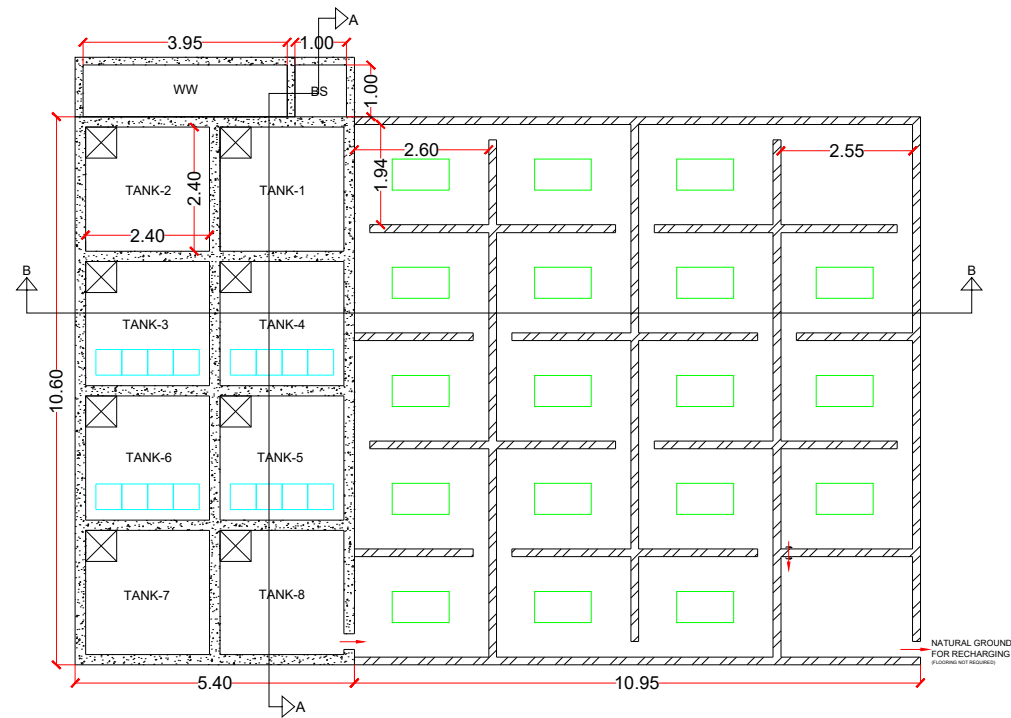
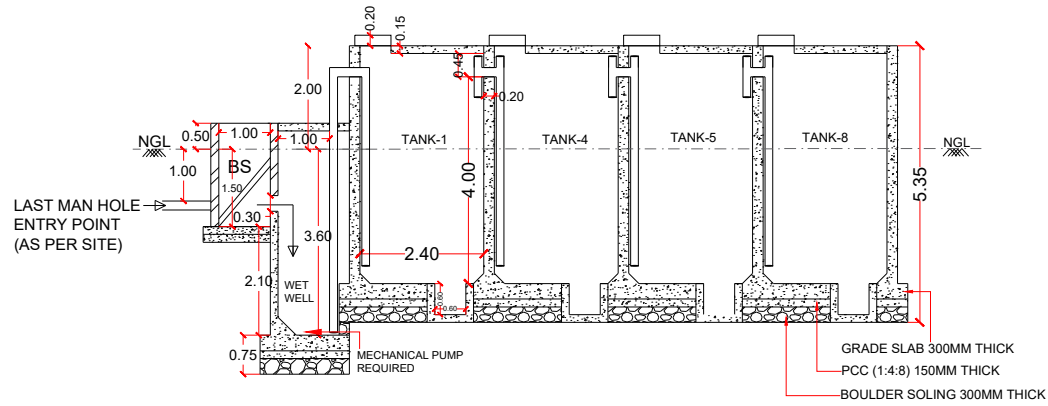


