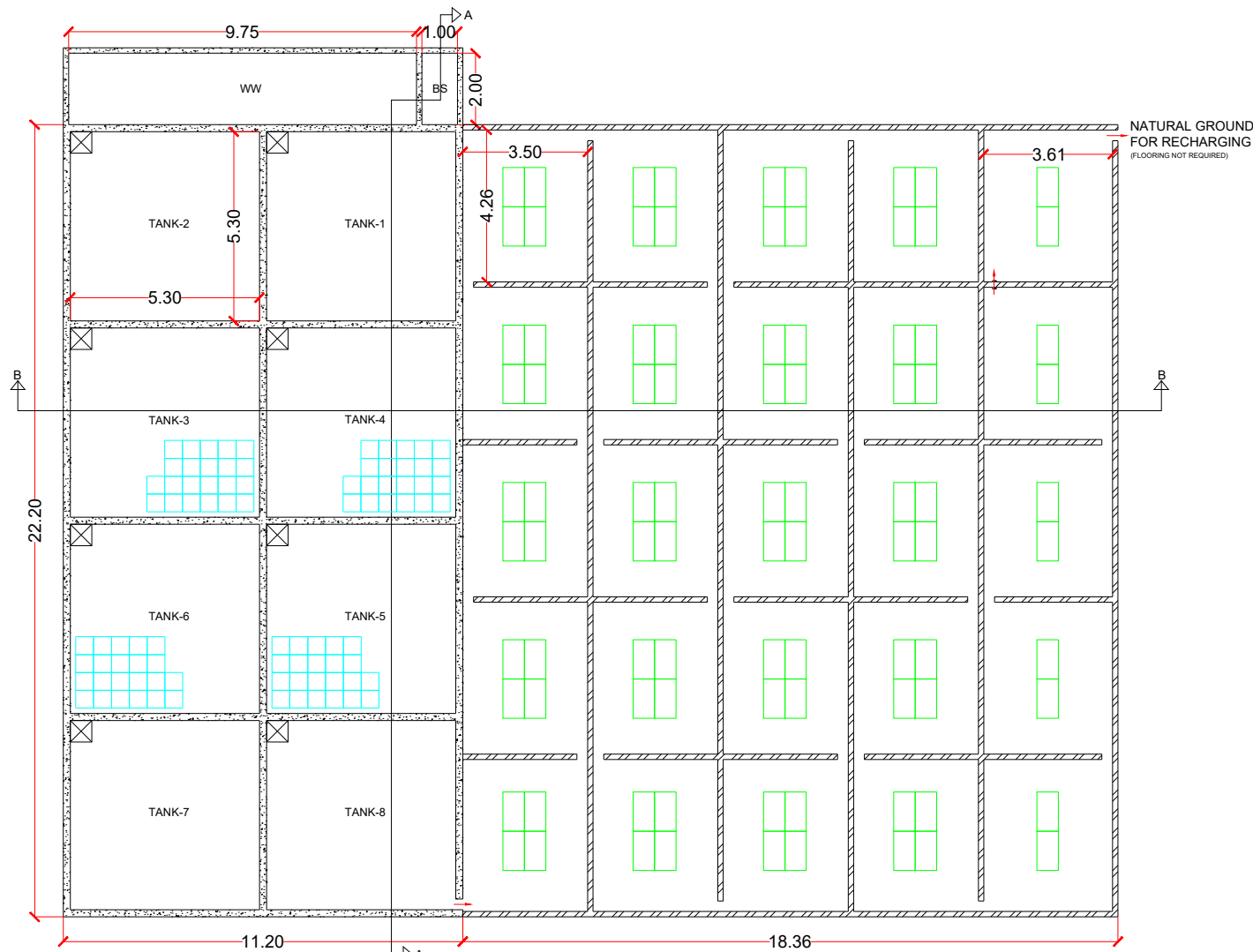
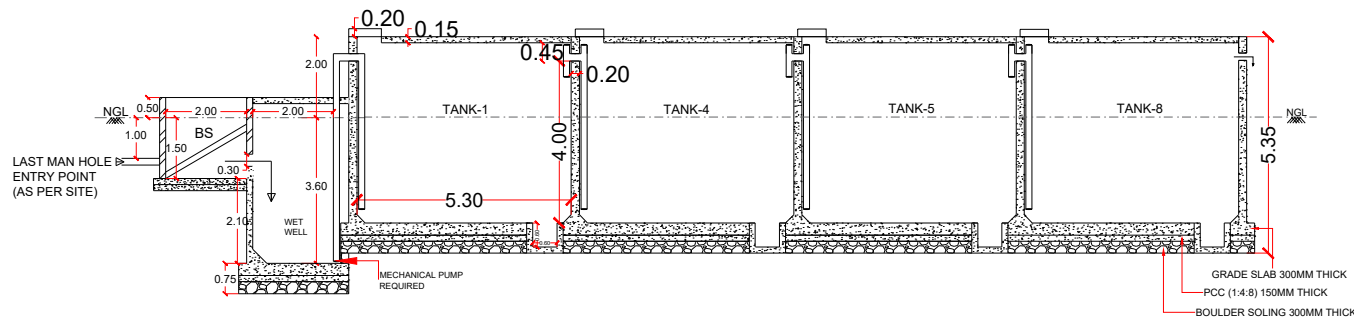


