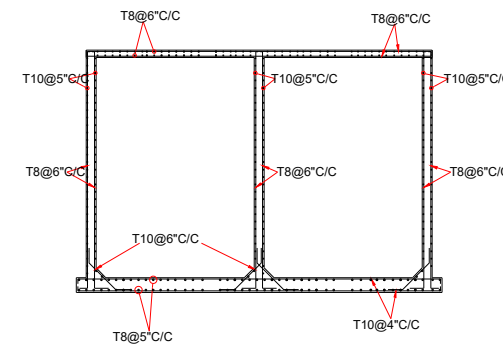
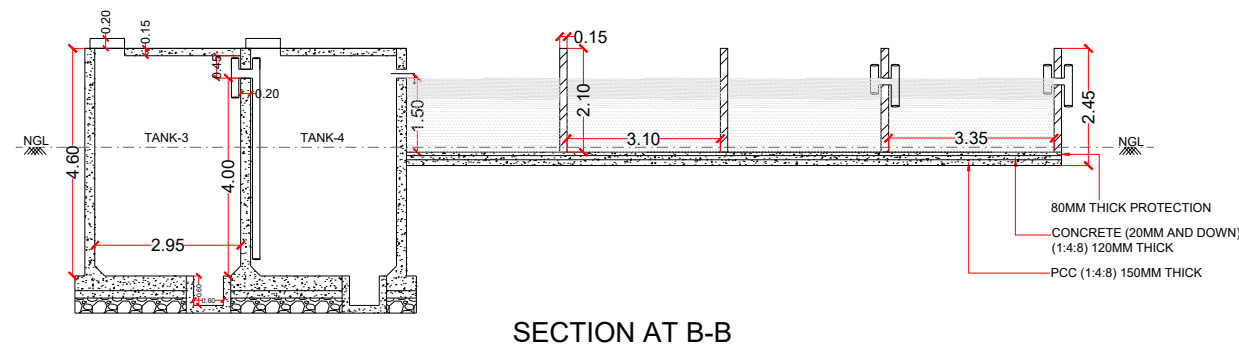
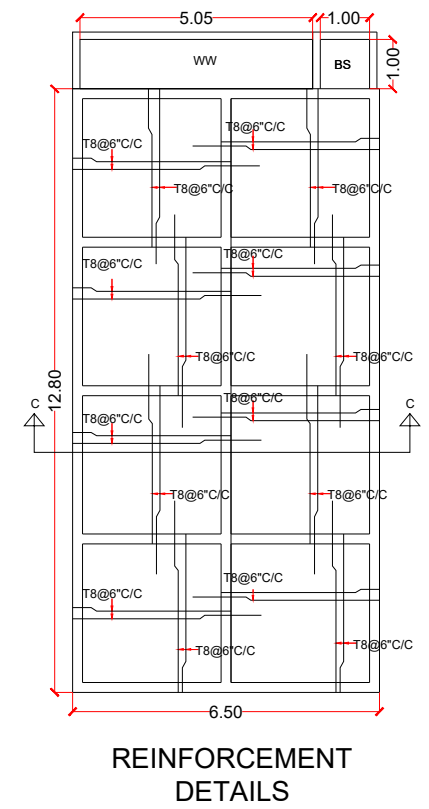
