

**LEGEND :-**

PROPOSED HP CULVERT	
PROPOSED 800MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BLIND	
PROP. DEMARCATION PILLAR	
PROP. PIPE LAY (1 x 800 Ø)	

**LEGEND TYPE:- EXISTING**

TBM	
EXISTING CULVERT	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING CHANNEL	
EXT. EARTHEN ROAD	
EXISTING STOOD ROAD	

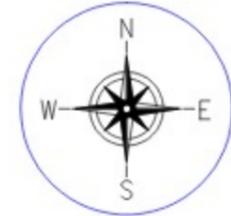
**PROVISIONS:**

1. WEED CLEARANCE	25000 M <sup>2</sup> 25000 M <sup>2</sup>
2. PROPOSED DE SILTING VOLUME	200000 M <sup>3</sup> 200000 M <sup>3</sup>
3. PROPOSED FISH LAUNDRY	1 NOS. (11.00 M x 7.00 M)
4. PROPOSED CULVERT	0 NOS.
5. PROPOSED APPROACH ROAD	10 M.
6. PROPOSED COMMUNITY HALL CLUM	1 NOS. (14.70 M x 12.00 M)
7. POP. BOUNDARY FENCING	104 m WITH IRON GATE. 2 Nos
8. PROP. STEEL OVER HEAD TANK (MSLTD)	1 NOS.
9. PROPOSED BAMBOO PARTITION	1 NOS. (80 M)
10. PROPOSED SOLAR LAMP	8 NOS.
11. PROPOSED KATALAENS	4 NOS. (2.2 Ha each)
12. PROPOSED FISH CULTURE	6 NOS. (2.2 Ha each)
13. PROPOSED REARING TANK	4 NOS. (1.15 Ha each)
14. PROPOSED PERIPHERAL BLIND	900 M.
15. PROPOSED INFORMATION BOARD	2 NOS. (1000x1.000x1.000)

**FUTURE PROVISIONS:**

16. PROPOSED PONTOON FOOT BRIDGE	1 NOS.
17. PROPOSED VERMI COMPOSTED UNIT	1 NOS.
18. PROPOSED ECO TOURISM	1 NOS.
19. PROPOSED AQUA CULTURE	1 NOS.

<b>Prepared by</b> <b>BASIC CONSULTANT</b> <small>(AN ASSOCIATE COMPANY)</small> Head Office Address BONGSARA, ASSAM, INDIA Regional Office Address Dispur, Assam, India Email: <a href="mailto:basicconsultant@gmail.com">basicconsultant@gmail.com</a>	<b>NAME OF THE BEEL:-</b> <b>NATUN BOLAI ARASUTI BEEL</b>	<b>DISTRICT:-</b> <b>DIBRUGAHI</b>	<b>AREA (Ha):-</b> <b>24.13 Ha</b>	<b>PROJECT TITLE:</b> <b>SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT</b>	<b>DWG TITLE:</b> <b>MASTER PLAN LAYOUT OF NATUN BOLAI ARASUTI BEEL</b>	<b>CLIENT:</b> 	<table border="1"> <tr> <th>DATE</th> <th>DESIGNED BY</th> <th>CHECKED BY</th> <th>APPROVED BY</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	DATE	DESIGNED BY	CHECKED BY	APPROVED BY								
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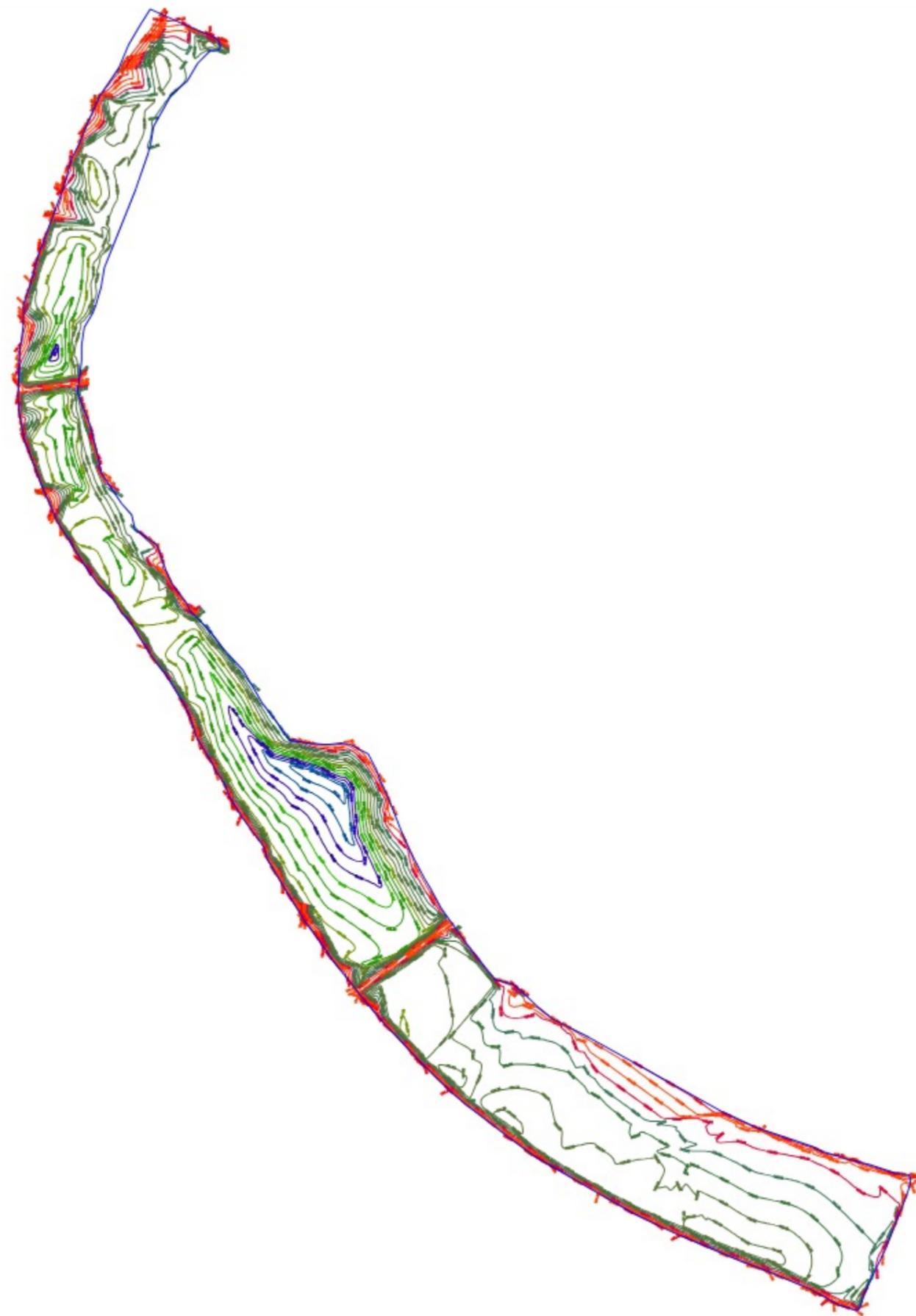
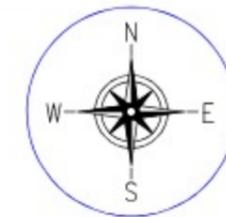


LEGEND :-	
PROPOSED HP CULVERT	
PROPOSED 800MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNGH	
PROPOSED DRAIN	
PROP. DEMARCATION PILLAR	
PROP. PIPE LAY (1 x 800 D)	
LEGEND TYPE:- EXISTING	
TBM	
EXISTING CULVERT	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING HALA	
EXT. EARTHEN ROAD	
EXISTING STCC ROAD	
PADDY FIELD / JUNGLE	

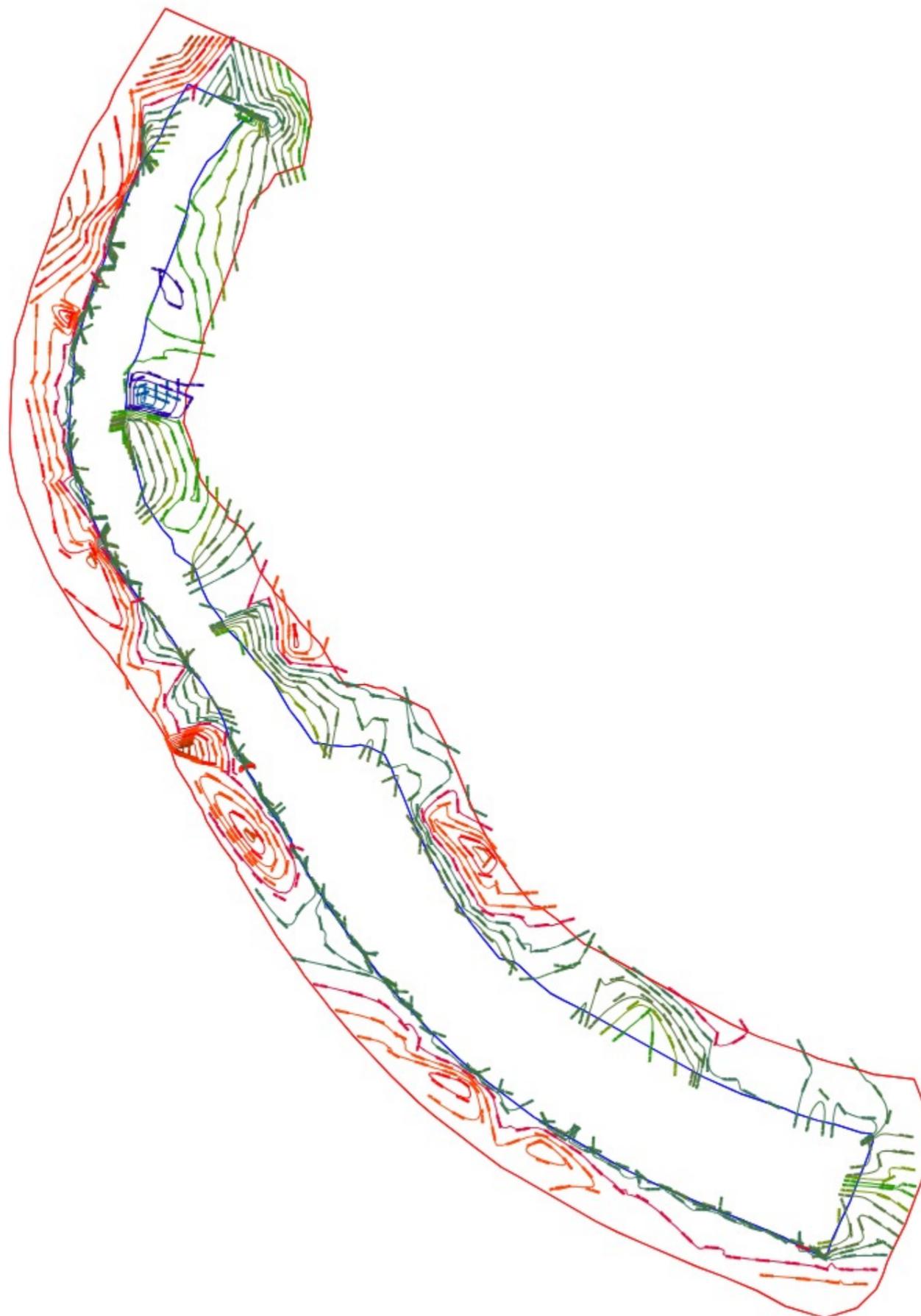
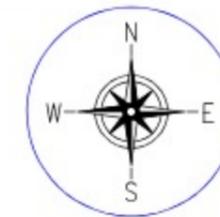
<b>Prepared by</b> <b>BASIC CONSULTANT</b> <small>(মৌসুমী কনসাল্টাণ্ট)</small> <small>Office Address: ...</small> <small>Phone: ...</small> <small>Email: ...</small>	<b>NAME OF THE BEEL:-</b>  <b>NATUN BOLAI ARASUTI BEEL</b>	<b>DISTRICT:-</b> <b>DIBRUGHAH</b>	<b>AREA (Ha):-</b> <b>24.13 Ha</b>	<b>PROJECT TITLE:-</b>  <b>SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT</b>	<b>DWG TITLE:-</b>  <b>LAYOUT PLAN OF NATUN BOLAI ARASUTI BEEL</b>	<b>CLIENT:-</b>  <small>Assam Rural Infrastructure and Agricultural Services Society</small>	<b>DATE</b> <table border="1"> <tr> <td>DESIGNED BY</td> <td>APPROVED BY</td> <td>DATE</td> <td>SCALE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				DESIGNED BY	APPROVED BY	DATE	SCALE				
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<b>DRAWING NO :-</b> <b>ARIAS/SWIFT/CR-02/PLAN/02</b>		<table border="1"> <tr> <td>DATE</td> <td>SCALE</td> <td>DATE</td> <td>SCALE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				DATE	SCALE	DATE	SCALE									
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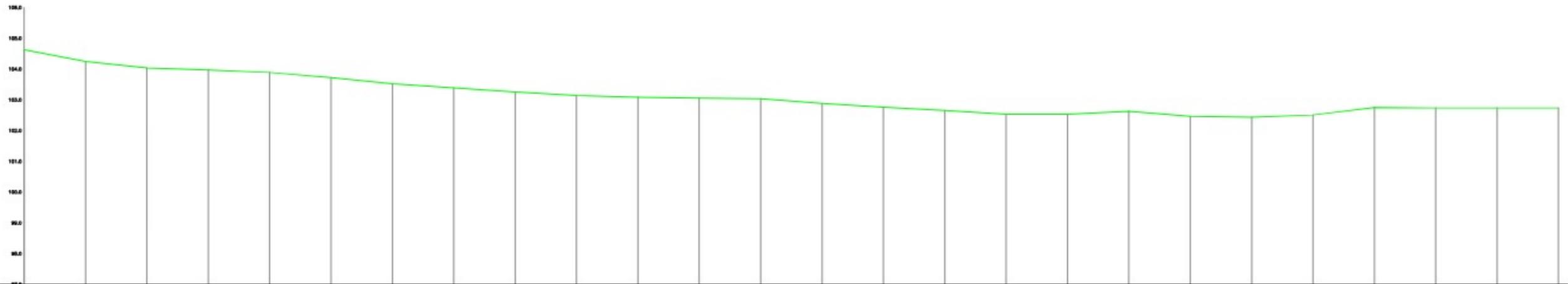




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	<b>SCALE :- 1:1000</b>	<b>DRAWING NO :-</b> <b>ASSAM/SWIFT/GR-08/PLAN/05</b>					<b>CHECKED BY:</b>  	<b>SUBMITTED TO:</b>  	<b>RECOMMENDED BY:</b>  	<b>APPROVED BY:</b>  



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	<b>SCALE :- 1:1000</b>	<b>DRAWING NO :-</b> <b>ASSAM/SWIFT/GR-08/PLAN/06</b>					<b>CHECKED BY:</b>  	<b>DESIGNED BY:</b>  	<b>REVISIONS BY:</b>  	<b>APPROVED BY:</b>  



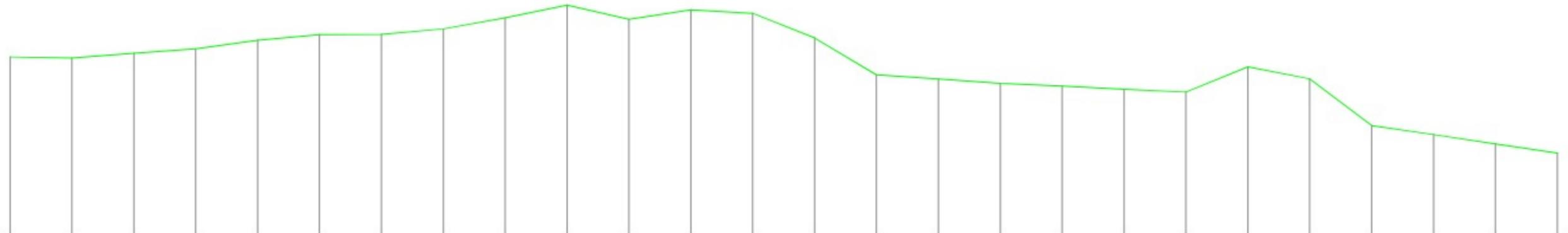
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<b>EXISTING LEVEL</b>	104.63	104.241	104.033	103.989	103.883	103.723	103.519	103.398	103.257	103.14	103.083	103.059	103.035	102.893	102.799	102.65	102.538	102.537	102.622	102.481	102.438	102.51	102.764	102.733	102.738	102.738

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**Name of Work:-**  
**Natun Bolai Arasuti Beel in Dibrugrah District : Conservation,**  
**Restoration and Rejuvenation under Assam SWIFT Project.**

**DRAWING :**  
 LONGITUDINAL PROFILE OF BEEL  
 DRAWING NO  
 ASSAM/SWIFT/GR-08/PLAN/07(A)

**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



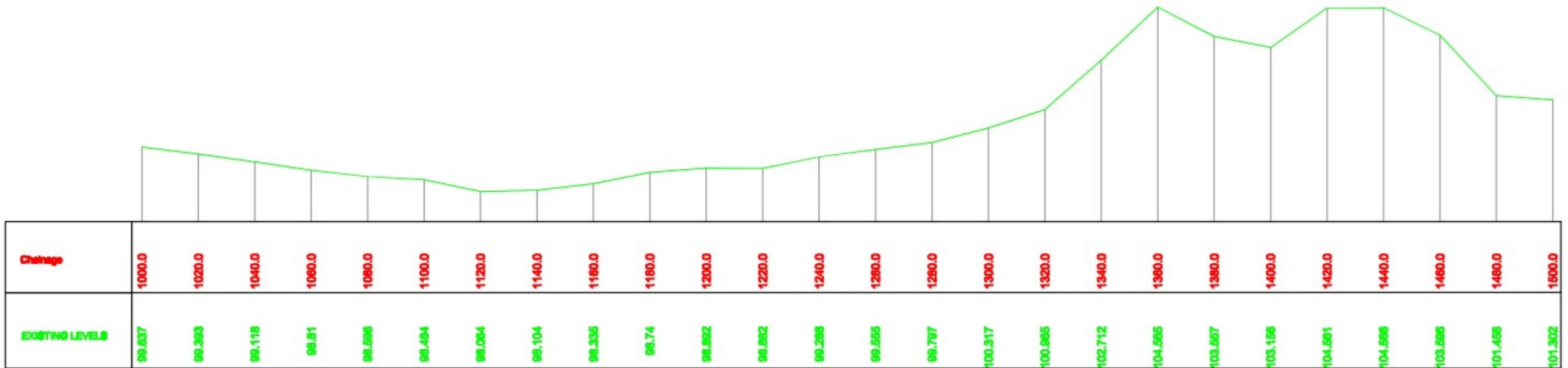
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<b>EXISTING LEVEL</b>	102.736	102.701	102.659	103.004	103.279	103.461	103.471	103.645	103.896	104.412	103.951	104.259	104.148	103.355	102.156	102.026	101.889	101.791	101.695	101.599	102.42	102.03	100.52	100.226	99.932	99.637

