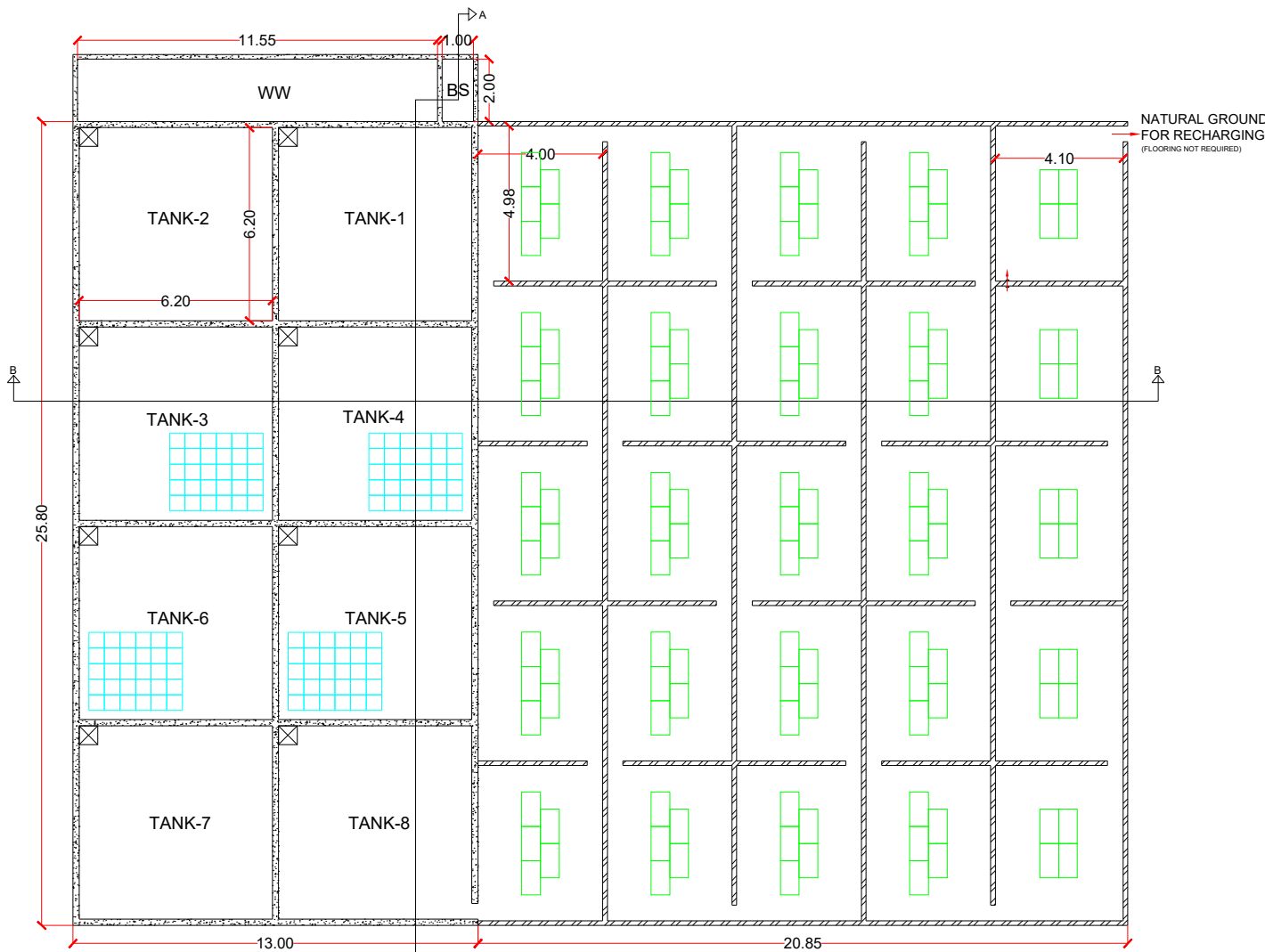
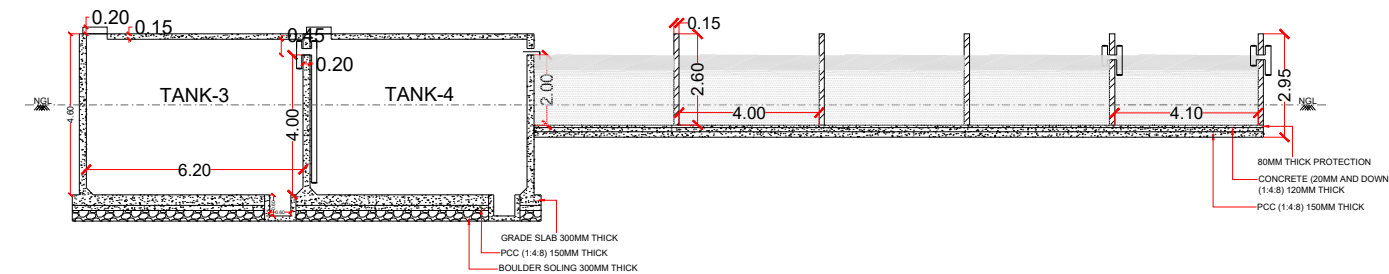