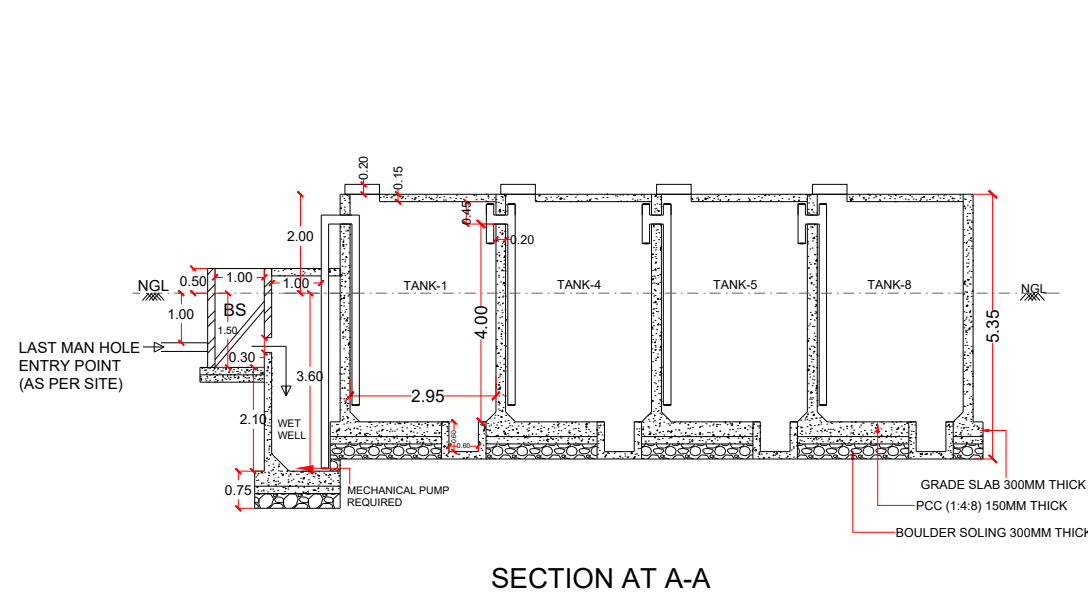
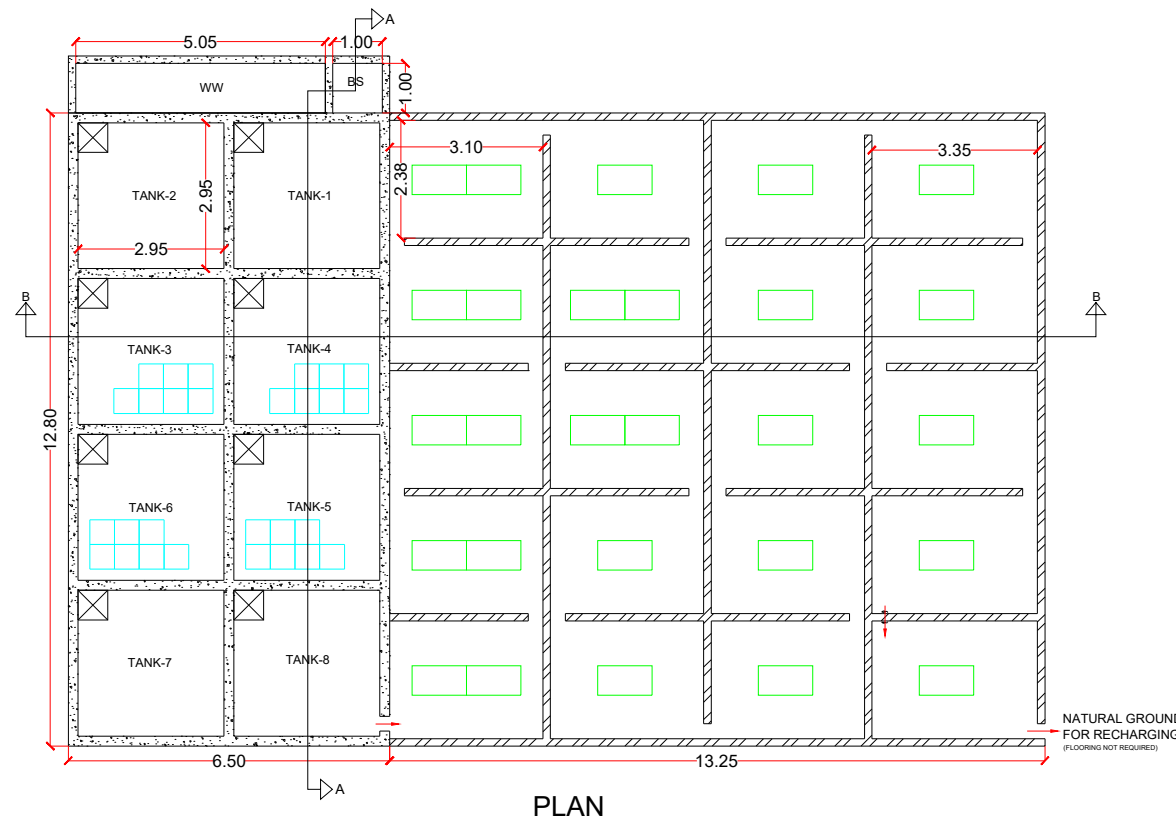