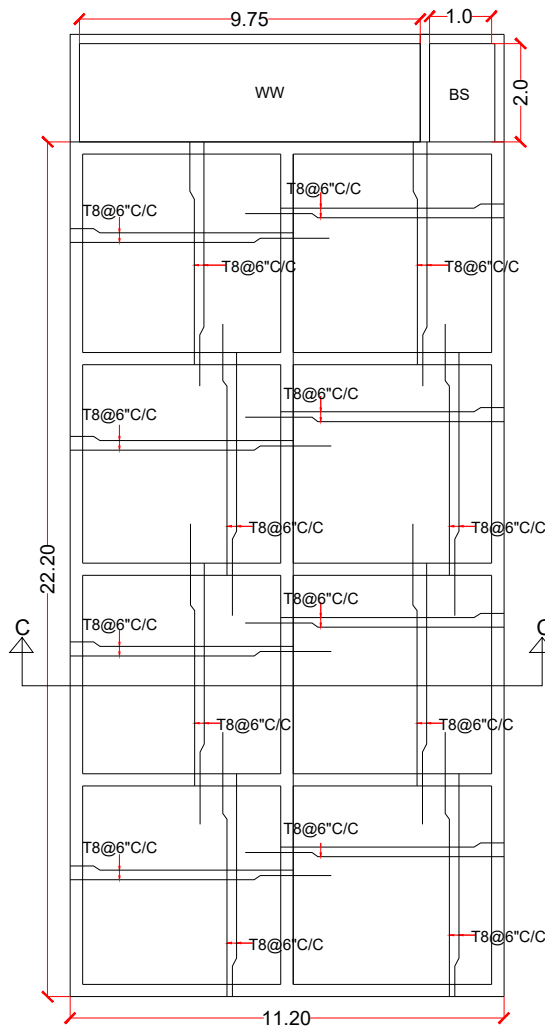
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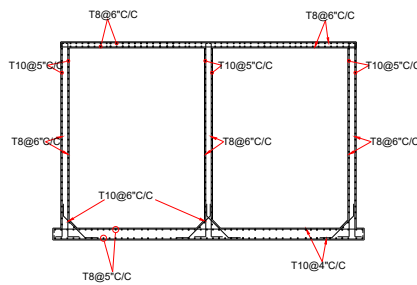
PLAN



SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C

AREA - 24.35m X 29.56m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	5.30	5.30	4.00	112.36	8.0	898.88
PHYTO REMEDIATION AREA						
1	4.26	3.50	2.00	29.82	20.0	596.40
1	4.26	3.61	2.00	30.75	5.0	153.78
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	9.75	2.0	3.60	70.20	1.0	70.20

PROJECT : PROPOSED NEBR TYPE STP (300 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-52

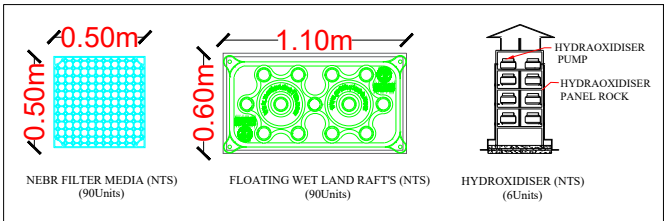
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area,
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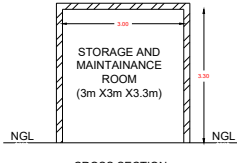
- NOTE -**
1. **WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 2. BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 300 KLD
 5. PHYTORED METHODS
 6. FOR 450 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.

