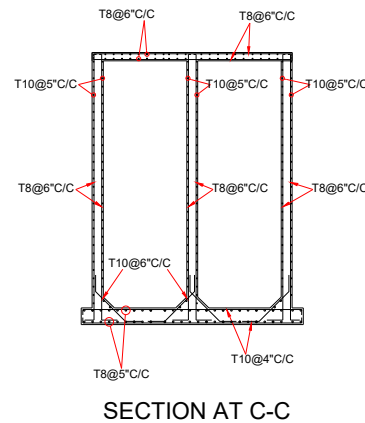
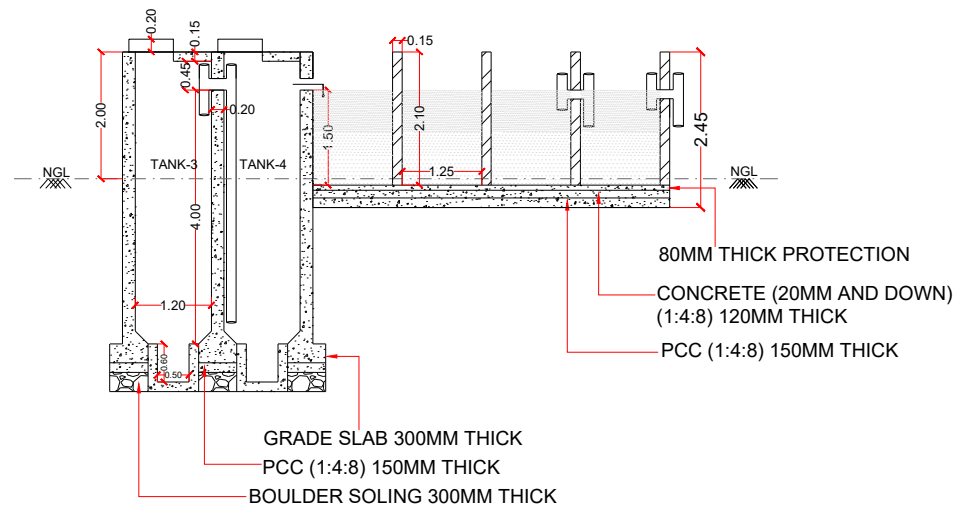
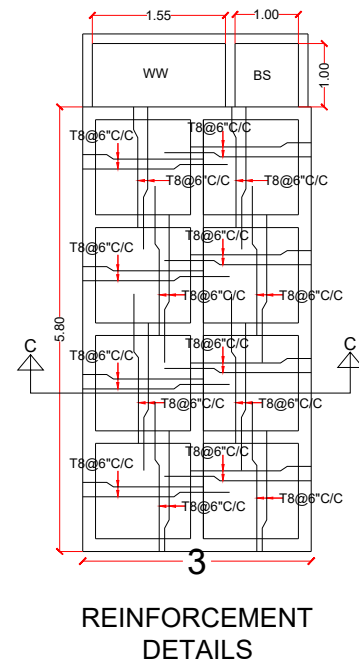
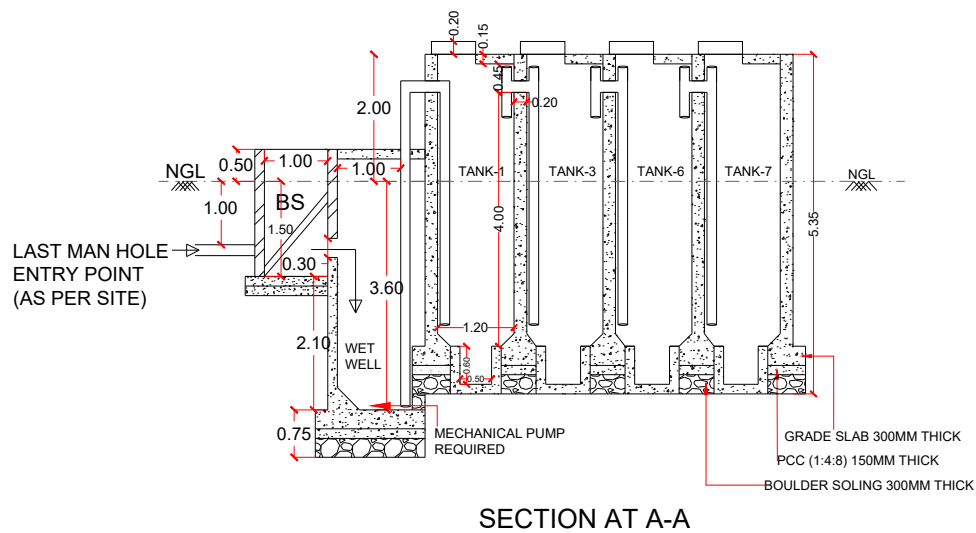
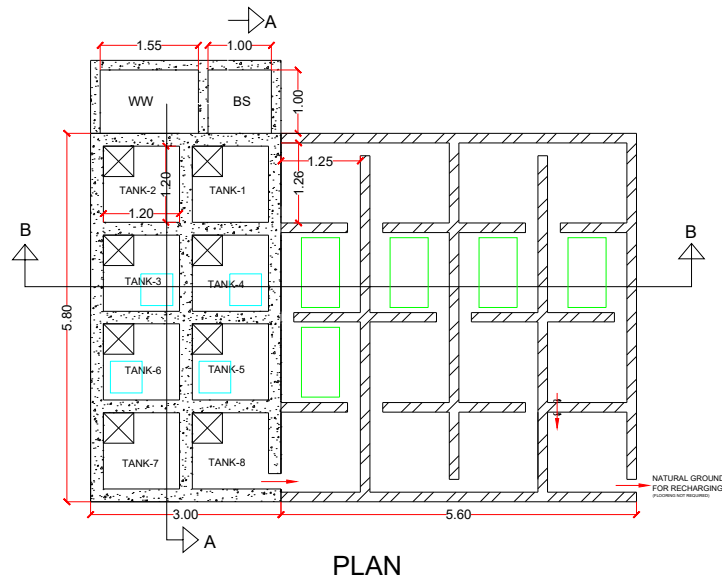


