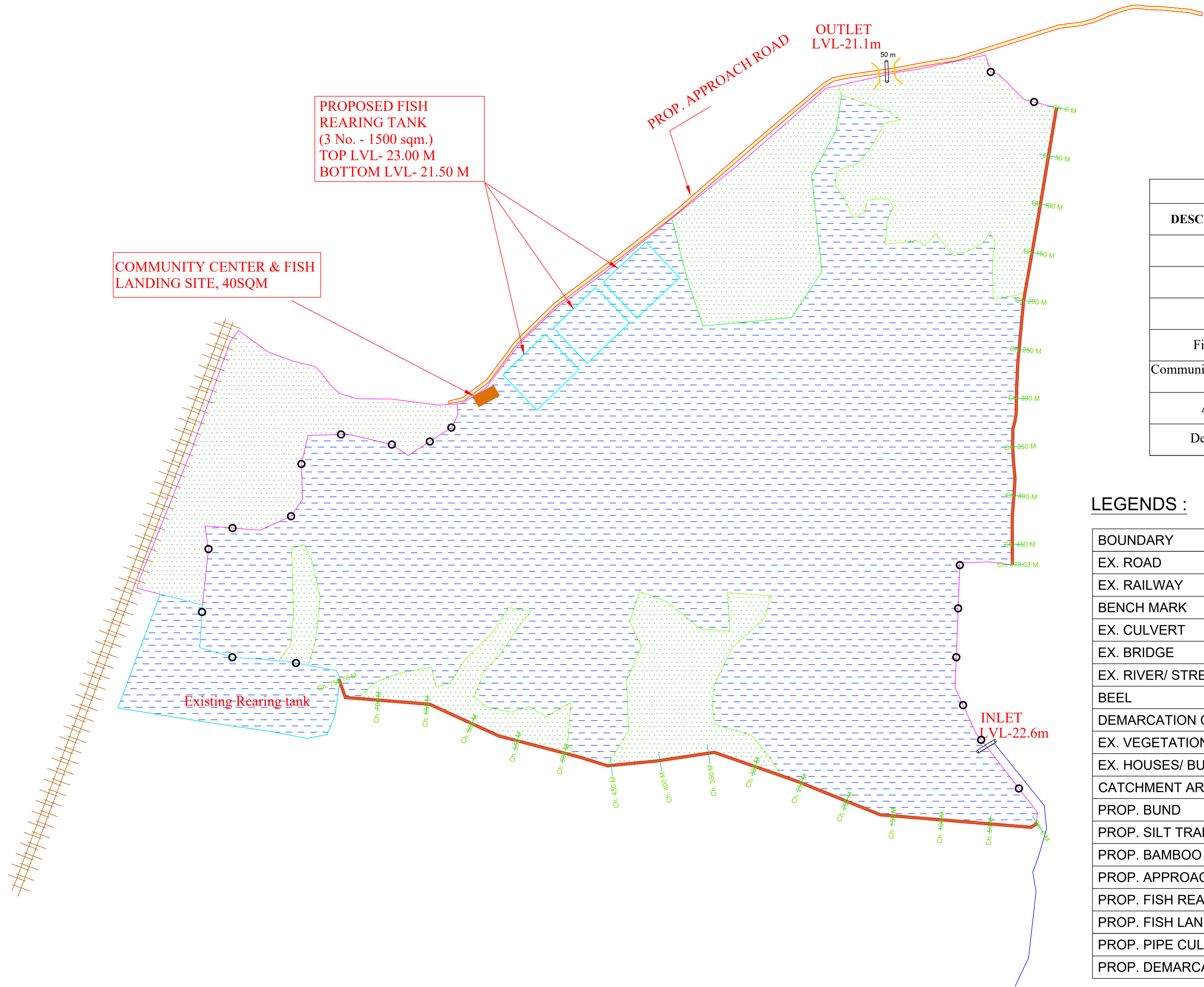
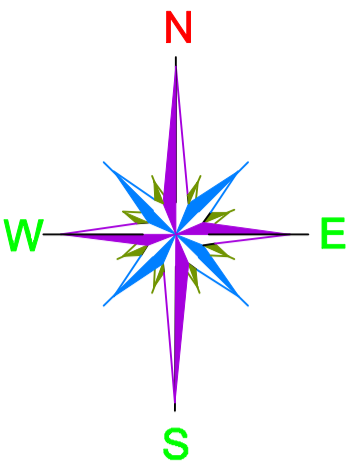


# MASTER PLAN LAYOUT OF BOR BEEL

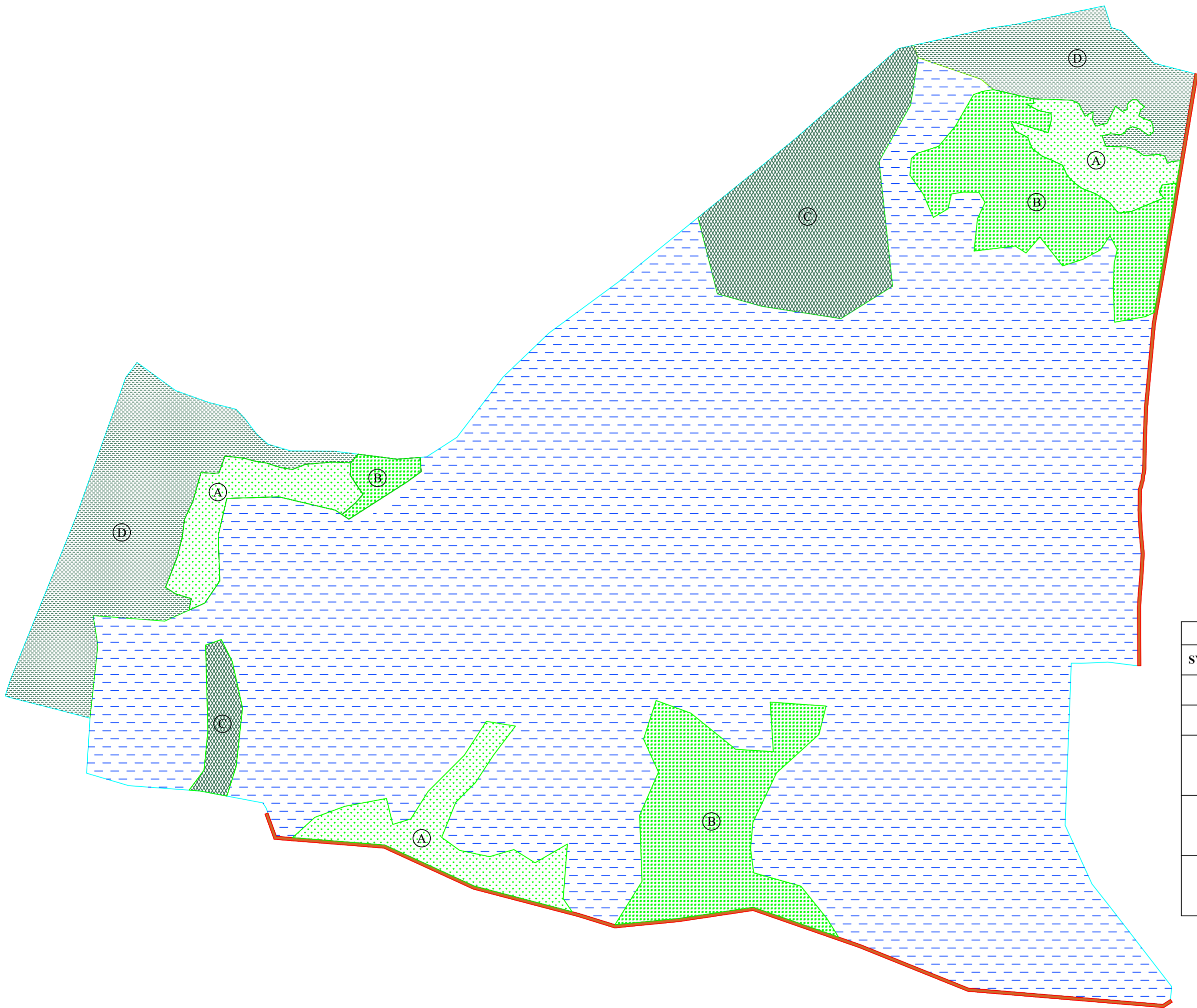


PROPOSED WORKS	
DESCRIPTION OF WORK	SPECIFICATION
Earthen Bund	1220 m
Desilting	31,922 cum
Deweeding	94253 sqm
Fish Rearing Tank	3 Nos. (50x30x1.5) cum
Community center & Fish landing site	40 sqm
Approach Road	910 m
Demarkation Pillar	20 Nos.

## LEGENDS :

BOUNDARY	
EX. ROAD	
EX. RAILWAY	
BENCH MARK	
EX. CULVERT	
EX. BRIDGE	
EX. RIVER/ STREAM/ POND	
BEEL	
DEMARCATON 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	
PROP. DEMARCATION PILLAR	

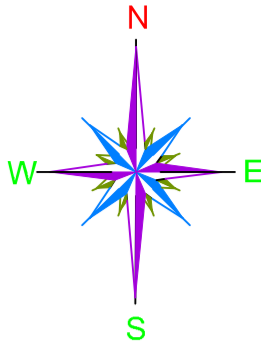
PACKAGE NO.:			
04			
NAME OF THE BEEL:			
BOR BEEL			
DEVELOPMENT BLOCK:			
PATHARKANDI DEV			
REVENUE VILLAGE:			
JAMIRALA			
DISTRICT:			
SRIBHUMI			
AREA (Ha):			
42.44 Ha			
PROJECT TITLE:			
Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
CONSULTANT :			
DWG TITLE :			
MASTER PLAN LAYOUT OF BOR BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.





