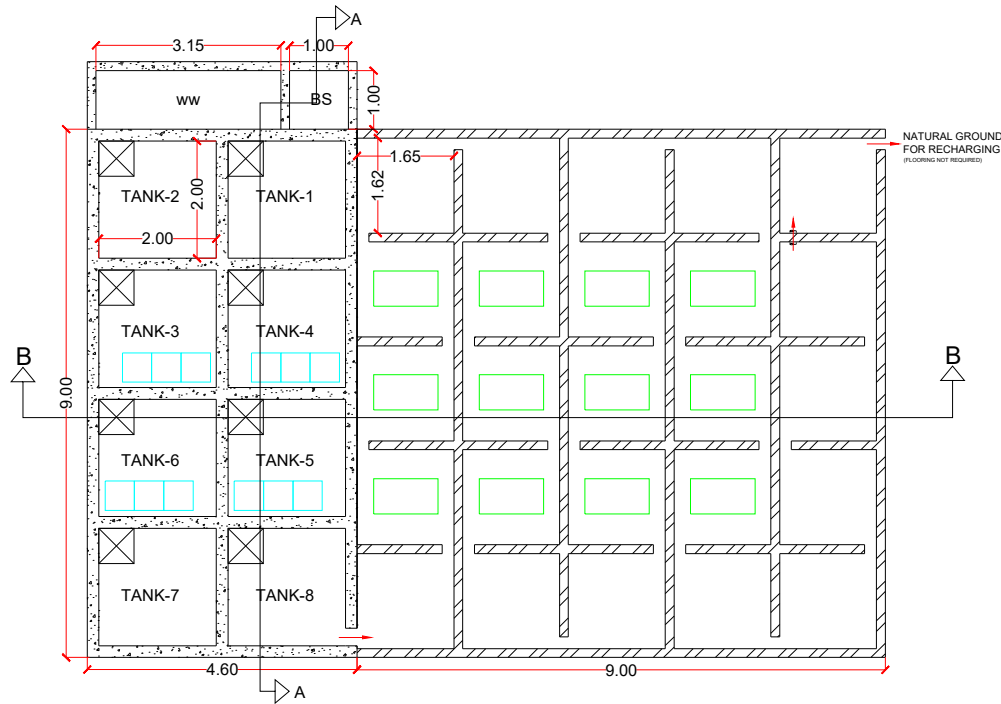
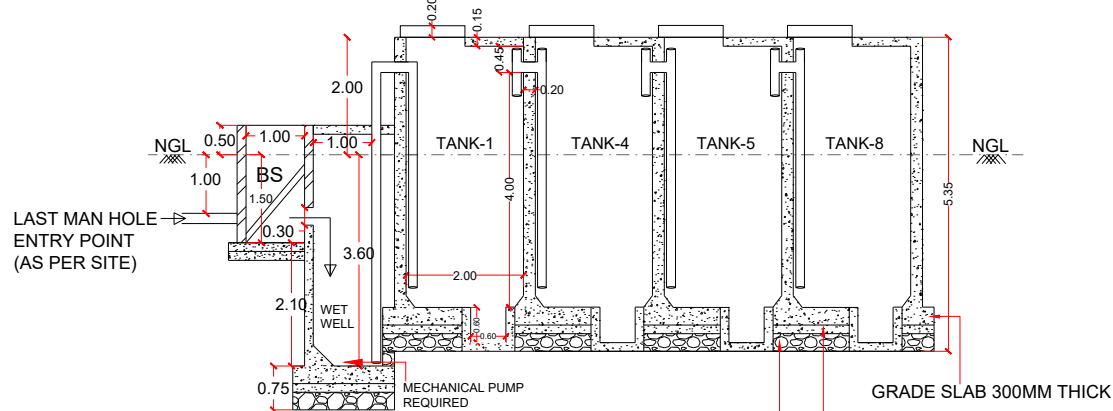


