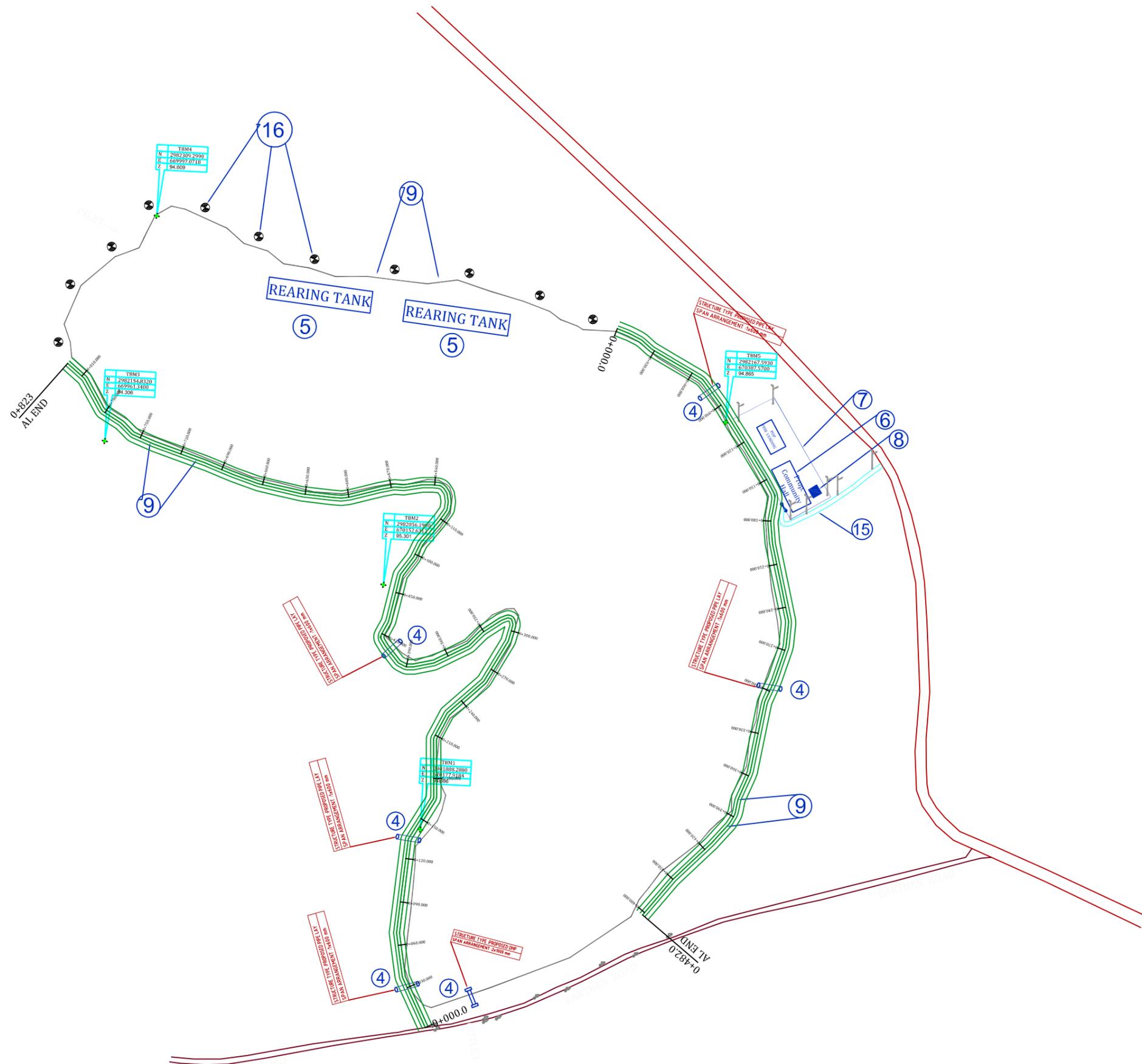
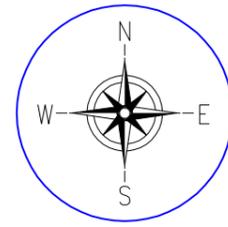


# ENGINEERING SURVEY & MAPS



**LEGEND :- PROPOSED**

PROPOSED HP CULVERT	
PROPOSED 600MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNDH	

**LEGEND TYPE:- EXISTING**

TBM	
BEEL BOUNDARY	
EXISTING ELECTRIC POLE	
EXT. EARTHEN ROAD	
EXT. BT ROAD	

**PROVISIONS:**

① WEED CLEARANCE	88169.978 SQM.
② PROPOSED DE SILTING VOLUME	16300.081 Cum
③ PROPOSED FISH LANDING	1 NOS. (11.65 M x 7.50 M)
④ PROPOSED CULVERT	6 NOS.
⑤ PROPOSED REARING TANK	2 NOS. (0.15 Ha each)
⑥ PROPOSED COMMUNITY HALL CUM	1 NOS.
⑦ WETLAND INFORMATION CENTRE	(14.76 M x 13.60 M)
⑧ PROP. BOUNDARY FENCING	194 M WITH IRON GATE. 2 NOS.
⑨ PROP. STEEL OVER HEAD TANK (1000LTR)	1 NOS.
⑩ PROPOSED PERIPHERAL BUND	1305 M.
⑪ PROPOSED SOLAR LAMP	7 NOS.
⑫ PROPOSED KATAL/JENG	4 NOS. (0.20 Ha each)
⑬ PROPOSED PEN CULTURE	6 NOS.
⑭ PROPOSED BAMBOO PARTITION	1 NOS. (110 M)
⑮ PROPOSED INFORMATION BOARD	2 NOS. (WIDTH-1.025M x HEIGHT-2.45 M)
⑯ PROPOSED APPROACH ROAD	90 M.
⑰ DEMARCATION PILLAR	15 NOS.

**FUTURE PROVISIONS:**

⑱ PROPOSED PONTOON FOOTBRIDGE	.....
⑲ PROPOSED VERMI COMPOSED UNIT	.....
⑳ PROPOSED ECO TOURISM	.....
㉑ PROPOSED AQUA CULTURE	.....

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**NAME OF THE BEEL:-**  
**HATIHURIA BEEL**

**SCALE :- 1:1000**

**DISTRICT:-**  
**SIVSAGAR**

**AREA (Ha):-**  
**10.28 Ha**

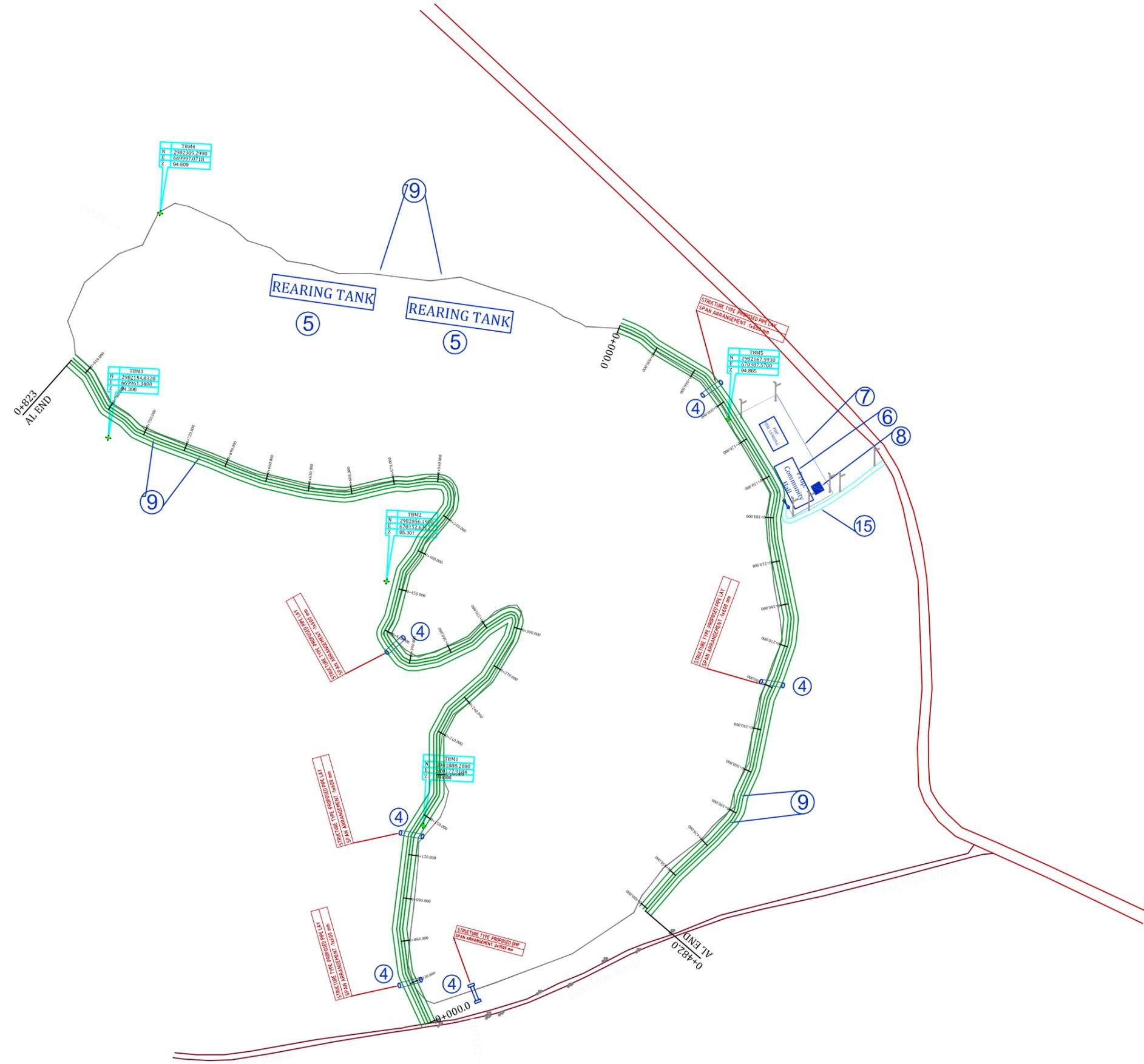
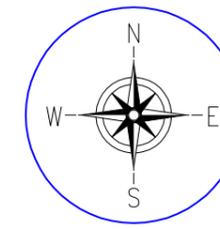
**DRAWING NO :-**  
**ASSAM/SWIFT/GR-08/PLAN/01**

**PROJECT TITLE:**  
**SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT**

**DWG TITLE:**  
**MASTER PLAN LAYOUT OF HATIHURIA BEEL**



<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>



**LEGEND :- PROPOSED**

PROPOSED HP CULVERT	
PROPOSED 600MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNDH	

**LEGEND TYPE:- EXISTING**

TBM	
BEEL BOUNDARY	
EXISTING ELECTRIC POLE	
EXT. EARTHEN ROAD	
EXT. BT ROAD	

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 email:-basicconsultant99@gmail.com

**NAME OF THE BEEL:-**  
**HATHIHURIA BEEL**

**SCALE :- 1:1000**

**DISTRICT:-**  
**SIVSAGAR**

**AREA (Ha):-**  
**10.28 Ha**

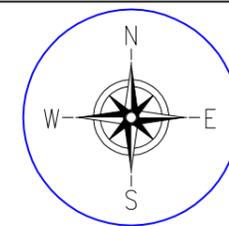
DRAWING NO :-  
 ASSAM/SWIFT/GR-08/PLAN/02

**PROJECT TITLE:**  
**SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT**

**DWG TITLE:**  
**LAYOUT PLAN OF HATHIHURIA BEEL**



<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.



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**NAME OF THE BEEL:-**  
 HATIHURIA BEEL

