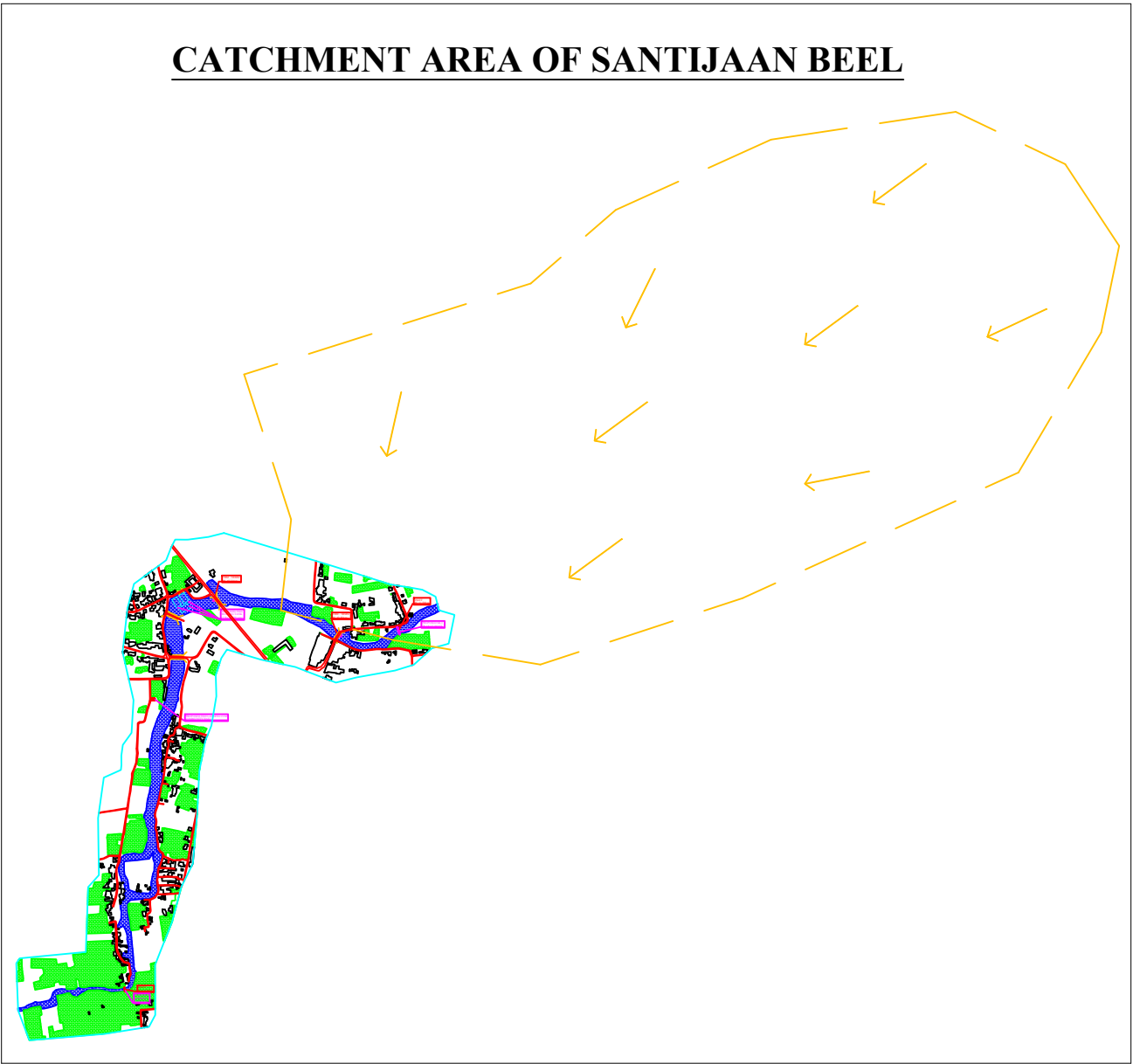
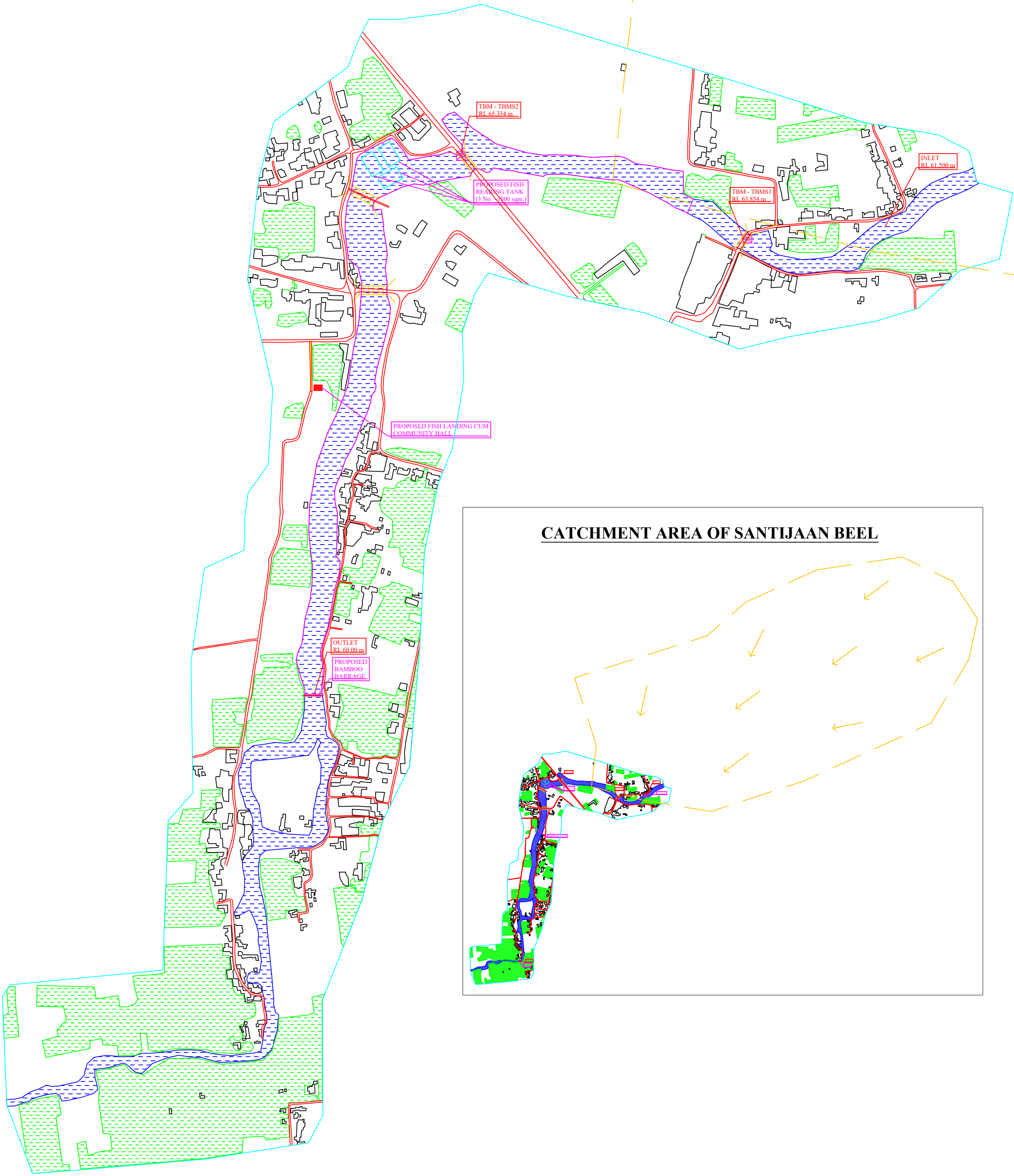
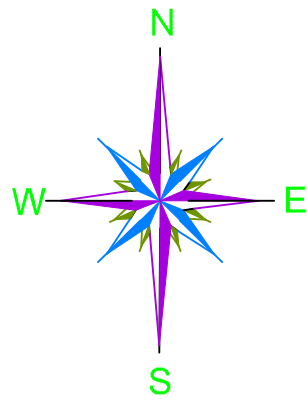


