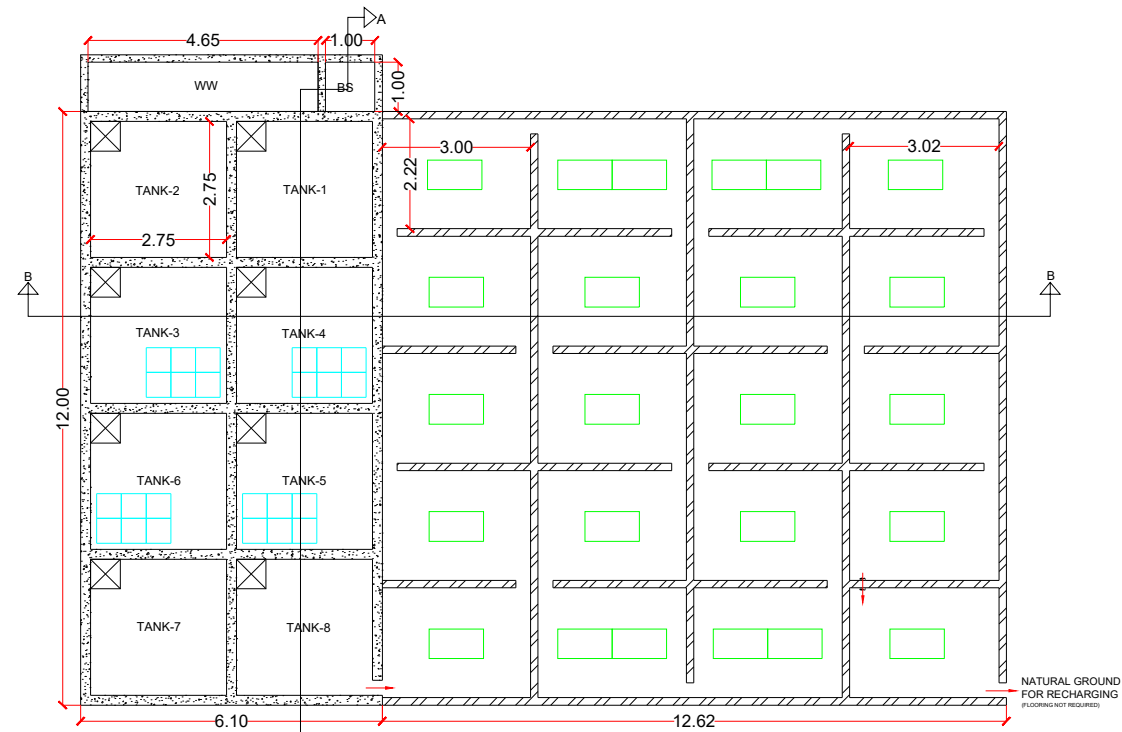
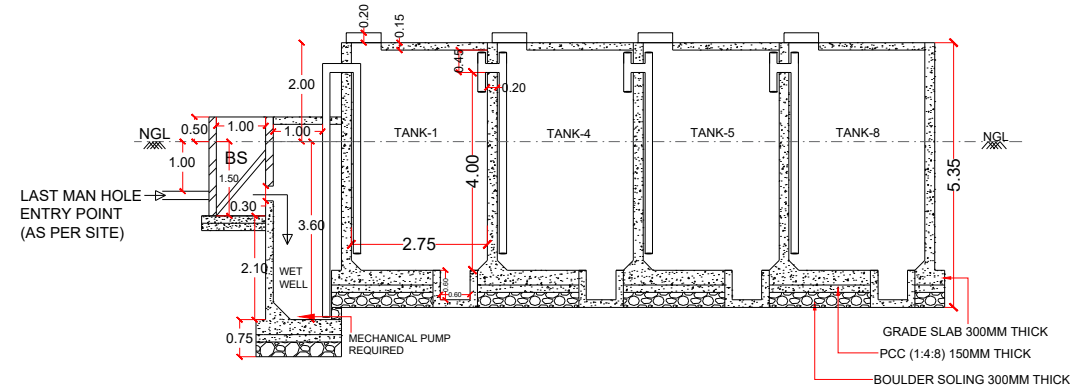