# TYPE 01



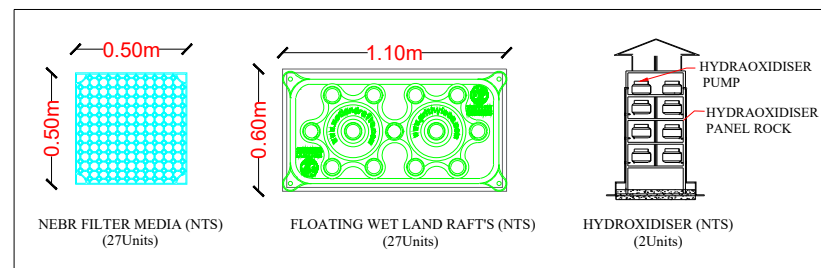
AREA - 13.95m X 19.75m

| ANAEROBIC AREA              |          |          |          |              |      |                    |
|-----------------------------|----------|----------|----------|--------------|------|--------------------|
| TANKS                       | L(meter) | B(meter) | D(meter) | Volume (Cum) | NO.s | Total Volume (Cum) |
| 1                           | 2.95     | 2.95     | 4.00     | 34.81        | 8.0  | 278.48             |
| PHYTO REMEDIATION AREA      |          |          |          |              |      |                    |
| 1                           | 2.38     | 3.10     | 1.50     | 11.06        | 15.0 | 166.00             |
| 1                           | 2.38     | 3.35     | 1.50     | 11.95        | 5.0  | 59.79              |
| BAR SCREEN AND WETWELL AREA |          |          |          |              |      |                    |
| BS                          | 1.0      | 1.0      | 1.50     | 1.50         | 1.0  | 1.50               |
| WW                          | 5.05     | 1.0      | 3.60     | 18.18        | 1.0  | 18.18              |

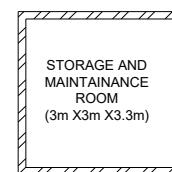
- NOTE
- STP DRAWING
  - STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
  - TREATMENT METHOD : BIO CHEMICAL OXIDATION
  - STP CAPACITY : 90 KLD
  - PHYTORED METHODS
  - FOR 135 HOUSES ONLY
  - GRADE OF CONCRETE M30.
  - GRADE OF STEEL Fe550.
  - DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE= 50xØ OF BAR
  - CLEAR COVER FOR SLAB 20mm.
  - 2-3KW POWER REQUIRED.
  - STRUCTURAL DESIGN TO BE DONE AS PER SITE CONDITION.

## NOTE -

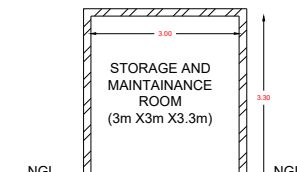
- WET WELL TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF BAR SCREEN.**
- BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE GROUND LEVEL.**



