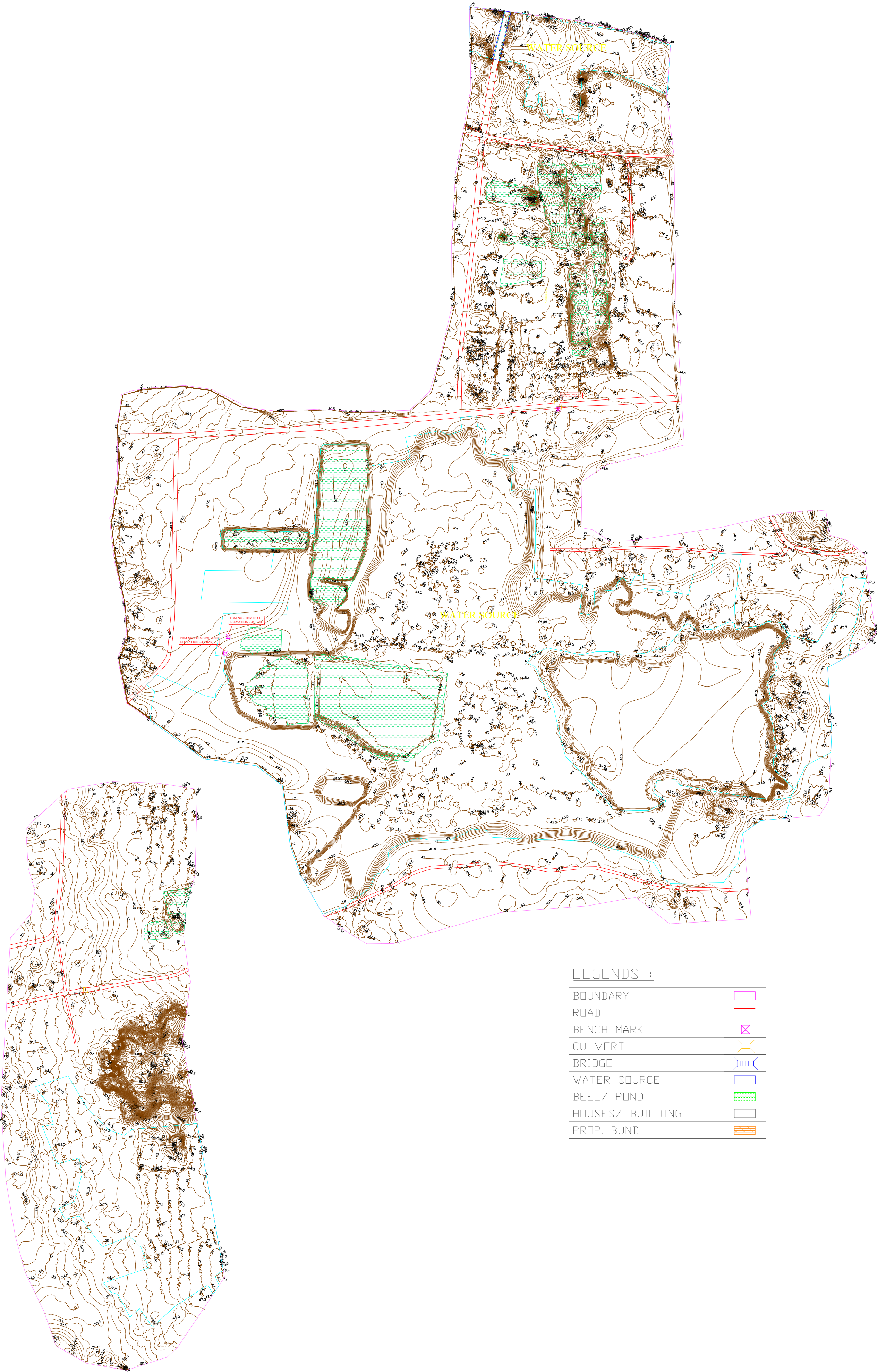
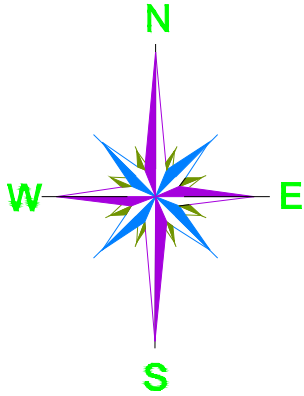


CONTOUR MAP WITH BATHYMETRIC LEVELS OF
PITKATI BEEL

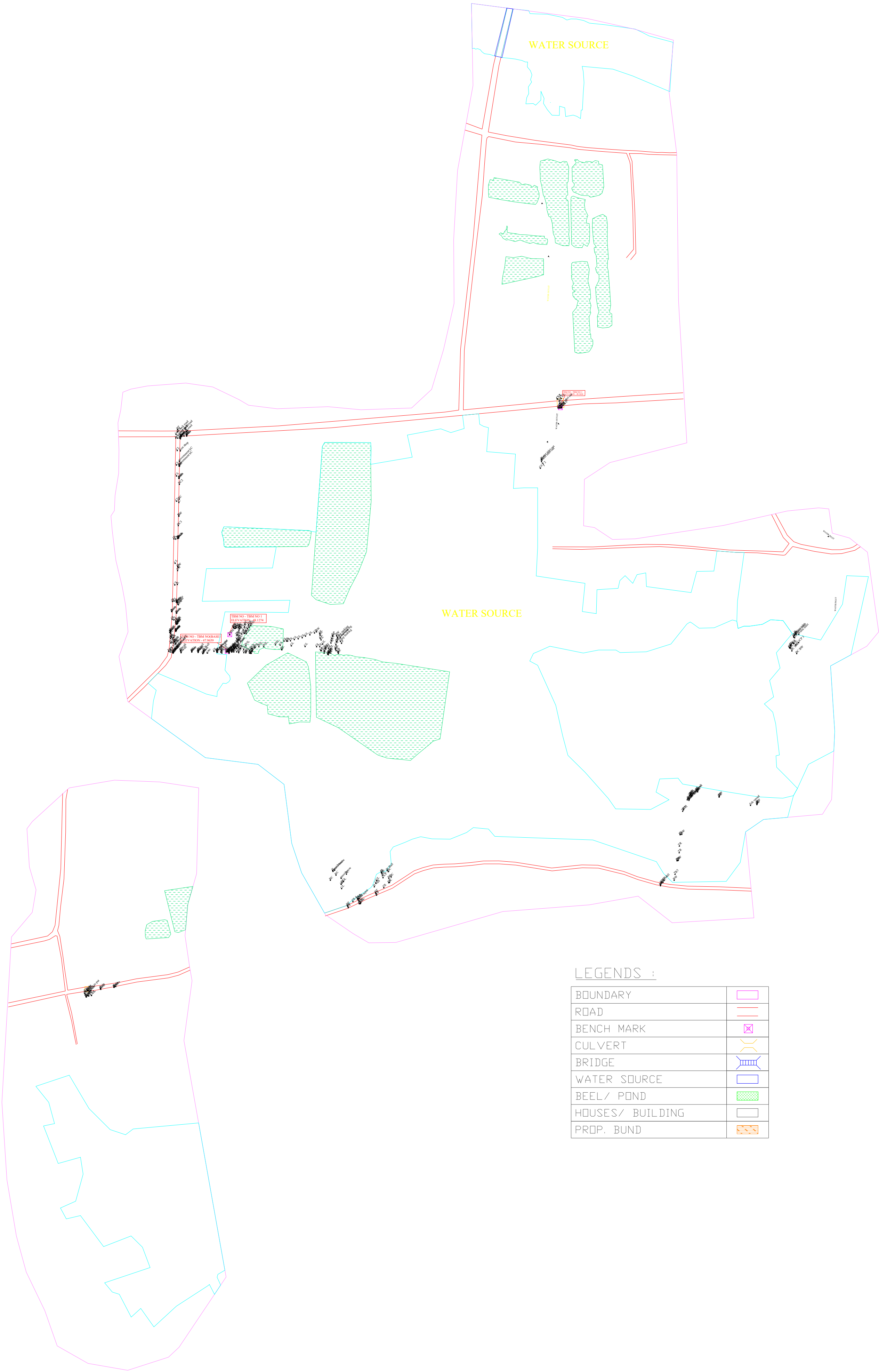
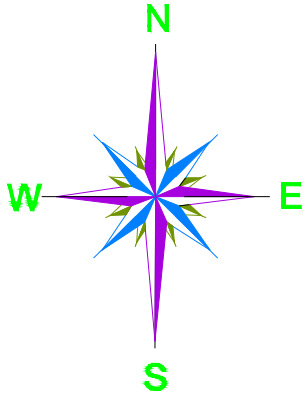


LEGENDS :

BOUNDARY	
ROAD	
BENCH MARK	
CULVERT	
BRIDGE	
WATER SOURCE	
BEEL/ POND	
HOUSES/ BUILDING	
PROP. BUND	

PACKAGE NO.:			
04			
NAME OF THE BEEL:			
PITKATI BEEL			
DEVELOPMENT BLOCK:			
HAJO			
REVENUE VILLAGE:			
BISHNUPUR			
DISTRICT:			
KAMRUP			
AREA (Ha):			
12.62 Ha			
PROJECT TITLE:			
Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
CONSULTANT :			
DWG TITLE :			
CONTOUR MAP WITH BATHYMETRIC LEVELS OF PITKATI BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.

DGPS SURVEY LAYOUT MAP OF PITKATI BEEL



LEGENDS :

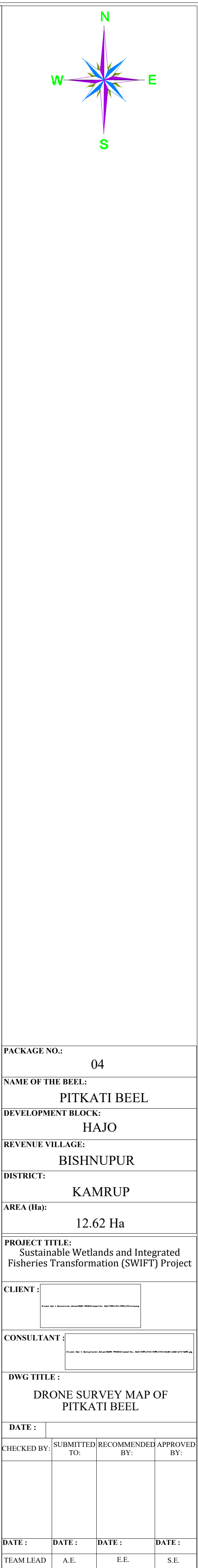
BOUNDARY	
ROAD	
BENCH MARK	
CULVERT	
BRIDGE	
WATER SOURCE	
BEEL/ POND	
HOUSES/ BUILDING	
PROP. BUND	

PACKAGE NO.:			
04			
NAME OF THE BEEL:			
PITKATI BEEL			
DEVELOPMENT BLOCK:			
HAJO			
REVENUE VILLAGE:			
BISHNUPUR			
DISTRICT:			
KAMRUP			
AREA (Ha):			
12.62 Ha			
PROJECT TITLE:			
Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
CONSULTANT :			
DWG TITLE :			
DGPS SURVEY LAYOUT MAP OF PITKATI BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.