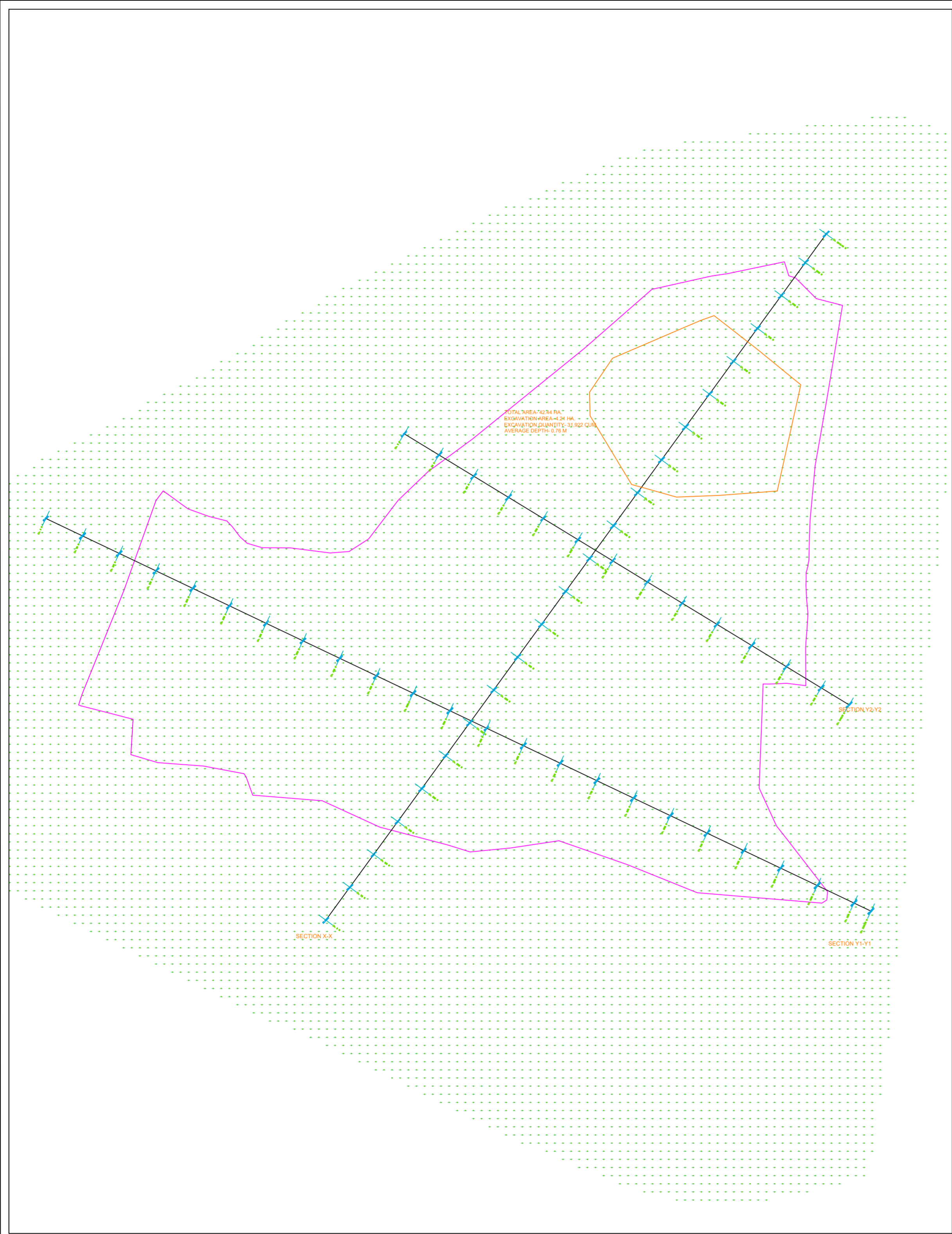
AREA DETAILS		
SYMBOL	DESCRIPTION	AREA (Sq. m)
Ⓐ	THIN AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	20,369
Ⓑ	THICK AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	33,835
Ⓒ	THICK AND FLOATING TARANIES,DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm.	23,152
Ⓓ	MEDIUM AND FLOATING TARANIES,DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm to 80 cm	35,368
Ⓔ	HEAVY AND FLOATING TARANIES,DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 80 cm to 120 cm	0

LEGENDS :

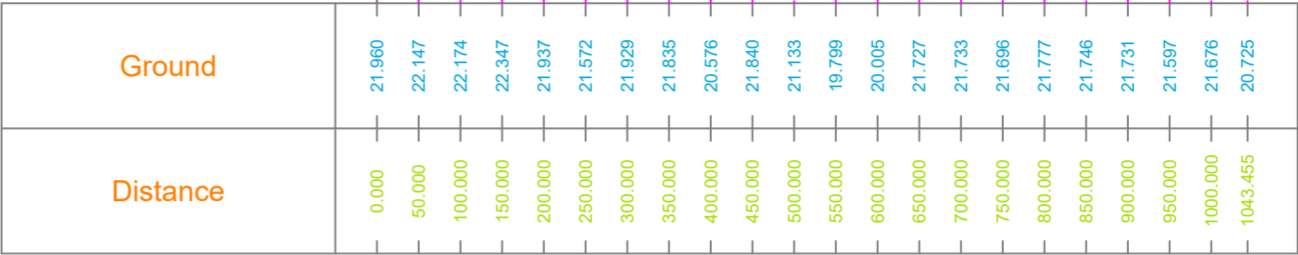
BEEL BOUNDARY	
WATER AREA	
THIN AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	
THICK AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC.	
THICK AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 cm.	
MEDIUM AND FLOATING TARANIES, DALANIES, 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.: 04			
NAME OF THE BEEL: BOR BEEL			
DEVELOPMENT BLOCK: PATHARKANDI DEV			
REVENUE VILLAGE: JAMIRALA			
DISTRICT: SRIBHUMI			
AREA (Ha): 42.44 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :		<div><p>ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society</p></div>	
CONSULTANT :		<div><p>Shubh Consultants &amp; Technocrats LLP</p></div>	
DWG TITLE : MASTER PLAN LAYOUT OF BOR BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.

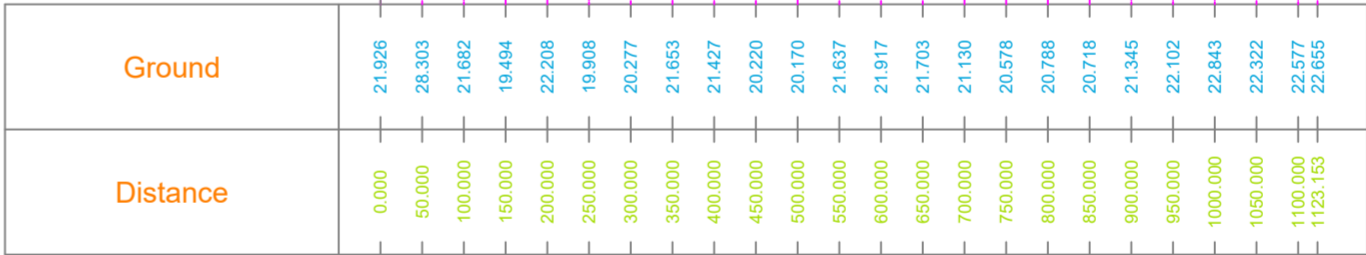


Datum: 18.0



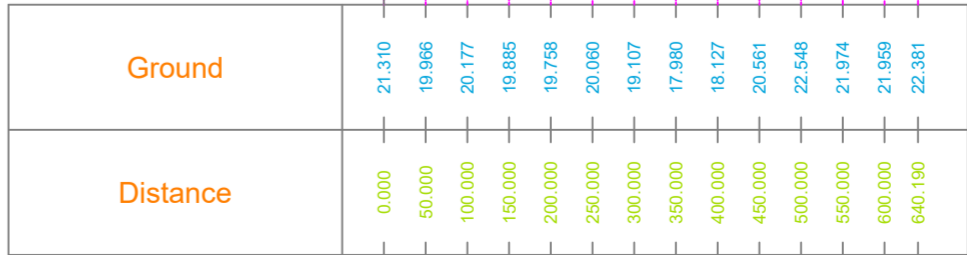
SECTION X-X

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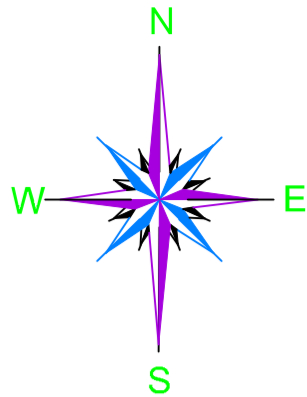


SECTION Y1-Y1

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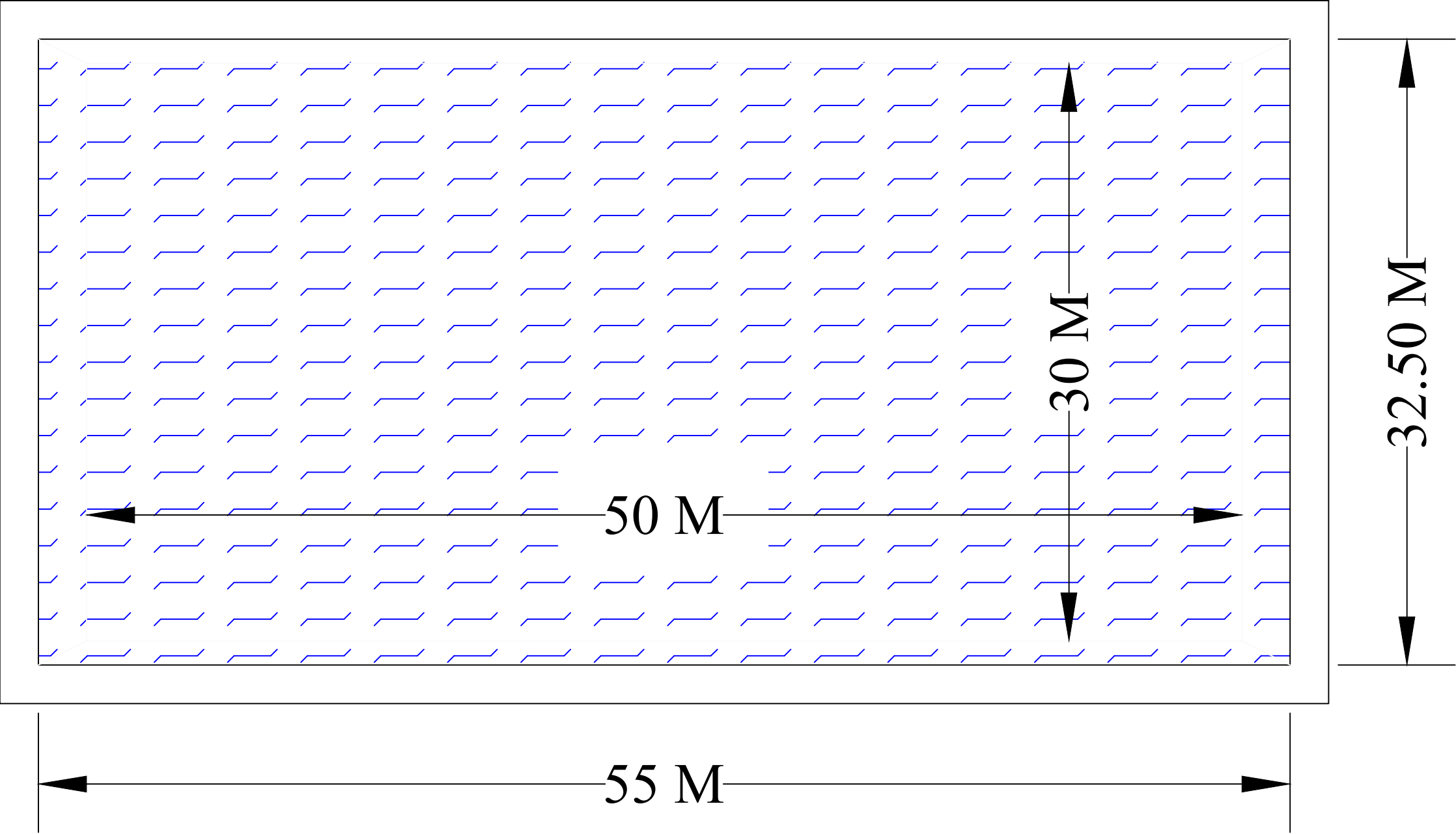