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

**PROJECT :** PROPOSED NEBR TYPE STP (90 KLD)

**DWG TITLE :** TANK DETAILS

**DRG NO :** SD-37

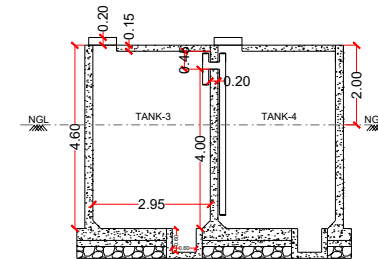
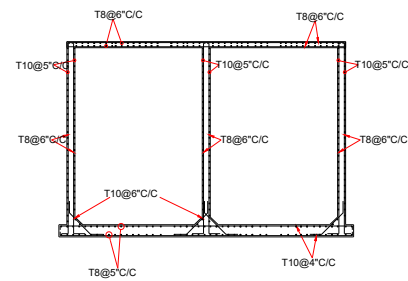
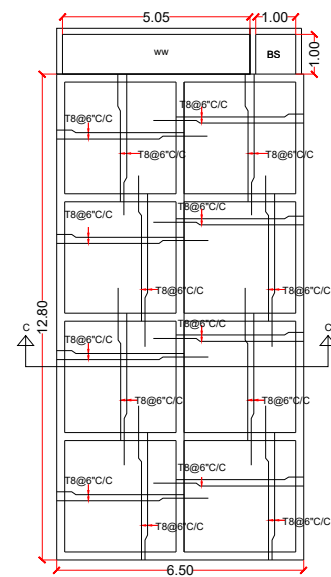
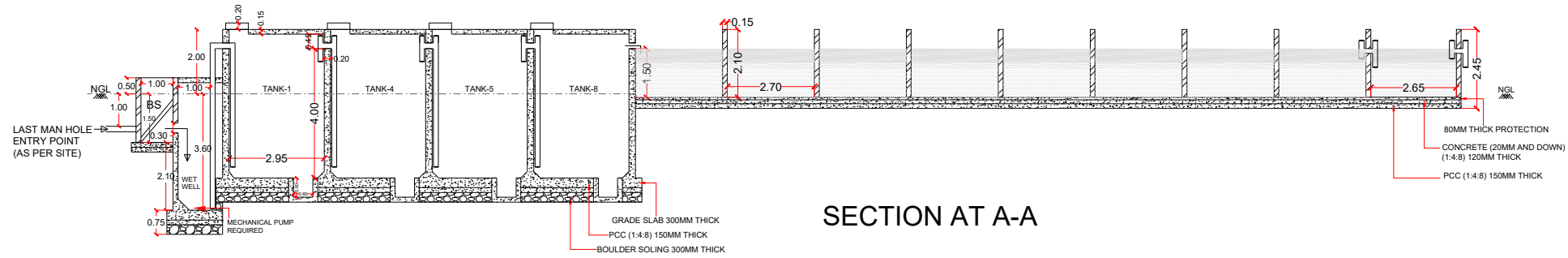
**SCALE :** NTS

| 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



AREA - 39.55m X 6.50m

| ANAEROBIC AREA              |          |          |          |              |      |                    |
|-----------------------------|----------|----------|----------|--------------|------|--------------------|
| TANKS                       | L(meter) | B(meter) | D(meter) | Volume (Cum) | NO.s | Total Volume (Cum) |
| 1                           | 2.95     | 2.95     | 4.00     | 34.81        | 8.0  | 278.48             |
| PHYTO REMEDIATION AREA      |          |          |          |              |      |                    |
| 1                           | 2.70     | 6.20     | 1.50     | 25.11        | 8.0  | 200.88             |
| 1                           | 2.65     | 6.20     | 1.50     | 24.64        | 1.0  | 24.64              |
| BAR SCREEN AND WETWELL AREA |          |          |          |              |      |                    |
| BS                          | 1.0      | 1.0      | 1.50     | 1.50         | 1.0  | 1.50               |
| WW                          | 5.05     | 1.0      | 3.60     | 18.18        | 1.0  | 18.18              |

PROJECT : PROPOSED NEBR TYPE STP (90 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-38