**DISTRICT:-**  
 SIVSAGAR

**AREA (Ha):-**  
 10.28 Ha

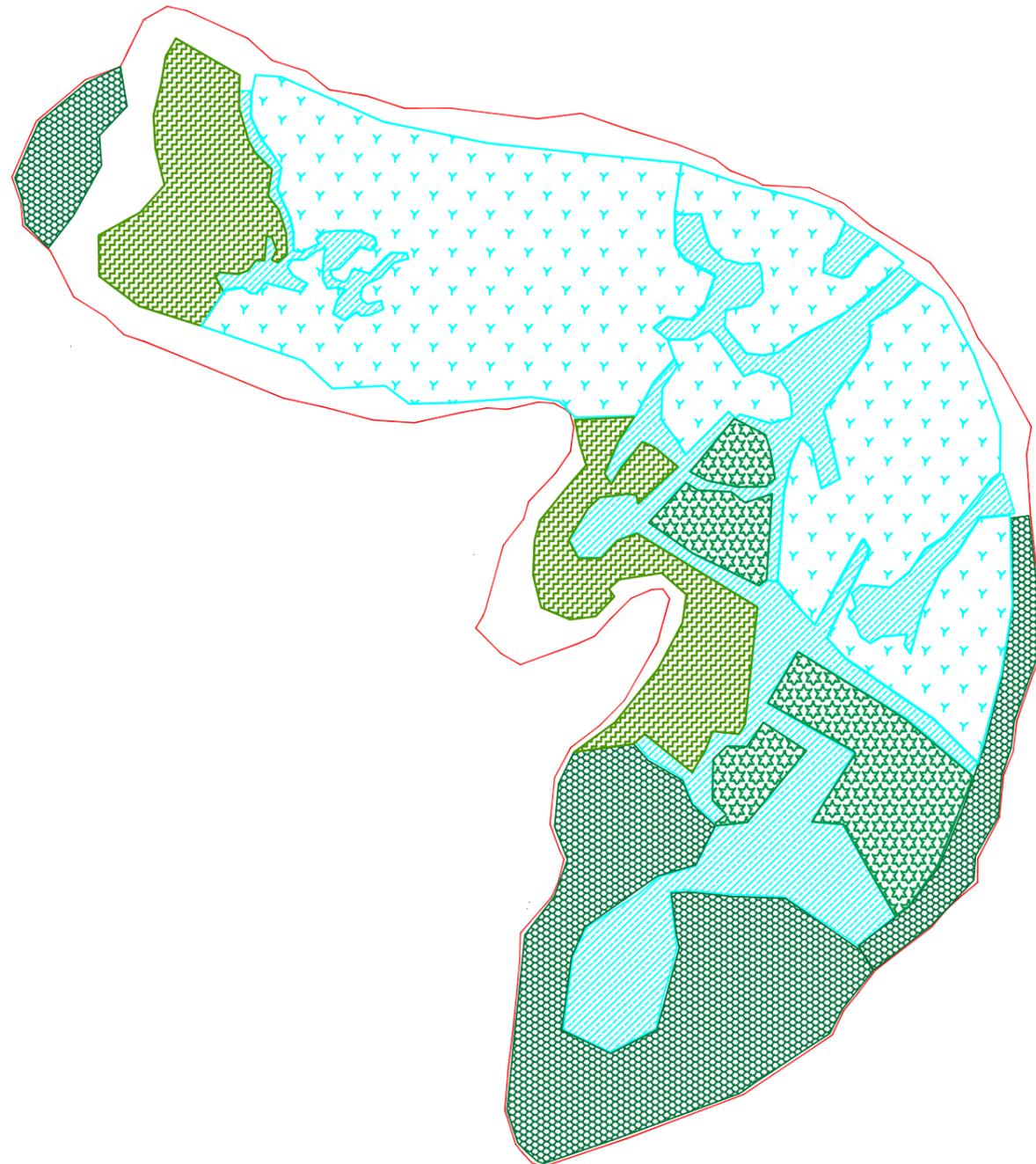
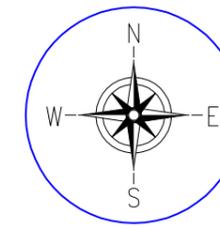
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 SUSTAINABLE WETLANDS AND INTEGRATED  
 FISHERIES TRANSFORMATION (SWIFT)  
 PROJECT

**DWG TITLE:**  
 DRONE SURVEY MAP OF  
 HATIHURIA BEEL



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

DRAWING NO :-  
 ASSAM/SWIFT/GR-08/PLAN/03



**LEGEND :-**

Thin and floating water etc	
Thick and floating weeds etc	
Medium and floatinng etc	
Heavy and floating etc	
CLEAR WATER AREA	

TOTAL AREA=88169.978 Sqm

**AREA DETAILS**

SL.NO	DESCRIPTION	AREA( Sq. m)
(A)	Thin and floating water hyacinths and other aquatic weeds etc.	44153.420 SQ M
(B)	Thick and floating water hyacinths and other aquatic weeds etc.	13377.221 SQ M
(C)	Thick and floating Taranies,Dalanies, Pitanies and other marginal aquatic weeds etc. upto a depth of 50 cm.	0.00 SQ M
(D)	Medium and floatinng Taranies,Dalanies, Pitanies and other marginal aquatic weeds etc. upto a depth of 50 cm to 80 cm	8867.155 SQ M
(E)	Heavy and floating Taranies,Dalanies, Pitanies and other marginal aquatic weeds etc. upto a depth of 80 cm to 120 cm	21772.182 SQ M
(F)	CLEAR WATER AREA	20334.608 SQ M

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**NAME OF THE BEEL:-**  
 HATIHURIA BEEL  
  
**SCALE :- 1:1000**

**DISTRICT:-**  
 SIVSAGAR  
  
**AREA (Ha):-**  
 10.28 Ha  
  
**DRAWING NO :-**  
 ASSAM/SWIFT/GR-08/PLAN/04

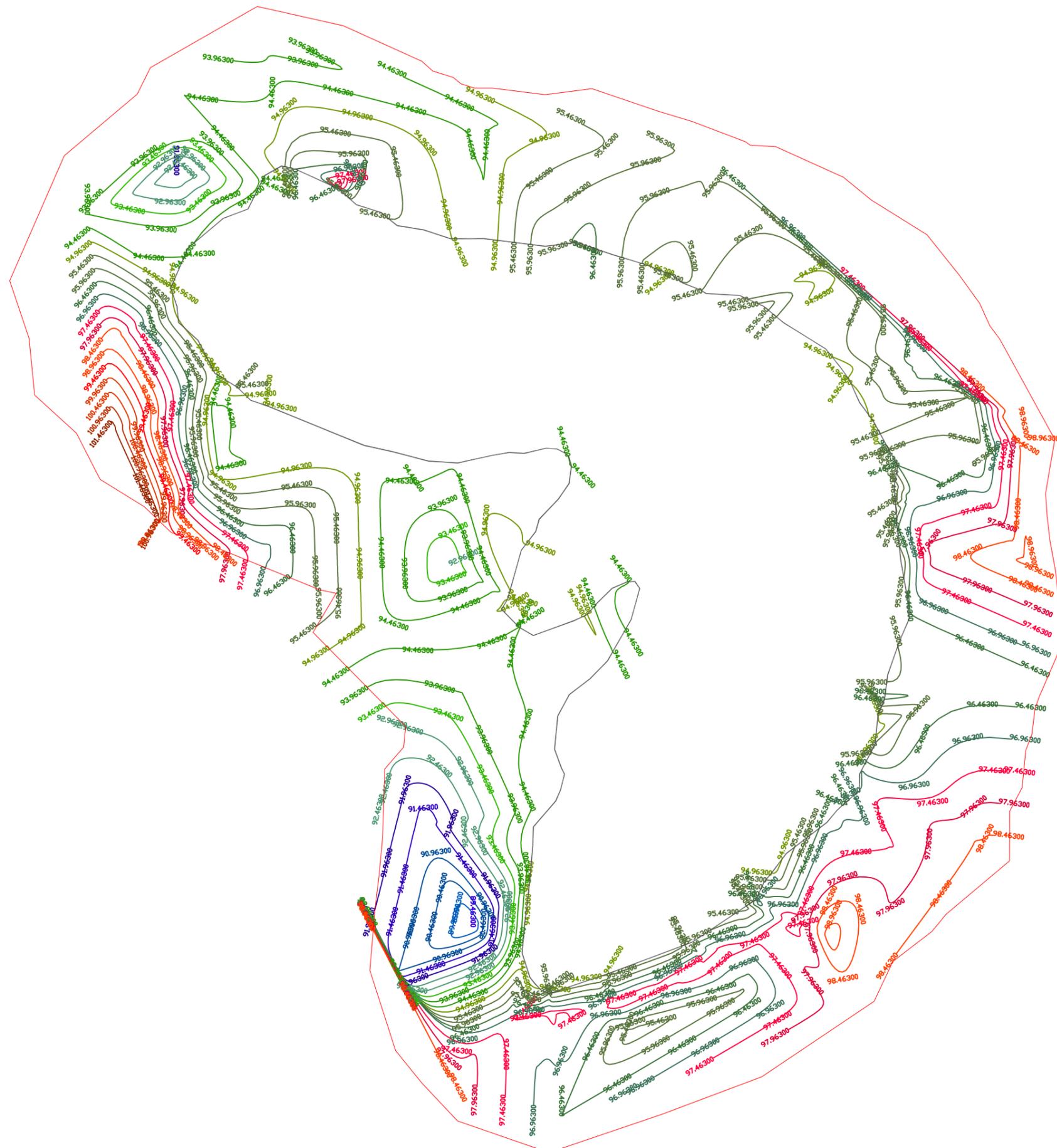
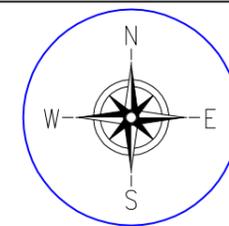
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 SUSTAINABLE WETLANDS AND INTEGRATED  
 FISHERIES TRANSFORMATION (SWIFT)  
 PROJECT

**DWG TITLE:**  
 DE WEEDING MAP OF  
 HATIHURIA BEEL



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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**NAME OF THE BEEL:-**  
**HATHIHURIA BEEL**

**SCALE :- 1:1000**

**DISTRICT:-**  
**SIVSAGAR**

**AREA (Ha):-**  
**10.28 Ha**

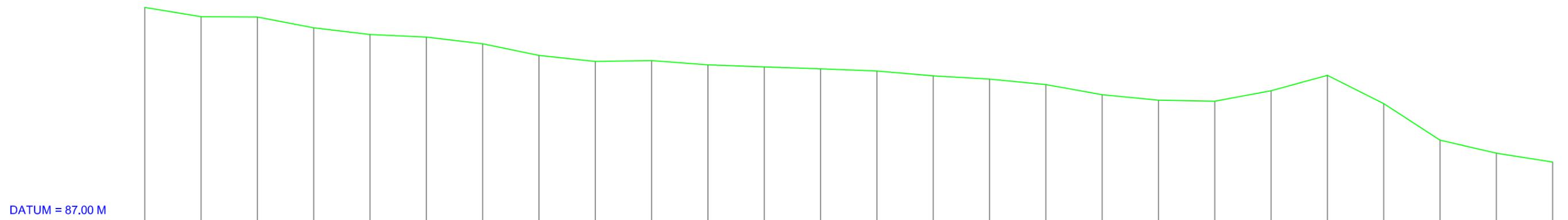
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**PROJECT TITLE:**  
**SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT**

**DWG TITLE:**  
**TOPOGRAPHIC CONTOUR MAP OF HATHIHURIA BEEL**



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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CHAINAGE	0.00000	20.00000	40.00000	60.00000	80.00000	100.00000	120.00000	140.00000	160.00000	180.00000	200.00000	220.00000	240.00000	260.00000	280.00000	300.00000	320.00000	340.00000	360.00000	380.00000	400.00000	420.00000	440.00000	460.00000	480.00000	500.00000

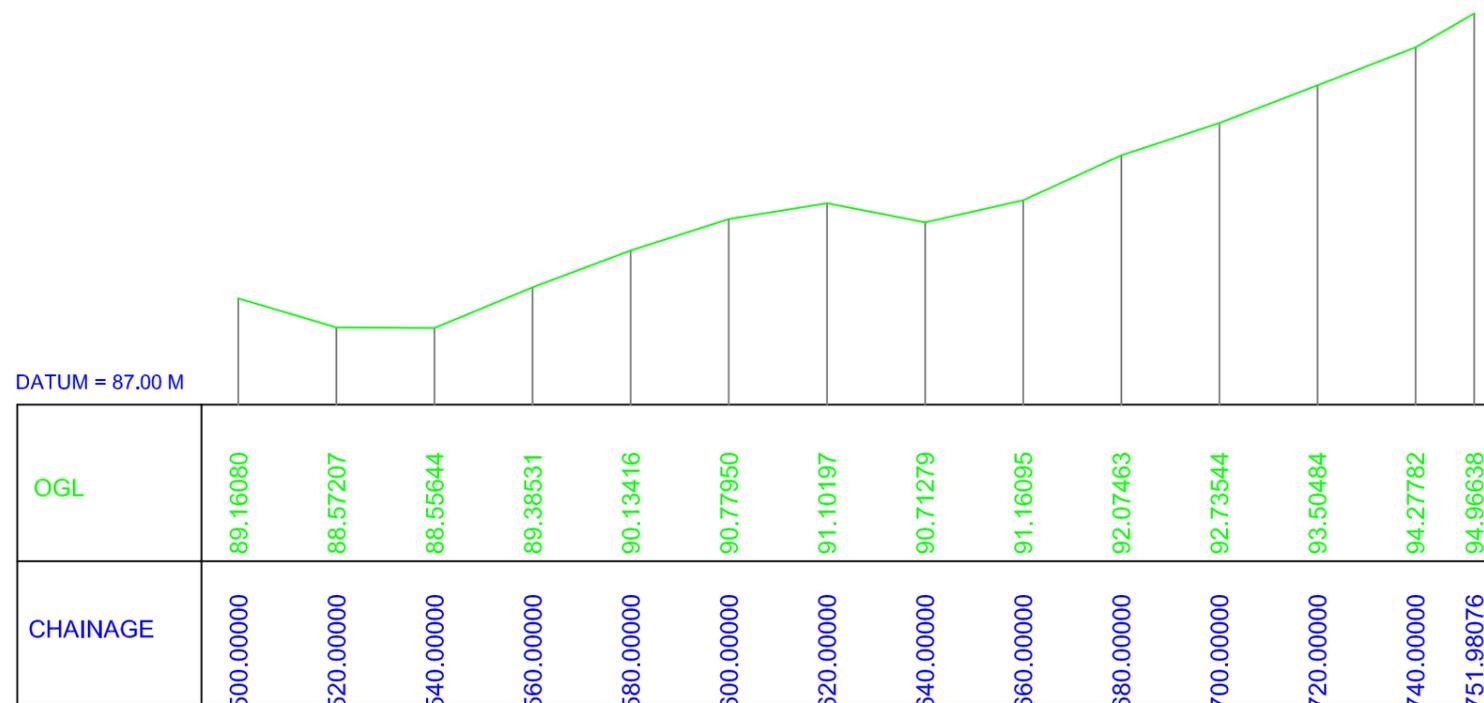
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**Name of Work:-**  
**Hatihuria Beel in Sivsagar District : Conservation, Restoration and**  
**Rejuvenation under Assam SWIFT Project.**

**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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**Name of Work:-**  
**Hatihuria Beel in Sivsagar District : Conservation, Restoration and**  
**Rejuvenation under Assam SWIFT Project.**

