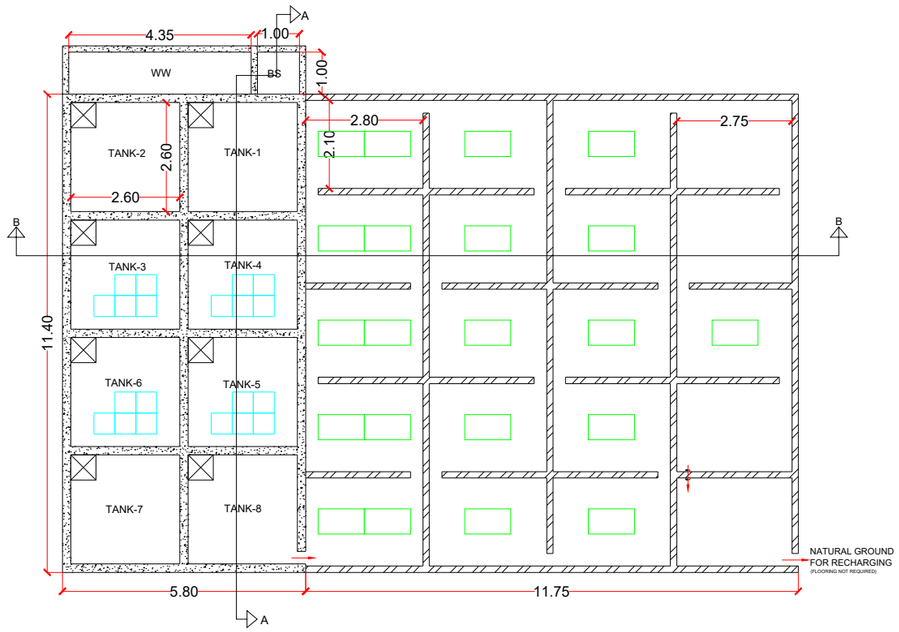
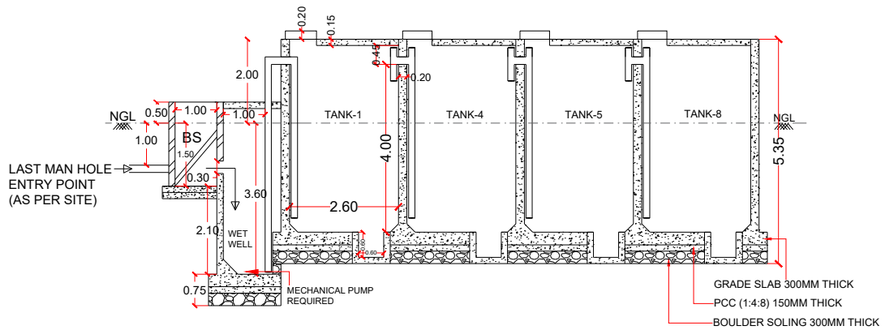
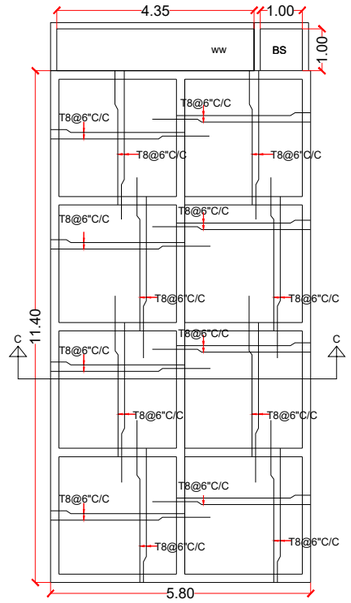
TYPE 01



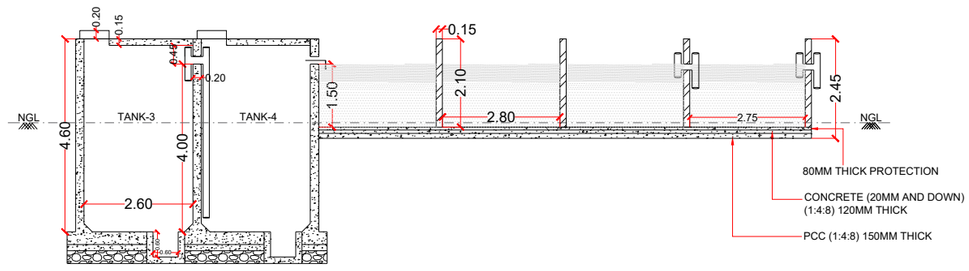
PLAN



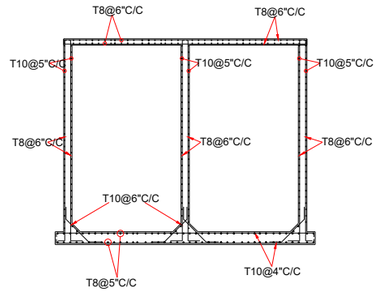
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT B-B