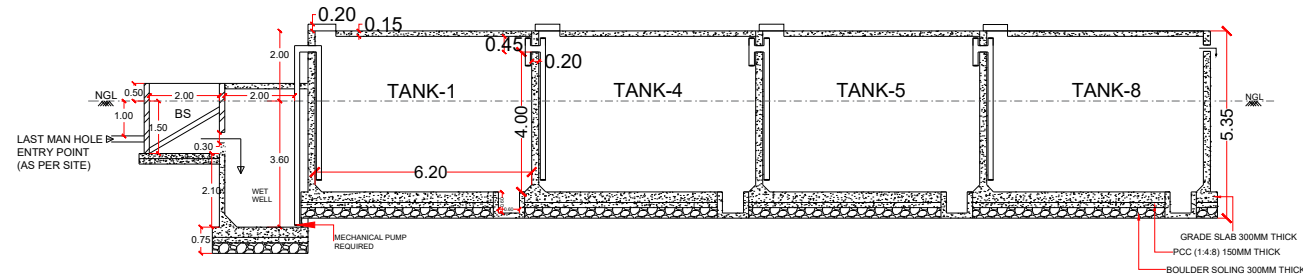
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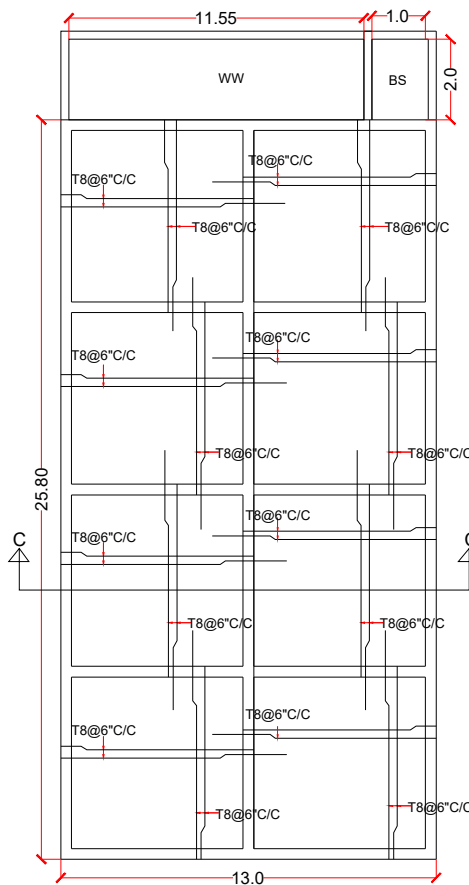
PLAN



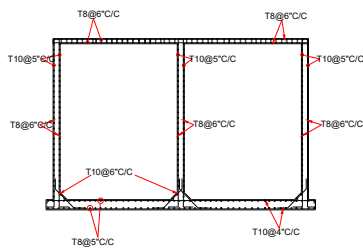
SECTION AT B-B



SECTION AT A-A



REINFORCEMENT DETAILS

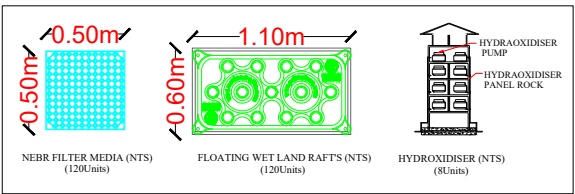


SECTION AT C-C

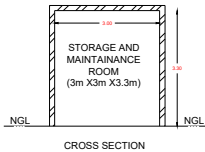
AREA - 27.95m X 33.85m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	6.20	6.20	4.00	153.76	8.0	1230.08
PHYTO REMEDIATION AREA						
1	4.98	4.00	2.00	39.84	20.0	796.80
1	4.98	4.10	2.00	40.83	5.0	204.18
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	11.55	1.0	3.60	41.58	1.0	41.58