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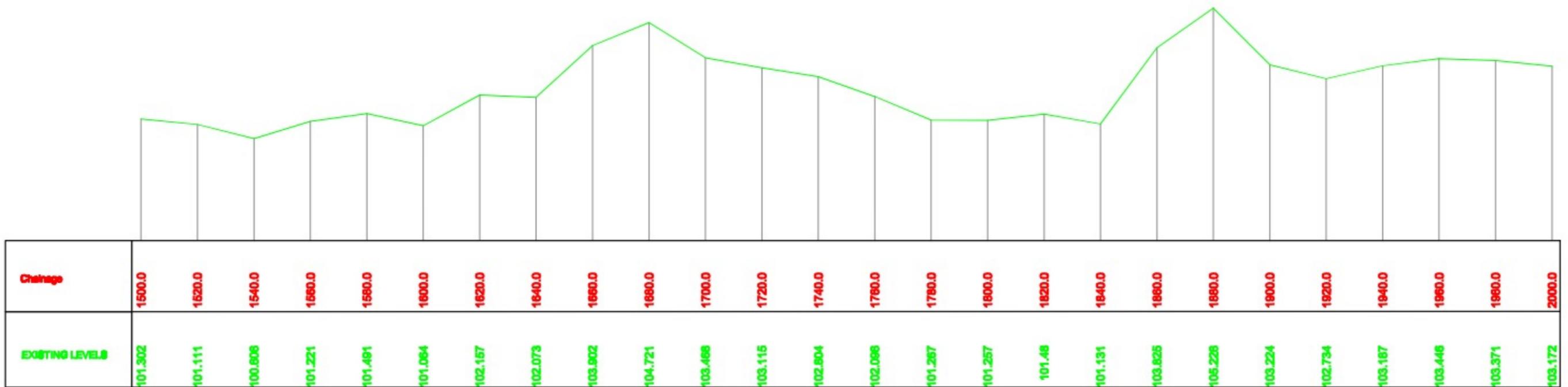


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 ASSAM/SWIFT/GR-08/PLAN/07(C)

**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**

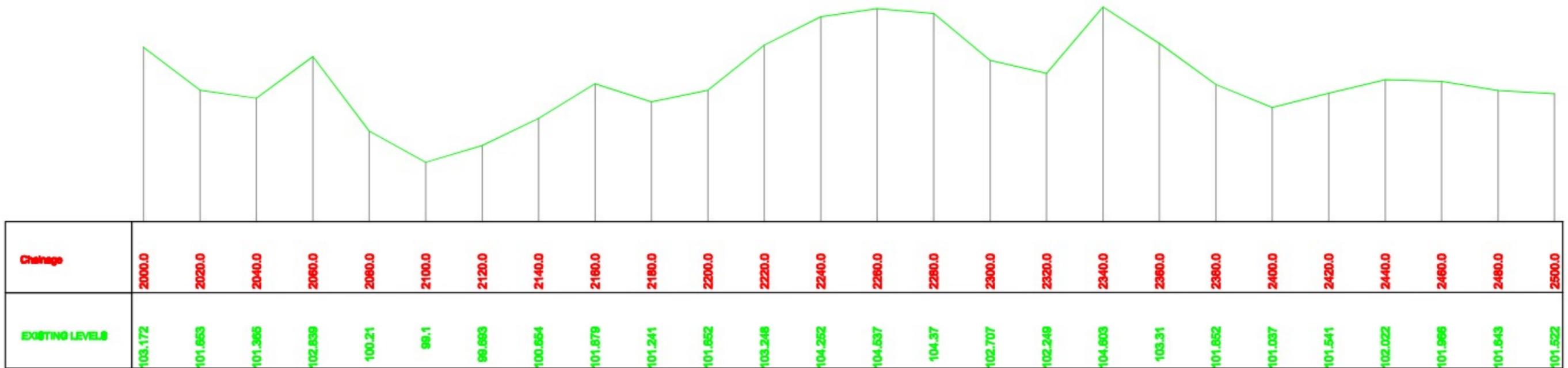


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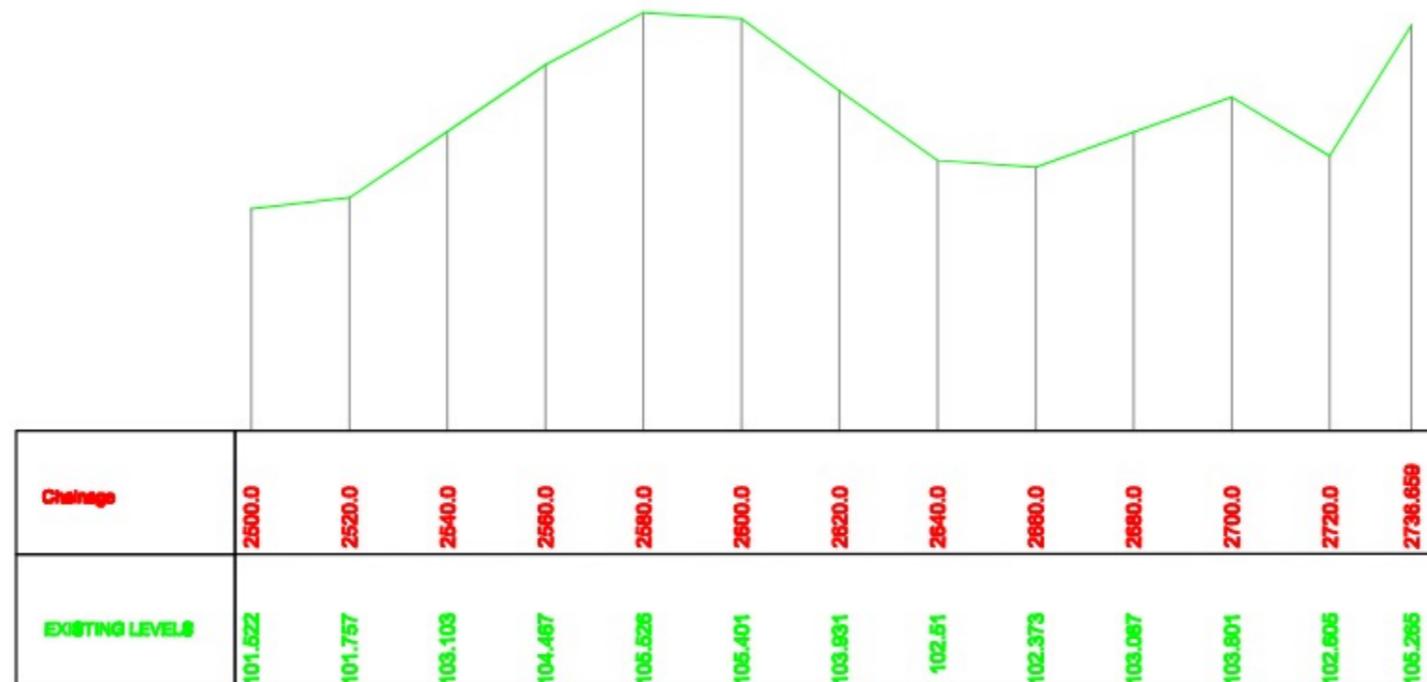


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**Agricultural Service Society**



DATUM = 104.00 M



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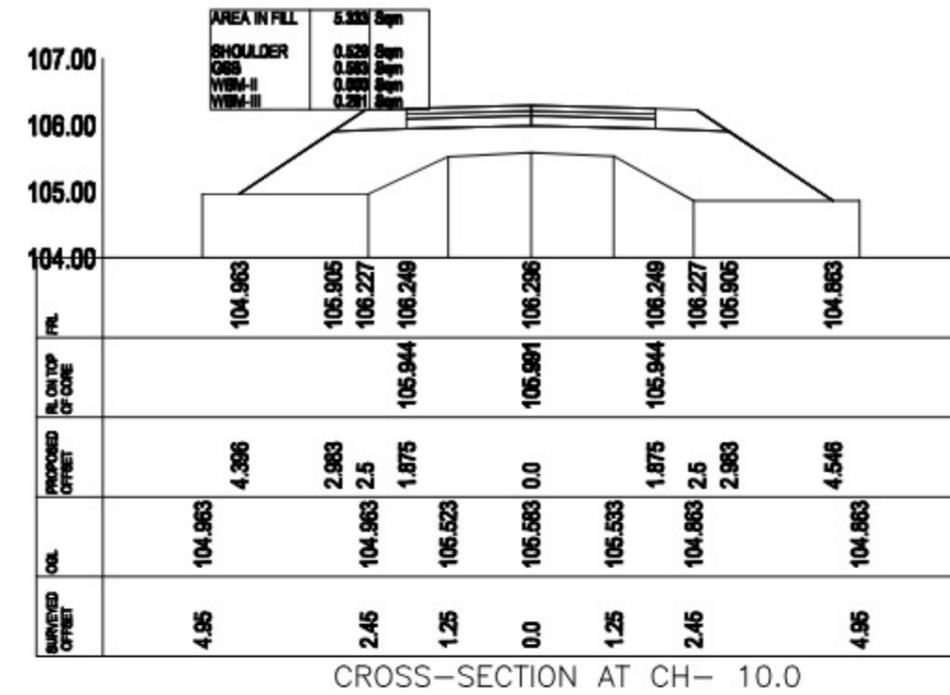
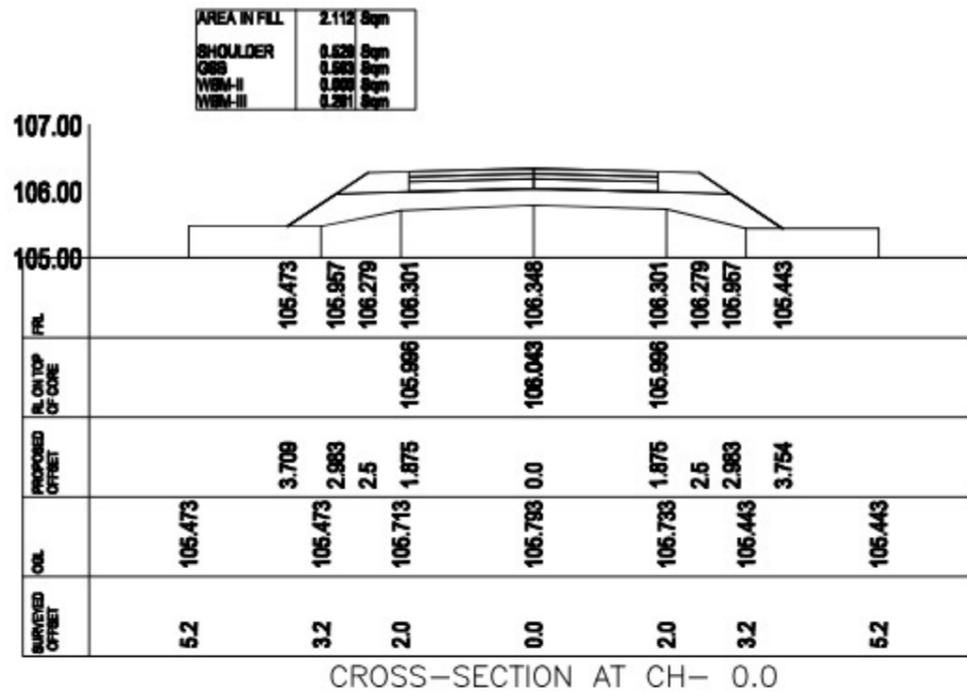
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Email: basicconsultant@gmail.com

Name of Work:-  
Natun Bolai Arasuti in Dibrugrah District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

DRAWING :  
L PROFILE OF APPROACH ROAD

DRAWING No. :  
ASSAM/SWIFT/GR-08/SD/01(A)

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GOVERNMENT OF ASSAM  
Assam Rural Infrastructure  
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 Natun Bolai Arasuti in Dibrugarh District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

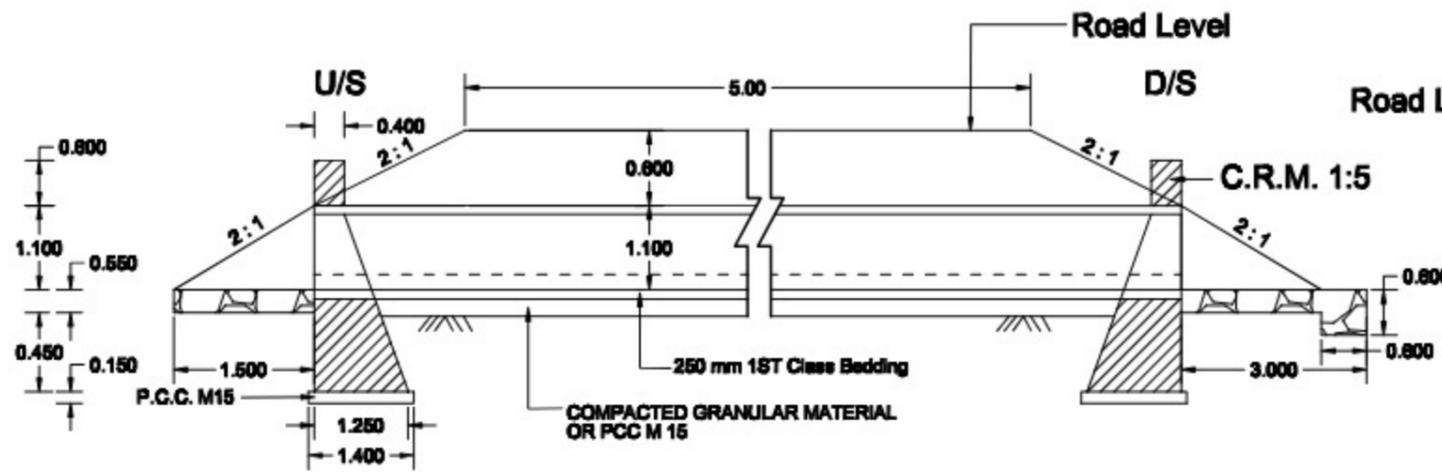
DRAWING :  
 CROSS SECTION OF APPROACH ROAD

DRAWING No. :  
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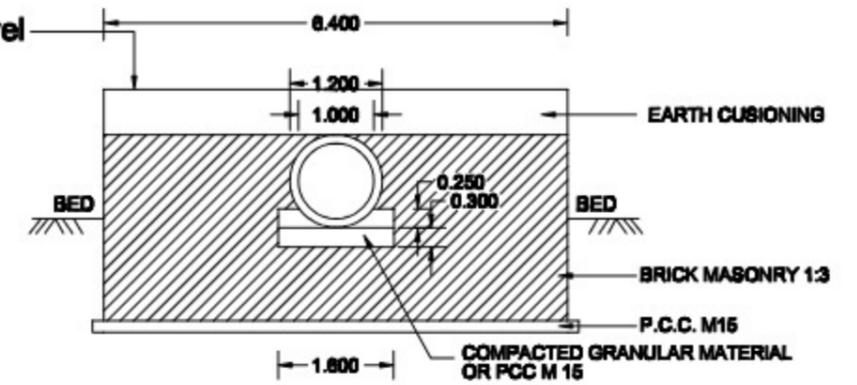
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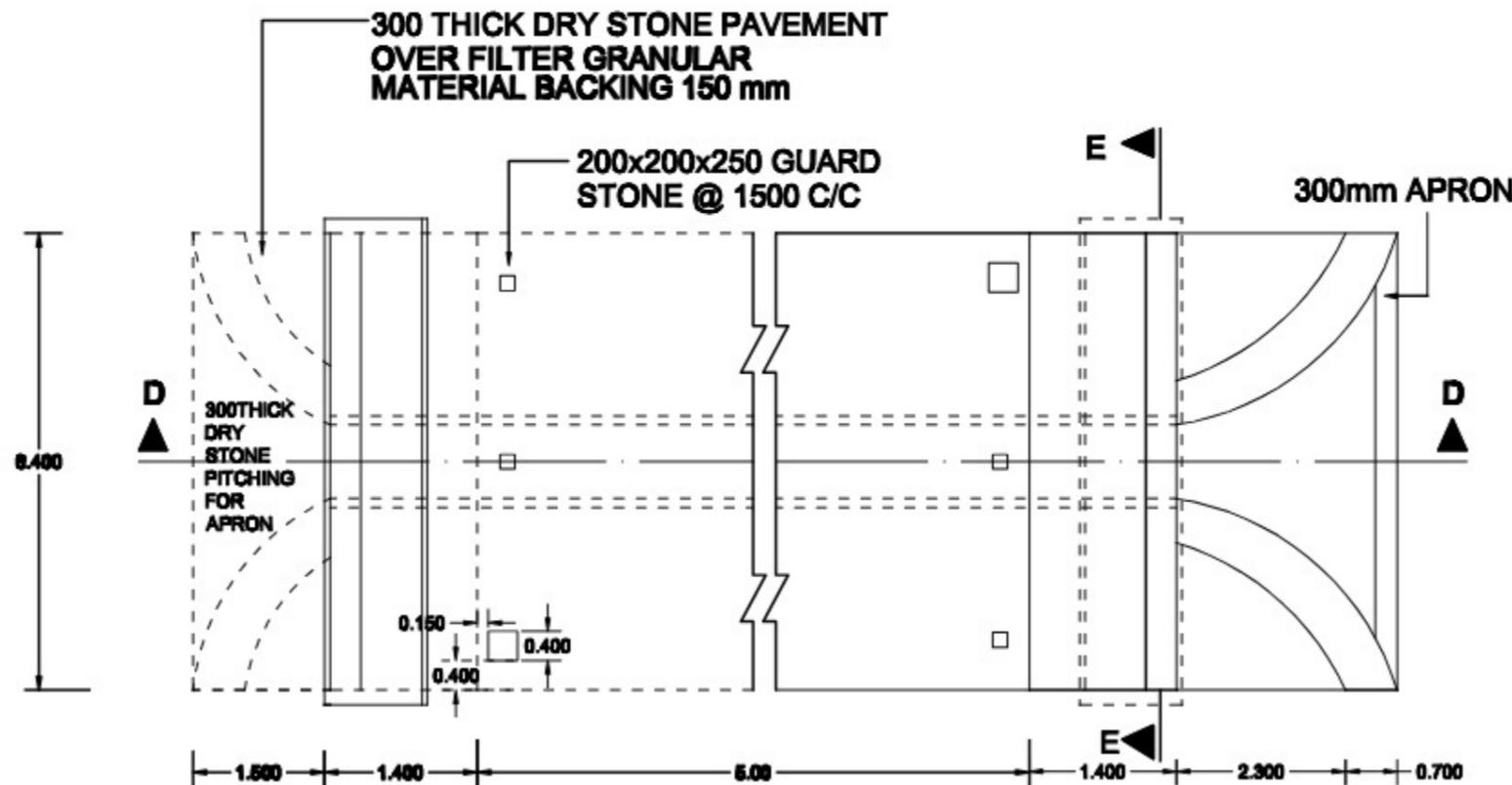