MASTERPLAN LAYOUT OF SANTIJAAN BEEL

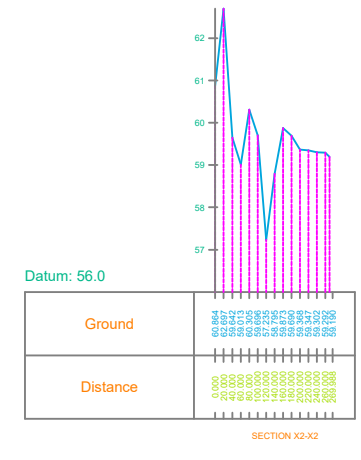
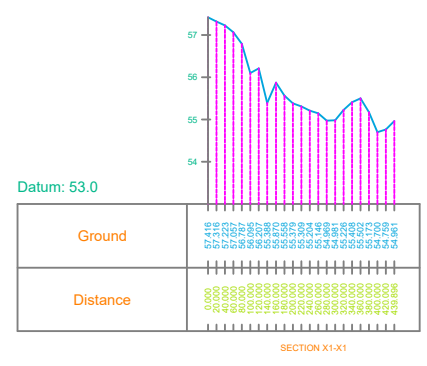
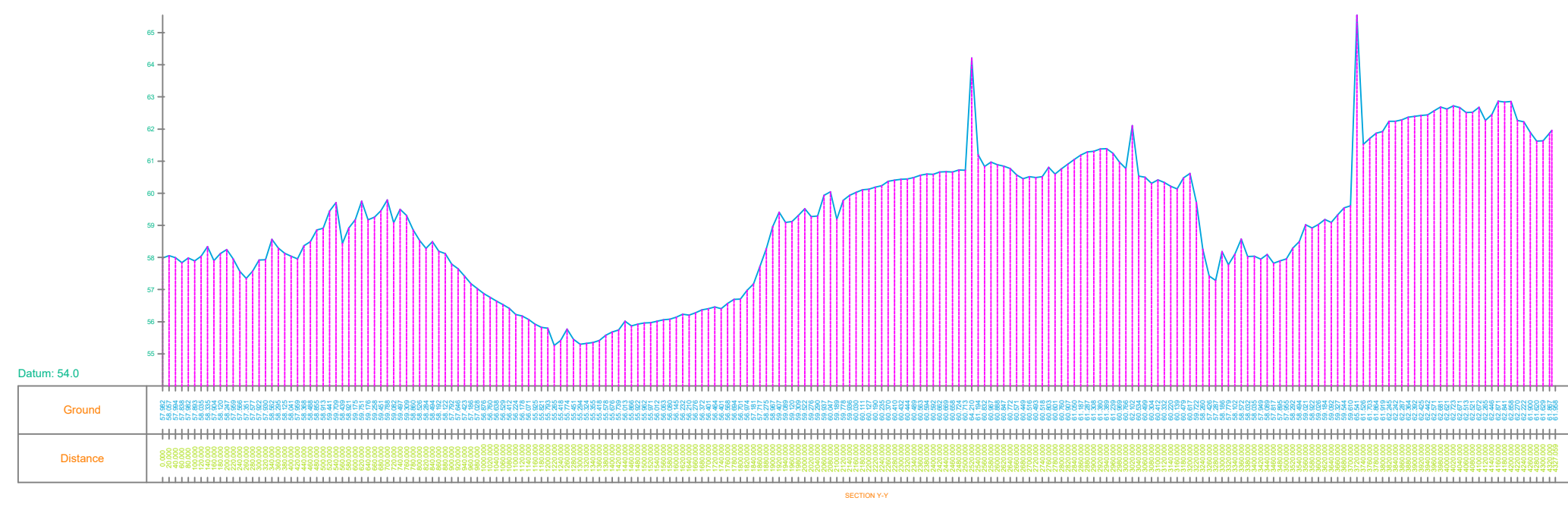
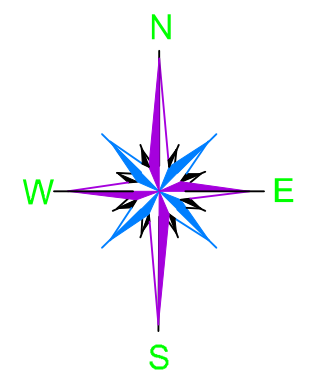
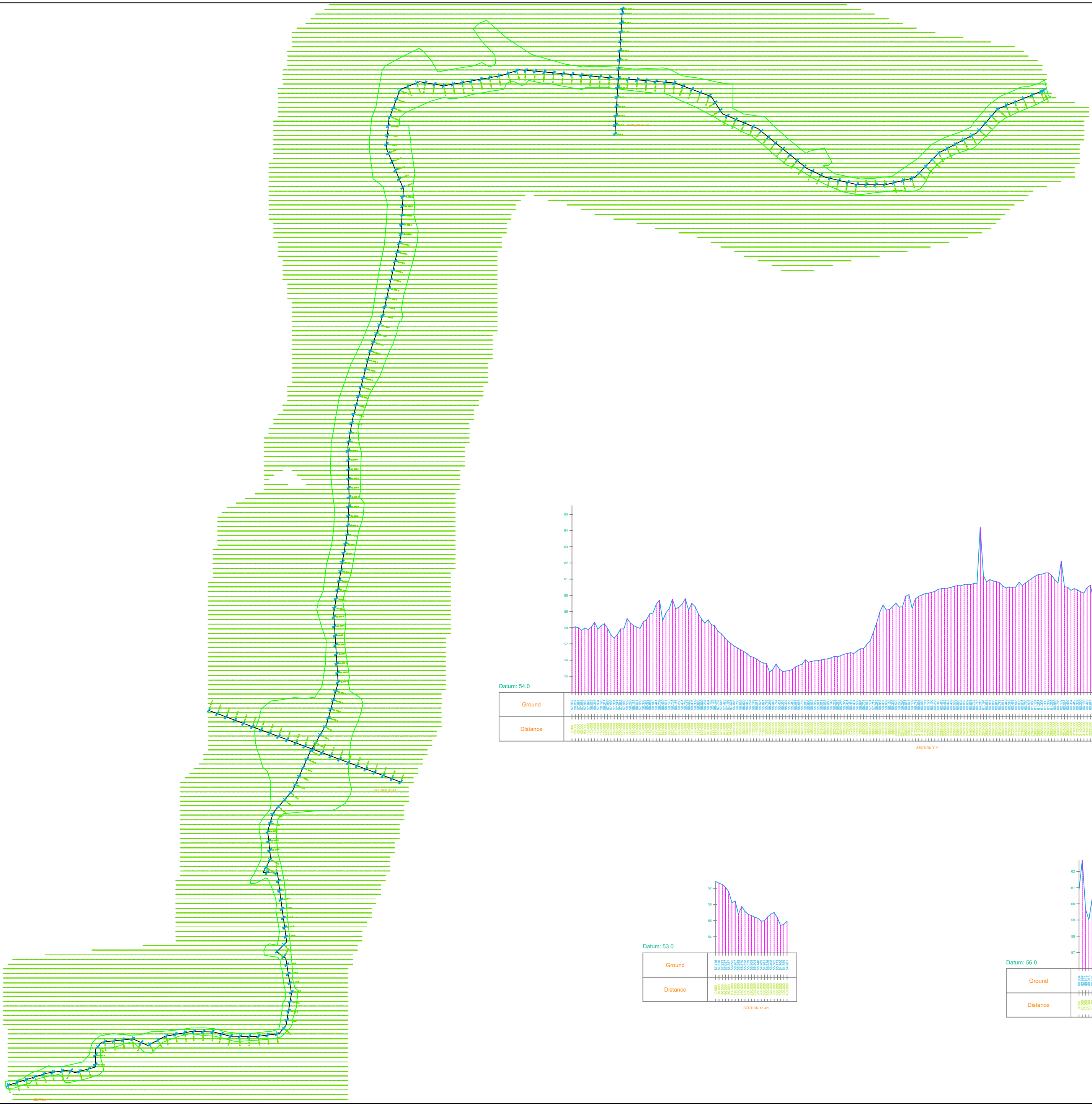


PROPOSED WORKS	
DESCRIPTION OF WORK	SPECIFICATION
Inlet Channel	0 m
Outlet Channel	0 m
Silt Trap	0 m
Bamboo Barrage at Outlet	40 m
Earthen Bund	0 m
Desilting	0 Cu. m
Deweeding	101194 Sq. m
Fish Rearing Tank	3 Nos. (50 m X 30 m)
Fish Landing Cum Community Hall	1 Nos
Pen Culture	6 Nos
Vermicompost Pit	-
Approach Road	115 m
Demarcation Pillar	150 Nos

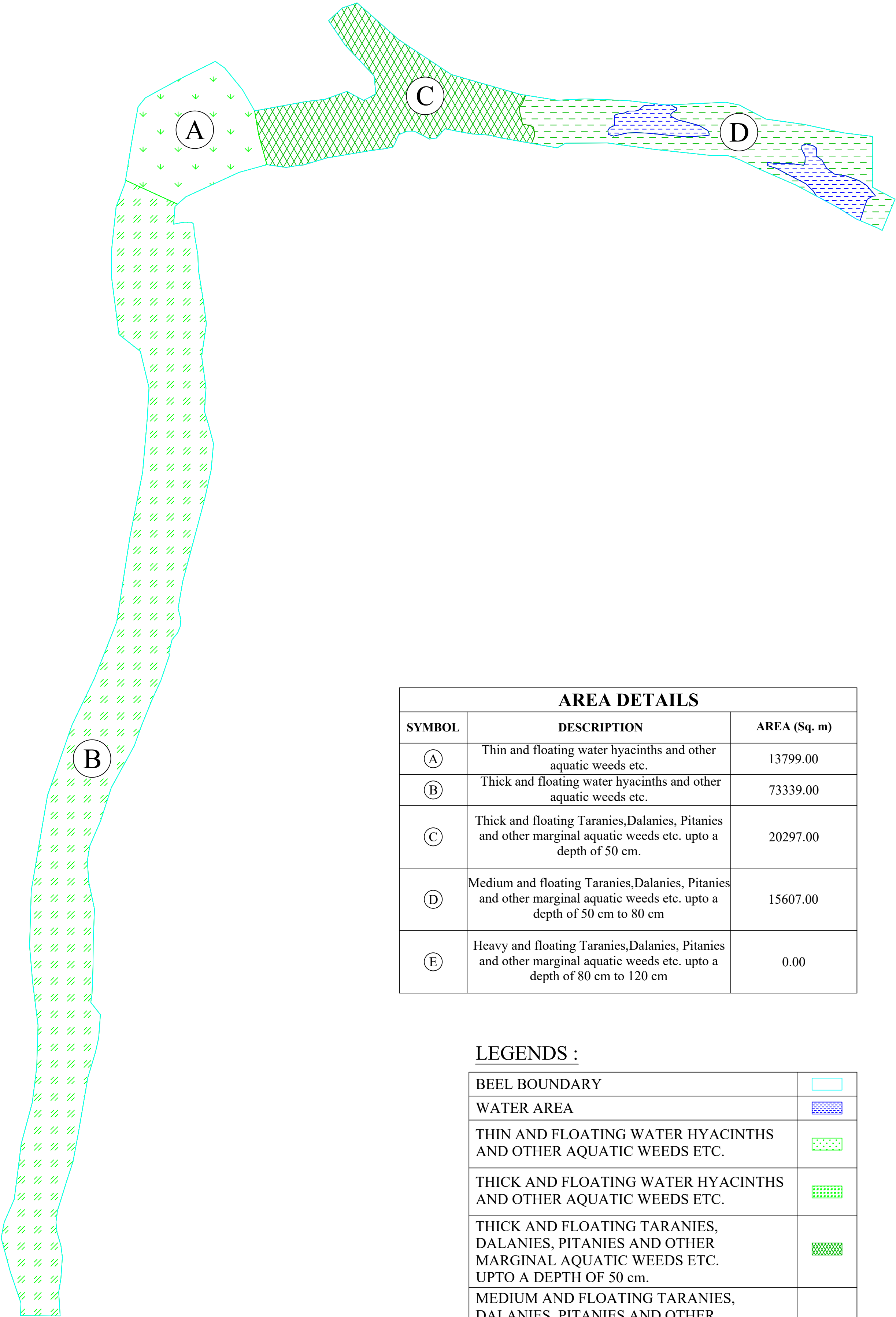
LEGENDS :

BOUNDARY	
ROAD	
RAILWAY	
BENCH MARK	
CULVERT	
BRIDGE	
BEEL	
DEMARCATION OF BEEL AS PER RECORDS	
WATER BODIES (POND)	
VEGETATION / MARSHY AREAS	
HOUSES/ BUILDING	
CATCHMENT AREA	
PROP. BUND	
PROP. SILT TRAP AT INLET	
PROP. BAMBOO BARRAGE AT OUTLET	
PROP. APPROACH ROAD	
PROP. FISH REARING TANK	
PROP. FISH LANDING CUM COMMUNITY HALL	

PACKAGE NO.: 03			
NAME OF THE BEEL: SANTIJAAN BEEL			
DEVELOPMENT BLOCK: BATADRAVA			
REVENUE VILLAGE: BATADRAVA BORHISA, BATADRAVA SARUHISA, BHUMURAGURI & HAIDUBI PATHAR			
DISTRICT: NAGAON			
AREA (Ha): 12.80 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
CONSULTANT :			
DWG TITLE : MASTERPLAN LAYOUT OF SANTIJAAN BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



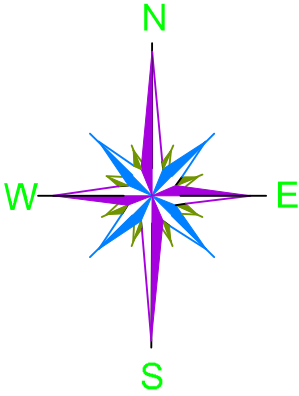
PACKAGE NO.: 03			
NAME OF THE BEEL: SANTIJAAN BEEL			
DEVELOPMENT BLOCK: BATADRAVA			
REVENUE VILLAGE: Batadrava Borhisa, Batadrava Saruhisa, Bhumuraguri & Haidubi Pathar			
DISTRICT: NAGAON			
AREA (Ha): 25 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
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.



