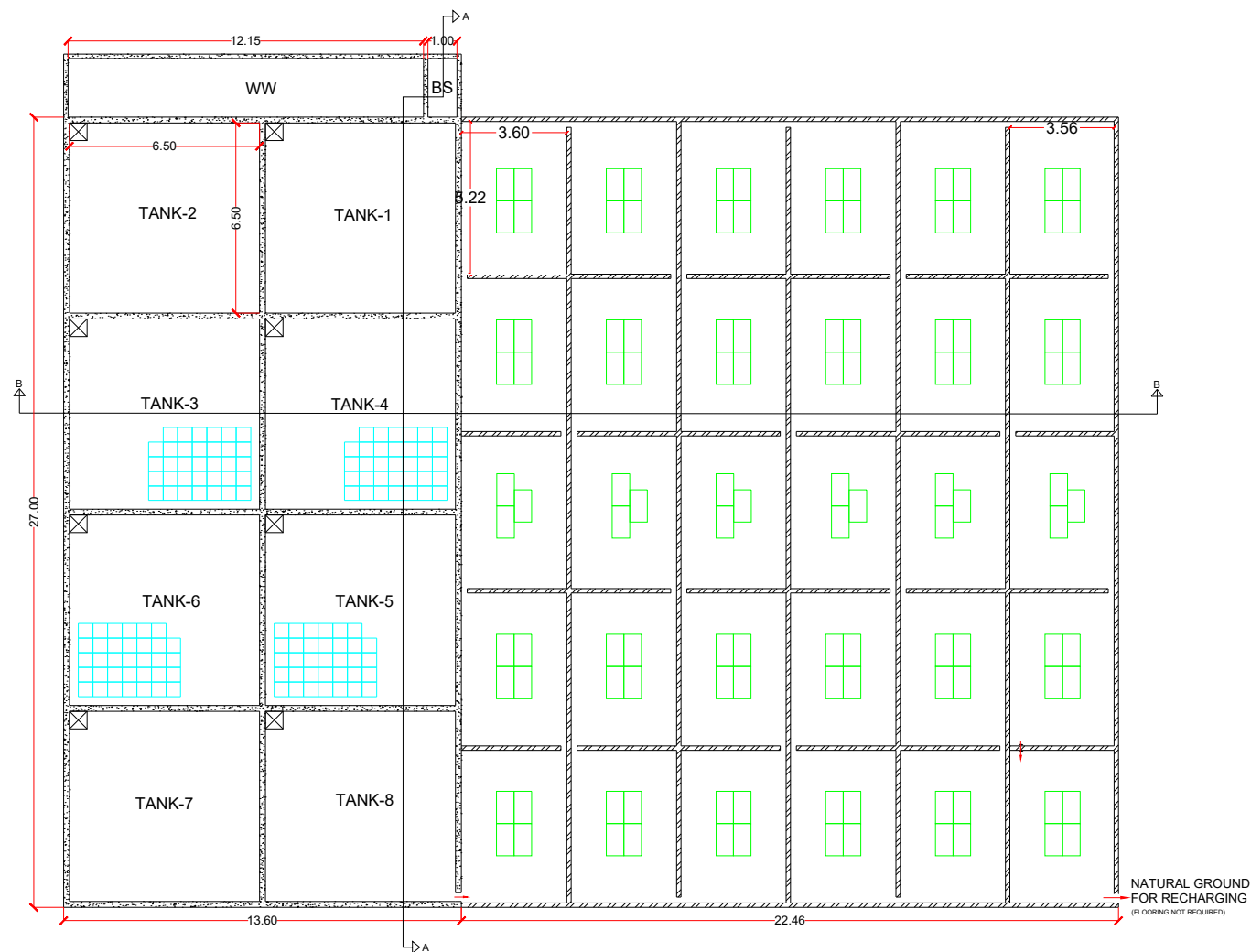
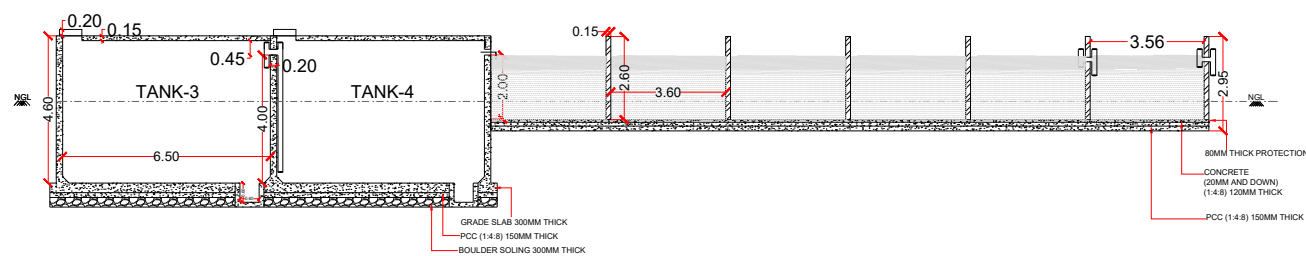