- 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 : 400 KLD
 5. PHYTORED METHODS
 6. FOR 600 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 (400 KLD)

DWG TITLE : TANK DETAILS

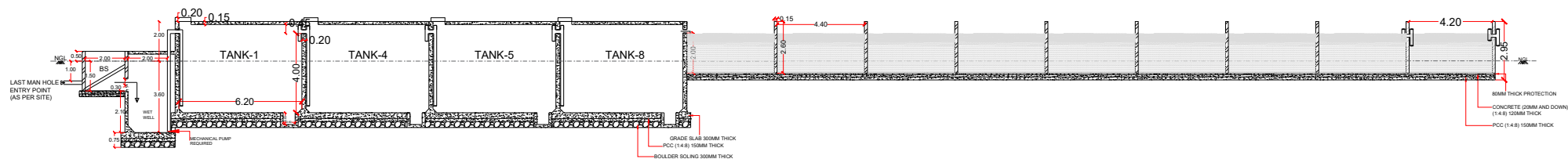
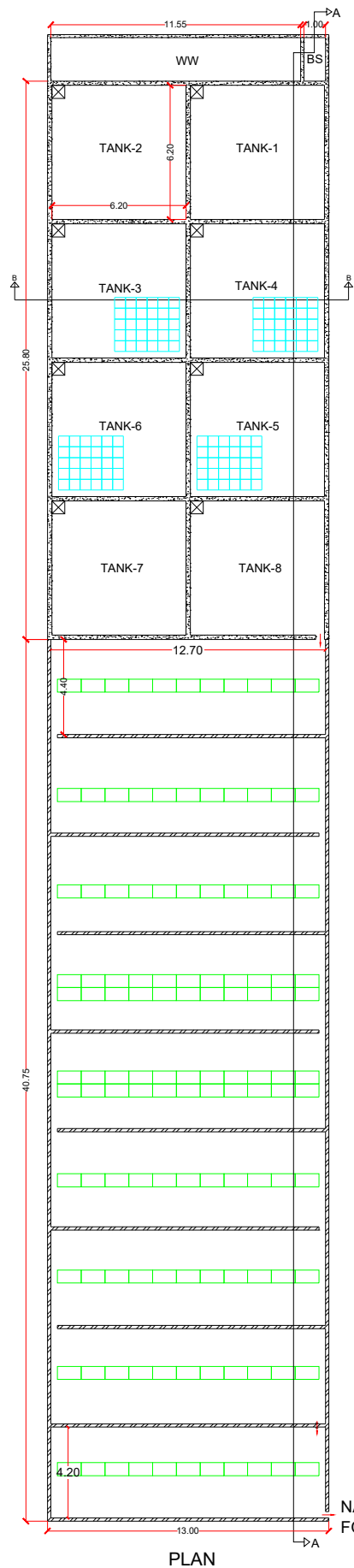
DRG NO : SD-58

SCALE : NTS

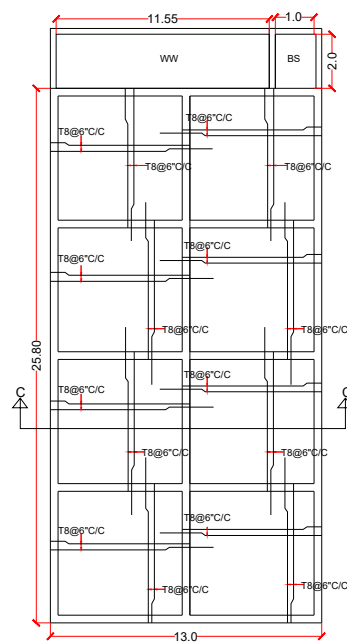
REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

PRITHVI ECO SCIENCES PVT LTD.
#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area, Mysuru-570018.
Kris. Madhusudan (MD). Mobile - 98452 01959.
Email-info@green.in Web - www.prithvieco.com

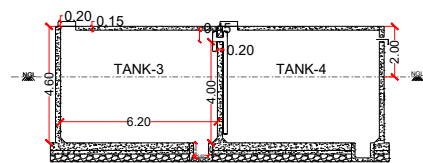
TYPE 02



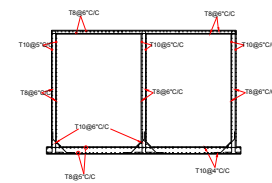
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT B-B



SECTION AT C-C

AREA - 68.70m X 13.0m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	6.20	6.20	4.00	153.76	8.0	1230.08
PHYTO REMEDIATION AREA						
1	4.40	12.70	2.00	111.76	8.0	894.08
1	4.20	12.70	2.00	106.68	1.0	106.68
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	1.50	1.0	3.0
WW	11.55	2.0	3.60	83.16	1.0	83.16