AREA DETAILS		
SYMBOL	DESCRIPTION	AREA (Sq. m)
Ⓐ	Thin and floating water hyacinths and other aquatic weeds etc.	13799.00
Ⓑ	Thick and floating water hyacinths and other aquatic weeds etc.	73339.00
Ⓒ	Thick and floating Taranies,Dalanies, Pitanies and other marginal aquatic weeds etc. upto a depth of 50 cm.	20297.00
Ⓓ	Medium and floating Taranies,Dalanies, Pitanies and other marginal aquatic weeds etc. upto a depth of 50 cm to 80 cm	15607.00
Ⓔ	Heavy and floating Taranies,Dalanies, Pitanies and other marginal aquatic weeds etc. upto a depth of 80 cm to 120 cm	0.00

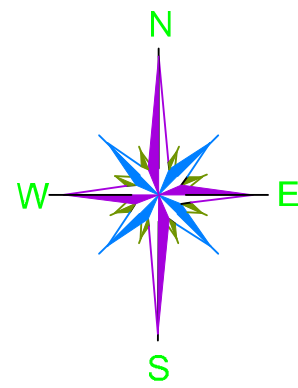
LEGENDS :

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.: 03			
NAME OF THE BEEL: SANTIJAAN BEEL			
DEVELOPMENT BLOCK: BATADRAVA			
REVENUE VILLAGE: BATADRAVA BORHISA, BATADRAVA SARUHISA, BHUMURAGURI & HAIDUBI PATHAR			
DISTRICT: NAGAON			
AREA (Ha): 12.80 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT : 			
CONSULTANT : 			
DWG TITLE : DEWEEDING DRAWING OF SANTIJAAN BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.

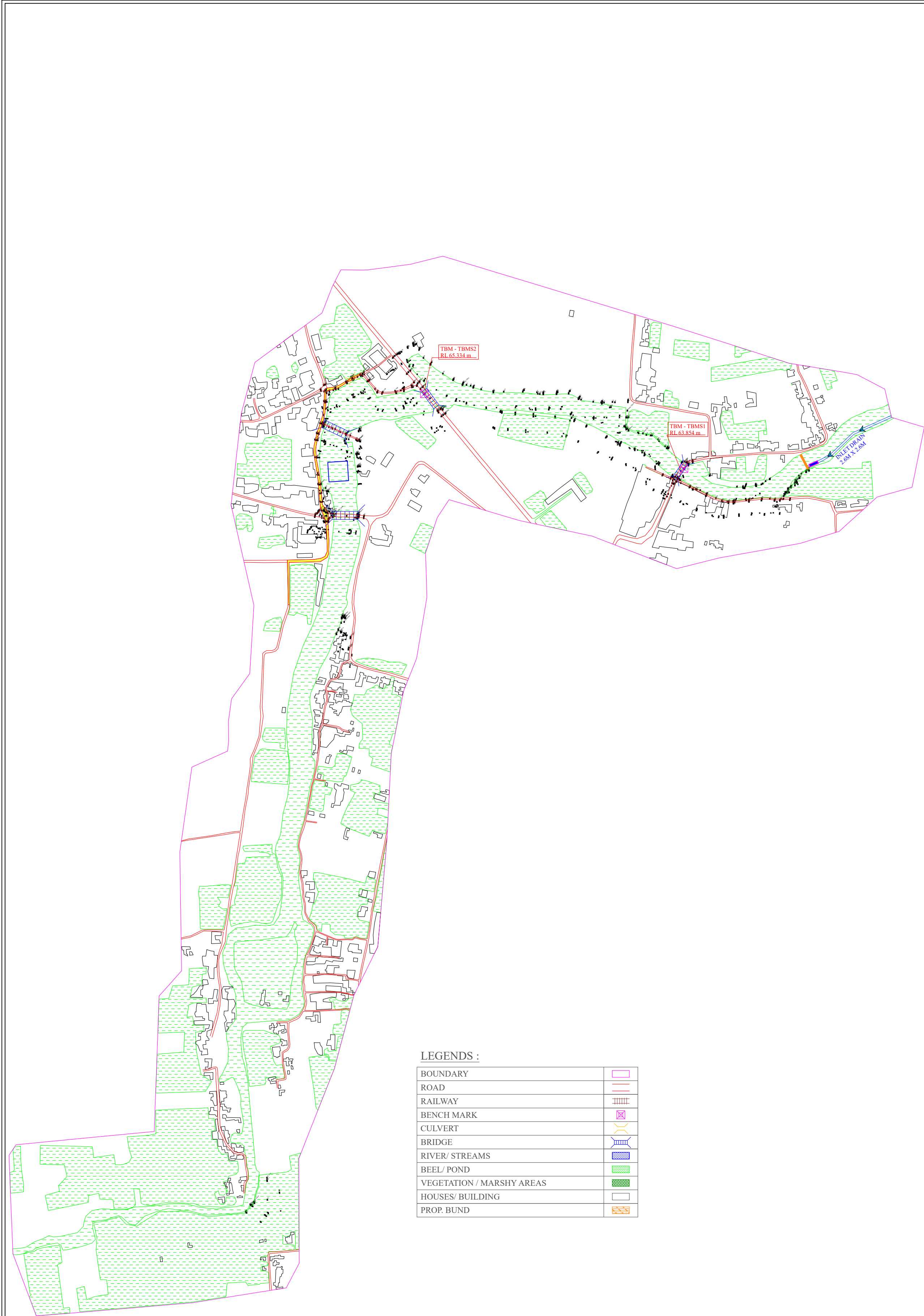
CONTOUR MAP WITH BATHYMETRIC LEVELS OF
SANTIJAAN BEEL



LEGENDS :

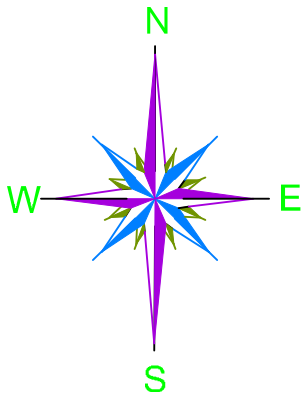
BOUNDARY	
ROAD	
RAILWAY	
BENCH MARK	
CULVERT	
BRIDGE	
RIVER/ STREAMS	
BEE/ POND	
VEGETATION / MARSHY AREAS	
HOUSES/ BUILDING	
PROP. BUND	

PACKAGE NO.: 03			
NAME OF THE BEEL: SANTIJAAN BEEL			
DEVELOPMENT BLOCK: BATADRAVA			
REVENUE VILLAGE: BATADRAVA BORHISA, BATADRAVA SARUHISA, BHUMURAGURI & HAIDUBI PATHAR			
DISTRICT: NAGAON			
AREA (Ha): 12.80 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
CONSULTANT :			
DWG TITLE : CONTOUR MAP WITH BATHYMETRIC LEVELS OF SANTIJAAN BEEL			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



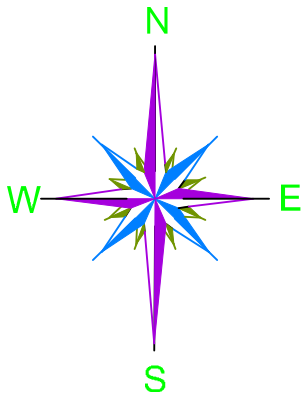
LEGENDS :

BOUNDARY	
ROAD	
RAILWAY	
BENCH MARK	
CULVERT	
BRIDGE	
RIVER/ STREAMS	
BEE/ POND	
VEGETATION / MARSHY AREAS	
HOUSES/ BUILDING	
PROP. BUND	



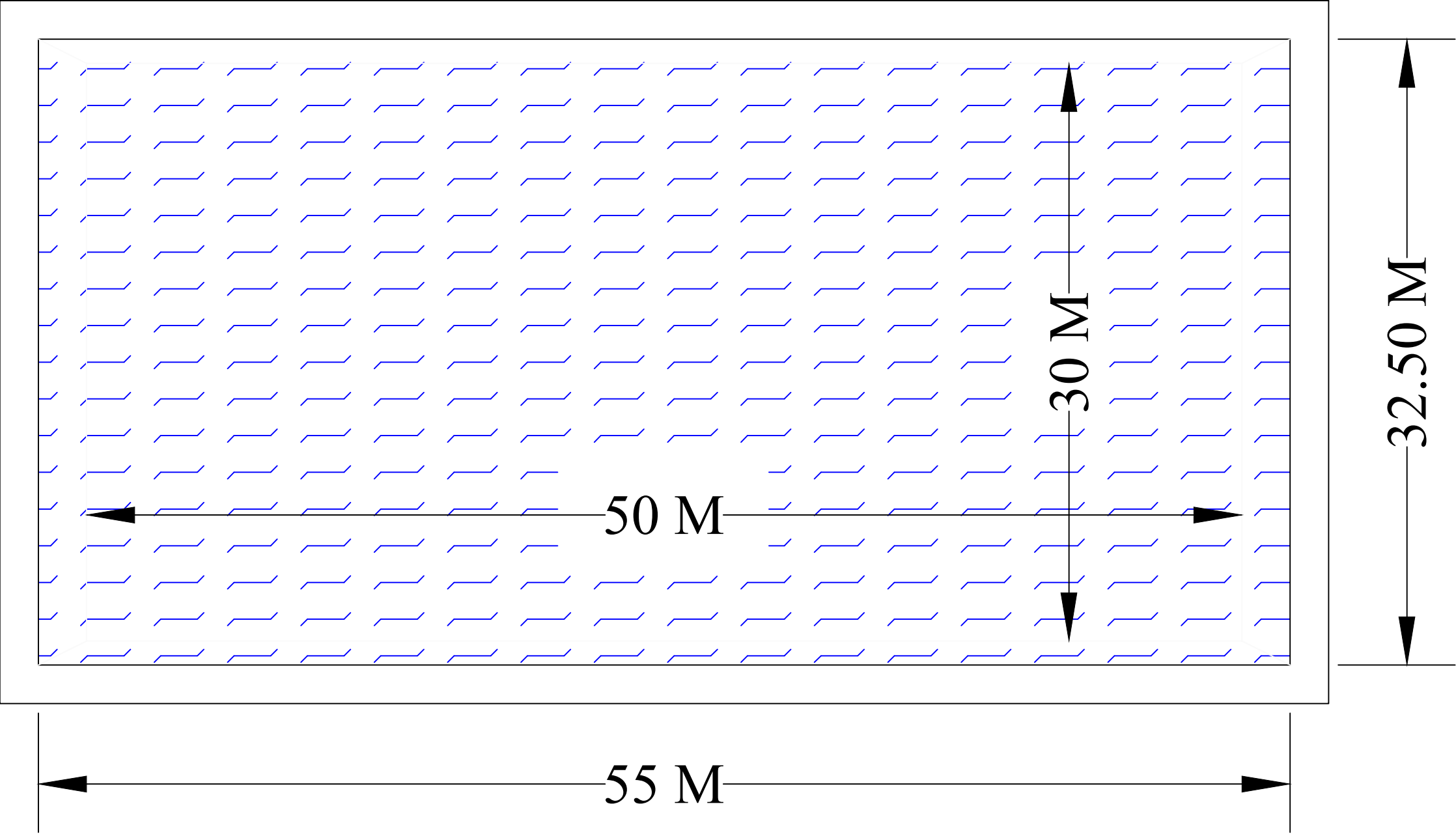
PACKAGE NO.:			
03			
NAME OF THE BEEL:			
SANTIJAAN BEEL			
DEVELOPMENT BLOCK:			
BATADRAVA			
REVENUE VILLAGE:			
BATADRAVA BORHISA, BATADRAVA SARUHISA, BHUMURAGURI & HAIDUBI PATHAR			
DISTRICT:			
NAGAON			
AREA (Ha):			
12.80 Ha			
PROJECT TITLE:			
Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :			
			