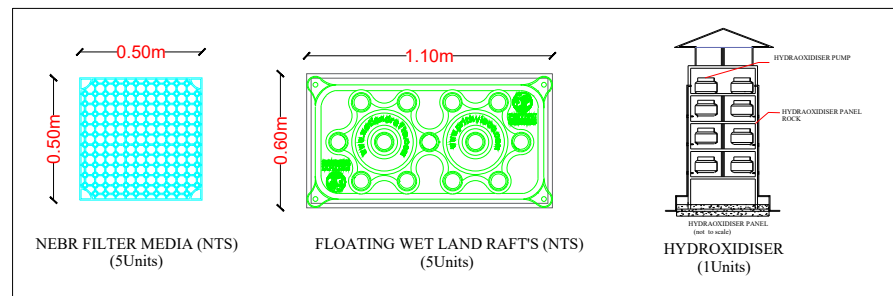
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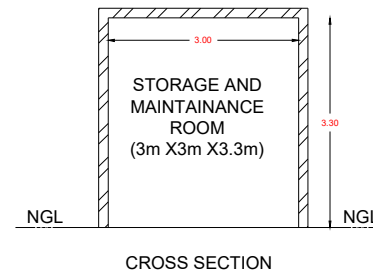
- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 15 KLD
 5. PHYTORED METHODS
 6. FOR 38 HOUSES ONLY
 7. GRADE OF CONCRETE M30.
 8. GRADE OF STEEL Fe550.
 7. DEVELOPMENT/LAP LENGTHS FOR M30
GRADE CONCRETE= 50XØ OF BAR
 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.**

SECTION AT B-B



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



AREA - 6.95m X 8.60m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	1.20	1.20	4.0	5.76	8.0	46.08
PHYTO REMEDATION AREA						
1	1.26	1.25	1.50	2.36	16.0	37.8
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	1.55	1.0	3.60	5.58	1.0	5.58

PROJECT : PROPOSED NEBR TYPE STP (15 KLD)

