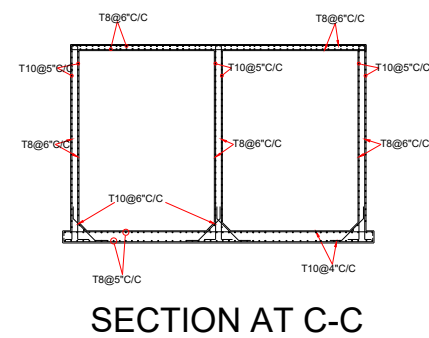
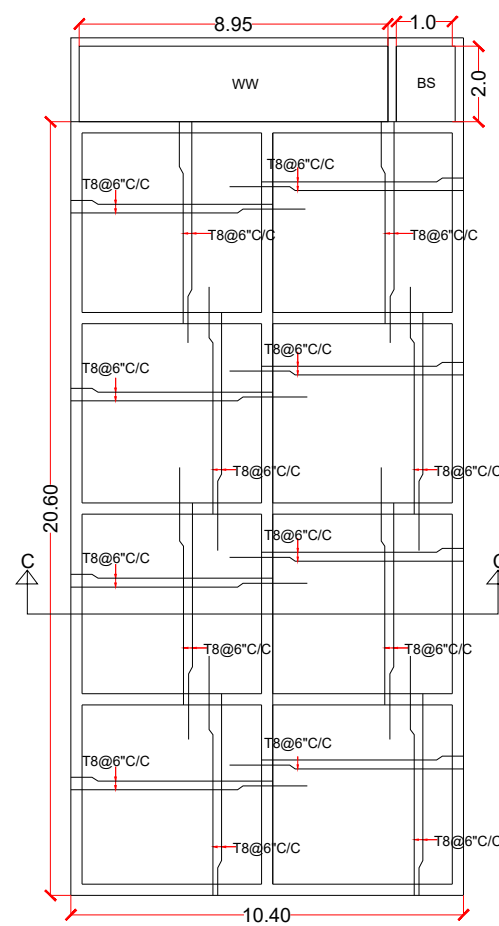
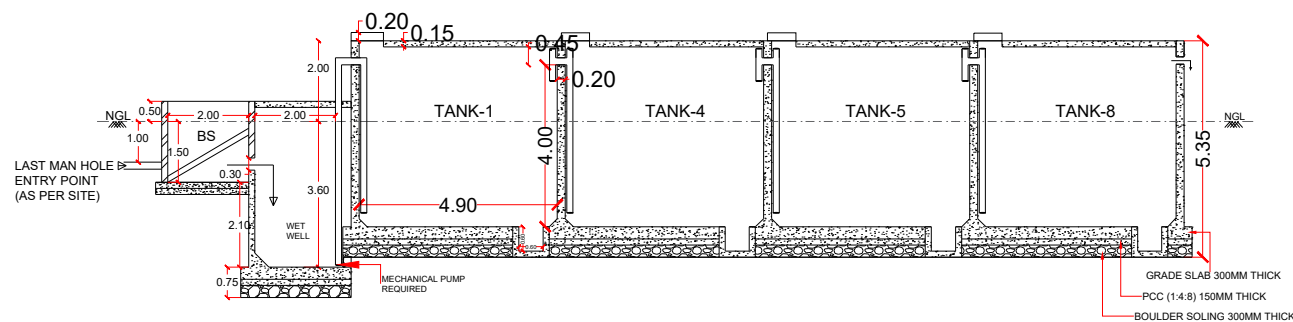