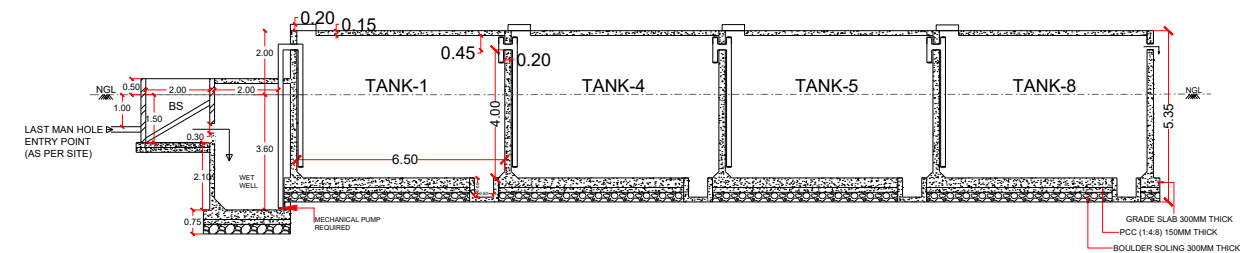
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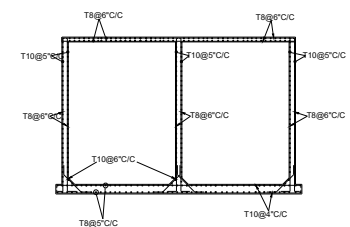
PLAN



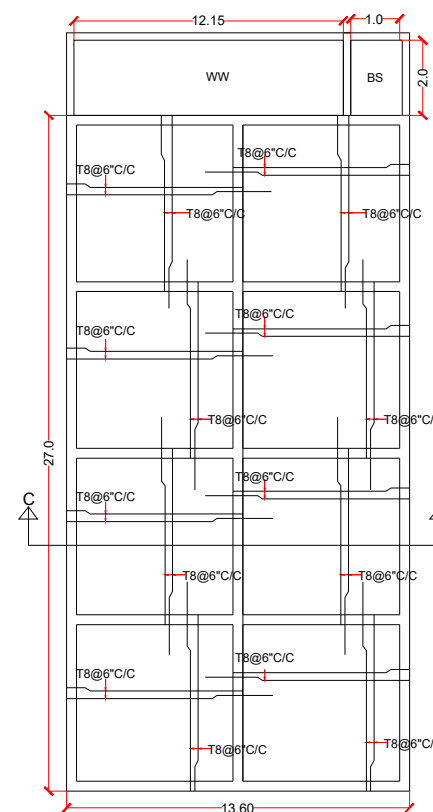
SECTION AT B-B



SECTION AT A-A



SECTION AT C-C

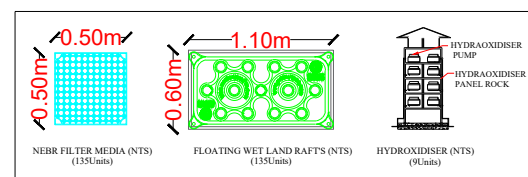
REINFORCEMENT
DETAILS

AREA - 29.20m X 36.10m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	6.50	6.50	4.00	169.0	8.0	1352.0
PHYTO REMEDIATION AREA						
1	5.22	3.60	2.00	37.58	25.0	939.60
1	5.22	3.56	2.00	37.16	5.0	185.83
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	12.15	2.0	3.60	87.48	1.0	87.48

NOTE -

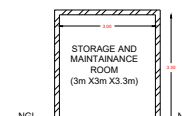
- WET WELL TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF BAR SCREEN.
- BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE GROUND LEVEL.



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

NOTE

- STP DRAWING
- STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
- TREATMENT METHOD : BIO CHEMICAL OXIDATION
- STP CAPACITY : 450 KLD
- PHYTORED METHODS
- FOR 675 HOUSES ONLY
- GRADE OF CONCRETE M30.
- GRADE OF STEEL Fe550.
- DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50xØ OF BAR
- CLEAR COVER FOR SLAB 20mm.
- 2-3KW POWER REQUIRED.
- STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (450 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-61