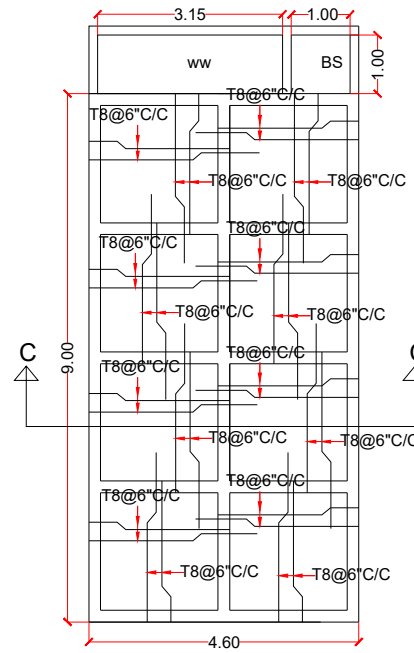
TYPE 01



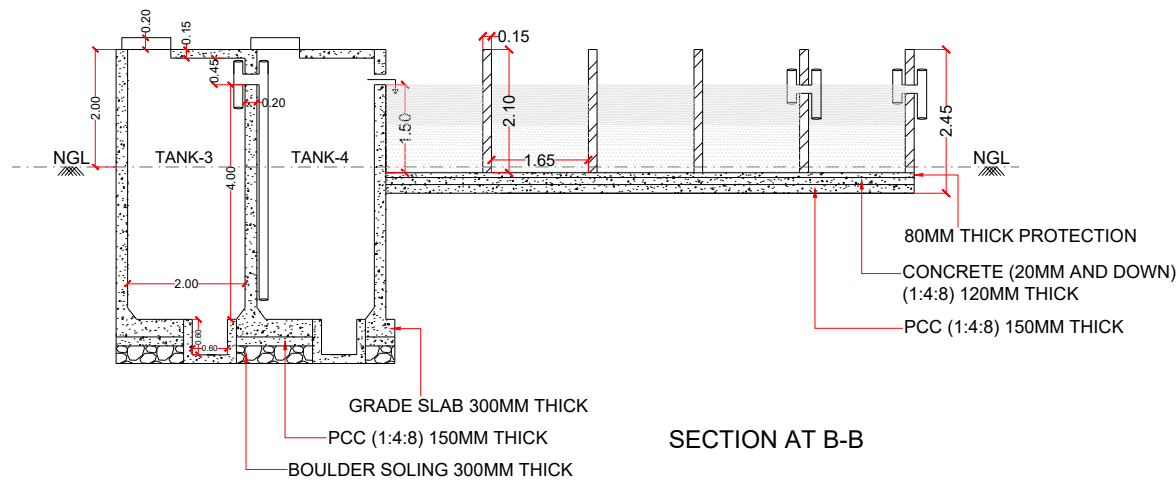
PLAN



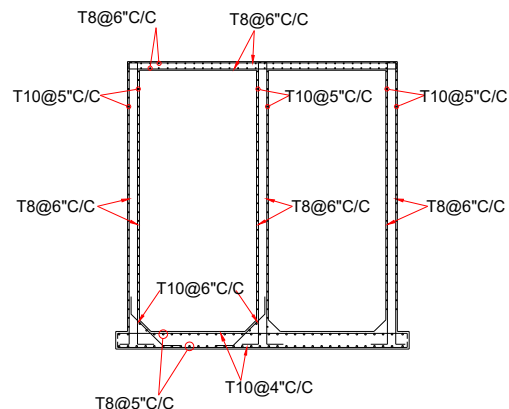
SECTION AT A-A



REINFORCEMENT
DETAILS



SECTION AT B-B



SECTION AT C-C

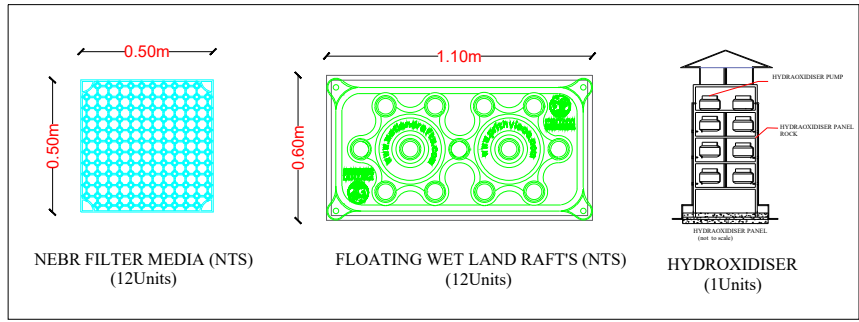
AREA - 10.15m X 13.60m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.0	2.0	4.0	16.0	8.0	128.0
PHYTO REMEDIATION AREA						
1	1.62	1.65	1.50	4.00	25.0	100.23
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	3.15	1.0	3.60	11.34	1.0	11.34

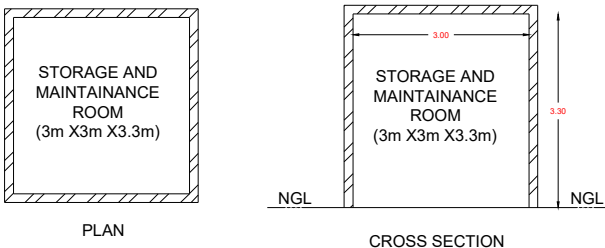
- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 40 KLD
 5. PHYTORED METHODS
 6. FOR 60 HOUSES ONLY
 7. GRADE OF CONCRETE M30.
 8. GRADE OF STEEL Fe550.
 7. DEVELOPMENT/LAP LENGTHS FOR M30 GRADE CONCRETE= 50XØ OF BAR
 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 (40 KLD)