SECTION Y2-Y2

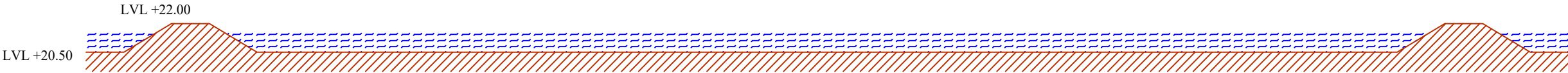


PACKAGE NO.:		04	
NAME OF THE BEEL:		BOR BEEL	
DEVELOPMENT BLOCK:		PATHARKANDI	
REVENUE VILLAGE:		JAMIRALA	
DISTRICT:		SRIBHUMI	
AREA (Ha):		42.44 Ha	
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
CONSULTANT :			
DWG TITLE : BEEL CROSS SECTION DRAWING			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



# TYPICAL PLAN & SECTION OF REARING TANK

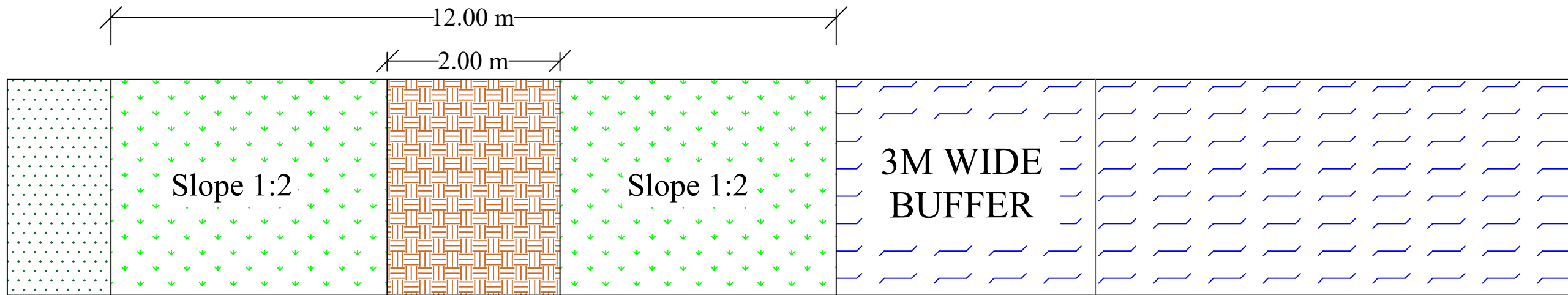


PLAN

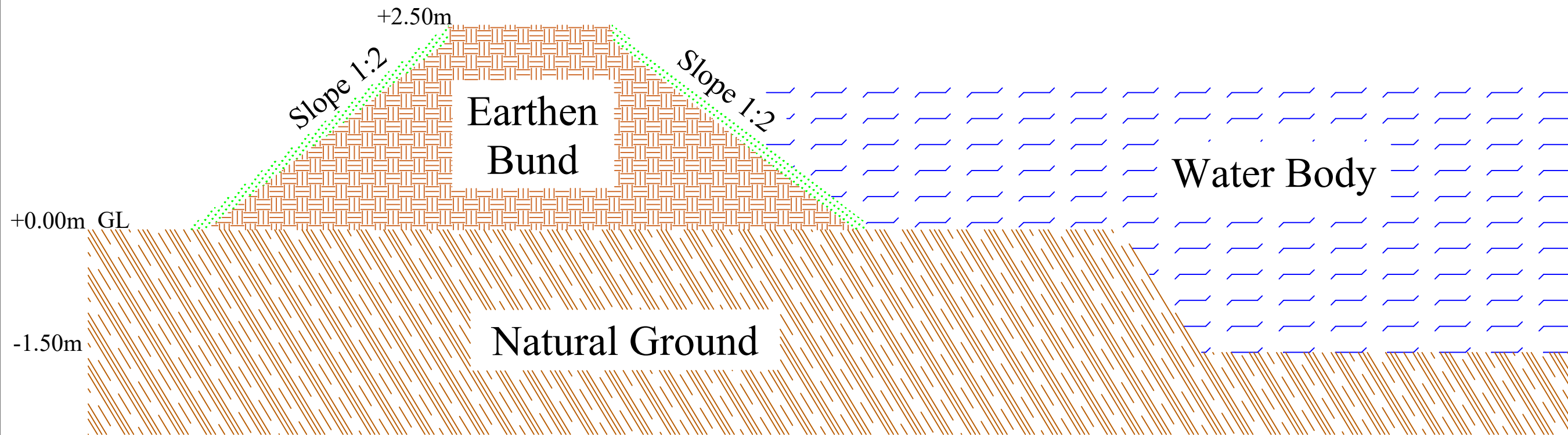


SECTION

SCALE: NOT TO SCALE			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :  ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services 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