CONSULTANT :			
			
DWG TITLE :			
DGPS SURVEY LAYOUT MAP OF SHANTIJAAN 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 SANTIJAAN BEEL



PACKAGE NO.:				03			
NAME OF THE BEEL:				SANTIJAAN BEEL			
DEVELOPMENT BLOCK:				BATADRAVA			
REVENUE VILLAGE:				BATADRAVA BORHISA, BATADRAVA SARUHISA, BHUMURAGURI & HAIDUBI PATHAR			
DISTRICT:				NAGAON			
AREA (Ha):				12.80 Ha			
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project							
CLIENT :							
CONSULTANT :							
DWG TITLE : DRONE SURVEY MAP OF SANTIJAAN BEEL							
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

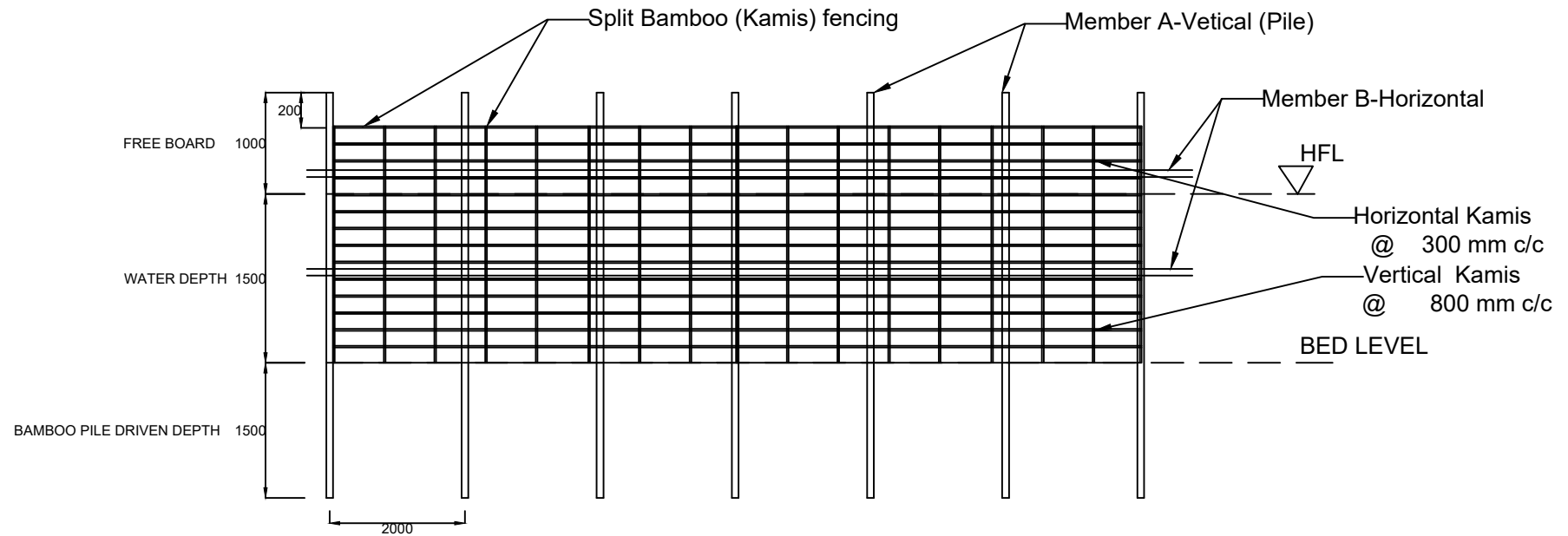


PLAN

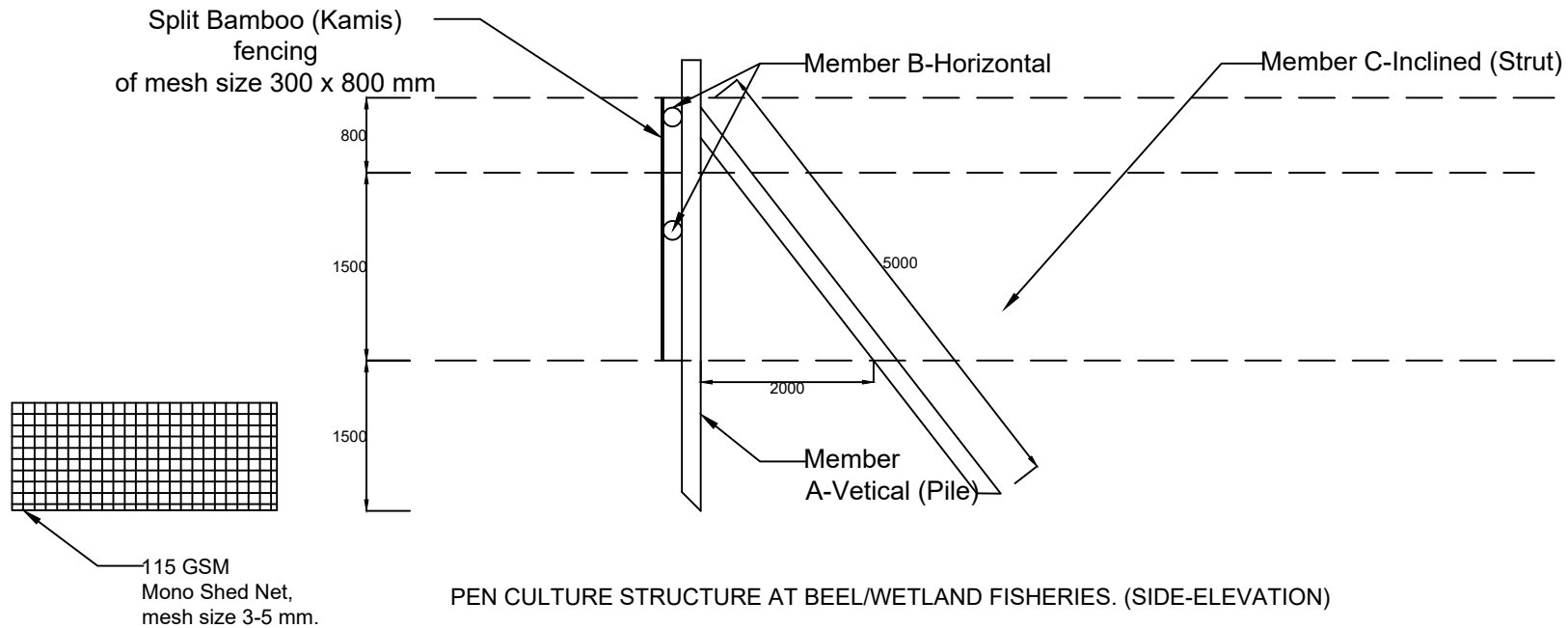


SECTION

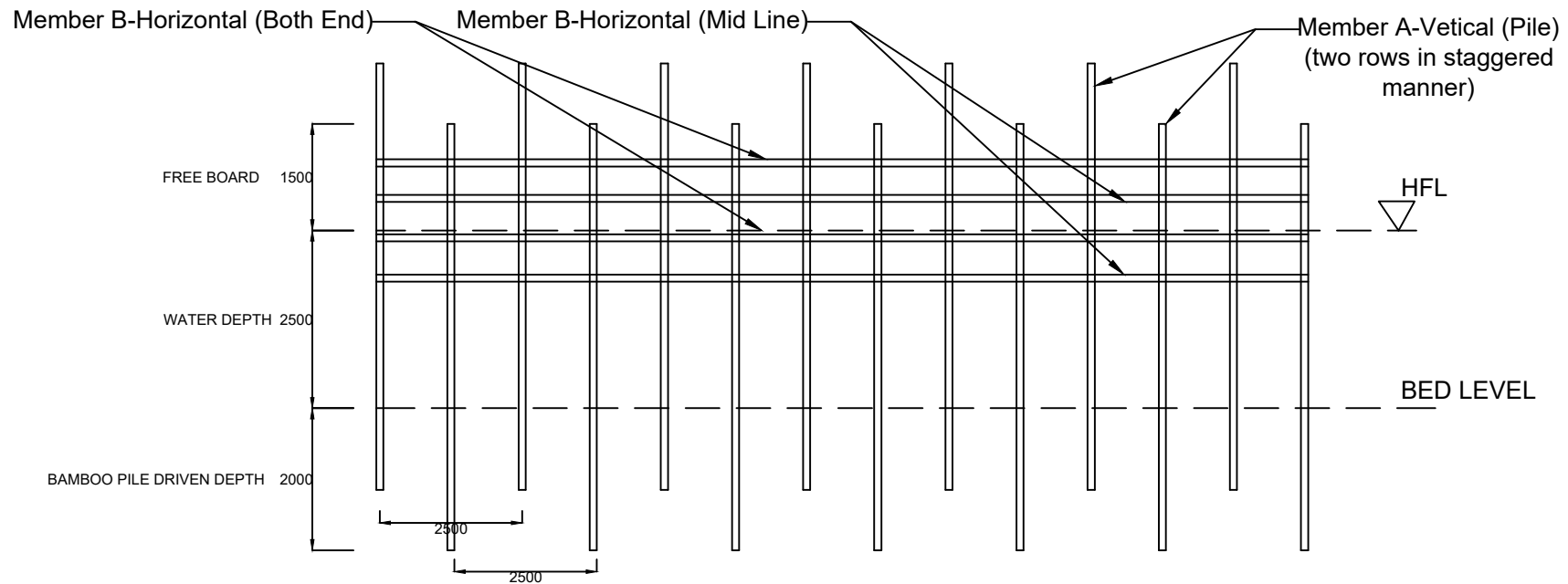
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PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :  ARIAS Society GOVERNMENT OF ASSAM Rural Rural Infrastructure and Agricultural Service Society			
CONSULTANT :  Shubh Consultants & Technocrats LLP			
DWG TITLE : TYPICAL PLAN & SECTION OF REARING TANK OF 1800 SQM			
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