**SECTION AT D - D**  
**1000mm DIA PIPE CULVERT SINGLE ROW**



**SECTION AT E - E**  
**1000mm DIA. CULVERT**



**PLAN OF 1000mm DIA SINGLE ROW CULVERT**

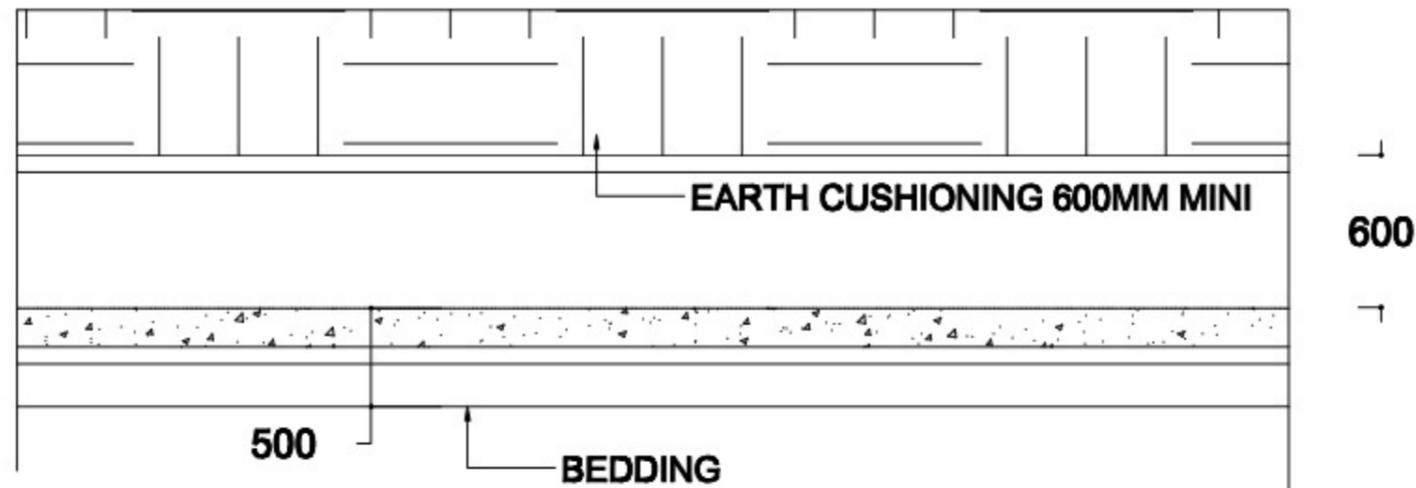
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**DRAWING :**  
 GENERAL ARRANGEMENT OF PIPE  
 CULVERT, 1000MM DIA

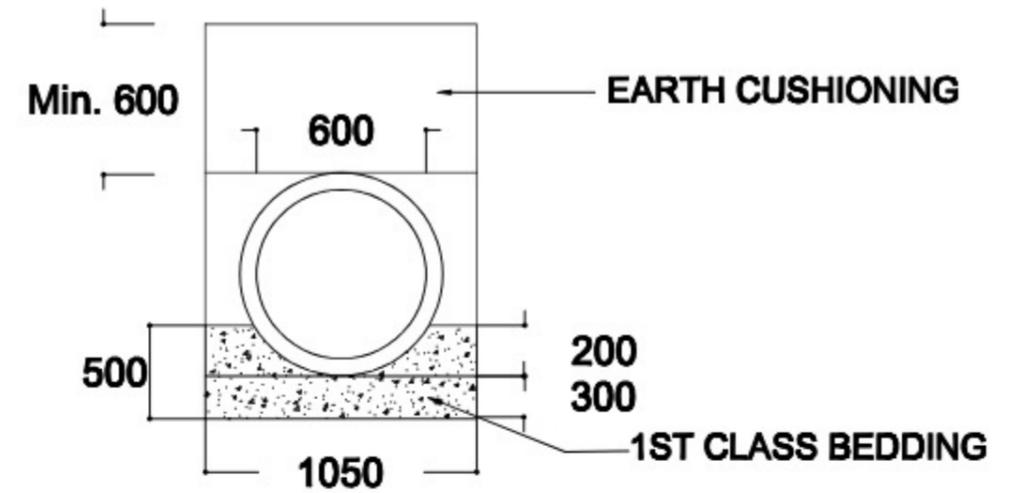
**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/03(B)

NOT TO SCALE

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LONGITUDINAL SECTION OF HUME PIPE CULVERT



CROSS SECTION OF HUME PIPE CULVERT



PLAN OF HUME PIPE CULVERT

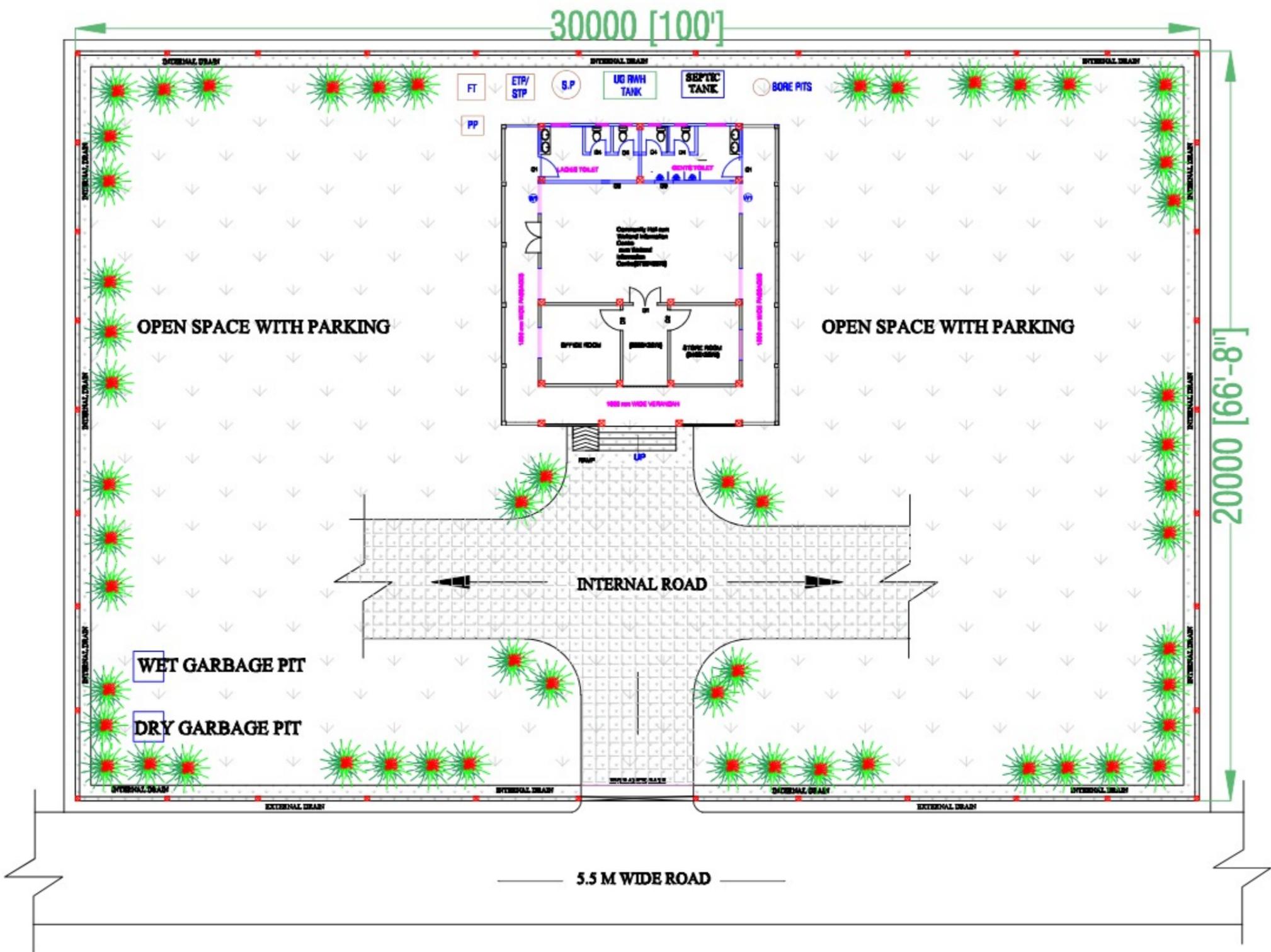
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**DRAWING :**  
 GENERAL ARRANGEMENT OF LAYING PIPE  
 CULVERT, 600MM DIA

**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/03(D)

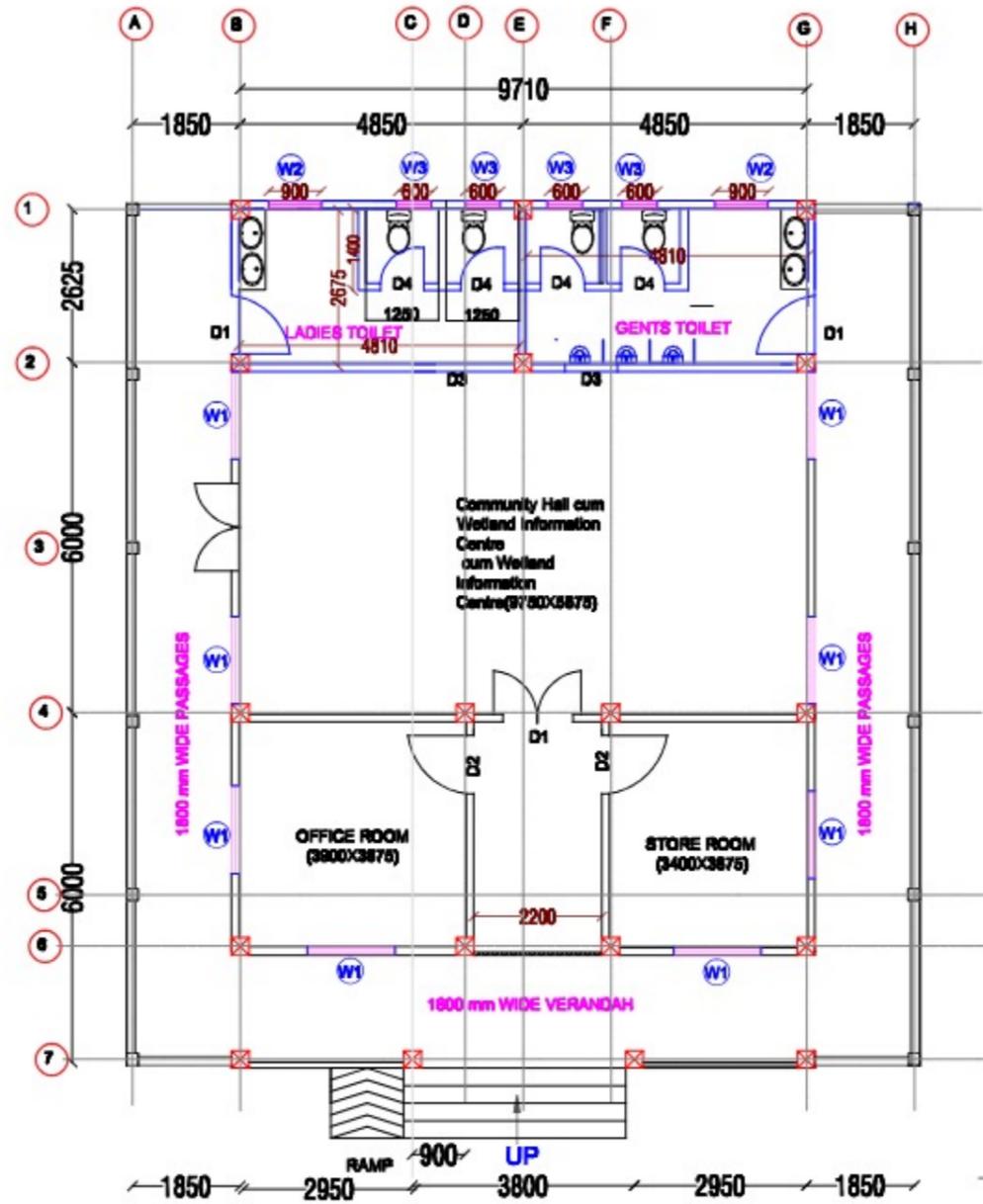
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**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**

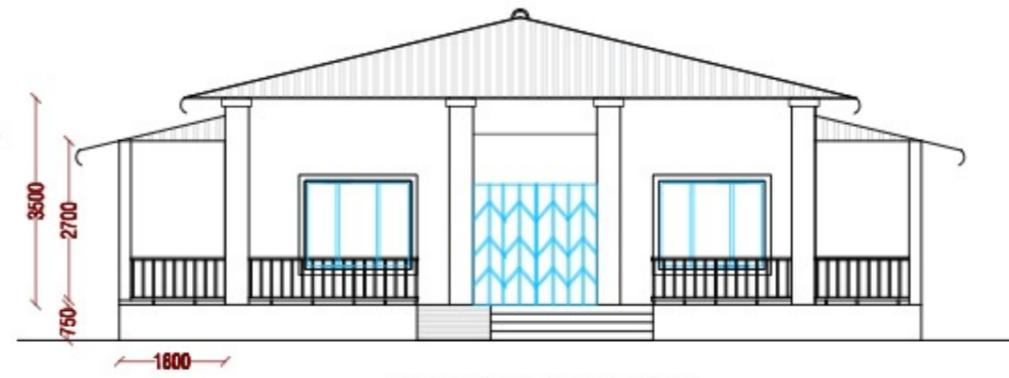


**SITE PLAN**

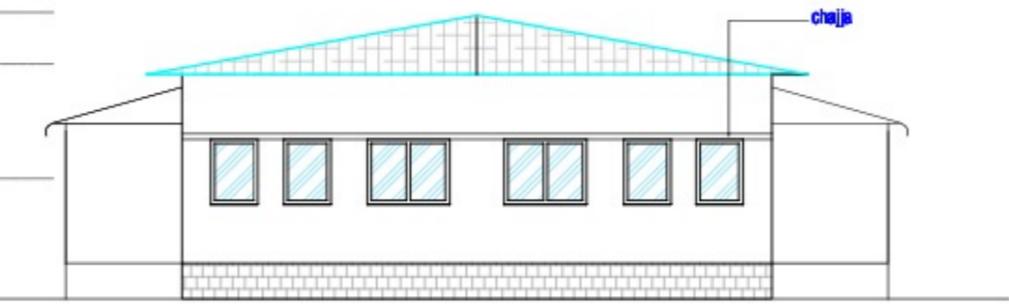
<p><b>Prepared by</b>  <b>BASIC CONSULTANT</b>  <small>(স্বাধীনতা সড়ক, গুৱাহাটী)</small>          Current office Address:          SWIFT, 1st floor, RAJIB, INDRA NAGAR, GUWAHATI,          KAMRUP (M), ASSAM, PIN-781005.          email: basiccons@rediffmail.com          Regd. Office Address:          N. SHARANGA, N.S. ROAD,          KARSAWA, ASSAM, PIN-781005          email: basiccons@rediffmail.com</p>	<p><b>DRAWING :</b>          SITE PLAN</p> <p>PROJECT TITLE:          Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project</p>	<p><b>DRAWING No. :</b>          ASSAM/SWIFT/GR-08/SD/04(A)</p> <p>DRAWING CONTENTS: Community Hall cum          Wetland Information</p>	<p>NOT TO SCALE</p>	<p><b>ARIAS Society</b>  <b>GOVERNMENT OF ASSAM</b>  <b>Assam Rural Infrastructure</b>  <b>Agricultural Service Society</b></p>
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**FLOOR PLAN**



**FRONT ELEVATION**

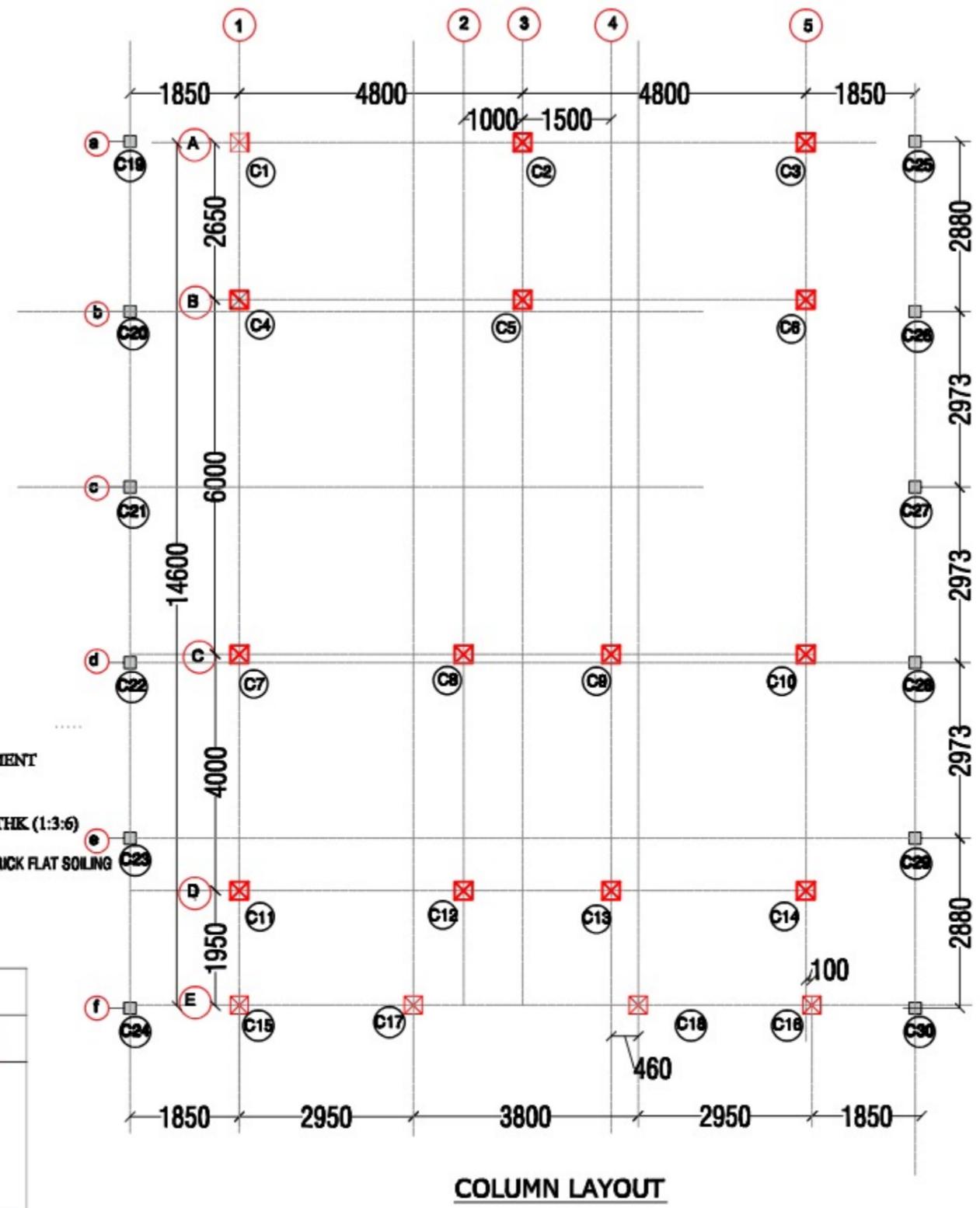
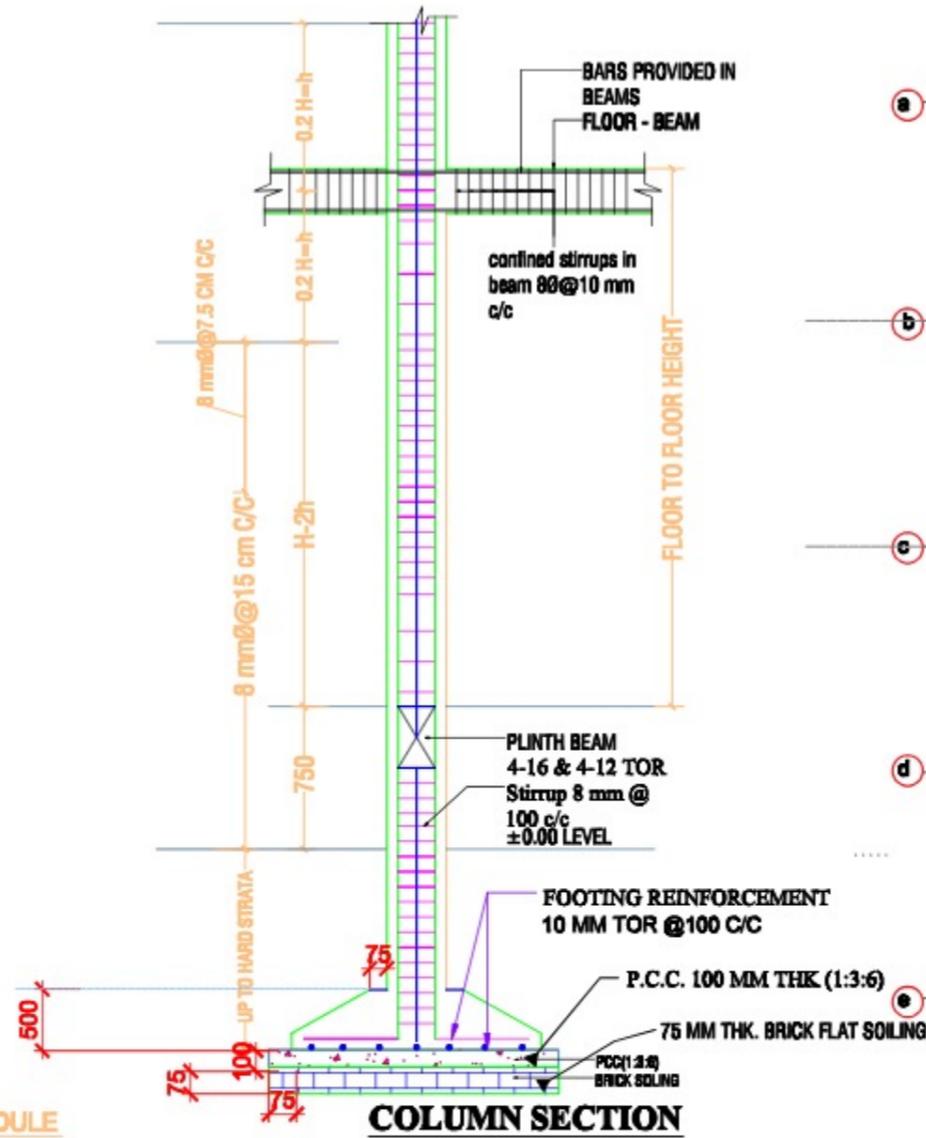


