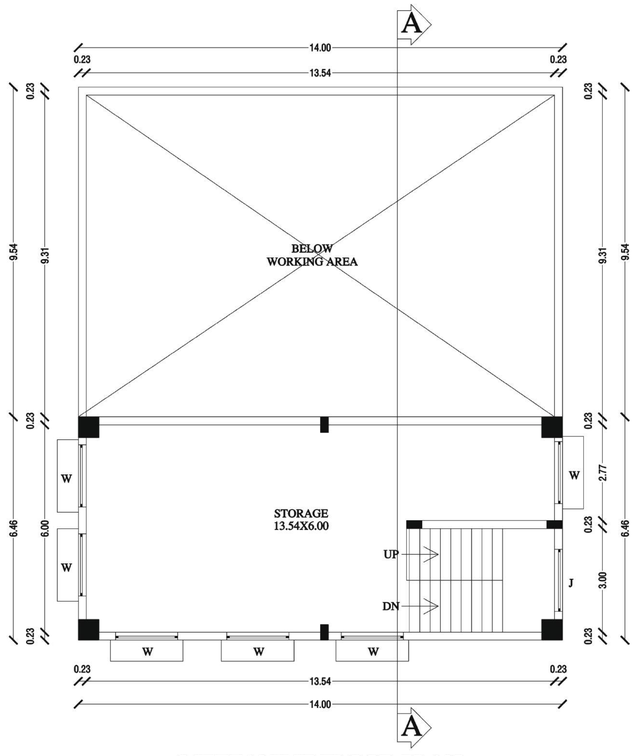


SOLAR WATER HEATING SYSTEM

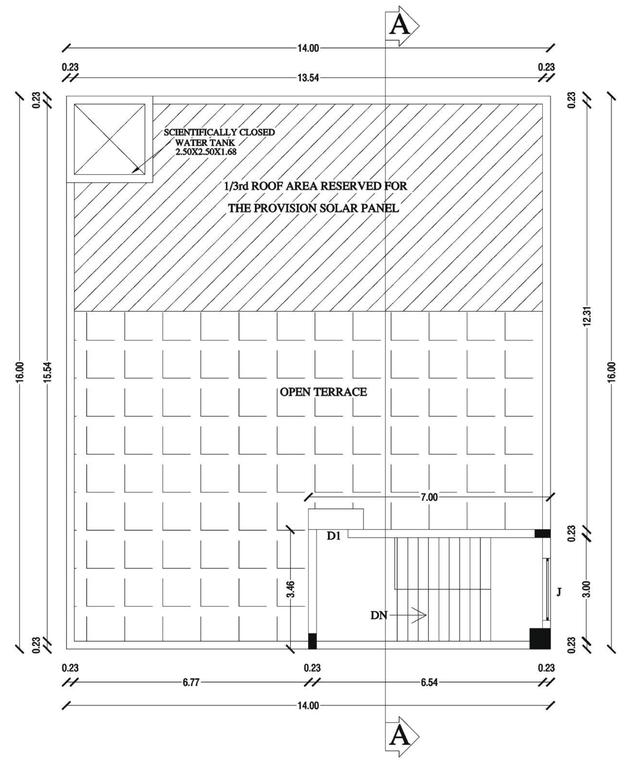
SCALE-1:30



GROUND FLOOR PLAN



MEZZANINE FLOOR PLAN



TERRACE FLOOR PLAN

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING AT PLOT NO:E 51, "TANSIDCO INDUSTRIAL ESATE ALATHUR PHASE-II, IN S.NO:237/5 (PART), OF ALATHUR VILLAGE, THIRUPORUR PANCHAYAT UNION, THIRUPORUR TALUK, CHENGALPET DISTRICT.

