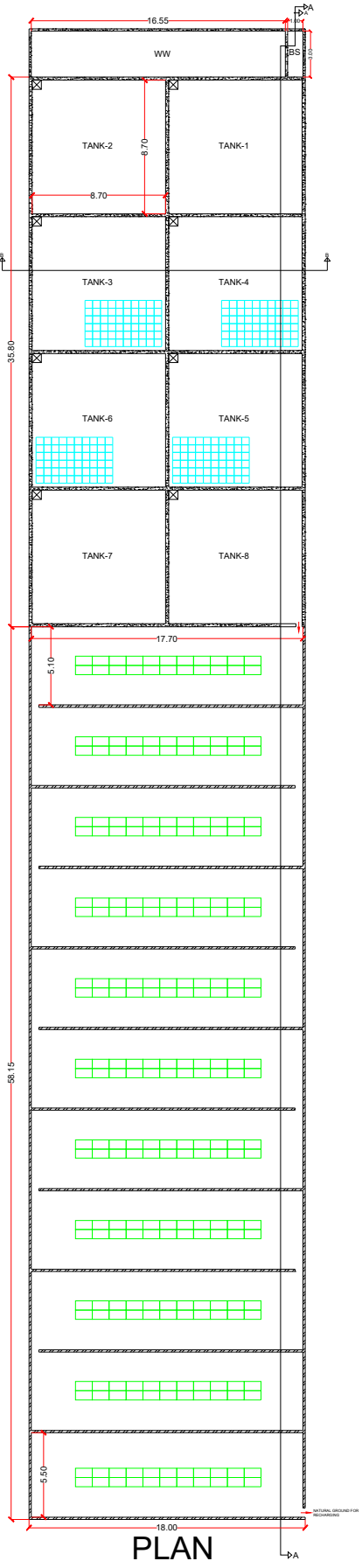
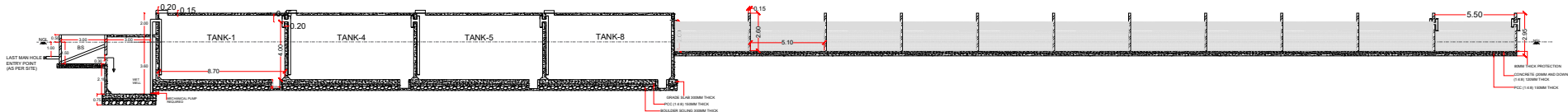


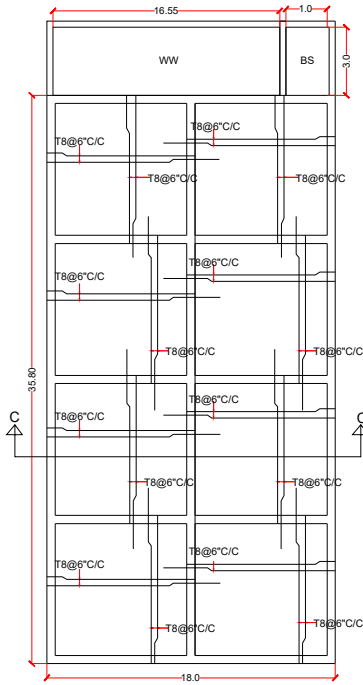
TYPE 02



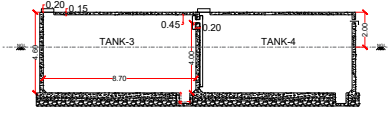
PLAN



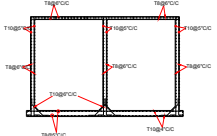
SECTION AT A-A



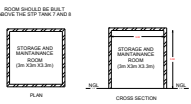
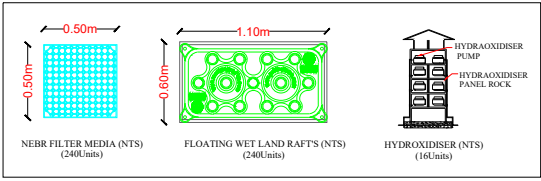
REINFORCEMENT
DETAILS



SECTION AT B-B



SECTION AT C-C



- 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.
 9. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
 10. CLEAR COVER FOR SLAB 20mm.
 11. 3-6KW POWER REQUIRED.
 12. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

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

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

- 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**.

[illegible][illegible][illegible][illegible]

TYPE 03

The figure shows the architectural details of a proposed NEBR Type STP (800 KLD). It includes a plan view showing eight tanks (TANK-1 to TANK-8) and a wet well (WW), followed by a long rectangular section. The section at A-A shows the internal structure of the tanks. The reinforcement details show the bar arrangement in the tanks. The section at C-C shows the cross-section of a tank. The section at B-B shows the cross-section of a tank.