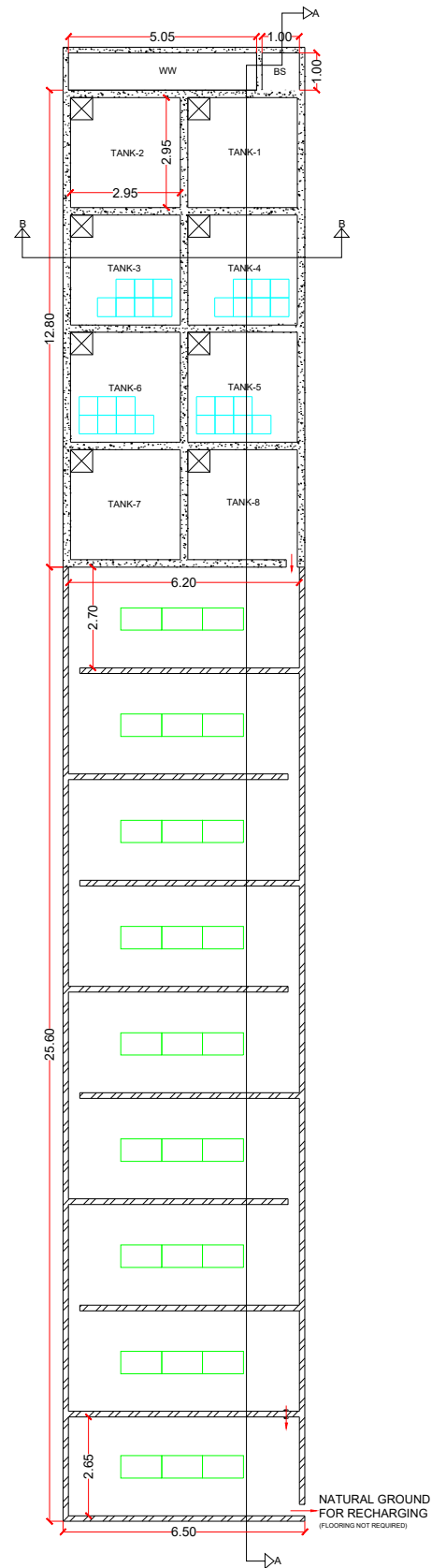
SCALE : NTS

| REV. NO | DATE       | DESCRIPTION |
|---------|------------|-------------|
| R0      | 13/03/2025 |             |



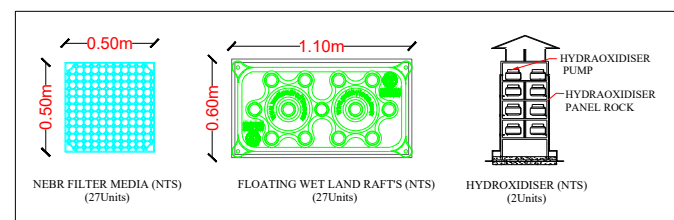
**PRITHVI ECO SCIENCES PVT LTD.**  
#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area,  
Mysuru-570018.  
Kris. Madhusudan (MD). Mobile - 98452 01959.  
Email-info@green.in Web - www.prithvieco.com

## PLAN

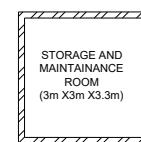


## NOTE -

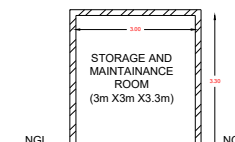
1. **WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
2. BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



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 : 90 KLD
5. PHYTORED METHODS
6. FOR 135 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.

## TYPE 03

PLAN

SECTION AT A-A

REINFORCEMENT  
DETAILS

SECTION AT C-C

SECTION AT B-B

AREA - 3.35m X 78.65m

| ANAEROBIC AREA              |          |          |          |              |      |                    |
|-----------------------------|----------|----------|----------|--------------|------|--------------------|
| TANKS                       | L(meter) | B(meter) | D(meter) | Volume (Cum) | NO.s | Total Volume (Cum) |
| 1                           | 2.95     | 2.95     | 4.00     | 34.81        | 8.0  | 278.48             |
| PHYTO REMEDATION AREA       |          |          |          |              |      |                    |
| 1                           | 3.05     | 4.50     | 1.50     | 20.58        | 10.0 | 205.87             |
| 1                           | 3.05     | 4.30     | 1.50     | 19.67        | 1.0  | 19.67              |
| BAR SCREEN AND WETWELL AREA |          |          |          |              |      |                    |
| BS                          | 1.0      | 1.0      | 1.50     | 1.50         | 1.0  | 1.50               |
| WW                          | 3.05     | 1.0      | 3.60     | 10.98        | 1.0  | 10.98              |