DRONE SURVEY MAP OF PITKATI BEEL

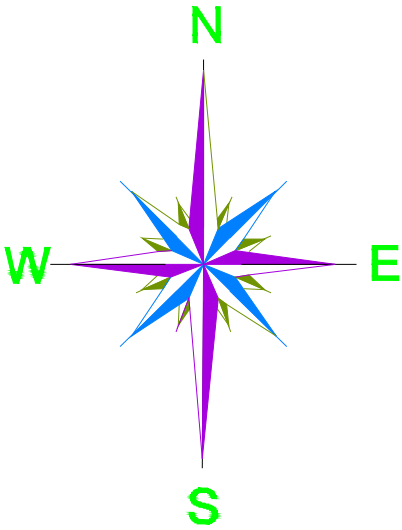
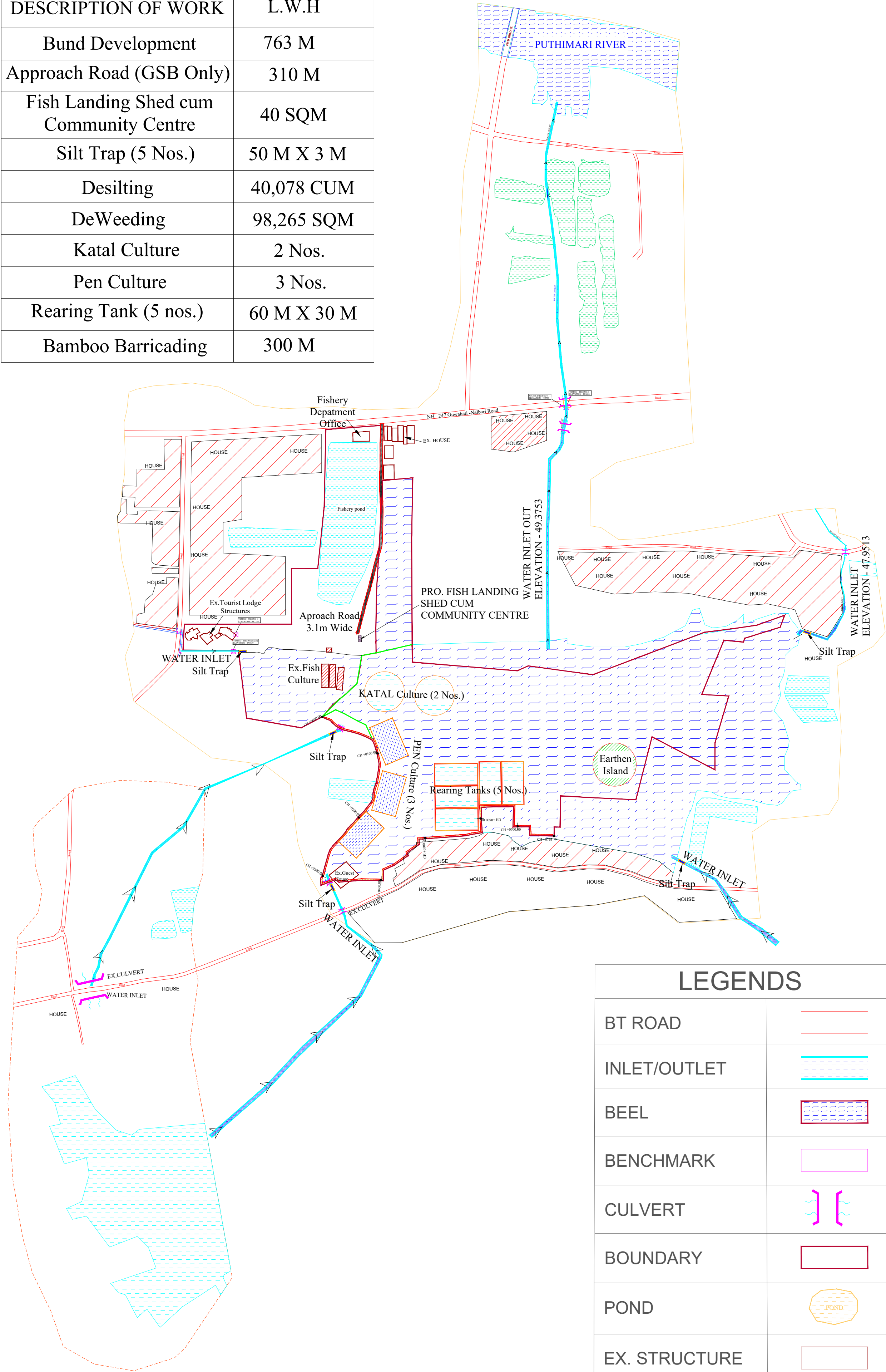
The map displays an aerial view of the Pitkati Beel area. It shows a mix of green vegetation, water bodies, and built-up areas with houses and buildings. Several rectangular areas are outlined in green, likely representing beels or ponds. Roads are marked with red lines, and a yellow line indicates a culvert. A blue line marks a bridge. Two areas are labeled 'WATER SOURCE' in yellow text. The legend table at the bottom right defines the symbols used on the map.

LEGENDS :	
BOUNDARY	
ROAD	
BENCH MARK	
CULVERT	
BRIDGE	
WATER SOURCE	
BEEL/ POND	
HOUSES/ BUILDING	
PROP. BUND	

[illegible]

LAYOUT PLAN OF PITKATI BEEL

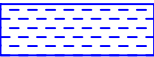
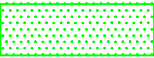
PROPOSED WORK	
DESCRIPTION OF WORK	L.W.H
Bund Development	763 M
Approach Road (GSB Only)	310 M
Fish Landing Shed cum Community Centre	40 SQM
Silt Trap (5 Nos.)	50 M X 3 M
Desilting	40,078 CUM
DeWeeding	98,265 SQM
Katal Culture	2 Nos.
Pen Culture	3 Nos.
Rearing Tank (5 nos.)	60 M X 30 M
Bamboo Barricading	300 M



LEGENDS	
BT ROAD	
INLET/OUTLET	
BEEL	
BENCHMARK	
CULVERT	
BOUNDARY	
POND	
EX. STRUCTURE	
PRO. BUND	

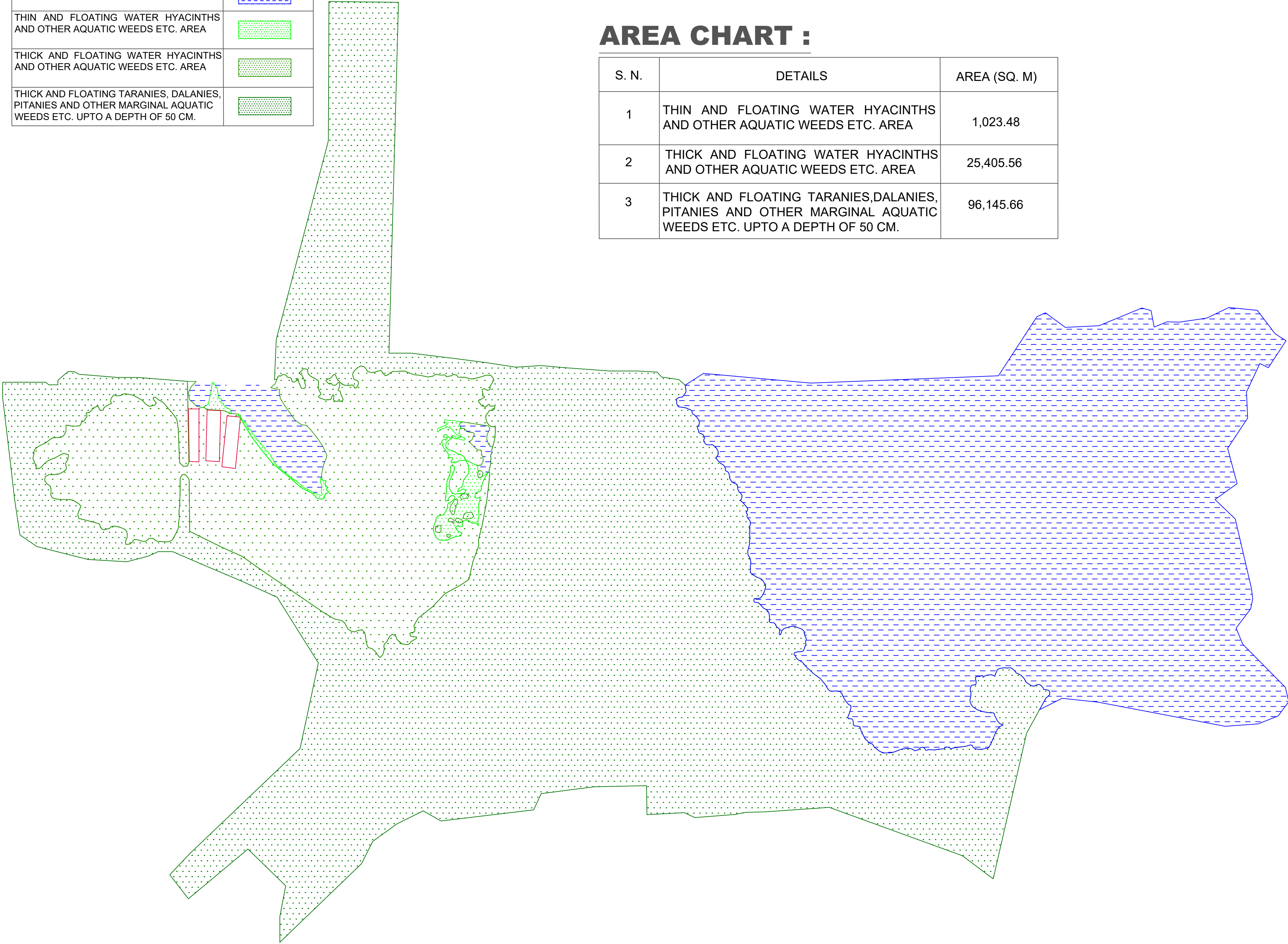
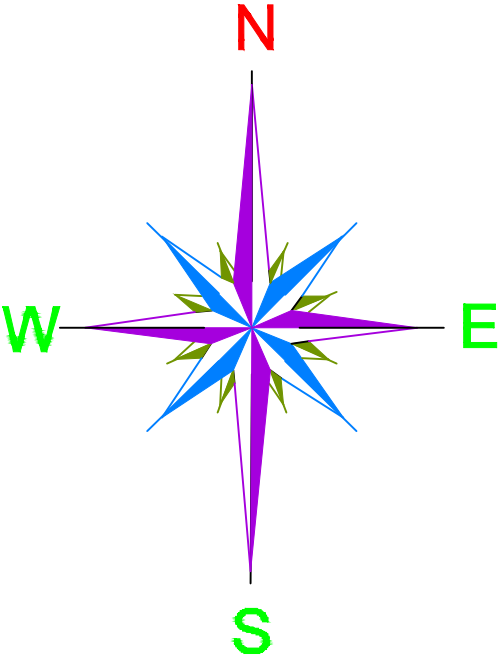
PACKAGE NO.: 04	
NAME OF THE BEEL: PITKATI BEEL	
DEVELOPMENT BLOCK:HAJO	
REVENUE VILLAGE: BISHNUPUR	
DISTRICT: KAMRUP	
AREA (Ha): 12.62 Ha	
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project	
CLIENT :	
CONSULTANT :	
DWG TITLE : MASTERPLAN LAYOUT OF PITKATI BEEL	
DATE :	
CHECKED BY:	SUBMITTED TO:
	RECOMMENDED BY:
	APPROVED BY:
DATE :	DATE :
DATE :	DATE :
TEAM LEAD	A.E.
	E.E.
	S.E.