NEBR FILTER MEDIA (NTS) (90Units)

0.50m

0.50m

1.10m

0.60m

HYDROXIDISER PUMP

HYDROXIDISER PANEL ROCK

HYDROXIDISER (NTS) (6Units)

STORAGE AND
MAINTAINANCE
ROOM
(3m X3m X3.3m)

Diagram of a Storage and Maintenance Room, 3m x 3m x 3.3m.

- NOTE
1. STP DRAWING
2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
4. STP CAPACITY : 300 KLD
5. PHYTORED METHODS
6. FOR 450 HOUSES ONLY
7. GRADE OF CONCRETE M30.
8. GRADE OF STEEL Fe550.
7. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50ϕ OF BAR
8. CLEAR COVER FOR SLAB 20mm.
9. 2-3KW POWER REQUIRED.
10. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	5.30	5.30	4.00	112.36	8.0	898.88
PHYTO REMEDIATION AREA						
1	4.30	10.90	2.00	93.74	7.0	656.18
1	4.31	10.90	2.00	94.04	1.0	94.04
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	9.75	2.0	3.60	70.20	1.0	70.20

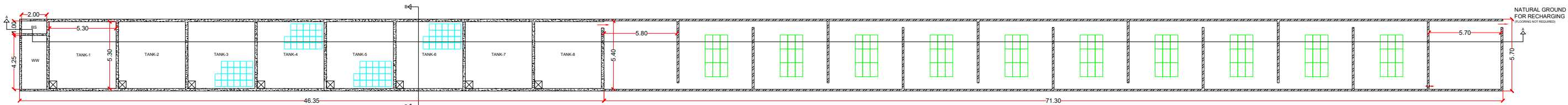
REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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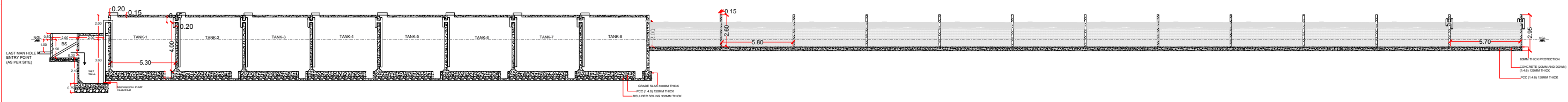
NOTE -

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**.

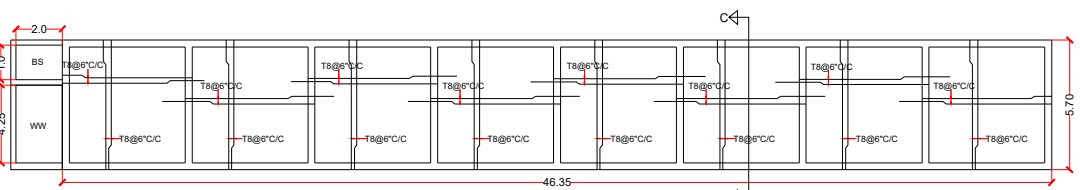
TYPE 03



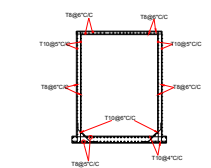
PLAN



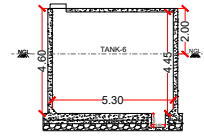
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C

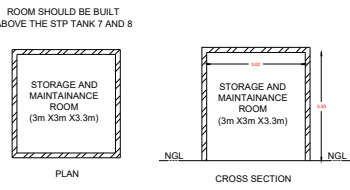
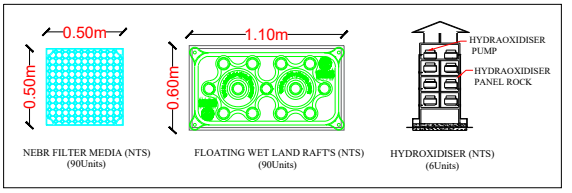


SECTION AT B-B

AREA - 5.70m X 119.80m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	5.30	5.30	4.00	112.36	8.0	898.88
PHYTO REMEDIATION AREA						
1	5.40	5.80	2.00	62.64	11.0	689.04
1	5.40	4.70	2.00	62.64	1.0	50.76
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	3.0	1.0	3.0
WW	4.25	2.0	3.60	30.60	1.0	30.60

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. 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 (300 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-54

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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