**DRAWING :**

LONGITUDINAL PROFILE OF BEEL

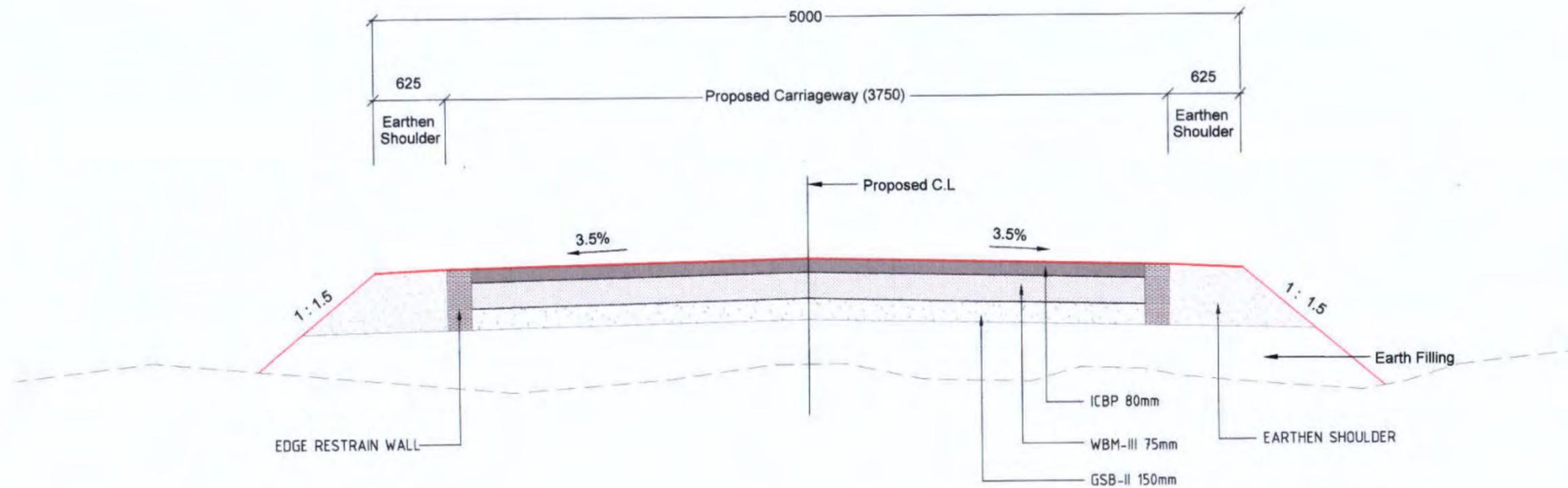
DRAWING NO

ASSAM/SWIFT/GR-08/PLAN/07-B

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

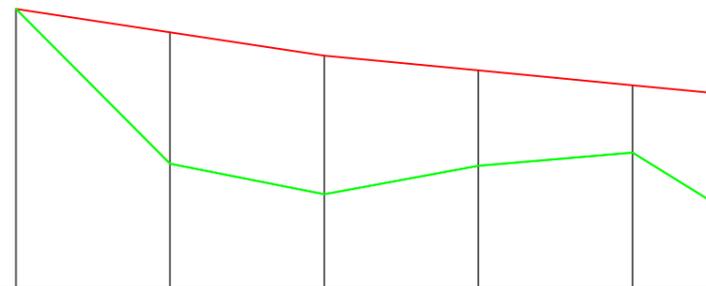
# STANDARD DRAWINGS

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TYPICAL CROSS SECTION FOR APPROACH ROAD

DATUM = 95.00 M



FRL	98.610	98.308	98.006	97.814	97.622	97.516
OGL	98.610	96.606	96.211	96.578	96.747	96.068
CHAINAGE	0.000	20.000	40.000	60.000	80.000	91.000
FRL Gradient	-1/66.268 → -1/103.929 →					

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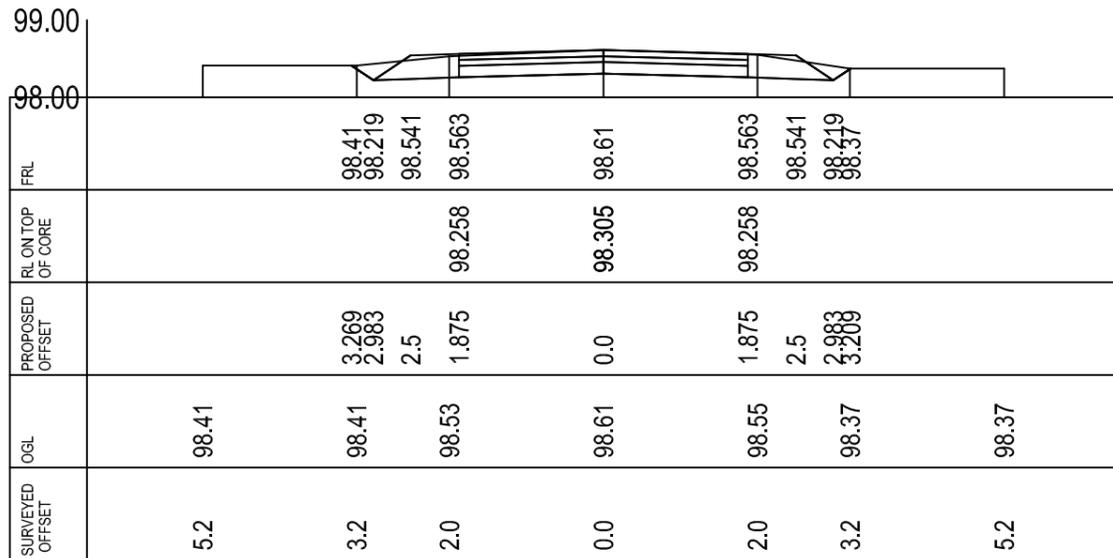
**Name of Work:-**  
**Hatihuria Beel in Sivsagar District : Conservation, Restoration and**  
**Rejuvenation under Assam SWIFT Project.**

**DRAWING :**  
 LONGITUDINAL PROFILE OF  
 APPROACH ROAD

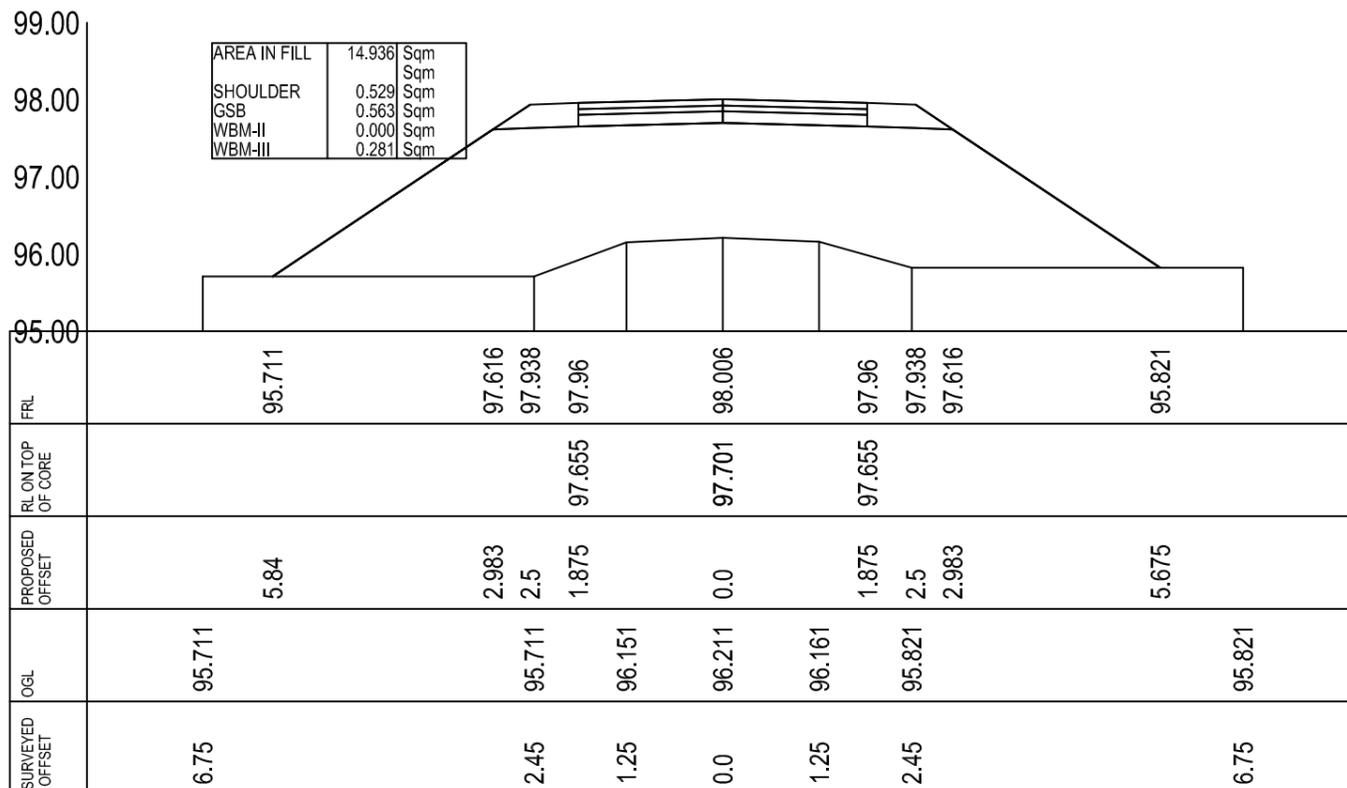
DRAWING NO  
**ASSAM/SWIFT/GR-08/SD/01(A)**

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

AREA IN FILL	0.000	Sqm
SHOULDER	0.529	Sqm
GSB	0.563	Sqm
WBM-II	0.000	Sqm
WBM-III	0.281	Sqm