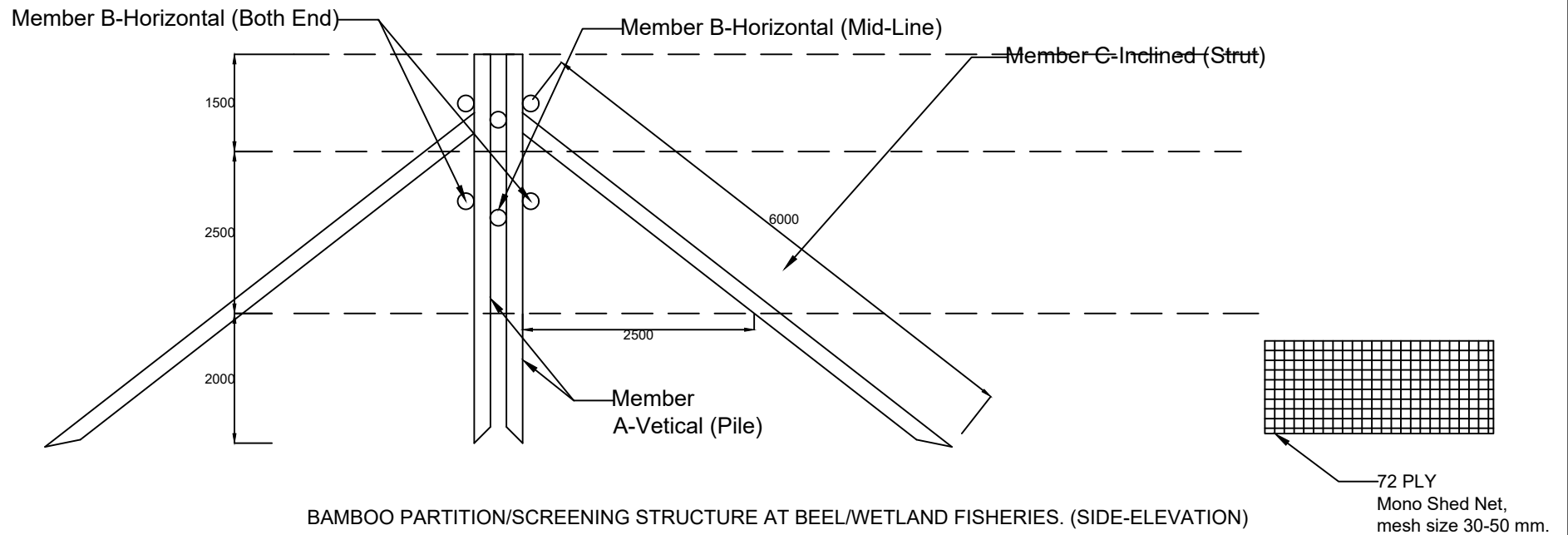
PEN CULTURE STRUCTURE AT BEEL/WETLAND FISHERIES. (FRONT-ELEVATION)



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



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

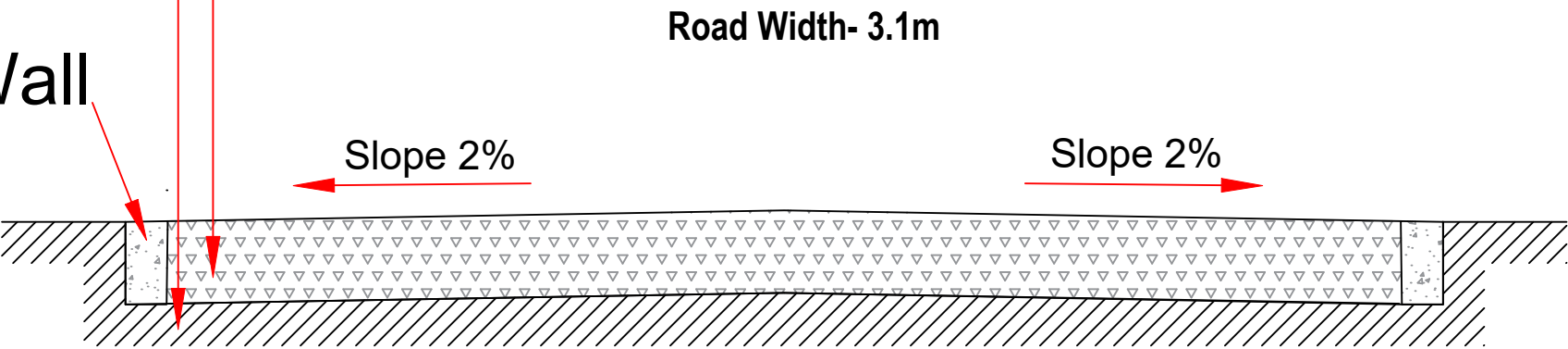


BAMBOO PARTITION/SCREENING STRUCTURE AT BEEL/WETLAND FISHERIES. (SIDE-ELEVATION)

TYPICAL SECTION OF APPROACH ROAD

GSB of thickness 200 mm
Well-Compacted Natural Soil

Edge-Restraint Wall

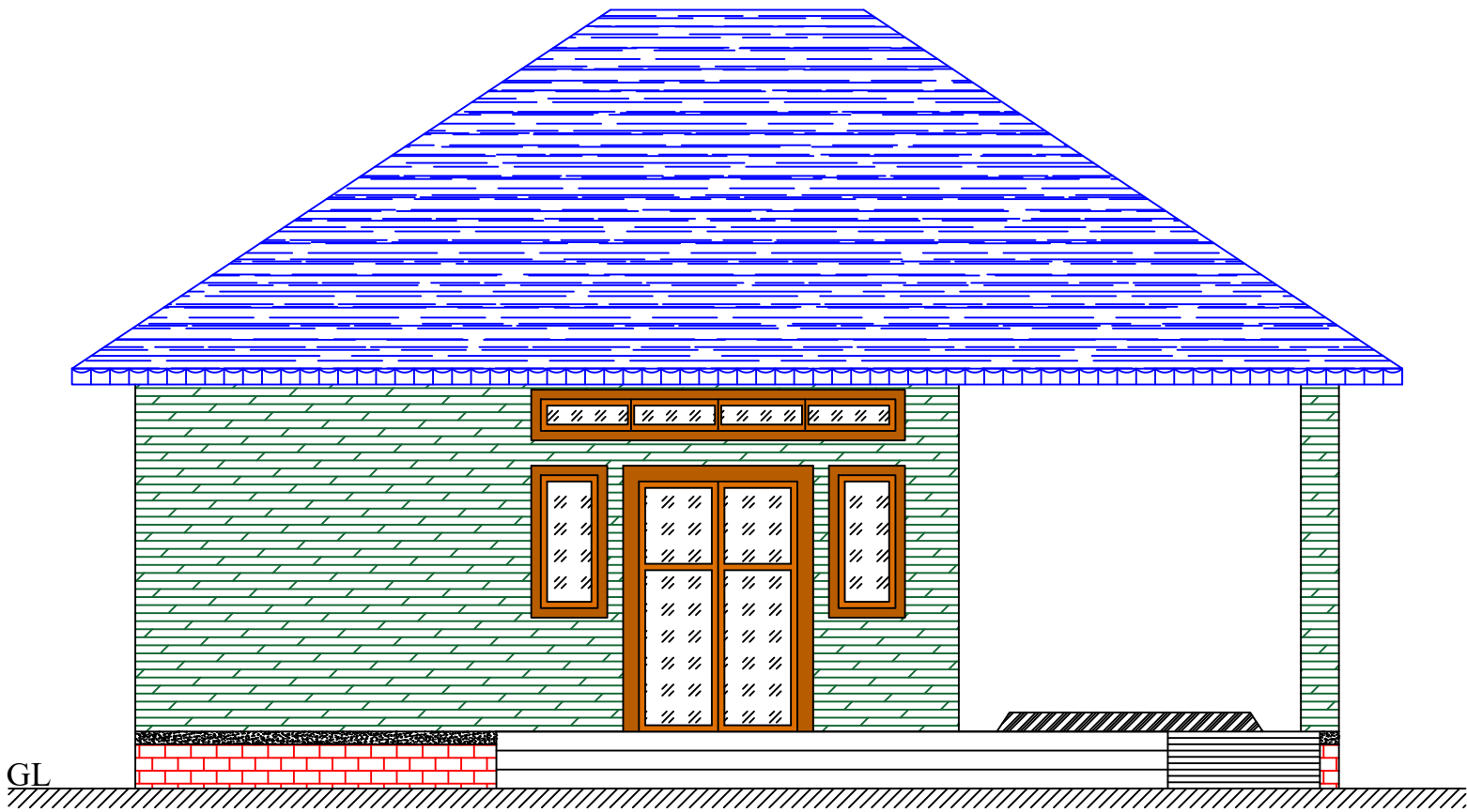


PROJECT TITLE:
Sustainable Wetlands and Integrated
Fisheries Transformation (SWIFT) Project