LEGEND :

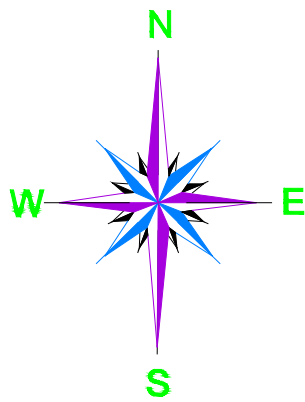
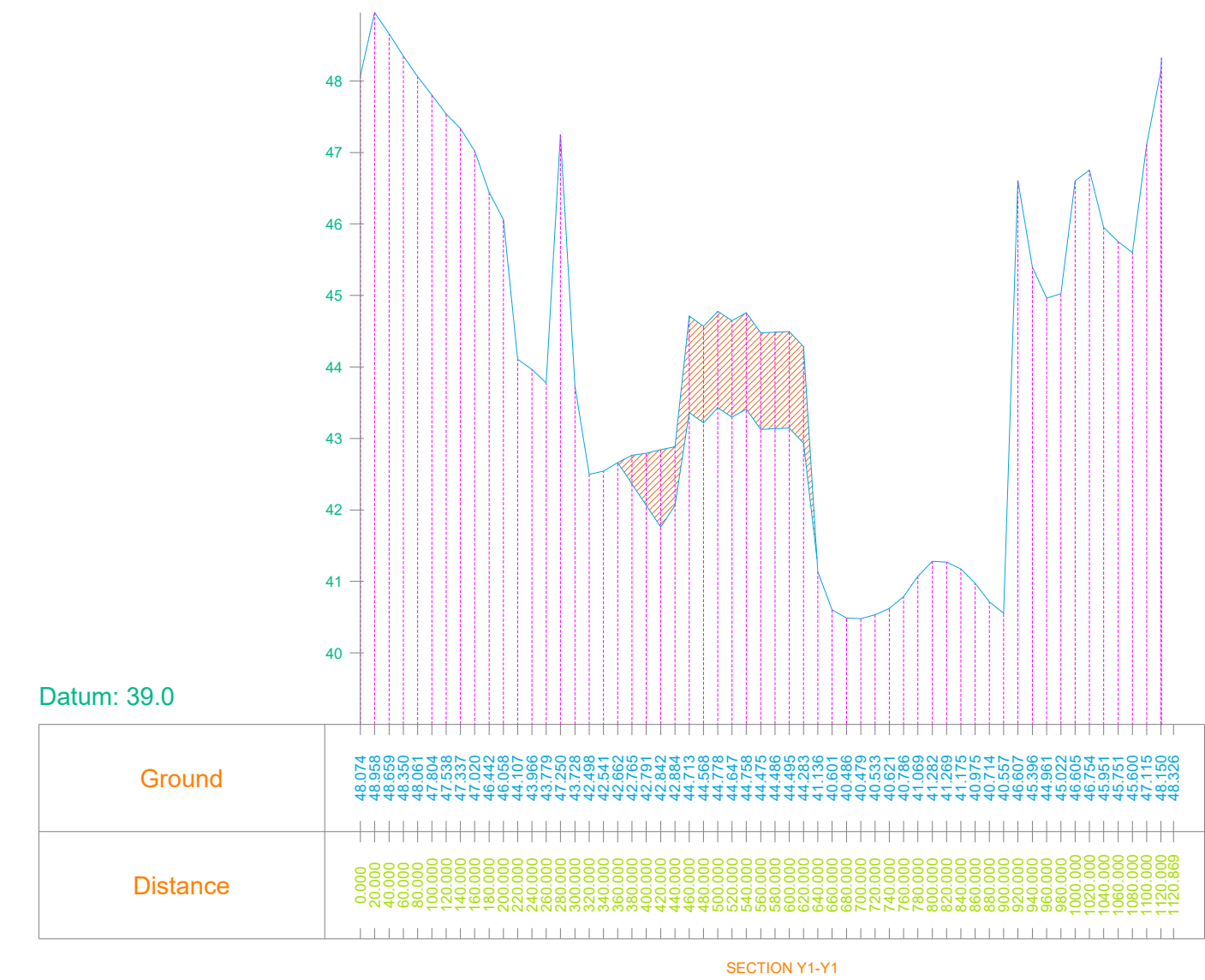
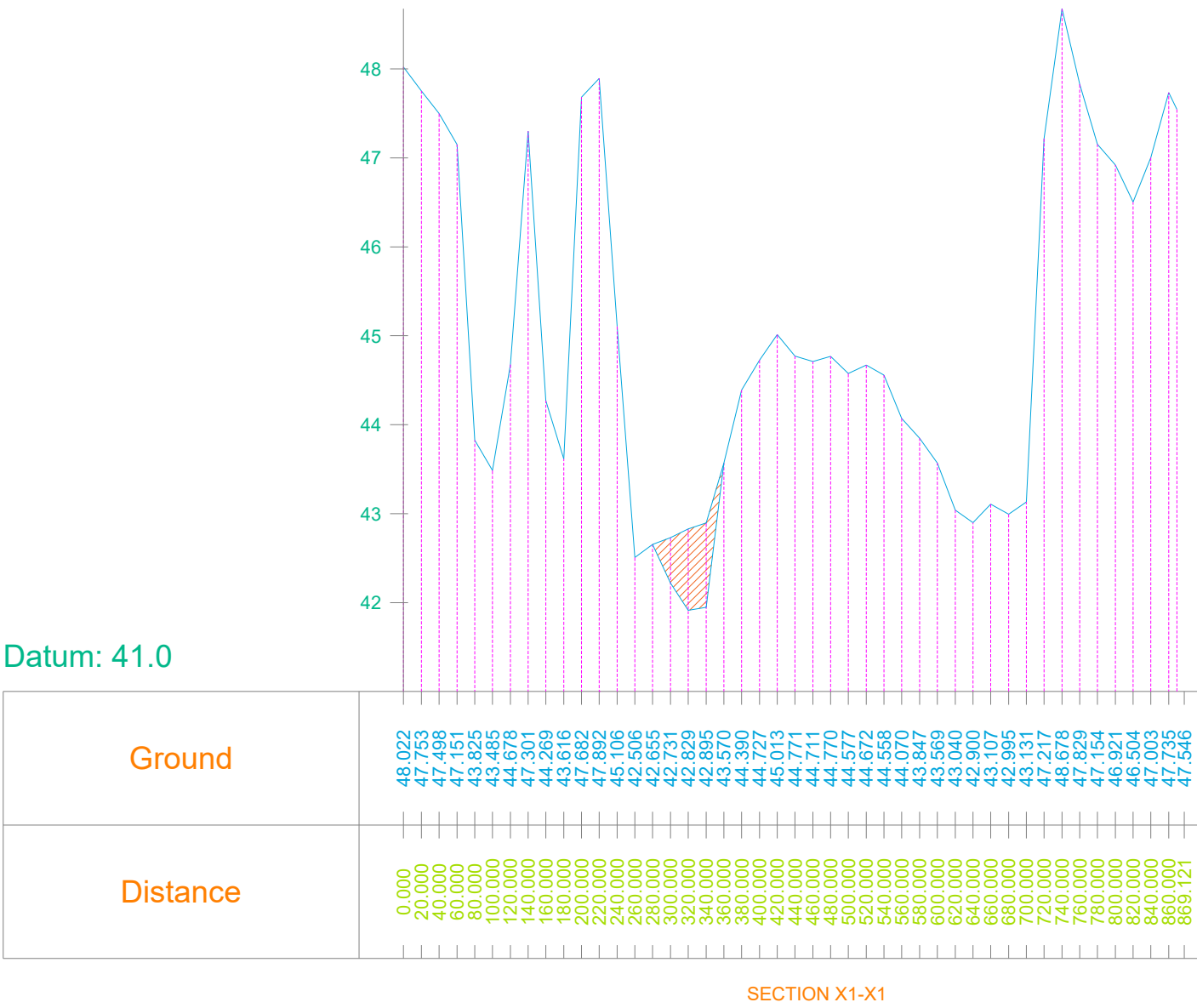
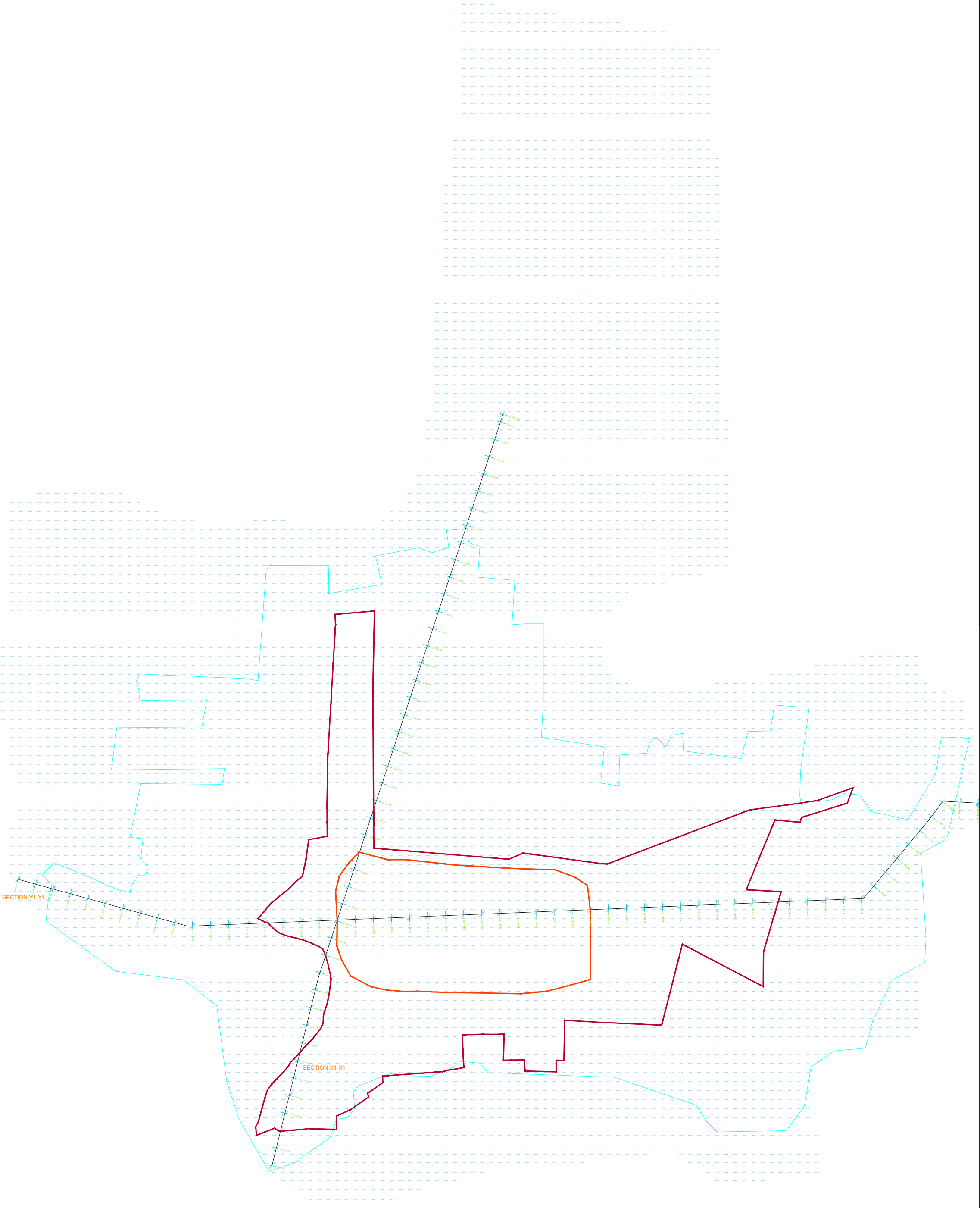
WATER AREA	
THIN AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC. AREA	
THICK AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC. AREA	
THICK AND FLOATING TARANIES, DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 CM.	