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

**CONSULTANT :**  **Shubh**  
Consultants & Technocrats LLP

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

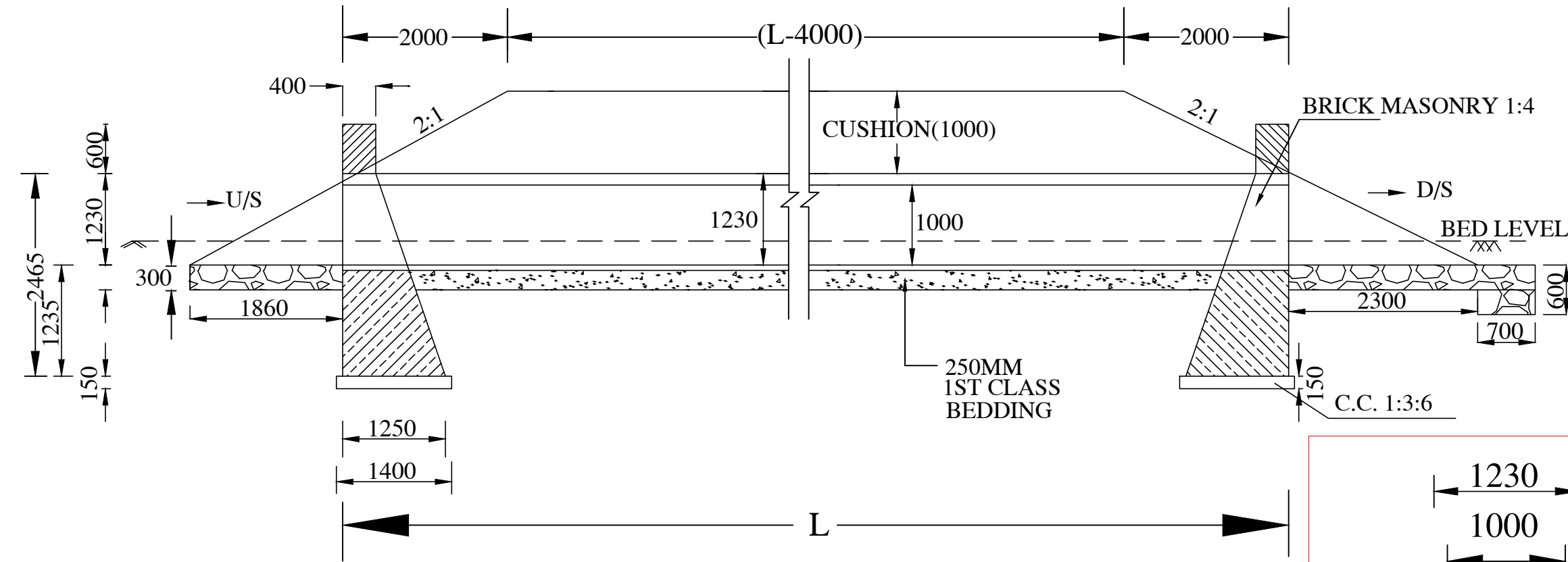
**DATE :**

<b>CHECKED BY:</b>	<b>SUBMITTED TO:</b>	<b>RECOMMENDED BY:</b>	<b>APPROVED BY:</b>
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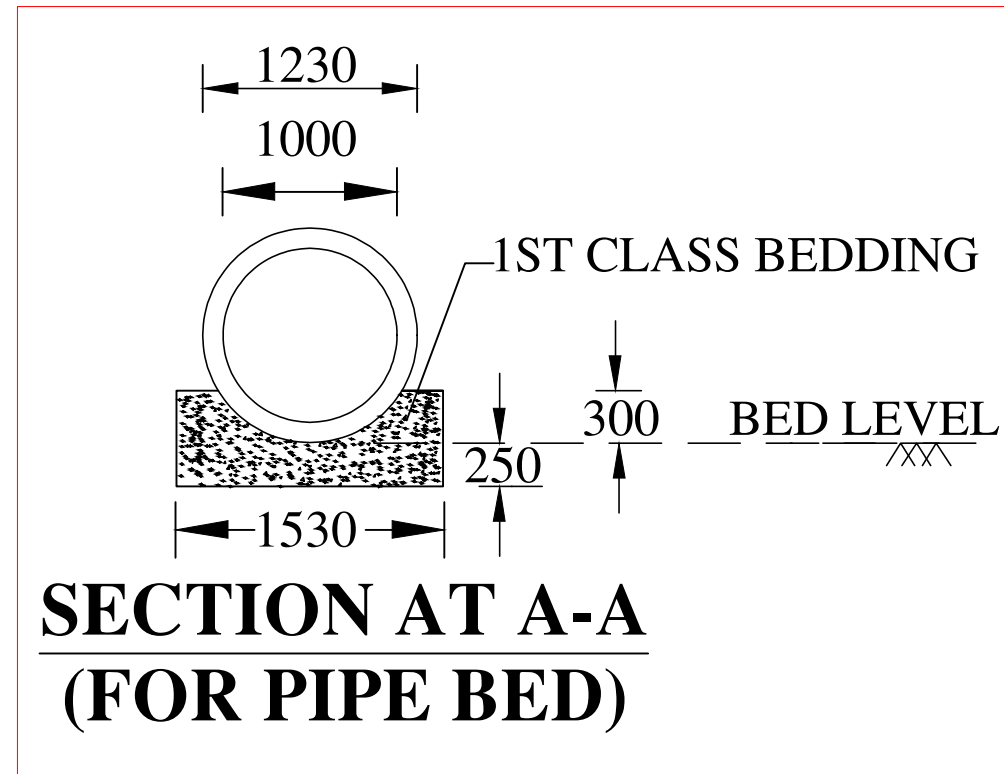
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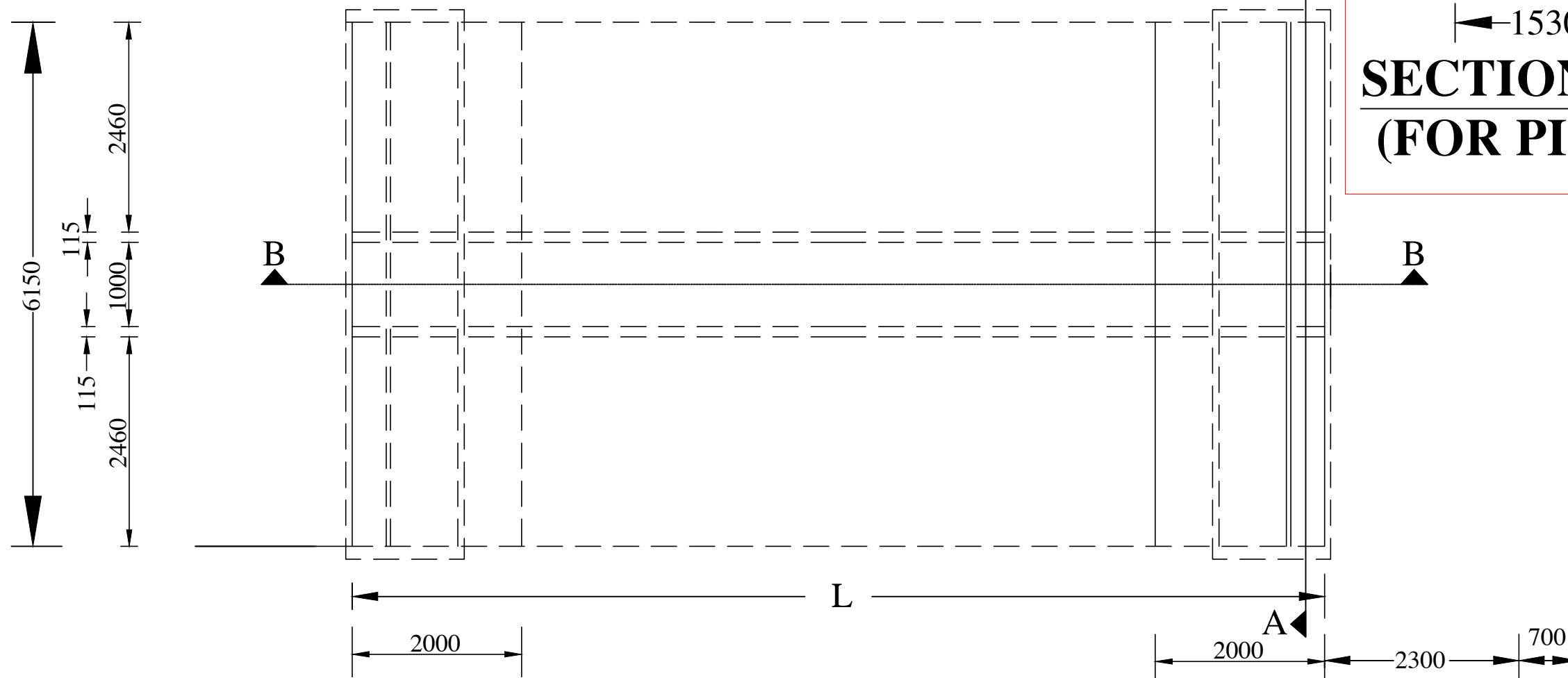
TEAM LEAD	A.E.	E.E.	S.E.
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SECTION AT B-B



SECTION AT A-A  
(FOR PIPE BED)



PLAN

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

SCALE: NOT TO SCALE

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

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

CONSULTANT :  
  
Shubh  
Consultants & Technocrats LLP

DWG TITLE :  
**STANDARD DRAWING**  
RCC PIPE CULVERT WITH SINGLE PIPE  
1 METRE DIA.NP-3  
(REF: IRC:SP20)

DATE :

CHECKED BY: SUBMITTED TO: RECOMMENDED BY: APPROVED BY:

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DATE : DATE : DATE : DATE :

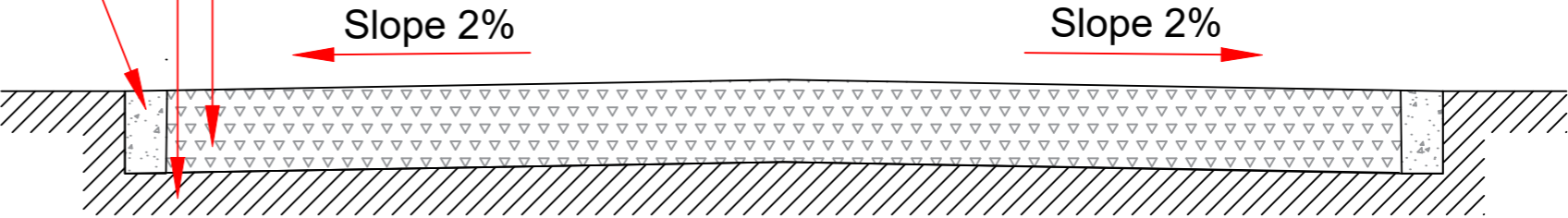
TEAM LEAD A.E. E.E. S.E.

# TYPICAL SECTION OF APPROACH ROAD

GSB of thickness 200 mm  
Well-Compacted Natural Soil

Edge-Restraint Wall

Road Width- 3.1m

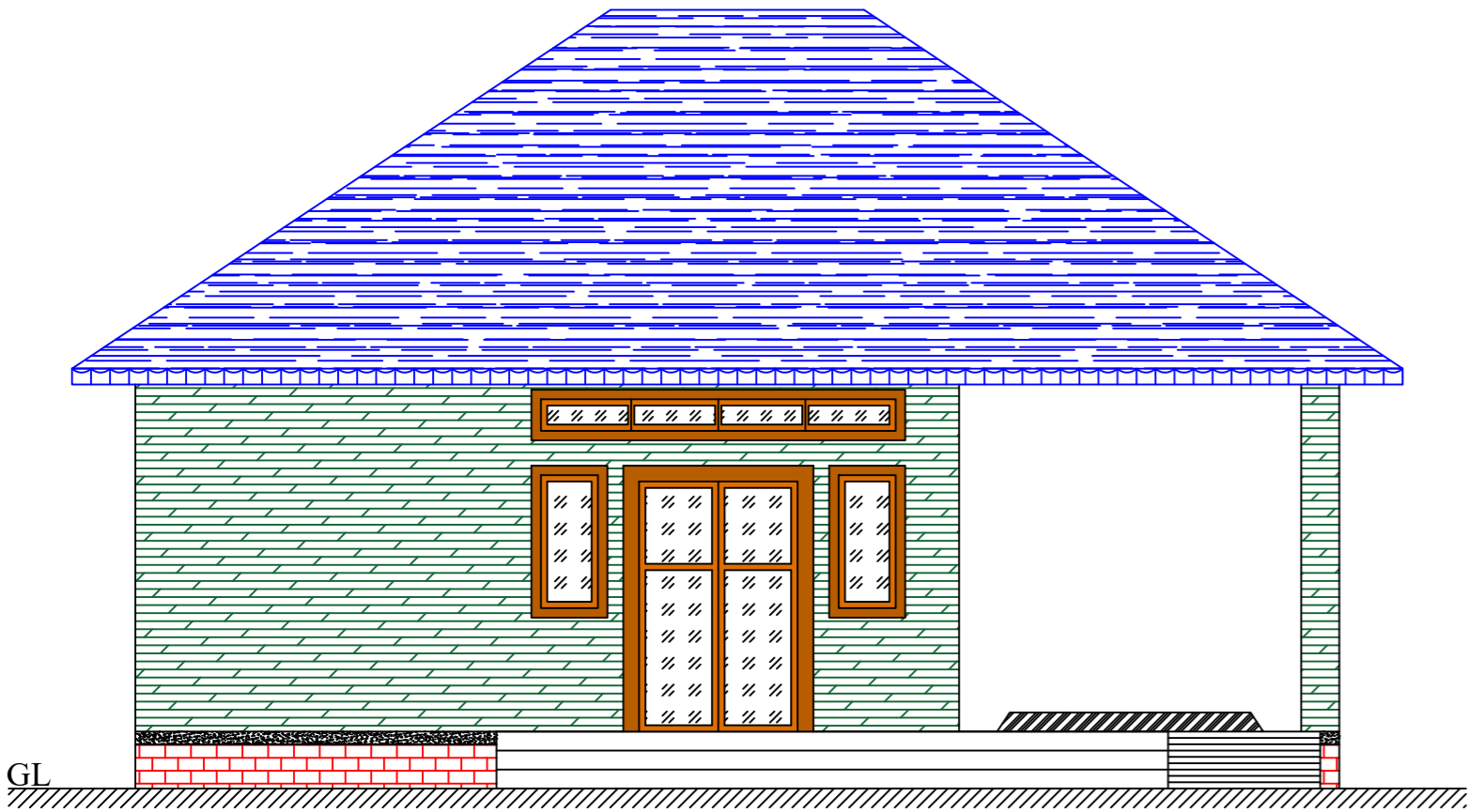


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Sustainable Wetlands and Integrated  
Fisheries Transformation (SWIFT) Project

