

STP - 350 KLD (EXISTING PLANT)

NOTE:
- ALL DIMENSIONS ARE IN MM
- ALL TANKS ARE BELOW GROUND LEVEL
- ALL PROCESS TANKS ARE RCC STRUCTURES
- DO NOT SCALE THIS DRAWING
- IF ANY DOU'T PLEASE ASK

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NO. DATE DESCRIPTION

REVISION / ADDITION

NOTE:

PHE CONSULTANT

STRUCTURAL CONSULTANT

PROJECT ARCHITECH

PROJECT TITLE:

SRI MOOGAMBIGAI INSTITUTE OF MEDICAL SCIENCE
VELAYUTHAM PILLAI MEMORIAL HOSPITAL COMPLEX
PADANILAM, KULASEKARAM
KANYAKUMARI DISTRICT.

CLIENT

SRI MOOGAMBIGAI INSTITUTE OF MEDICAL SCIENCE
VELAYUTHAM PILLAI MEMORIAL HOSPITAL COMPLEX
PADANILAM, KULASEKARAM
KANYAKUMARI DISTRICT.

STP CONTRACTOR :

Green Earth

GREEN EARTH SYSTEMS PVT. LTD.

PLOT No-48&49, RAMACHANDRA NAGAR,
2nd MAIN STREET, GERUGAMBAKKAM, CHENNAI - 128.

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RELEASED FOR ☒ PRELIMINARY ☐ TENDER ☐ INFORMATION ☐ APPROVAL ☐ EXECUTION

