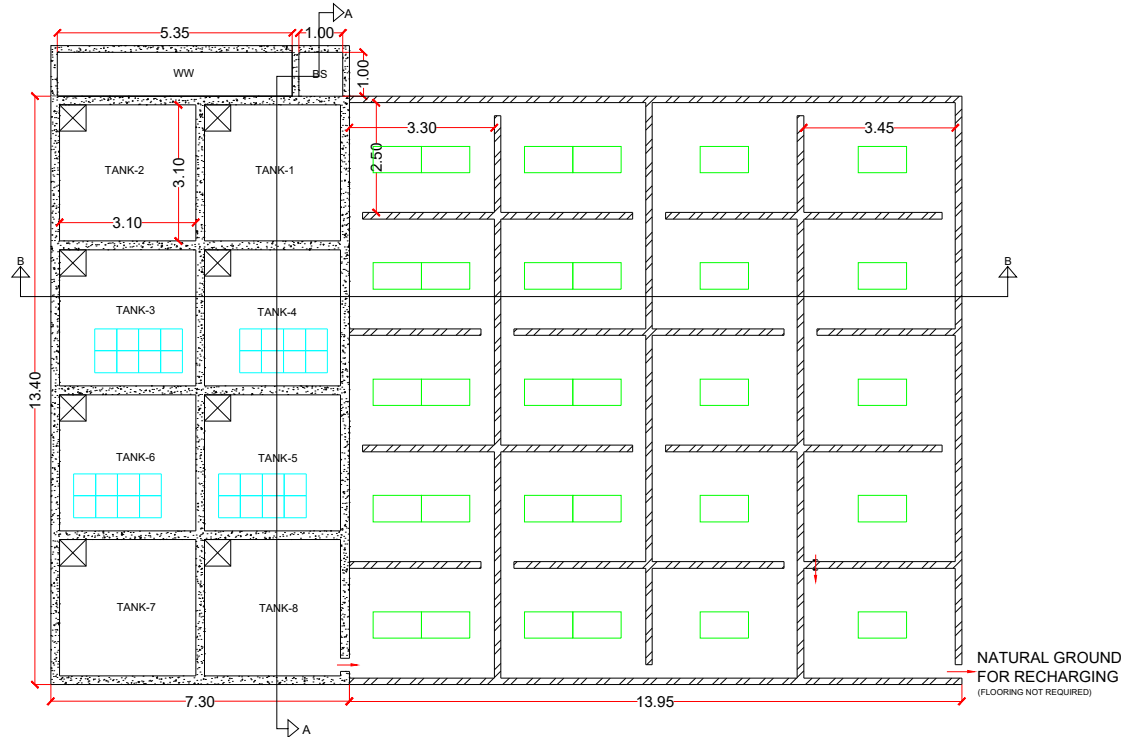
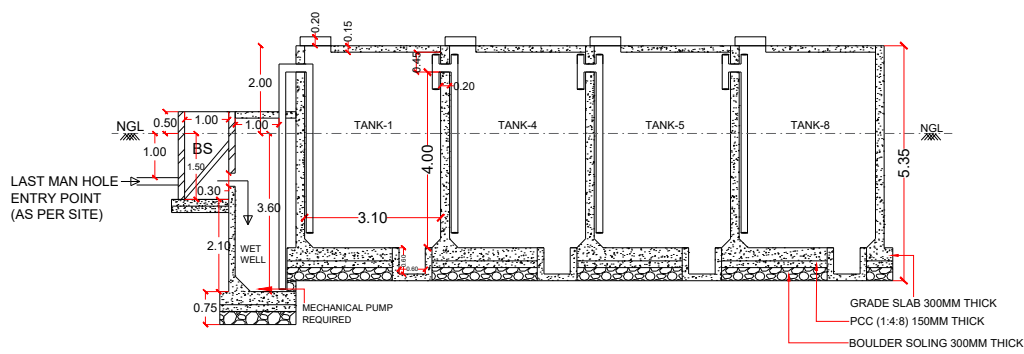


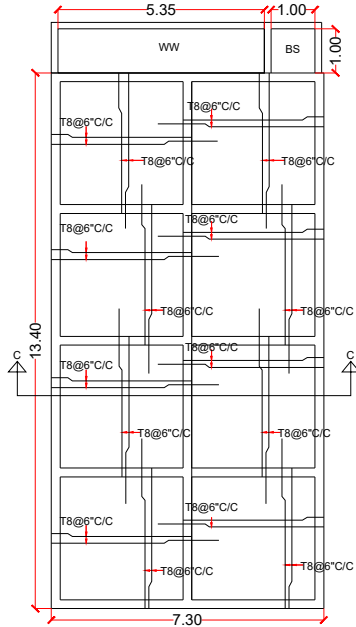
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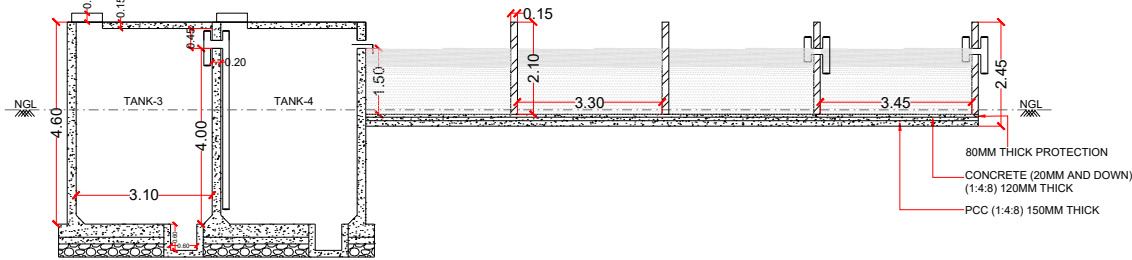
PLAN