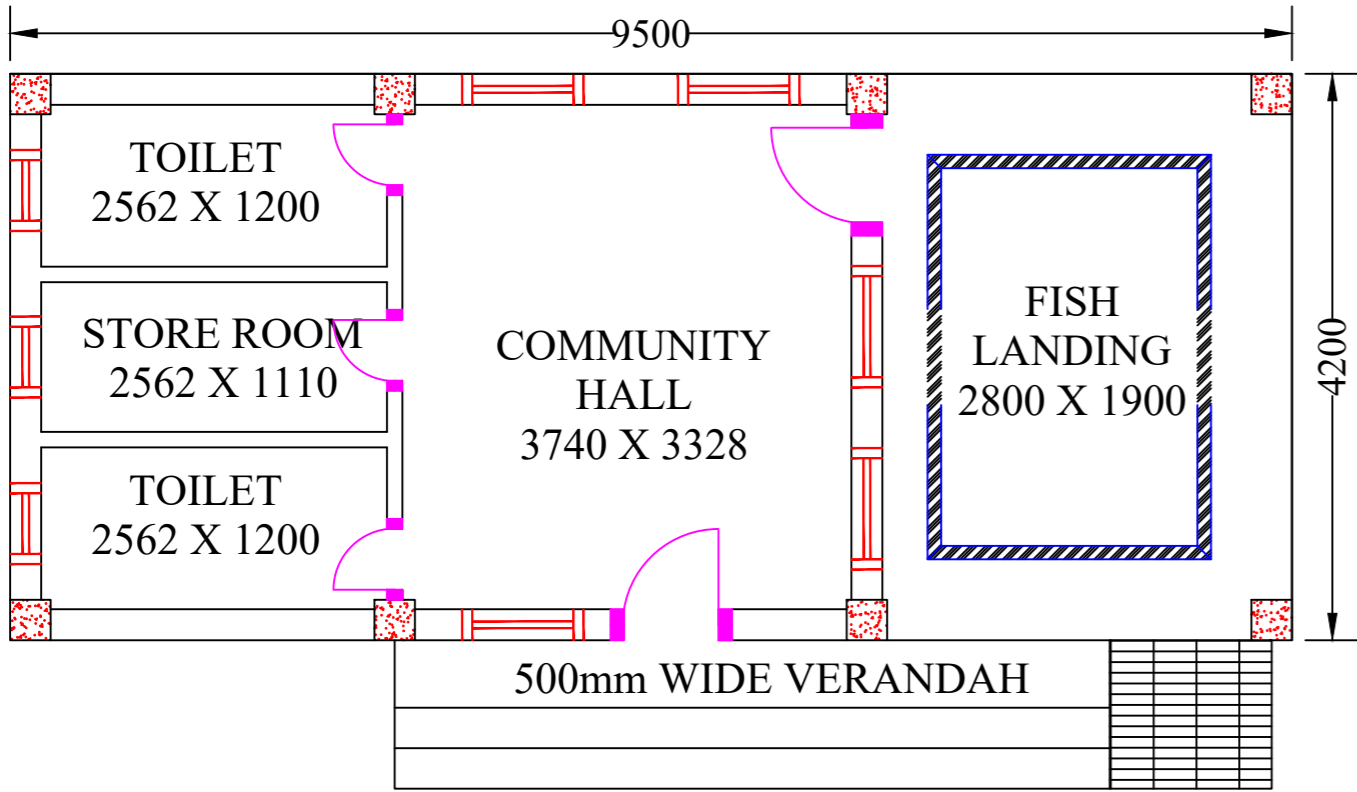


DWG TITLE :  
TYPICAL SECTION OF  
APPROACH ROAD

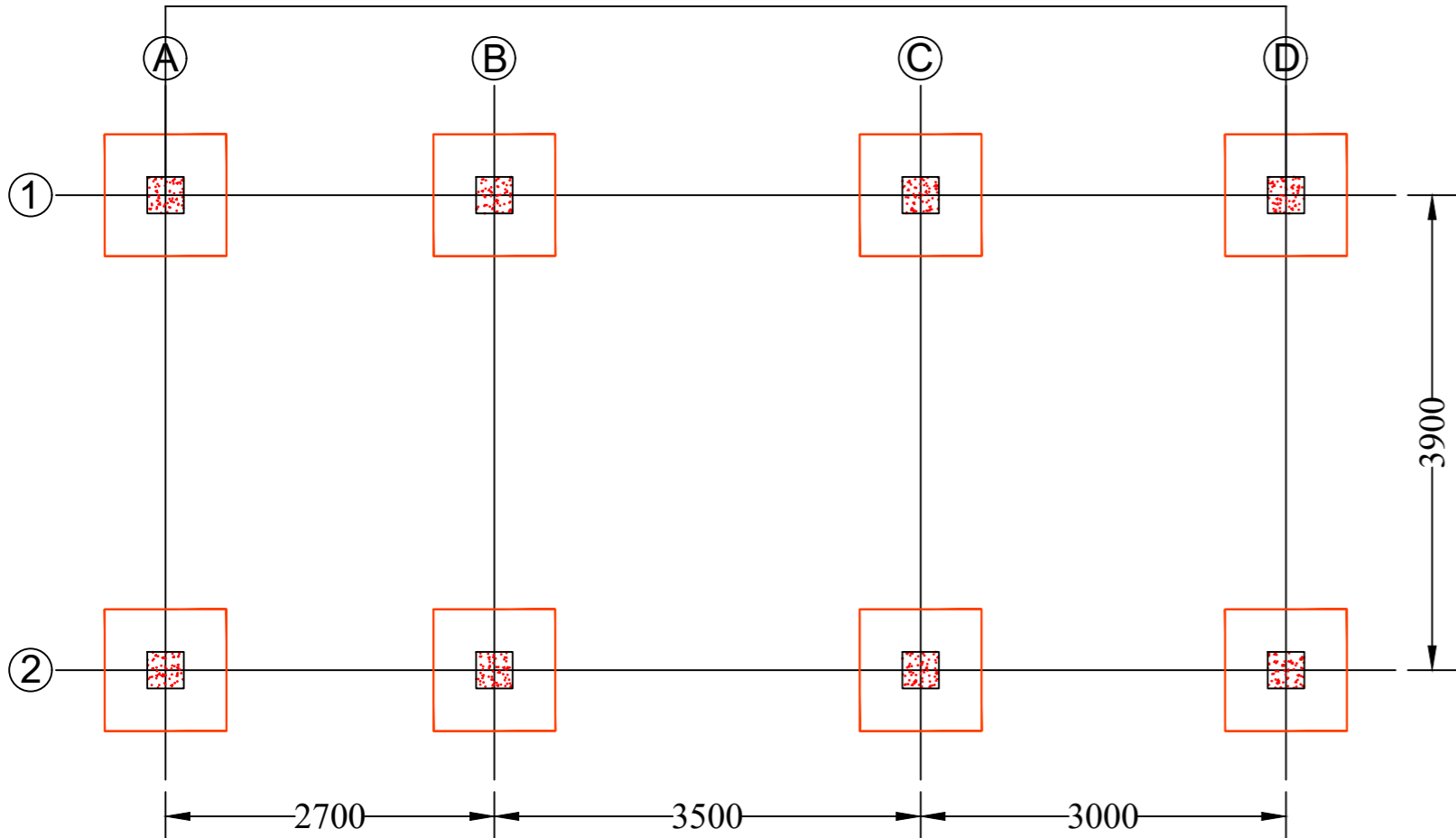
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



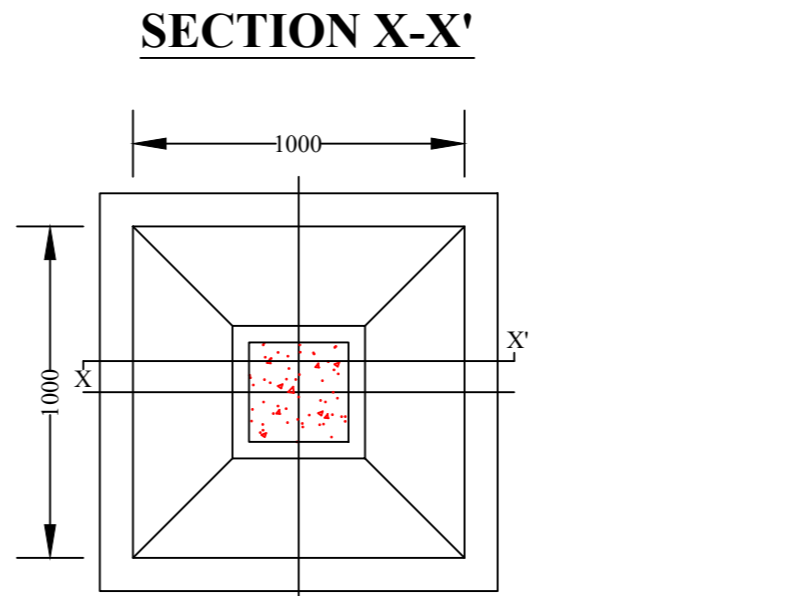
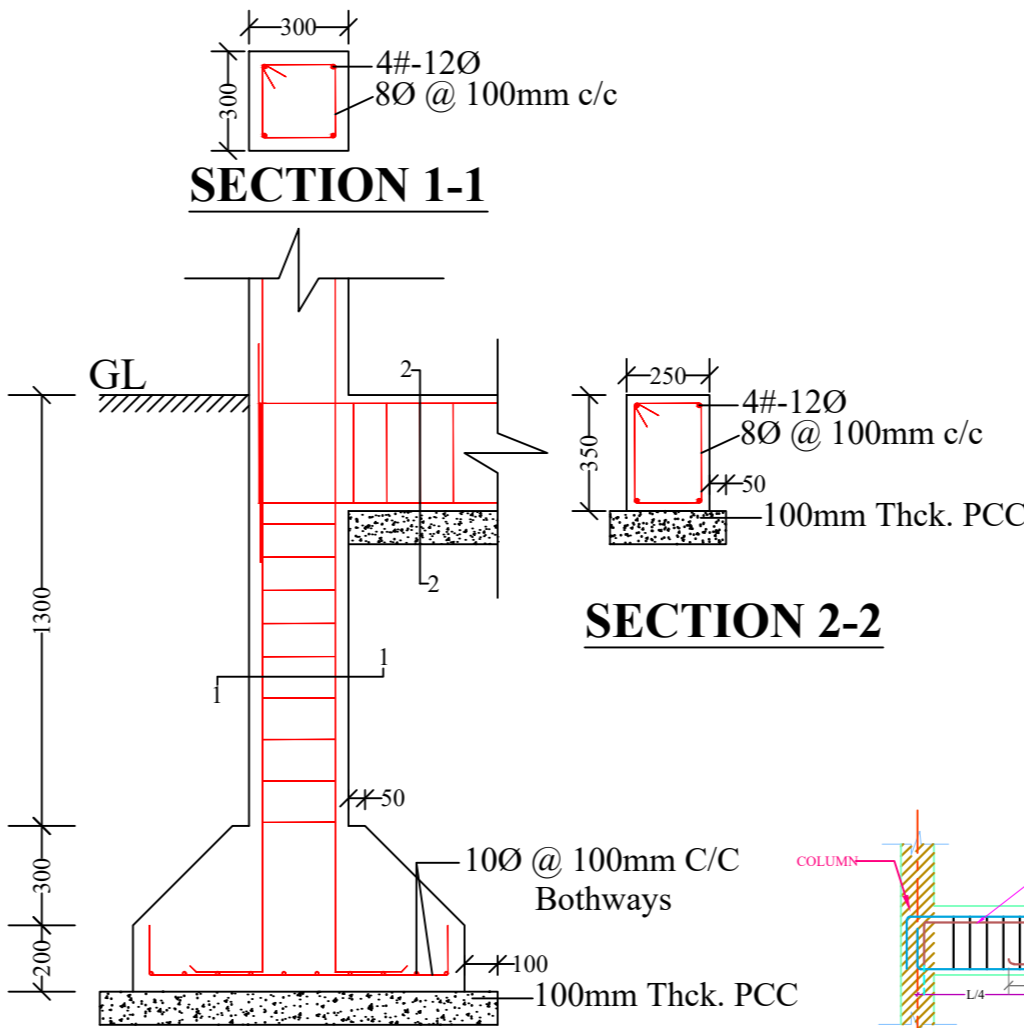
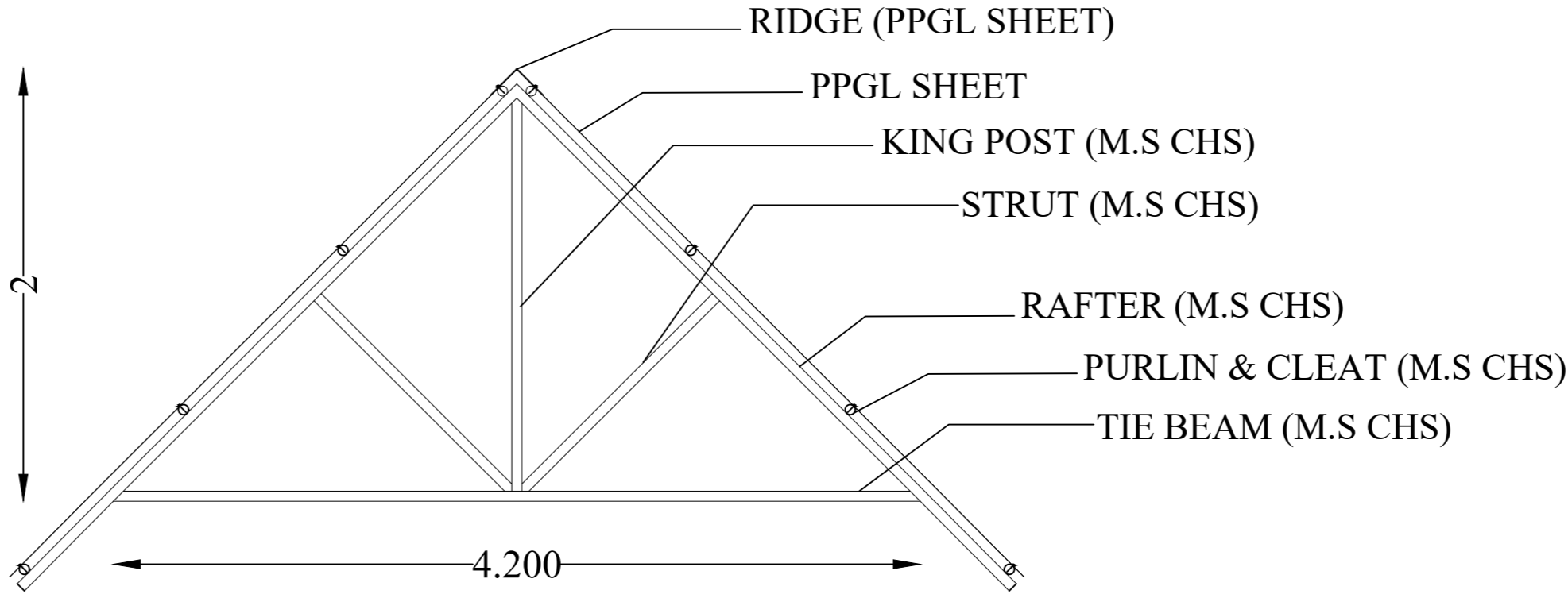
FRONT ELEVATION



