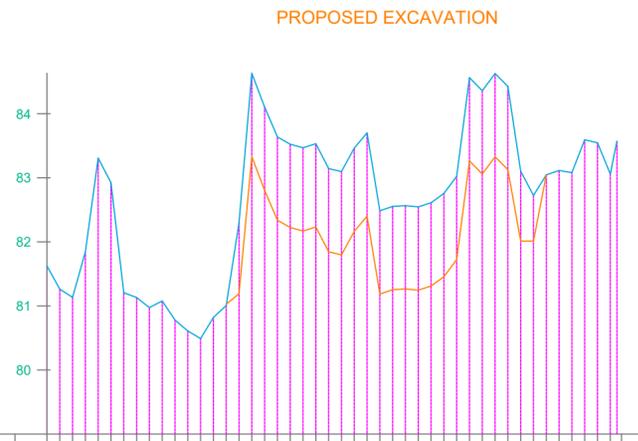


Datum: 79.0

Ground	81.624 81.262 81.134 81.844 85.307 87.767 81.131 80.974 81.077 80.669 80.490 80.820 81.006 84.631 84.104 83.638 83.524 83.593 83.145 83.096 83.463 82.432 82.593 82.546 82.546 82.711 83.024 84.563 84.359 84.027 83.102 82.725 83.046 83.014 83.594 83.546 83.059 83.571
Distance	0.000 20.000 40.000 60.000 80.000 100.000 120.000 140.000 160.000 180.000 200.000 220.000 240.000 260.000 280.000 300.000 320.000 340.000 360.000 380.000 400.000 420.000 440.000 460.000 480.000 500.000 520.000 540.000 560.000 580.000 600.000 620.000 640.000 660.000 680.000 700.000 720.000 740.000 760.000 780.000 800.000 820.000 840.000 860.000 880.000 890.322



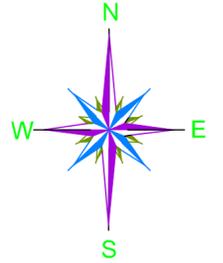
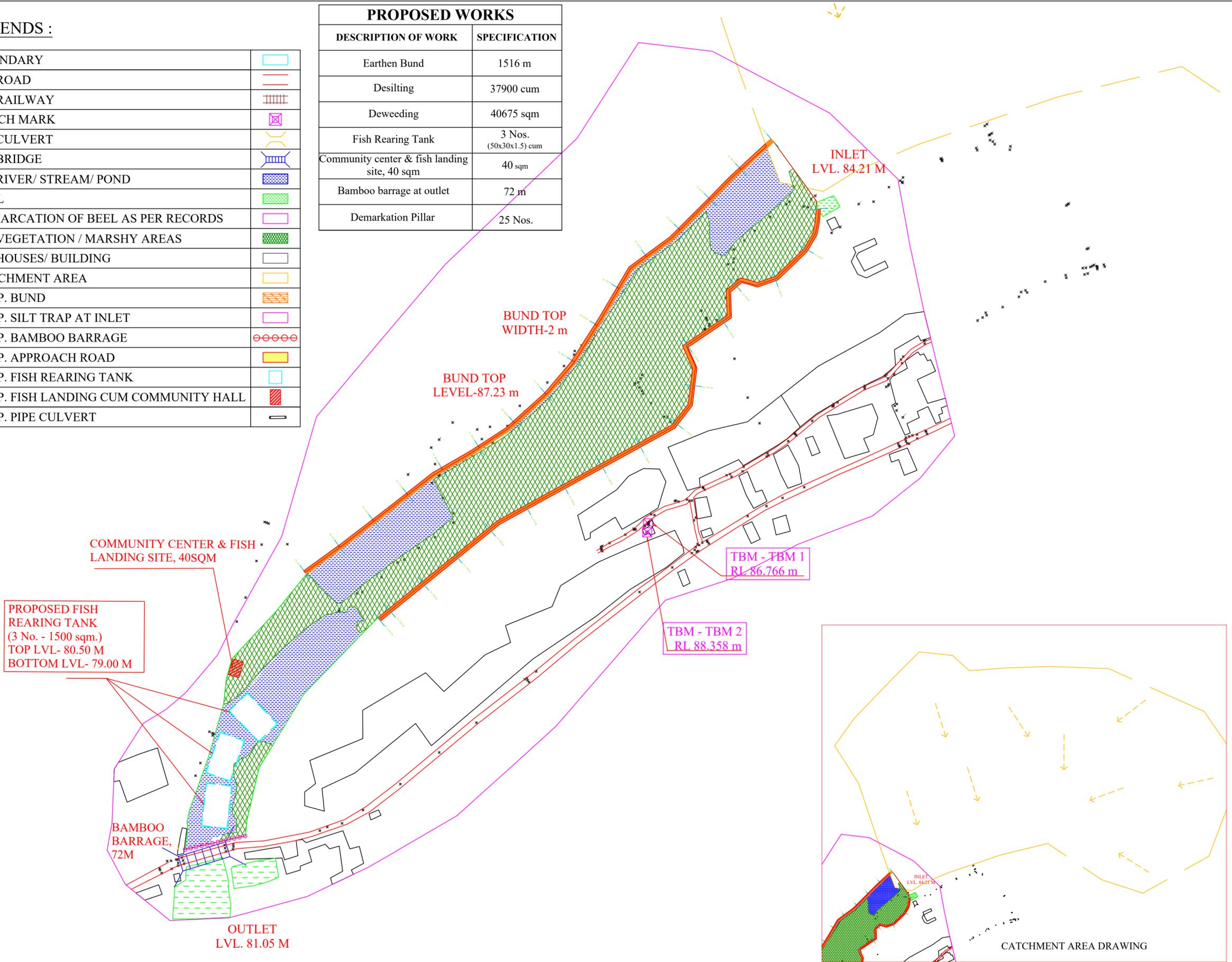
SECTION 1

PACKAGE NO.: 02			
NAME OF THE BEEL: TATINGA MEKHELI BARBEEL			
DEVELOPMENT BLOCK: MAJULI			
REVENUE VILLAGE: TATAYA			
DISTRICT: MAJULI			
AREA (Ha): 9.93 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT:			
CONSULTANT:			
DWG TITLE: BEEL CROSS SECTION DRAWING			
DATE:			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE:	DATE:	DATE:	DATE:
TEAM LEAD	A.E.	E.E.	S.E.

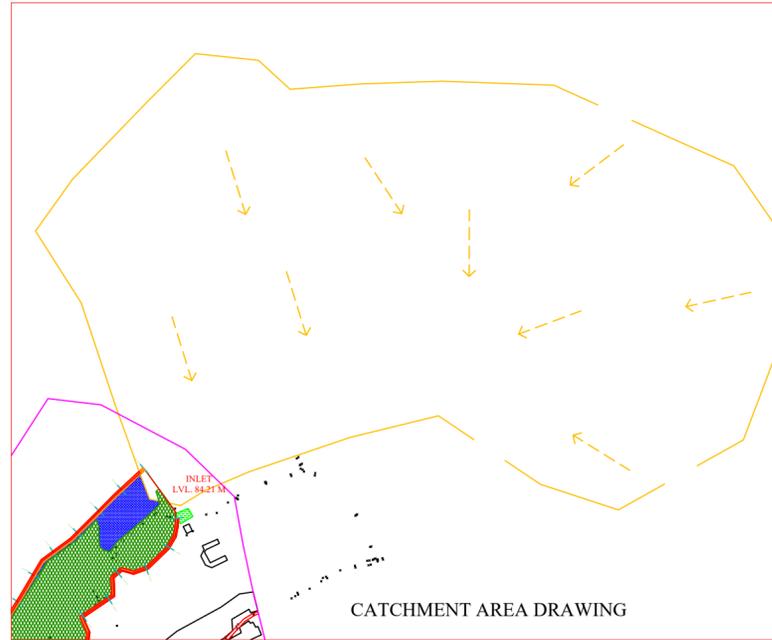
**LEGENDS :**

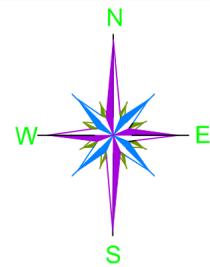
BOUNDARY	
EX. ROAD	
EX. RAILWAY	
BENCH MARK	
EX. CULVERT	
EX. BRIDGE	
EX. RIVER/ STREAM/ POND	
BEEL	
DEMARICATION OF BEEL AS PER RECORDS	
EX. VEGETATION / MARSHY AREAS	
EX. HOUSES/ BUILDING	
CATCHMENT AREA	
PROP. BUND	
PROP. SILT TRAP AT INLET	
PROP. BAMBOO BARRAGE	
PROP. APPROACH ROAD	
PROP. FISH REARING TANK	
PROP. FISH LANDING CUM COMMUNITY HALL	
PROP. PIPE CULVERT	

PROPOSED WORKS	
DESCRIPTION OF WORK	SPECIFICATION
Earthen Bund	1516 m
Desilting	37900 cum
Deweeding	40675 sqm
Fish Rearing Tank	3 Nos. (50x30x1.5) cum
Community center & fish landing site, 40 sqm	40 sqm
Bamboo barrage at outlet	72 m
Demarcation Pillar	25 Nos.