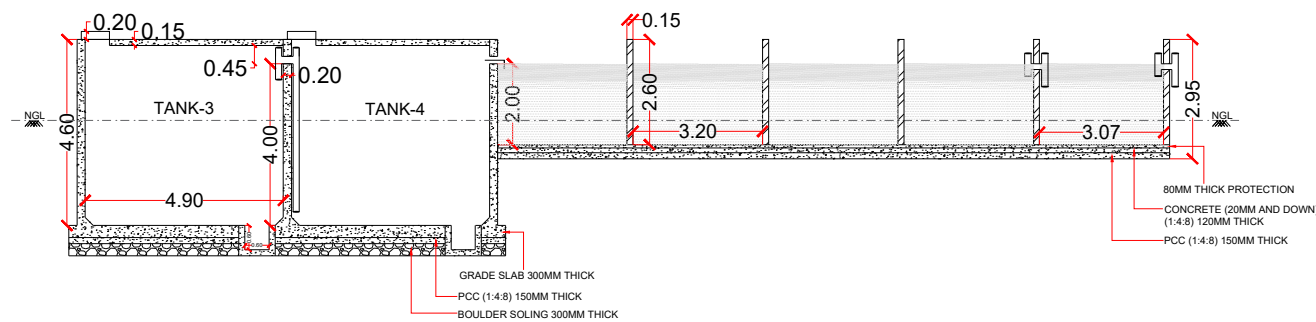
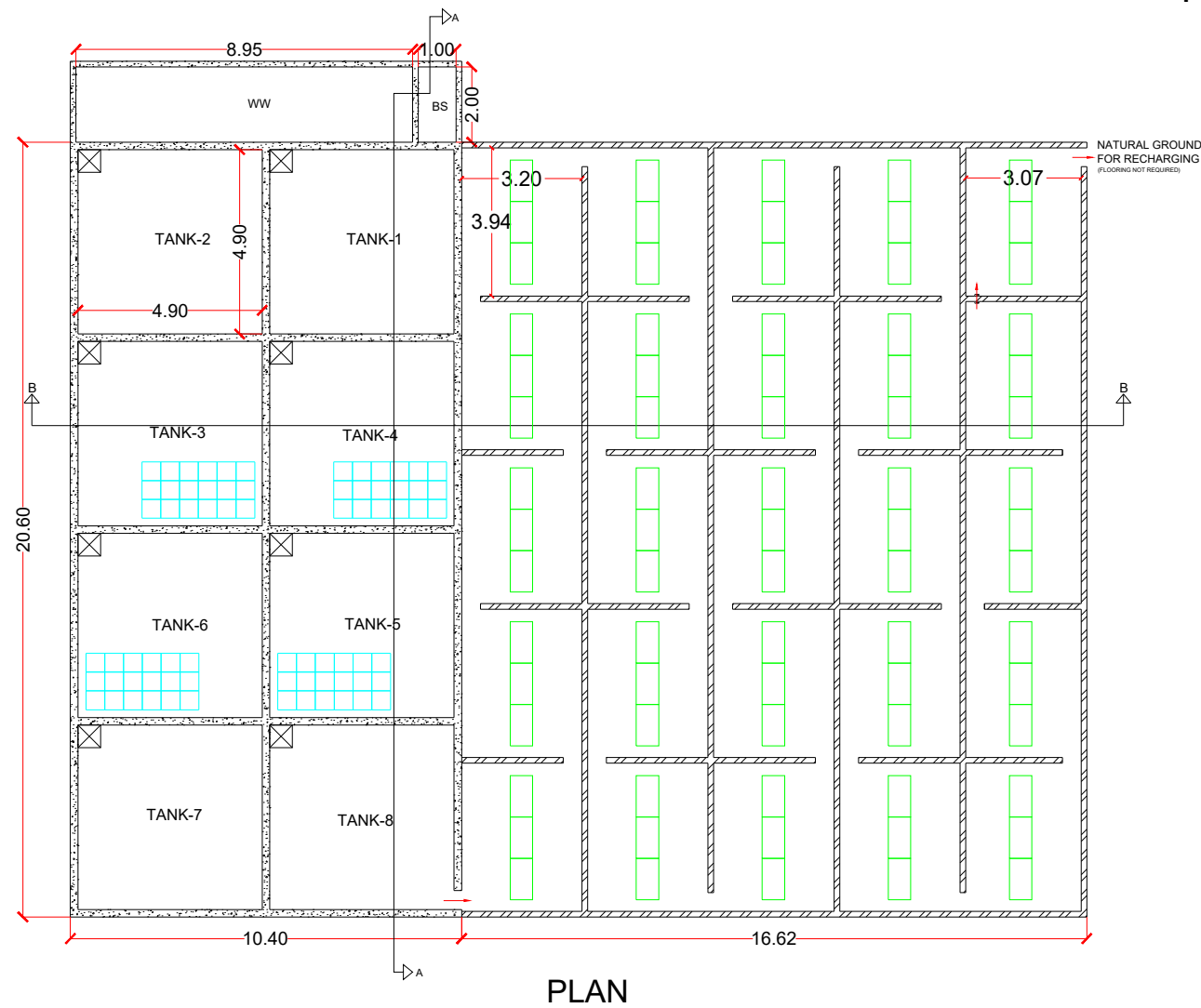


