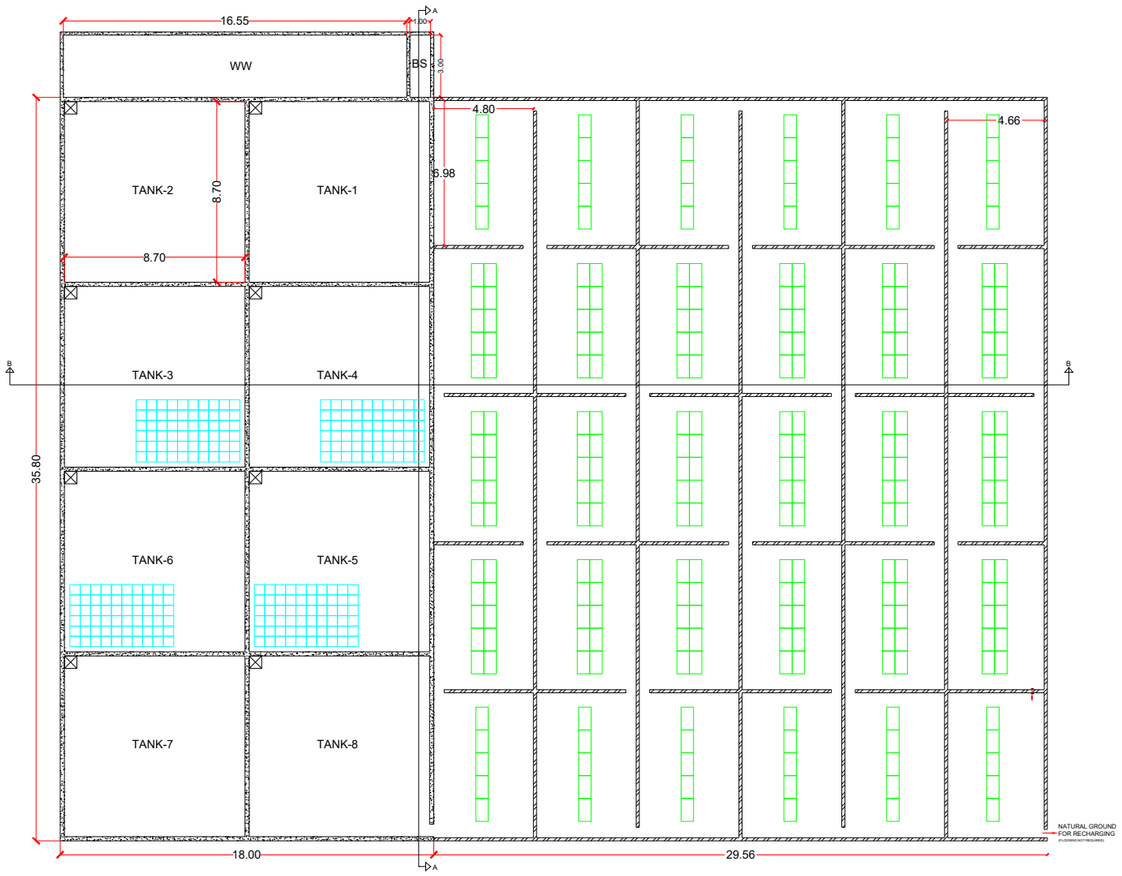
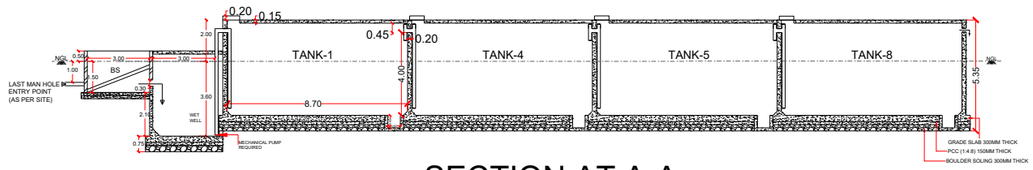
TYPE 01