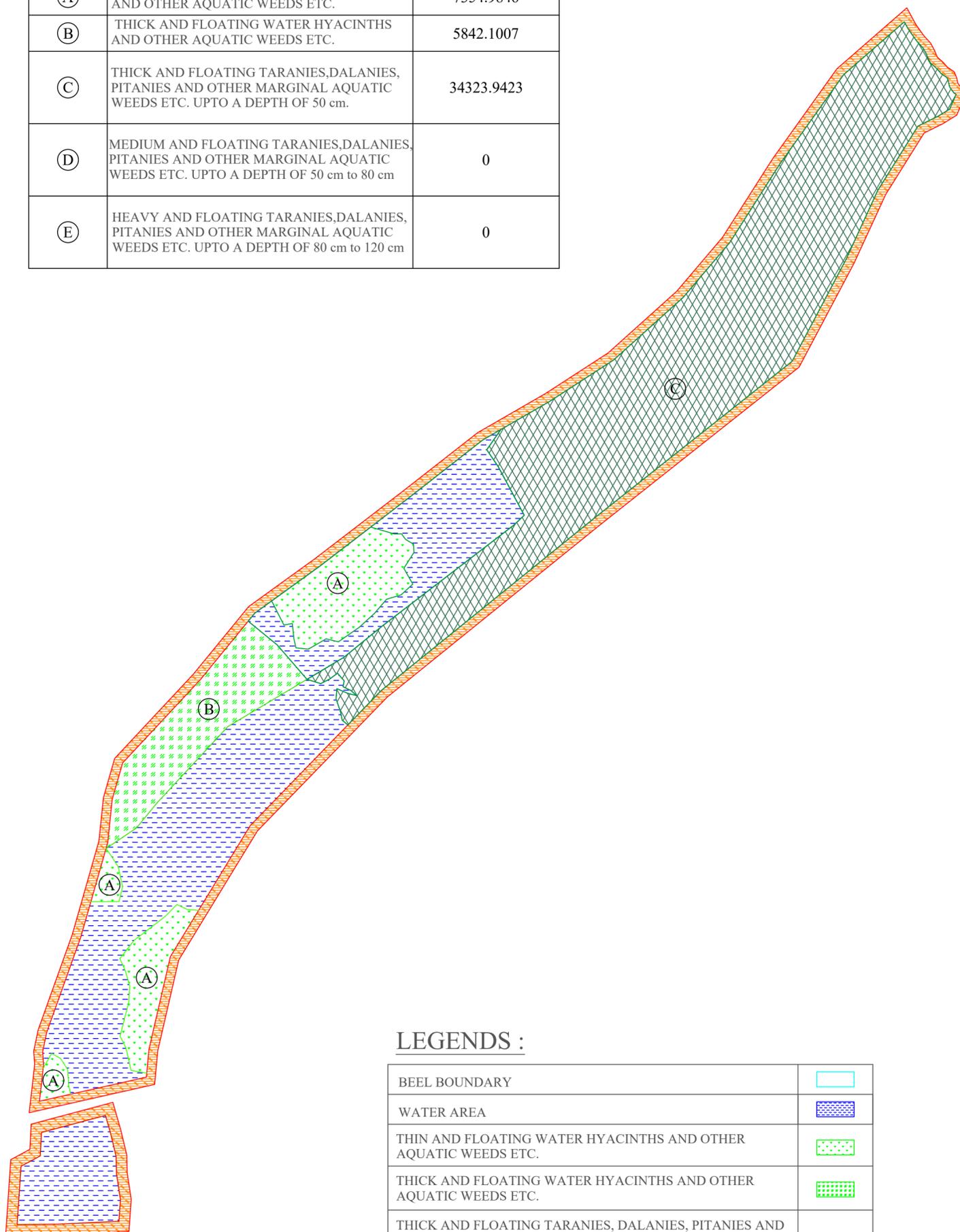


PACKAGE NO.:	02
NAME OF THE BEEL:	TATINGA MEKHELI BARBEEL BEEL
DEVELOPMENT BLOCK:	MAJULI
REVENUE VILLAGE:	TATAYA
DISTRICT:	MAJULI
AREA (Ha):	9.93 Ha
PROJECT TITLE:	Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project
CLIENT :	
CONSULTANT :	
DWG TITLE :	MASTERPLAN LAYOUT OF TATINGA MEKHELI BARBEEL BEEL
DATE :	
CHECKED BY:	SUBMITTED TO: RECOMMENDED BY: APPROVED BY:
DATE :	DATE : DATE : DATE :
TEAM LEAD	A.E. E.E. S.E.





AREA DETAILS		
SYMBOL	DESCRIPTION	AREA (Sq. m)
(A)	THIN AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	7354.9846
(B)	THICK AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	5842.1007
(C)	THICK AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm.	34323.9423
(D)	MEDIUM AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm to 80 cm	0
(E)	HEAVY AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 80 cm to 120 cm	0



**LEGENDS :**

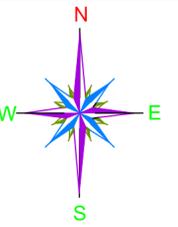
BEEEL BOUNDARY	
WATER AREA	
THIN AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	
THICK AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	
THICK AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm.	
MEDIUM AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm to 80 cm.	
HEAVY AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 80 cm to 120 cm.	

PACKAGE NO.:	02		
NAME OF THE BEEEL:	TATINGA MEKHELI BAR BEEEL		
DEVELOPMENT BLOCK:	MAJULI		
REVENUE VILLAGE:	TATAYA		
DISTRICT:	MAJULI		
AREA (Ha):	9.93 Ha		
PROJECT TITLE:	Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project		
CLIENT :	 ARIAS Society GOVERNMENT OF ASSAM Rural Infrastructure and Agricultural Services Society		
CONSULTANT :	 Shubh Consultants & Technocrats LLP		
DWG TITLE :	EXCAVATION LAYOUT OF TATINGA BEEEL		
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



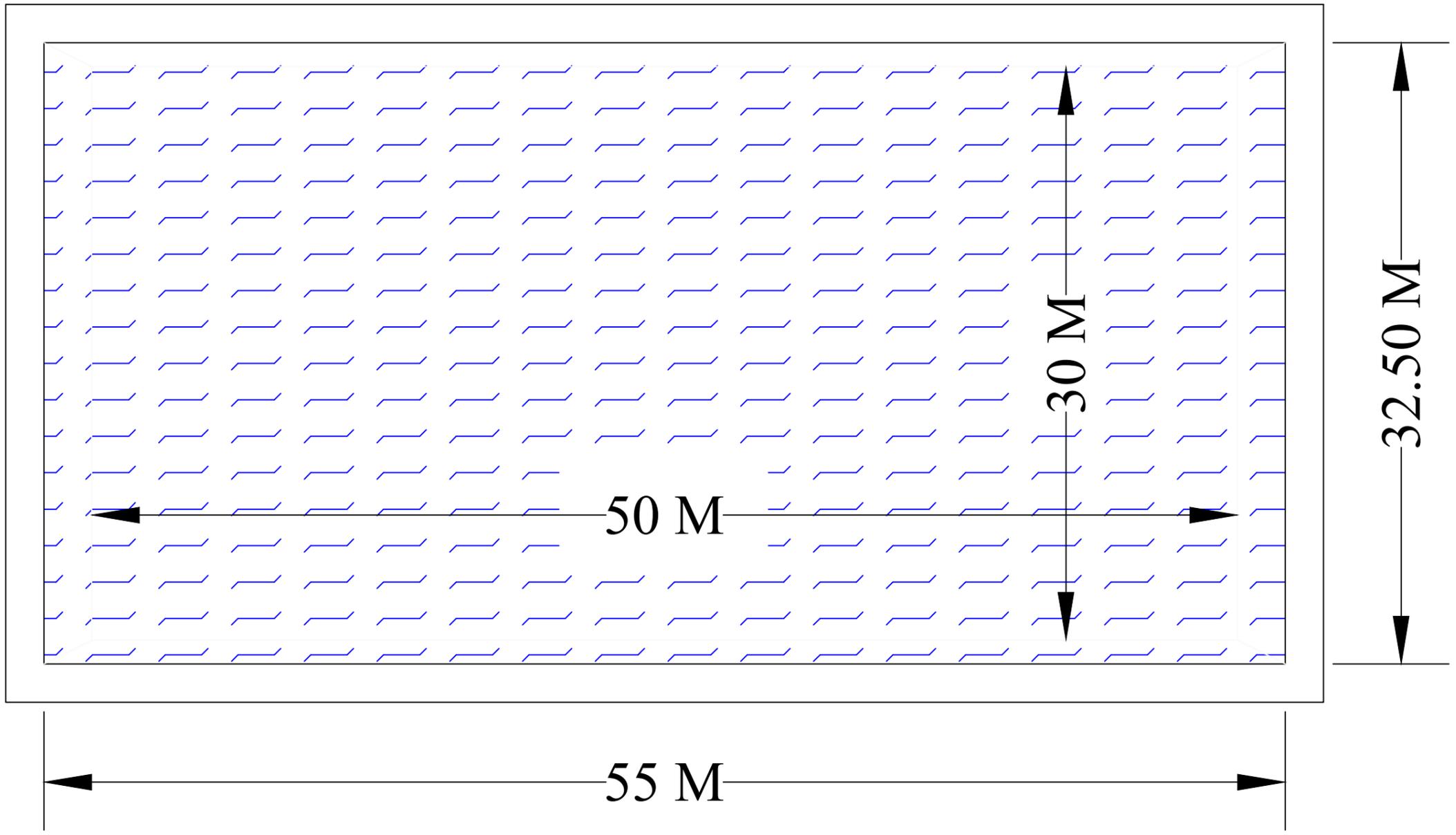
**LEGEND :**

ROAD	
WATER SOURCE	
BEEL	
BENCH MARK	
CULVERT	
BRIDGE	

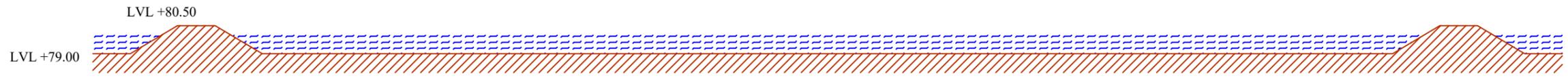


<b>PACKAGE NO.:</b>	02		
<b>NAME OF THE BEEL:</b>	TATINGA MEKALI BAR BEEL		
<b>DEVELOPMENT BLOCK:</b>	MAJULI		
<b>REVENUE VILLAGE:</b>	TATAYA		
<b>DISTRICT:</b>	MAJULI		
<b>AREA (Ha):</b>	9.93 Ha		
<b>PROJECT TITLE:</b>	Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project		
<b>CLIENT :</b>	 <small>Assam Rural Infrastructure and Agricultural Services Society</small>		
<b>CONSULTANT :</b>			
<b>DWG TITLE :</b>	CONTOUR MAP WITH BATHYMETRIC LEVELS OF TATINGA MEKALI BAR		
<b>DATE :</b>			
<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>
<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>
TEAM LEAD	A.E.	E.E.	S.E.