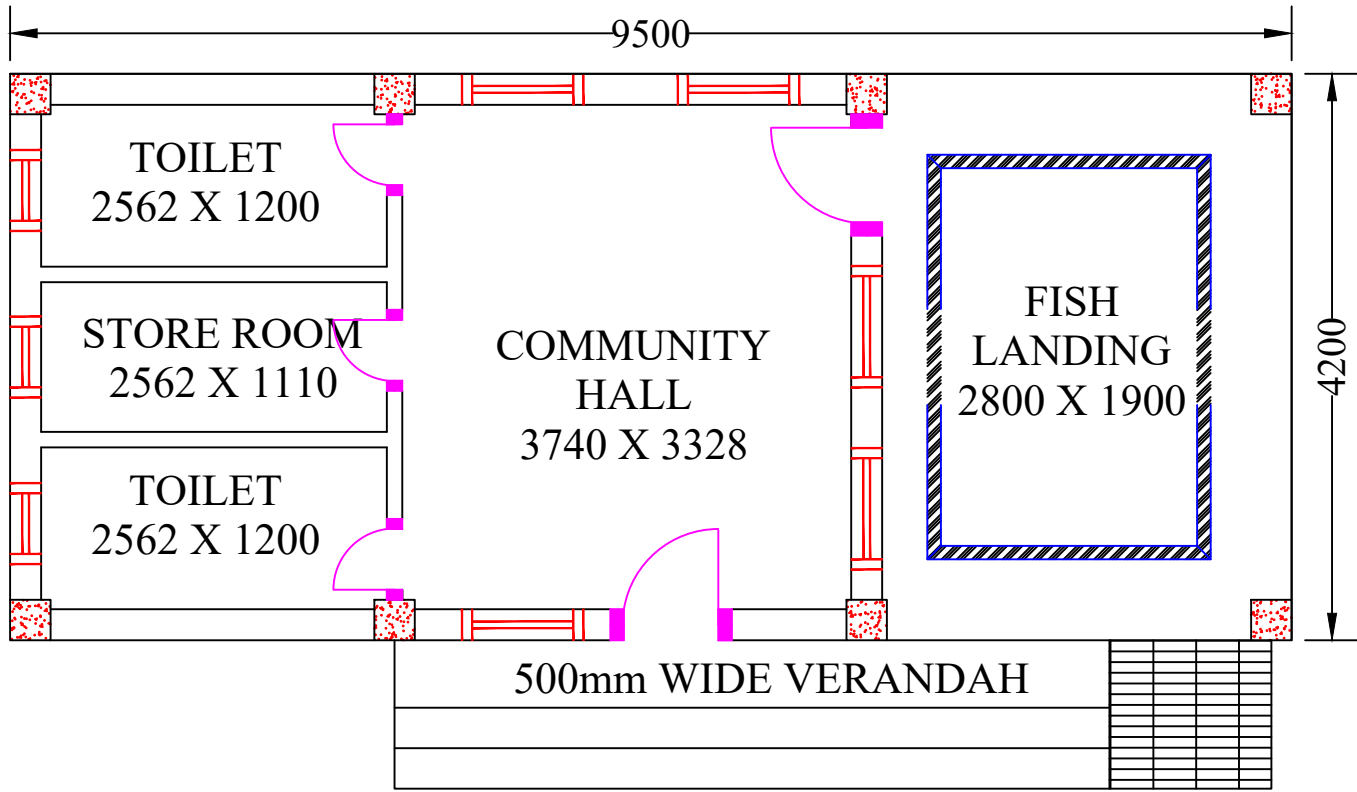


DWG TITLE :
TYPICAL SECTION OF
APPROACH ROAD

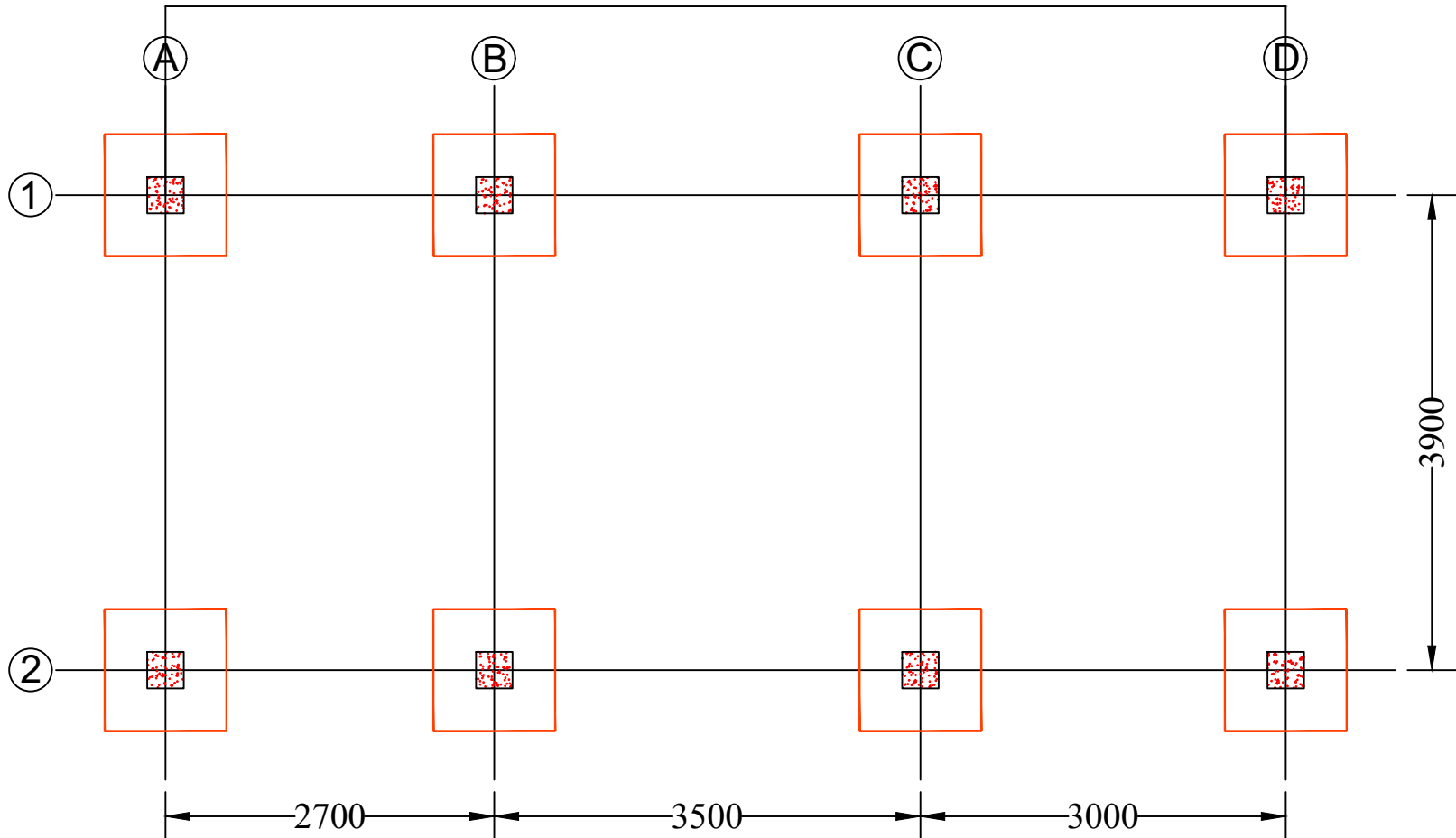
DATE :			
CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
DATE :	DATE :	DATE :	DATE :
TEAM LEAD	A.E.	E.E.	S.E.



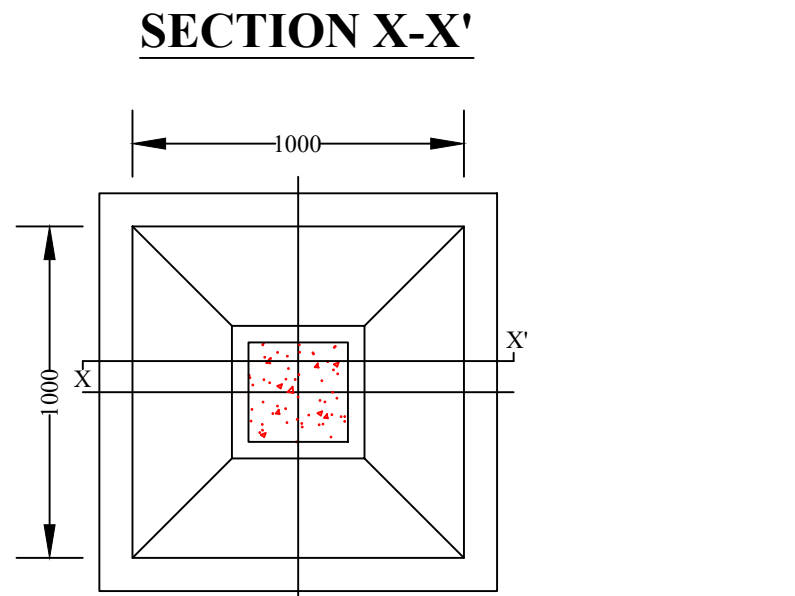
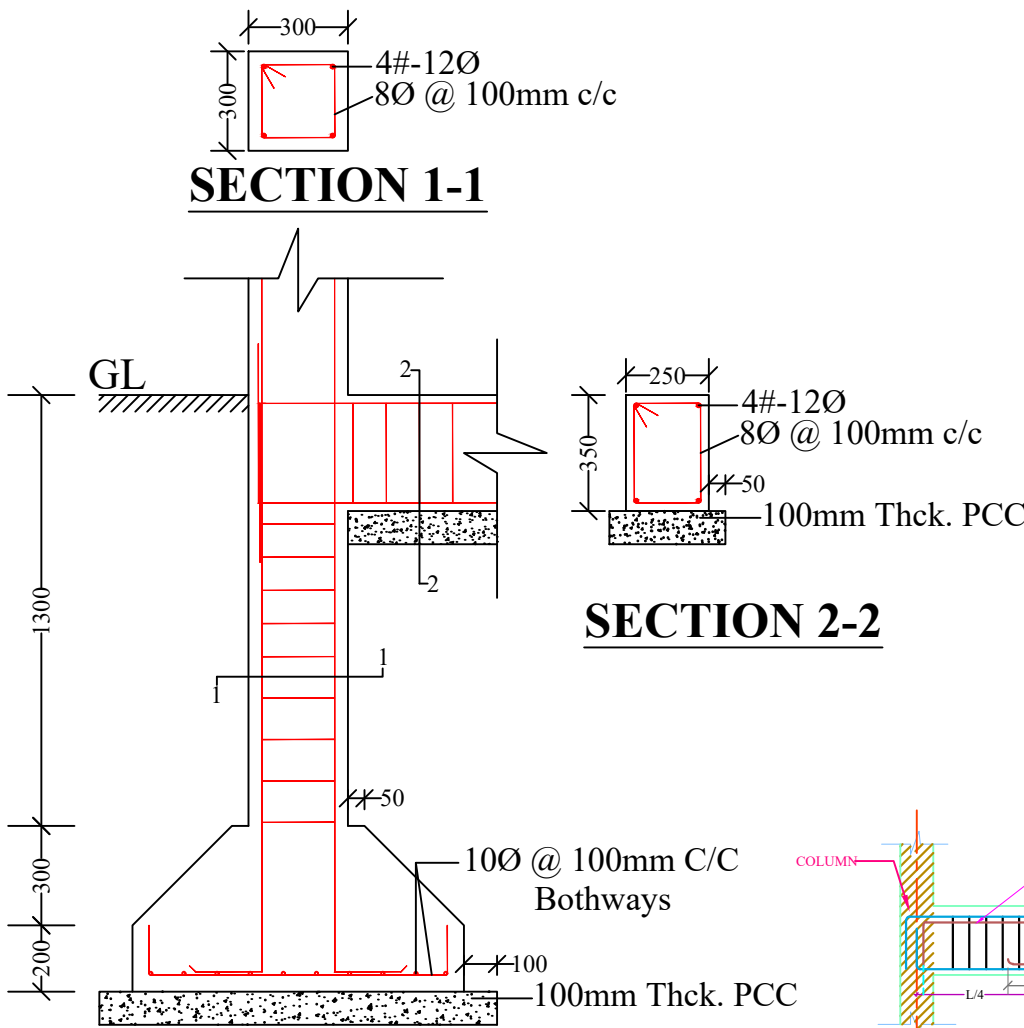
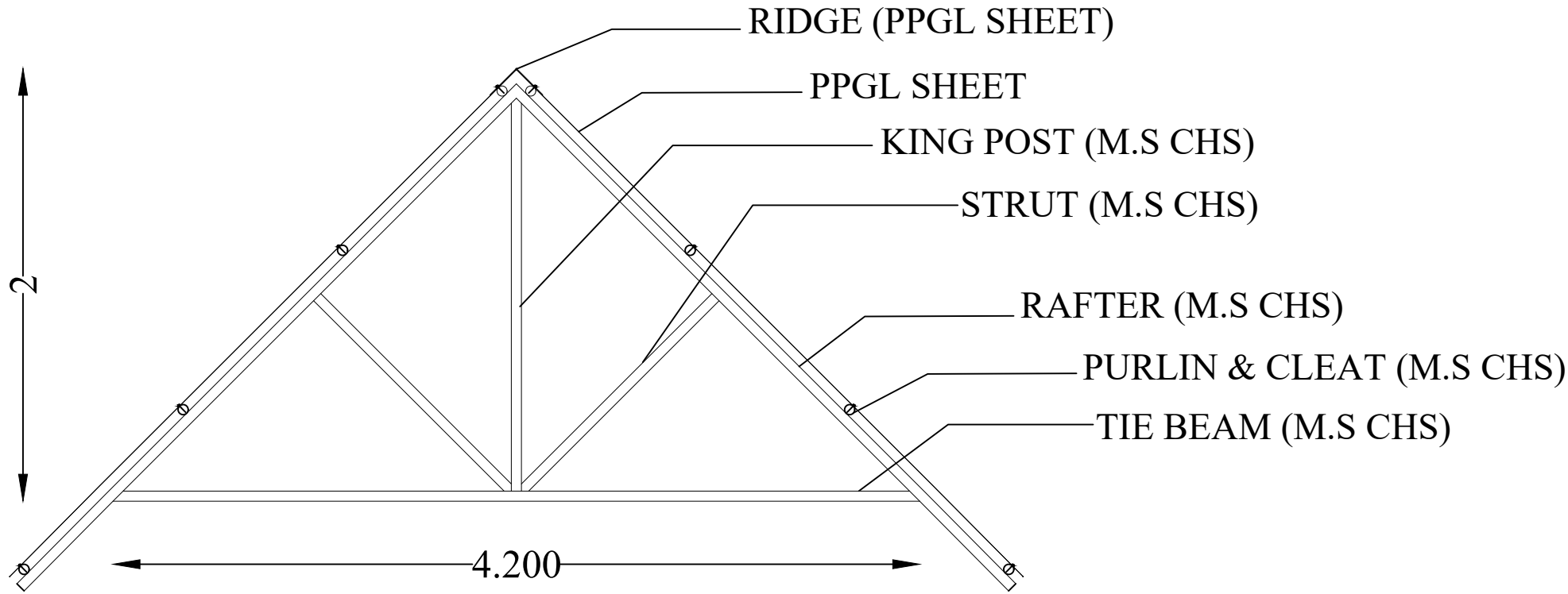
FRONT ELEVATION



