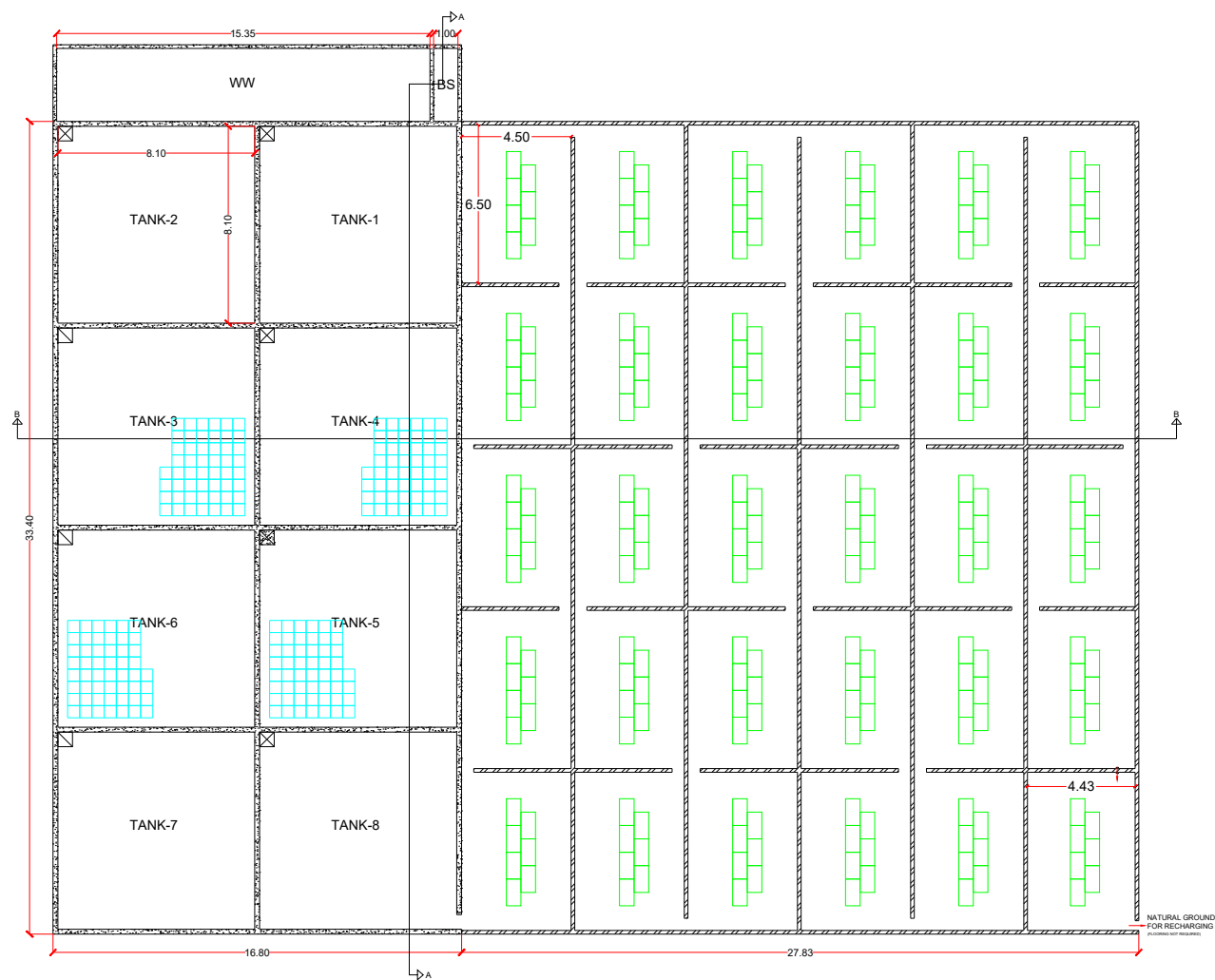
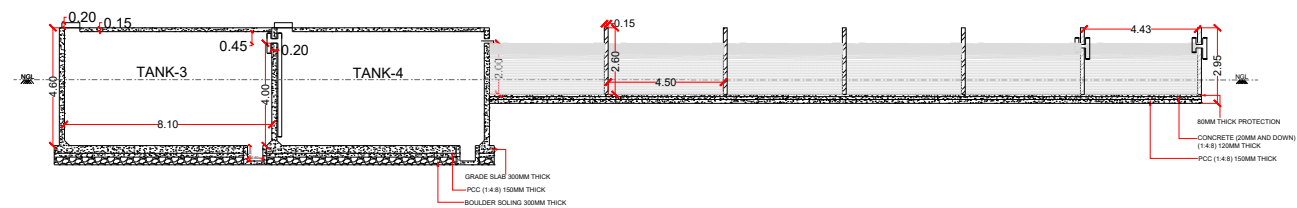