FOR.M/s.MICRO MECH INSTRUMENTS,
Mrs.M.RADHA

CATEGORY - WHITE
MANUFACTURING- LABORATORY WARE INCLUDING GLASS BLOWING
(AS PER TNCD & BR-2019, RULE-36, ANNEXURE-V & SL. NO-35)

LAYOUT PLAN WAS APPROVED:
APPROVAL NO:21/2020,
DATE:09/12/2020

NOTE:
WHERE ARE VENTILATION REQUIRED MECHANICAL VENTILATION PROVIDED
ALL DIMENSION ARE IN Mtr

SCALE:1:100

AREA DETAILS IN SQMT

PLOT AREA 500.00 SQMT

DESCRIPTION	FSI AREA Sqmts	NON FSI AREA Sqmts	TOTAL BUILTUP AREA Sqmts
GROUND FLOOR	224.00	-	224.00
MEZZANINE FLOOR	90.44	-	90.44
SEPTIC TANK	-	4.92	4.92
SUMP	-	4.92	4.92
TOTAL AREA	314.44	9.84	324.28

F.S.I. = 314.44 / 500.00 = 0.63

COVERAGE = 44.80%

JOINERIES

ROLLING SHUTTER	RS	3.50X3.00
ROLLING SHUTTER	RS1	3.00X3.00
DOOR	D	1.50X2.13
SLIDING DOOR	SD	1.20X2.13
DOOR	D1	0.91X2.13
DOOR	D2	0.76X2.13
DOOR	D3	1.60X2.13
WINDOW	W	1.83X1.52
VENTILATOR	V	0.76X0.76

COLOUR INDEX

PROPOSED
EXG.ROAD
SITE BOUNDARY

FE ▼ FIRE EXTINGUSHER
FA ▲ FIRE ALARM

PARKING DETAILS

PARKING	REQUIRED	PROVIDED
TWO WHEELER PARKING	07 Nos	14 Nos
CYCLE PARKING	07 Nos	16 Nos

SL. NO	NAME OF MACHINE	QTY	H.P	TOTAL H.P
1.	ARC WELDING MACHINE	2	1.00	2.00
2.	TIG WELDING MACHINE	2	5.00	10.00
3.	ALL GEAR LATHE MACHINE	1	1.00	1.00
4.	PILLAR DRILLING MACHINE	1	0.50	0.50
5.	ELECTRIC ANGLE GRINDERS	1	0.30	0.30
6.	ELECTRIC GRINDING MACHINE	1	0.50	0.50
7.	OTHERS		5.00	5.00
	TOTAL			19.30 HP

NO OF WORKERS:
GENTS - 15 NOs
LADIES - 10 NOs

For MICRO MECH INSTRUMENTS
M. Radha.
Proprietor

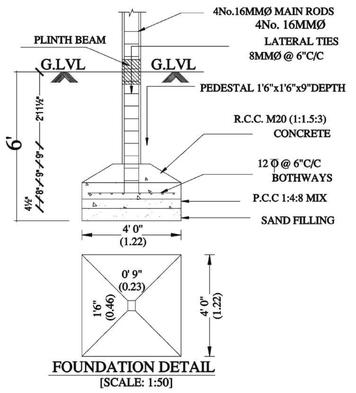
OWNER:

Er.A.SENTHIL KUMAR
M.Tech. (Struc), MIE, CE,
HAYDANS ENGINEERS
Registered Structural Engineer Grade 1
District Town & Country Planning
No.TVLR/RSE/Gr-1/2021/11/006

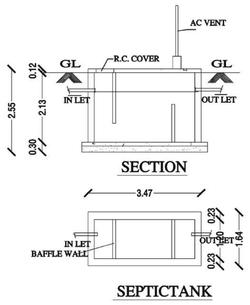
STRUCTURAL ENGINEER:

R. GANESAN, B.Tech.
REGISTERED ENGINEER (DTCP)
CGLDIST/RE/Gr-I/2024/09/009
ROYAL PLANNERS
No. 29/8, Phoenix Towers,
Venkatesan Street, West Tambaram,
Chennai - 600045. Ph: 044 - 2226 4216

REGISTERED ARCHITECT /REGISTERED ENGINEER:

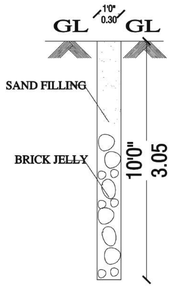


FOUNDATION DETAIL
[SCALE: 1:50]

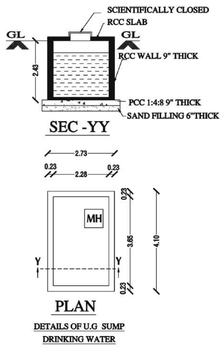


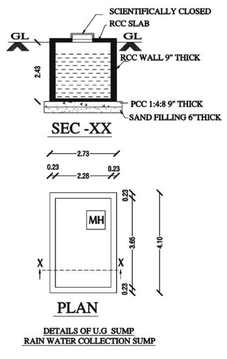
SECTION

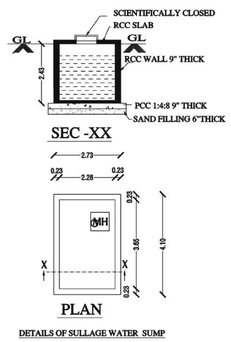
SEPTICTANK

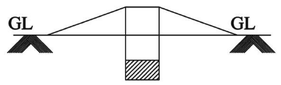


PERCOALATION PIT

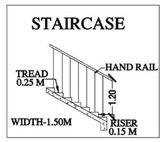


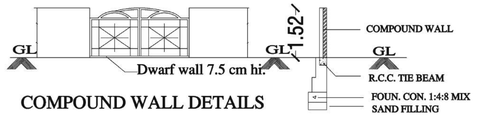






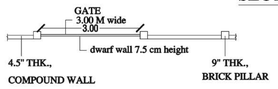
Dwarf Wall Details