TYPE 01

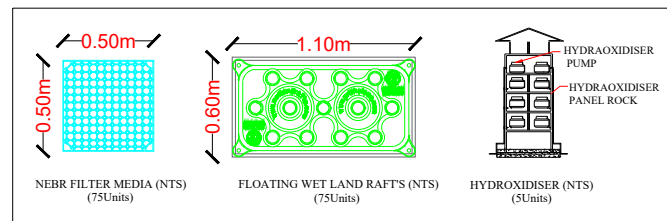


AREA - 22.75m X 27.02m

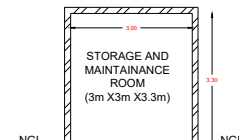
ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	4.90	4.90	4.00	96.04	8.0	768.32
PHYTO REMEDIATION AREA						
1	3.94	3.20	2.00	25.21	20.0	504.32
1	3.94	3.07	2.00	24.19	5.0	120.95
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	8.95	2.0	3.60	64.44	1.0	64.44

NOTE -

1. **WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
2. 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



- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 250 KLD
 5. PHYTORED METHODS
 6. FOR 375 HOUSES ONLY
 7. GRADE OF CONCRETE M30.
 8. GRADE OF STEEL Fe550.
 9. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
 10. CLEAR COVER FOR SLAB 20mm.
 11. 2-3KW POWER REQUIRED.
 12. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (250 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-49

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.
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Email-info@green.in Web - www.prithvieco.com

TYPE 03

PLAN

SECTION AT A-A

REINFORCEMENT
DETAILS

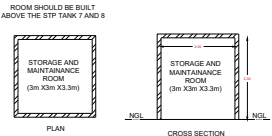
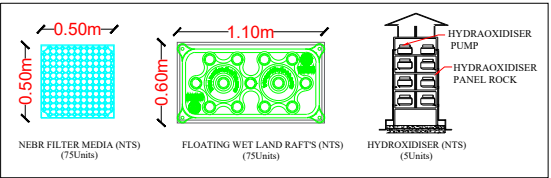
SECTION AT C-C

SECTION AT B-B

AREA - 5.30m X 107.75m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	4.90	4.90	4.00	96.04	8.0	768.32
PHYTO REMEDIATION AREA						
1	5.0	4.50	2.00	45.0	13.0	585.0
1	5.0	4.00	2.00	40.0	1.0	40.0
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	3.0	1.0	3.0
WW	3.85	2.0	3.60	27.72	1.0	27.72

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



- NOTE**
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 250 KLD
 5. PHYTOED METHODS
 6. FOR 375 HOUSES ONLY
 7. GRADE OF CONCRETE M30.
 8. GRADE OF STEEL Fe550.
 7. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
 8. CLEAR COVER FOR SLAB 20mm.
 9. 2-3KW POWER REQUIRED.
 10. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (250 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-51

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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