**BACK VIEW**

<p>Prepared by <b>BASIC CONSULTANT</b> (কামৰূপ জিলাৰ প্ৰকৃতি সঞ্চালকালয়ৰ অধীনত) Concept office Address SOMNAY, P.O. Box: 10018, HIGHEE HO-02, GORAMUKT, KAMRUP Dist, Assam, Pin-781002. email- basicconsultant@yahoo.com Regd. Office Address N. HANARIBARI, N.B. ROAD, MARIJAN, ASSAM, Pin-781002 email- basicconsultant@yahoo.com</p>	<p><b>DRAWING :</b> PLAN &amp; ELEVATION</p> <p>PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project</p>	<p><b>DRAWING No. :</b> ASSAM/SWIFT/GR-08/SD/04(B)</p> <p><b>DRAWING CONTENTS:</b> Community Hall cum Wetland Information Centre</p>	<p>NOT TO SCALE</p>	<p><b>ARIAS Society</b> <b>GOVERNMENT OF ASSAM</b> <b>Assam Rural Infrastructure</b> <b>Agricultural Service Society</b></p>
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**COLUMN SECTION**  
**NOTE : FLOOR LEVELS AS PER ARCH. DRAWING**



**COLUMN SCHEDULE**

		TYPE A				
		COLUMN SIZE	COLUMN TYPE	SPECIFICATION	BAR SIZE	TIES
GROUND TO RIDGE COLUMN DETAIL	ARRANGE MENT OF LINKS	300X300		4-16Ø + 4-12Ø		A-16 MM B-12 MM 8 MM BAR AS PER SPECIFIED
	COLUMN DETAIL C1,C2,C3,C4,C5,C6, C7,C8,C9,C10,C11, C12,C13,C14,C15, C16,C17,C18					
	C19 to C30	200X200		4-12Ø	A-12 MM	

**COLUMN LAYOUT**

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**DRAWING :**  
 LAYOUT OF COLUMN

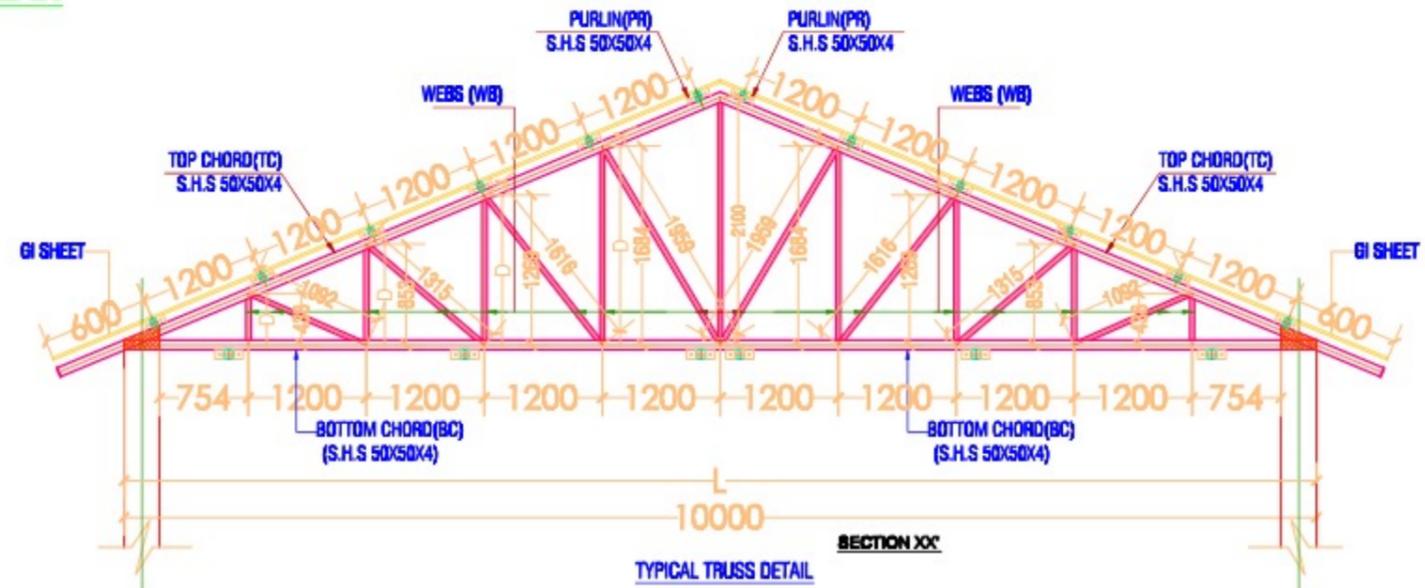
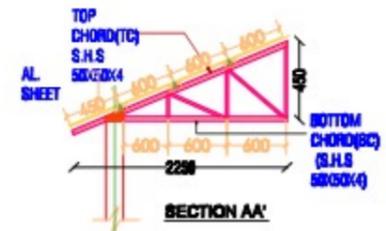
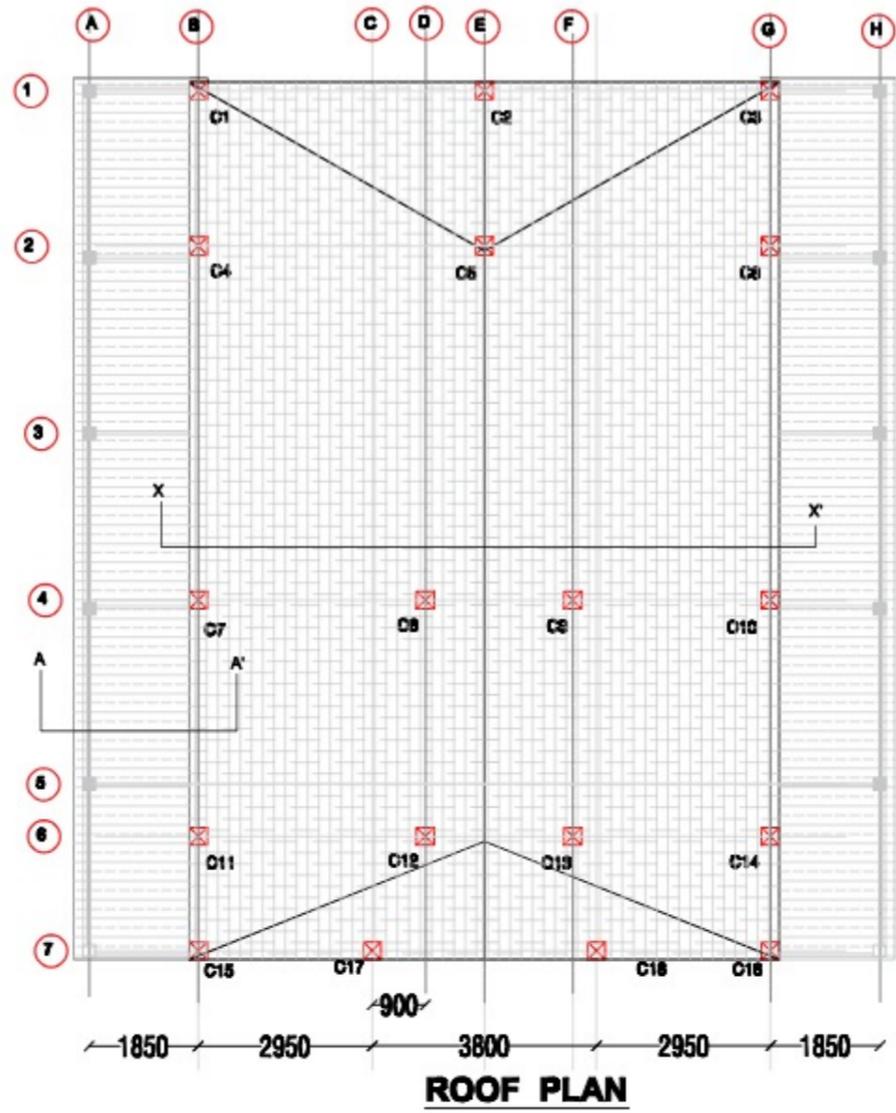
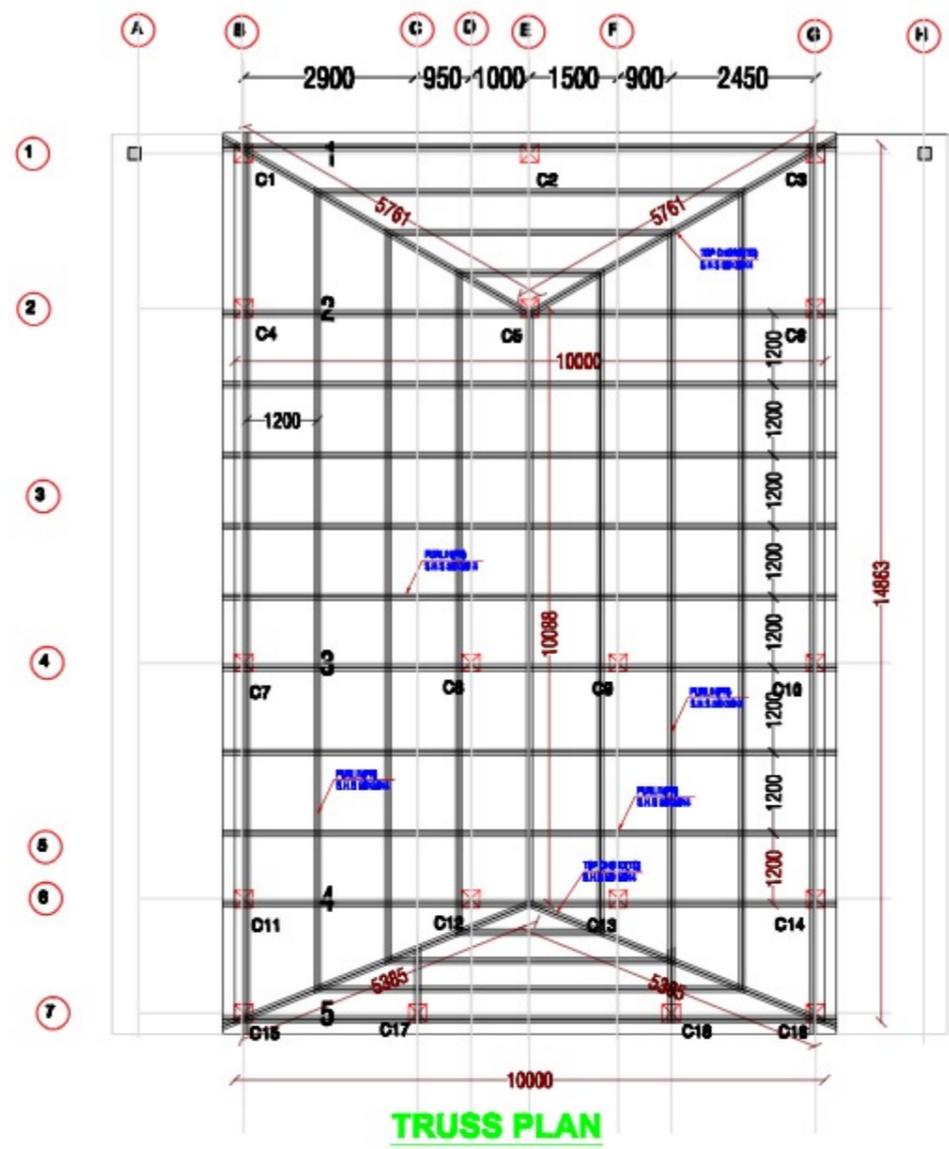
PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/04(D)

**DRAWING CONTENTS:** Community Hall cum  
 Wetland Information Centre

NOT TO SCALE

**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



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**DRAWING :**  
 LAYOUT & DETAILS OF TRUSS

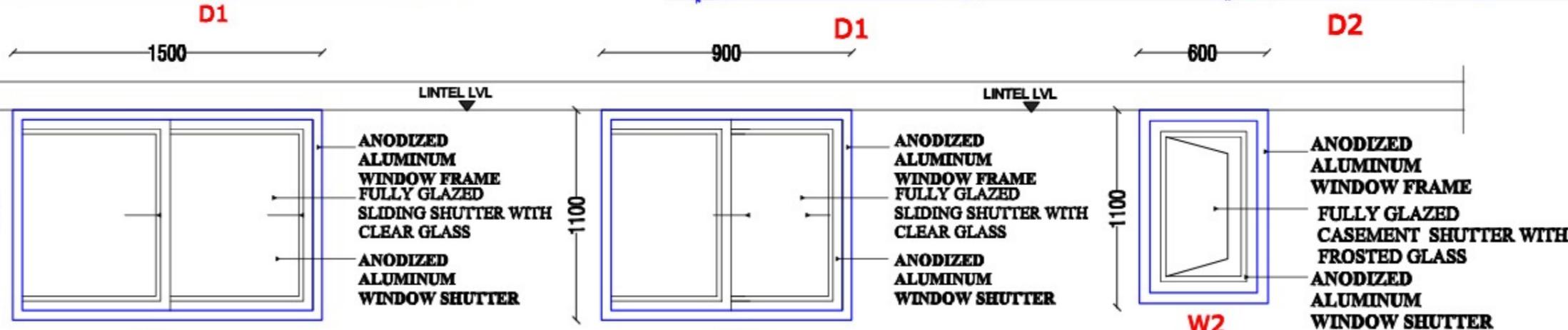
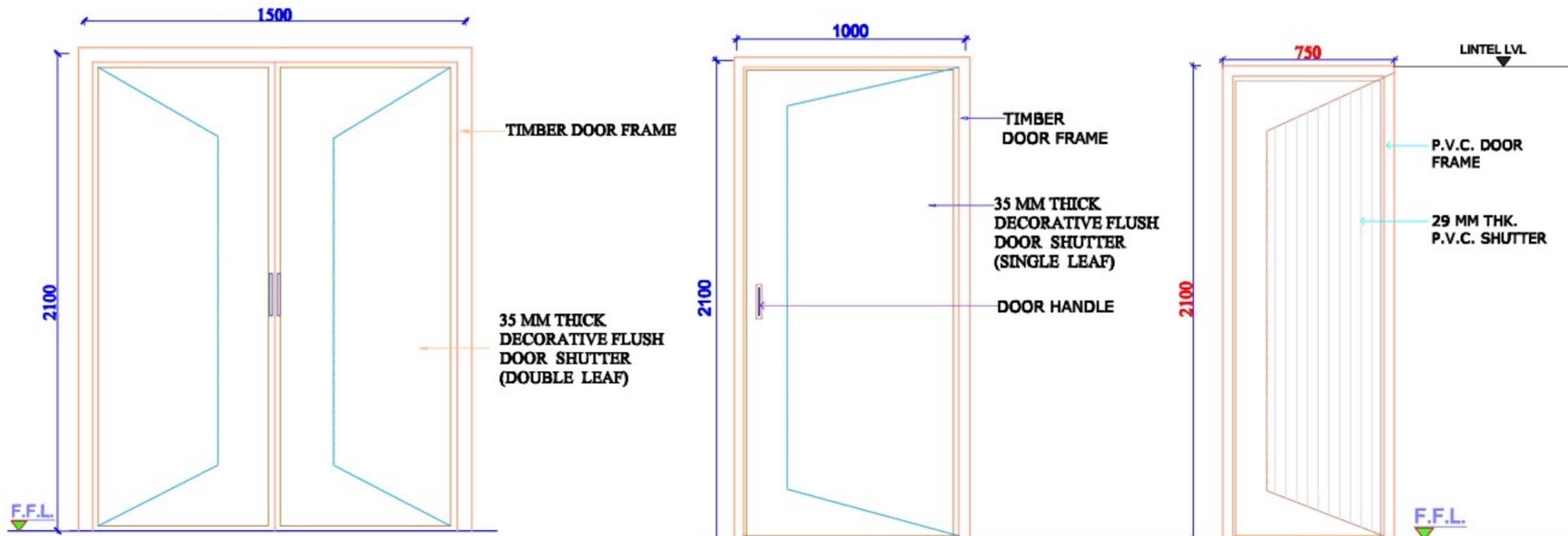
PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/04(E)

