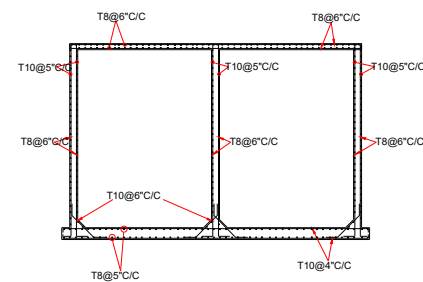
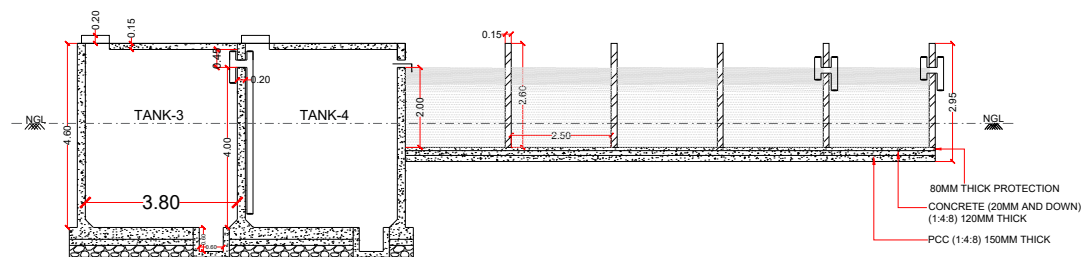
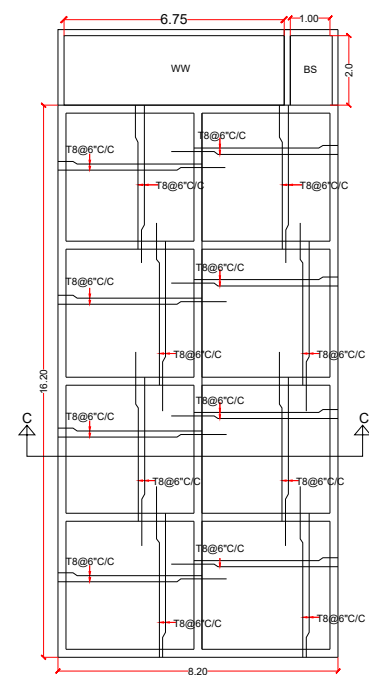
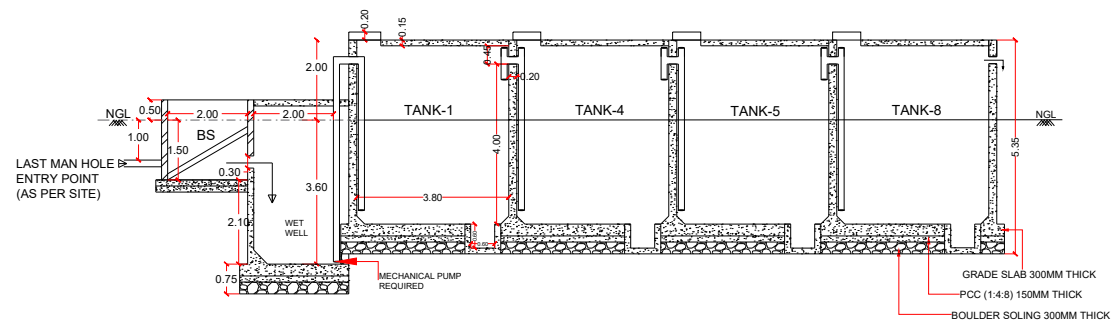
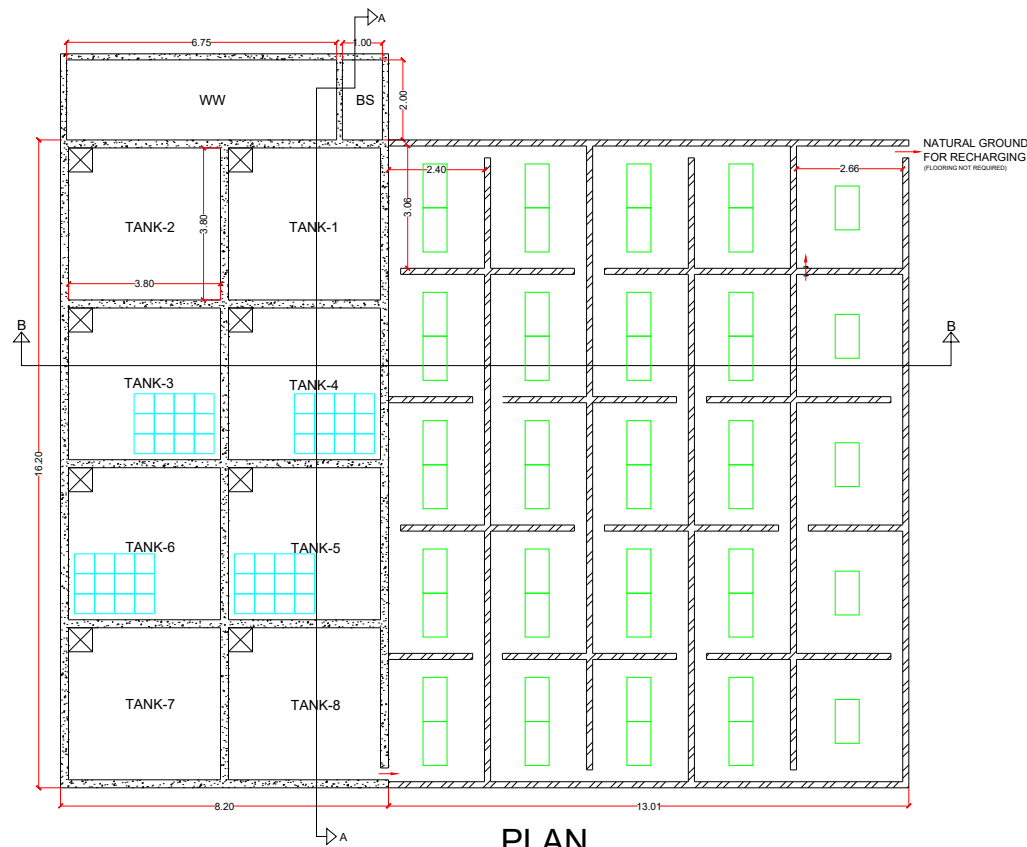