DRAWING TITLE

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

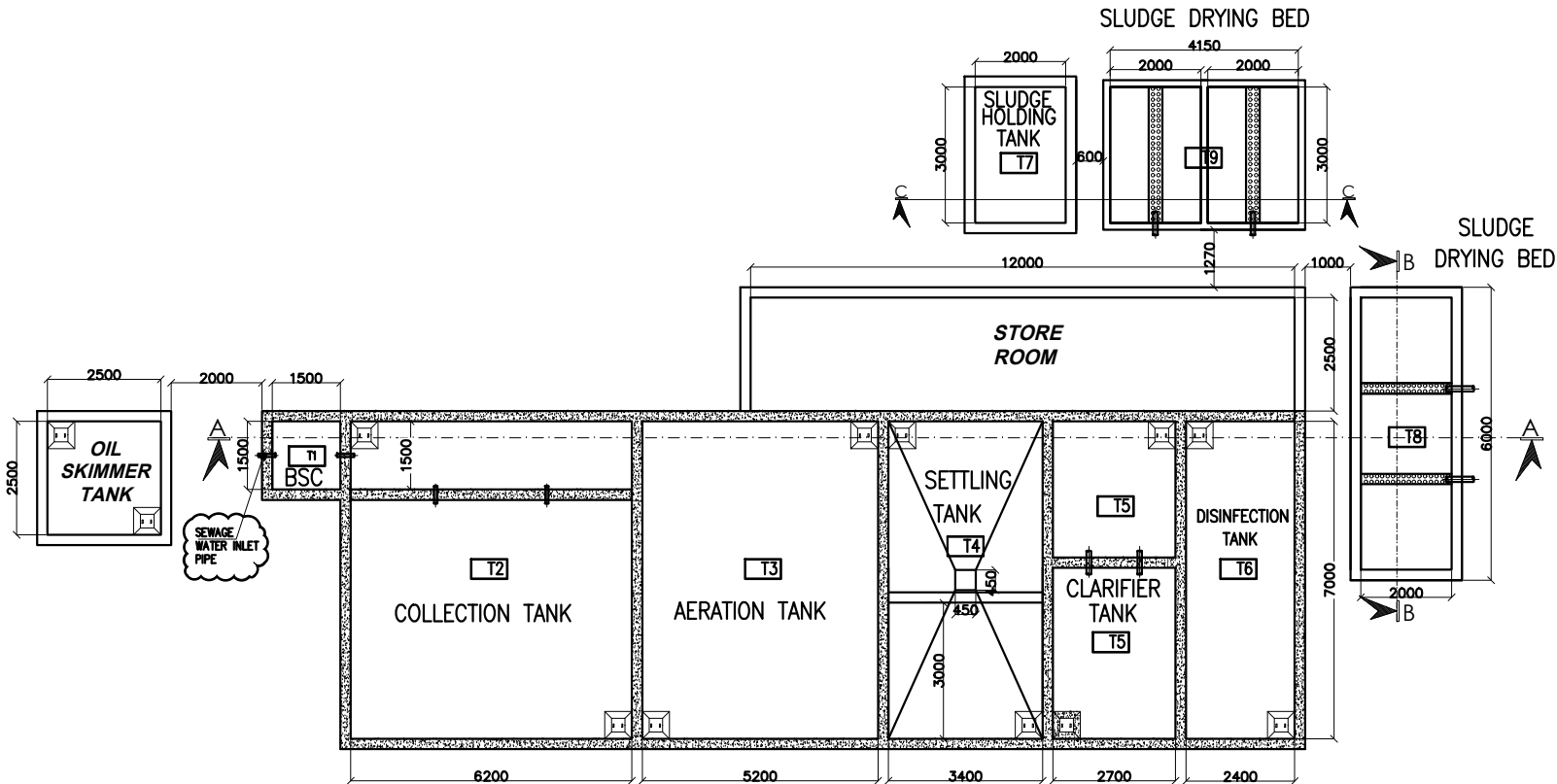
JOB NO: JOBNO SCALE: NTS DATE: 08.04.19

DRAWN: SRINIVAS.K CHECKED BY: SAKTHIVEL.K.S STATUS: 1/1

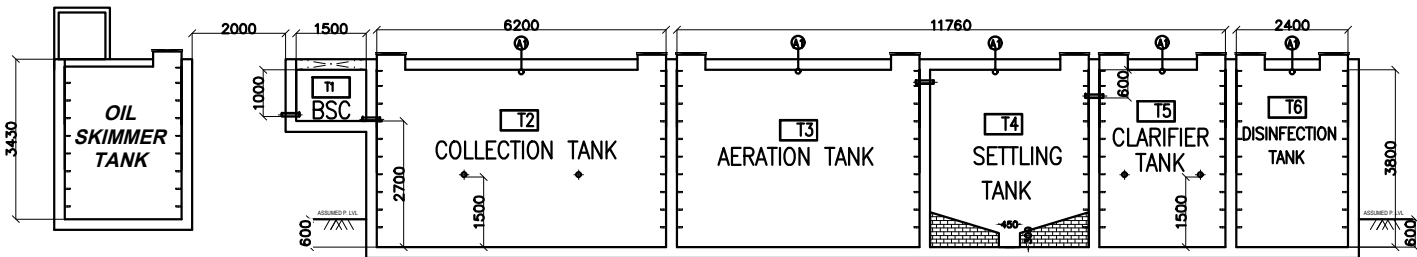
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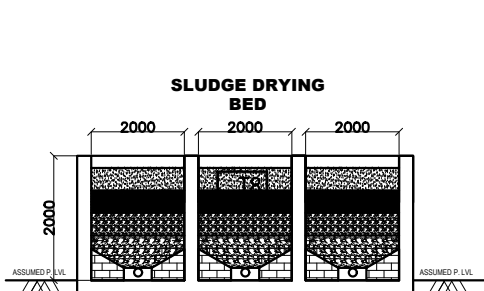
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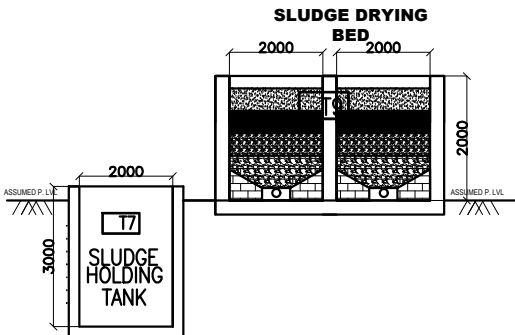
PLAN VIEW OF STP PROCESS TANKS



SECTION VIEW - 'AA'



SECTION VIEW - "BB"



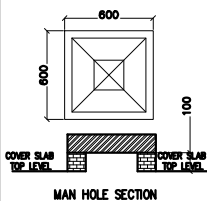
SECTION VIEW - "CC"

TAG.NO	SPECIFICATION	TANK SIZES	VOLUME	QTY	MOC
T1	BAR SCREEN	1.5Mx1.5Mx1.0M	---	1 NO	RCC
T2	COLLECTION TANK	6.2Mx7.0x3.8M-(INV LVL-1.0M)	117 KL	1 NO	RCC
T3	AERATION TANK	5.2Mx7.0x3.8M-(FB-0.3M)	127 KL	1 NO	RCC
T4	SETTLING TANK	3.4Mx7.0x3.8M-(FB-0.45M)	79 KL	1 NO	RCC
T5	CLARIFIER TANK	2.7Mx7.0x3.8M-(FB-0.45M)	63 KL	1 NO	RCC
T6	DISINFECTION TANK	2.4Mx7.0x3.8M-(FB-0.3M)	58 KL	1 NO	RCC
T7	SLUDGE HOLDING TANK	2.0Mx3.0x3.0M-(FB-0.3M)	16 KL	1 NO	RCC
T8	SLUDGE DRYING BED	2.0Mx2.0x2.0M	---	3 NO	BRICK
T9	SLUDGE DRYING BED	2.0Mx3.0x3.0M	---	2 NO	BRICK

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.

MAN HOLE DETAILS



BAR SCREENING MAN HOLE DETAILS