**DRAWING CONTENTS:** Community Hall cum Wetland Information Centre

NOT TO SCALE

**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



SL. NO.	TYPE	DESCRIPTION	DIMENSION	LINTEL LVL	SILL LVL
1.	D	DOUBLE LEAF WOODEN DOOR	1500x2100	2100	-
2.	D1	FLUSH DOOR	1000x2100	2100	-
3.	D2	PVC DOOR	750 x2100	2100	-
4.	W	ALUMINIUM WINDOW	1500x1100		-
5.	W1	ALUMINIUM WINDOW	900x1100		-
6.	W2	ALUMINIUM WINDOW	600x1100		-

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 Regd. Office Address  
 N. BANWATI, N.S. ROAD,  
 NAGBHI, ASSAM, PIN-781001  
 email: basicconsultant@gmail.com

**DRAWING :**  
 DETAIL & SCHEDULE OF DOORS & WINDOWS

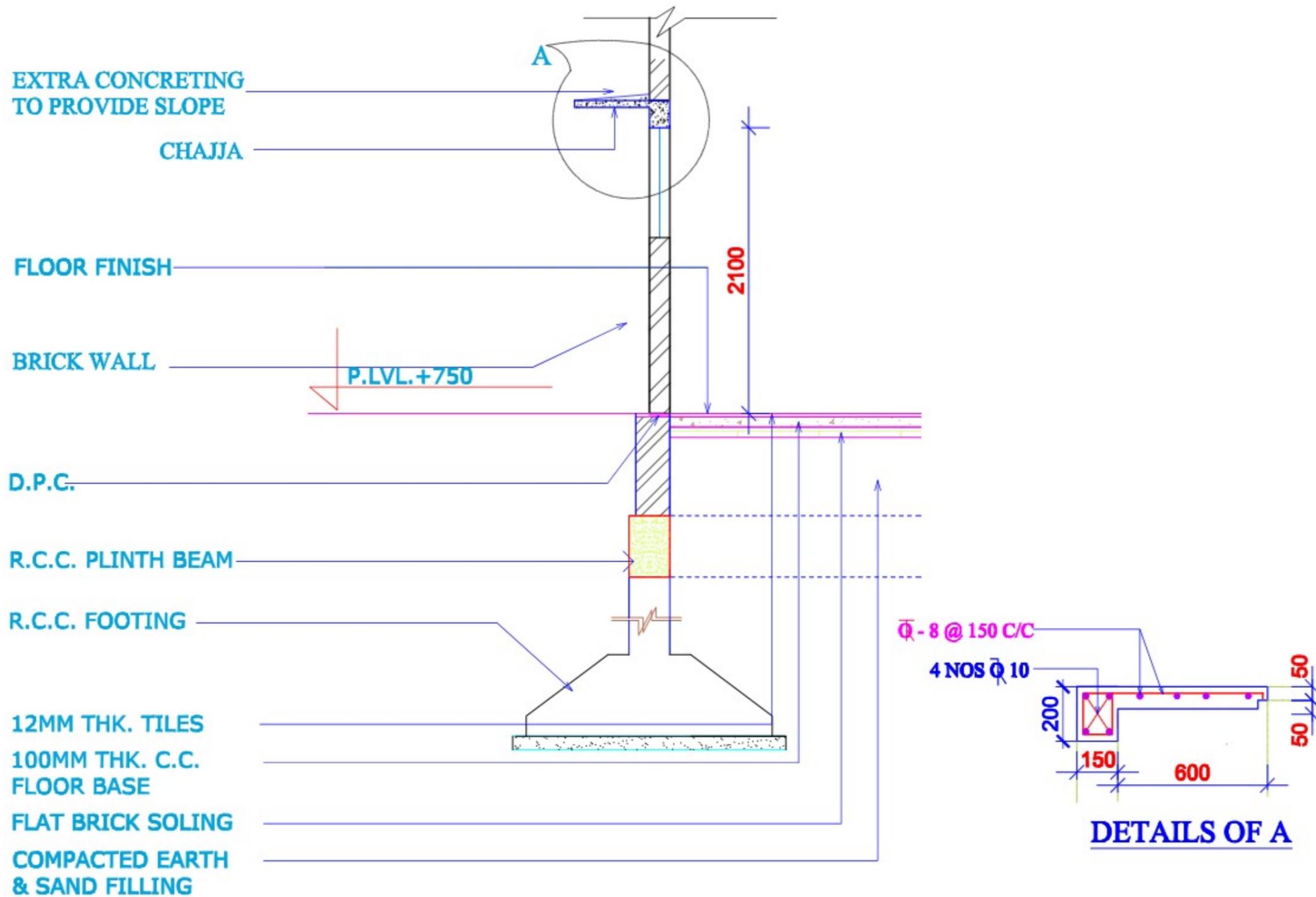
PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/04(F)

DRAWING CONTENTS: Community Hall cum Wetland Information Centre

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**ARIAS Society**  
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**GENERAL SECTION THROUGH R.C.C. LINTEL , WINDOW & FLOOR.**

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**DRAWING :**  
 CHAJJA DETAILS

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

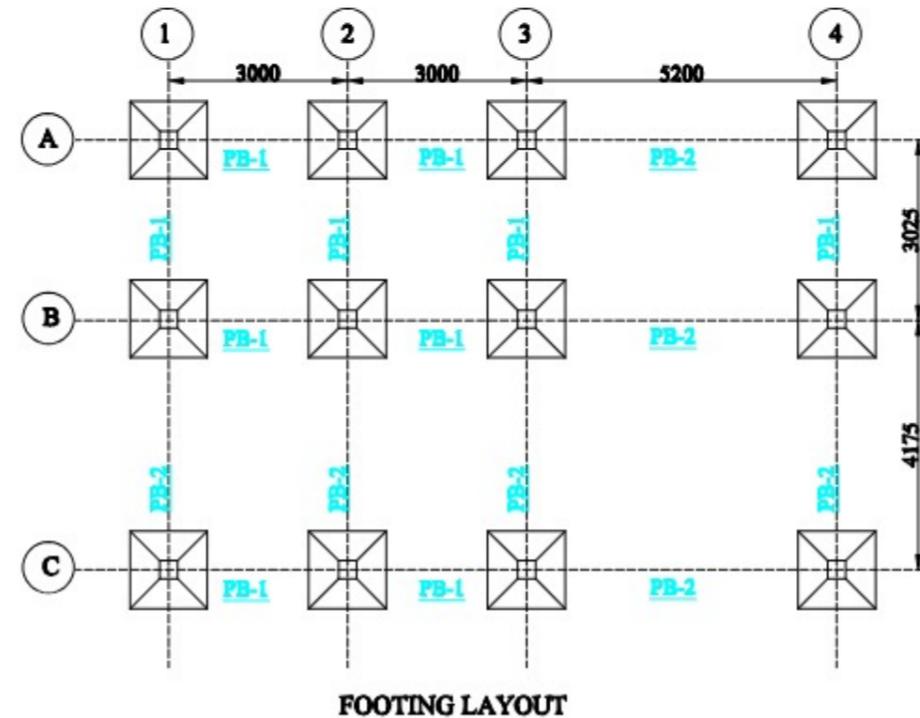
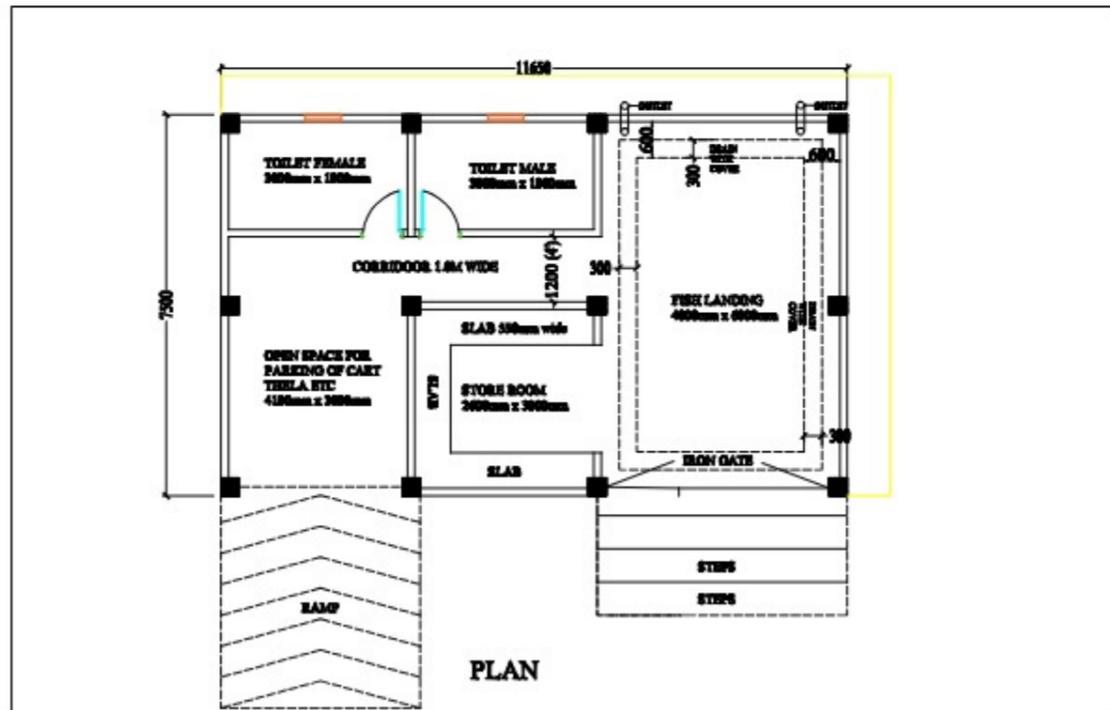
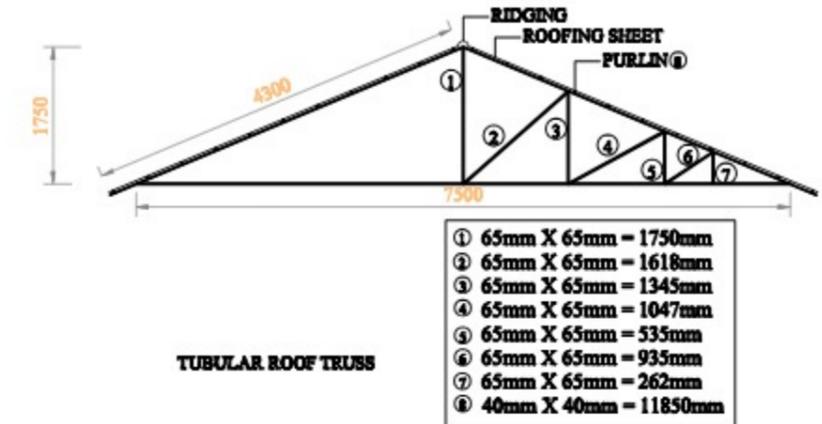
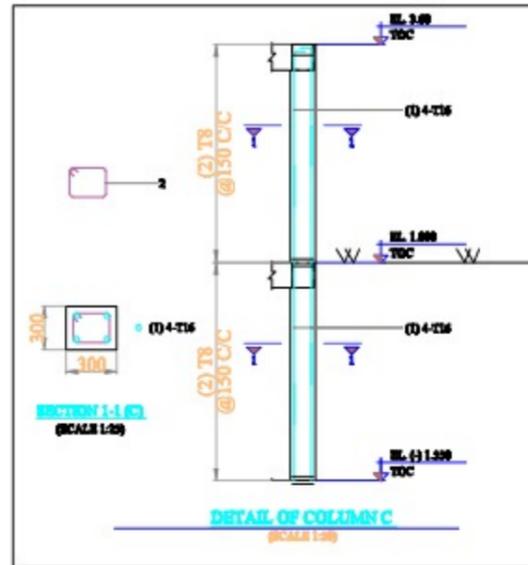
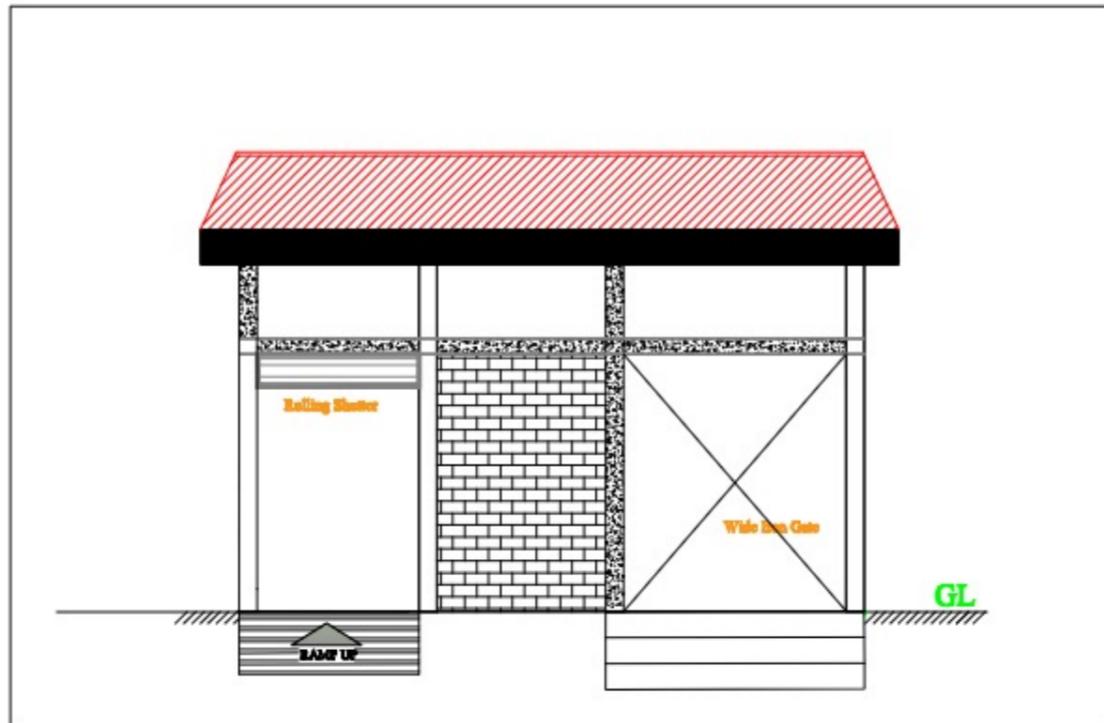
**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/04(G)

**DRAWING CONTENTS:** Community Hall cum  
 Wetland Information Centre

NOT TO SCALE

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**Assam Rural Infrastructure**  
**Agricultural Service Society**





**NOTE:**

1. COLUMN SIZE = 300MM X 300MM
2. PLINTH BEAM SIZE = 300MM X 350MM
3. BEAM SIZE ABOVE GL = 200MM X 250MM
4. SIZE OF LINTEL = 150MM X 150MM
5. SIZE OF WINDOW = 1.50M X 1.20M
6. SIZE OF DOOR = 0.75M X 1.80M

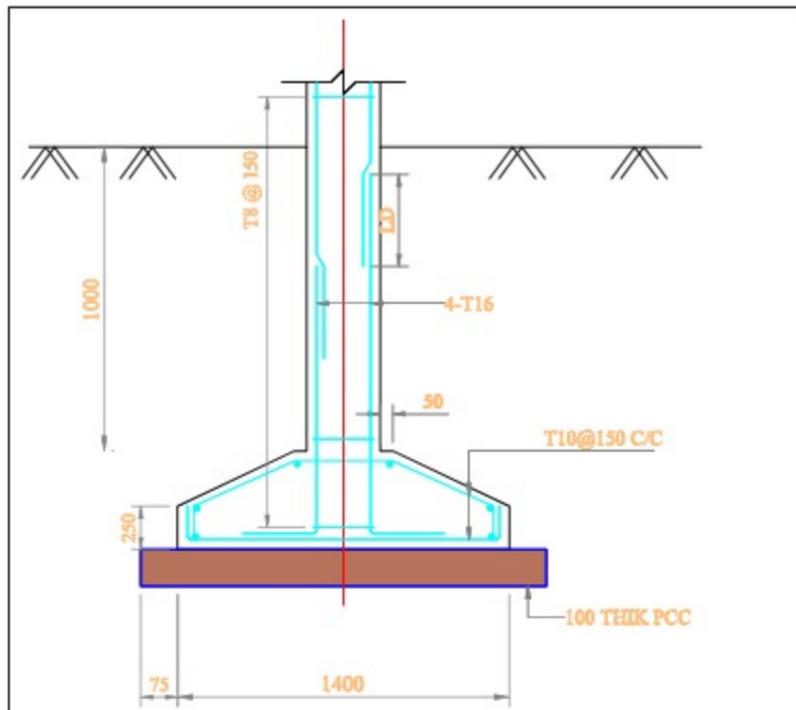
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**DRAWING :**  
 PLAN, ELEVATION & CS OF FISH  
 LANDING CENTRE

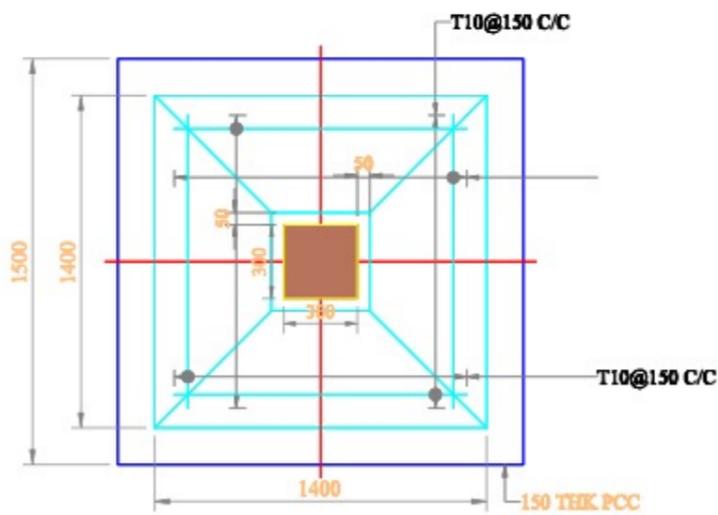
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 ASSAM/SWIFT/GR-08/SD/05(A)

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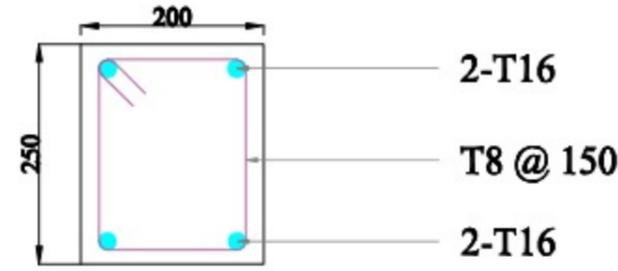
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