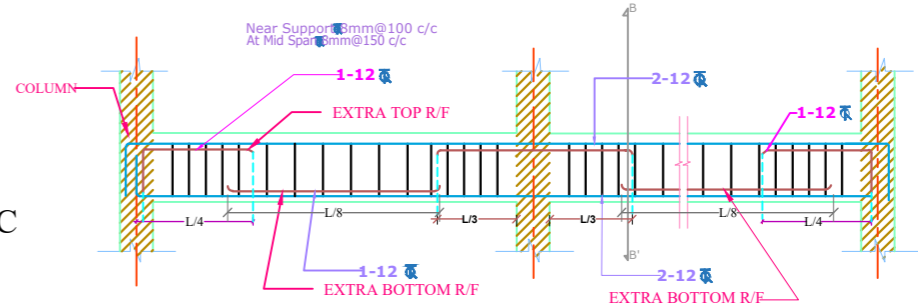
PLAN



FOOTING LAYOUT



FOOTING PLAN



TYPICAL SECTION OF FLOOR BEAM

- 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 =  $50 \times 'd'$  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

CLIENT :

ARIAS SOCIETY

CONSULTANT :

SHUBH CONSULTANTS AND  
TECHNOCRATS LLP

DWG TITLE :

STANDARD DRAWING  
PLAN & CROSS-SECTION  
OF FISH LANDING SHED CUM  
COMMUNITY CENTRE

DATE :

CHECKED BY:

SUBMITTED TO:

RECOMMENDED BY:

APPROVED BY:

DATE :

DATE :

DATE :

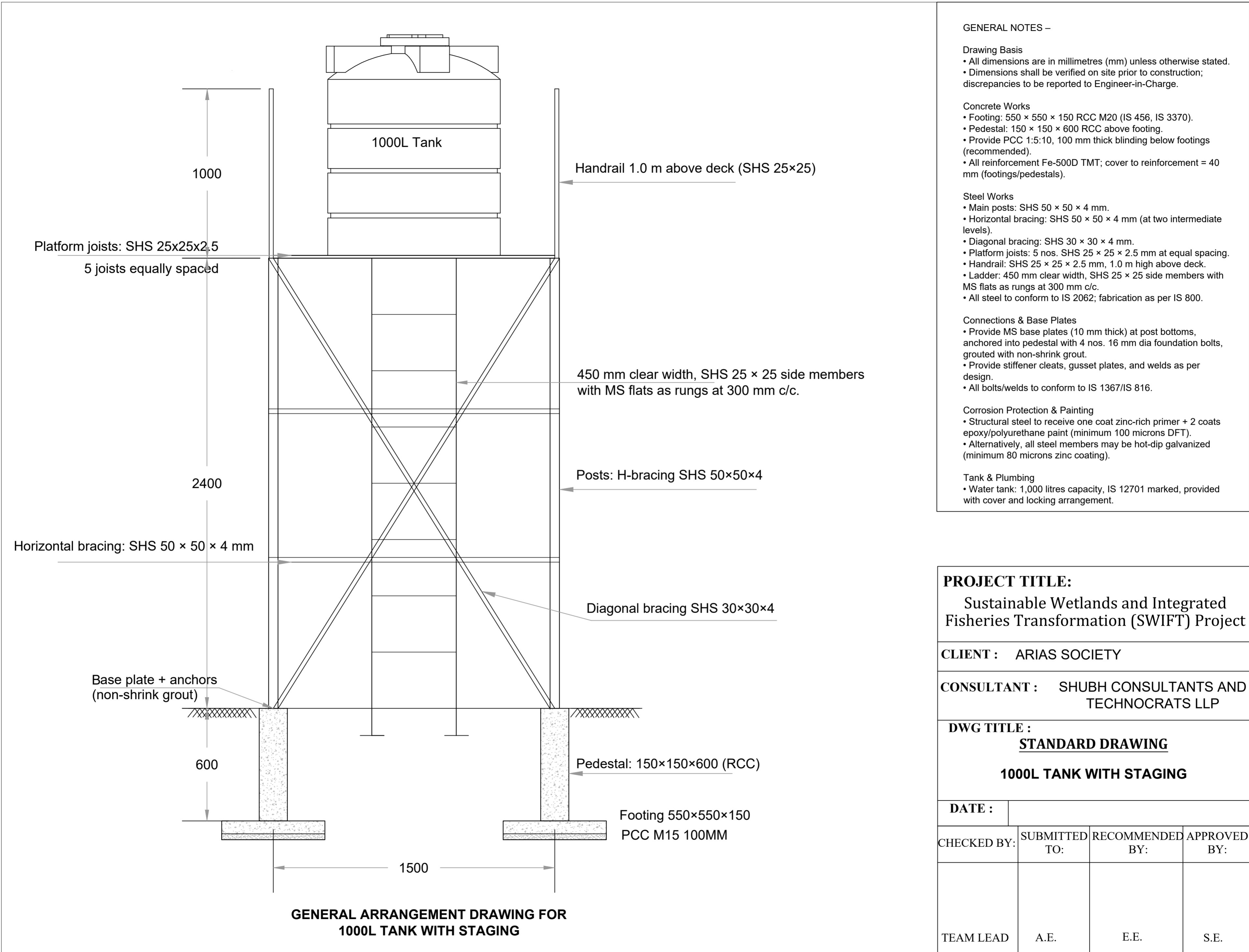
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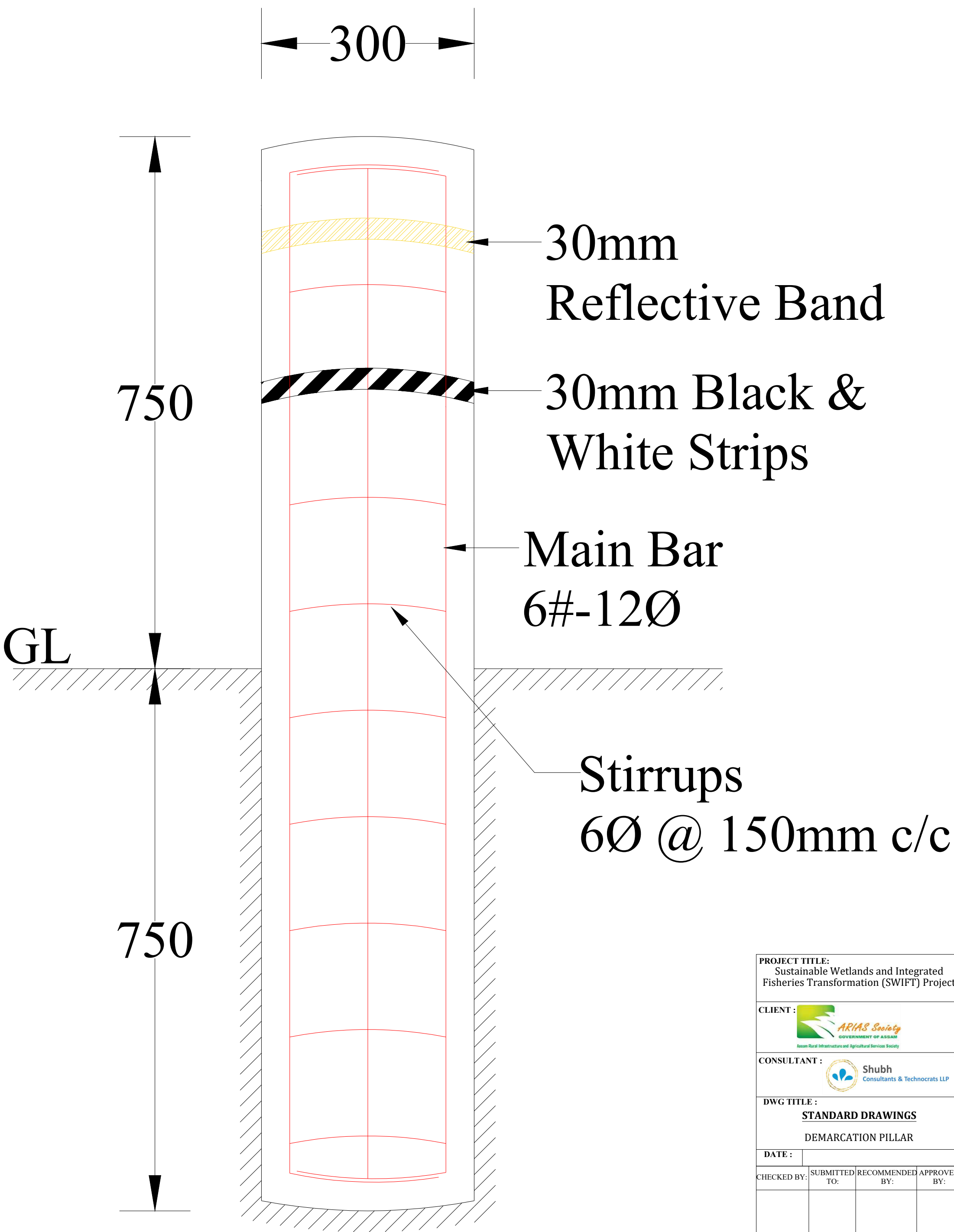
TEAM LEAD



A.E.