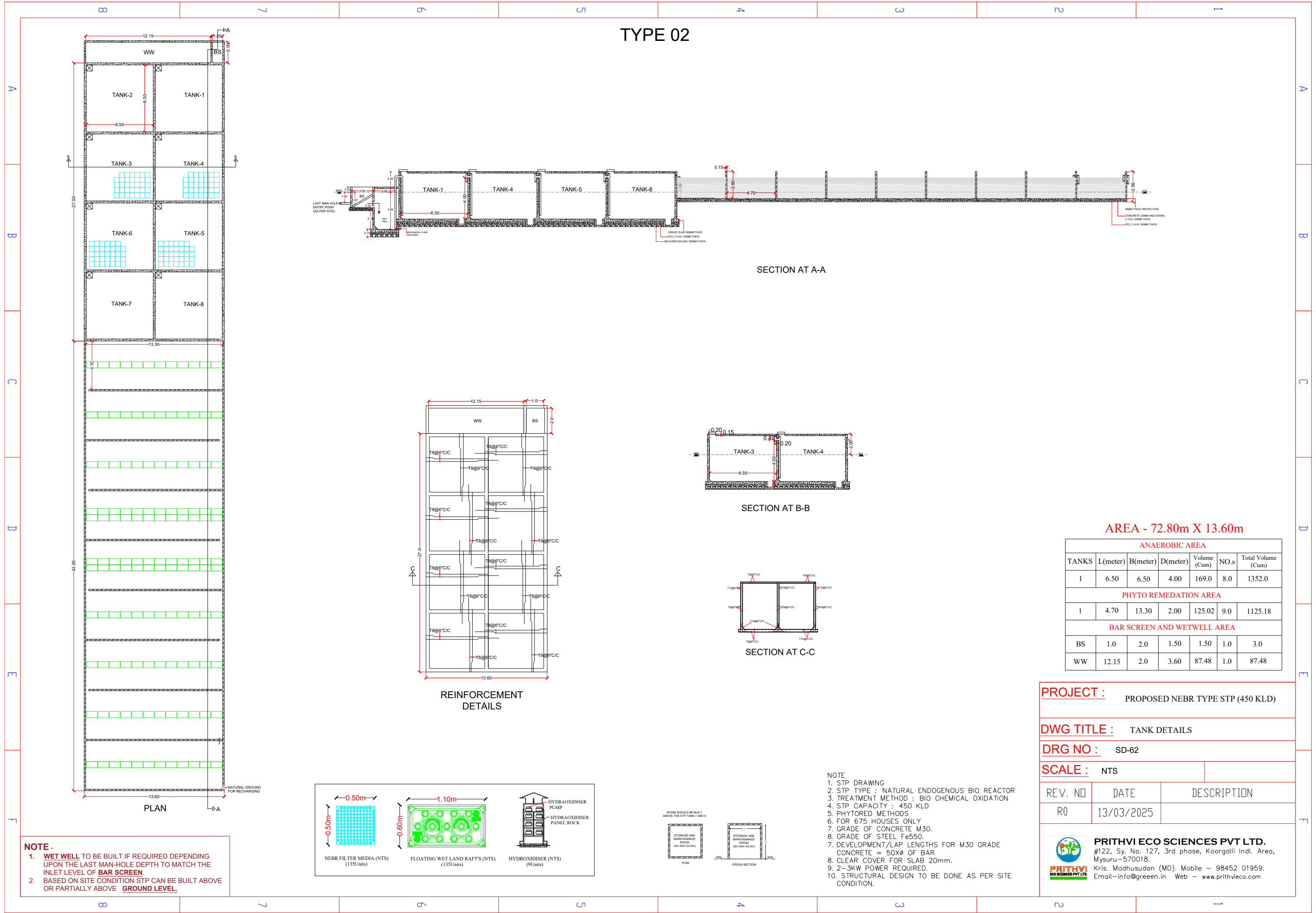
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



PRITHVI ECO SCIENCES PVT LTD.
#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area,
Mysuru-570018.
Kris. Madhusudan (MD). Mobile - 98452 01959.
Email-info@green.in Web - www.prithvieco.com

TYPE 02



PROJECT : PROPOSED NEBR TYPE STP (450 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-62

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



PRITHVI ECO SCIENCES PVT LTD.
#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area,
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TYPE 03

PLAN

SECTION AT A-A

REINFORCEMENT
DETAILS

SECTION AT C-C

SECTION AT B-B

AREA - 6.90m X 144.75m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	6.50	6.50	4.00	169.0	8.0	1352.0
PHYTO REMEDIATION AREA						
1	6.60	5.30	2.00	69.96	15.0	1049.40
1	6.60	5.75	2.00	75.90	1.0	75.90
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	3.0	1.0	3.0
WW	5.45	2.0	3.60	39.24	1.0	39.24

PROJECT : PROPOSED NEBR TYPE STP (450 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-63

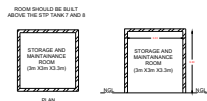
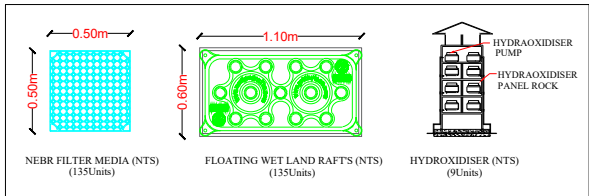
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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Kris. Madhusudan (MD). Mobile - 98452 01959.
Email-info@green.in Web - www.prithvieco.com

- NOTE -**
- WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 - BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



- NOTE**
- STP DRAWING
 - STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
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