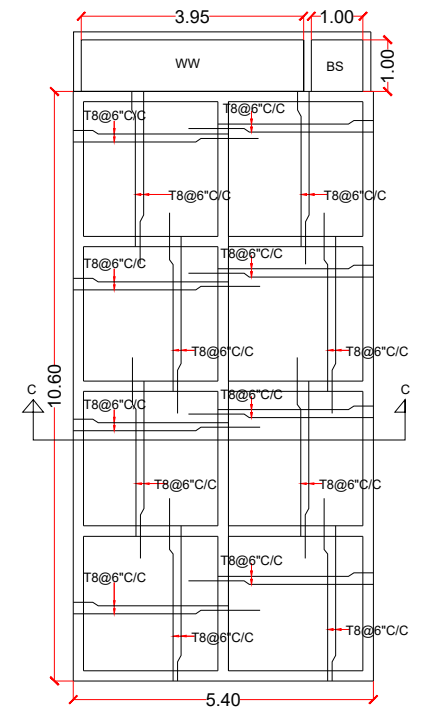
TYPE 01



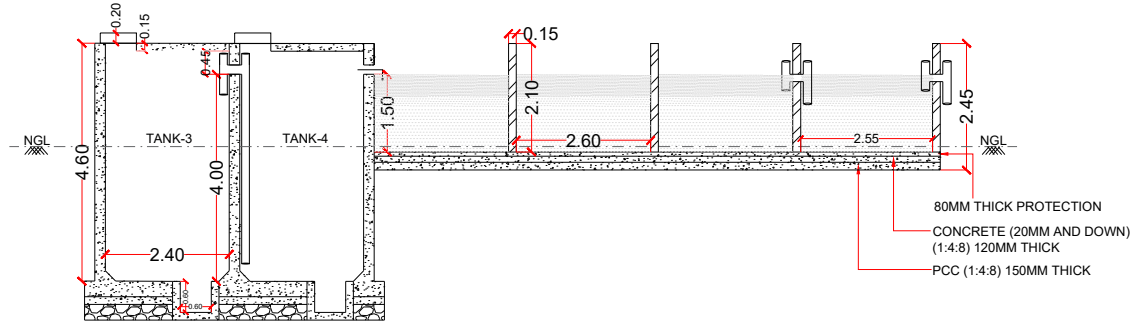
PLAN



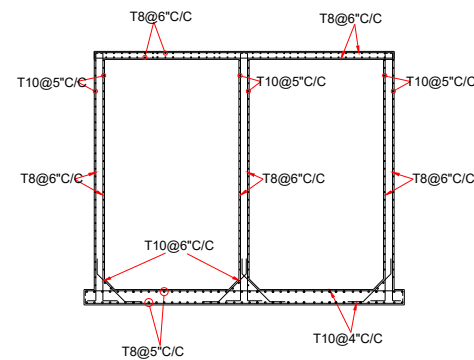
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT B-B



SECTION AT C-C

AREA - 11.75m X 16.35m

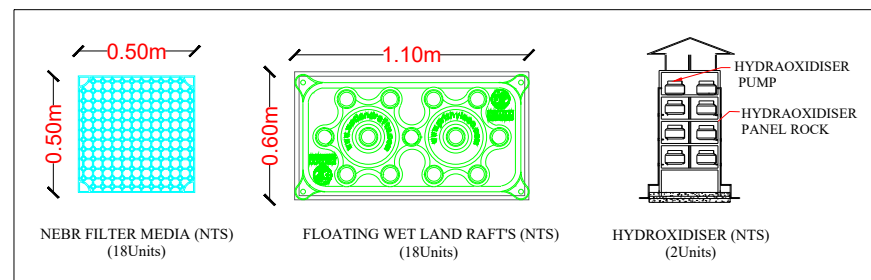
ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.40	2.40	4.00	23.04	8.0	184.32
PHYTO REMEDIATION AREA						
1	1.94	2.60	1.50	7.56	15.0	113.49
1	1.94	2.55	1.50	7.42	5.0	37.10
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	3.95	1.0	3.60	14.22	1.0	14.22

NOTE

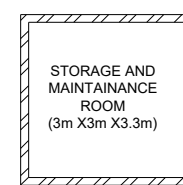
1. STP DRAWING
2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
4. STP CAPACITY : 60 KLD
5. PHYTORED METHODS
6. FOR 90 HOUSES ONLY
7. GRADE OF CONCRETE M30.
8. GRADE OF STEEL Fe550.
7. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE= 50XØ OF BAR
8. CLEAR COVER FOR SLAB 20mm.
9. 2-3kW POWER REQUIRED.
10. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

NOTE -

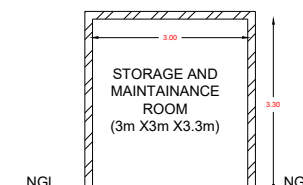
1. **WET WELL TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF BAR SCREEN.**
2. **BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE GROUND LEVEL.**



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

PROJECT : PROPOSED NEBR TYPE STP (60 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-28