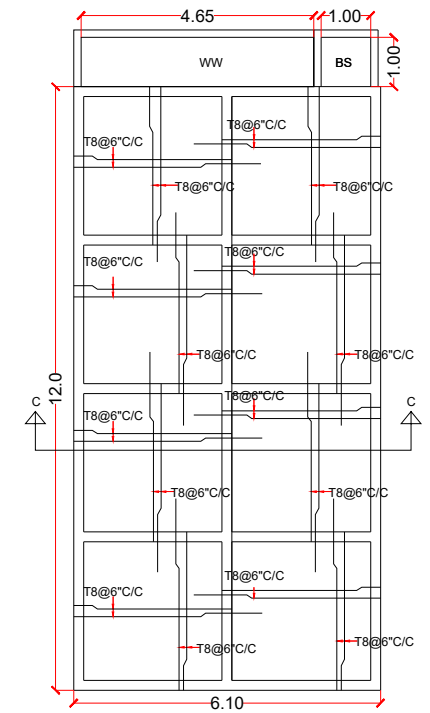
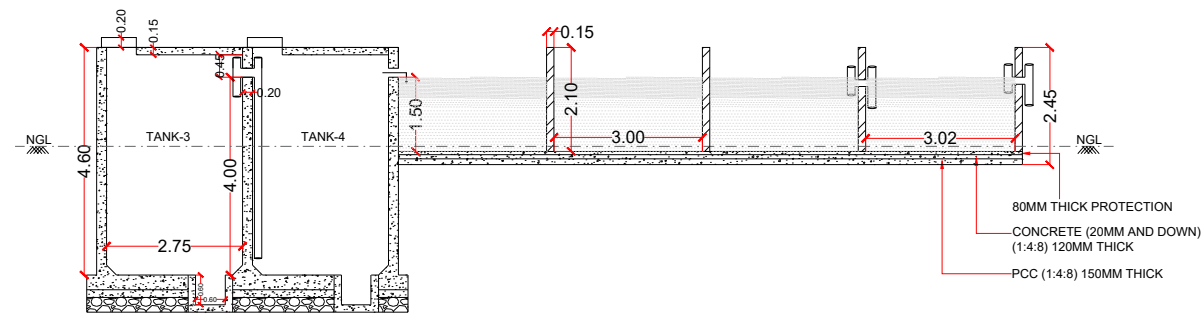
TYPE 01



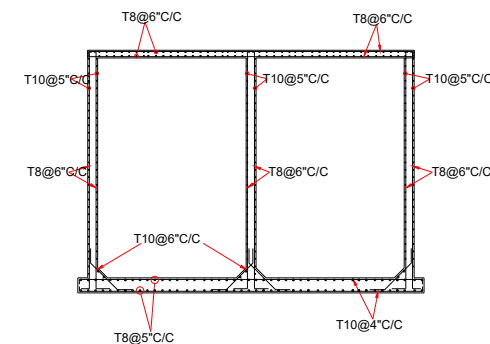
PLAN



SECTION AT A-A

REINFORCEMENT
DETAILS

SECTION AT B-B



SECTION AT C-C

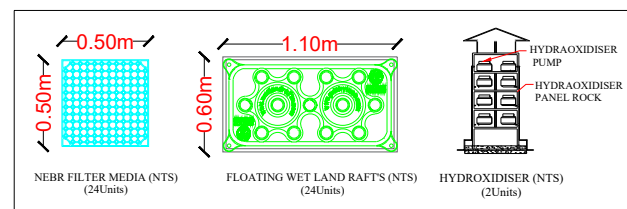
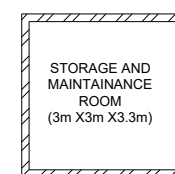
AREA - 13.15m X 18.72m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.75	2.75	4.00	30.25	8.0	242.0
PHYTO REMEDIATION AREA						
1	2.22	3.00	1.50	9.99	15.0	149.85
1	2.22	3.02	1.50	10.05	5.0	50.28
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	4.65	1.0	3.60	16.74	1.0	16.74

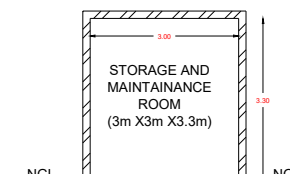
- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 80 KLD
 5. PHYTORED METHODS
 6. FOR 120 HOUSES ONLY
 7. GRADE OF CONCRETE M30.
 8. GRADE OF STEEL Fe550.
 7. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE= 50XØ OF BAR
 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 (80 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-34