# TYPICAL PLAN & SECTION OF REARING TANK



**PLAN**



**SECTION**

SCALE: NOT TO SCALE

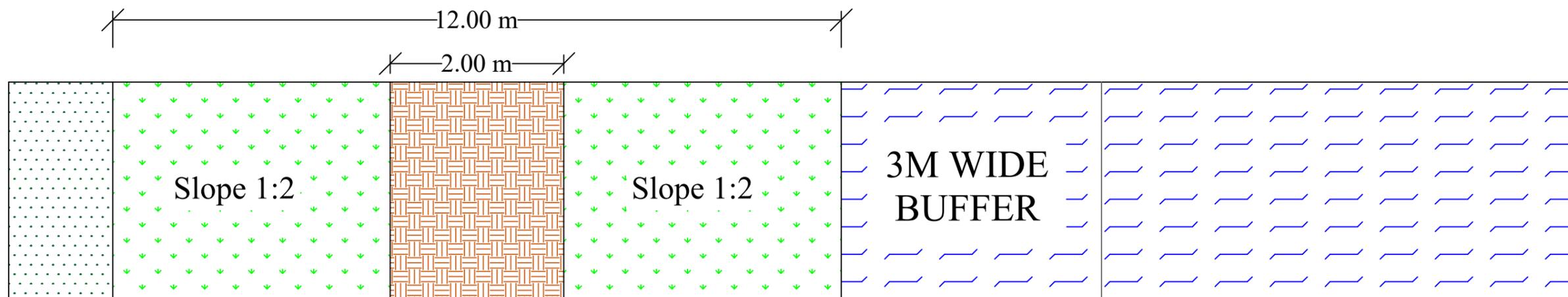
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Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

CLIENT :   
ARIAS Society  
GOVERNMENT OF ASSAM  
Assam Rural Infrastructure and Agricultural Service Society

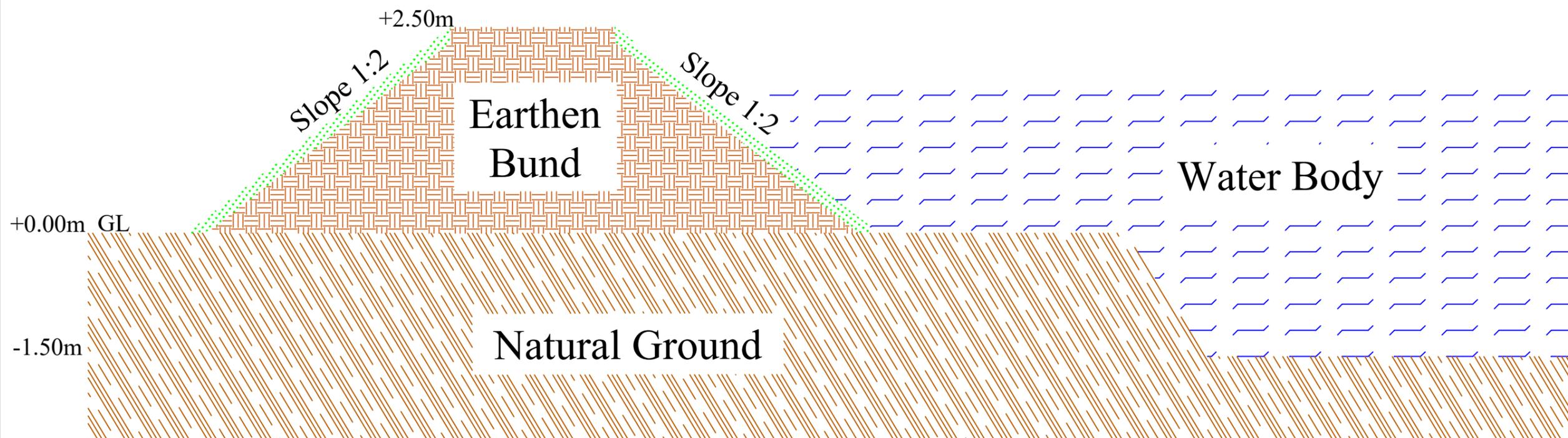
CONSULTANT :   
Shubh  
Consultants & Technocrats LLP

DWG TITLE :  
TYPICAL PLAN & SECTION OF REARING TANK OF 1500 SQM

DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



**PLAN**



**CROSS - SECTION**

**SCALE: NOT TO SCALE**

**PROJECT TITLE:**  
Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

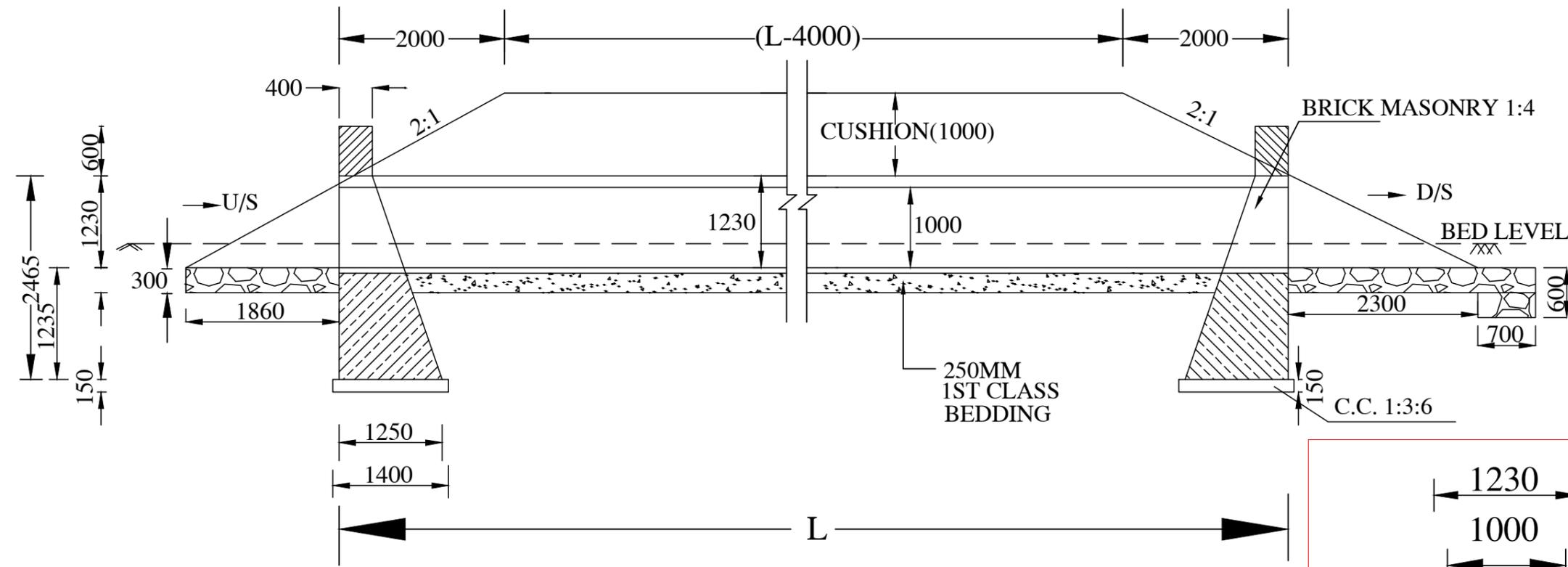


**DWG TITLE :**  
TYPICAL PLAN & CROSS-SECTION OF EARTHEN BUND

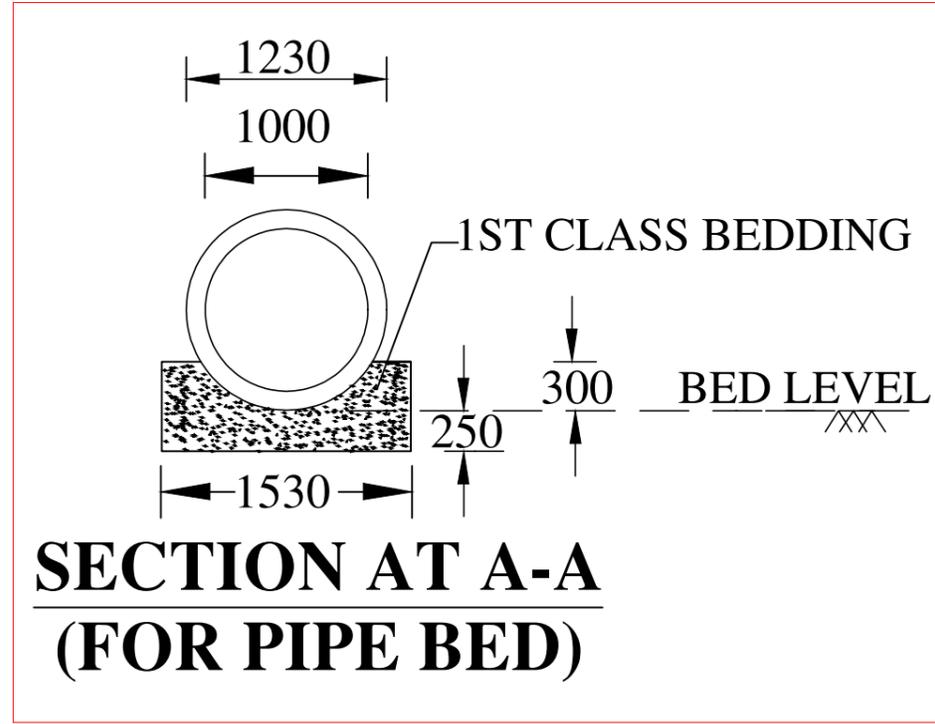
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<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>
<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>
<b>TEAM LEAD</b>	<b>A.E.</b>	<b>E.E.</b>	<b>S.E.</b>