TYPE 01

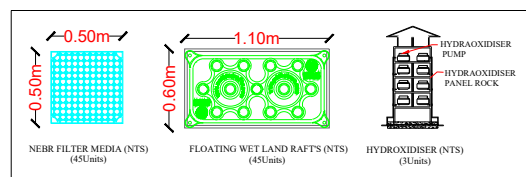


AREA - 18.35m X 21.21m

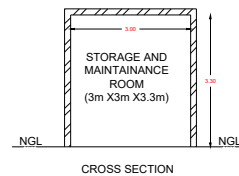
ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	3.80	3.80	4.00	57.76	8.0	462.08
PHYTO REMEDIATION AREA						
1	3.06	2.40	2.00	17.28	20.0	345.60
1	3.06	2.66	2.00	19.15	5.0	95.76
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	6.75	2.0	3.60	24.30	1.0	48.60

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**.



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



NOTE

1. STP DRAWING
2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
4. STP CAPACITY : 150 KLD
5. PHYTORED METHODS
6. FOR 225 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 (150 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-43

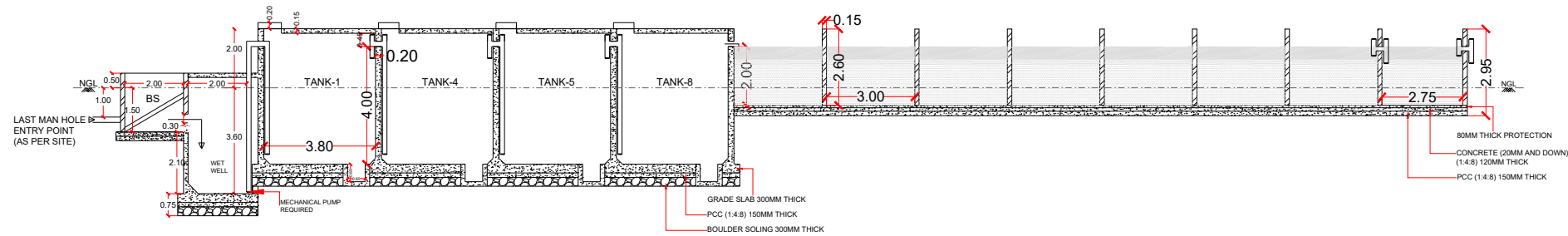
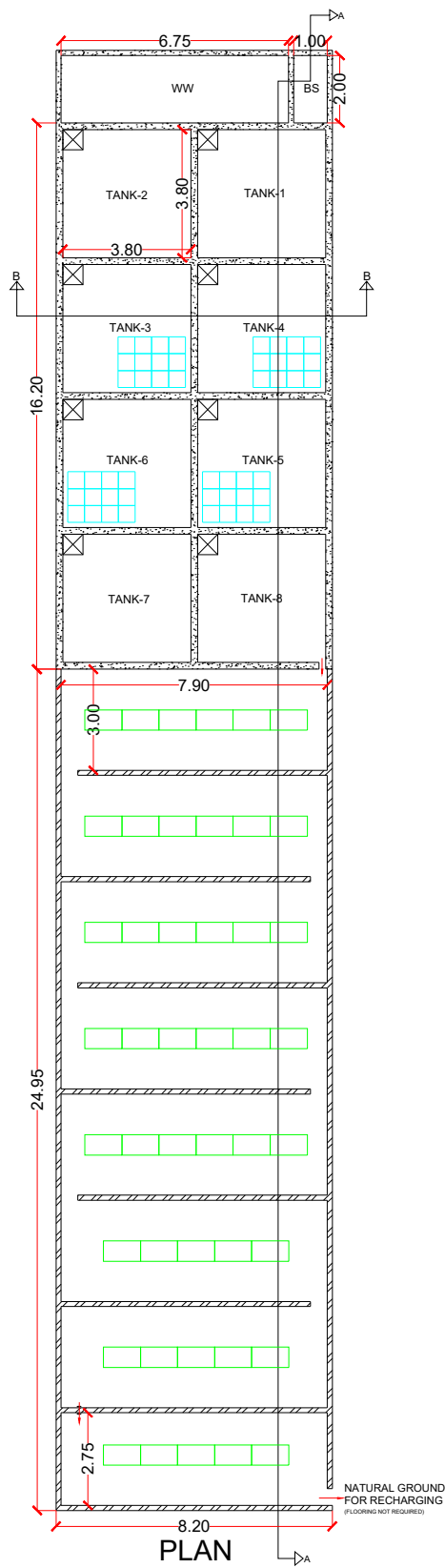
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

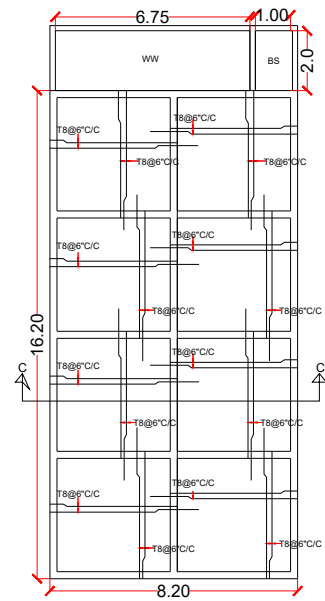


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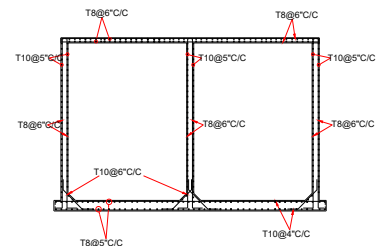
TYPE 02



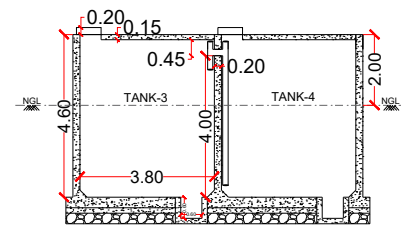
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT C-C

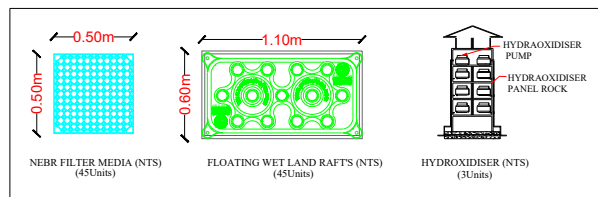


SECTION AT B-B

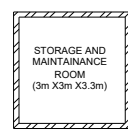
AREA - 43.30m X 8.20m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	3.80	3.80	4.00	57.76	8.0	462.08
PHYTO REMEDATION AREA						
1	3.00	7.90	2.00	47.40	7.0	331.80
1	2.75	7.90	2.00	43.45	1.0	43.45
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	6.75	2.0	3.60	24.30	1.0	48.60