DWG TITLE : TANK DETAILS

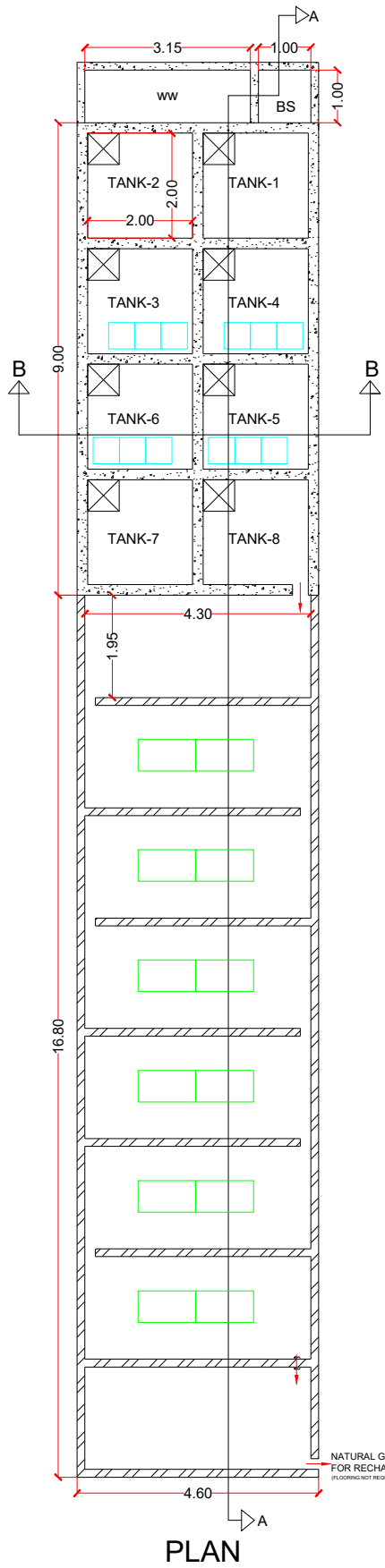
DRG NO : SD-19

SCALE : NTS

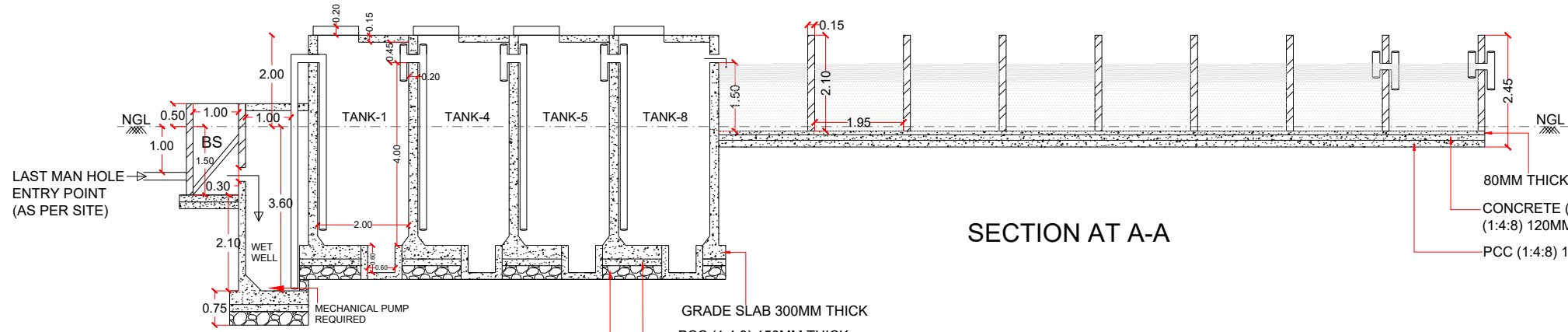
REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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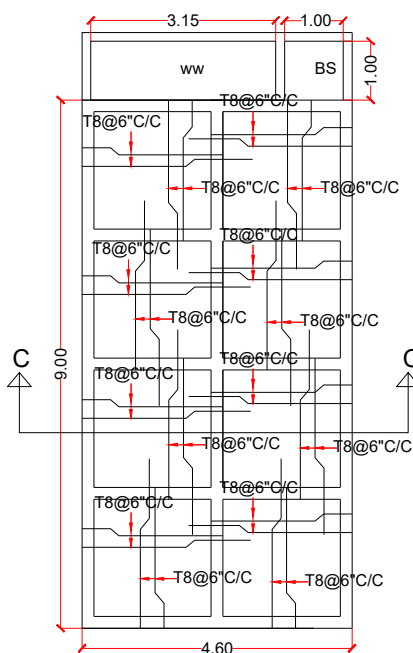
TYPE 02