AREA CHART :

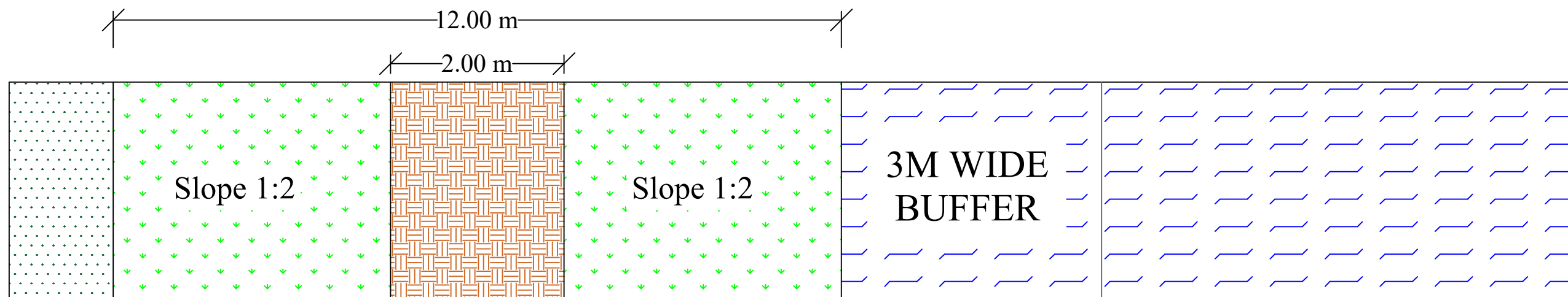
S. N.	DETAILS	AREA (SQ. M)
1	THIN AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC. AREA	1,023.48
2	THICK AND FLOATING WATER HYACINTHS AND OTHER AQUATIC WEEDS ETC. AREA	25,405.56
3	THICK AND FLOATING TARANIES,DALANIES, PITANIES AND OTHER MARGINAL AQUATIC WEEDS ETC. UPTO A DEPTH OF 50 CM.	96,145.66



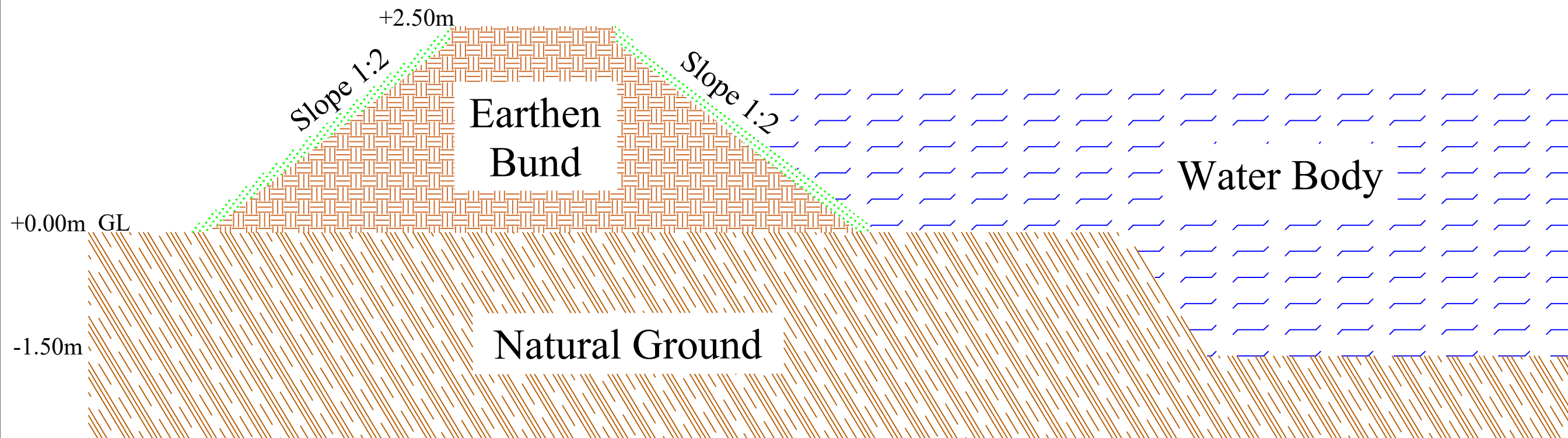
PACKAGE NO.:				04
NAME OF THE BEEL:				PITKATI BEEL
DEVELOPMENT BLOCK:				HAJO
REVENUE VILLAGE:				BISHNUPUR
DISTRICT:				KAMRUP
AREA (Ha):				12.62 Ha
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project				
CLIENT :  ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society				
CONSULTANT :  Shubh Consultants & Technocrats LLP				
DWG TITLE : VEGETAION LAYOUT OF PITKATI BEEL				
DATE :				
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:	
DATE :	DATE :	DATE :	DATE :	
TEAM LEAD	A.E.	E.E.	S.E.	



PACKAGE NO.: 04			
NAME OF THE BEEL: PITKATI BEEL			
DEVELOPMENT BLOCK: HAJO			
REVENUE VILLAGE: BISHNUPUR			
DISTRICT: KAMRUP (R)			
AREA (Ha): 12.62 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.



PLAN



CROSS - SECTION

SCALE: NOT TO SCALE

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

CLIENT :

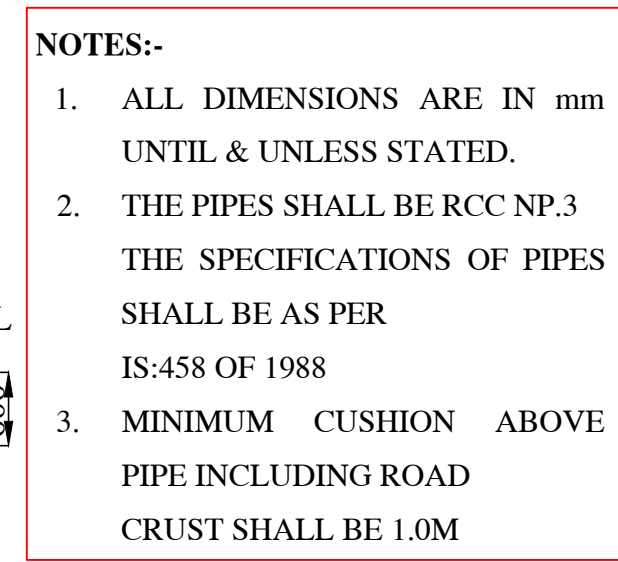
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure and Agricultural Services Society

CONSULTANT :

Shubh
Consultants & Technocrats LLP

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

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



The diagram illustrates the cross-section of a pipe bed. It features a central pipe with an outer diameter of 1230 and an inner diameter of 1000. The pipe is supported by a 1530-wide base. The bedding consists of a 250-thick layer of 1st class bedding directly under the pipe, and a 300-thick layer of bedding level below that. The total width of the bedding is 1530.

SECTION AT A-A
(FOR PIPE BED)



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 Service Society

CONSULTANT :  **Shubh**
Consultants & Technocrats LLP

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

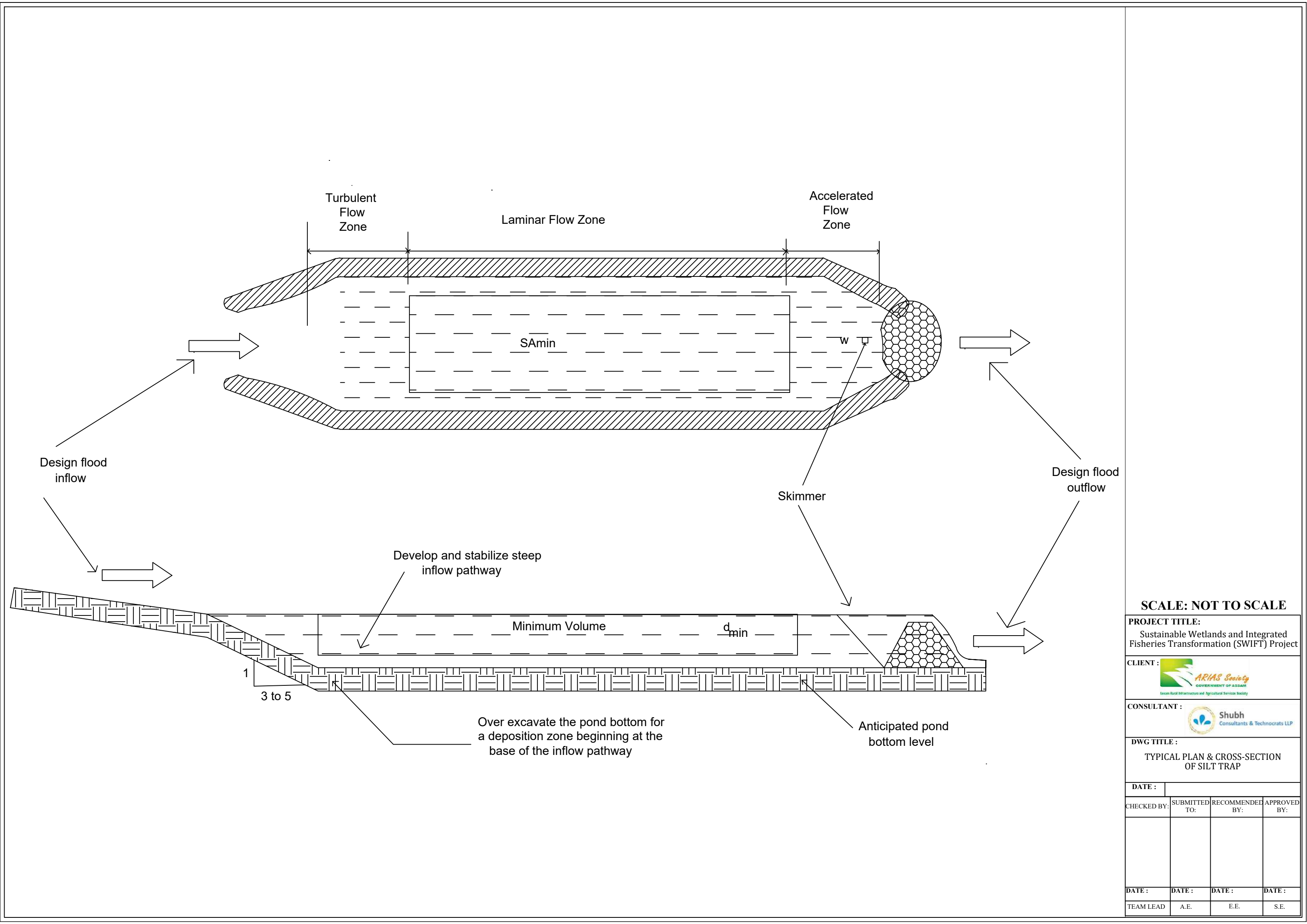
DATE :	
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CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
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	2017	2018	2019