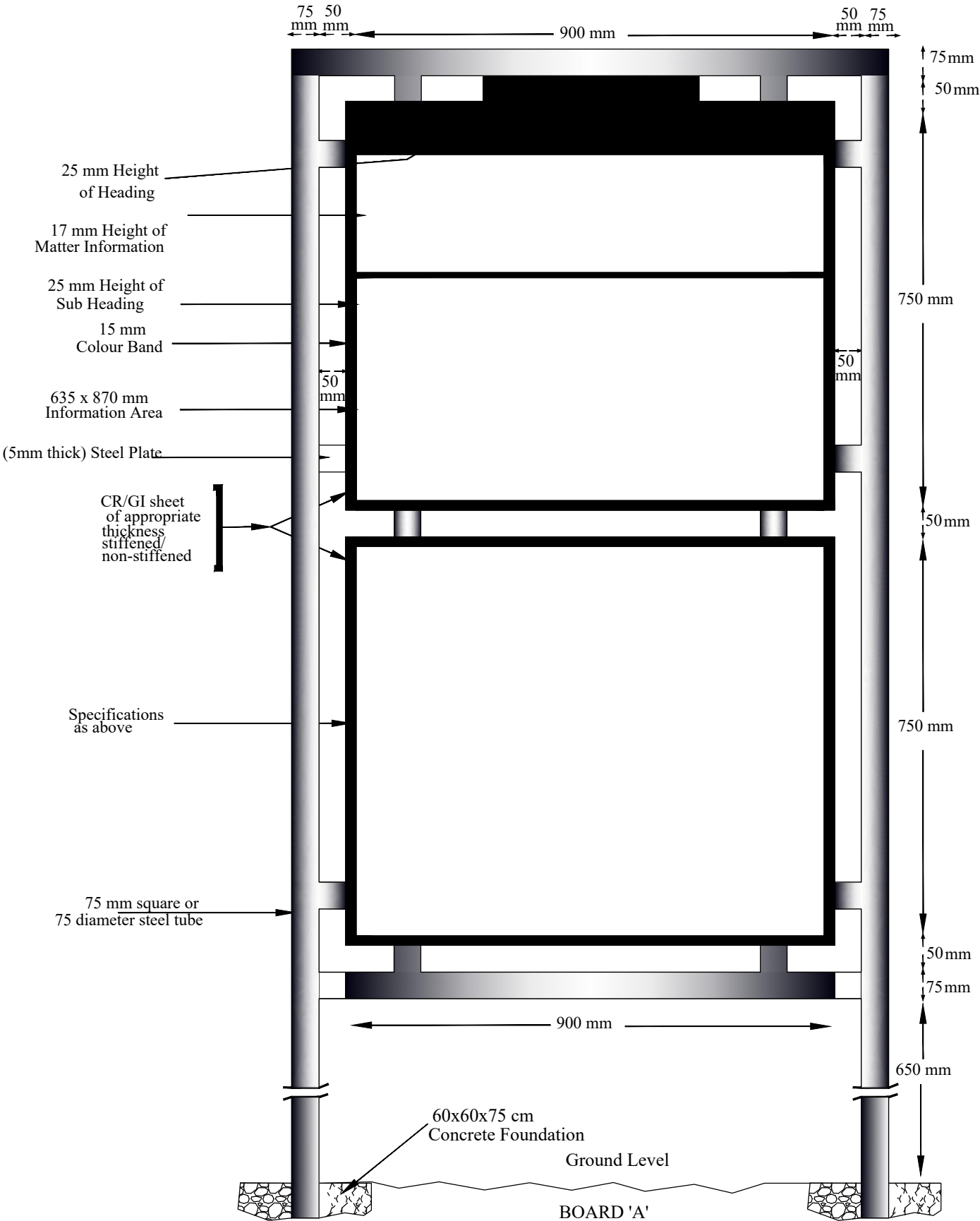
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S.E.

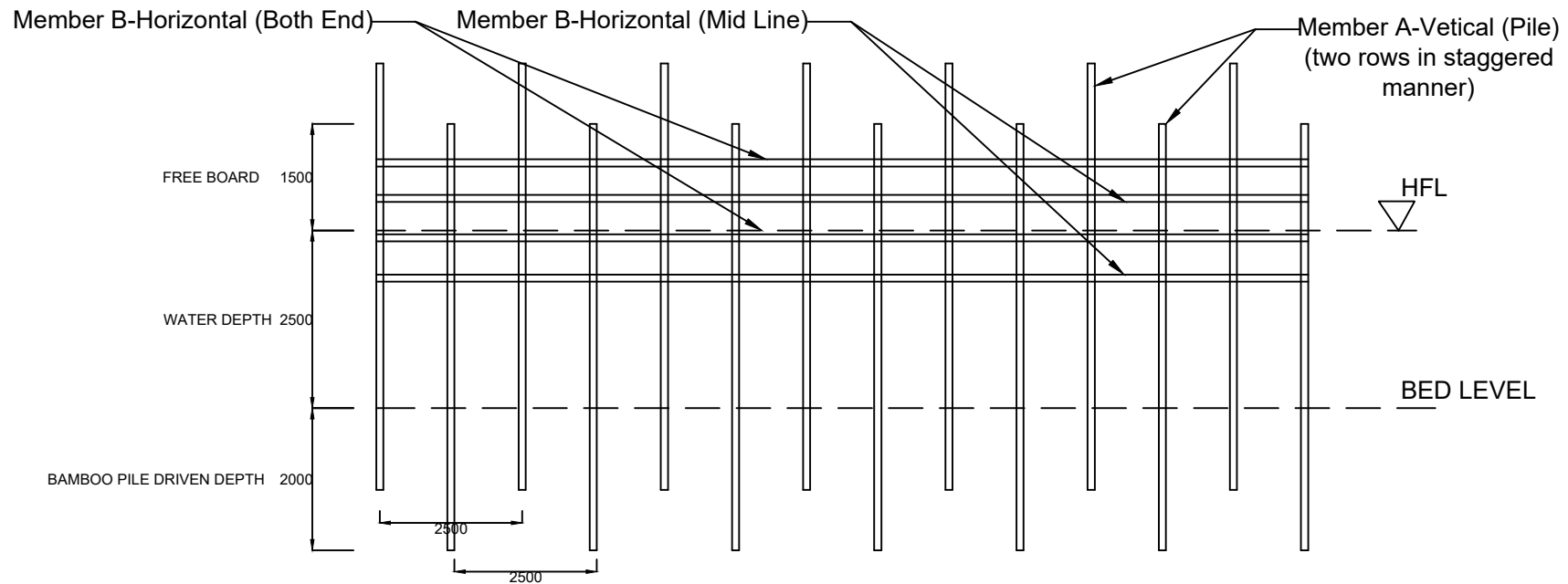




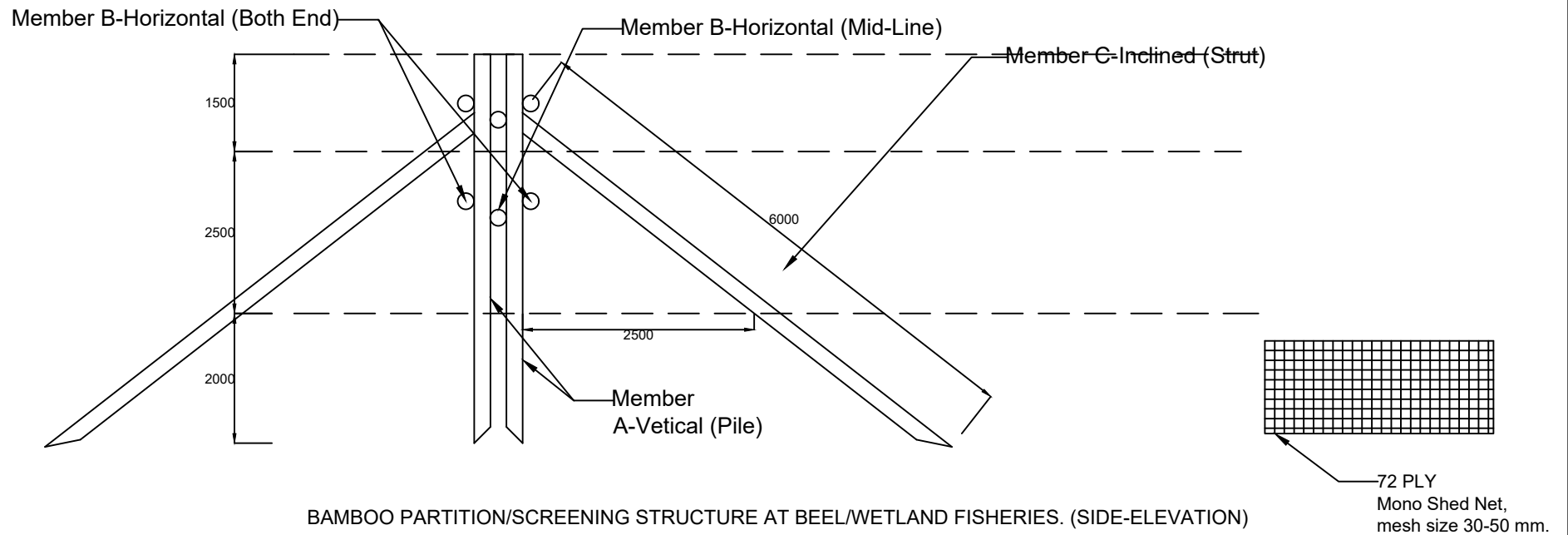
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :  ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society			
CONSULTANT :  Shubh Consultants & Technocrats LLP			
DWG TITLE : <b>STANDARD DRAWINGS</b> DEMARICATION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