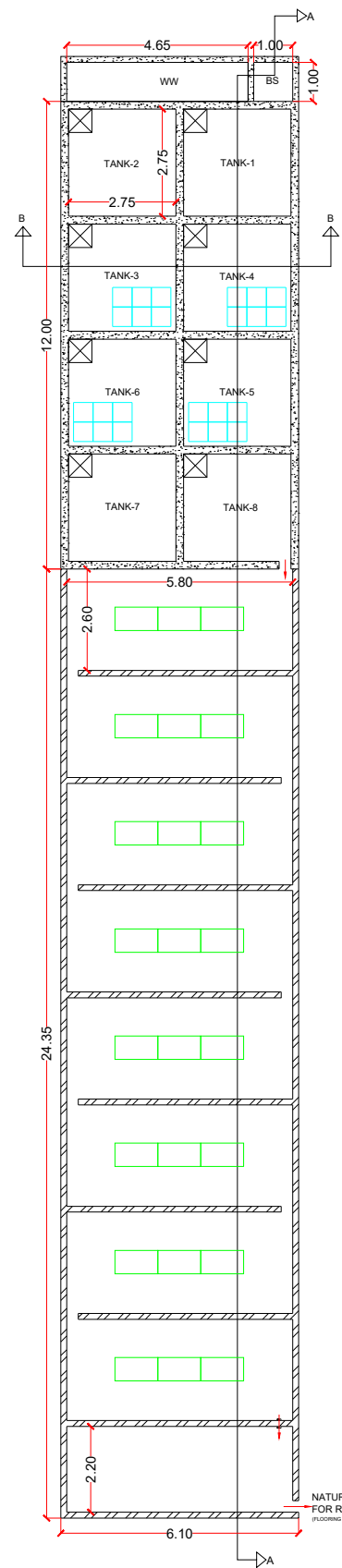
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

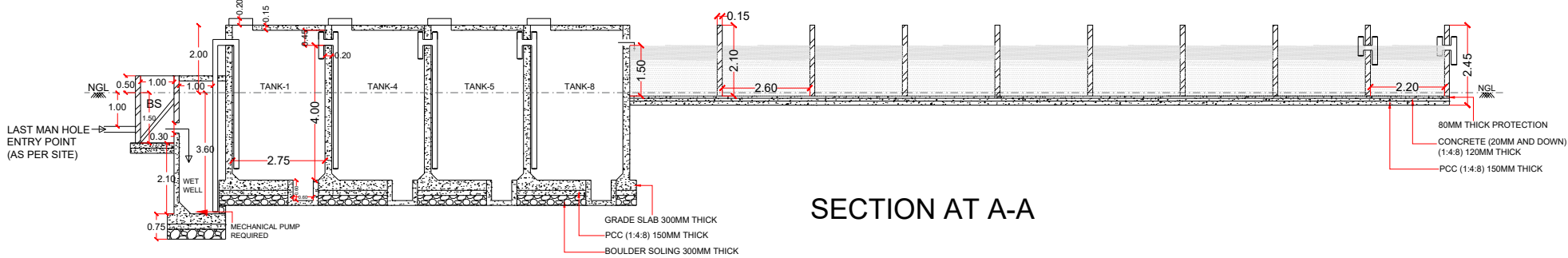


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Mysuru-570018.
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Email-info@green.in Web - www.prithvieco.com

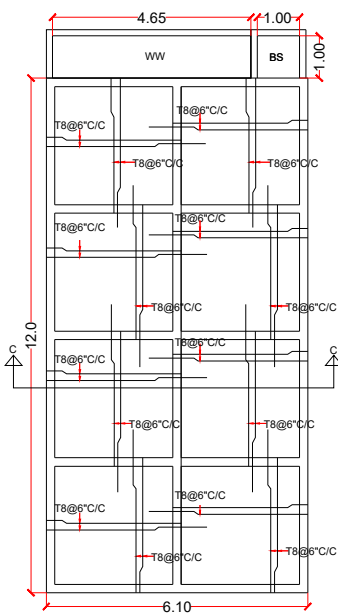
TYPE 02



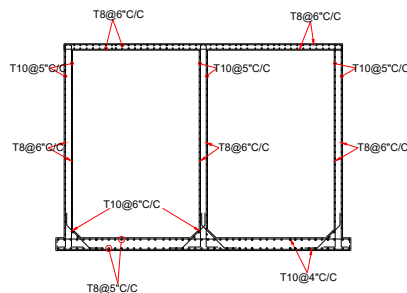
PLAN



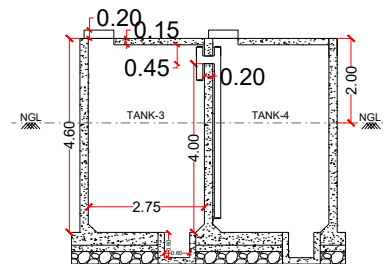
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C