DATE :	DATE :	DATE :	DATE :
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TEAM LEAD	A.E.	E.E.	S.E.
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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 SILT TRAP

DATE :

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

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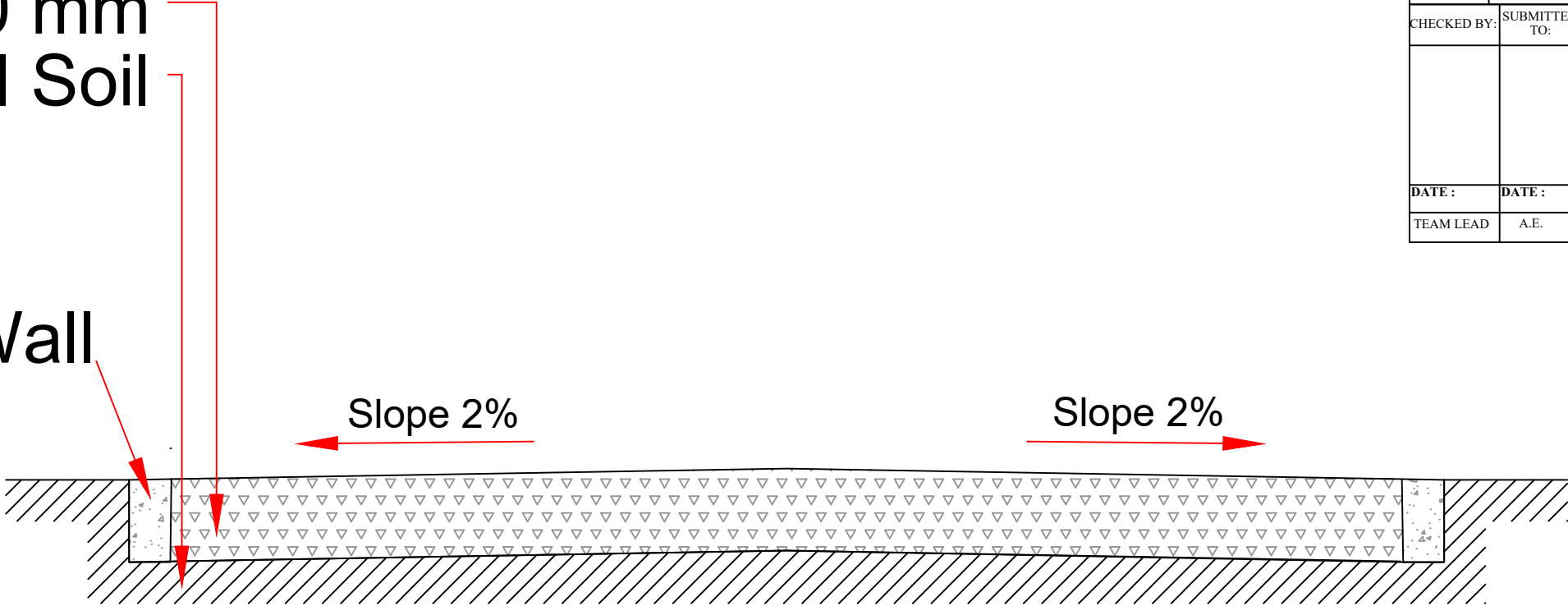
DATE : DATE : DATE : DATE :

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

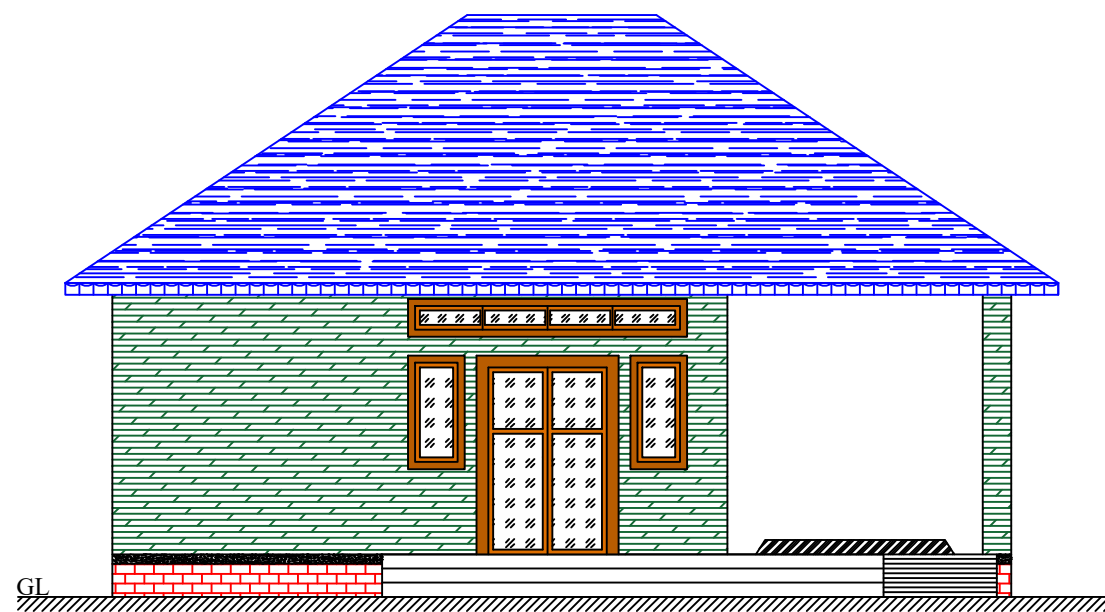
TYPICAL SECTION OF APPROACH ROAD

GSB of thickness 100 mm
Well-Compacted Natural Soil

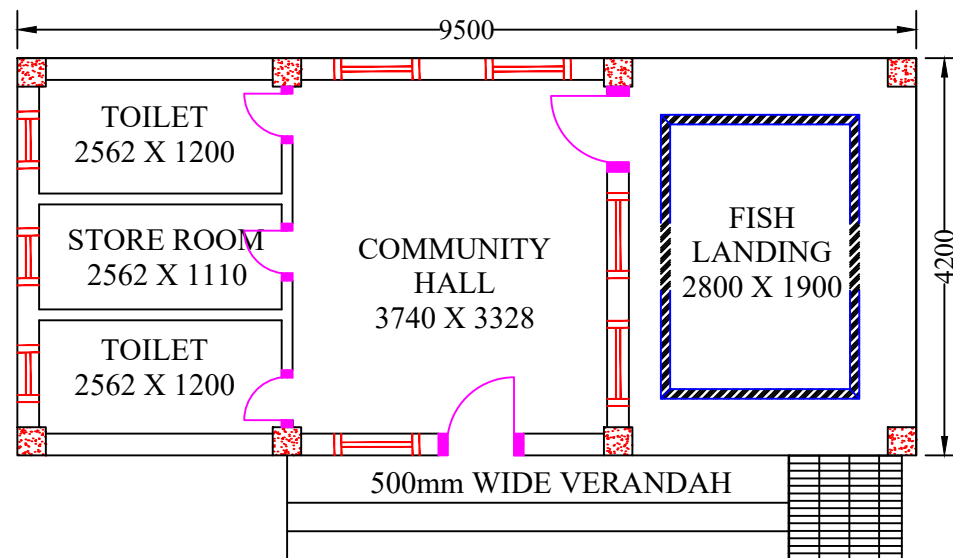
Edge-Restraint Wall



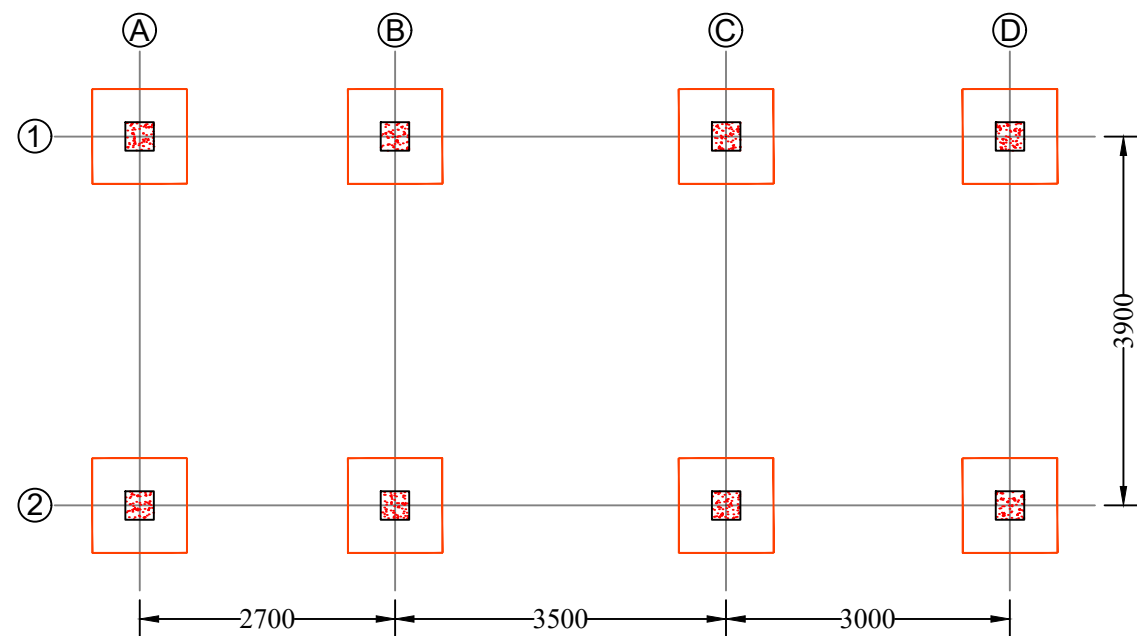
PACKAGE NO.: 03			
NAME OF THE BEEL: TINSUKIA BEEL			
DEVELOPMENT BLOCK: KHELUWA			
REVENUE VILLAGE: PHUKON PHODIA			
DISTRICT: SIVSAGAR			
AREA (Ha):			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT : 			
CONSULTANT :			
DWG TITLE : TYPICAL SECTION OF APPROACH ROAD			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