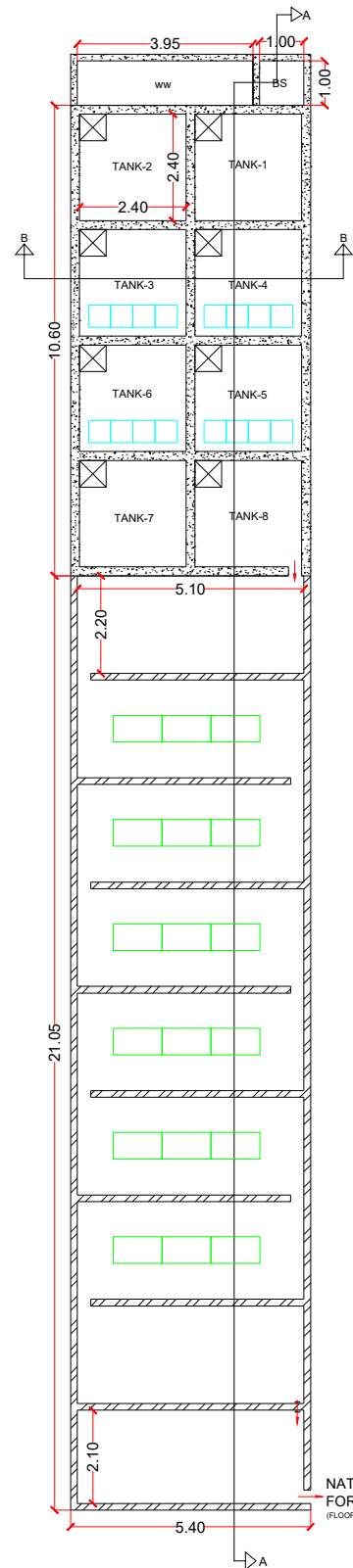
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

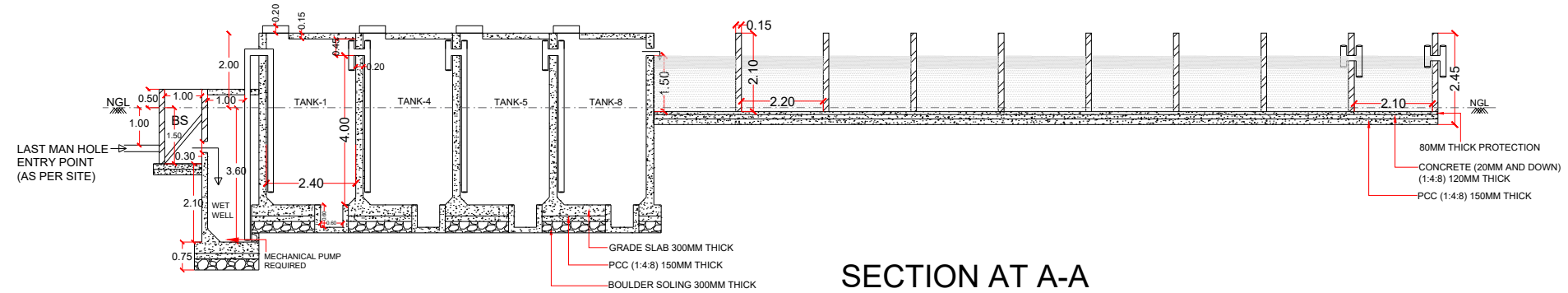


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#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area, Mysuru-570018.
Kris. Madhusudan (MD). Mobile - 98452 01959.
Email-info@green.in Web - www.prithvieco.com

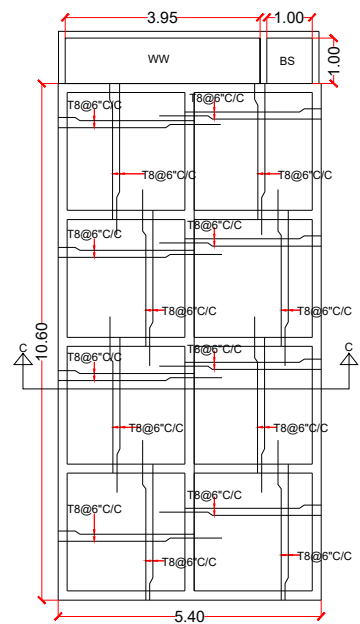
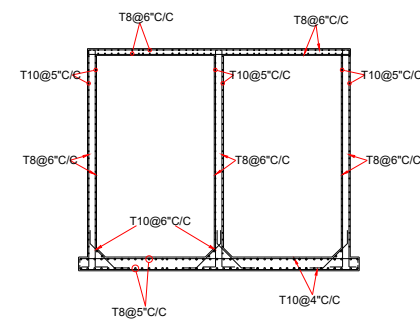
TYPE 02