DWG TITLE : TANK DETAILS

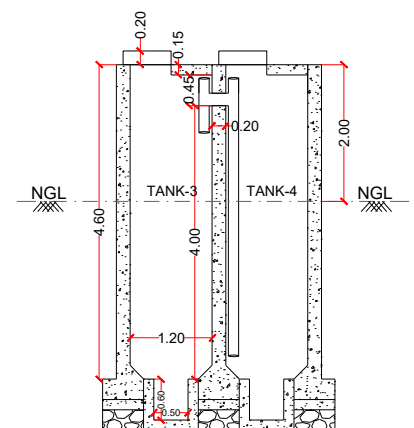
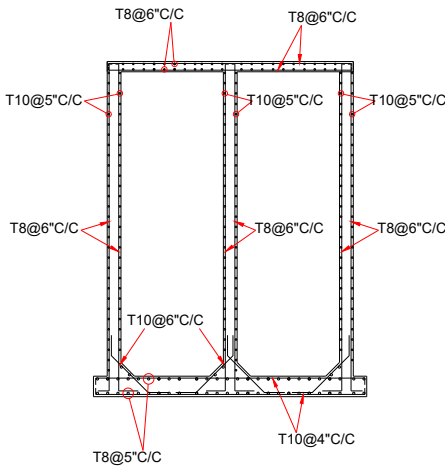
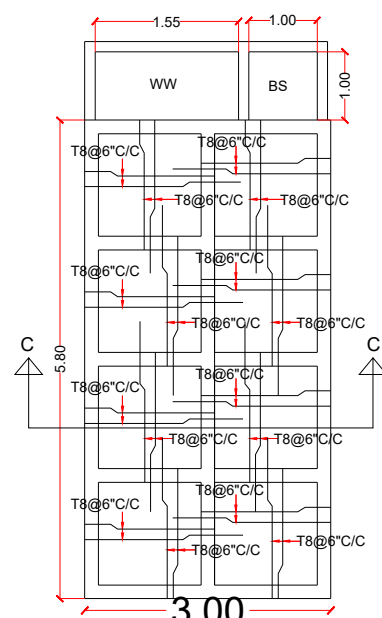
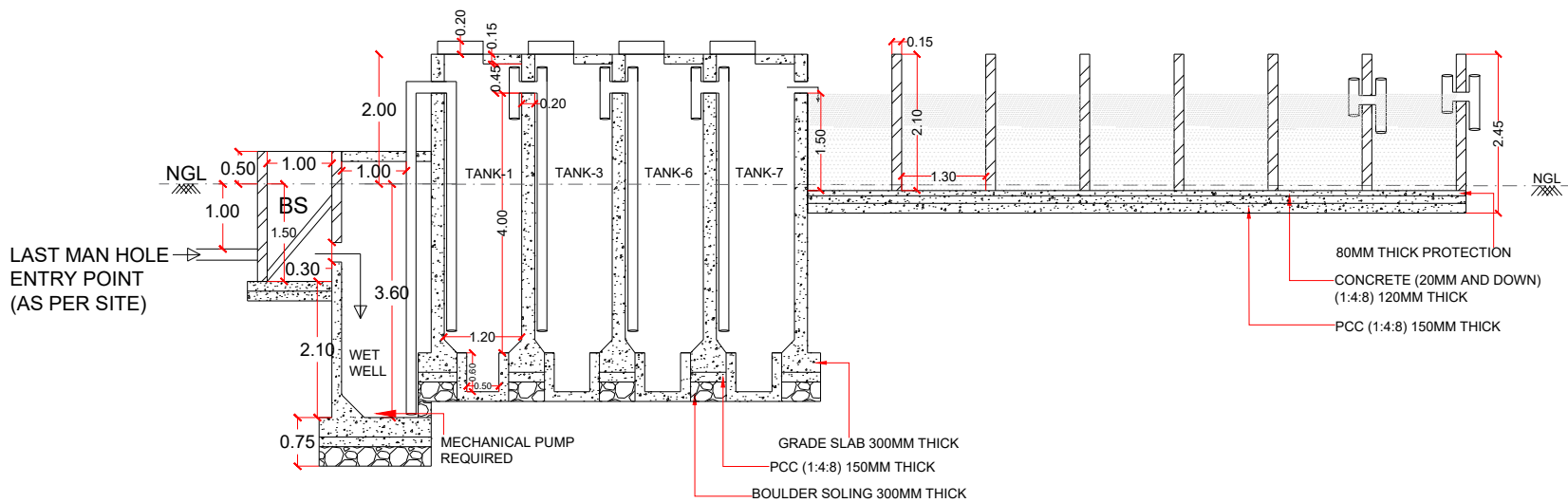
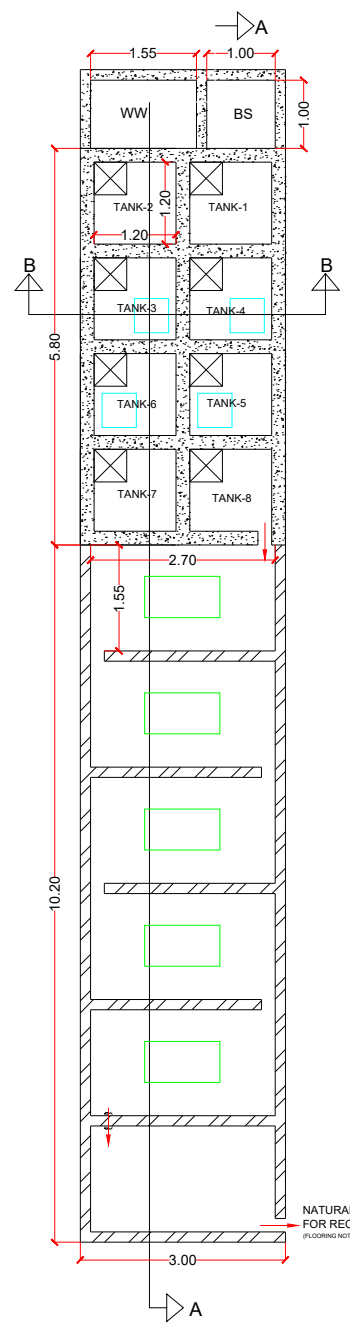
DRG NO : SD-04