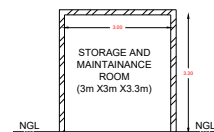
- NOTE -**
1. **WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 2. BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



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 : 150 KLD
 5. PHYTORED METHODS
 6. FOR 225 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 (150 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-44

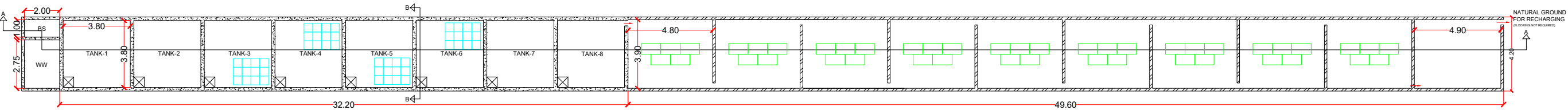
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

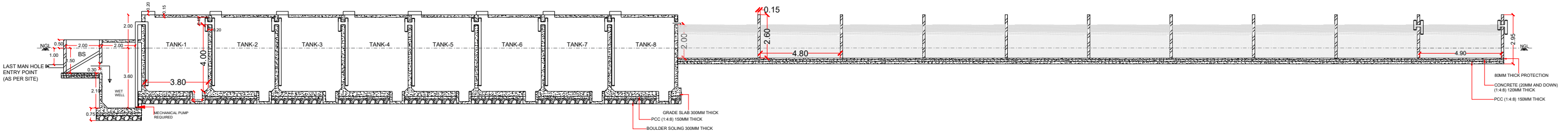


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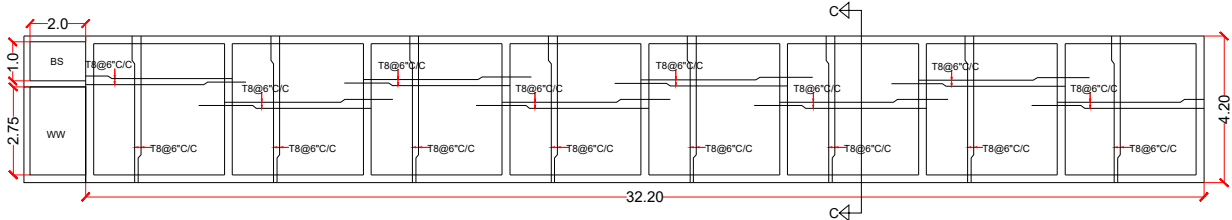
TYPE 03



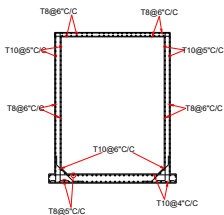
PLAN



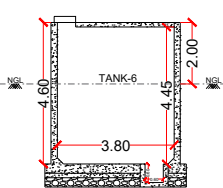
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C

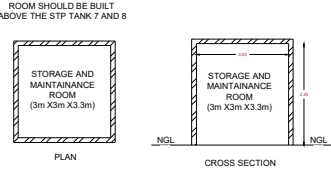
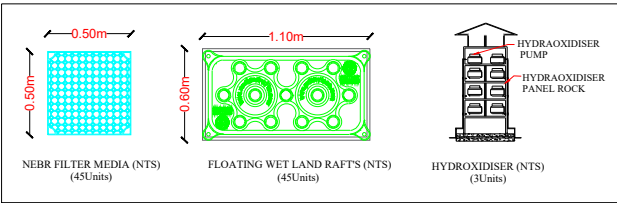


SECTION AT B-B

AREA - 4.20m X 83.95m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	3.80	3.80	4.00	57.76	8.0	462.08
PHYTO REMEDIATION AREA						
1	3.90	4.80	2.00	37.44	10.0	374.40
1	3.90	4.90	2.00	38.22	1.0	38.22
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	3.0	1.0	3.0
WW	2.75	2.0	3.60	19.80	1.0	19.80

- 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 : 150 KLD
 5. PHYTORED METHODS
 6. FOR 225 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 (150 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-45

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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