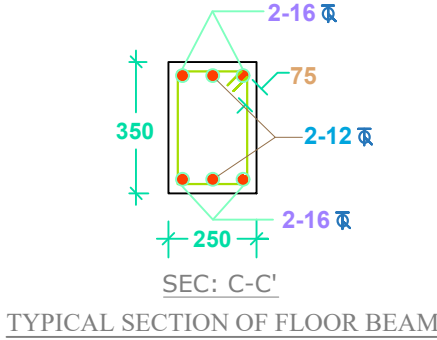
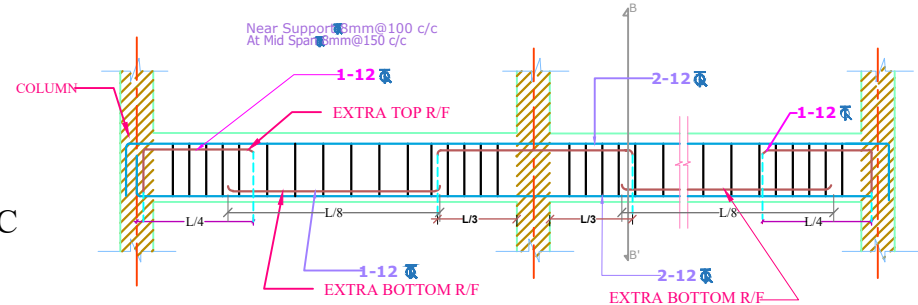
PLAN



FOOTING LAYOUT



FOOTING PLAN



- 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 :

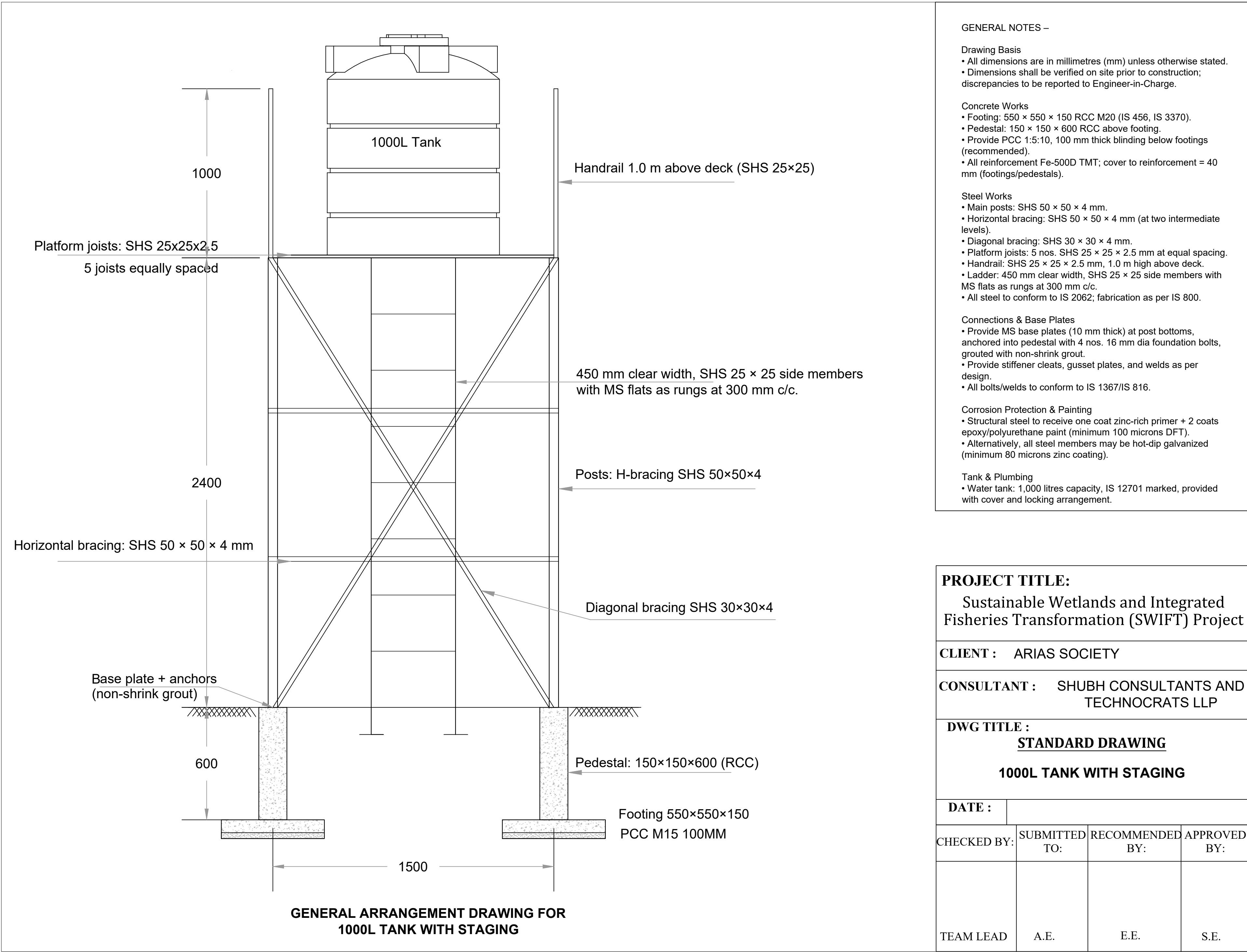
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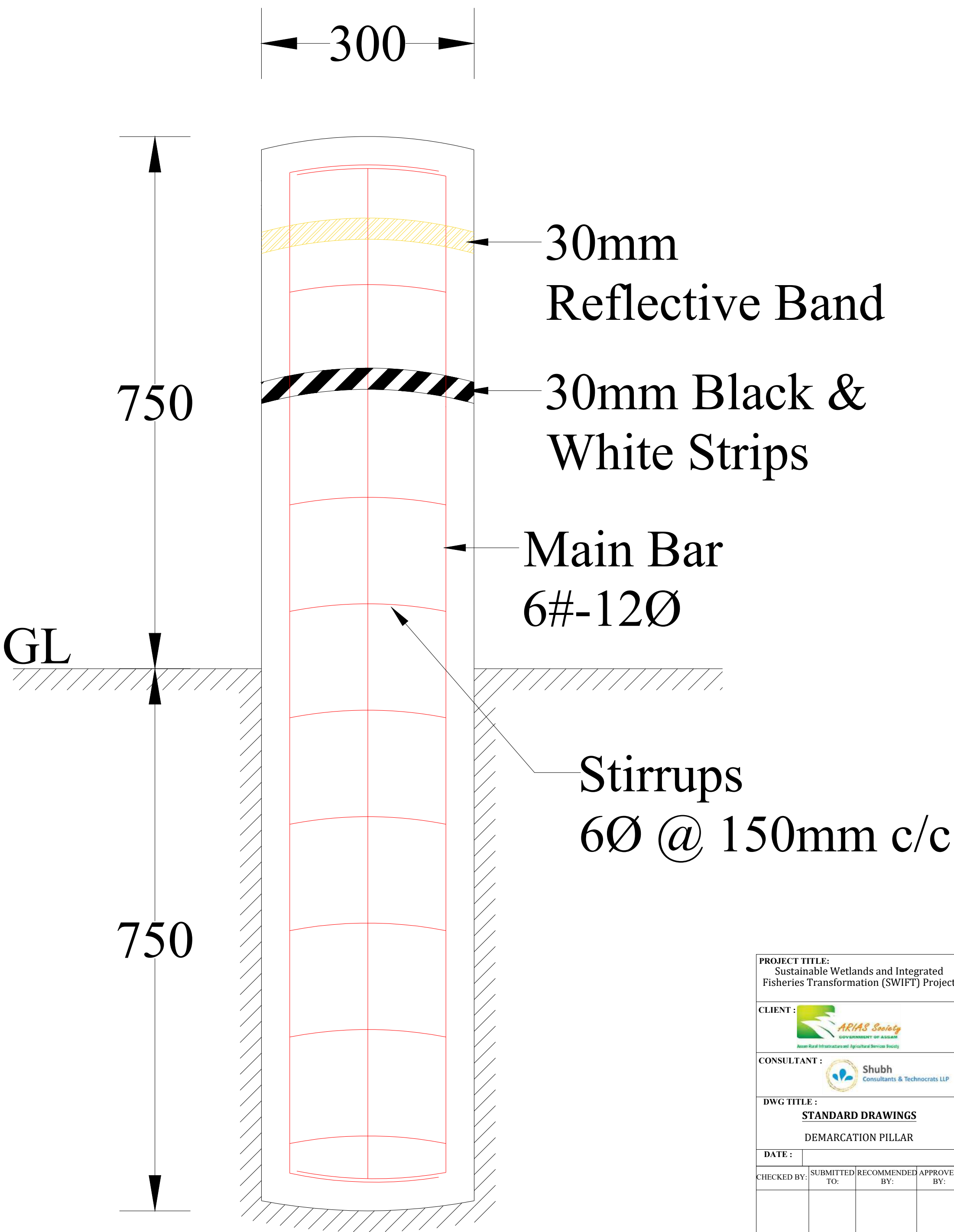
TEAM LEAD