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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TYPE 02



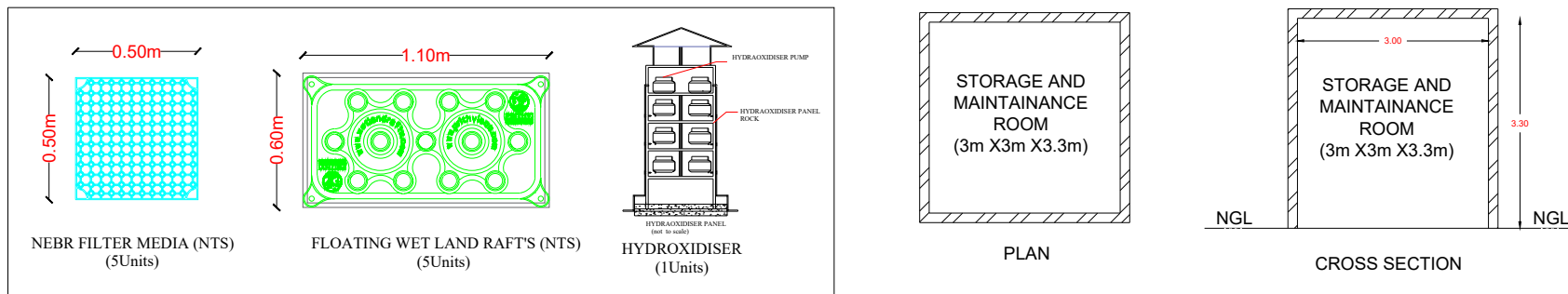
AREA - 17.15m X 3.0m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	1.20	1.20	4.0	5.76	8.0	46.08
PHYTO REMEDIATION AREA						
1	1.55	2.70	1.50	6.27	6.0	37.66
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	1.55	1.0	3.60	5.58	1.0	5.58

- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 15 KLD
 5. PHYTORED METHODS
 6. FOR 38 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**.



PROJECT : PROPOSED NEBR TYPE STP (15KLD)