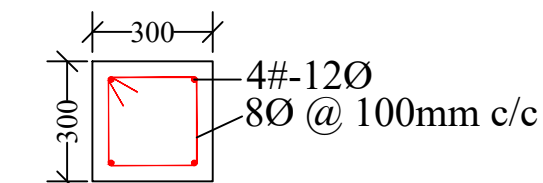
FRONT ELEVATION



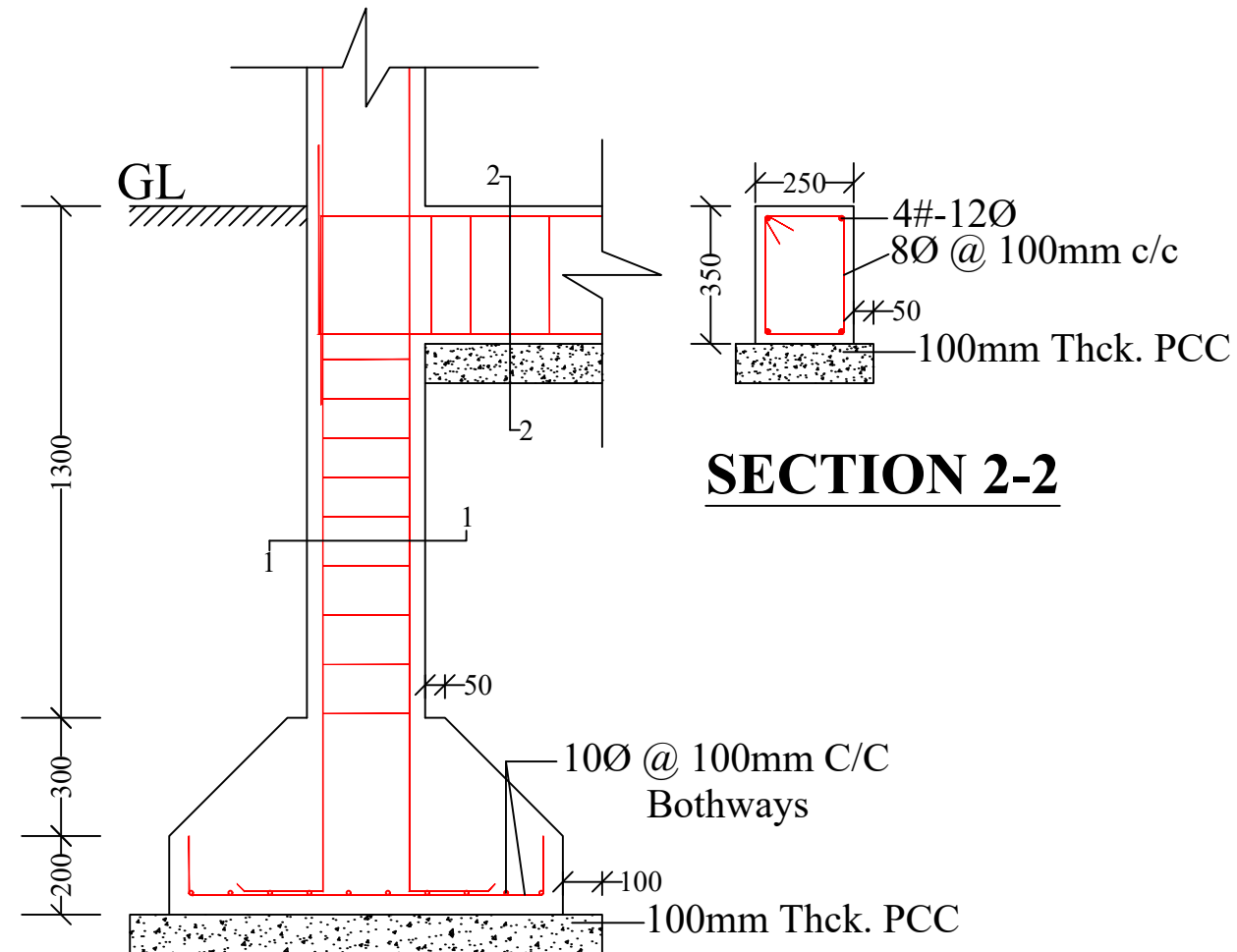
PLAN



FOOTING LAYOUT

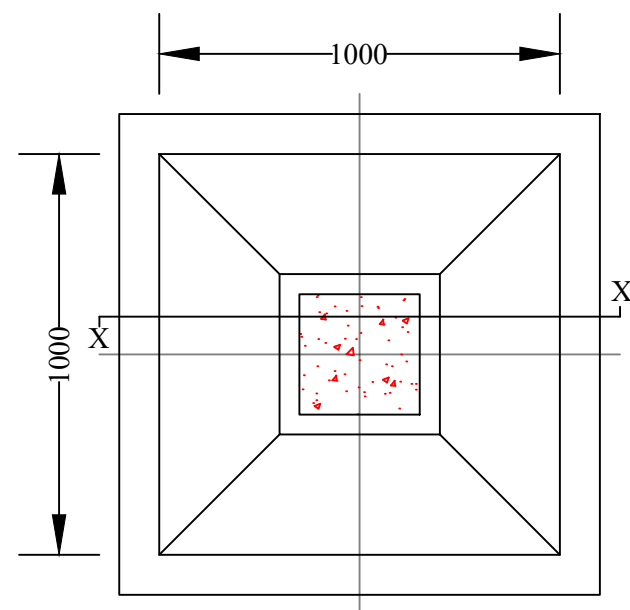


SECTION 1-1



SECTION 2-2

SECTION X-X'



FOOTING PLAN

NOTES :

1. All dimensions are in millimetres.
2. All dimensions are to be read and not to be scaled.
3. Grade of Concrete used : M-20.
4. Grade of Steel Reinf. used : TMT (Grade-500)
5. Clear cover for reinf. bars :
 - i) In Foundations - 50 mm.
 - ii) In Columns - 40 mm.
 - iii) In Beams - 25 mm.
 - iv) In Slabs - 20 mm.
6. Not more than one third of the total number of main bars shall be over-lapped at any section of a column.
7. Laps, anchorage of reinf. bars shall be as per I.S.456-2000.
8. Maximum size of Coarse Aggregate shall be 20 mm and down graded.
9. Aggregate shall comply with the requirements of I.S.:383-1970.
10. Lap / Development length = 50 x 'd' where, 'd' = diameter of reinforcing bar.
11. In addition to Lintels, R.C.C. band at sill level should also be provided.
12. Use R.C.C. bands also in all vertical sides of openings.
13. Protruding rods to be provided in columns for embedding all brick walls.
14. Joints between walls & beams may be embedded with epoxy based joint filling compounds.
15. All Reinforcement detailing should meet all the general requirements of IS:4326 and IS:13920.
16. 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
GOVERNMENT OF ASSAM
Assam Rural Infrastructure and Agricultural Services Society

CONSULTANT :

Shubh
Consultants & Technocrats LLP

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

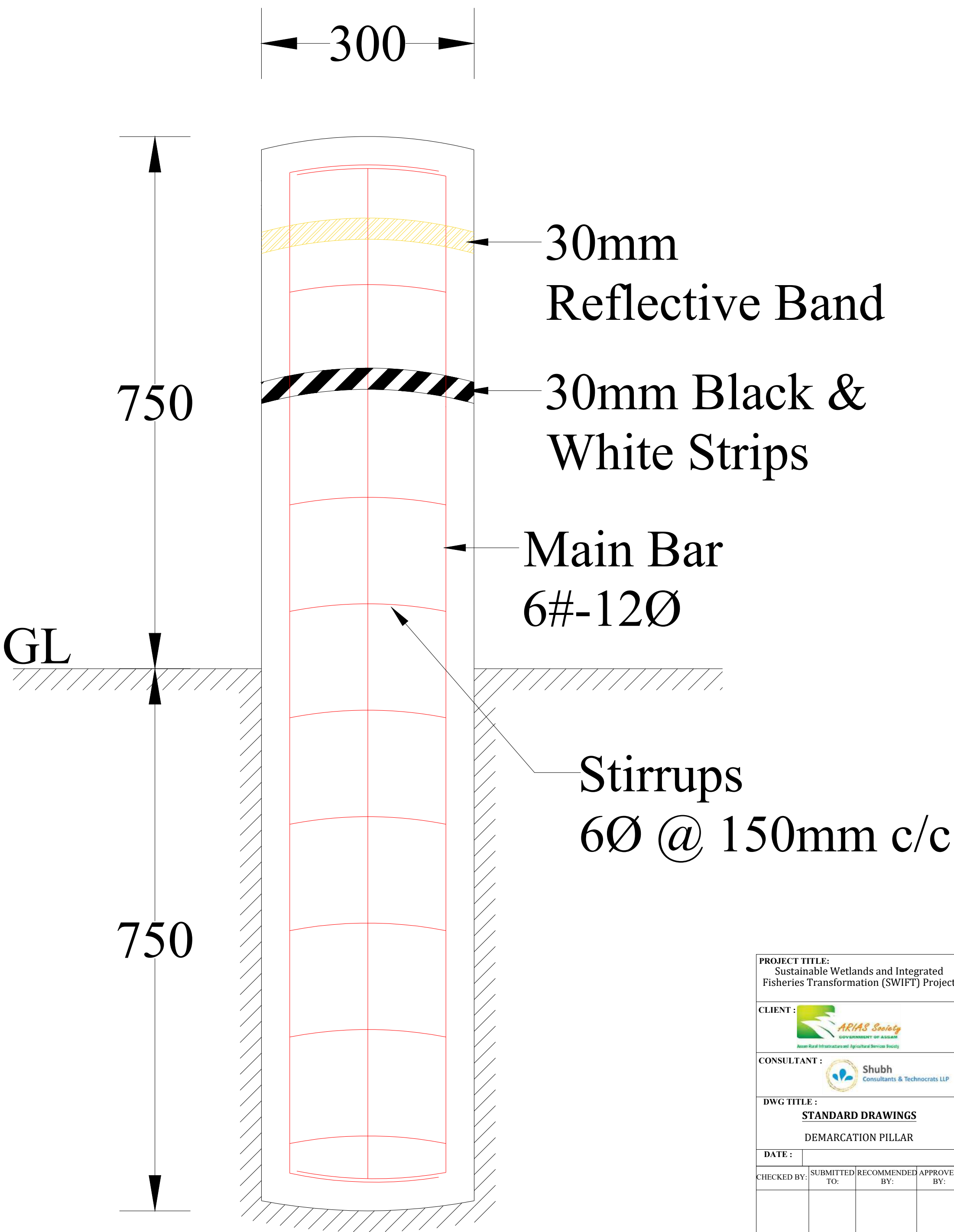
DATE :

