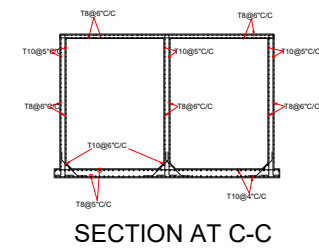
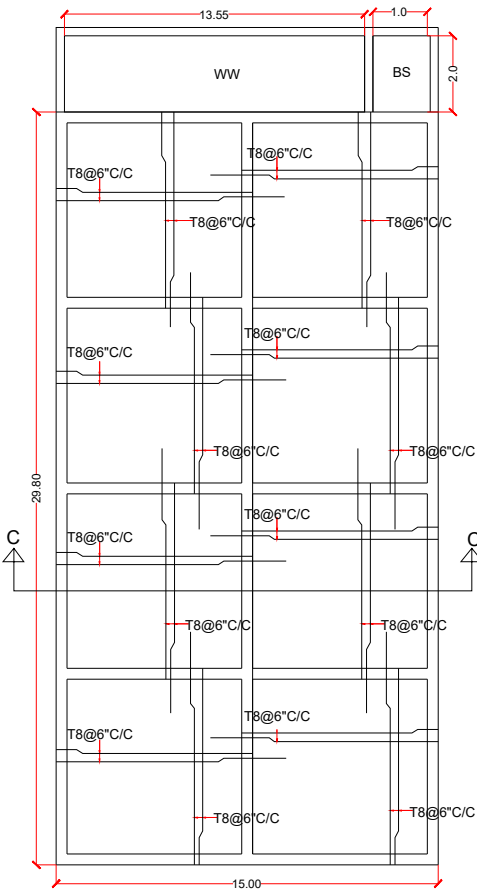
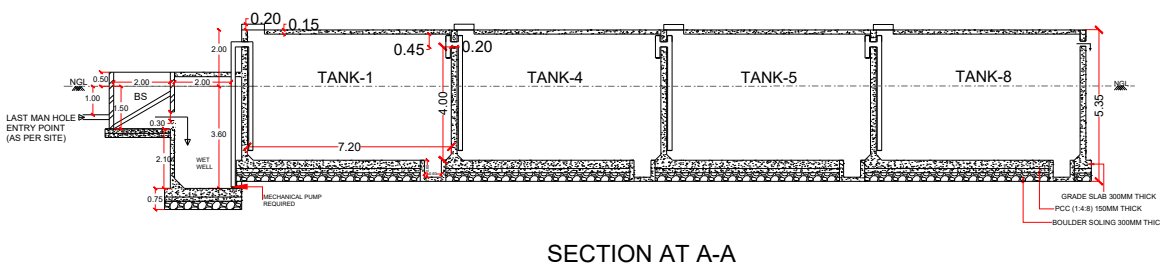