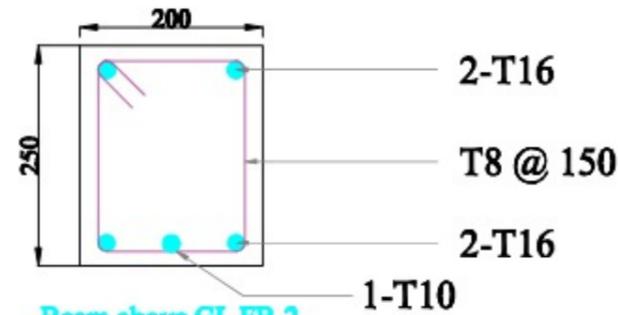
**SECTION 1-1  
DETAIL OF FOOTING**



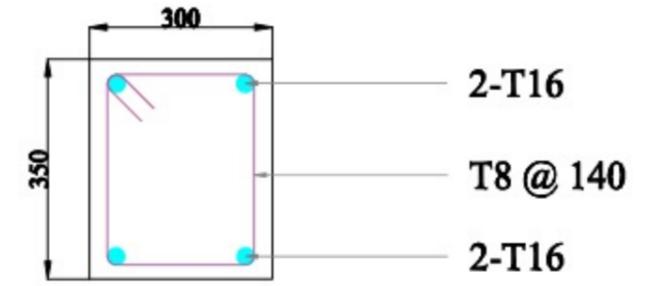
**FOOTING - PLAN**



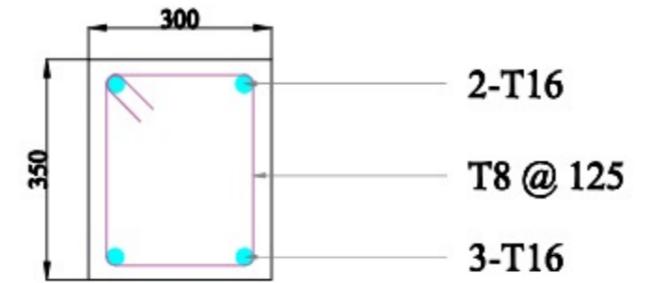
**Beam above GL, FB-1**



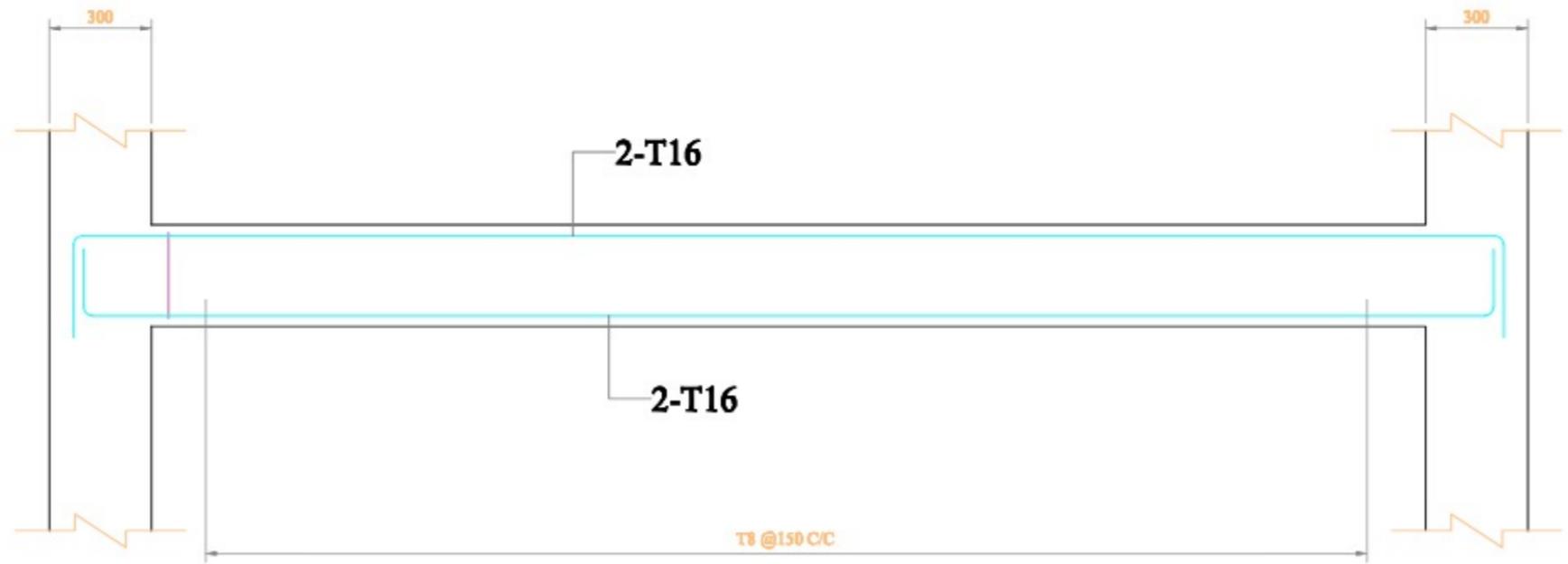
**Beam above GL, FB-2**



**Plinth Beam Section PB-1**



**Plinth Beam Section PB-2**



**BEAM: 300x350**

**(SCALE: H = 1:50 / V = 1:50)**

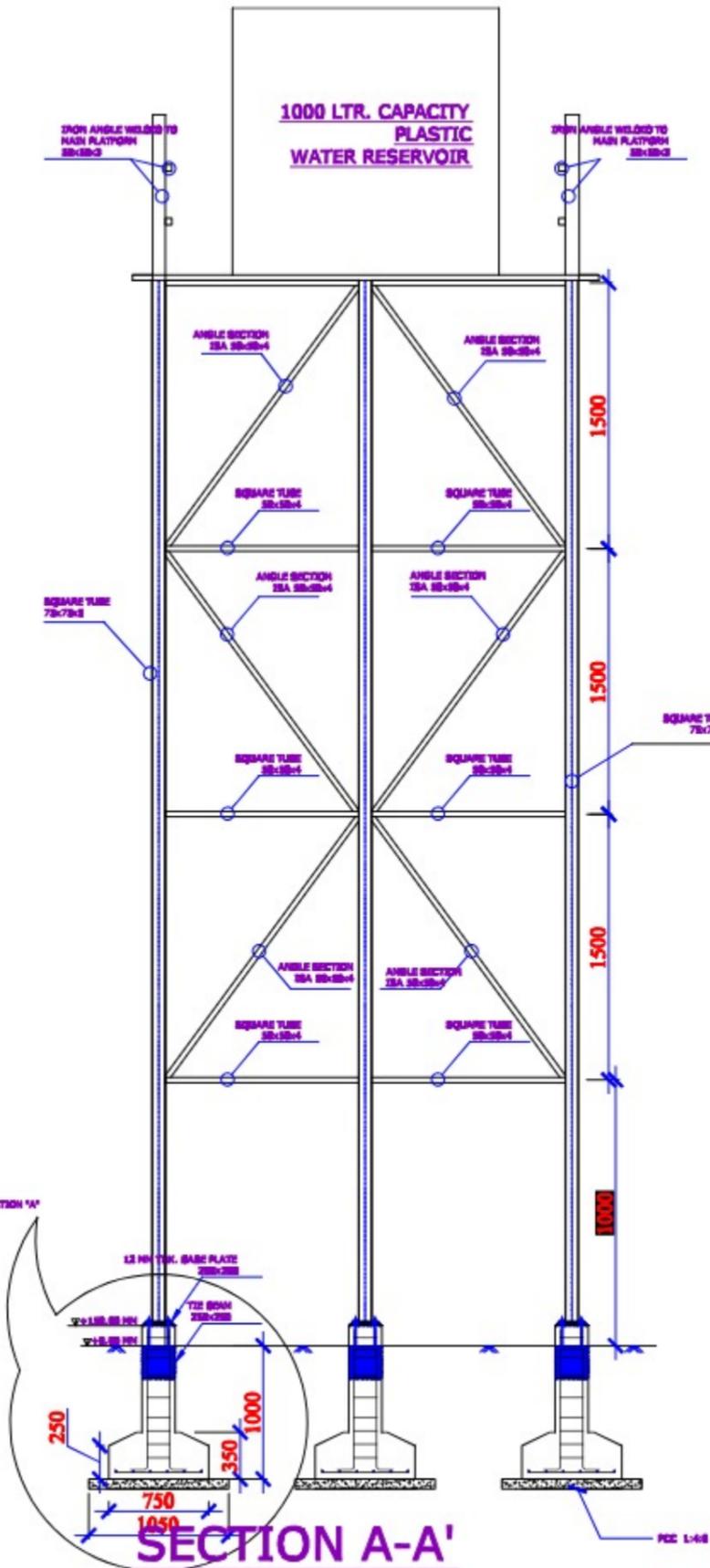
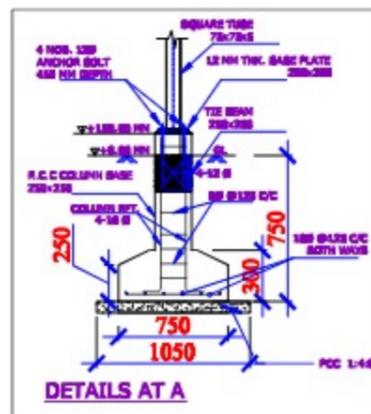
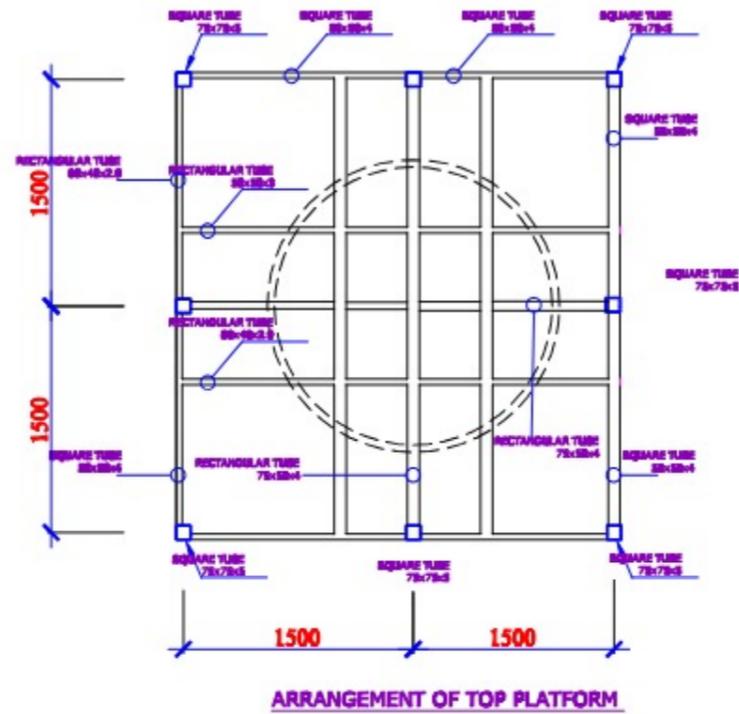
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**DRAWING :**  
**STRUCTURAL DETAILS OF  
FISH LANDING UNIT**

**DRAWING No. :**  
**ASSAM/SWIFT/GR-08/SD/05(B)**

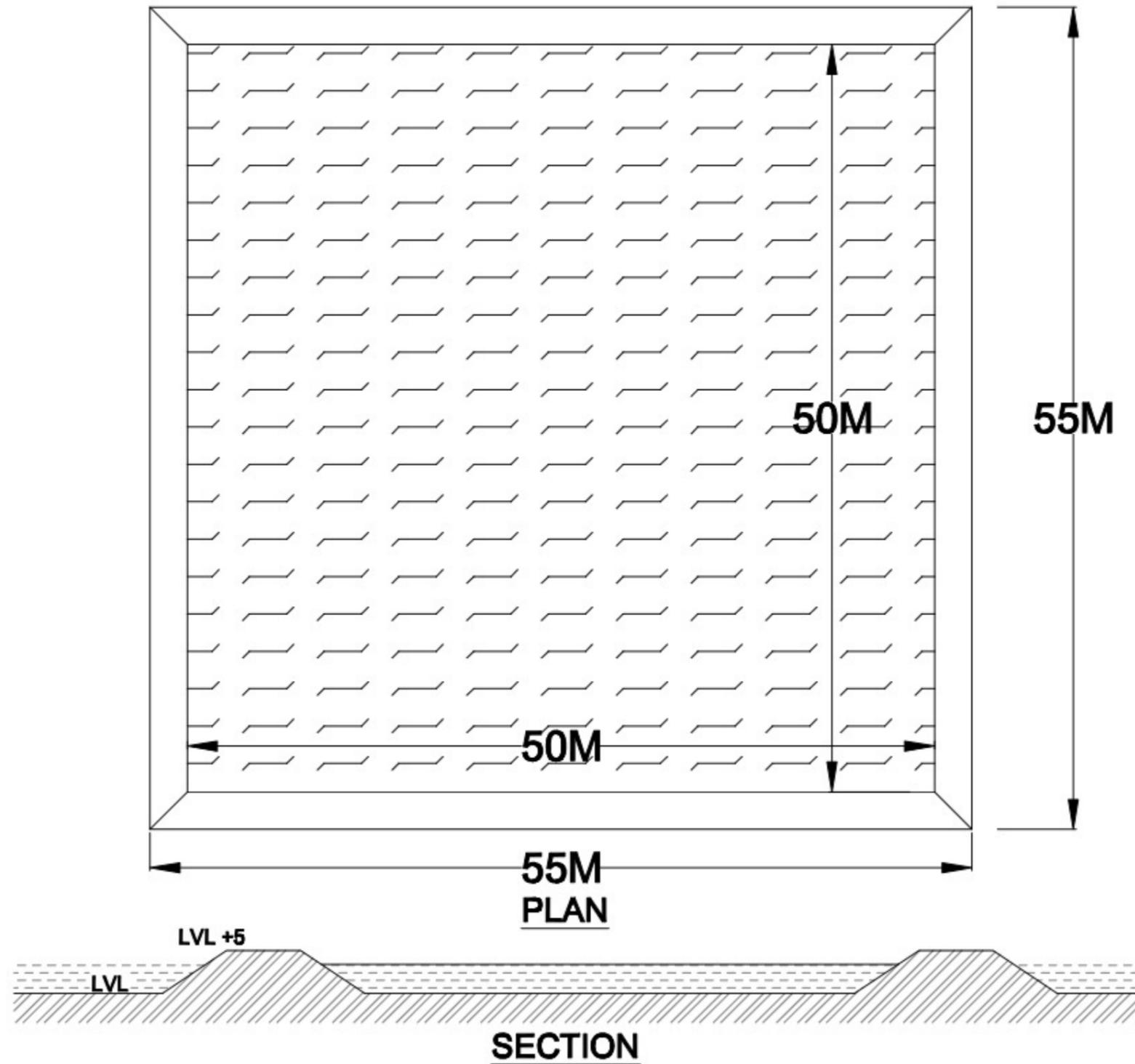
**NOT TO SCALE**

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**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



- NOTES :-**
1. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE MENTIONED.
  2. MINIMUM GRADE OF CONCRETE TO BE USED M20
  3. MINIMUM GRADE OF REINFORCEMENT TO BE USED Fe 500
  4. CLEAR COVER TO OUTER MOST REINFORCEMENT SHALL BE AS UNDER:-  
FOR FOOTING : 50mm.  
FOR TIE BEAM : 40mm

# TYPICAL PLAN & SECTION OF REARING TANK



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## DRAWING :

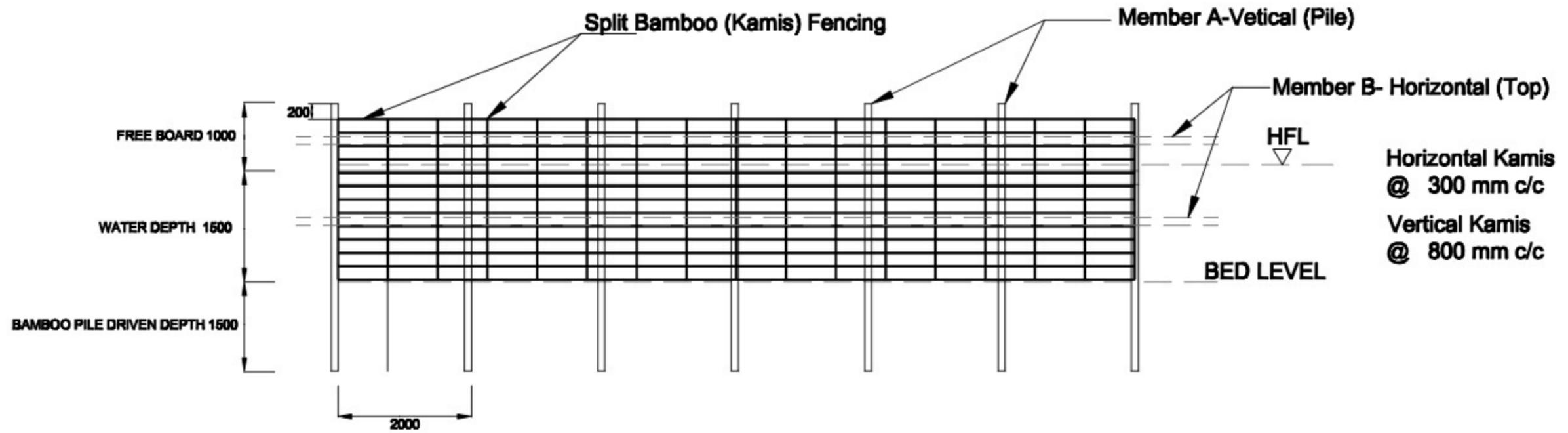
PLAN & TYP. CS OF REARING TANK

## DRAWING No. :

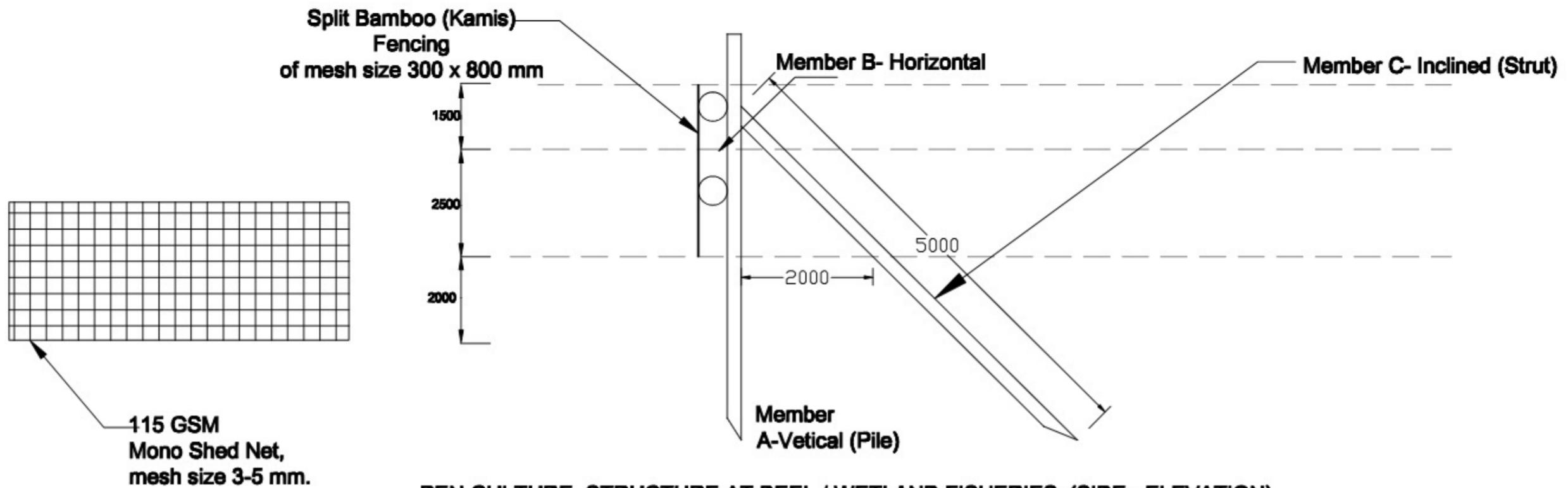
ASSAM/SWIFT/GR-08/SD/07

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**Assam Rural Infrastructure**  
**Agricultural Service Society**