**NOTES:-**

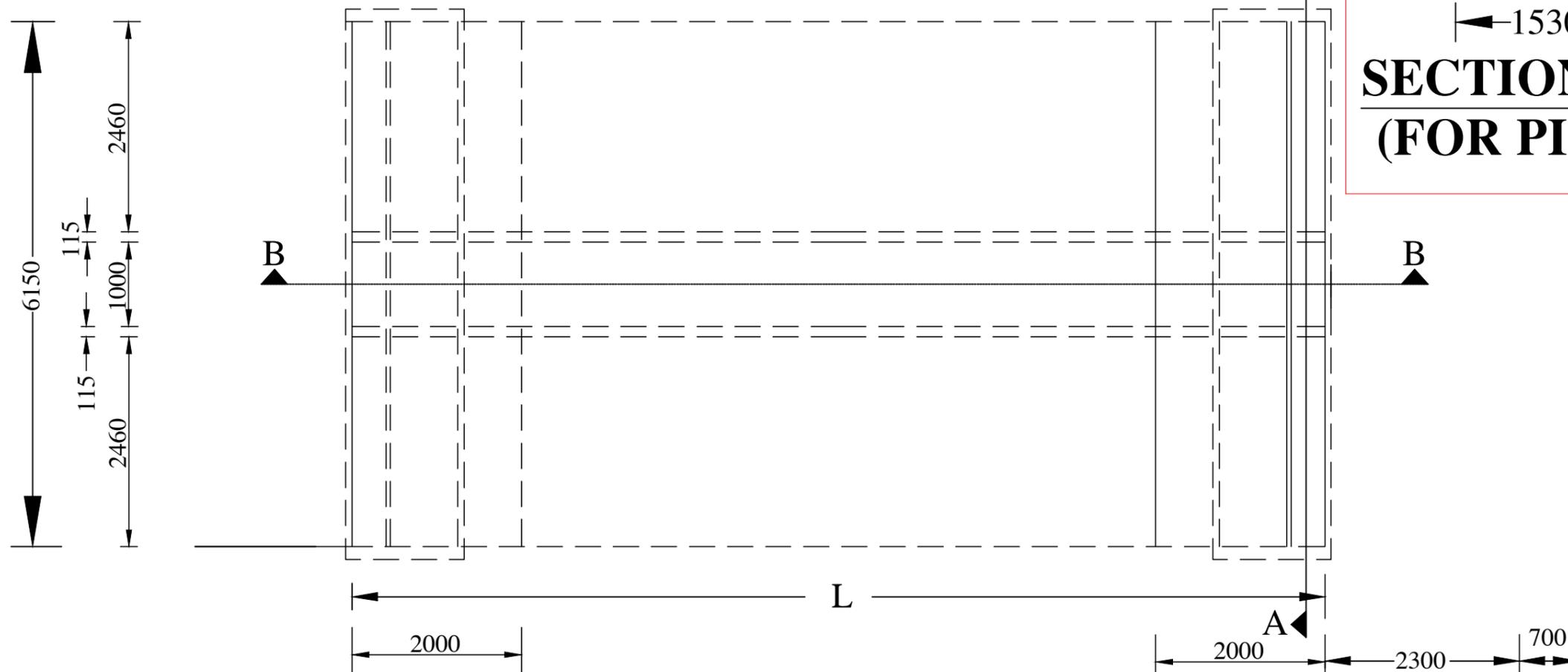
1. ALL DIMENSIONS ARE IN mm UNTIL & UNLESS STATED.
2. THE PIPES SHALL BE RCC NP.3 THE SPECIFICATIONS OF PIPES SHALL BE AS PER IS:458 OF 1988
3. MINIMUM CUSHION ABOVE PIPE INCLUDING ROAD CRUST SHALL BE 1.0M



**SECTION AT B-B**



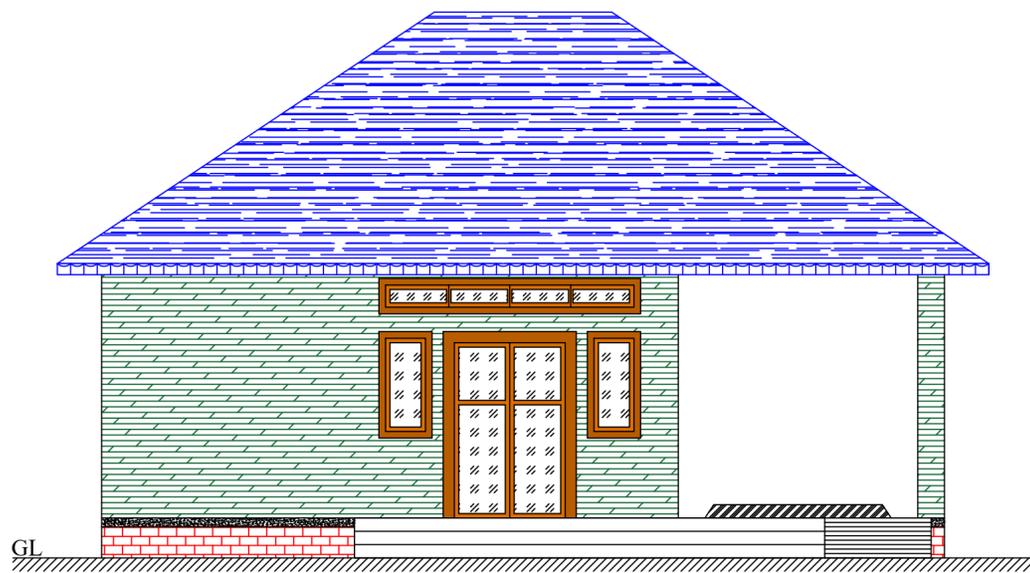
**SECTION AT A-A  
(FOR PIPE BED)**



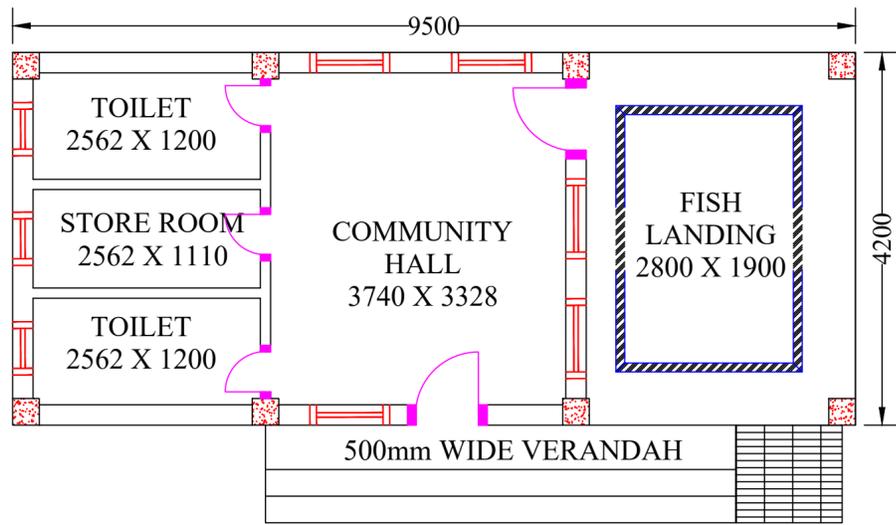
**PLAN**

**SCALE: NOT TO SCALE**

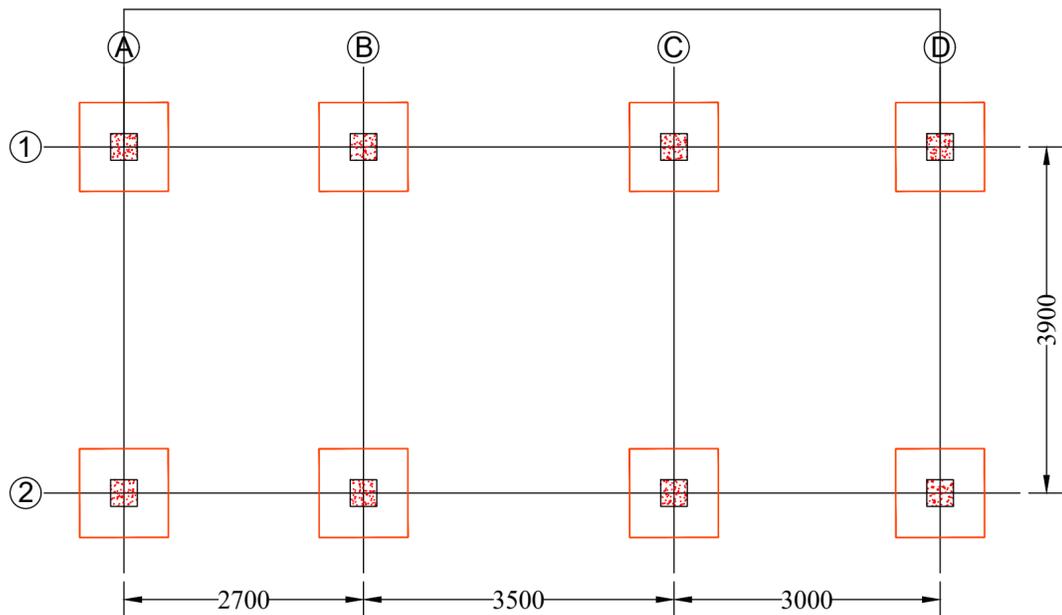
<b>PROJECT TITLE:</b> Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
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<b>CONSULTANT :</b>  Shubh Consultants & Technocrats LLP			
<b>DWG TITLE :</b> <b>STANDARD DRAWING</b> RCC PIPE CULVERT WITH SINGLE PIPE 1 METRE DIA.NP-3 (REF: IRC:SP20)			
<b>DATE :</b>			
<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>
<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>
<b>TEAM LEAD</b>	<b>A.E.</b>	<b>E.E.</b>	<b>S.E.</b>