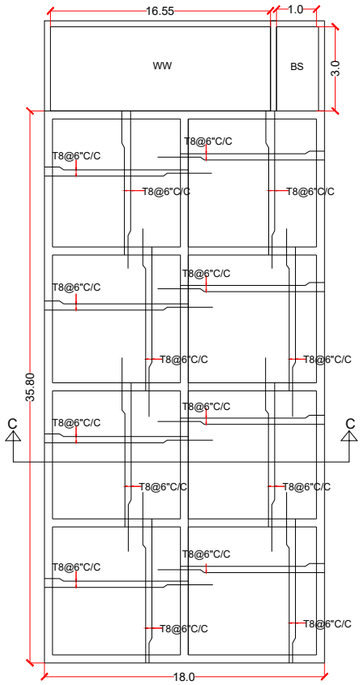


PLAN

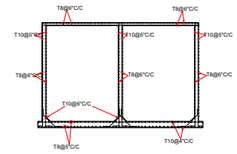


SECTION AT A-A

SECTION AT B-B



REINFORCEMENT DETAILS



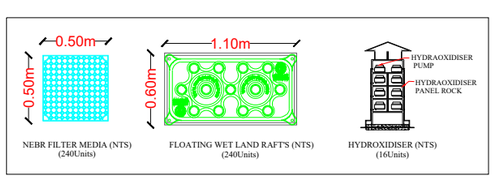
SECTION AT C-C

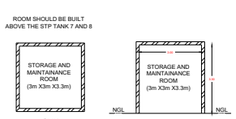
AREA - 38.95m X 47.56m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	8.70	8.70	4.00	302.76	8.0	2422.08
PHYTO REMEDATION AREA						
1	6.98	4.80	2.00	67.00	25.0	1675.20
1	6.98	4.66	2.00	65.05	5.0	325.25
BAR SCREEN AND WETWELL AREA						
BS	1.0	3.0	1.50	1.50	1.0	4.50
WW	16.55	3.0	3.60	178.74	1.0	178.74

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 : 800 KLD
5. PHYTORED METHODS
6. FOR 1200 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.

PROJECT :	PROPOSED NEBR TYPE STP (800 KLD)
DWG TITLE :	TANK DETAILS
DRG NO :	SD-82
SCALE :	NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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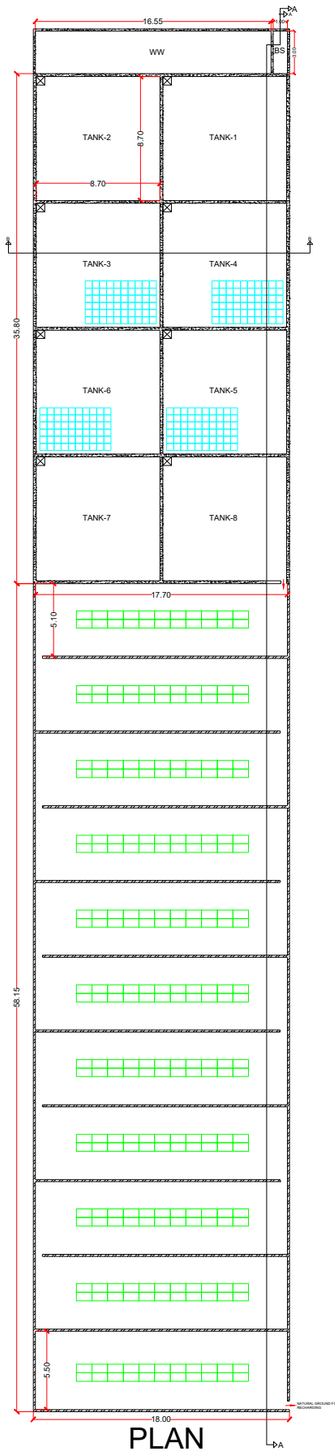
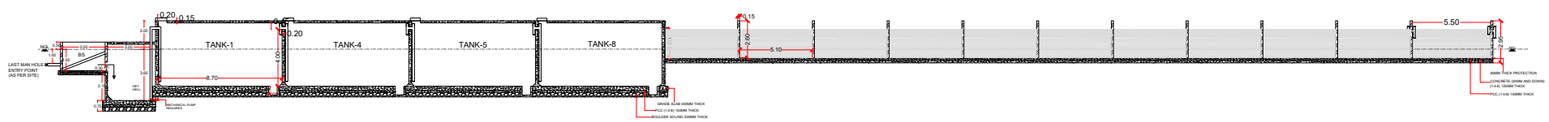
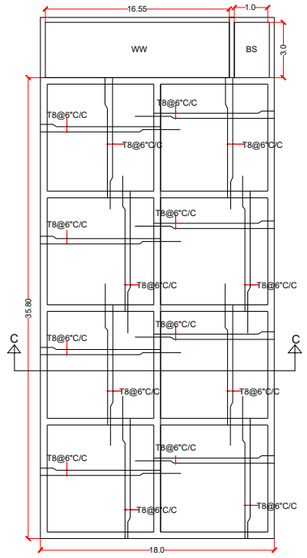
TYPE 02



