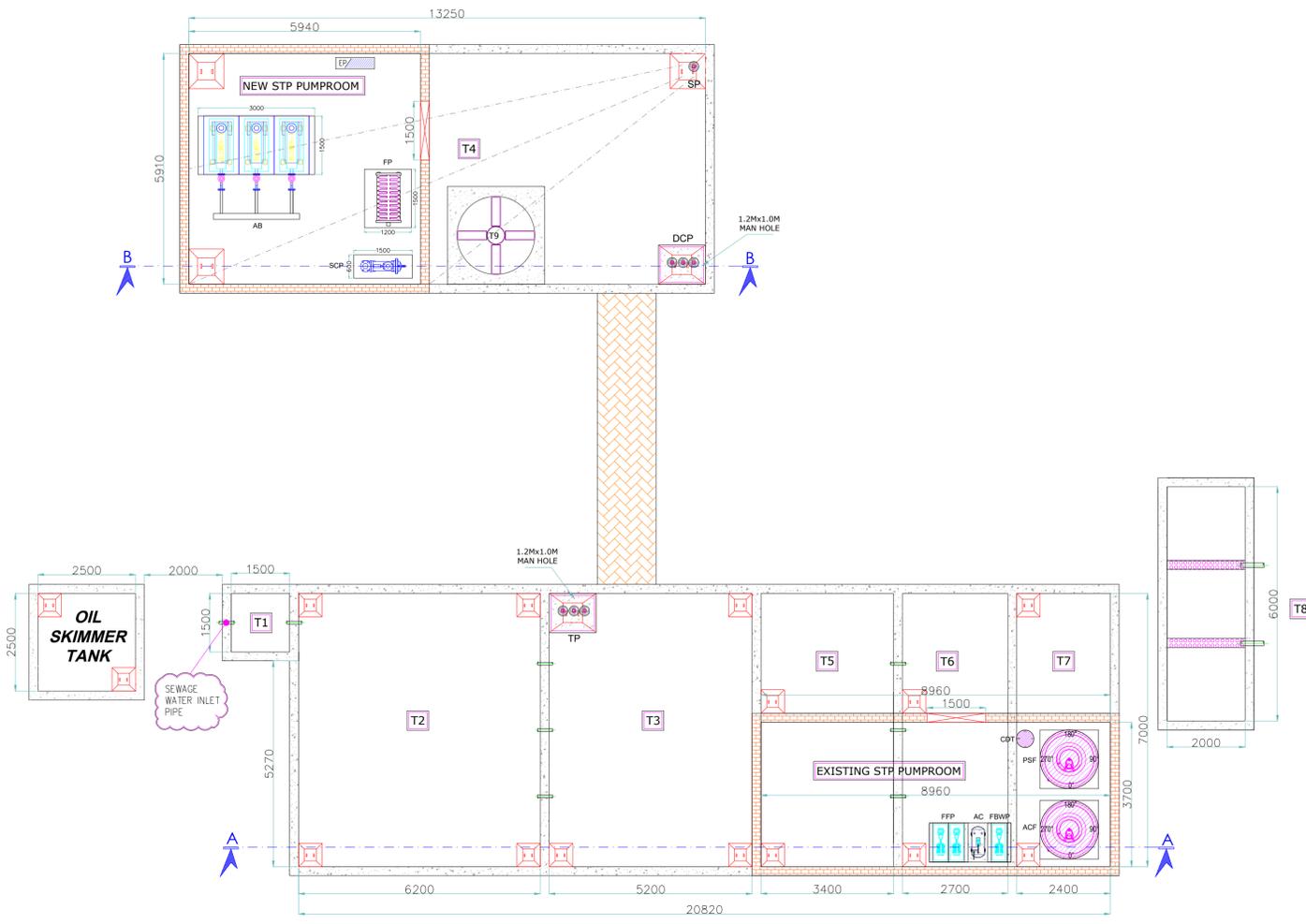


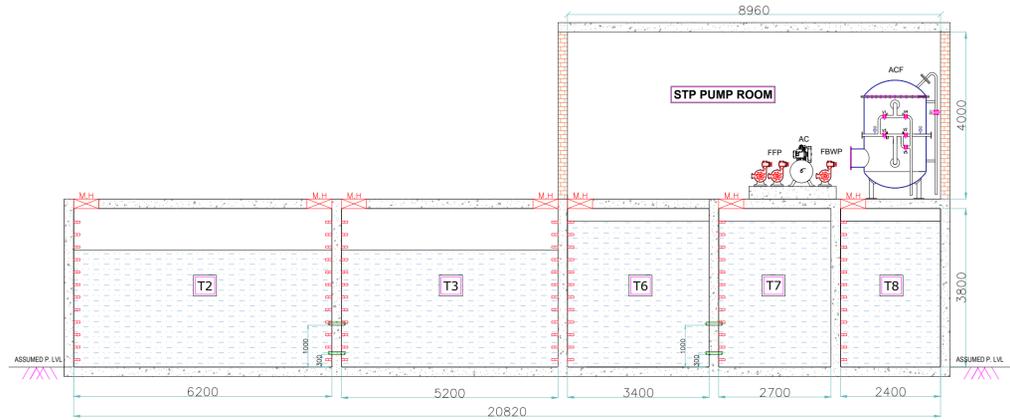
# STP - 350 KLD SBR

THIS DRAWING IS THE PROPERTY OF M/S.GREEN EARTH SYSTEMS PVT. LTD. AND IS NOT TO BE REPRODUCED, COPIED OR HANDED OVER TO A THIRD PARTY OR USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS INTENDED.

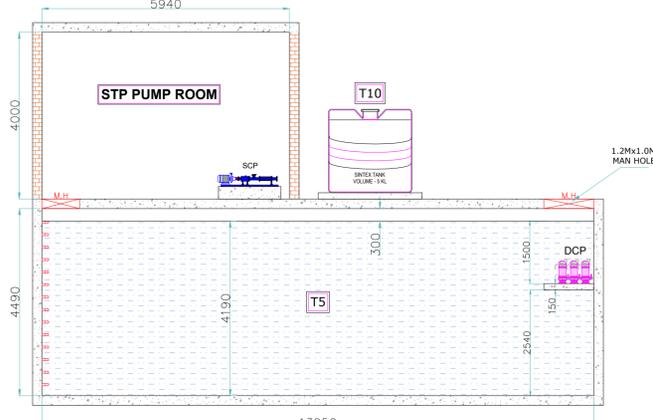


PLAN VIEW OF STP RCC PROCESS TANKS & PUMPROOM

STP PUMP ROOM EQUIPMENTS DETAILS			
S.NO.	TANKS	DESCRIPTION	BED SIZE
1	TP	TRANSFER PUMP-(2W+1S)-SUB	1.2Mx1.0Mx0.3M
2	DCP	DECANTING PUMP-(2W+1S)-SUB	1.2Mx1.0Mx0.3M