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



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

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**DRAWING :**

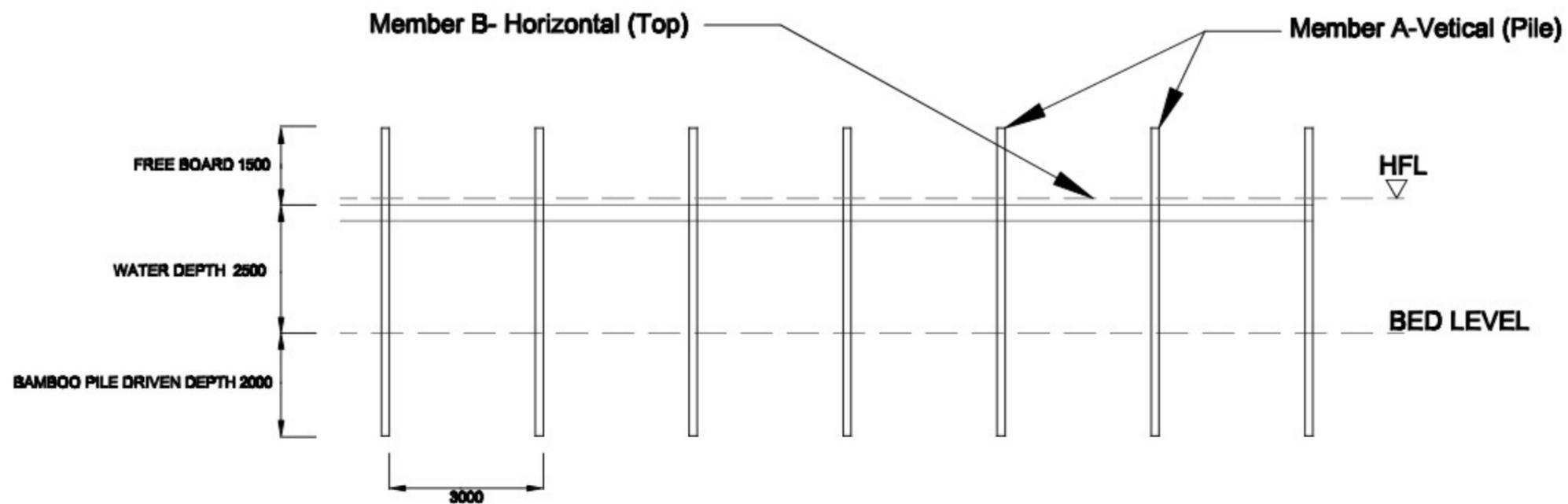
GENERAL ARRANGEMNT OF PEN CULTURE

**DRAWING No. :**

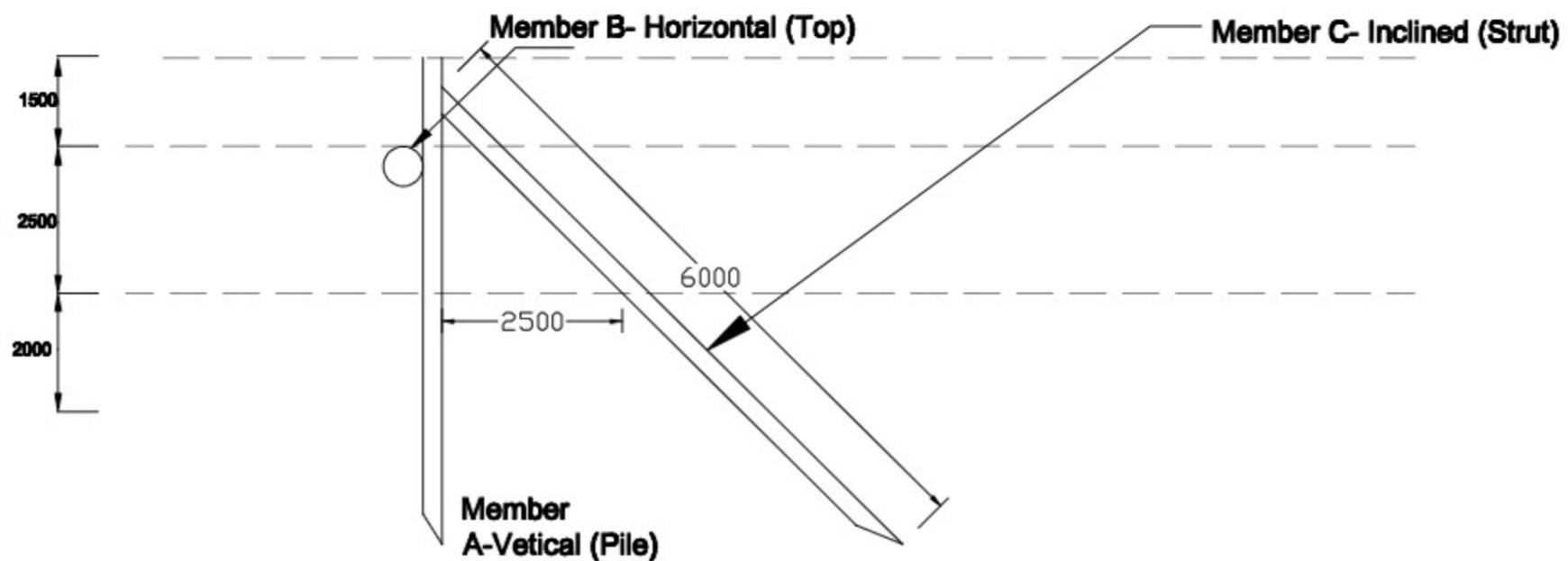
ASSAM/SWIFT/GR-08/SD/08

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**Assam Rural Infrastructure**  
**Agricultural Service Society**



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



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

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 JUBBARI, ASSAM, PIN-782202  
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**DRAWING :**

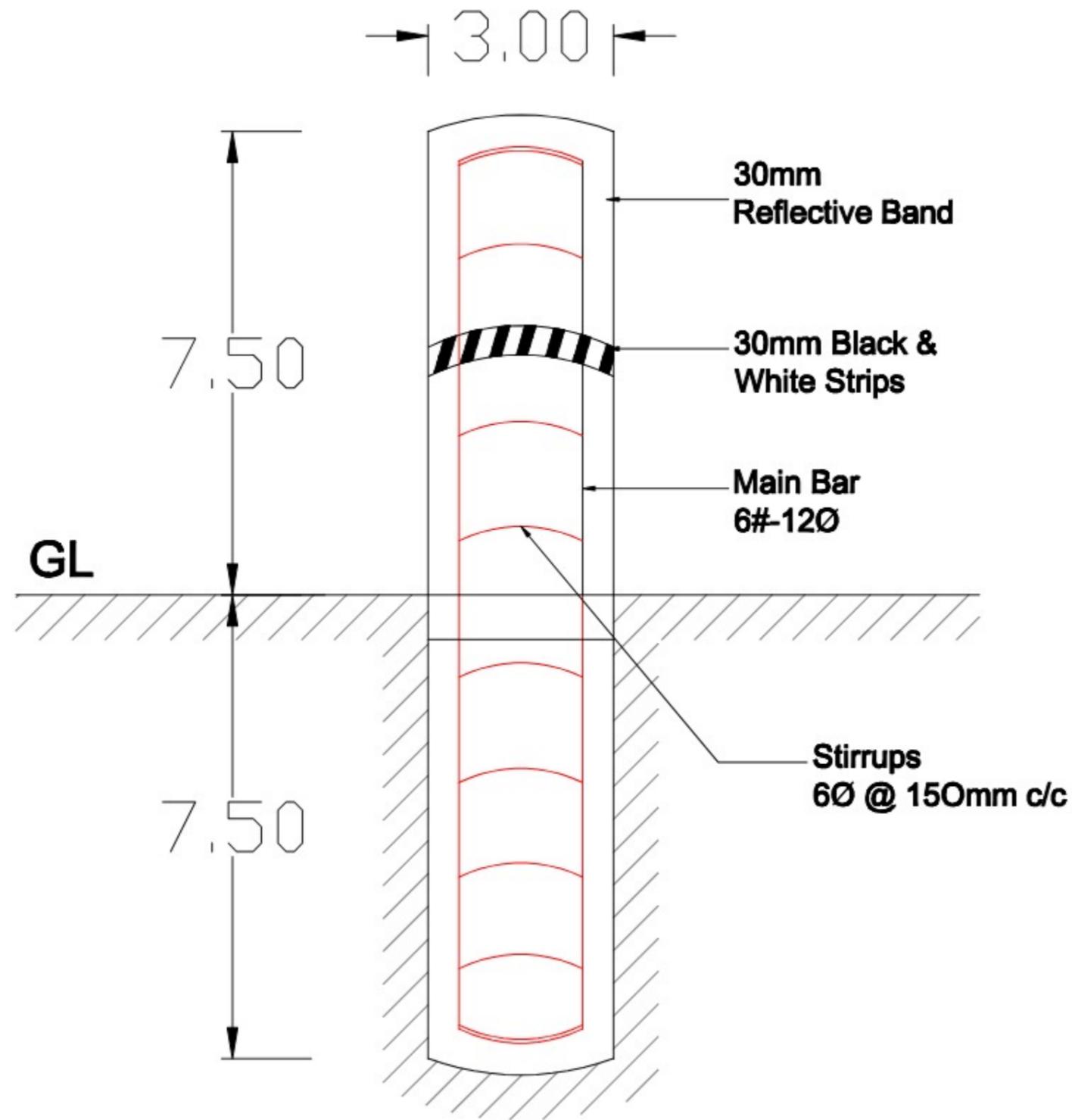
GENERAL ARRANGEMNT OF KATAL/JENG

**DRAWING No. :**

ASSAM/SWIFT/GR-08/SD/09

NOT TO SCALE

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**DRAWING :**

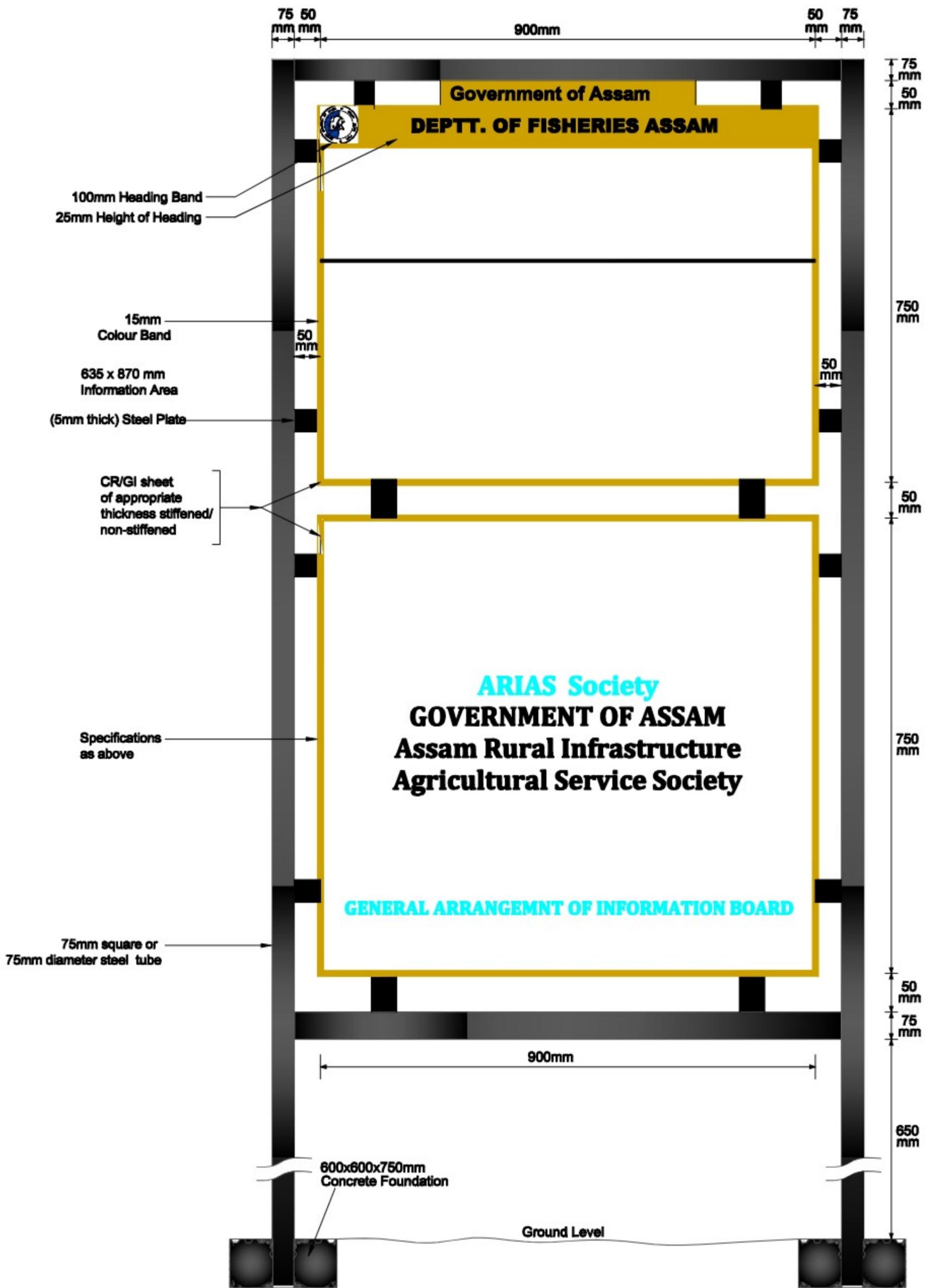
GENERAL ARRANGEMNT OF DEMARCATION  
 PILLAR

**DRAWING No. :**

ASSAM/SWIFT/GR-08/SD/10

NOT TO SCALE

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**DRAWING :**

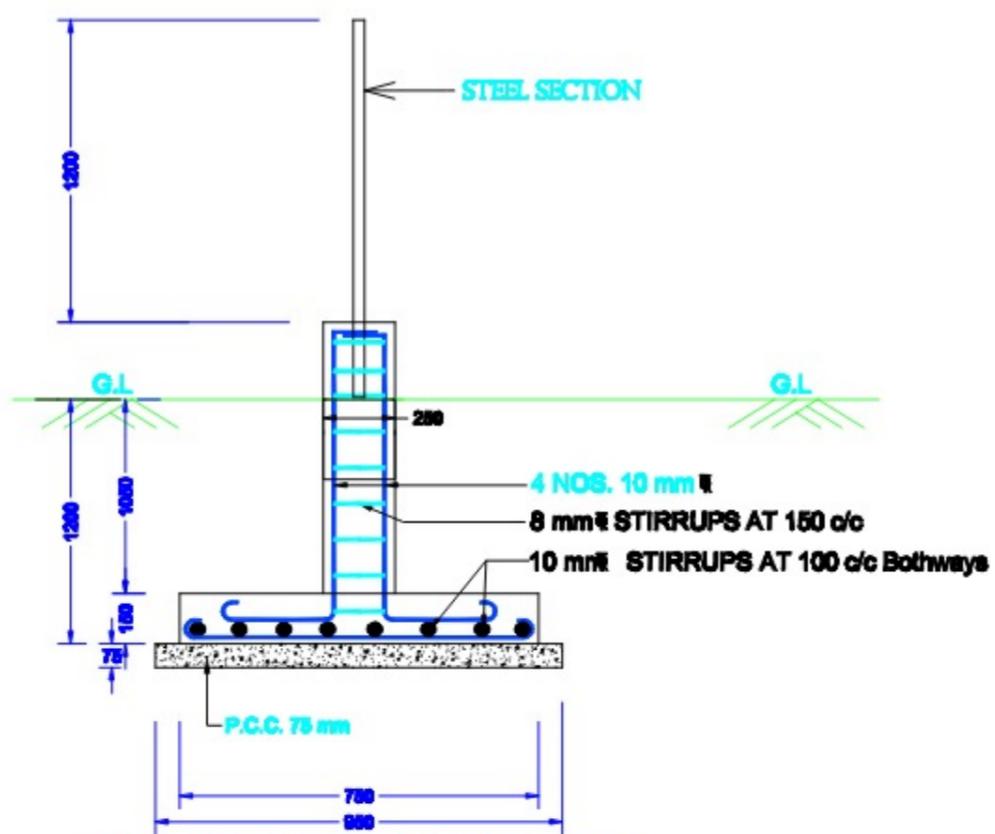
GENERAL ARRANGEMNT OF  
INFORMATION BOARD