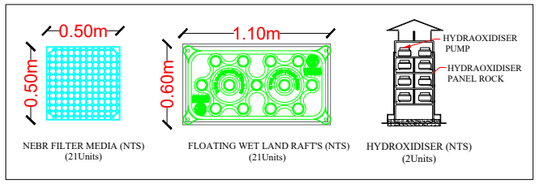
SECTION AT C-C

AREA - 12.55m X 17.55m

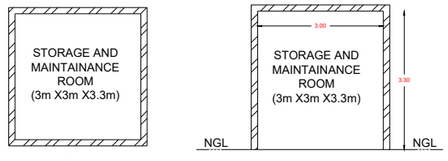
ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.60	2.60	4.00	27.04	8.0	216.32
PHYTO REMEDATION AREA						
1	2.10	2.80	1.50	8.82	15.0	132.3
1	2.10	2.75	1.50	8.66	5.0	43.31
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	4.35	1.0	3.60	15.66	1.0	15.66

NOTE
1. STP DRAWING
2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
4. STP CAPACITY : 70 KLD
5. PHYTORED METHODS
6. FOR 105 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



PROJECT :	PROPOSED NEBR TYPE STP (70 KLD)
DWG TITLE :	TANK DETAILS
DRG NO :	SD-31
SCALE :	NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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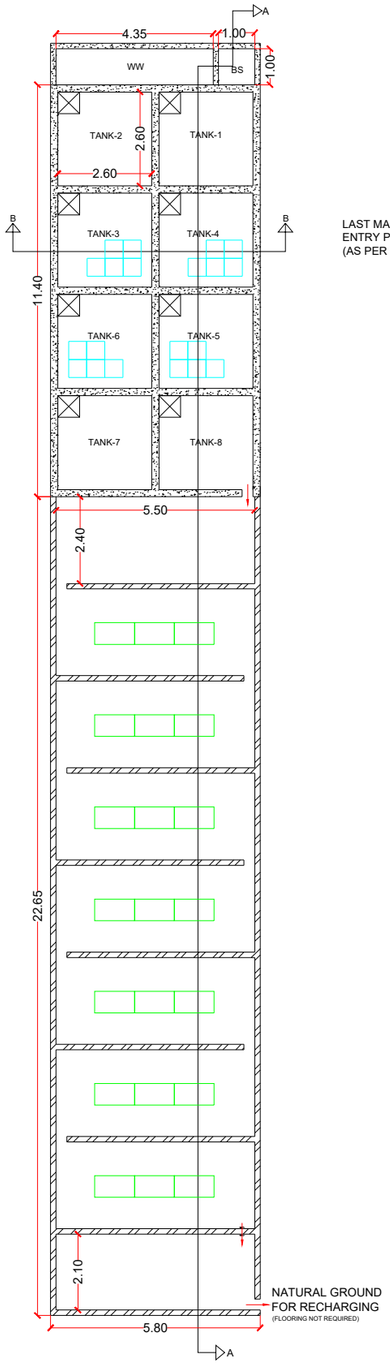
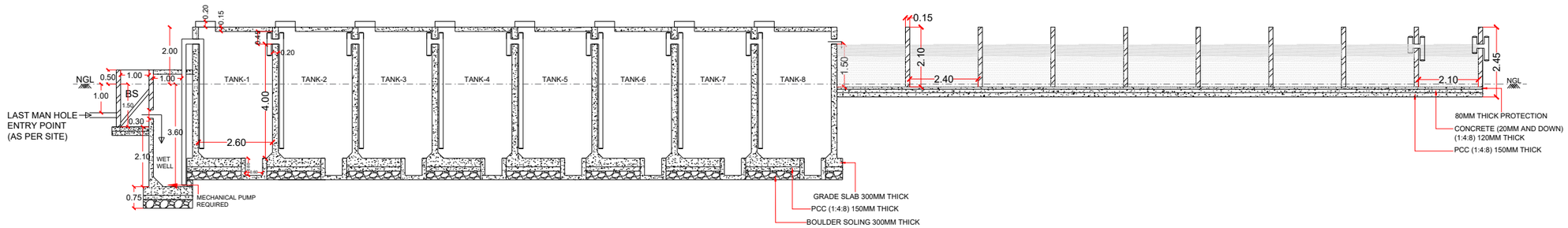
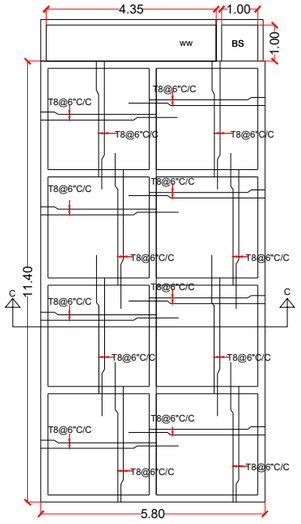
TYPE 02