PROJECT : PROPOSED NEBR TYPE STP (90 KLD)

DWG TITLE : TANK DETAILS

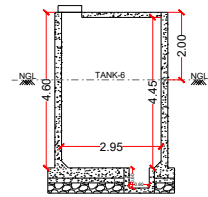
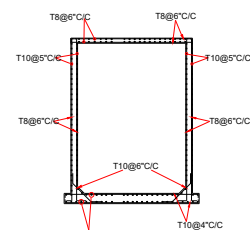
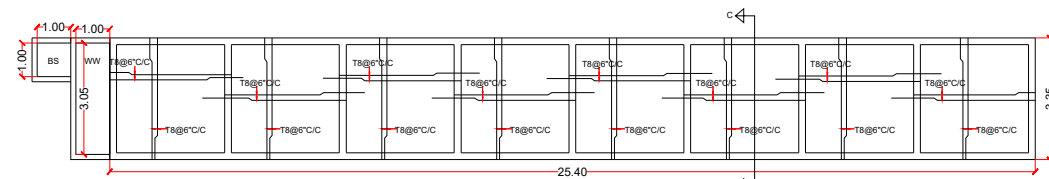
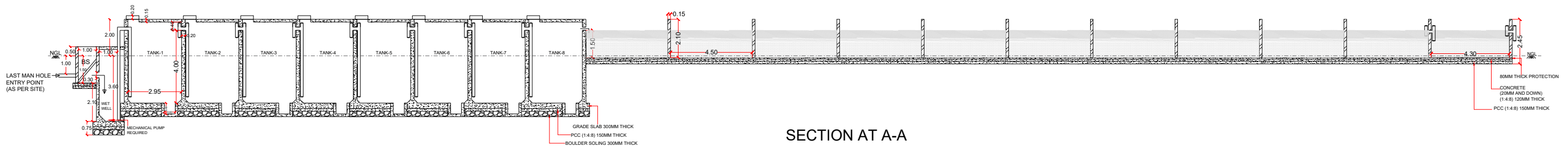
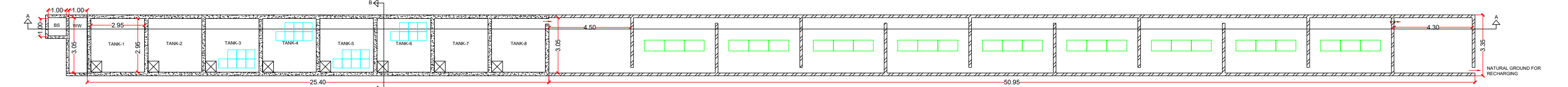
DRG NO : SD-39

SCALE : NTS

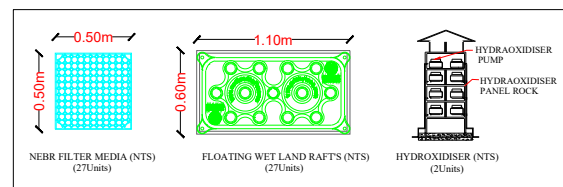
| REV. NO | DATE       | DESCRIPTION |
|---------|------------|-------------|
| R0      | 13/03/2025 |             |



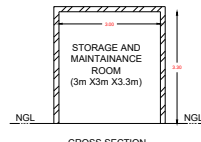
**PRITHVI ECO SCIENCES PVT LTD.**  
#122, Sy. No. 127, 3rd phase, Koorgalli Indl. Area,  
Mysuru-570018.  
Kris. Madhusudan (MD). Mobile - 98452 01959.  
Email-info@green.in Web - www.prithvieco.com



- NOTE -**
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 : 90 KLD
  5. PHYTORED METHODS
  6. FOR 135 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.