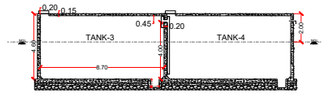
PLAN



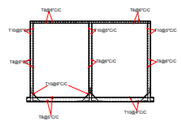
SECTION AT A-A



REINFORCEMENT DETAILS



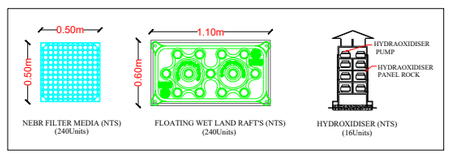
SECTION AT B-B

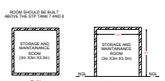


SECTION AT C-C

AREA - 97.10m X 18.0m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	8.70	8.70	4.00	302.76	8.0	2422.08
PHYTO REMEDATION AREA						
1	5.10	17.70	2.00	180.54	10.0	1805.40
1	5.50	17.70	2.00	194.70	1.0	194.70
BAR SCREEN AND WETWELL AREA						
BS	1.0	3.0	1.50	1.50	1.0	4.50
WW	16.55	3.0	3.60	178.74	1.0	178.74





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 : 800 KLD
5. PHYTORED METHODS
6. FOR 1200 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.

PROJECT :	PROPOSED NEBR TYPE STP (800 KLD)
DWG TITLE :	TANK DETAILS
DRG NO :	SD-83
SCALE :	NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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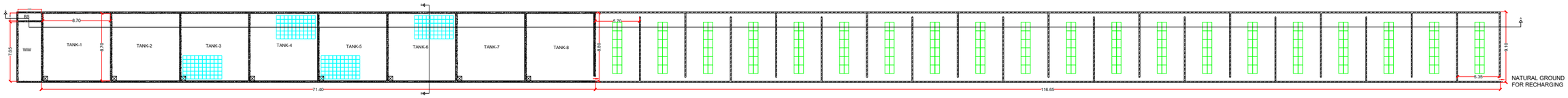
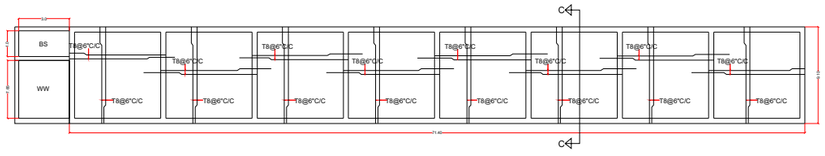
TYPE 03

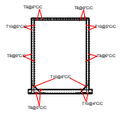


PLAN

SECTION AT A-A



REINFORCEMENT
DETAILS

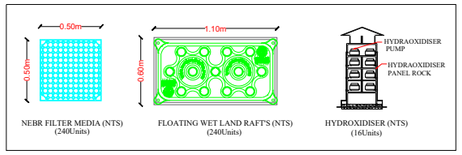


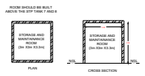
SECTION AT C-C

SECTION AT B-B

AREA - 9.10m X 191.20m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	8.70	8.70	4.00	302.76	8.0	2422.08
PHYTO REMEDATION AREA						
1	8.80	5.70	2.00	100.32	19.0	1906.08
1	8.80	5.35	2.00	94.16	1.0	94.16
BAR SCREEN AND WETWELL AREA						
BS	1.0	3.0	1.50	3.0	1.0	4.50
WW	7.65	3.0	3.60	82.62	1.0	82.62





NOTE
1. STP DRAWING
2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
4. STP CAPACITY : 800 KLD
5. PHYTORED METHODS
6. FOR 1200 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.

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 (800 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-84

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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