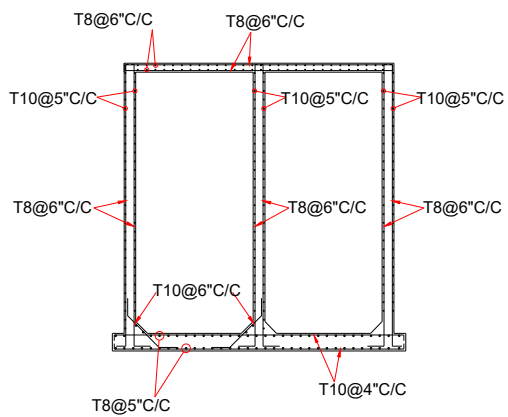
PLAN



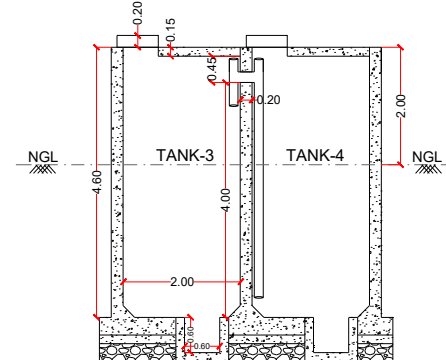
SECTION AT A-A



REINFORCEMENT DETAILS



SECTION AT C-C



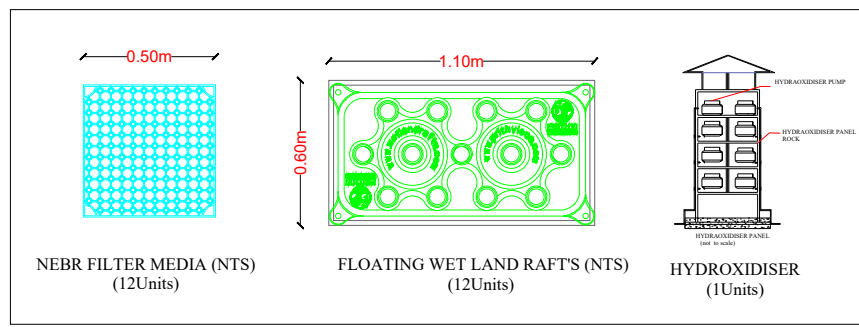
SECTION AT B-B

- NOTE
1. STP DRAWING
 2. STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 3. TREATMENT METHOD : BIO CHEMICAL OXIDATION
 4. STP CAPACITY : 40 KLD
 5. PHYTORED METHODS
 6. FOR 60 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.

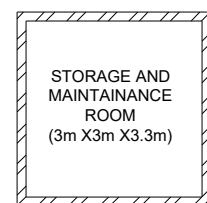
AREA - 26.95m X 4.60m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.0	2.0	4.0	16.0	8.0	128.0