3	SP	SLUDGE PUMP-(1W)-SUB	0.6Mx0.6Mx---
4	AB	AIR BLOWER-(2W+1S)	3.0Mx1.5Mx0.3M
5	SP	SCREW PUMP	1.5Mx0.6Mx0.3M
6	FP	FILTER PRESS	2.5Mx2.0Mx0.3M
7	FFP	FILTER FEED PUMP-(1W+1S)- MONO	
8	FBWP	FILTER BACKWASH PUMP-(1W)-MONO	2.1Mx1.0Mx0.3M
9	AC	AIR COMPRESSOR	
10	PSF	PRESSURE SAND FILTER - MS	Ø1200x1500MM HOS
11	ACF	ACTIVATED CARBON FILTER - MS	Ø1200x1500MM HOS
12	CDP	CHEMICAL DOSING PUMP	Ø0.45M
13	EP	ELECTRIC PANEL - MS	1.0Mx0.3Mx1.4M



SECTION VIEW - "AA"

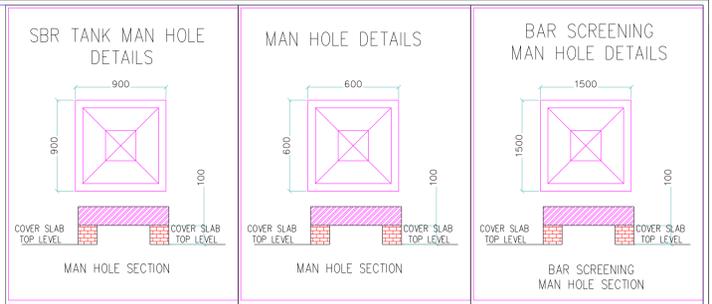


SECTION VIEW - "BB"