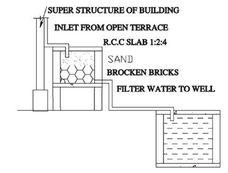


COMPOUND WALL DETAILS

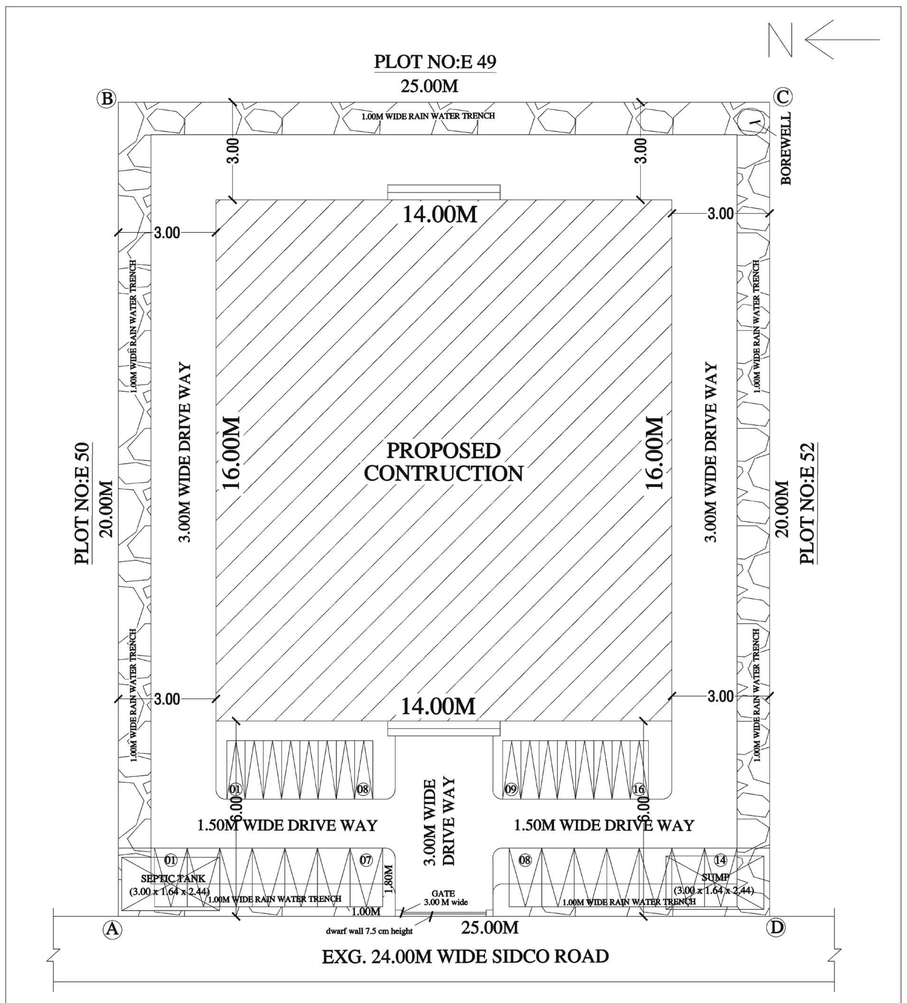
SECTION



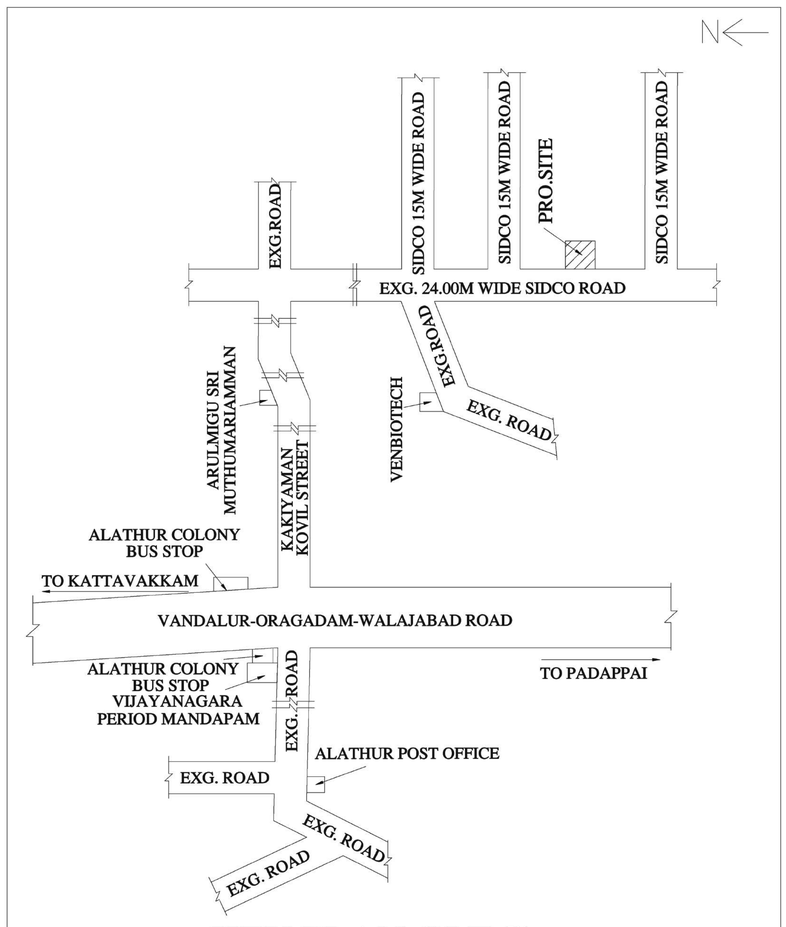
COMPOUND WALL PLAN



RAINWATER HARVESTING



SITE PLAN (SCALE 1:100)



KEY PLAN (N.T.S)

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING AT PLOT NO:E 51, "TANSIDCO INDUSTRIAL ESATE ALATHUR PHASE-II, IN S.NO:237/5 (PART), OF ALATHUR VILLAGE, THIRUPORUR PANCHAYAT UNION, THIRUPORUR TALUK, CHENGALPET DISTRICT.