**DRAWING No. :**

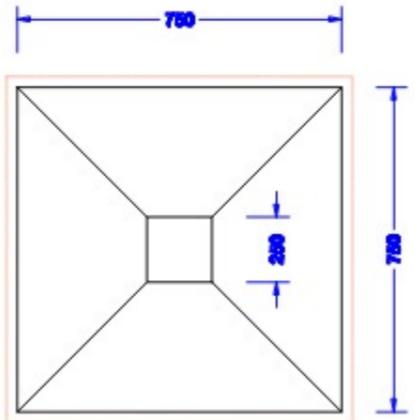
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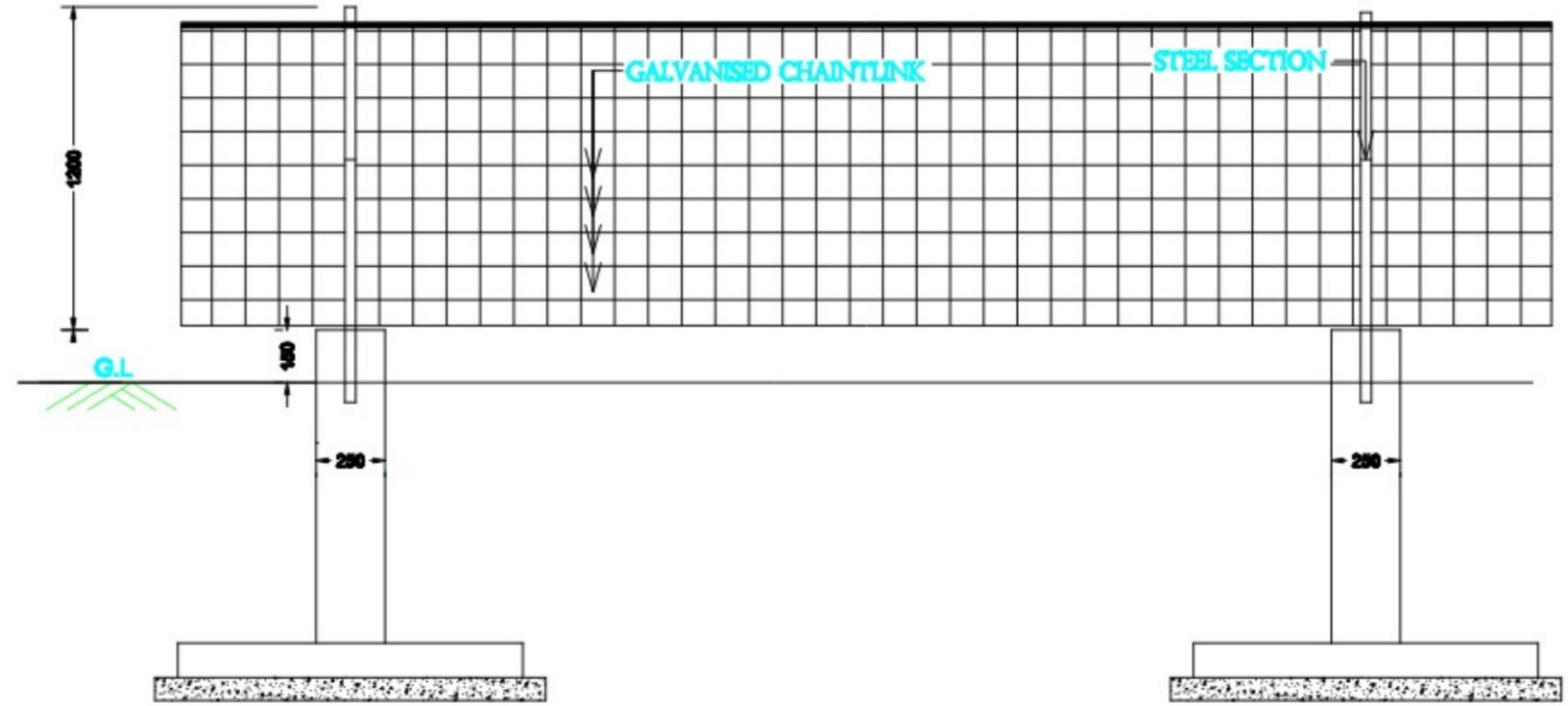
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



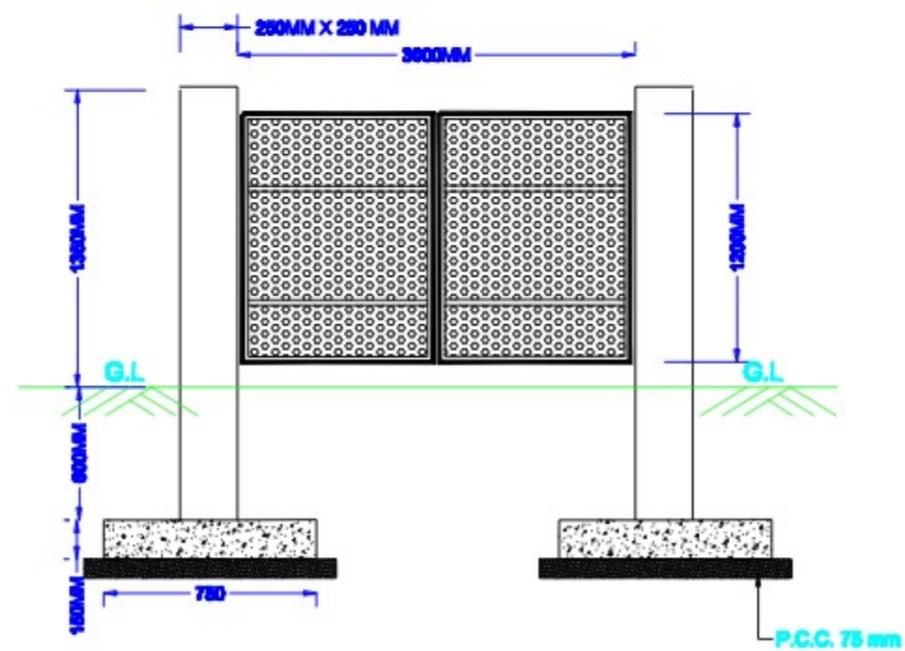
**DETAIL OF FOOTING & COLUMN**



**PLAN FOR FOUNDATION**



**ELEVATION OF FENCING**



**ELEVATION OF IRON GATE**

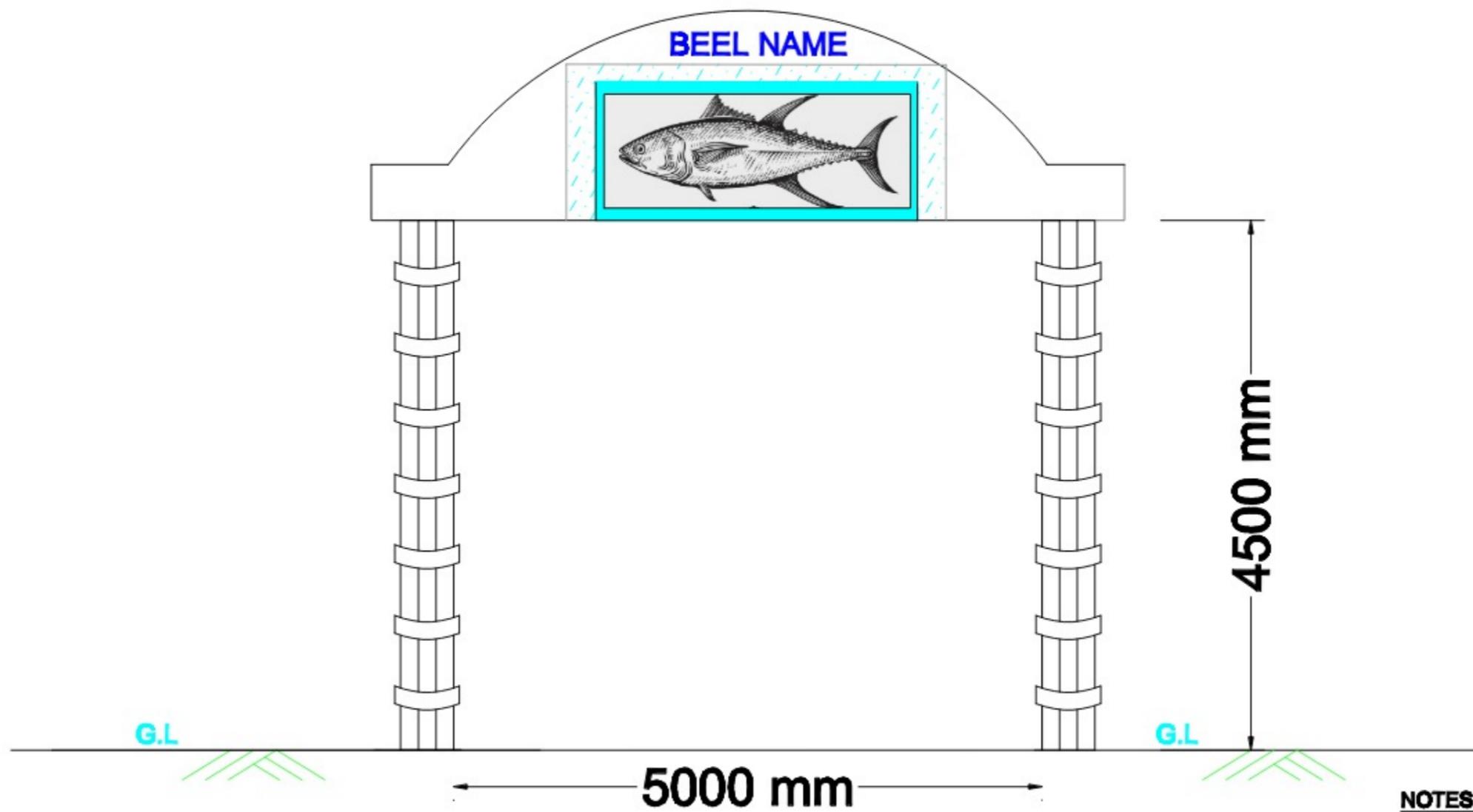
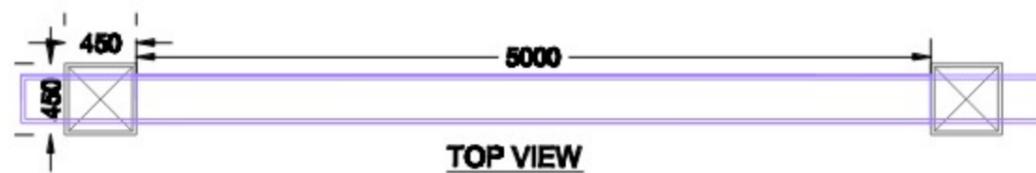
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 KARBI ANGLA, PIN CODE  
 Email: basicconsultant@gmail.com

**DRAWING :**  
**PLAN & CS OF FENCING WITH IRON GATE**

**DRAWING No. :**  
**ASSAM/SWIFT/GR-08/SD/12**

**NOT TO SCALE**

**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



- NOTES :-**
1. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE MENTIONED.
  2. PAINTING ITEMS ARE USED ON THE TOP WALL & BEAMSECTION
  3. 8MM THICK GRANITE STONE TILE WORK ARE PROVIDED AROUND THE COLUMN .

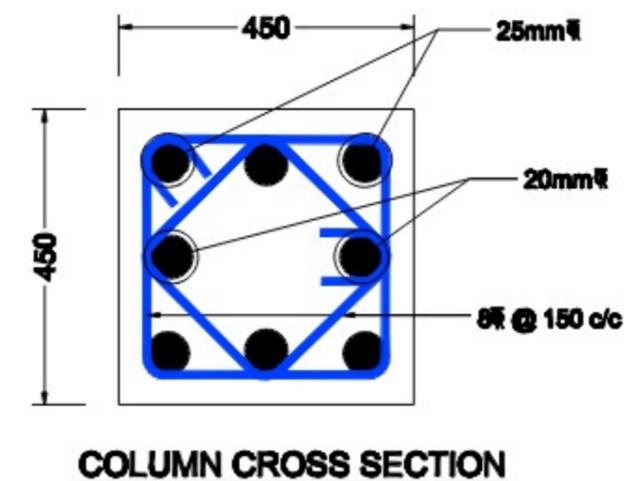
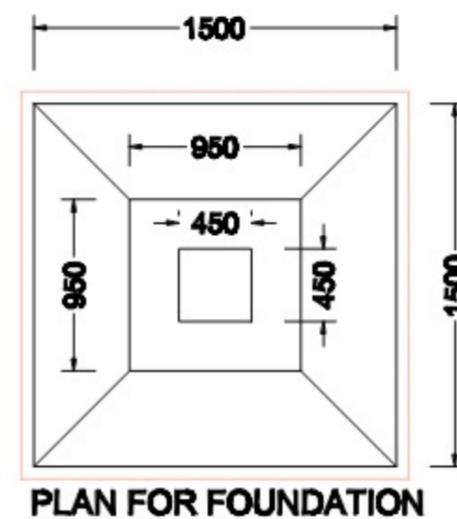
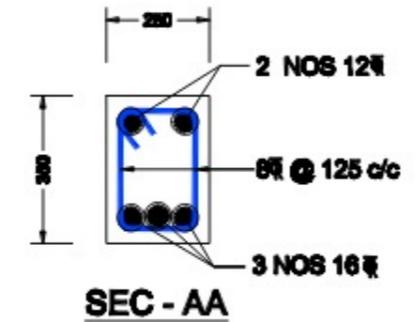
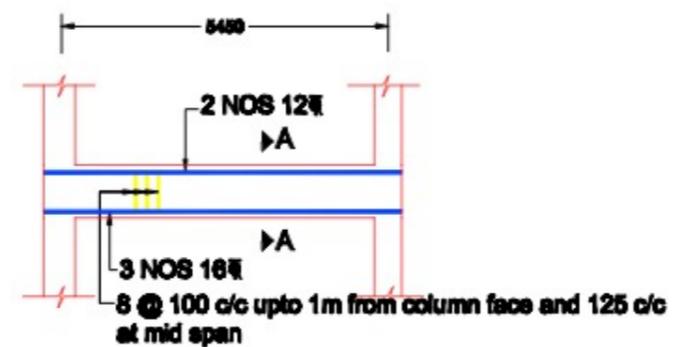
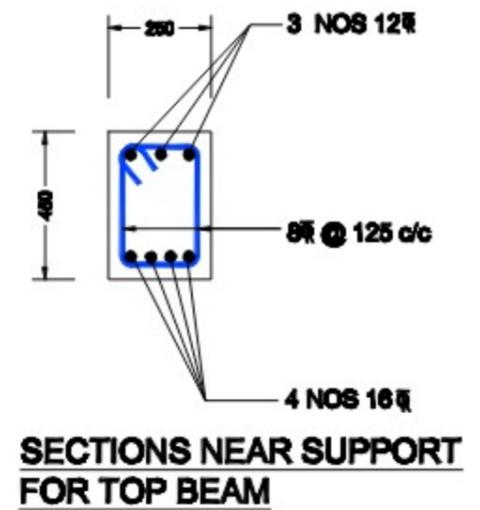
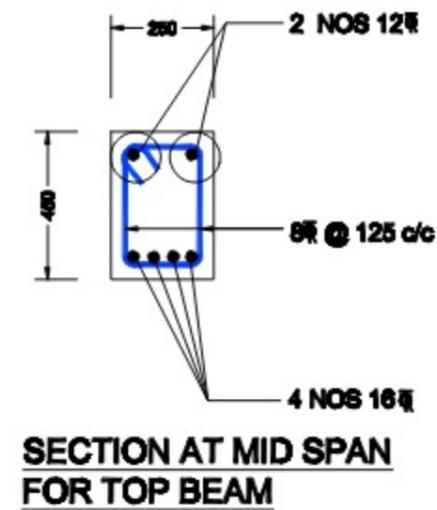
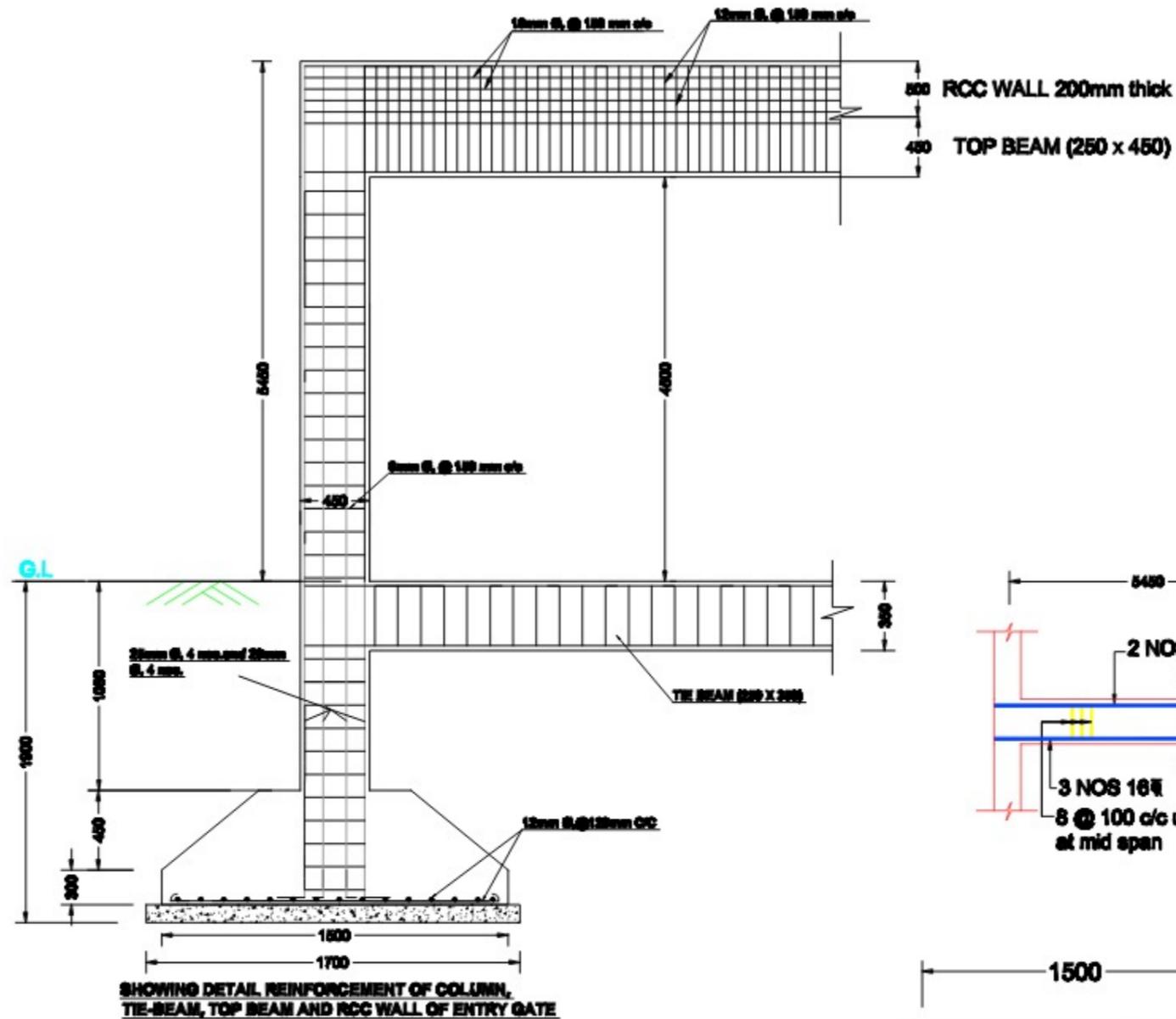
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**DRAWING :**  
**PLAN & ELEVATION OF**  
**ENTRY GATE**

**DRAWING No. :**  
**ASSAM/SWIFT/GR-07/SD/13(A)**

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**Agricultural Service Society**



**NOTES :-**

1. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE MENTIONED.
2. MINIMUM GRADE OF CONCRETE TO BE USED M20
3. MINIMUM GRADE OF REINFORCEMENT TO BE USED Fe 500
4. CLEAR COVER TO OUTER MOST REINFORCEMENT SHALL BE AS UNDER-  
FOR COLUMN : 40mm.  
FOR FOOTING : 50mm.  
FOR TIE BEAM : 40mm  
FOR LINTELS : 25mm

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DRAWING :  
**STRUCTURAL DETAILS OF ENTRY GATE**

DRAWING No. :  
ASSAM/SWIFT/GR-07/SD/13(B)

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