PHYTO REMEDATION AREA						
1	1.95	4.30	1.50	12.57	8.0	100.62
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	3.15	1.0	3.60	11.34	1.0	11.34

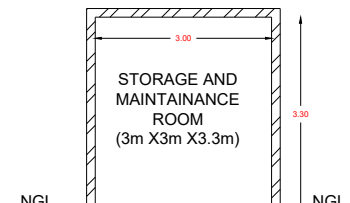
- NOTE -
1. **WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 2. BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

PROJECT : PROPOSED NEBR TYPE STP (40 KLD)

DWG TITLE : TANK DETAILS

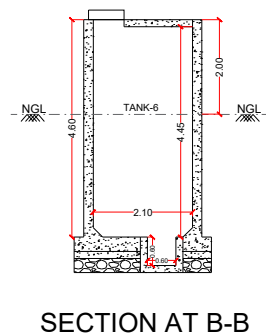
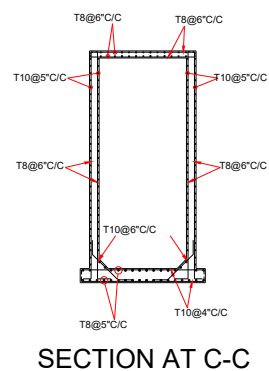
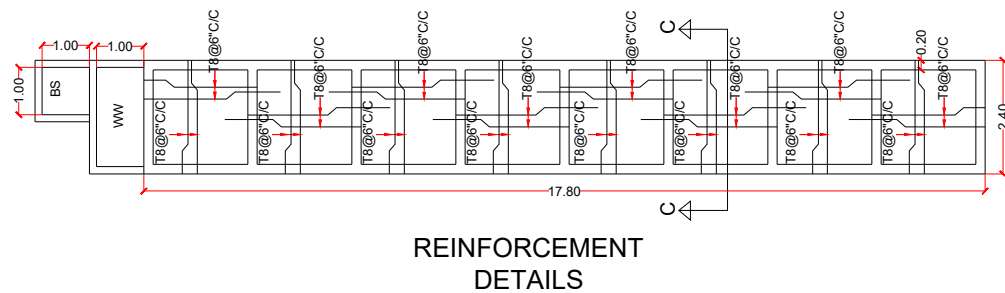
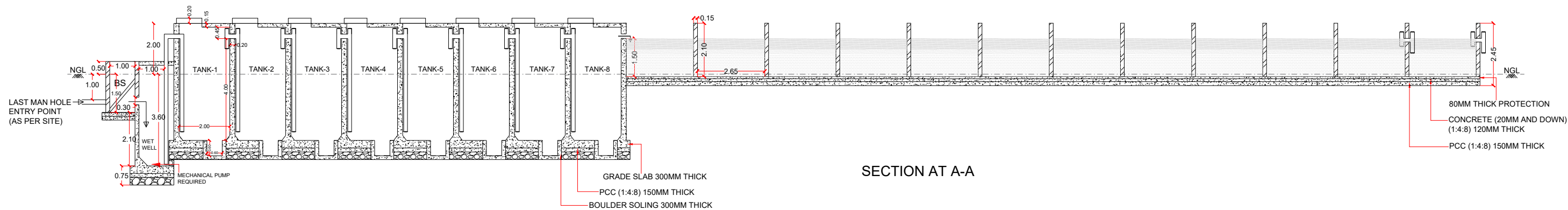
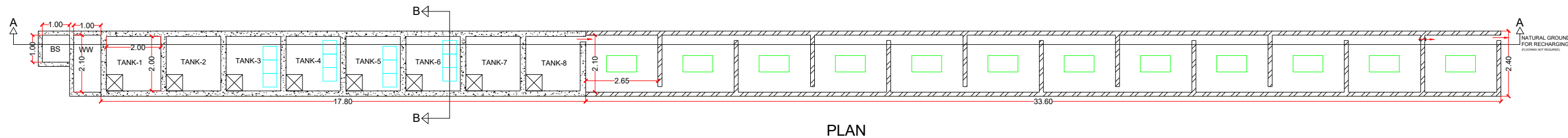
DRG NO : SD-20

SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

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TYPE 03



AREA - 2.40m X 53.70m

ANAEROBIC AREA						
TANKS	L(meter)	B(meter)	D(meter)	Volume (Cum)	NO.s	Total Volume (Cum)
1	2.0	2.0	4.0	16.0	8.0	128.0
PHYTO REMEDIATION AREA						
1	2.10	2.65	1.50	8.34	12.0	100.17
BAR SCREEN AND WETWELL AREA						
BS	1.0	1.0	1.50	1.50	1.0	1.50
WW	2.10	1.0	3.60	7.56	1.0	7.56

PROJECT : PROPOSED NEBR TYPE STP (40 KLD)

DWG TITLE : TANK DETAILS

DRG NO : SD-21

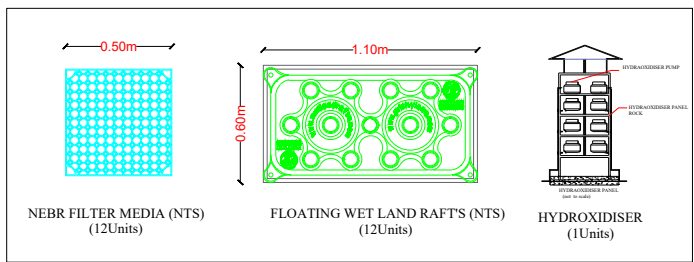
SCALE : NTS

REV. NO	DATE	DESCRIPTION
R0	13/03/2025	

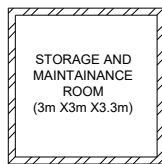


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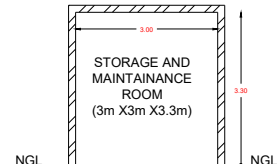
- NOTE -**
- WET WELL** TO BE BUILT IF REQUIRED DEPENDING UPON THE LAST MAN-HOLE DEPTH TO MATCH THE INLET LEVEL OF **BAR SCREEN**.
 - BASED ON SITE CONDITION STP CAN BE BUILT ABOVE OR PARTIALLY ABOVE **GROUND LEVEL**.



ROOM SHOULD BE BUILT ABOVE THE STP TANK 7 AND 8



PLAN



CROSS SECTION

- NOTE**
- STP DRAWING
 - STP TYPE : NATURAL ENDOGENOUS BIO REACTOR
 - TREATMENT METHOD : BIO CHEMICAL OXIDATION
 - STP CAPACITY : 40 KLD
 - PHYTORED METHODS
 - FOR 60 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.