FOR.M/s.MICRO MECH INSTRUMENTS,
Mrs.M.RADHA

CATEGORY - WHITE
MANUFACTURING- LABORATORY WARE INCLUDING GLASS BLOWING
(AS PER TNCD & BR-2019, RULE-36, ANNEXURE-V & SL. NO-35)

LAYOUT PLAN WAS APPROVED:
APPROVAL NO:21/2020,
DATE:09/12/2020

NOTE:
WHERE ARE VENTILATION REQUIRED MECHANICAL VENTILATION PROVIDED
ALL DIMENSION ARE IN Mtr

SCALE:1:100

AREA DETAILS IN SQMT

PLOT AREA 500.00 SQMT

DESCRIPTION	FSI AREA Sqmts	NON FSI AREA Sqmts	TOTAL BUILTUP AREA Sqmts
GROUND FLOOR	224.00	-	224.00
MEZZANINE FLOOR	90.44	-	90.44
SEPTIC TANK	-	4.92	4.92
SUMP	-	4.92	4.92
TOTAL AREA	314.44	9.84	324.28

F.S.I. = 314.44 / 500.00 = 0.63

COVERAGE = 44.80%

JOINERIES

ROLLING SHUTTER	RS	3.50X3.00
ROLLING SHUTTER	RS1	3.00X3.00
DOOR	D	1.50X2.13
SLIDING DOOR	SD	1.20X2.13
DOOR	D1	0.91X2.13
DOOR	D2	0.76X2.13
DOOR	D3	1.60X2.13
WINDOW	W	1.83X1.52
VENTILATOR	V	0.76X0.76

COLOUR INDEX

PROPOSED
EXG.ROAD
SITE BOUNDARY

FE ▼ FIRE EXTINGUSHER
FA ▲ FIRE ALARM

PARKING DETAILS

PARKING	REQUIRED	PROVIDED
TWO WHEELER PARKING	07 Nos	14 Nos
CYCLE PARKING	07 Nos	16 Nos

SL. NO	NAME OF MACHINE	QTY	H.P	TOTAL H.P
1.	ARC WELDING MACHINE	2	1.00	2.00
2.	TIG WELDING MACHINE	2	5.00	10.00
3.	ALL GEAR LATHE MACHINE	1	1.00	1.00
4.	PILLAR DRILLING MACHINE	1	0.50	0.50
5.	ELECTRIC ANGLE GRINDERS	1	0.30	0.30
6.	ELECTRIC GRINDING MACHINE	1	0.50	0.50
7.	OTHERS		5.00	5.00
	TOTAL			19.30 HP

NO OF WORKERS:
GENTS - 15 NOs
LADIES - 10 NOs

For MICRO MECH INSTRUMENTS
Proprietor

OWNER:

Er.A.SENTHIL KUMAR
M.Tech. (Struc), MIE, CE.
HAYDANS ENGINEERS
Registered Structural Engineer Grade 1
District Town & Country Planning
No.TVLR/RSE/Gr-1/2021/11/006

STRUCTURAL ENGINEER:

R. GANESAN, B.Tech.
REGISTERED ENGINEER (DTCP)
CGLDIST/RE/Gr-I/2024/09/009
ROYAL PLANNERS
No. 29/6, Phoenix Towers,
Venkatesan Street, West Tambaram,
Chennai - 600045. Ph: 044 - 2226 4216

REGISTERED ARCHITECT /REGISTERED ENGINEER:

SANITATION DETAILS

DESCRIPTION	FEMALE		MALE	
	Required	Available	Required	Available
WATER CLOSET	1 No	01 No	01 No	01 No
PHC TOILET	1 No	1 No	1 No	1 No
ABLUTION TAPS	4 Nos			

Signature Not Verified
Signed by: Thiruporur Panchayat Union
Location: Chengalpattu
Date: 2026.11.19 17:05:46