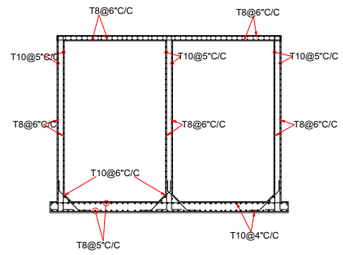
PLAN



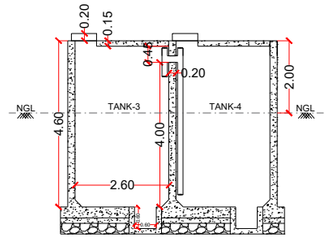
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT C-C



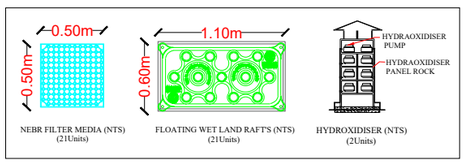
SECTION AT B-B

AREA - 35.20m X 5.80m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.60	2.60	4.00	27.04	8.0	216.32
PHYTO REMEDATION AREA						
1	2.40	5.50	1.50	19.80	8.0	158.40
1	2.10	5.50	1.50	17.32	1.0	17.32
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	4.35	1.0	3.60	15.66	1.0	15.66

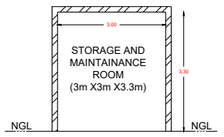
NOTE -

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 : 70 KLD
5. PHYTORED METHODS
6. FOR 105 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 (70 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-32

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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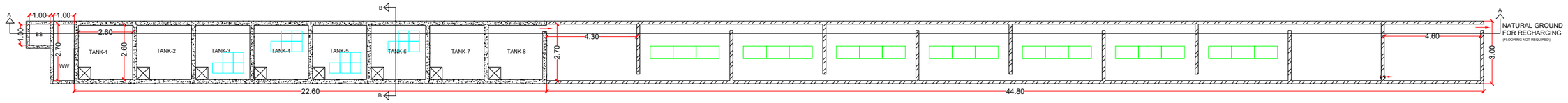
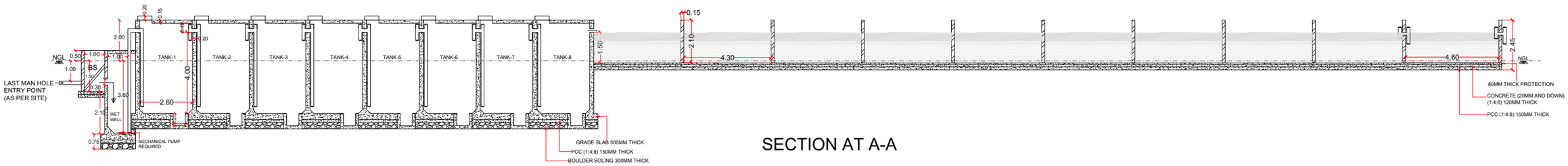
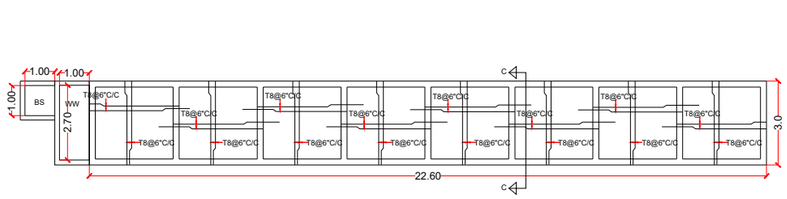
TYPE 03



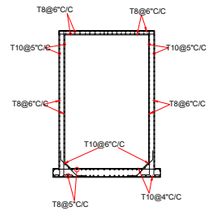
PLAN



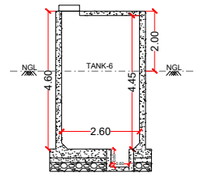
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT C-C



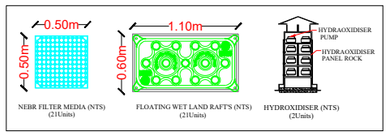
SECTION AT B-B

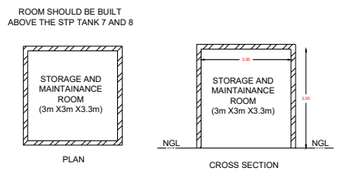
AREA - 3.0m X 69.70m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.60	2.60	4.00	27.04	8.0	216.32
PHYTO REMEDATION AREA						
1	2.70	4.30	1.50	21.87	9.0	174.96
1	2.70	4.60	1.50	21.87	1.0	174.96
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	2.70	1.0	3.60	9.72	1.0	9.72

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 : 70 KLD
5. PHYTORED METHODS
6. FOR 105 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 (70 KLD)
DWG TITLE :	TANK DETAILS
DRG NO :	SD-33
SCALE :	NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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