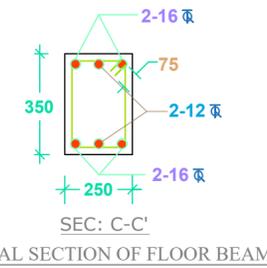
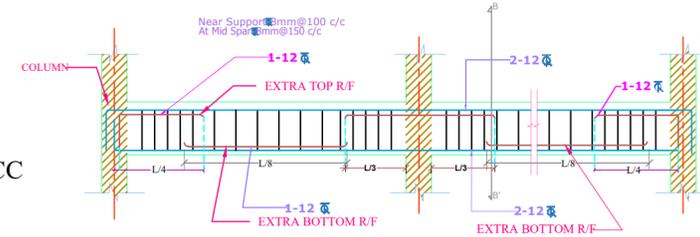
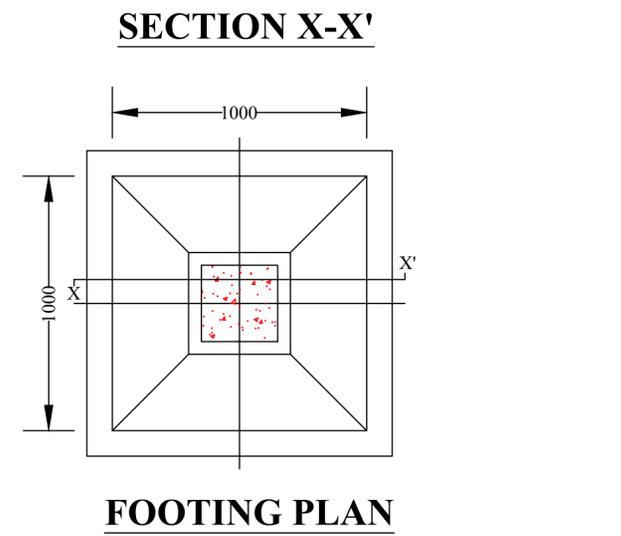
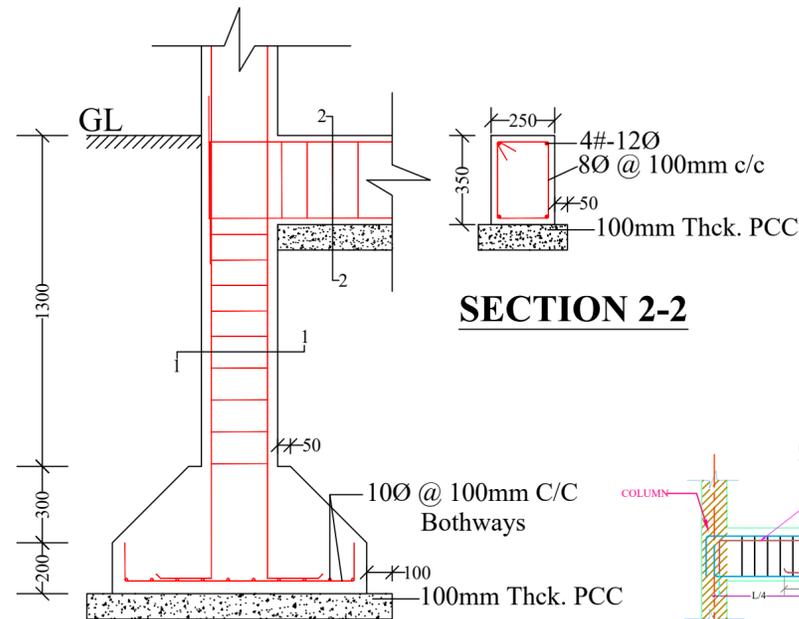
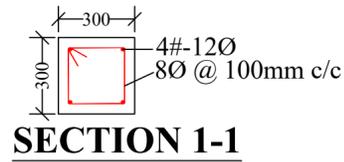
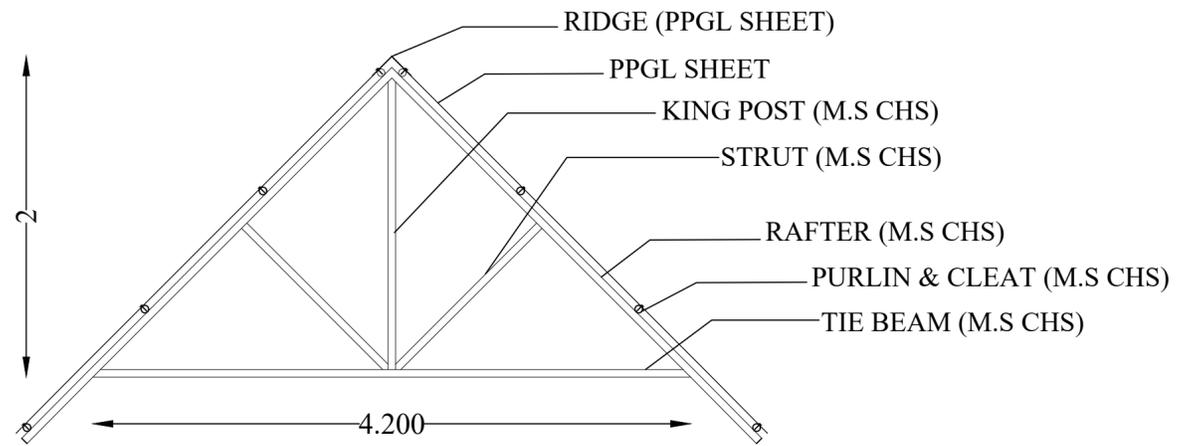
**FRONT ELEVATION**



**PLAN**



**FOOTING LAYOUT**



**NOTES :**

- All dimensions are in millimetres.
- All dimensions are to be read and not to be scaled.
- Grade of Concrete used : M-20.
- Grade of Steel Reinf. used : TMT (Grade-500)
- Clear cover for reinf. bars :
  - In Foundations - 50 mm.
  - In Columns - 40 mm.
  - In Beams - 25 mm.
  - In Slabs - 20 mm.
- Not more than one third of the total number of main bars shall be over-lapped at any section of a column.
- Laps, anchorage of reinf. bars shall be as per I.S.456-2000.
- Maximum size of Coarse Aggregate shall be 20 mm and down graded.
- Aggregate shall comply with the requirements of I.S.:383-1970.
- Lap / Development length = 50 x 'd' where, 'd' = diameter of reinforcing bar.
- In addition to Lintels, R.C.C. band at sill level should also be provided.
- Use R.C.C. bands also in all vertical sides of openings.
- Protruding rods to be provided in columns for embedding all brick walls.
- Joints between walls & beams may be embedded with epoxy based joint filling compounds.
- All Reinforcement detailing should meet all the general requirements of IS:4326 and IS:13920.
- Dimensions shall be in conjunction with Architectural drawings. Architectural drawings shall be followed in the event of any discrepancy with due regard to the Structural requirements. Any major deviations shall be brought to the notice of the Engineer-in-charge.