A.E.

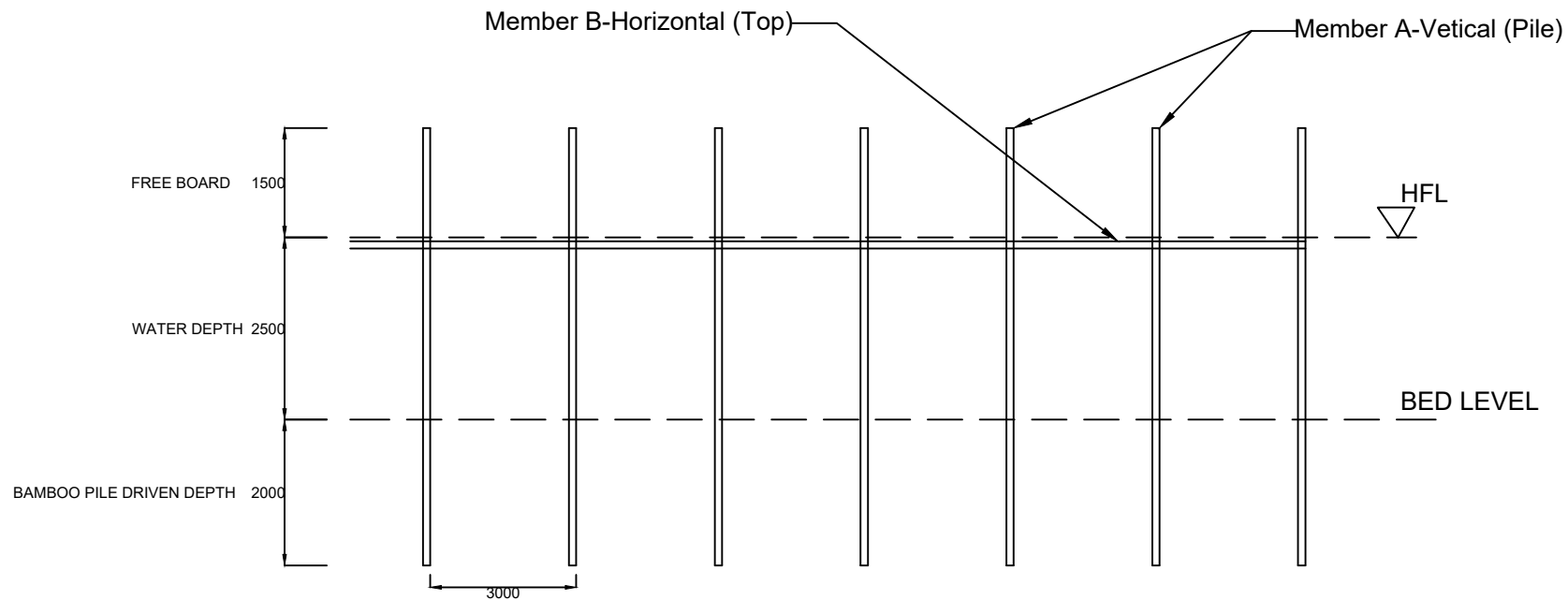
E.E.

S.E.

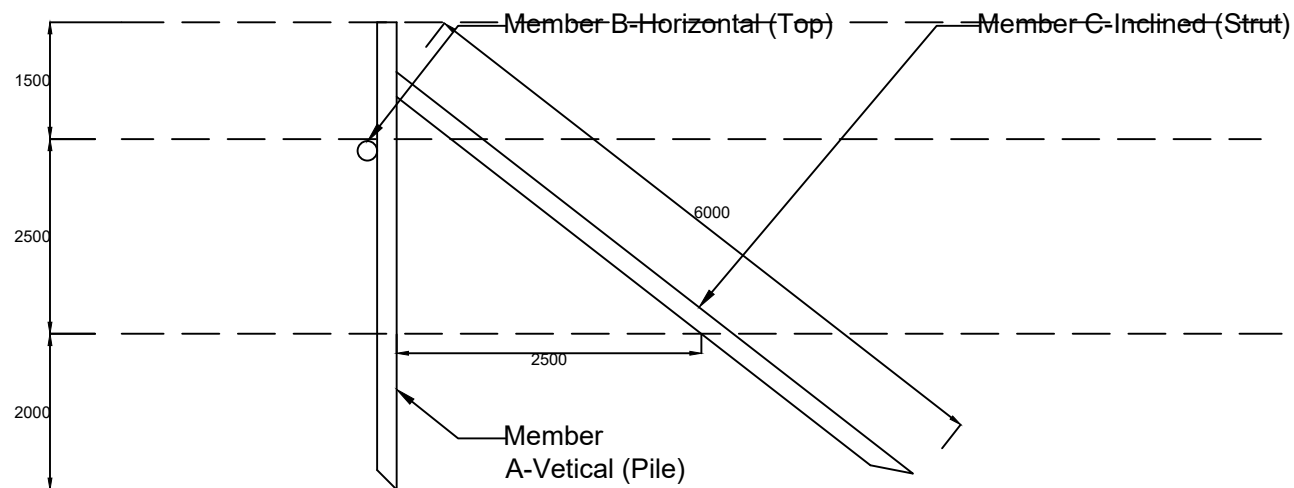




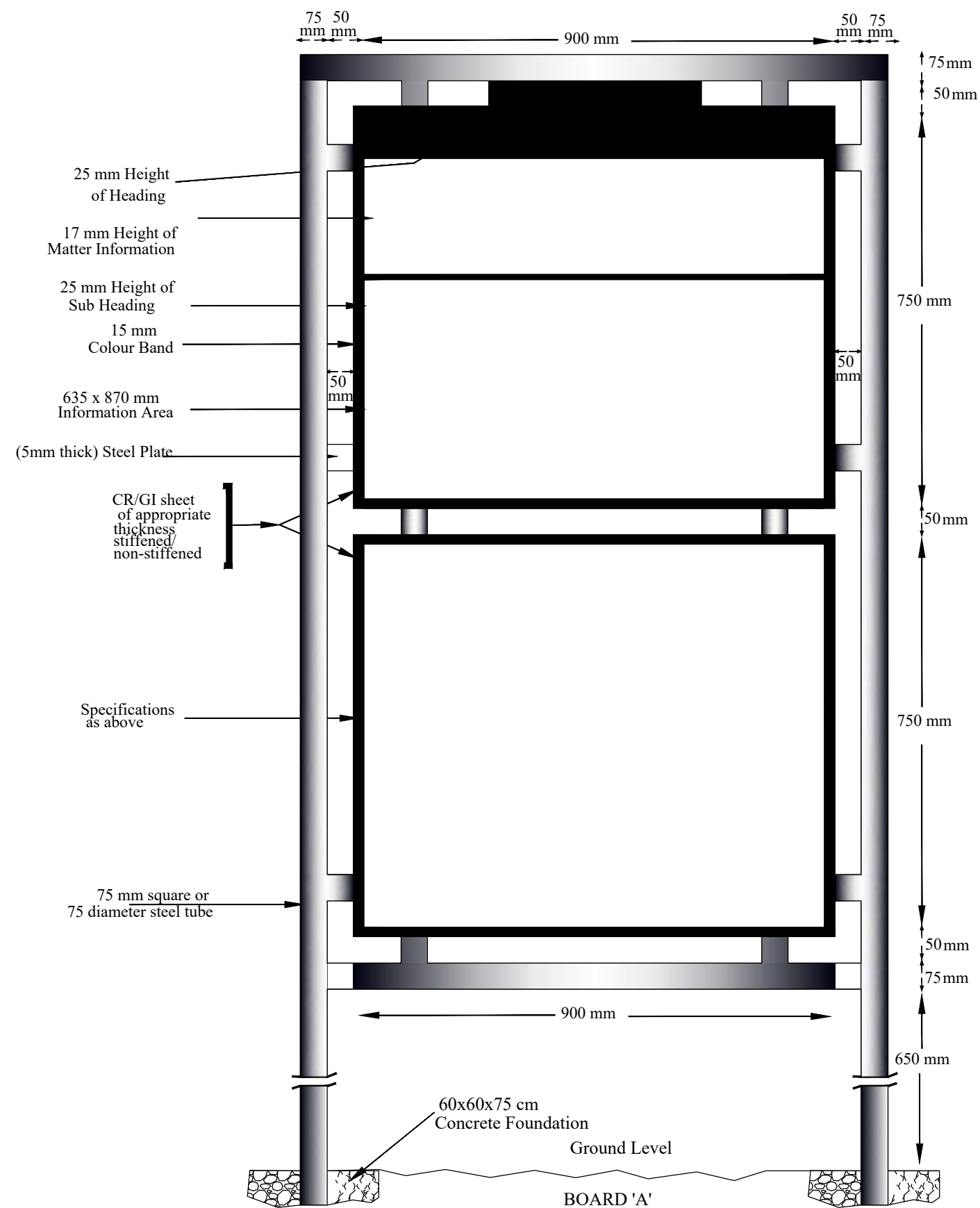
PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project			
CLIENT :  ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society			
CONSULTANT :  Shubh Consultants & Technocrats LLP			
DWG TITLE : STANDARD DRAWINGS DEMARICATION PILLAR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



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



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



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.