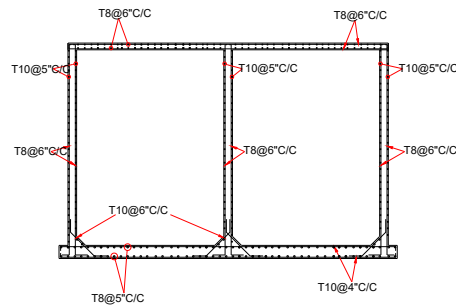
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT B-B



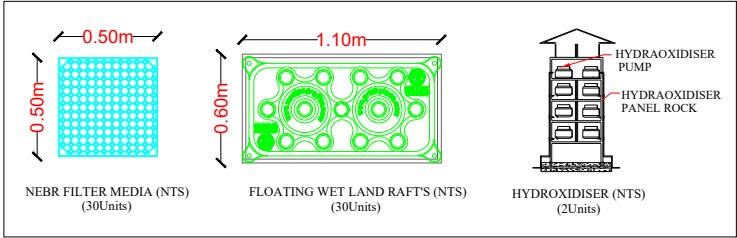
SECTION AT C-C

AREA - 14.55m X 20.75m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	3.10	3.10	4.00	38.44	8.0	307.52
PHYTO REMEDIATION AREA						
1	2.50	3.30	1.50	12.37	15.0	185.62
1	2.50	3.45	1.50	12.93	5.0	64.68
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	5.35	1.0	3.60	19.26	1.0	19.26

- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 100 KLD
 5. PHYTORED METHODS
 6. FOR 150 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.

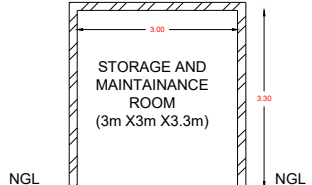
- NOTE
1. WET WELL TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF BAR SCREEN.
 2. BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE GROUND LEVEL.



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

PROJECT : PROPOSED NEBR TYPE STP (100 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-40

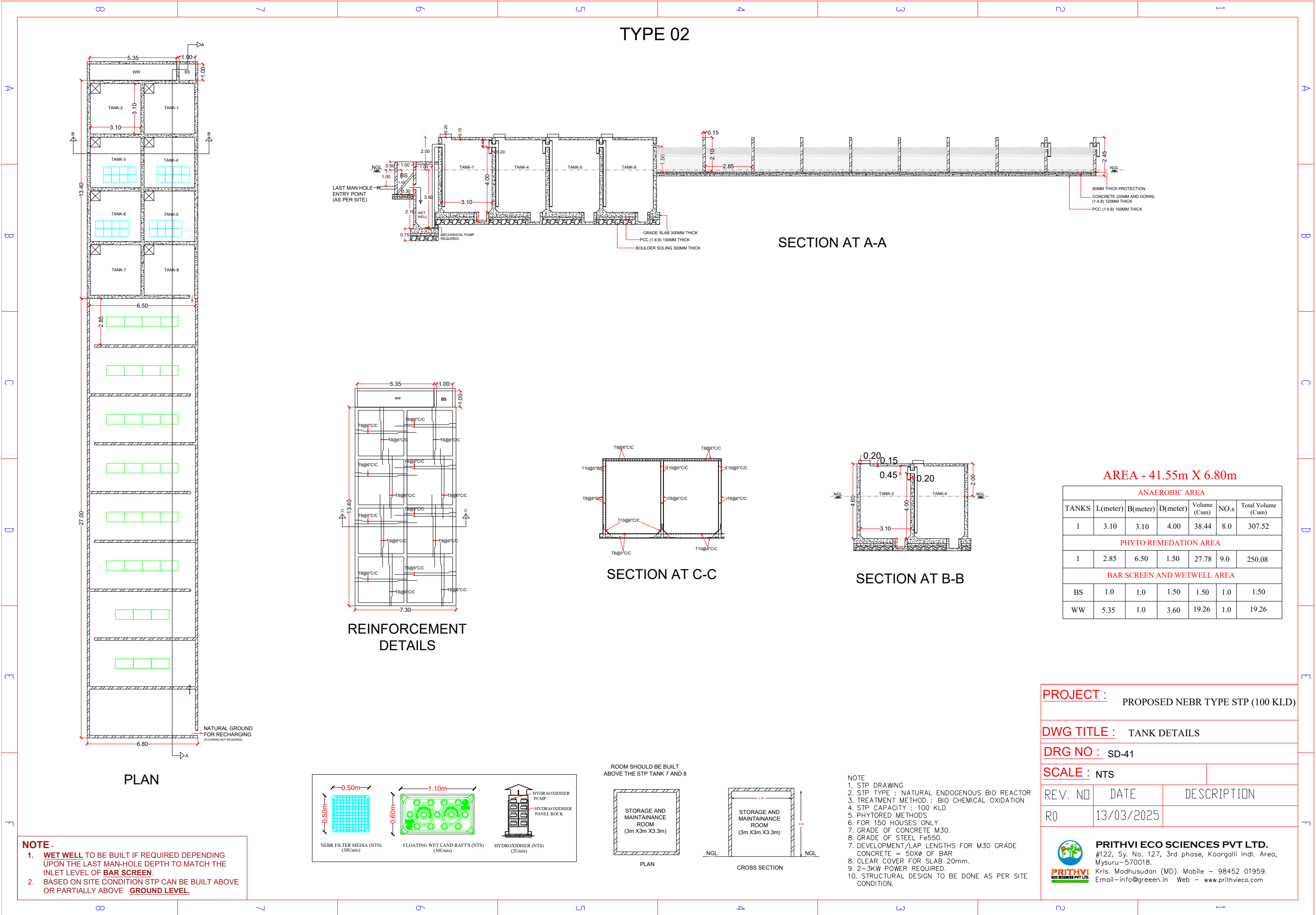
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