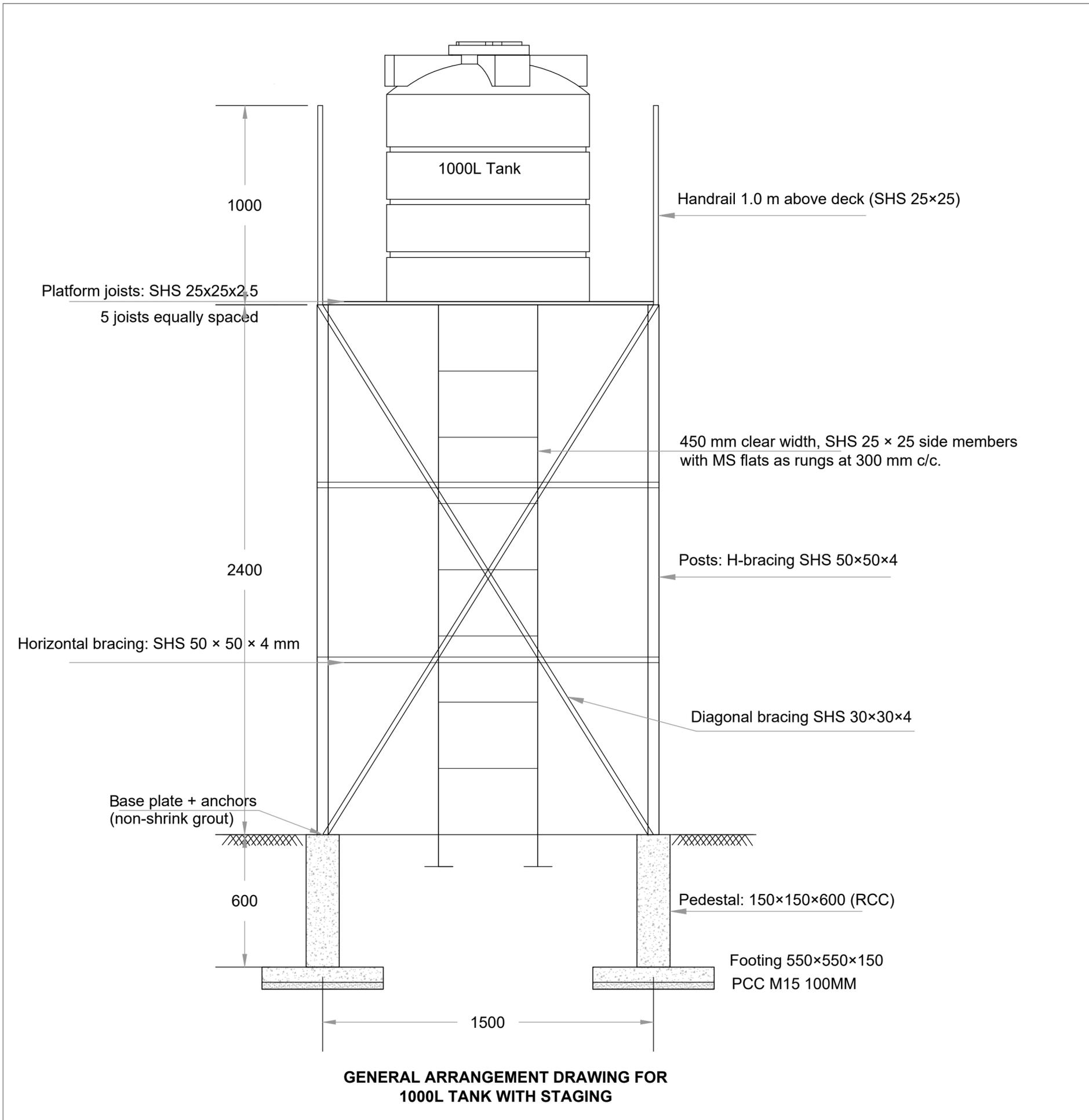
**SCALE: NOT TO SCALE**

**PROJECT TITLE:**  
Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project



**DWG TITLE :** **STANDARD DRAWING**  
PLAN & CROSS-SECTION  
OF FISH LANDING SHED CUM  
COMMUNITY CENTRE

<b>DATE :</b>				
<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>	
<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>	<b>DATE :</b>	
<b>TEAM LEAD</b>	<b>A.E.</b>	<b>E.E.</b>	<b>S.E.</b>	



**GENERAL NOTES –**

**Drawing Basis**

- All dimensions are in millimetres (mm) unless otherwise stated.
- Dimensions shall be verified on site prior to construction; discrepancies to be reported to Engineer-in-Charge.

**Concrete Works**

- Footing: 550 x 550 x 150 RCC M20 (IS 456, IS 3370).
- Pedestal: 150 x 150 x 600 RCC above footing.
- Provide PCC 1:5:10, 100 mm thick blinding below footings (recommended).
- All reinforcement Fe-500D TMT; cover to reinforcement = 40 mm (footings/pedestals).

**Steel Works**

- Main posts: SHS 50 x 50 x 4 mm.
- Horizontal bracing: SHS 50 x 50 x 4 mm (at two intermediate levels).
- Diagonal bracing: SHS 30 x 30 x 4 mm.
- Platform joists: 5 nos. SHS 25 x 25 x 2.5 mm at equal spacing.
- Handrail: SHS 25 x 25 x 2.5 mm, 1.0 m high above deck.
- Ladder: 450 mm clear width, SHS 25 x 25 side members with MS flats as rungs at 300 mm c/c.
- All steel to conform to IS 2062; fabrication as per IS 800.

**Connections & Base Plates**

- Provide MS base plates (10 mm thick) at post bottoms, anchored into pedestal with 4 nos. 16 mm dia foundation bolts, grouted with non-shrink grout.
- Provide stiffener cleats, gusset plates, and welds as per design.
- All bolts/welds to conform to IS 1367/IS 816.

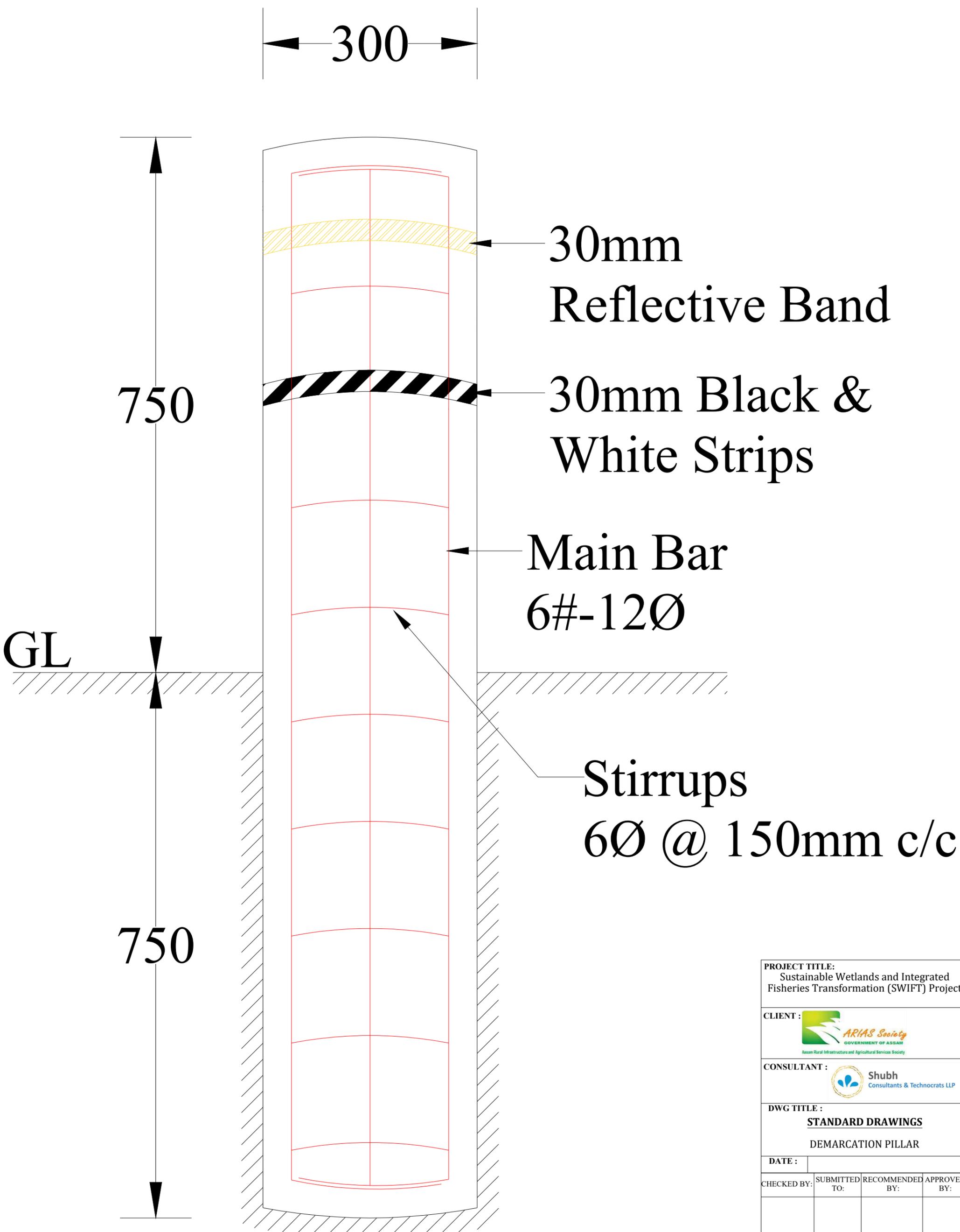
**Corrosion Protection & Painting**

- Structural steel to receive one coat zinc-rich primer + 2 coats epoxy/polyurethane paint (minimum 100 microns DFT).
- Alternatively, all steel members may be hot-dip galvanized (minimum 80 microns zinc coating).