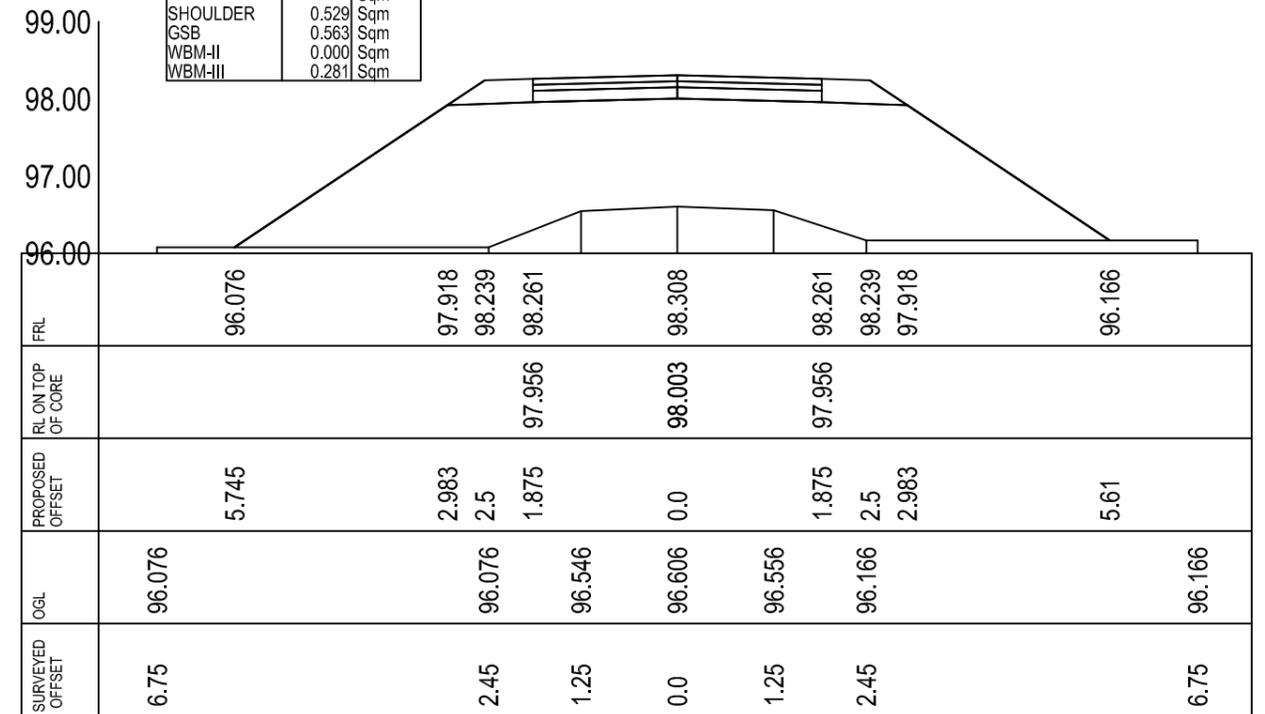


CROSS-SECTION AT CH- 0.0

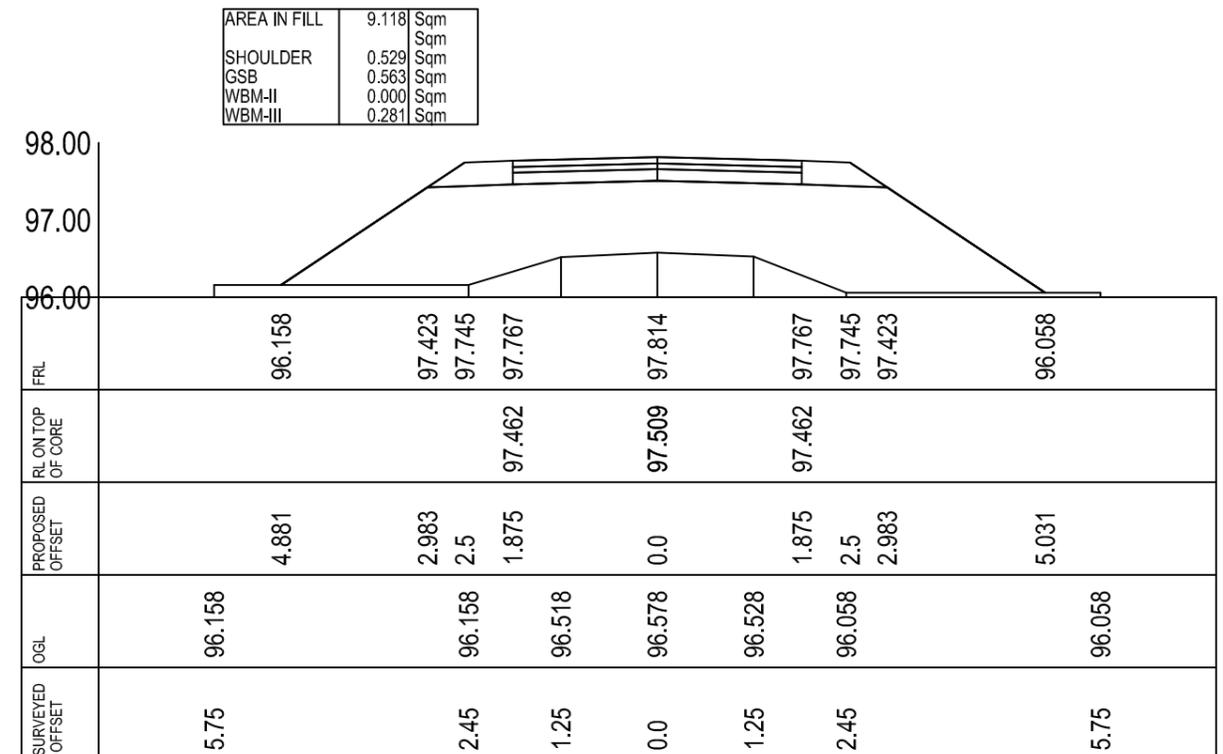


CROSS-SECTION AT CH- 40.0

AREA IN FILL	14.179	Sqm
SHOULDER	0.529	Sqm
GSB	0.563	Sqm
WBM-II	0.000	Sqm
WBM-III	0.281	Sqm



CROSS-SECTION AT CH- 20.0



CROSS-SECTION AT CH- 60.0

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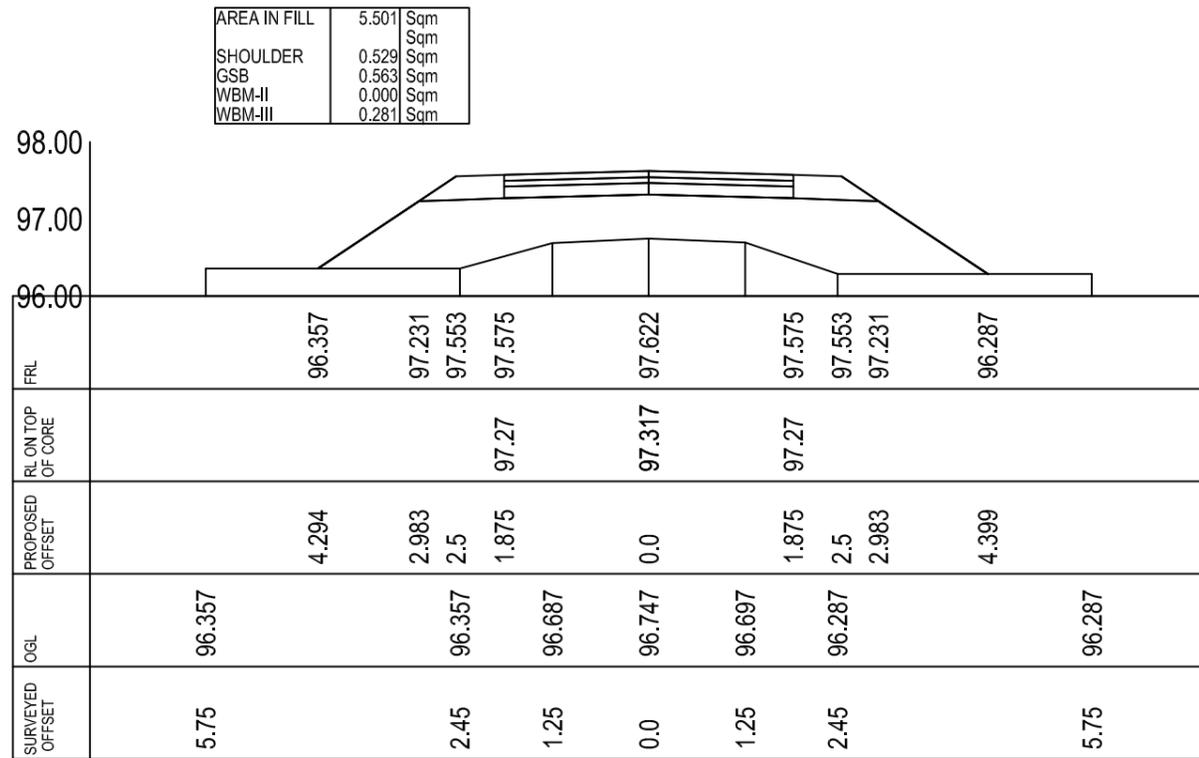
**Regd. Office Address**  
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**Name of Work:-**  
**Hatihuria Beel in Sivsagar District : Conservation, Restoration and**  
**Rejuvenation under Assam SWIFT Project.**

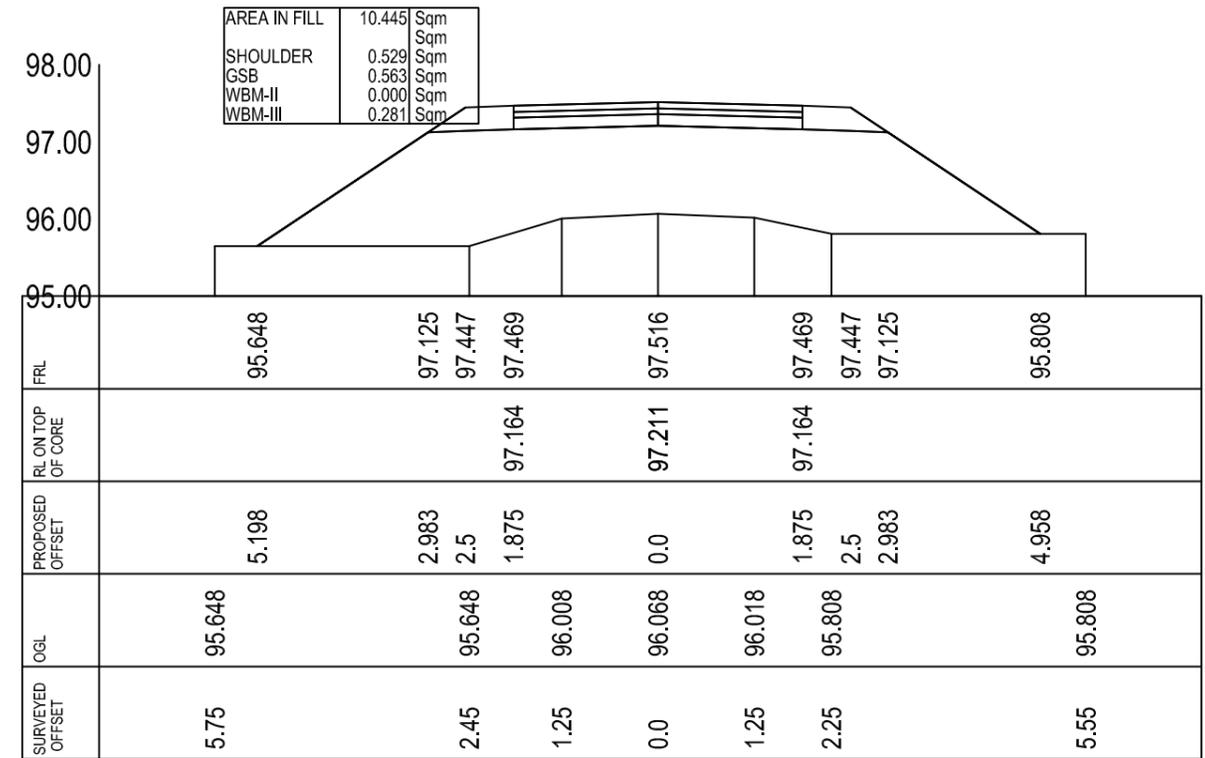
**DRAWING :**  
CROSS SECTION OF APPROACH ROAD

**DRAWING NO**  
**ASSAM/SWIFT/GR-08/SD/01(B)**

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



CROSS-SECTION AT CH- 80.0



CROSS-SECTION AT CH- 91.0

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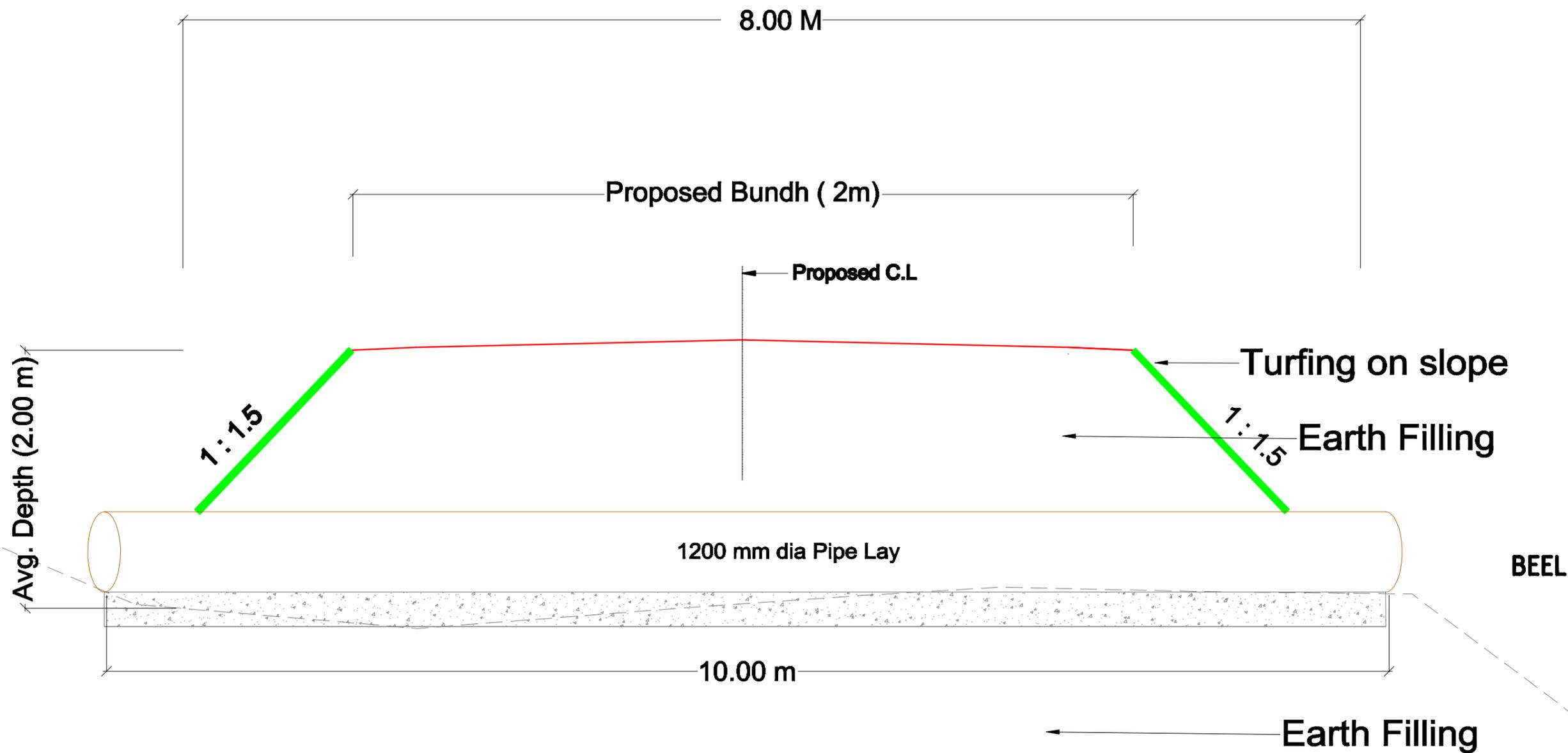
**Regd. Office Address**  
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**Name of Work:-**  
**Hatihuria Beel in Sivsagar District : Conservation, Restoration and**  
**Rejuvenation under Assam SWIFT Project.**

**DRAWING :**  
CROSS SECTION OF APPROACH ROAD

**DRAWING NO**  
**ASSAM/SWIFT/GR-08/SD/01(C)**

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



Typical Cross Section for Bundh (With HP laying)