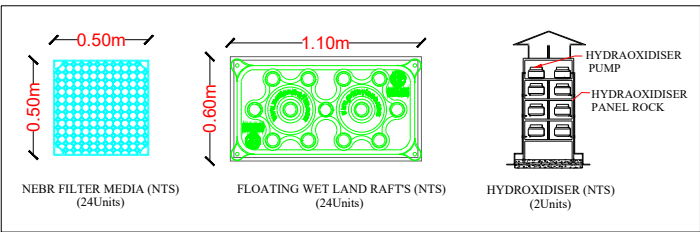


SECTION AT B-B

AREA -37.50m X 6.10m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.75	2.75	4.00	30.25	8.0	242.0
PHYTO REMEDIATION AREA						
1	2.60	5.80	1.50	22.62	8.0	180.96
1	2.20	5.80	1.50	19.14	1.0	19.14
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	4.65	1.0	3.60	16.74	1.0	16.74

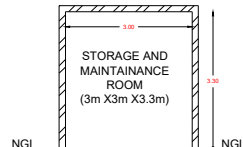
- NOTE -**
1. **WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 2. BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



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 : 80 KLD
 5. PHYTORED METHODS
 6. FOR 120 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 (80 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-35

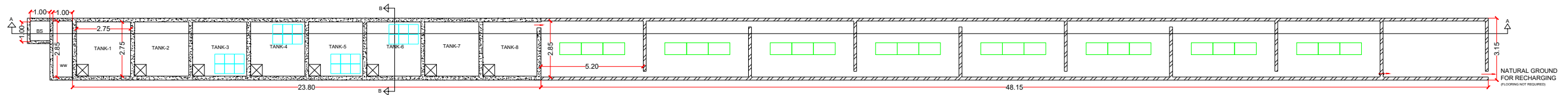
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

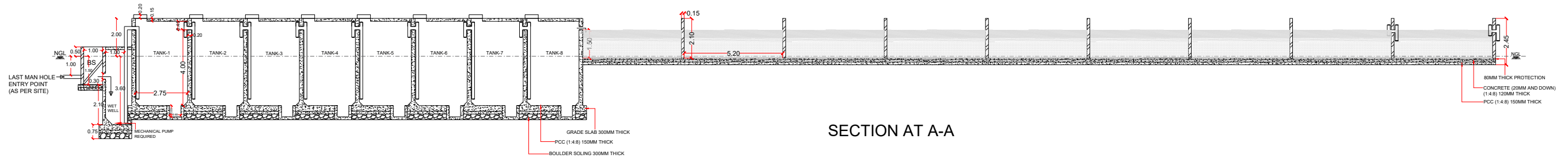


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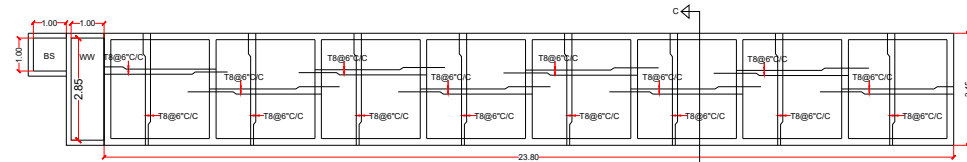
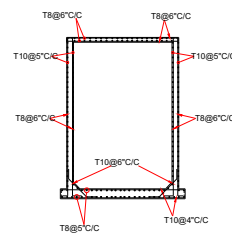
TYPE 03



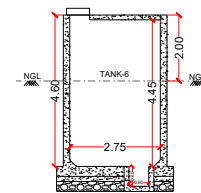
PLAN



SECTION AT A-A

REINFORCEMENT
DETAILS

SECTION AT C-C

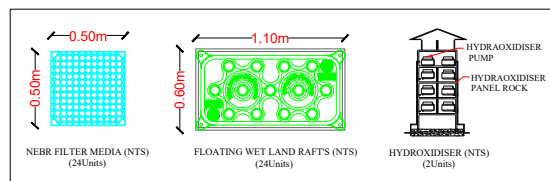


SECTION AT B-B

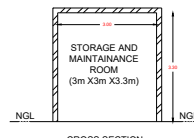
AREA - 3.15m X 74.25m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.75	2.75	4.00	30.25	8.0	242.0
PHYTO REMEDIATION AREA						
1	2.85	5.20	1.50	22.23	9.0	200.07
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	2.85	1.0	3.60	10.26	1.0	10.26

- NOTE -**
- WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 - 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**
- STP DRAWING
 - STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 - TREATMENT METHOD : BIO CHEMICAL OXIDATION
 - STP CAPACITY : 80 KLD
 - PHYTORED METHODS
 - FOR 120 HOUSES ONLY
 - GRADE OF CONCRETE M30.
 - GRADE OF STEEL Fe550.
 - DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE= 50XØ OF BAR
 - CLEAR COVER FOR SLAB 20mm.
 - 2-3KW POWER REQUIRED.
 - STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (80 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-36

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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