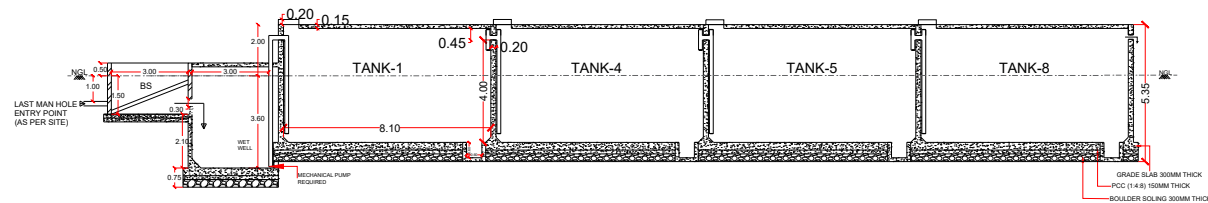
TYPE 01



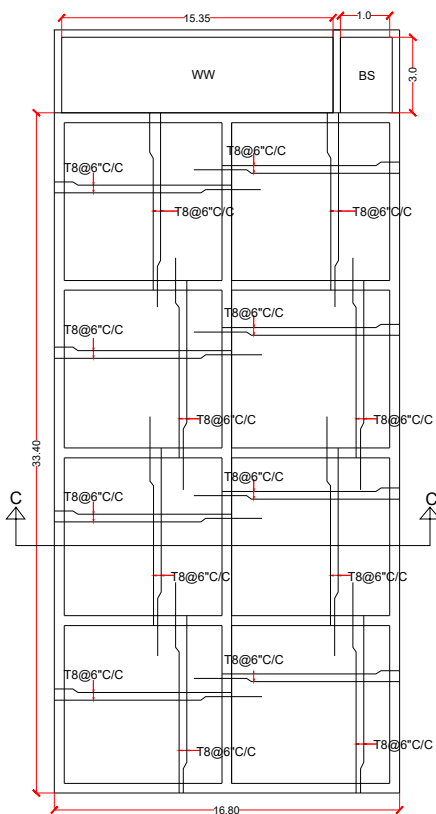
PLAN



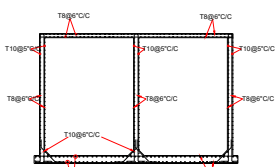
SECTION AT B-B



SECTION AT A-A



REINFORCEMENT
DETAILS

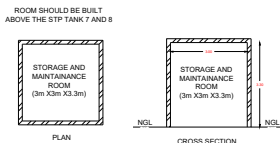
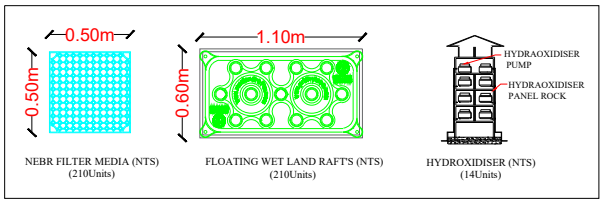


SECTION AT C-C

AREA - 36.55m X 44.63m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	8.10	8.10	4.00	262.44	8.0	2099.52
PHYTO REMEDIATION AREA						
1	6.50	4.50	2.00	58.50	25.0	1462.50
1	6.50	4.43	2.00	57.59	5.0	287.95
BAR SCREEN AND WETWELL AREA						
BS	1.0	3.0	1.50	1.50	1.0	4.50
WW	15.35	3.0	3.60	165.78	1.0	165.78