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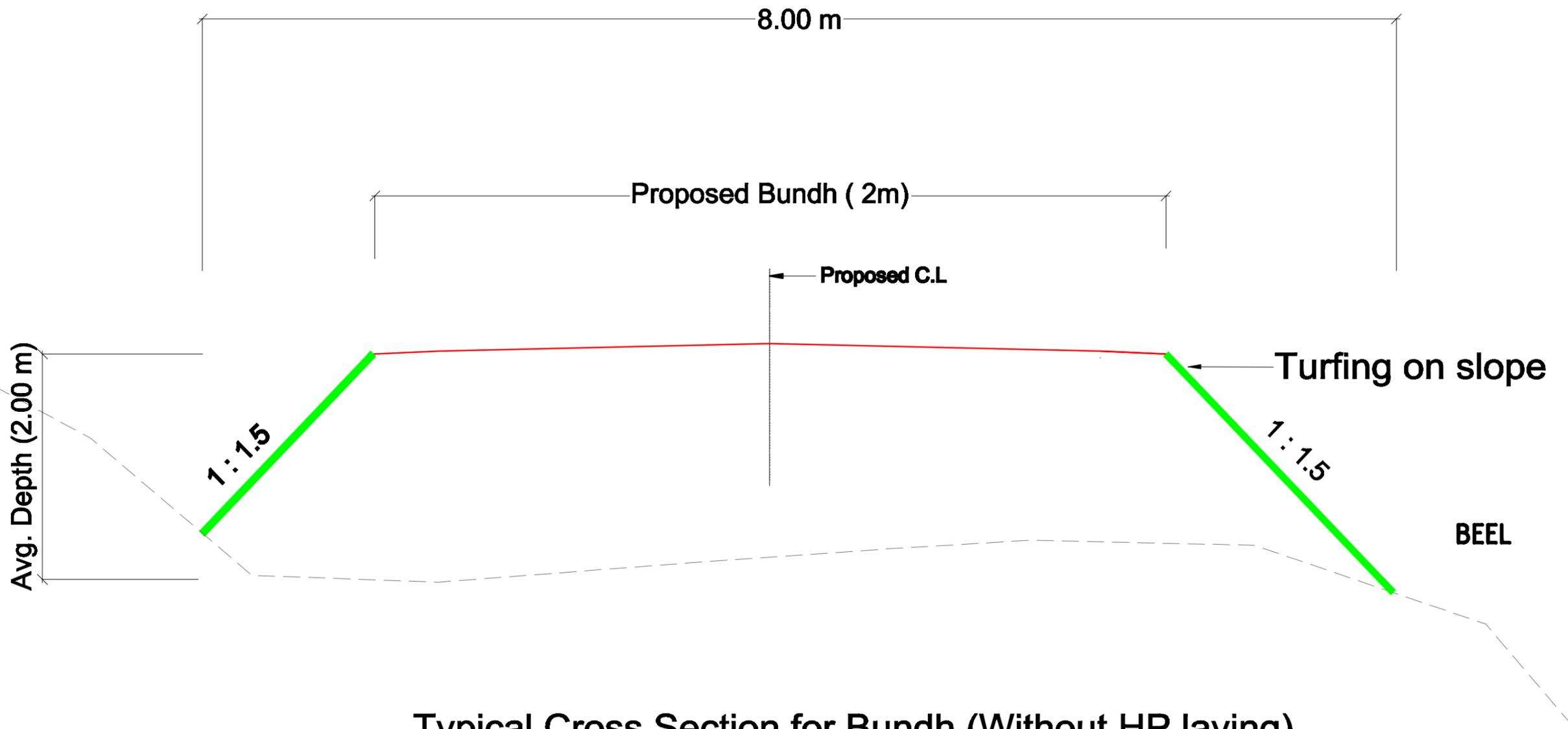
DRAWING NO  
**ASSAM/SWIFT/GR-08/SD/02(B)**

DRAWING :  
**TYPICAL SECTION OF BUND  
 (With HP Laying)**

SCALE :- 1:1000

PACKAGE NO: 8

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



Typical Cross Section for Bundh (Without HP laying)

Prepared by  
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 HADACHAN, ASSAM, PIN-781022  
 email:- basicconsultant@yahoo.com

DRAWING NO  
**ASSAM/SWIFT/GR-08/SD/02(A)**

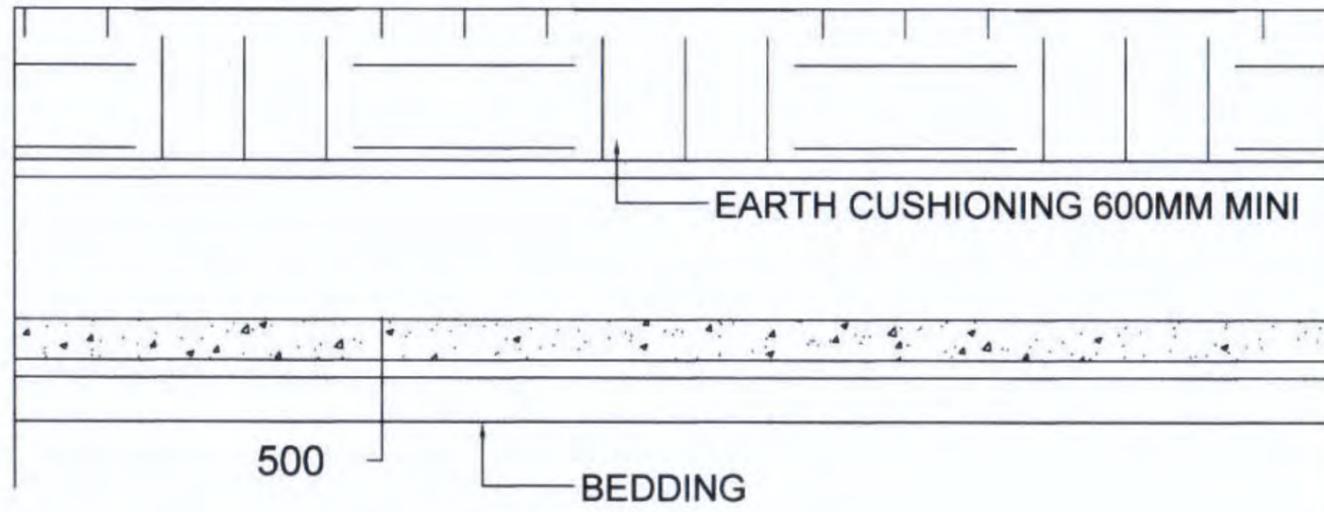
DRAWING :  
 TYPICAL SECTION OF BUND  
 (Without HP Laying)

SCALE :- 1:1000

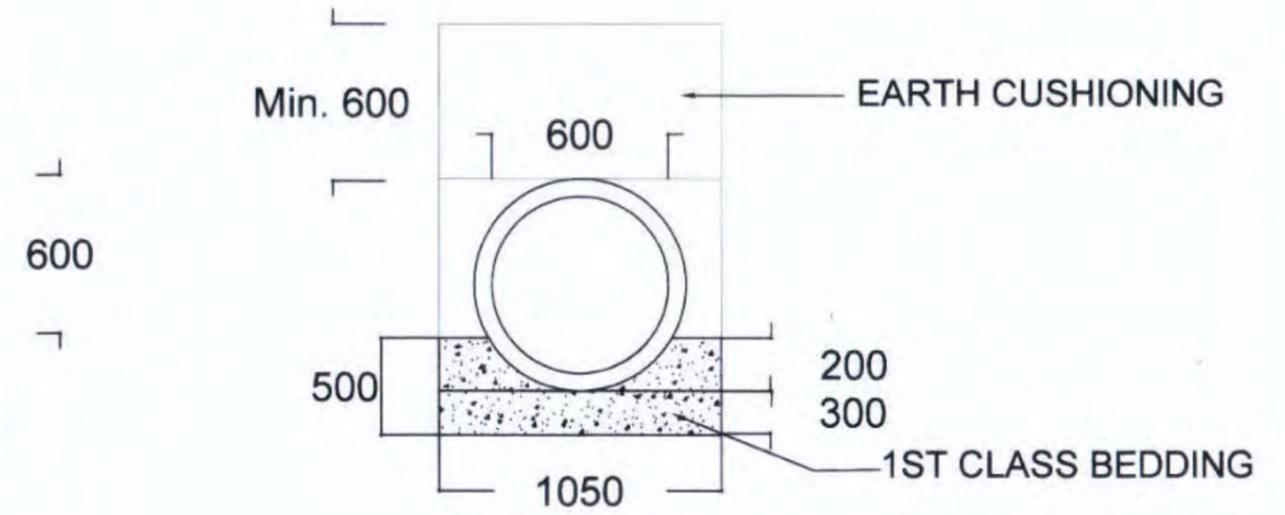
PACKAGE NO: 8

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





LONGITUDINAL SECTION OF HUME PIPE CULVERT



CROSS SECTION OF HUME PIPE CULVERT



PLAN OF HUME PIPE CULVERT

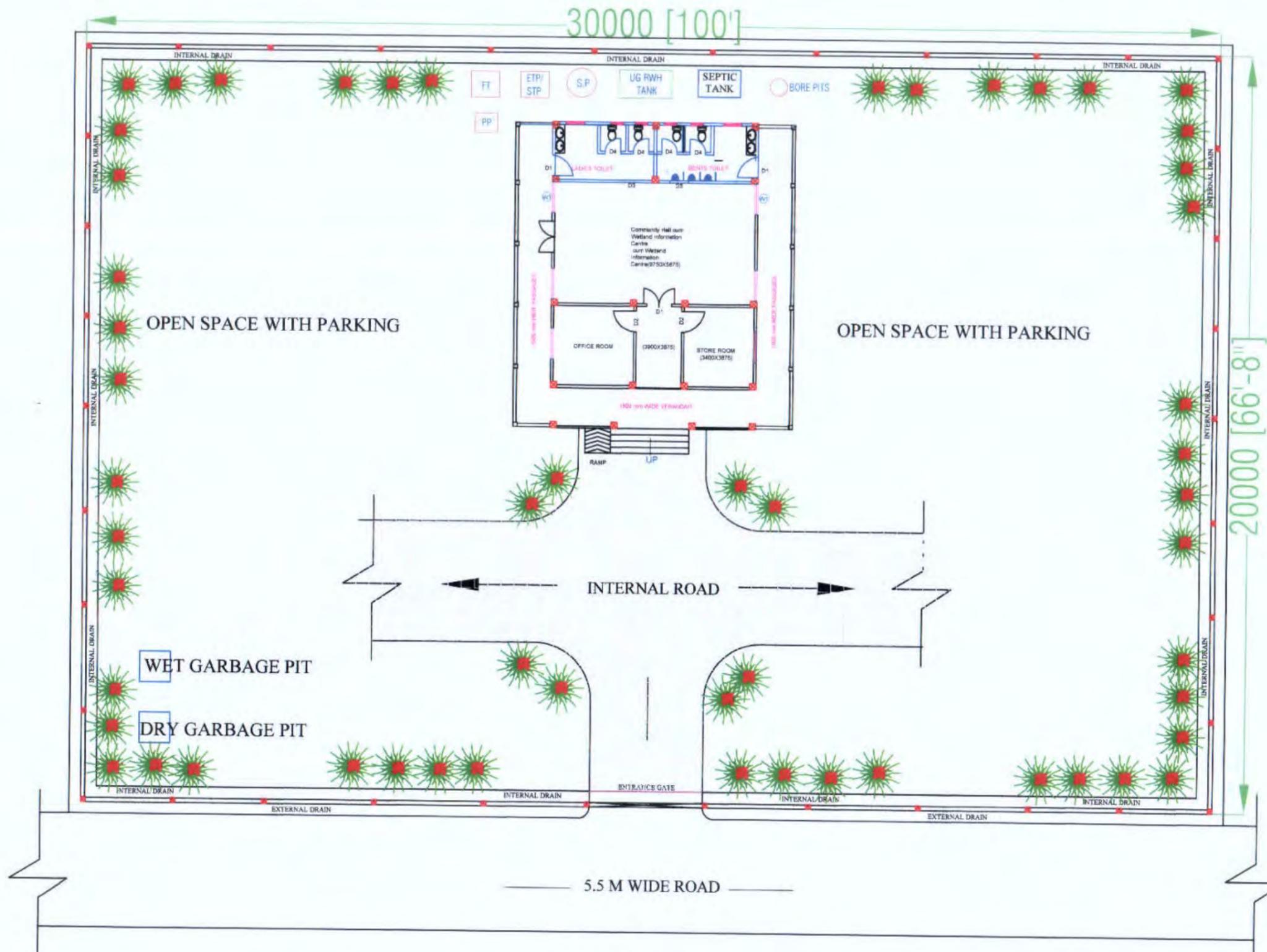
**Prepared by**  
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 email:-basicconsultant99@gmail.com