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						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
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						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
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.
9. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
10. CLEAR COVER FOR SLAB 20mm.
11. 3–6KW POWER REQUIRED.
12. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

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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[illegible][illegible]

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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 -

- 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 : 800 KLD
- PHYTORED METHODS
- FOR 1200 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.
- 3–6KW POWER REQUIRED.
- STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

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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TYPE 03

The figure shows the architectural details of a proposed NEBR Type STP (800 KLD). It includes a plan view showing eight tanks (TANK-1 to TANK-8) and a wet well (WW), followed by a long rectangular section. The plan view also shows reinforcement details for each tank. The section at A-A shows the cross-section of the tanks and the wet well. The section at C-C shows the cross-section of the tanks. The section at B-B shows the cross-section of the tanks.

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						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
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						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
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

- STP DRAWING
- STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
- TREATMENT METHOD : BIO CHEMICAL OXIDATION
- STP CAPACITY : 800 KLD
- PHYTORED METHODS
- FOR 1200 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.
- 3–6KW POWER REQUIRED.
- STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

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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[illegible]

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. 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-84

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						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
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						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
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.
9. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE = 50XØ OF BAR
10. CLEAR COVER FOR SLAB 20mm.
11. 3-6KW POWER REQUIRED.
12. STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

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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[illegible]

TYPE 03

The figure shows the architectural details of a proposed NEBR Type STP (800 KLD). It includes a plan view, a section at A-A, reinforcement details, and a section at C-C.

PLAN: Shows the layout of the tanks. The total length is 116.65m and the width is 9.10m. The tanks are labeled TANK-1 through TANK-8. The wet well (WW) is located at the inlet. The natural ground level for recharging is indicated.

SECTION AT A-A: Shows the cross-section of the tanks. The depth of the tanks is 4.00m. The section shows the internal structure of the tanks and the wet well.

REINFORCEMENT DETAILS: Shows the reinforcement details for the tanks. The reinforcement is provided in the form of bars (Bs) and mesh (NTS).

SECTION AT C-C: Shows the cross-section of the tanks. The section shows the internal structure of the tanks and the wet well.

AREA - 9.10m X 191.20m

TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
ANAEROBIC AREA						
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:

- STP DRAWING
- STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
- TREATMENT METHOD : BIO CHEMICAL OXIDATION
- STP CAPACITY : 800 KLD
- PHYTORED METHODS
- FOR 1200 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.
- 3–6KW POWER REQUIRED.
- STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

PROJECT : PROPOSED NEBR TYPE STP (800 KLD)