PROJECT : PROPOSED NEBR TYPE STP (400 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-59

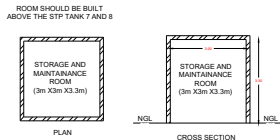
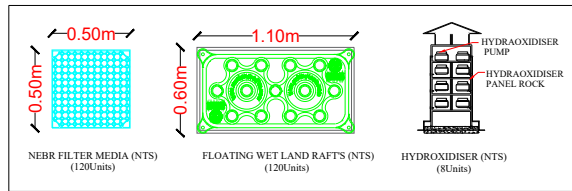
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



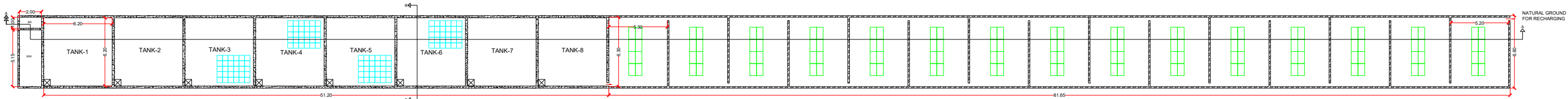
PRITHVI ECO SCIENCES PVT LTD.
#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area,
Mysuru-570018.
Kris. Madhusudan (MD). Mobile - 98452 01959.
Email-info@green.in Web - www.prithvieco.com

- 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**.

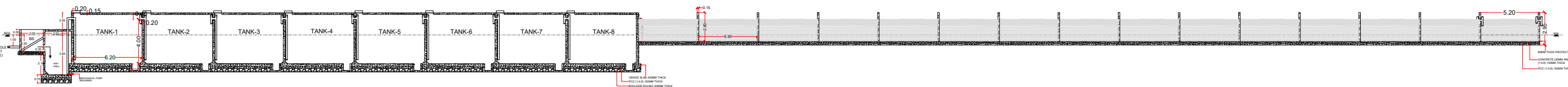


- NOTE
- STP DRAWING
 - STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 - TREATMENT METHOD : BIO CHEMICAL OXIDATION
 - STP CAPACITY : 400 KLD
 - PHYTORED METHODS
 - FOR 600 HOUSES ONLY
 - GRADE OF CONCRETE M30.
 - GRADE OF STEEL Fe550.
 - DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
 - CLEAR COVER FOR SLAB 20mm.
 - 2-3KW POWER REQUIRED.
 - STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

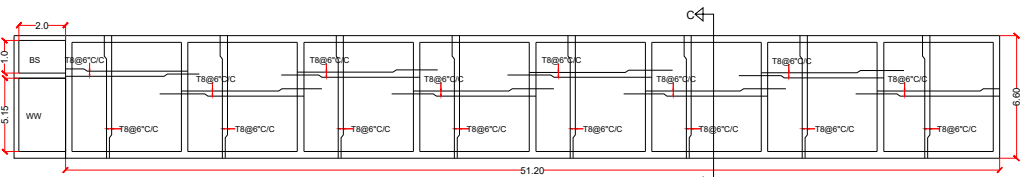
TYPE 03



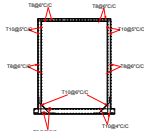
PLAN



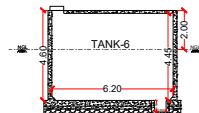
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT C-C

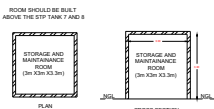
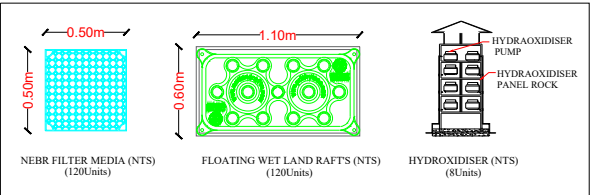


SECTION AT B-B

AREA - 6.60m X 135.20m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	6.20	6.20	4.00	153.76	8.0	1230.08
PHYTO REMEDATION AREA						
1	6.30	5.30	2.00	66.78	14.0	934.92
1	6.30	5.20	2.00	65.52	1.0	65.52
BAR SCREEN AND WETWELL AREA						
BS	1.0	2.0	1.50	3.0	1.0	3.0
WW	5.15	2.0	3.60	37.08	1.0	37.08

- 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 : 400 KLD
 5. PHYTORED METHODS
 6. FOR 600 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 (400 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-60

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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