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

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

NOT TO SCALE

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



**SITE PLAN**

**Prepared by**  
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**DRAWING :**  
 SITE PLAN

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

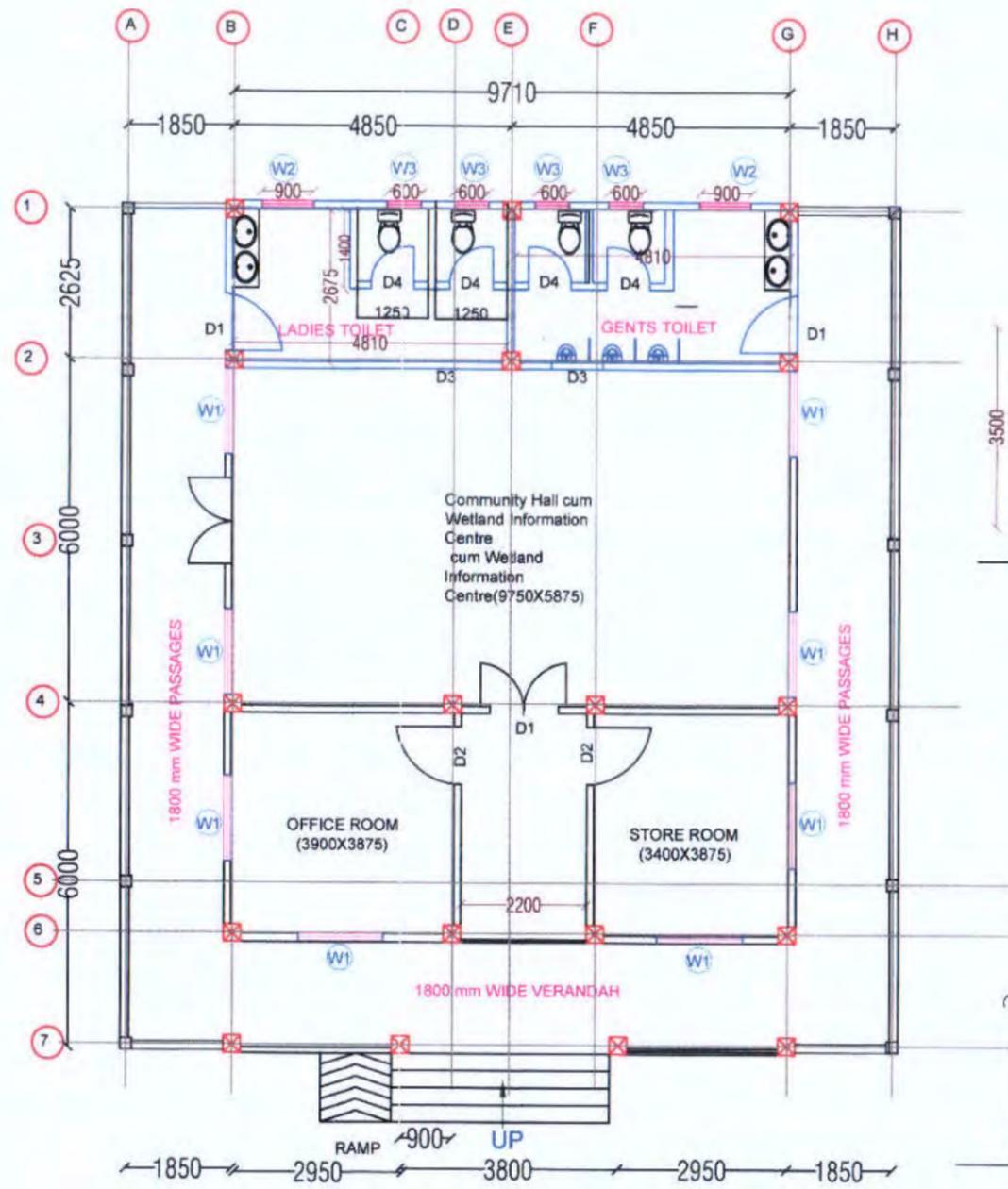
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ASSAM/SWIFT/GR-08/SD/04(A)

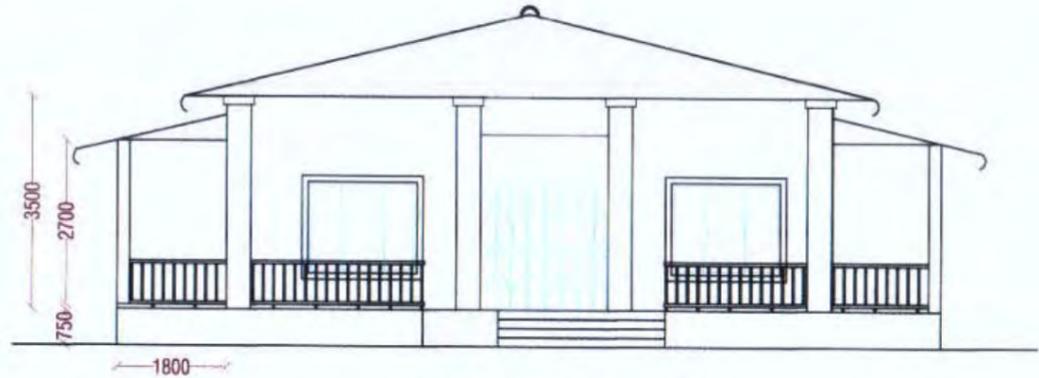
**DRAWING CONTENTS:** Community Hall cum  
 Wetland Information

NOT TO SCALE

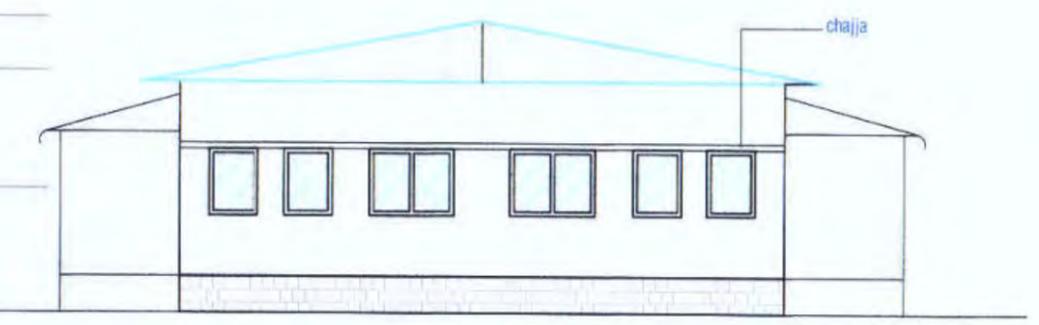
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



**FLOOR PLAN**

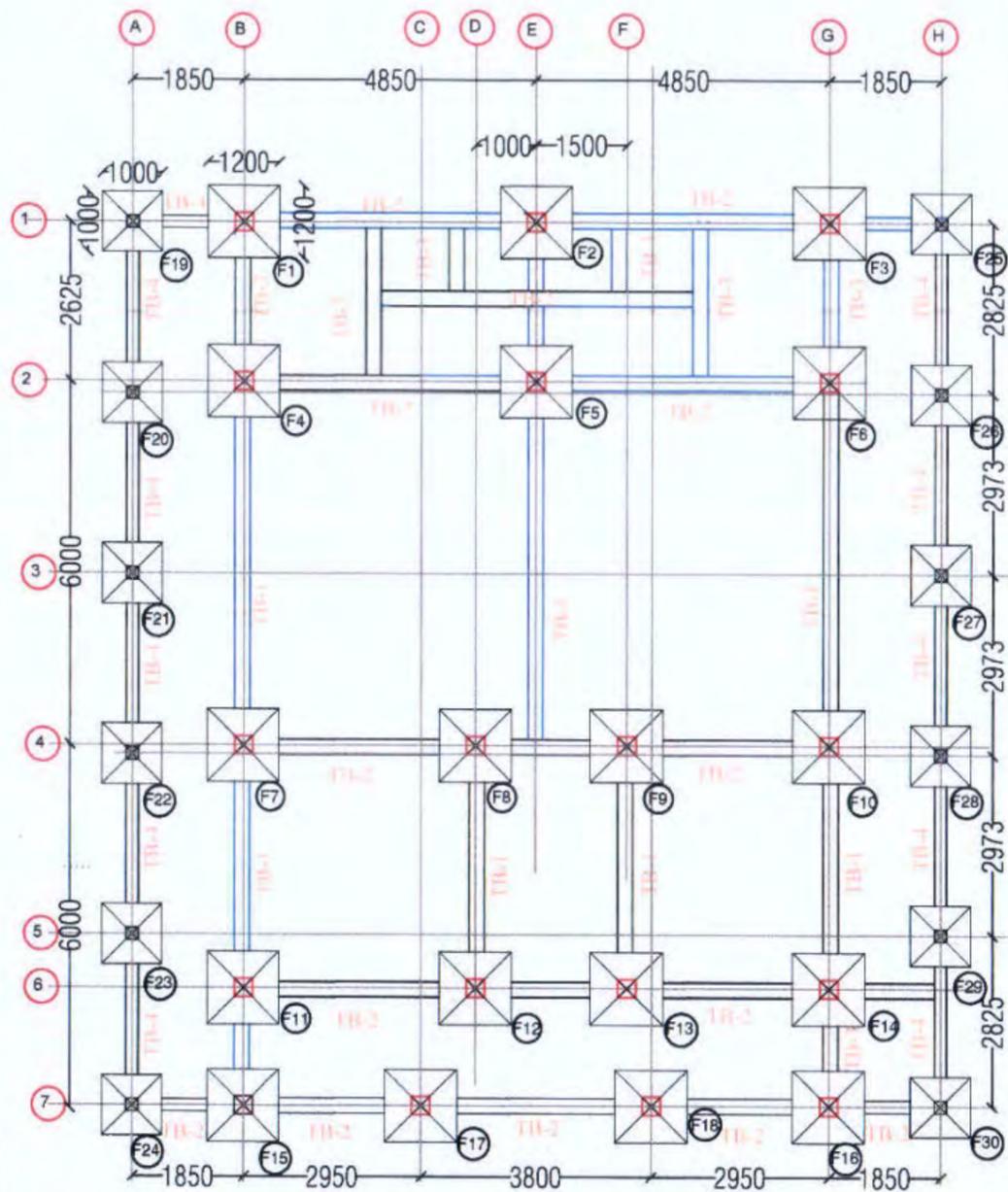


**FRONT ELEVATION**

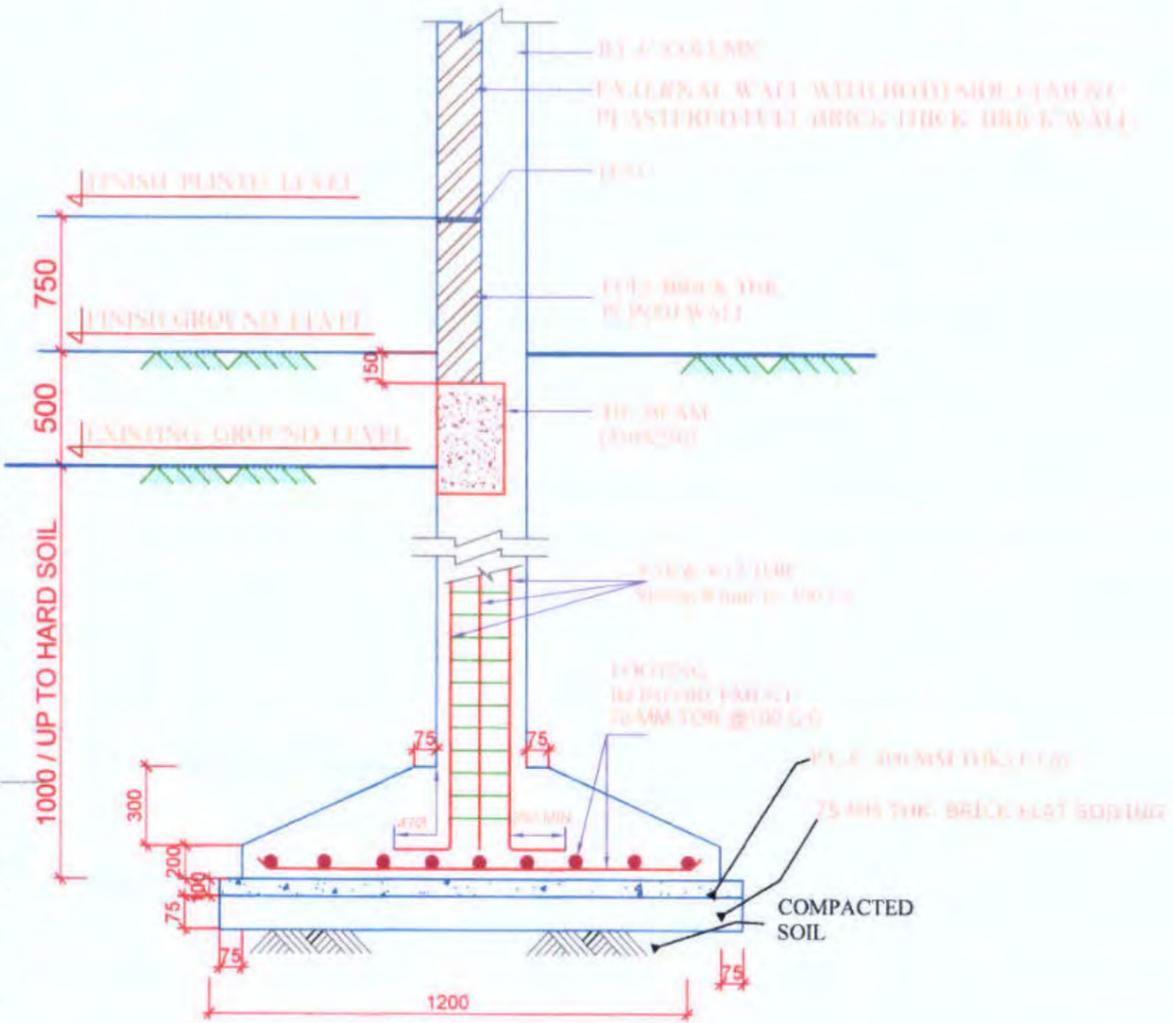


**BACK VIEW**

<b>Prepared by</b> <b>BASIC CONSULTANT</b> (ENGINEERING CONSULTANT) <b>Corprt office Address</b> SURVEY, AJMERI PATH, HOUSE HO-27, GUWAHATI, KAMRUP (M), ASSAM, PIN-781025. email:-basicconsultantghy@gmail.com <b>Regd. Office Address</b> N. HARBARGAON, W.D.ROAD, NAGAON, ASSAM, PIN-782002 email:-basicconsultant99@gmail.com	<b>DRAWING :</b> PLAN & ELEVATION	<b>DRAWING No. :</b> ASSAM/SWIFT/GR-08/SD/04(B)	NOT TO SCALE	<b>ARIAS Society</b> <b>GOVERNMENT OF ASSAM</b> <b>Assam Rural Infrastructure</b> <b>Agricultural Service Society</b>
	<b>PROJECT TITLE:</b> Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project	<b>DRAWING CONTENTS:</b> Community Hall cum Wetland Information Centre		