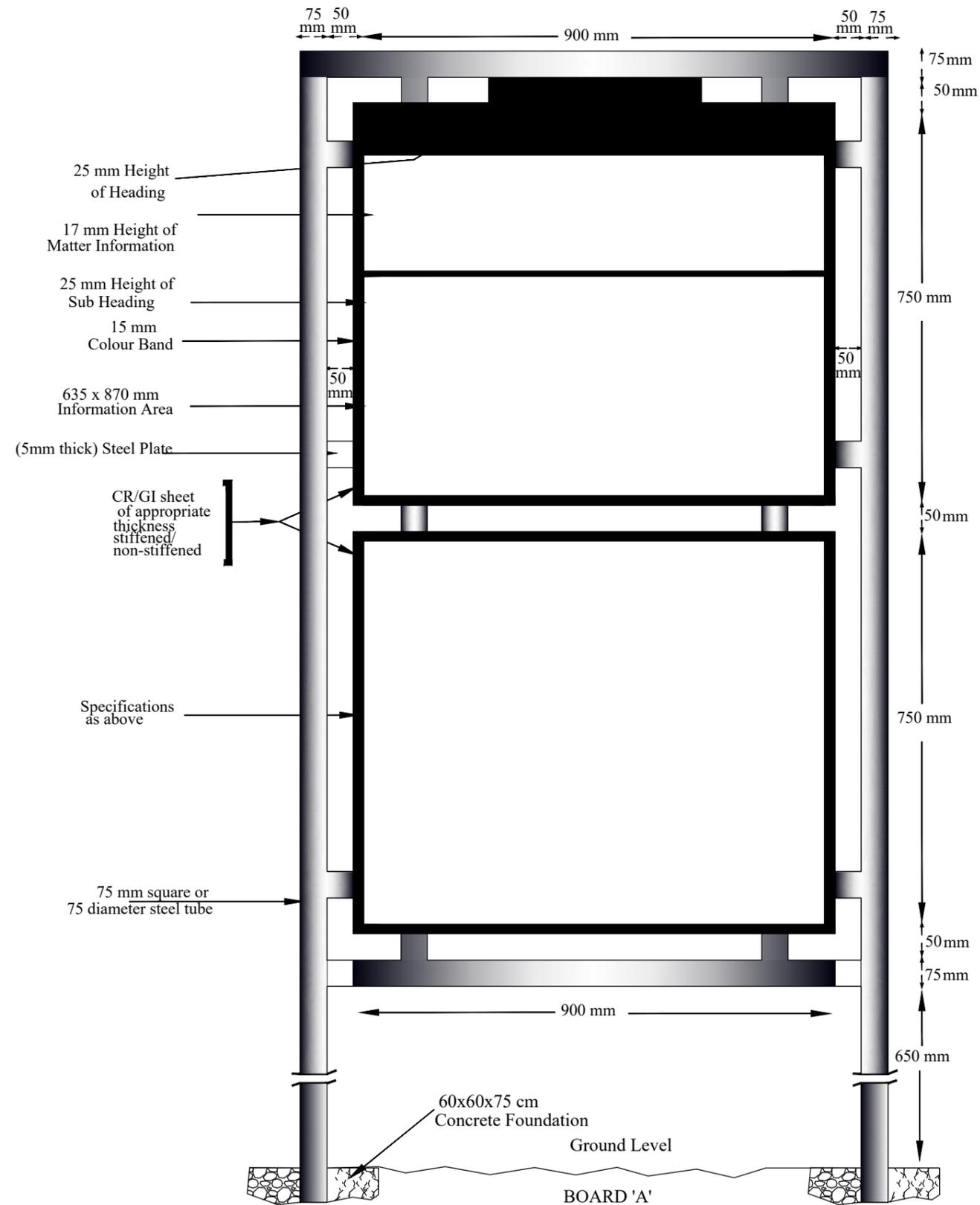
**Tank & Plumbing**

- Water tank: 1,000 litres capacity, IS 12701 marked, provided with cover and locking arrangement.

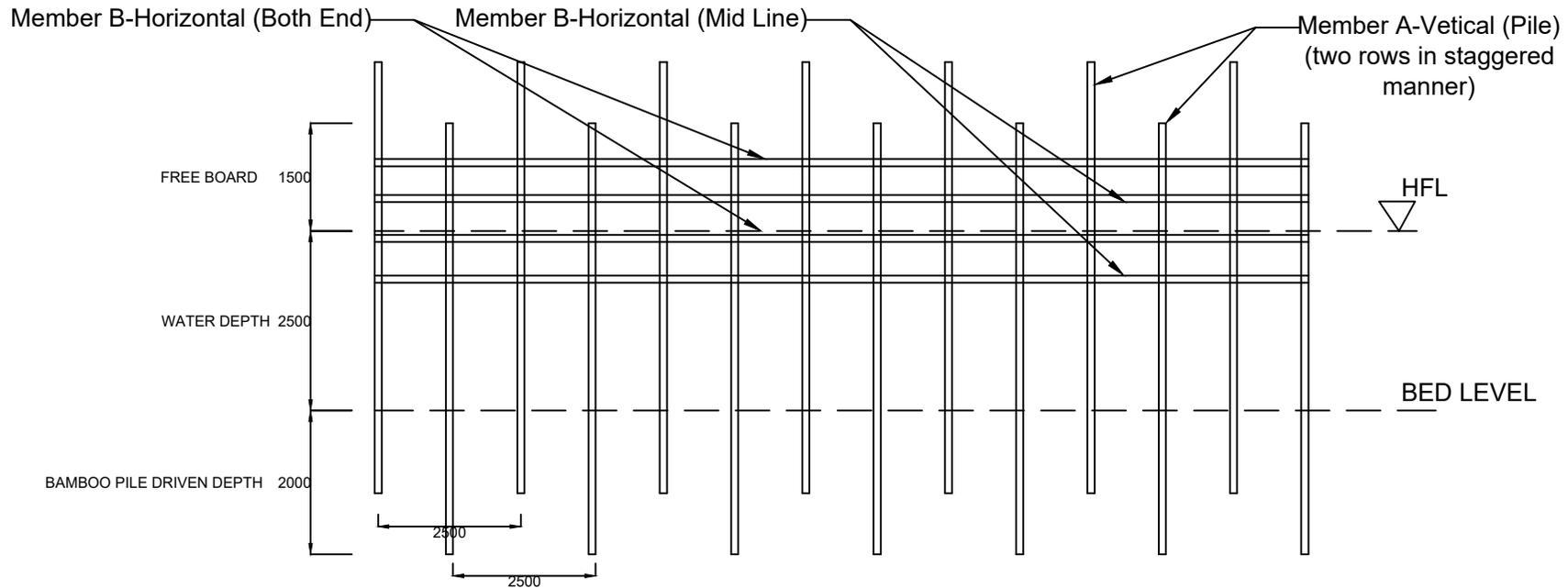
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Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
<b>CLIENT :</b> ARIAS SOCIETY			
<b>CONSULTANT :</b> SHUBH CONSULTANTS AND TECHNOCRATS LLP			
<b>DWG TITLE :</b>			
STANDARD DRAWING			
1000L TANK WITH STAGING			
<b>DATE :</b>			
<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>
<b>TEAM LEAD</b>	A.E.	E.E.	S.E.



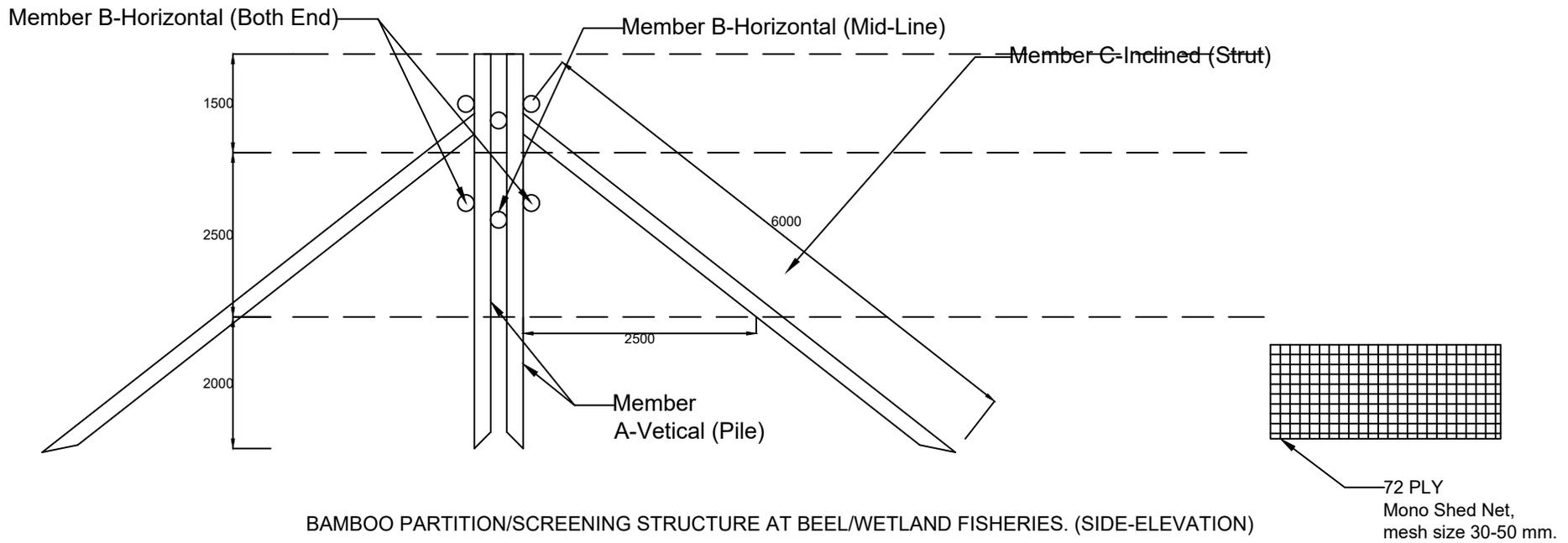
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<b>CLIENT :</b>  ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society			
<b>CONSULTANT :</b>  Shubh Consultants & Technocrats LLP			
<b>DWG TITLE :</b> <b>STANDARD DRAWINGS</b> DEMARICATION PILLAR			
<b>DATE :</b>			
<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>
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<b>TEAM LEAD</b>	<b>A.E.</b>	<b>E.E.</b>	<b>S.E.</b>