- 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 : 700 KLD
 5. PHYTORED METHODS
 6. FOR 1050 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. 3-6KW POWER REQUIRED.
 10. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (700 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-76

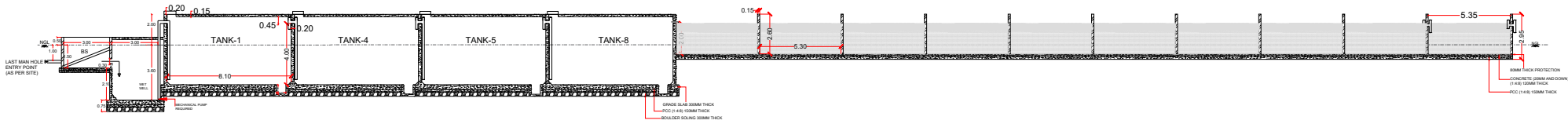
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

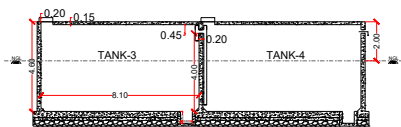


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Email-info@green.in Web - www.prithvieco.com

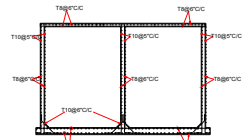
TYPE 02



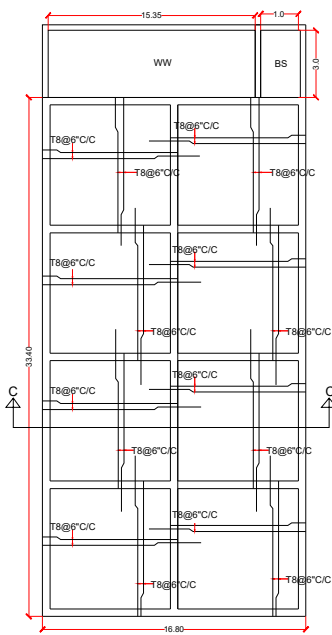
SECTION AT A-A



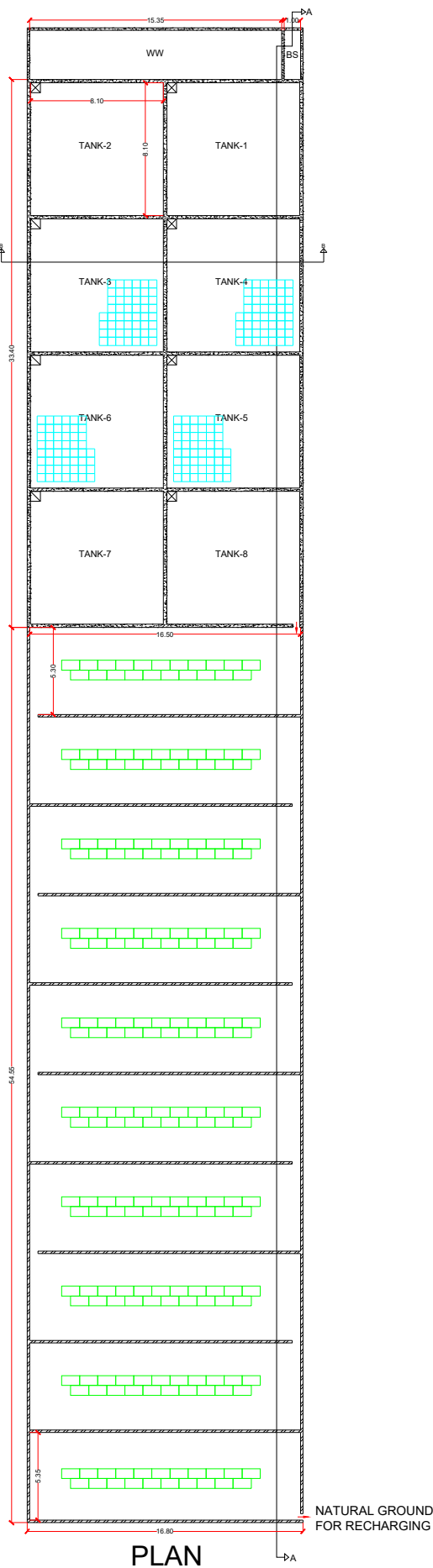
SECTION AT B-B



SECTION AT C-C

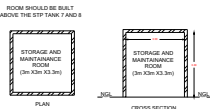
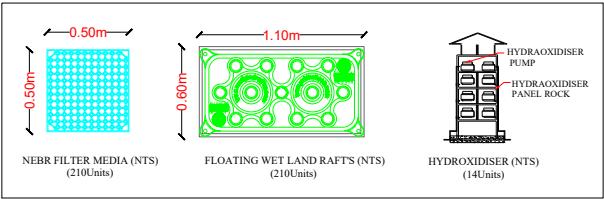


REINFORCEMENT
DETAILS



PLAN

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
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2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
4. STP CAPACITY : 700 KLD
5. PHYTORED METHODS
6. FOR 1050 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. 3-6KW POWER REQUIRED.
12. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

AREA - 91.10m X 16.80m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	8.10	8.10	4.00	262.44	8.0	2099.52