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

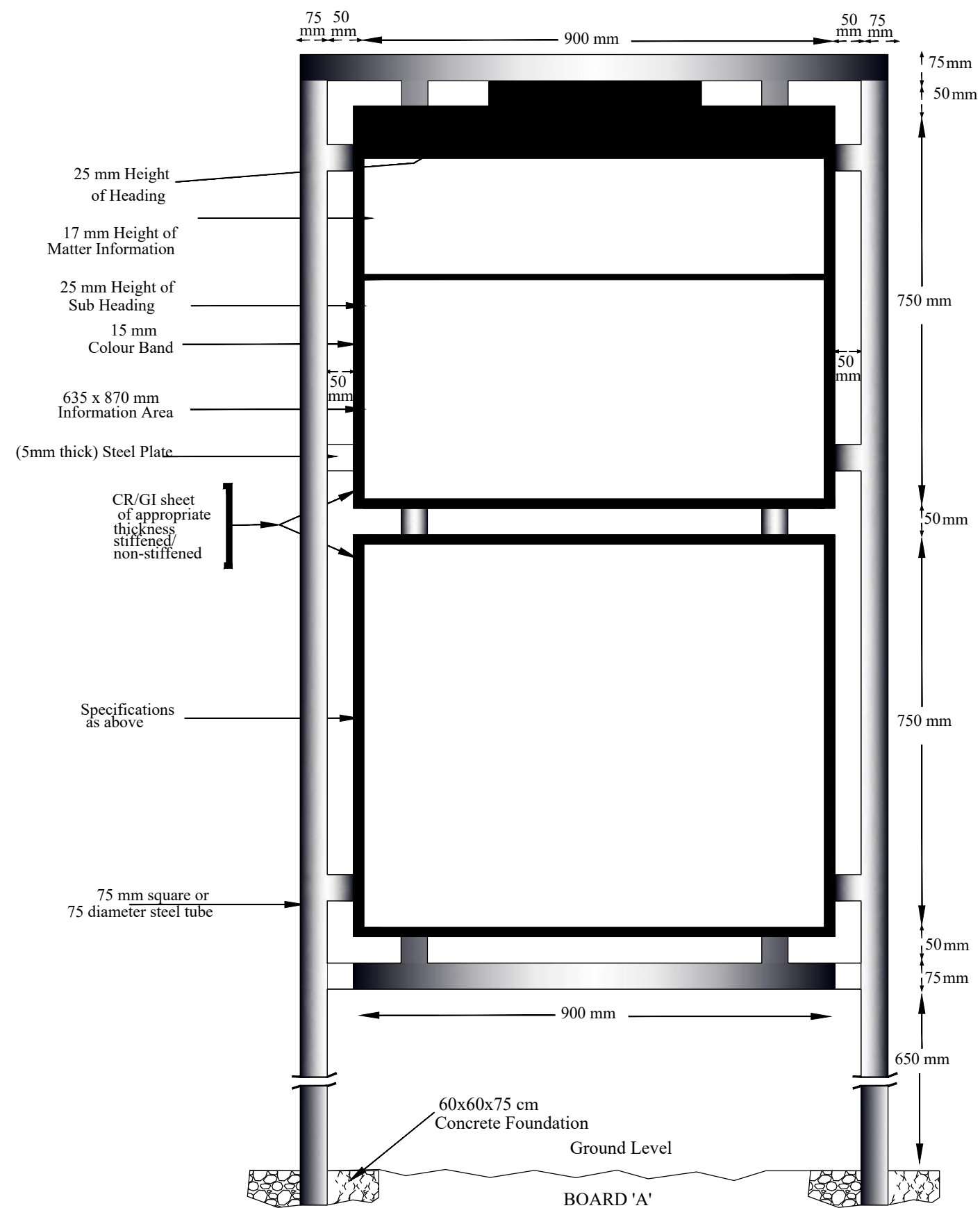
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DATE :	DATE :	DATE :	DATE :
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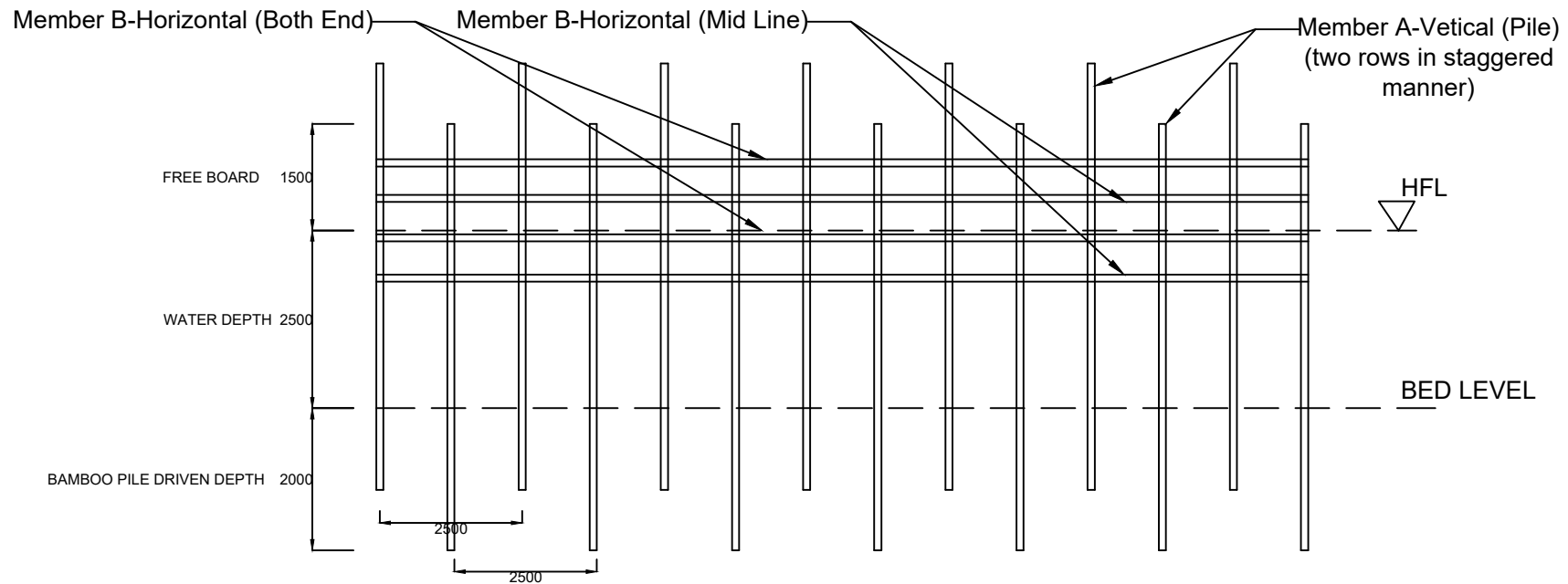
TEAM LEAD	A.E.	E.E.	S.E.
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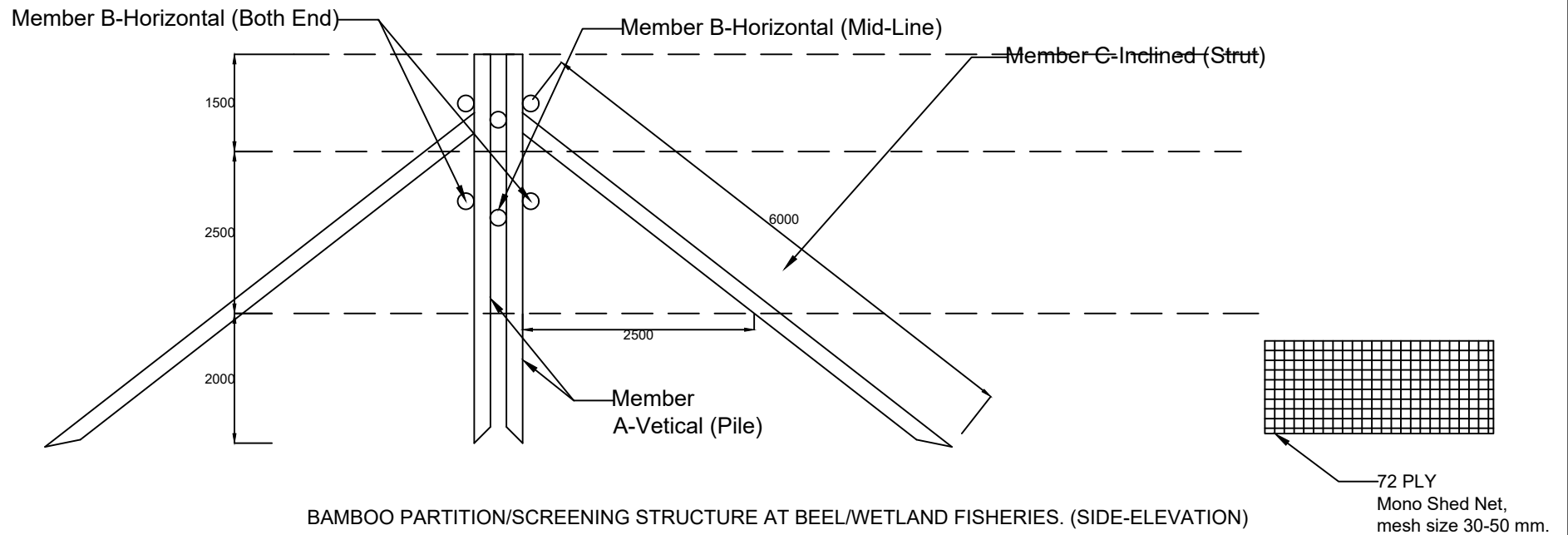
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :  ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society			
CONSULTANT :  Shubh Consultants & Technocrats LLP			
DWG TITLE : STANDARD DRAWINGS DEMARICATION PILLAR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