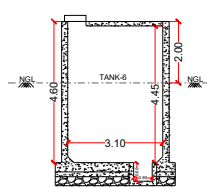
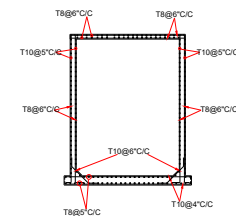
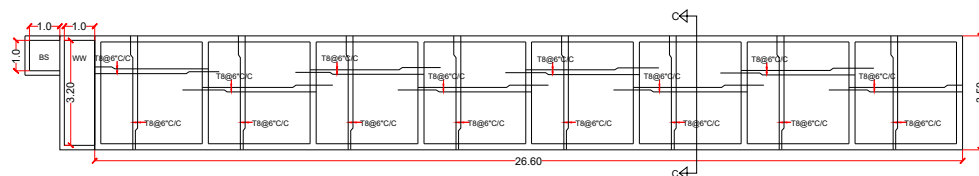
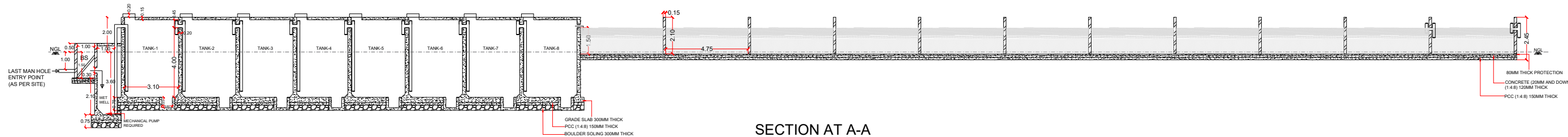
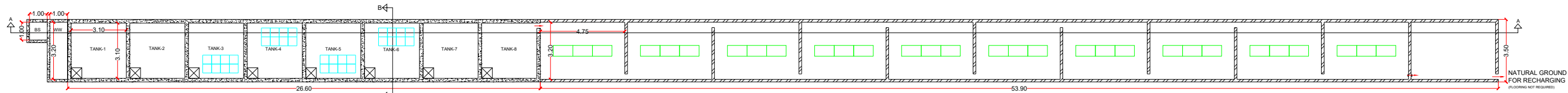


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TYPE 02



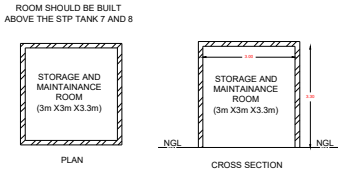
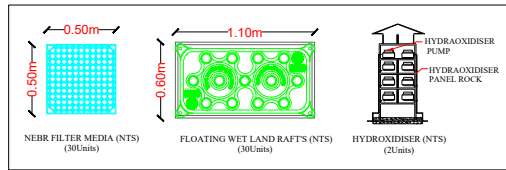
TYPE 03



AREA - 3.50m X 82.80m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	3.10	3.10	4.00	38.44	8.0	307.52
PHYTO REMEDIATION AREA						
1	3.20	4.75	1.50	22.80	11.0	250.08
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	3.20	1.0	3.60	11.52	1.0	11.52

- 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 : 100 KLD
 5. PHYTORED METHODS
 6. FOR 150 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 (100 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-42

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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