**LAYOUT OF FOOTING & PLINTH BEAM**



**TYPICAL DETAILS OF FOUNDATION**

Schedule of Beam, Column & Footing Reinforcement			
Sl. No.	Items	Size in mm	Reinforcement Details
1	Footing (F-1 to F-18)	1200x1200	12 mm Tor @100C/C (Both ways)
2	Columns (C1 to C16)	300x300	Main Bar: 4-16 & 4-12 TOR Stirrup: 8mm@100 C/C
3	Tie Beam	250x250	Main Bar: 4-12 & 1-12 extra at bottom Stirrup: 8mm@100 C/C
4	Lintel (01)	150x150	Main Bar: 4-12 TOR Stirrup: 8mm 100 C/C
5	Lintel (02)	150x150	Main Bar: 4-12 TOR Stirrup: 8mm 100 C/C
6	Column C-19 to C-30	200x200	Main bar :4 no-12# Stirrup- 8AMM@100C/C
7	Footing C-19 to C-30	1000x1000	10mm Tor @100 c/c (Both ways)

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**DRAWING :**  
**LAYOUT OF FOOTING & PLINTH BEAM**

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

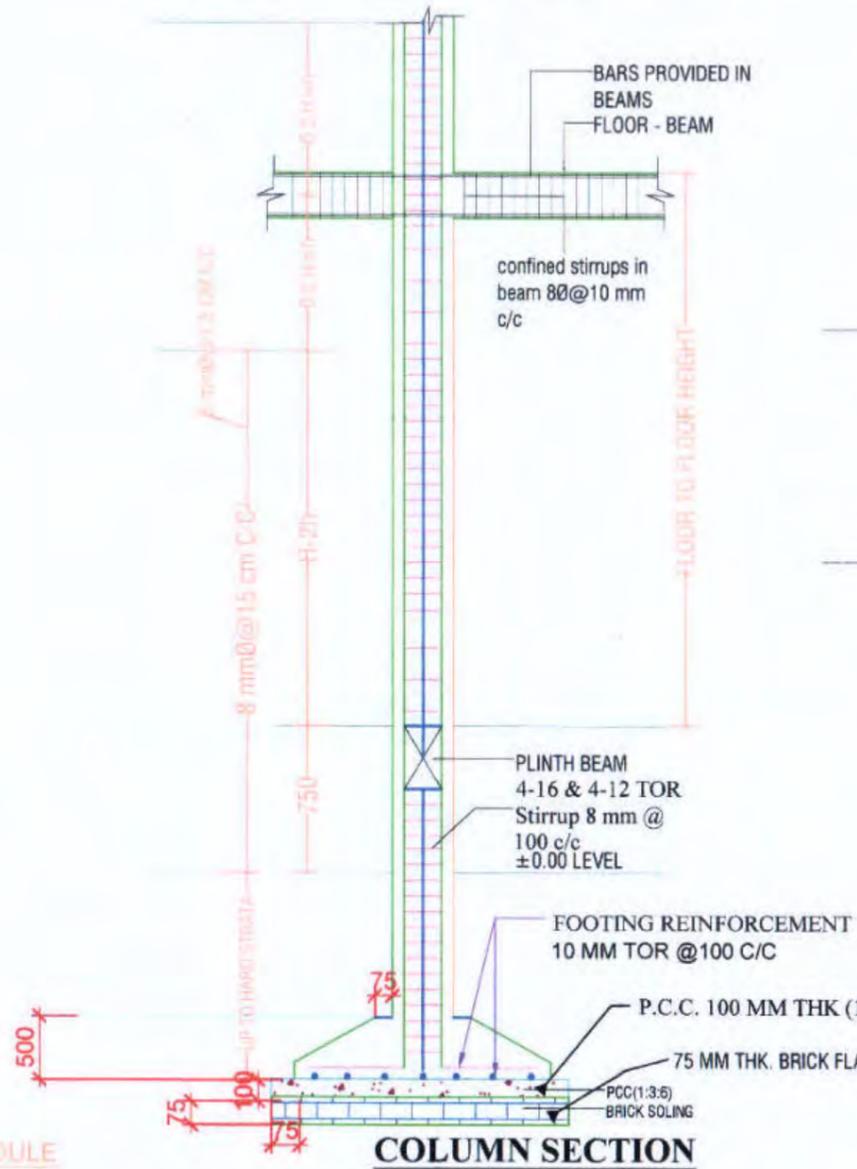
**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/04(C)

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

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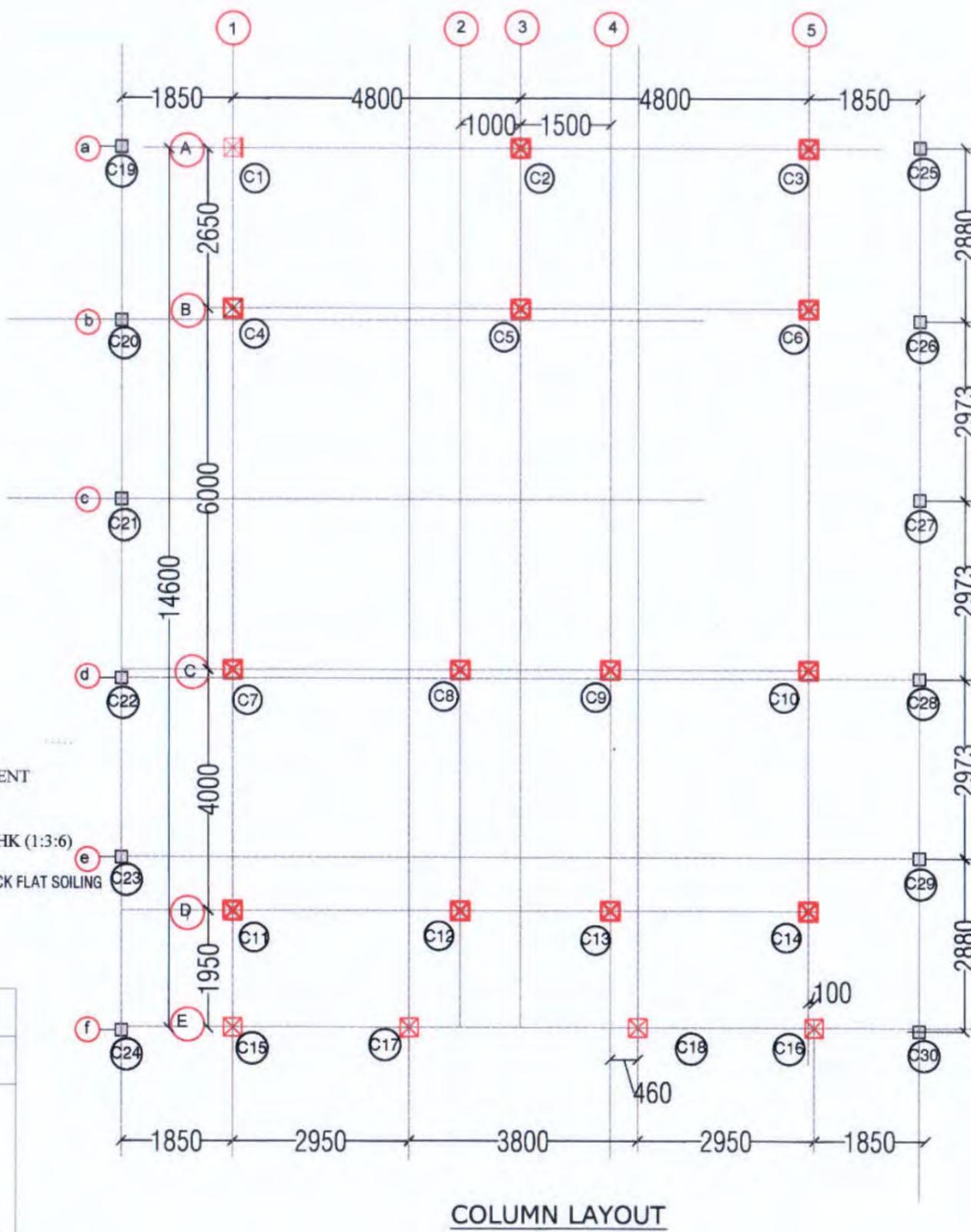
**COLUMN SECTION**  
NOTE : FLOOR LEVELS AS PER ARCH. DRAWING



**COLUMN SECTION**

**COLUMN SCHEDULE**

		TYPE A				
		COLUMN SIZE	COLUMN TYPE	SPECIFICATION	BAR SIZE	TIES
GROUND TO RIDGE COLUMN DETAIL	ARRANGE MENT OF LINKS	300X300	4-16Φ + 4-12Φ	8 MM TIES WITH ALTERNATE MAIN TIES	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	4-12Φ		A=12 MM	



**COLUMN LAYOUT**

Prepared by  
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**DRAWING :**  
LAYOUT OF COLUMN

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

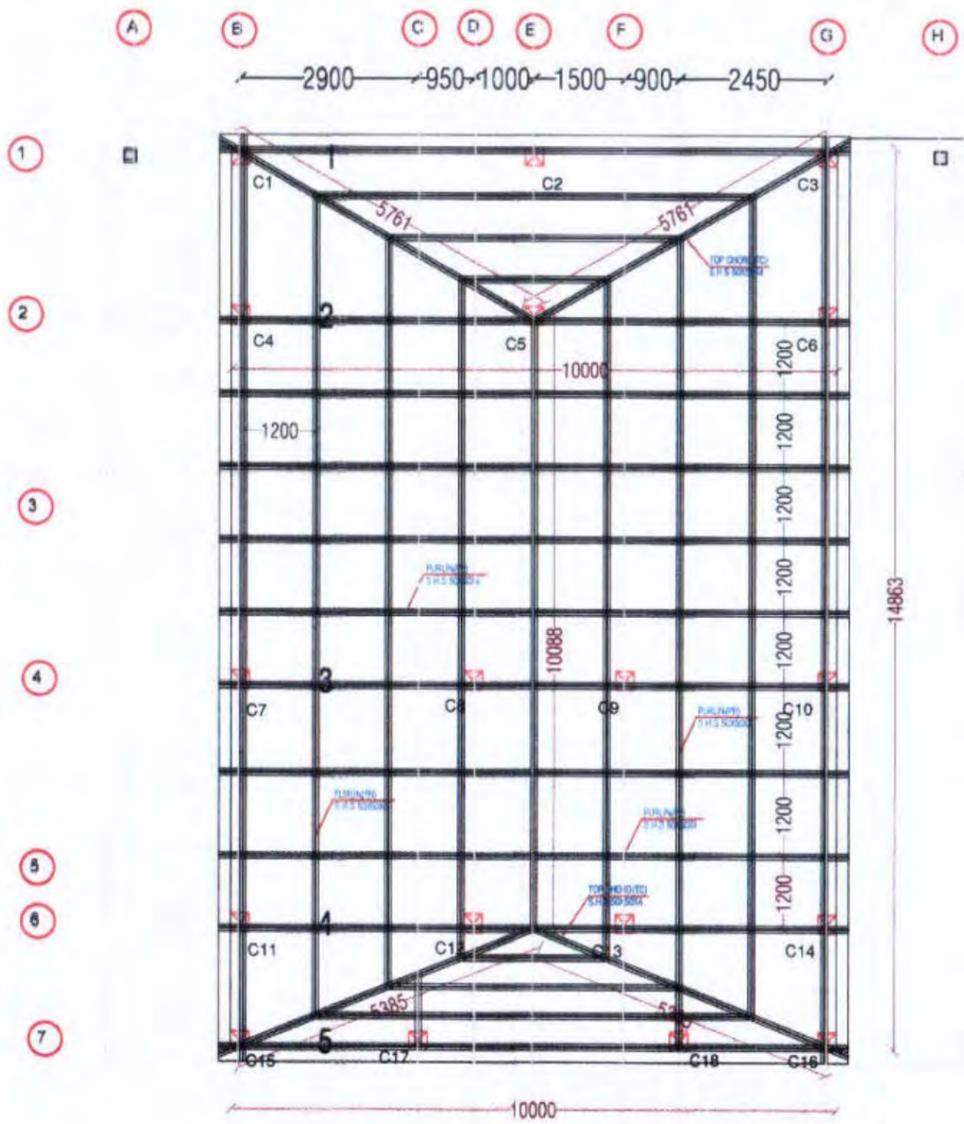
**DRAWING No. :**

ASSAM/SWIFT/GR-08/SD/04(D)