DWG TITLE : TANK DETAILS

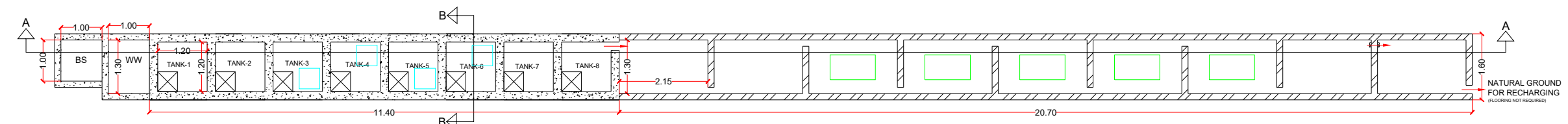
DRG NO : SD-05

SCALE : NTS

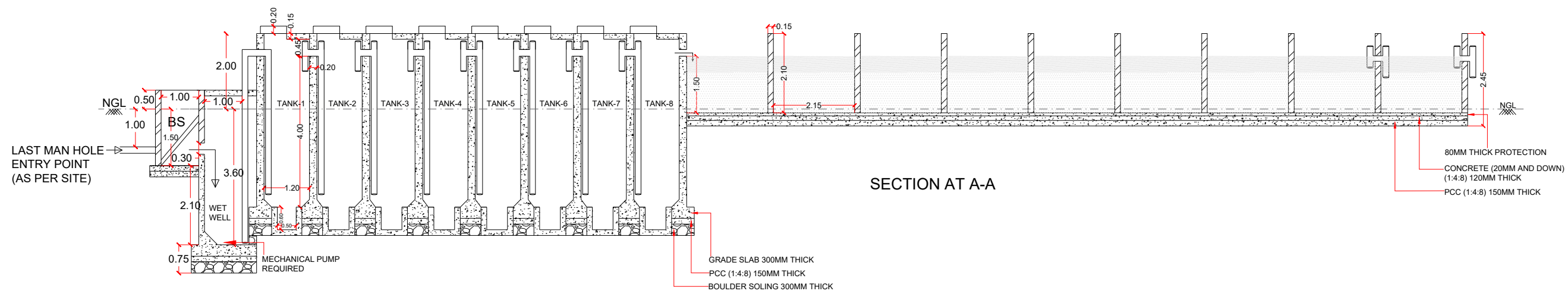
REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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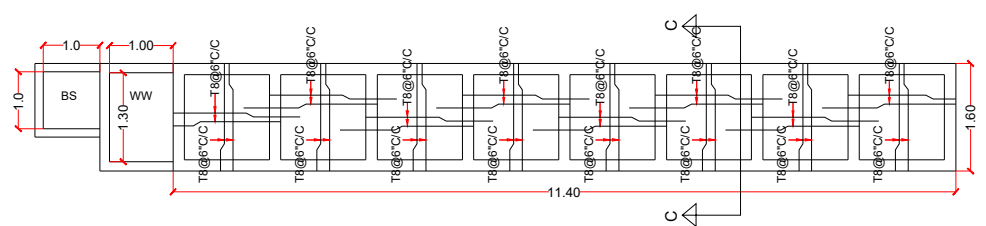
TYPE 03



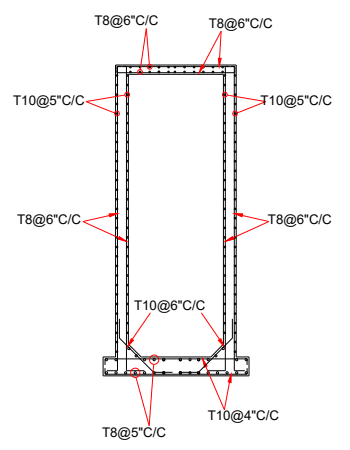
PLAN



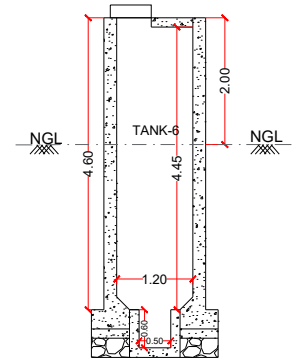
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT C-C



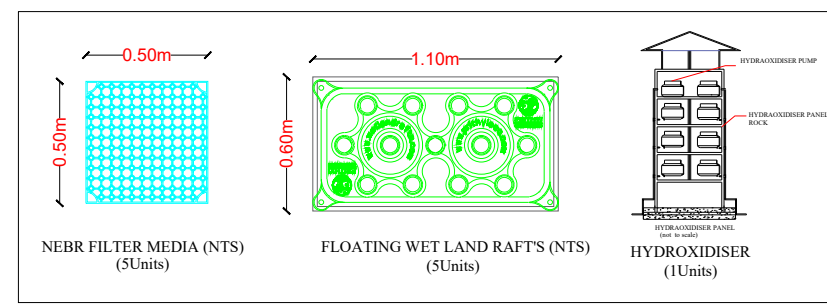
SECTION AT B-B

AREA - 1.60m X 34.40m

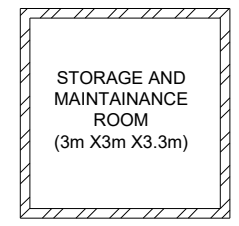
ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	1.20	1.20	4.0	5.76	8.0	46.08
PHYTO REMEDATION AREA						
1	1.30	2.15	1.50	4.19	9.0	37.73
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	1.30	1.0	3.60	4.68	1.0	4.68

- NOTE
1. STP DRAWING
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 4. STP CAPACITY : 15 KLD
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 8. CLEAR COVER FOR SLAB 20mm.
 9. 2-3KW POWER REQUIRED.
 10. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

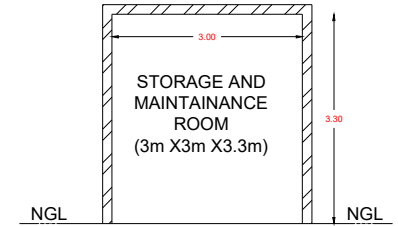
- NOTE -
1. **WET WELL TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF BAR SCREEN.**
 2. **BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE GROUND LEVEL.**



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

PROJECT : PROPOSED NEBR TYPE STP (15 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-06

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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