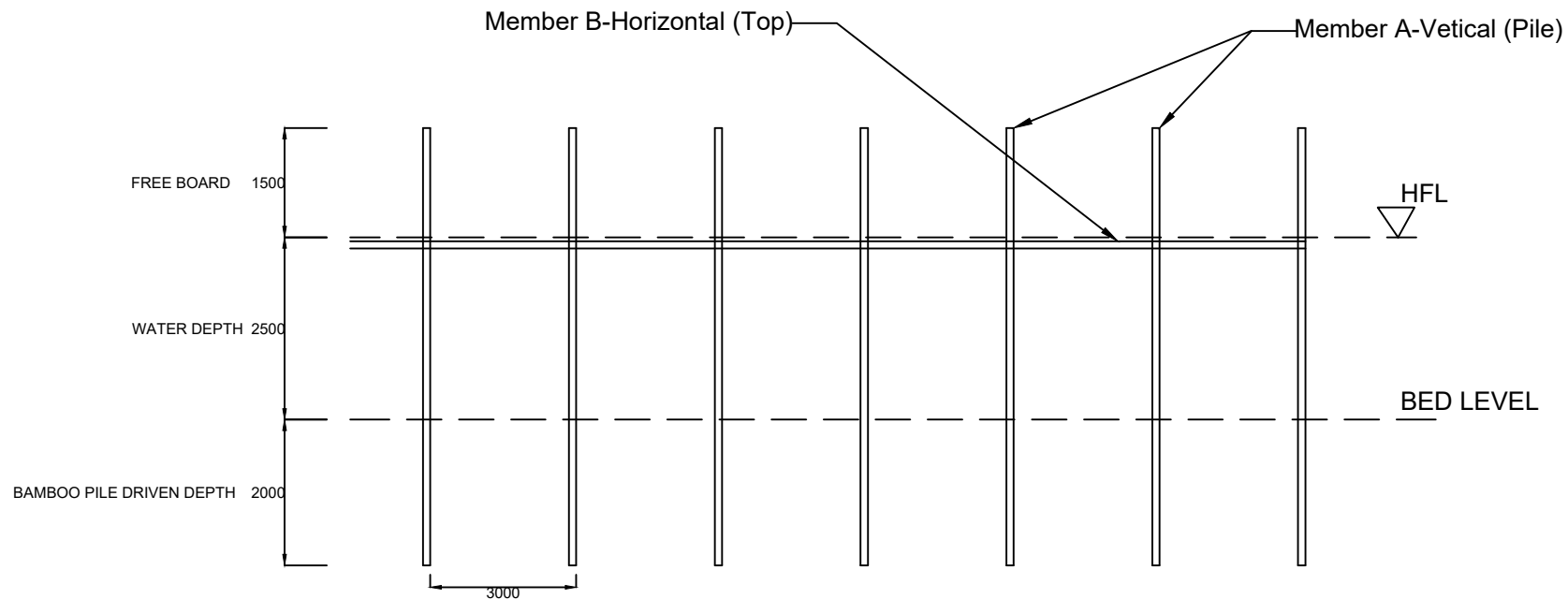
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT : ARIAS SOCIETY			
CONSULTANT : SHUBH CONSULTANTS AND TECHNOCRATS LLP			
DWG TITLE : STANDARD DRAWING INFORMATION BOARD			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
TEAM LEAD	A.E.	E.E.	S.E.



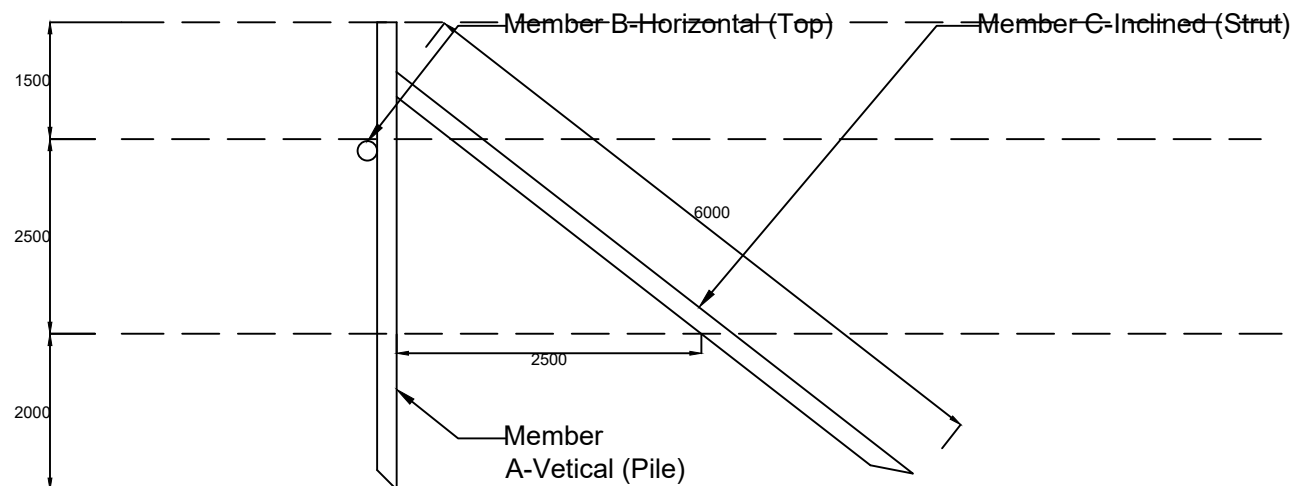
BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



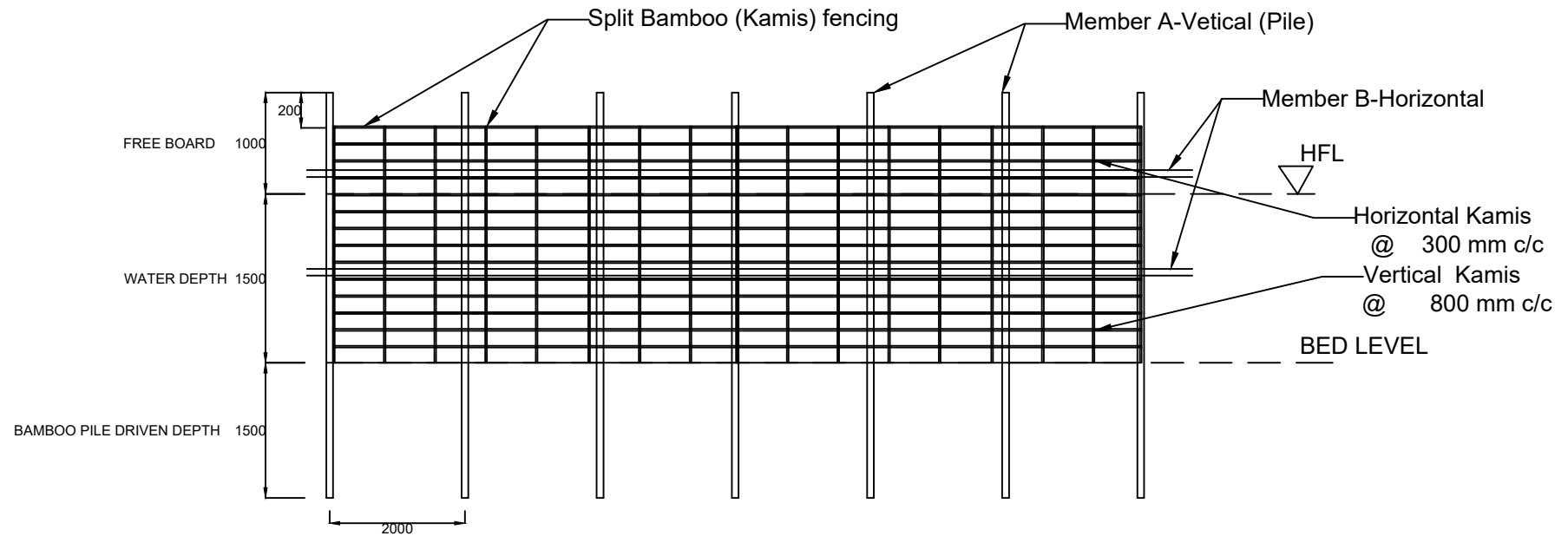
BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (SIDE-ELEVATION)



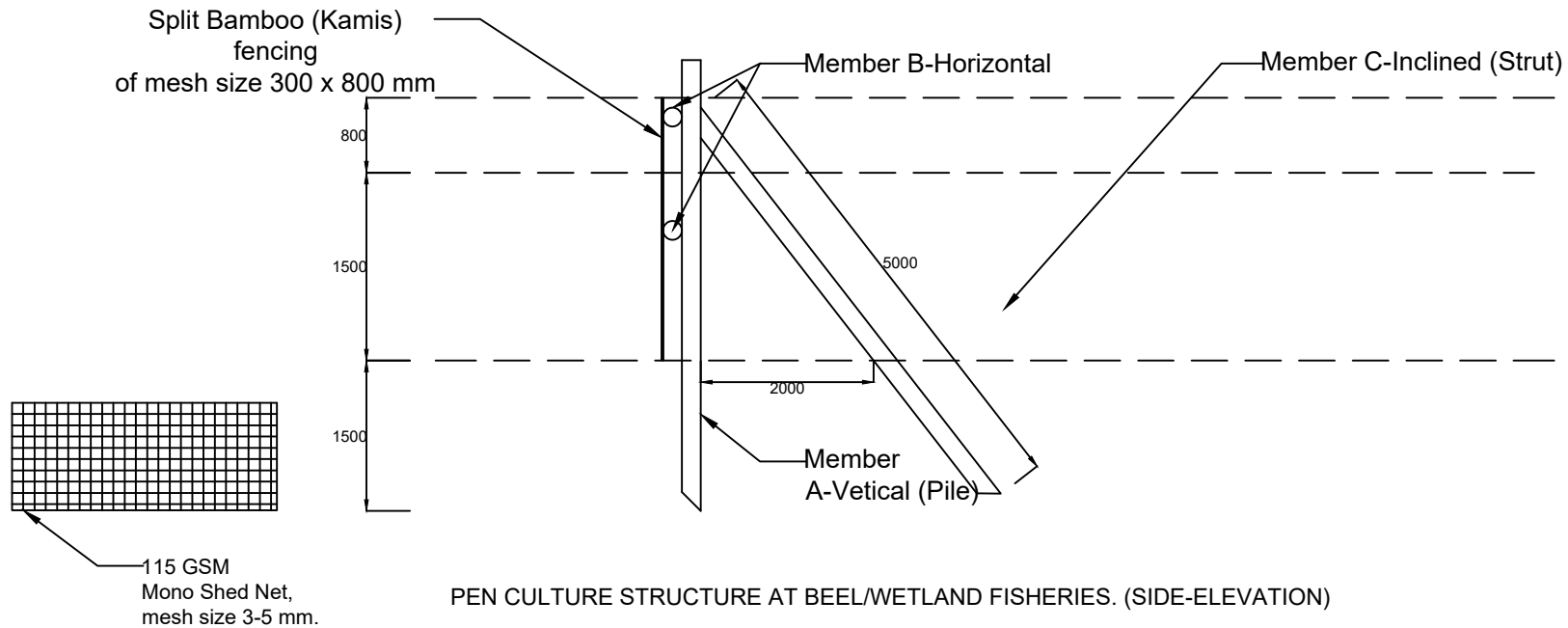
KATAL/CATTLE FISHING STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



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)