PHYTO REMEDIATION AREA						
1	5.30	16.50	2.00	174.90	9.0	1574.1
1	5.35	16.50	2.00	176.55	1.0	176.55
BAR SCREEN AND WETWELL AREA						
BS	1.0	3.0	1.50	1.50	1.0	4.50
WW	15.35	3.0	3.60	165.78	1.0	165.78

PROJECT : PROPOSED NEBR TYPE STP (700 KLD)

DWG TITLE : TANK DETAILS

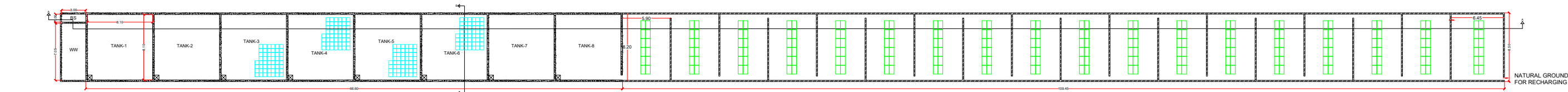
DRG NO : SD-77

SCALE : NTS

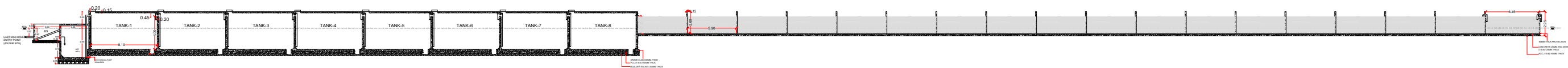
REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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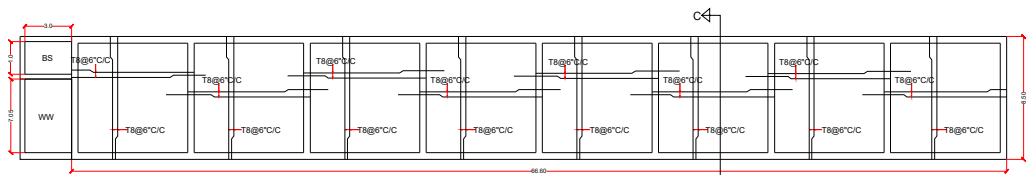
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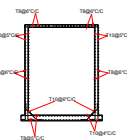
PLAN



SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C



SECTION AT B-B

AREA - 8.50m X 179.20m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	8.10	8.10	4.00	262.44	8.0	2099.52
PHYTO REMEDATION AREA						
1	8.20	5.90	2.00	96.76	17.0	1644.92
1	8.20	6.45	2.00	105.78	1.0	105.78
BAR SCREEN AND WETWELL AREA						
BS	1.0	3.0	1.50	3.0	1.0	4.5
WW	7.05	3.0	3.60	76.14	1.0	76.14

PROJECT : PROPOSED NEBR TYPE STP (700 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-78

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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NOTE -
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