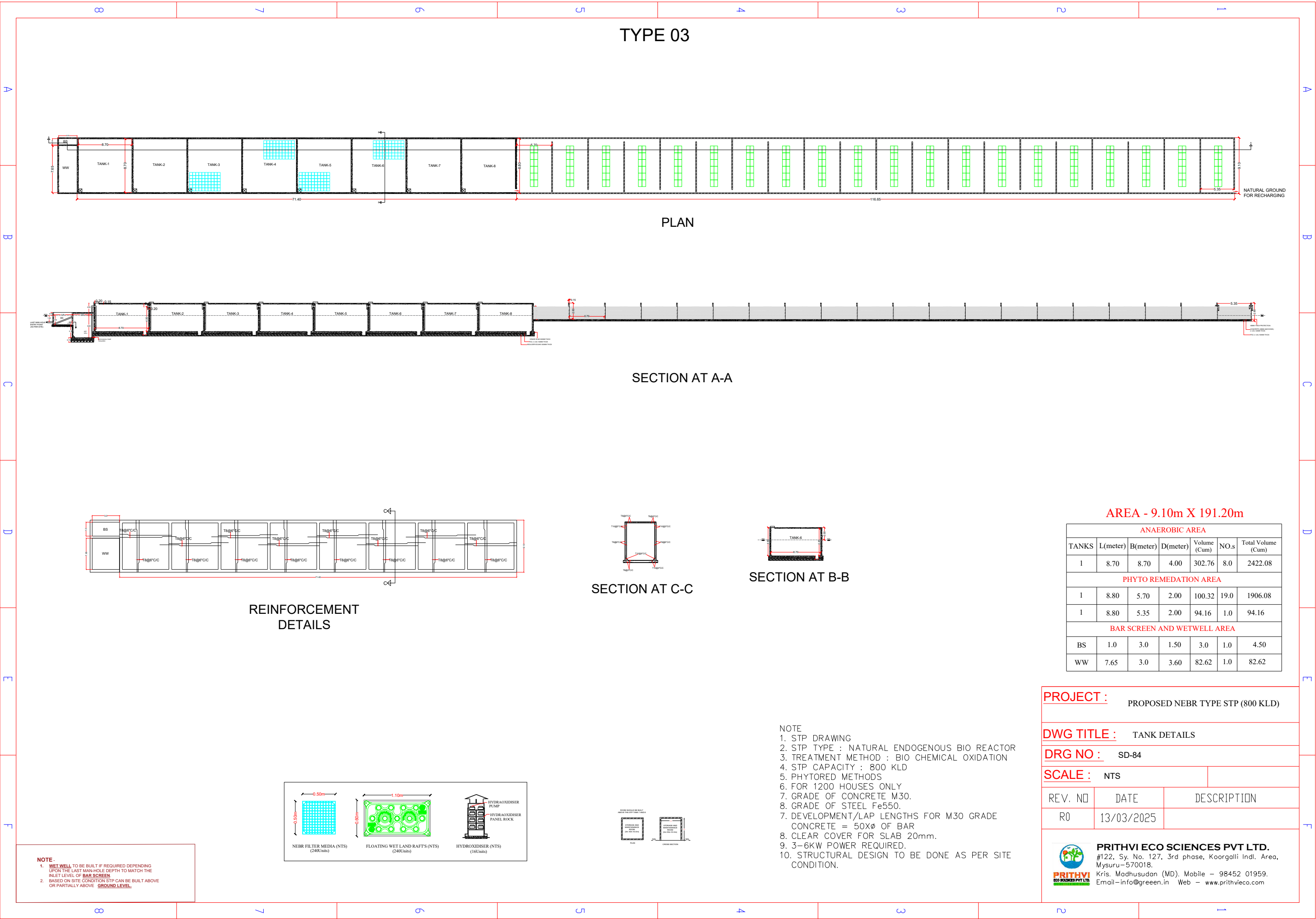
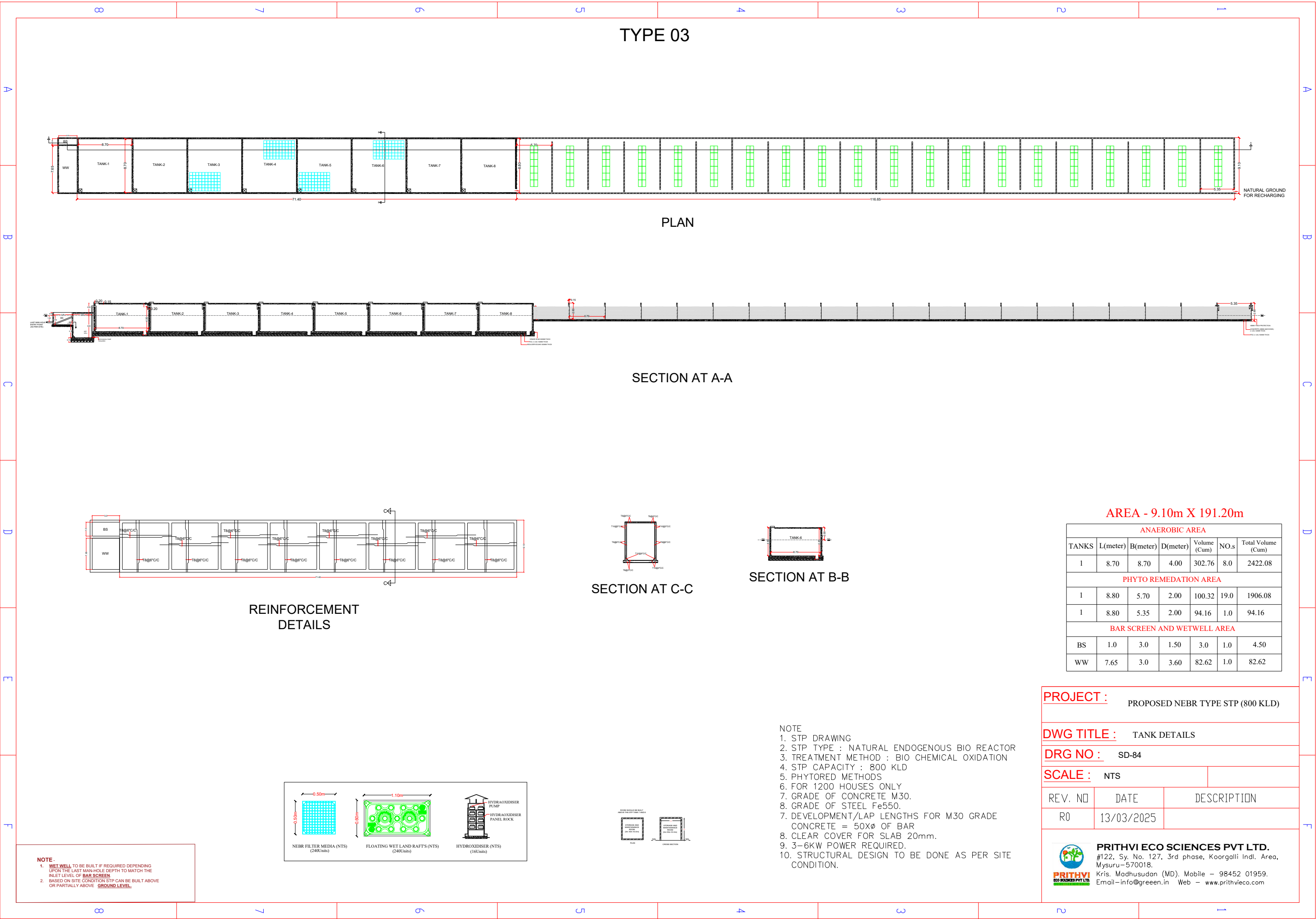
DWG TITLE : TANK DETAILS

DRG NO : SD-84

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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[illegible]

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. **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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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.