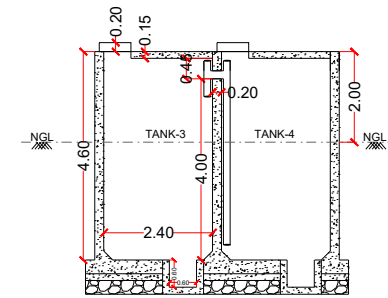
PLAN



SECTION AT A-A

REINFORCEMENT
DETAILS

SECTION AT C-C

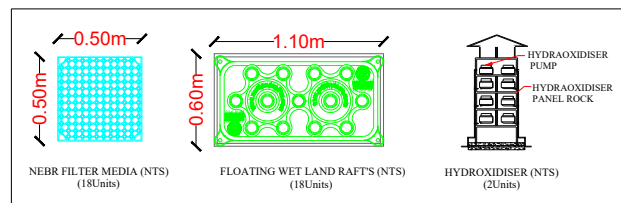


SECTION AT B-B

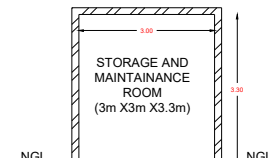
AREA - 32.80m X 5.40m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.40	2.40	4.00	23.04	8.0	184.32
PHYTO REMEDATION AREA						
1	2.20	5.10	1.50	16.83	8.0	134.64
1	2.10	5.10	1.50	16.06	1.0	16.06
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	3.95	1.0	3.60	14.22	1.0	14.22

- 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 : 60 KLD
 5. PHYTORED METHODS
 6. FOR 90 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 (60 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-29

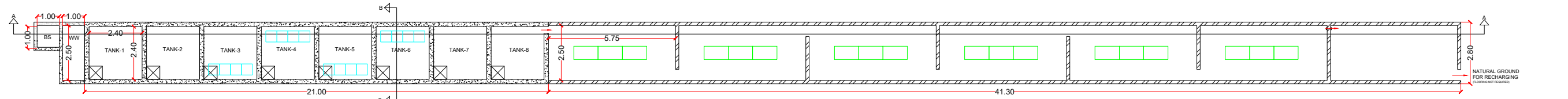
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

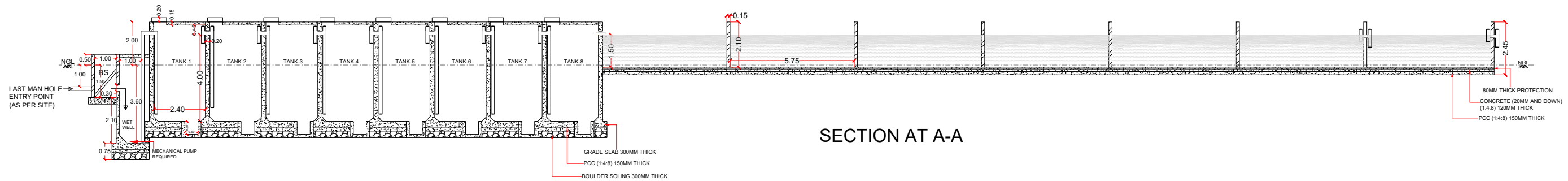


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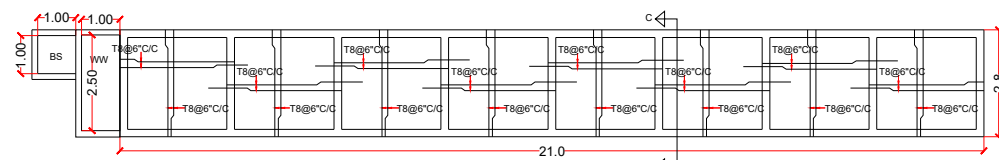
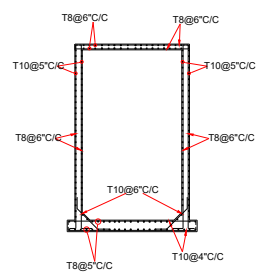
TYPE 03



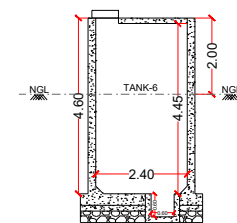
PLAN



SECTION AT A-A

REINFORCEMENT
DETAILS

SECTION AT C-C

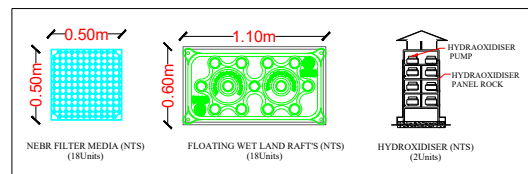


SECTION AT B-B

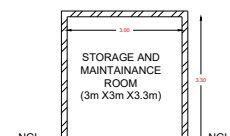
AREA - 2.80m X64.60m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.40	2.40	4.00	23.04	8.0	184.32
PHYTO REMEDIATION AREA						
1	2.50	5.75	1.50	21.56	7.0	150.93
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	2.50	1.0	3.60	9.0	1.0	9.0

- 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 : 60 KLD
 5. PHYTORED METHODS
 6. FOR 90 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 (60 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-30

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	



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