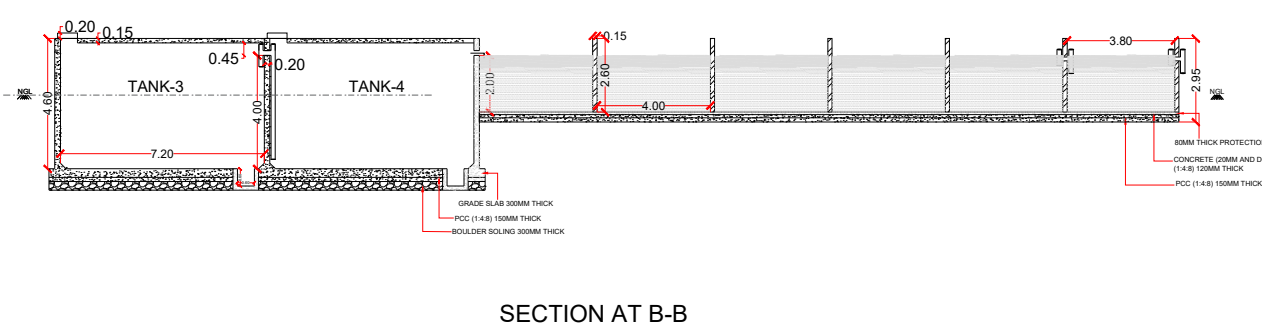
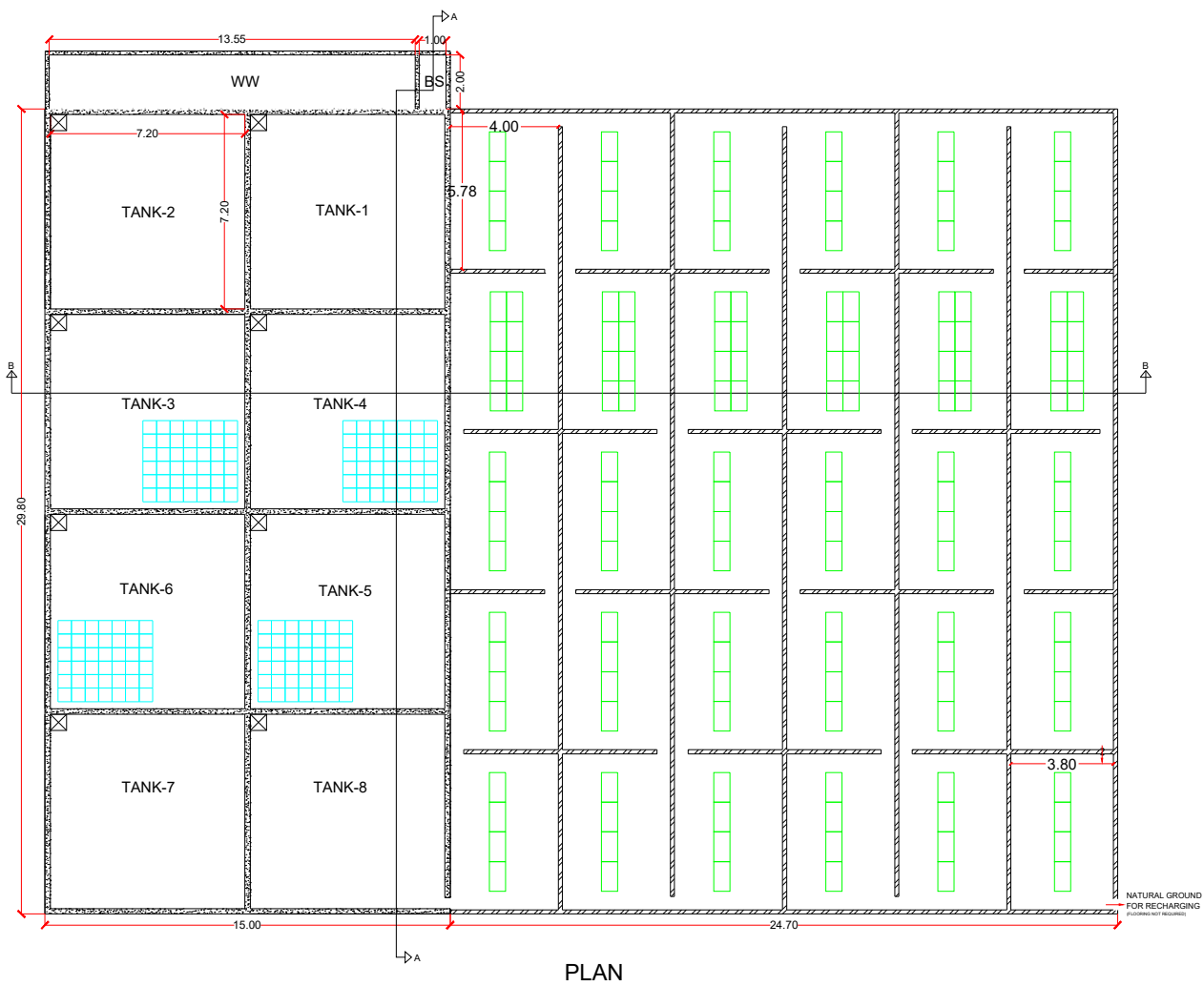