**NOTE:**

- THIS IS A PRELIMINARY DRAWING.
- THIS DRAWING DOES NOT HAVE ANY STRUCTURAL DETAILS.
- ALL DIMENSIONS ARE INNER MEASUREMENTS.
- ALL MANHOLES ARE 600mm X 600mm X 100mm INTL. SIZE.
- BAR SCREENING MAN HOLE ARE 900 X 900 X 100mm INTL. SIZE.
- WALL, SLAB THICKNESS TO BE DECIDED BY THE CIVIL CONTRACTOR.
- PROVIDE PVC RUNGS FOR ALL THE TANKS.
- ALL AIRVENT PIPES A1 ARE JUST BELOW THE COVER SLAB AND TO BE TAKEN TO INDIVIDUALLY.
- MANHOLES MAY CHANGE RESPECT TO THE SITE CONDITIONS. CIVIL WILL BE REQUIRED AT THE TIME OF STP INSTALLATION.
- THIS DRAWING DOES NOT HAVE ANY STRUCTURAL DETAILS. KINDLY REFER THE STRUCTURAL ENGINEER FOR REFERENCE.

TAG.NO	SPECIFICATION	TANK SIZES	VOLUME	QTY	MOC
T1	BAR SCREEN	1.5Mx1.5Mx1.0M	---	1 NO	RCC
T2	COLLECTION TANK - 1	6.2Mx7.0x3.8M-(INV LVL-1.0M)	122 KL	1 NO	RCC
T3	COLLECTION TANK - 2	5.2Mx7.0x3.8M-(FB-0.3M)	127 KL	1 NO	RCC
T4	SBR TANK NEW	13.25Mx5.9x4.49M-(FB-0.3M)	328 KL	1 NO	RCC
T5	DECANTING TANK - 1	3.4Mx7.0x3.8M-(FB-0.3M)	83 KL	1 NO	RCC
T6	DECANTING TANK - 2	2.7Mx7.0x3.8M-(FB-0.3M)	66 KL	1 NO	RCC
T7	TREATED WATER TANK	2.4Mx7.0x3.8M-(FB-0.3M)	59 KL	1 NO	RCC
T8	SLUDGE DRYING BED	2.0Mx2.0x2.0M	---	3NOS	BRICK
T9	SLUDGE HOLDING TANK	Ø2000 X 2000 MM HOS	5 KL	1 NO	SINTEX



NO.	DATE	DESCRIPTION

REVISION / ADDITION

NOTE:

PHE CONSULTANT

STRUCTURAL CONSULTANT

PROJECT ARCHITECH

PROJECT TITLE:  
SRI MOOKAMBIKA INSTITUTE OF MEDICAL SCIENCE VELAYUTHAM PILLAI MEMORIAL HOSPITAL COMPLEX PADANILAM, KULASEKHARAM KANYAKUMARI DISTRICT.

CLIENT  
SRI MOOKAMBIKA INSTITUTE OF MEDICAL SCIENCE VELAYUTHAM PILLAI MEMORIAL HOSPITAL COMPLEX PADANILAM, KULASEKHARAM KANYAKUMARI DISTRICT.

STP CONTRACTOR :



GREEN EARTH SYSTEMS PVT. LTD.  
PLOT No-48&49, RAMACHANDRA NAGAR,  
2nd MAIN STREET, GERUGAMBAKKAM, CHENNAI - 128.  
TELE : 24831922,24722168  
e-mail : info@greenearthsystems.co.in

DRAWING TITLE  
LAYOUT - SEWAGE TREATMENT PLANT - 350 KLD DETAILS OF STP PROCESS TANKS

JOB NO:	SCALE	DATE
JOBNO	NTS	29.04.2025
DRAWN	CHECKED BY	STATUS
ABSIEKH	SAKTHIVEL.A	1/1
REVISION NO:	DRAWING NO:	
REV2	180-20/21	
SHEET SIZE	A1	