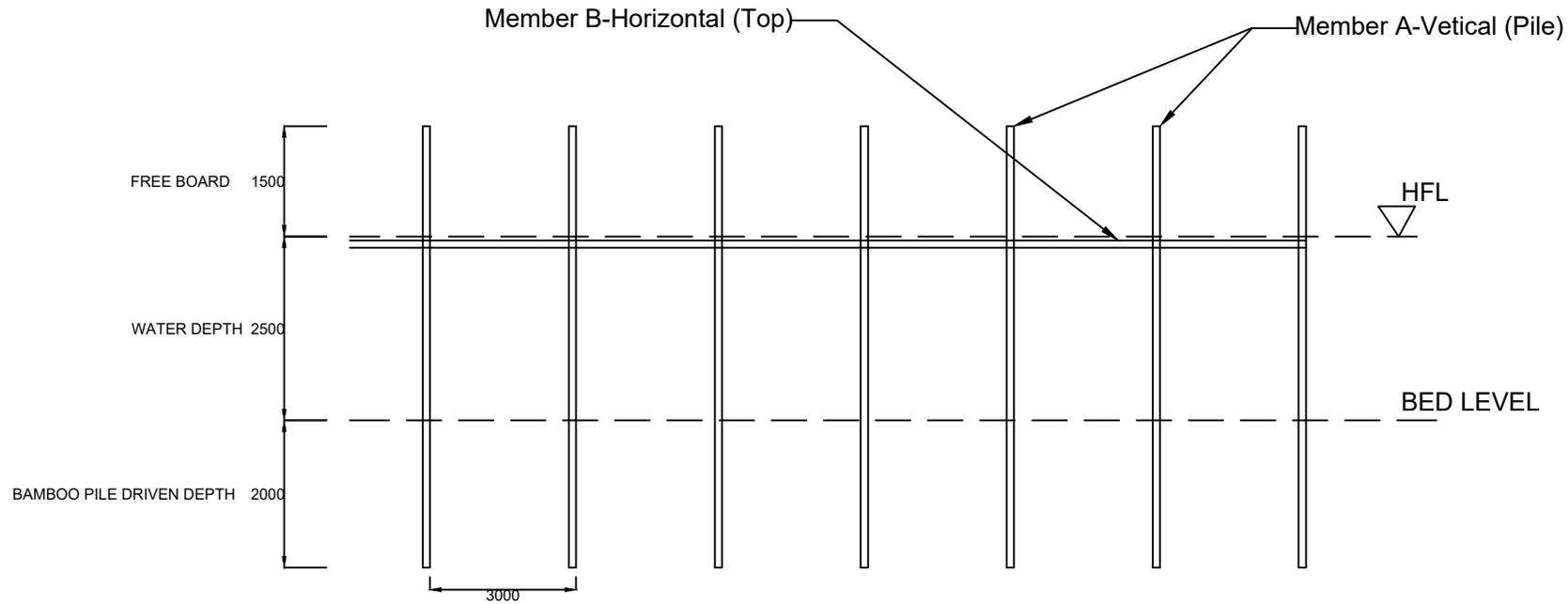
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STANDARD DRAWING			
INFORMATION BOARD			
<b>DATE :</b>			
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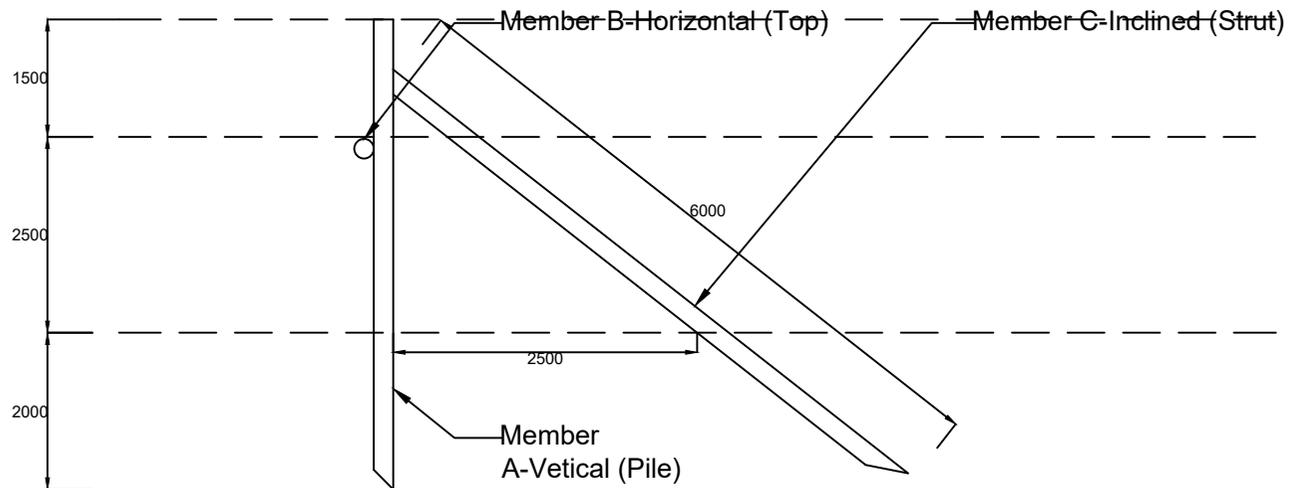
BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



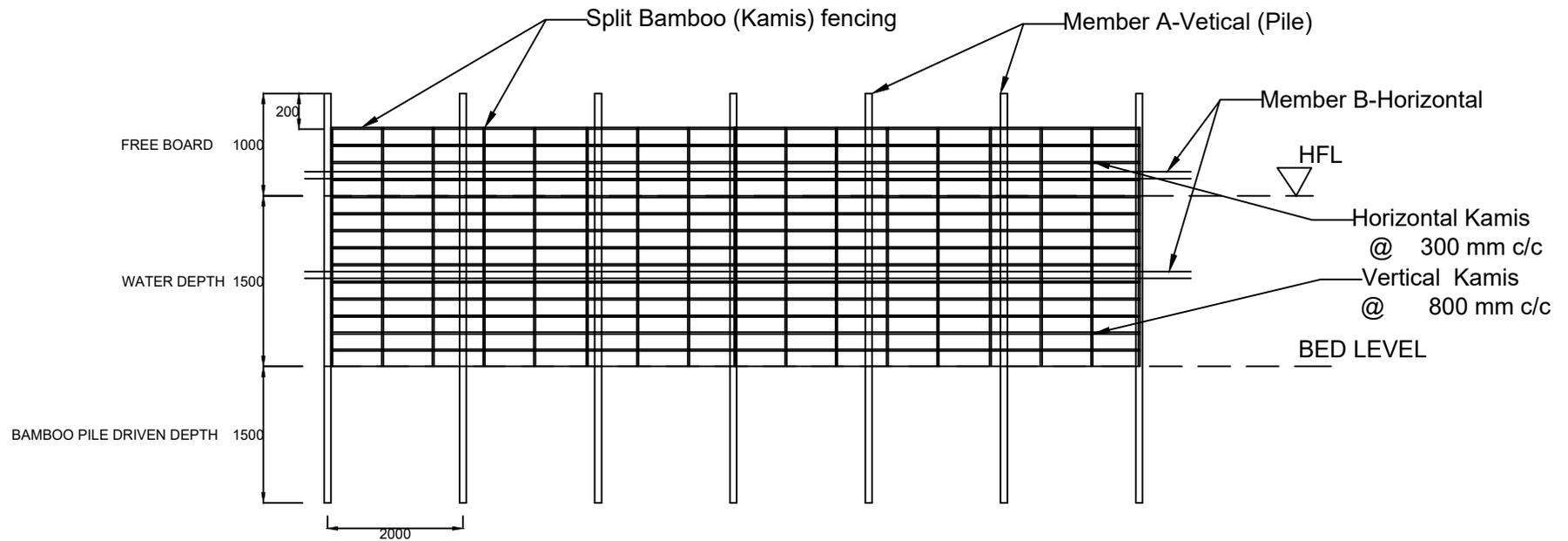
BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (SIDE-ELEVATION)



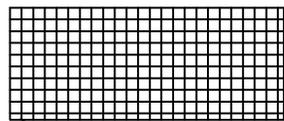
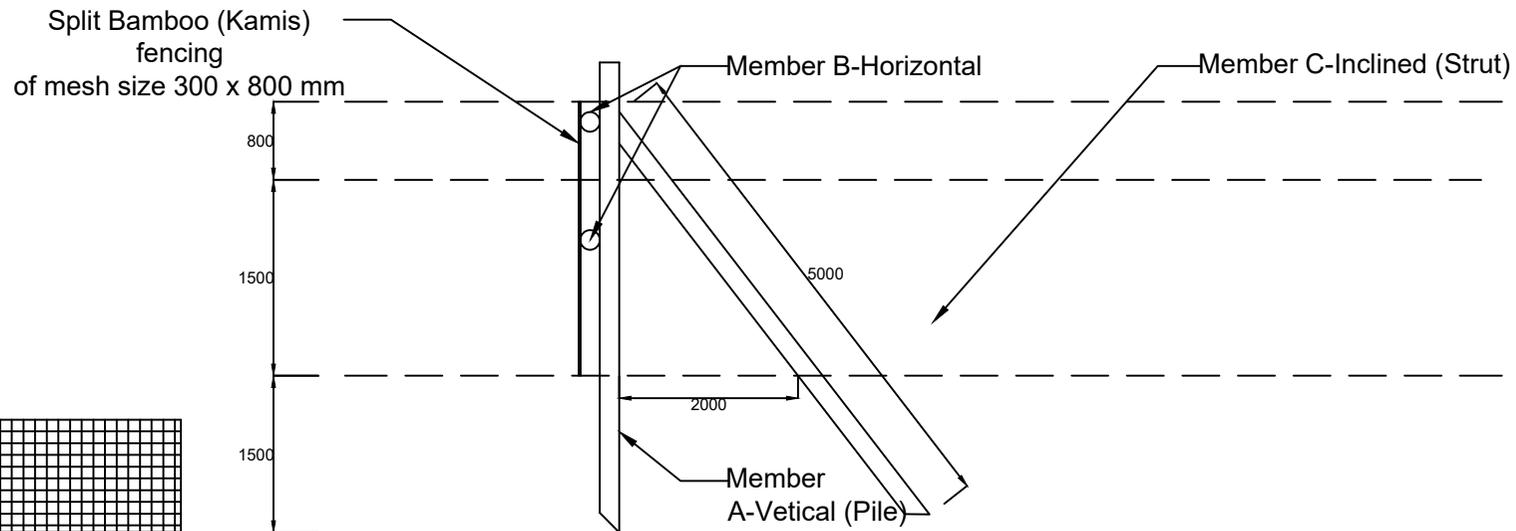
KATAL/CATTLE FISHING STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



KATAL/CATTLE FISHING STRUCTURE AT BEEL/WETLAND FISHERIES. (SIDE-ELEVATION)



PEN CULTURE STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



115 GSM Mono Shed Net, mesh size 3-5 mm.

PEN CULTURE STRUCTURE AT BEEL/WETLAND FISHERIES. (SIDE-ELEVATION)