TYPE 01

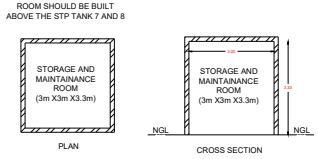
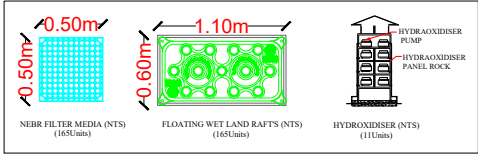


AREA - 31.95m X 39.70m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	7.20	7.20	4.00	207.36	8.0	1658.88
PHYTO REMEDIATION AREA						
1	5.78	4.00	2.00	46.24	25.0	1156.0
1	5.78	3.80	2.00	43.92	5.0	219.64
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	13.55	2.0	3.60	97.56	1.0	97.56

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 : 550 KLD
5. PHYTORED METHODS
6. FOR 825 HOUSES ONLY
7. GRADE OF CONCRETE M30.
8. GRADE OF STEEL Fe550.
9. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50X OF BAR
10. CLEAR COVER FOR SLAB 20mm.
11. 3-6KW POWER REQUIRED.
12. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (550 KLD)

DWG TITLE : TANK DETAILS

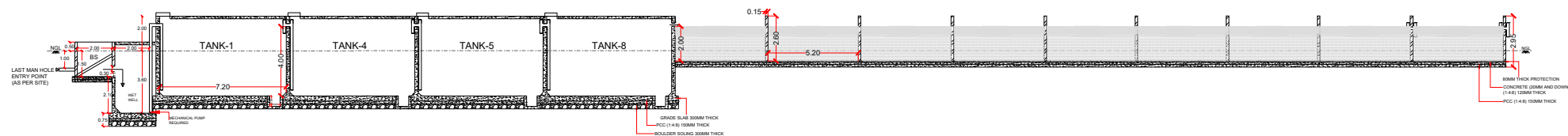
DRG NO : SD-67

SCALE : NTS

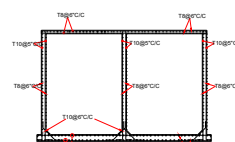
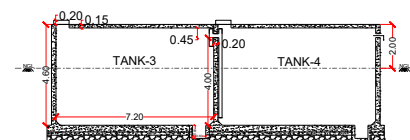
REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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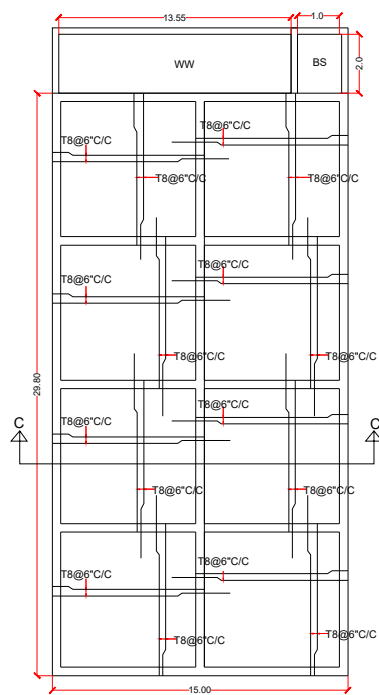
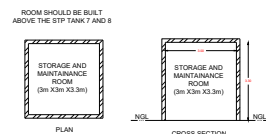
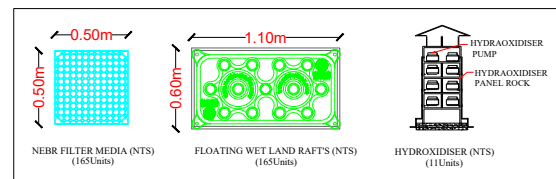
TYPE 02