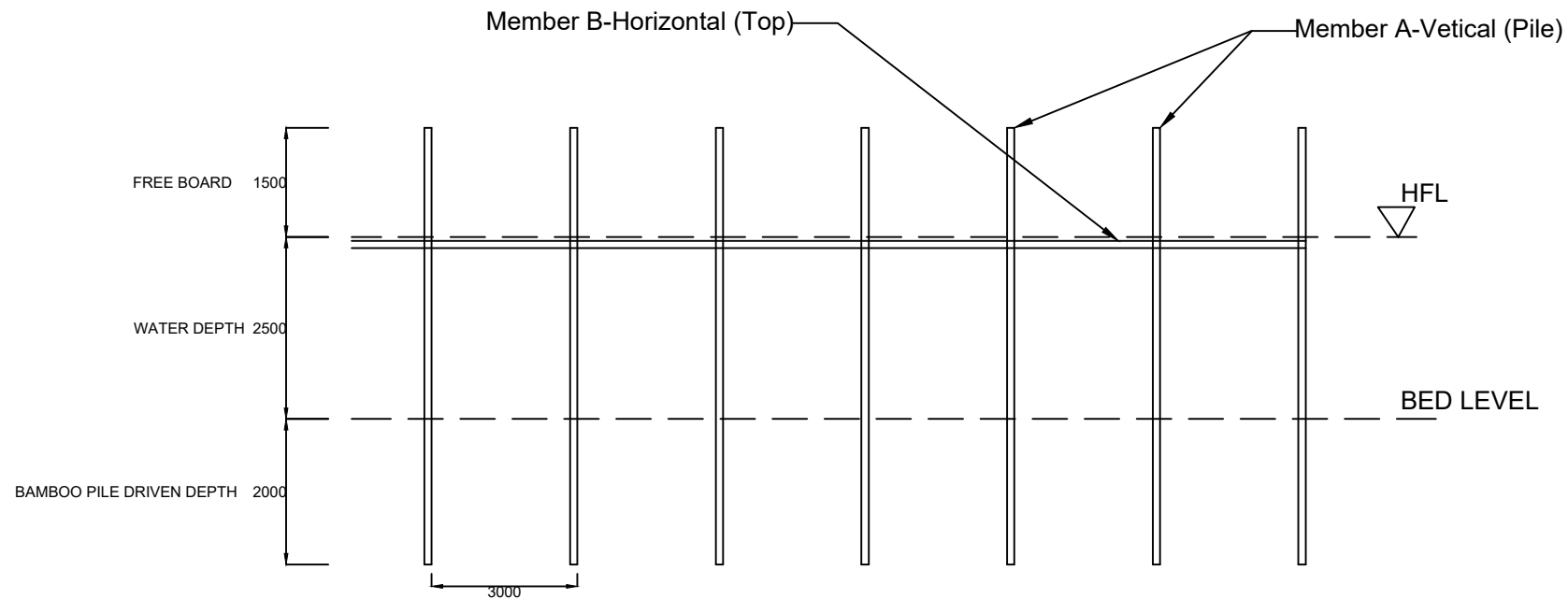
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<b>CLIENT :</b> ARIAS SOCIETY			
<b>CONSULTANT :</b> SHUBH CONSULTANTS AND TECHNOCRATS LLP			
<b>DWG TITLE :</b> <b>STANDARD DRAWING</b> <b>INFORMATION BOARD</b>			
<b>DATE :</b>			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
TEAM LEAD	A.E.	E.E.	S.E.



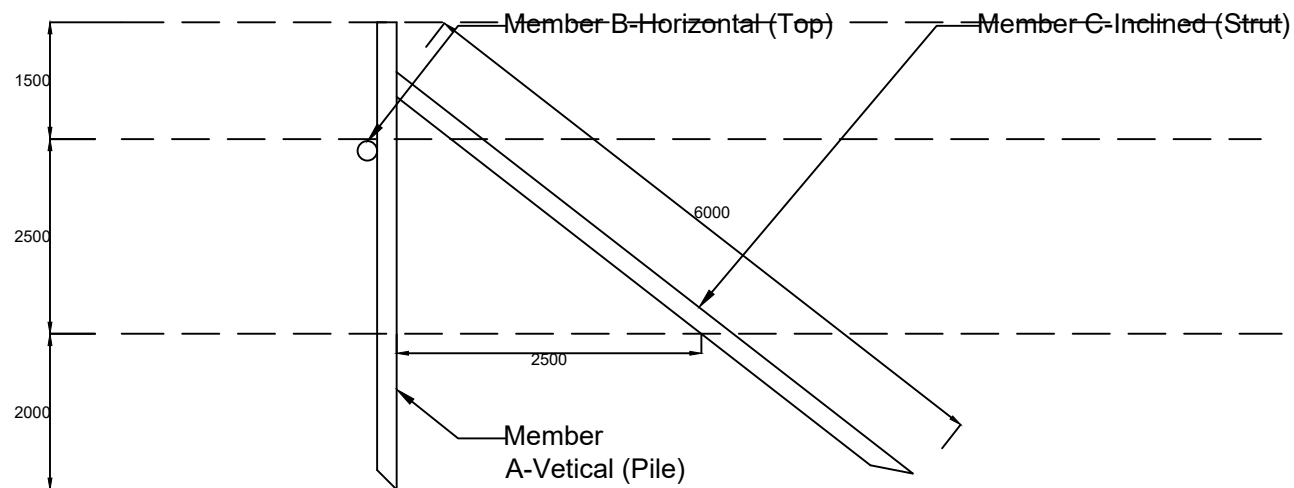
BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



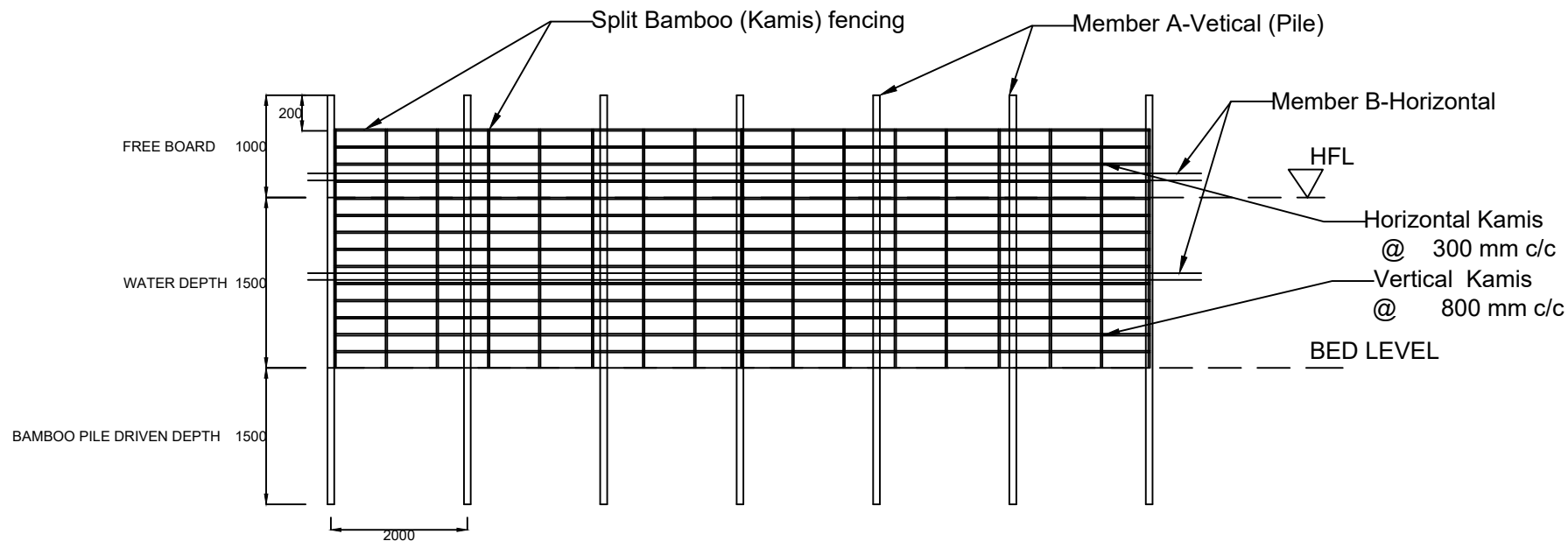
BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (SIDE-ELEVATION)



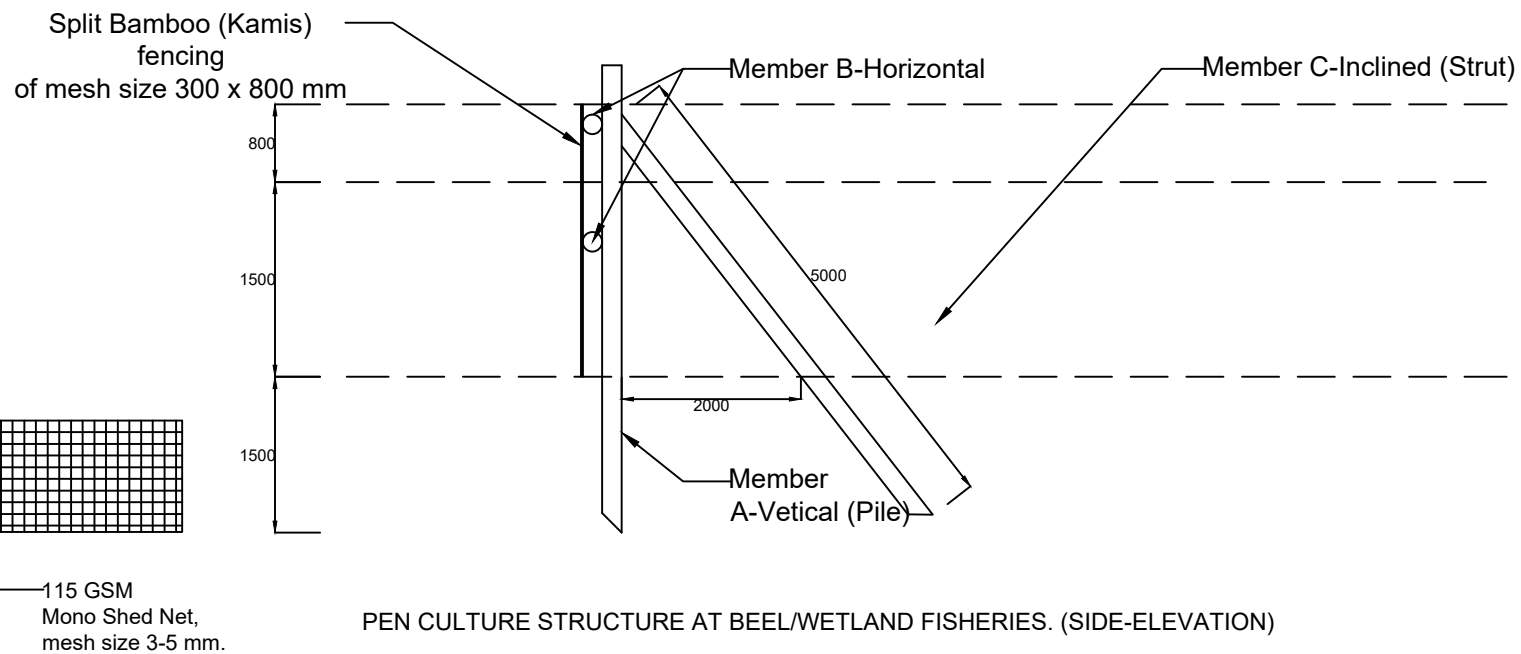
KATAL/CATTLE FISHING STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



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



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



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