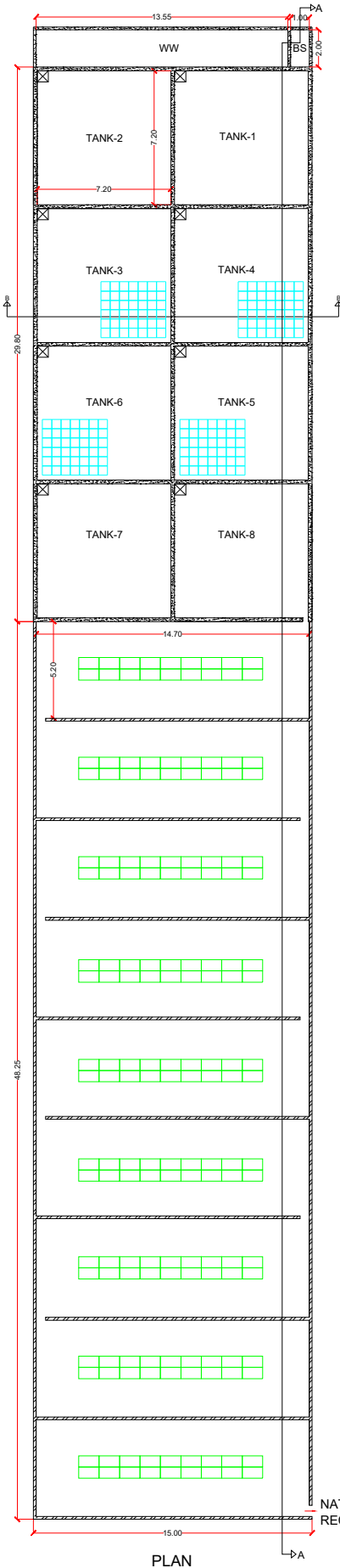
SECTION AT A-A



SECTION AT C-C

REINFORCEMENT
DETAILS

- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 550 KLD
 5. PHYTORED METHODS
 6. FOR 825 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.



PLAN

NATURAL GROUND FOR
RECHARGING

- 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**.

AREA - 80.20m X 15.0m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	7.20	7.20	4.00	207.36	8.0	1658.88
PHYTO REMEDATION AREA						
1	5.20	14.70	2.00	152.88	9.0	1375.92
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	13.55	2.0	3.60	97.56	1.0	97.56

PROJECT : PROPOSED NEBR TYPE STP (550 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-68

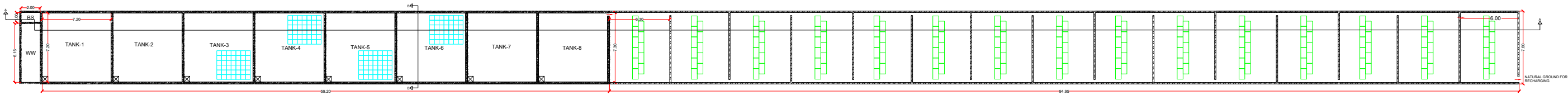
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

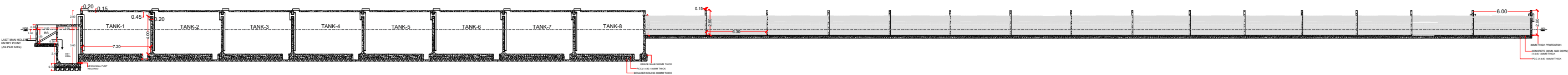


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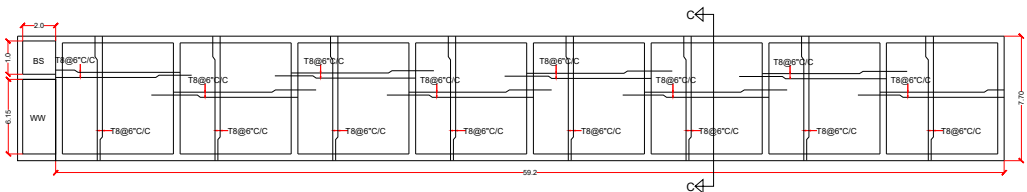
TYPE 03



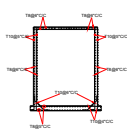
PLAN



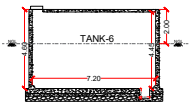
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C



SECTION AT B-B

AREA - 7.60m X 156.50m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	7.20	7.20	4.00	207.36	8.0	1658.88
PHYTO REMEDIATION AREA						
1	7.30	6.30	2.00	91.98	14.0	1287.72
1	7.30	6.00	2.00	87.60	1.0	87.60
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	3.0	1.0	3.0
WW	6.15	2.0	3.60	44.28	1.0	44.28

PROJECT : PROPOSED NEBR TYPE STP (550 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-69

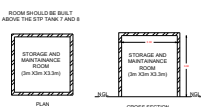
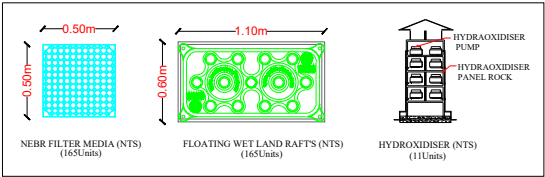
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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- 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
 - TREATMENT METHOD : BIO CHEMICAL OXIDATION
 - STP CAPACITY : 550 KLD
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 - FOR 825 HOUSES ONLY
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 - GRADE OF STEEL Fe550.
 - DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
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