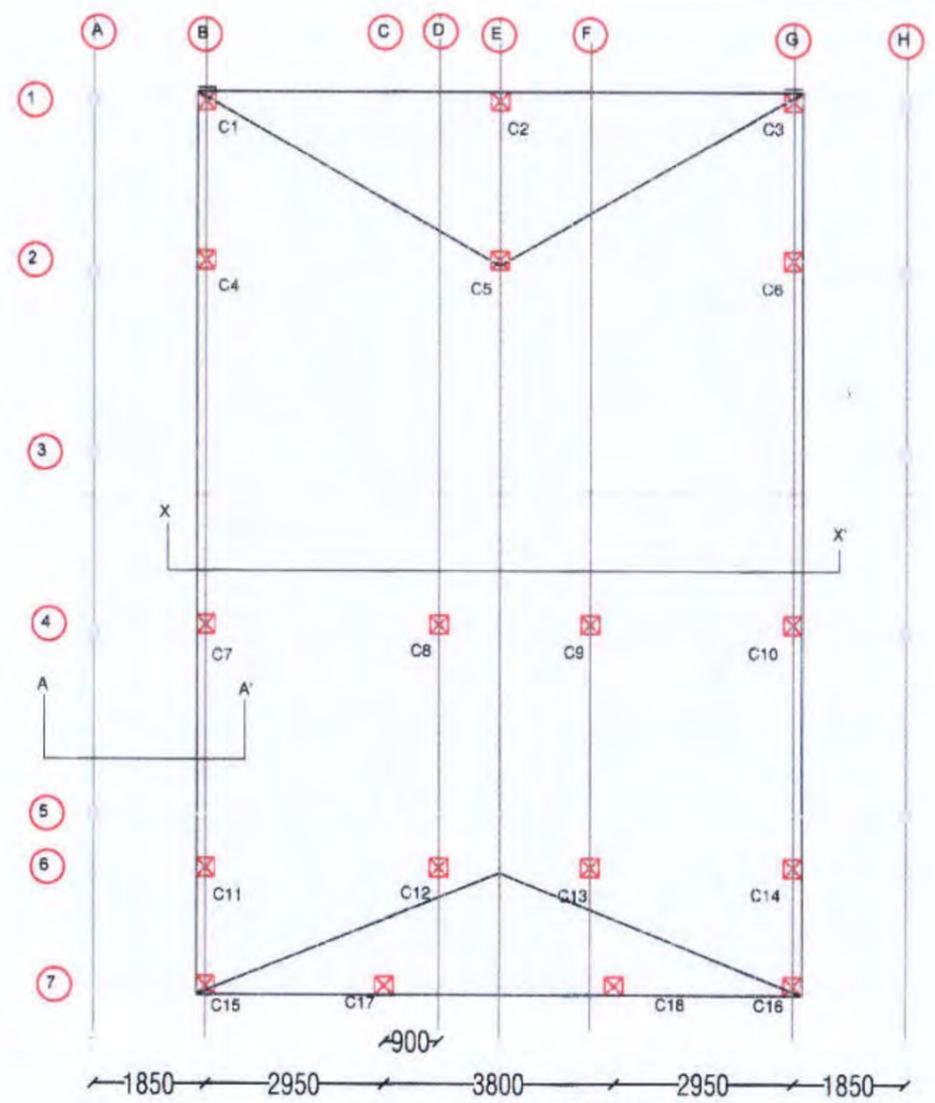
**DRAWING CONTENTS:** Community Hall cum  
Wetland Information Centre

NOT TO SCALE

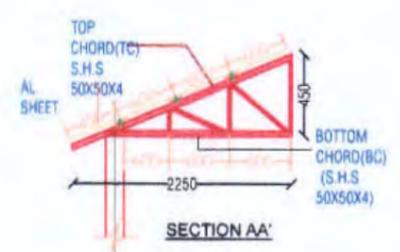
**ARIAS Society**  
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**Assam Rural Infrastructure**  
**Agricultural Service Society**



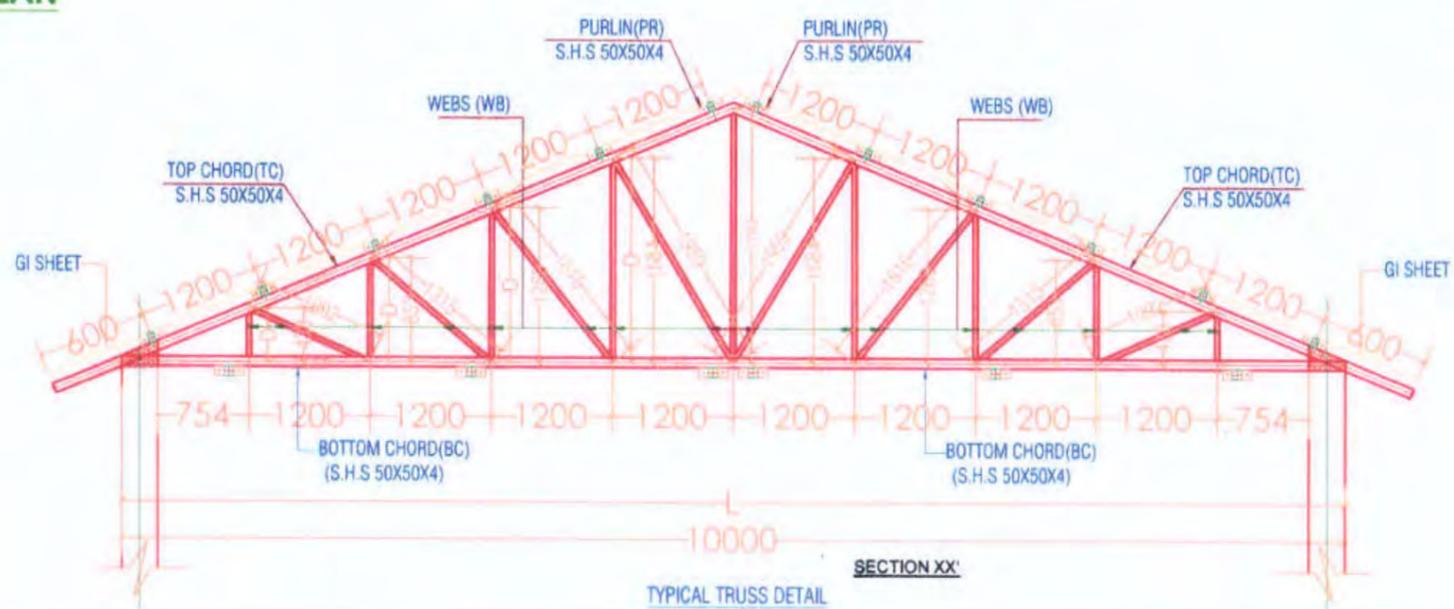
**TRUSS PLAN**



**ROOF PLAN**

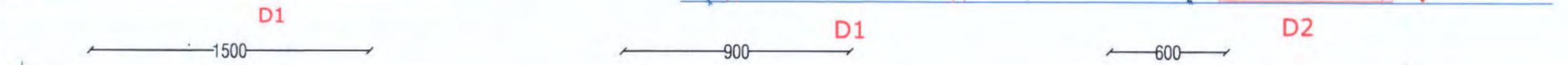
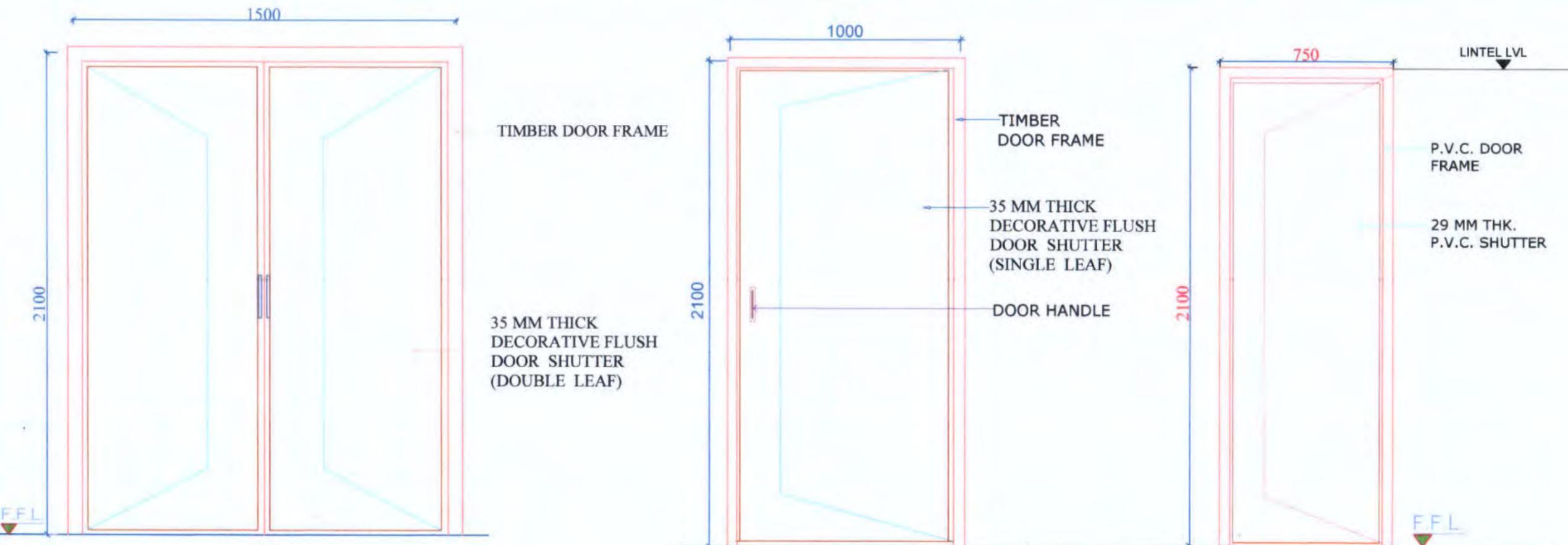


**SECTION AA'**



**TYPICAL TRUSS DETAIL**

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	<b>PROJECT TITLE:</b> Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project	<b>DRAWING CONTENTS:</b> Community Hall cum Wetland Information Centre		



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		

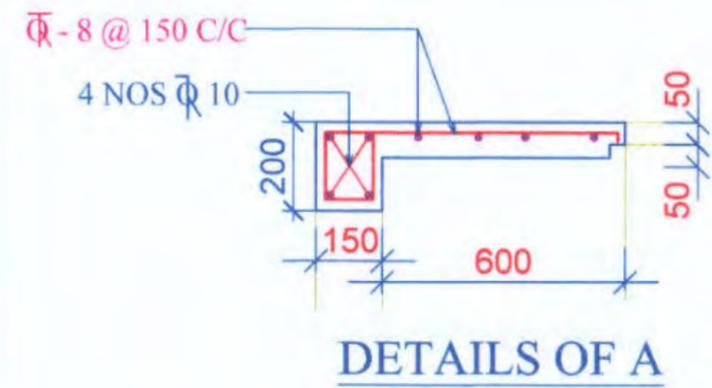
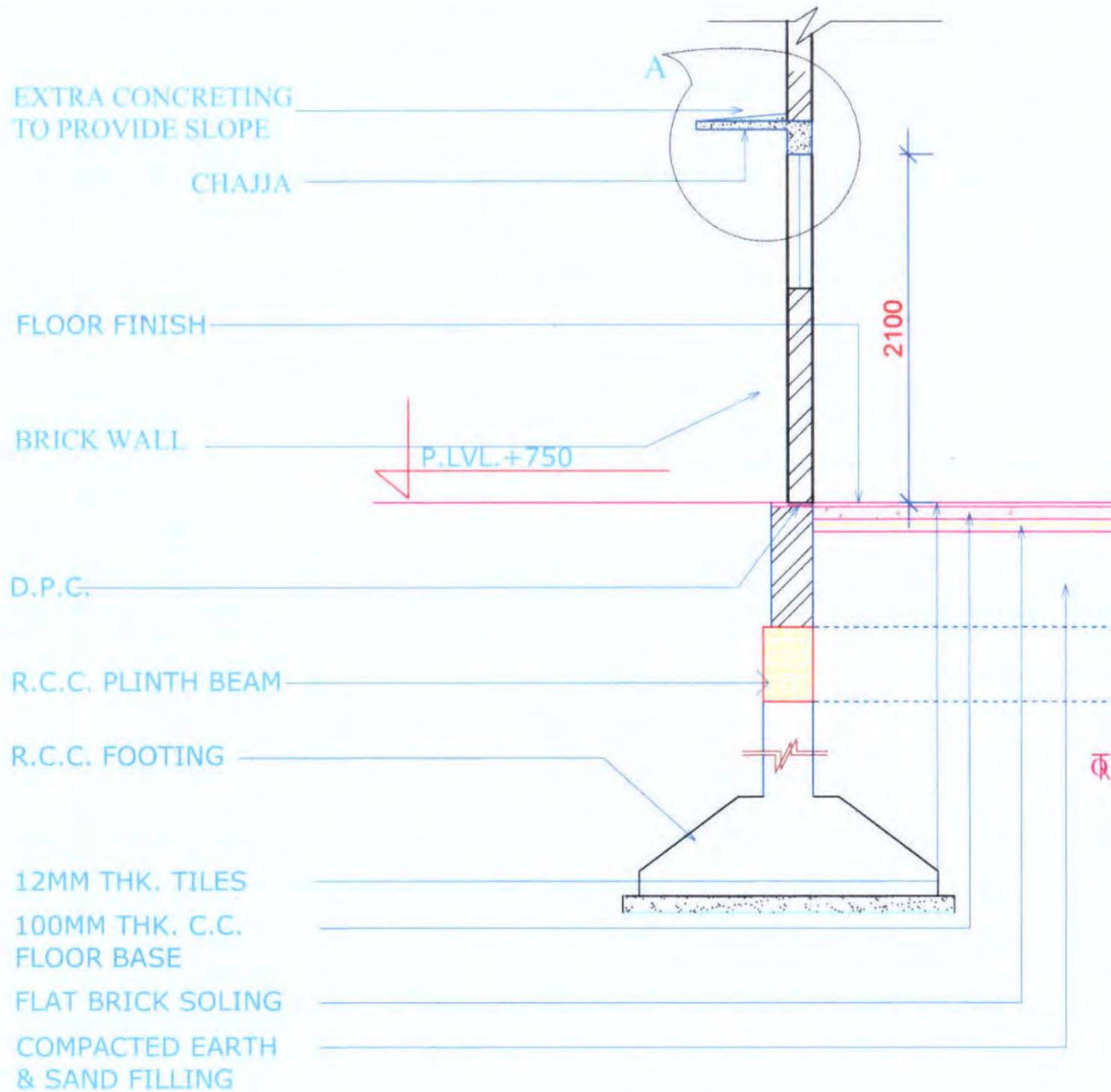
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**DRAWING :**  
 DETAIL & SCHEDULE OF DOORS & WINDOWS  
 PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/04(F)  
 DRAWING CONTENTS: Community Hall cum Wetland Information Centre

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**Agricultural Service Society**



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

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**DRAWING :**  
 CHAJJA DETAILS

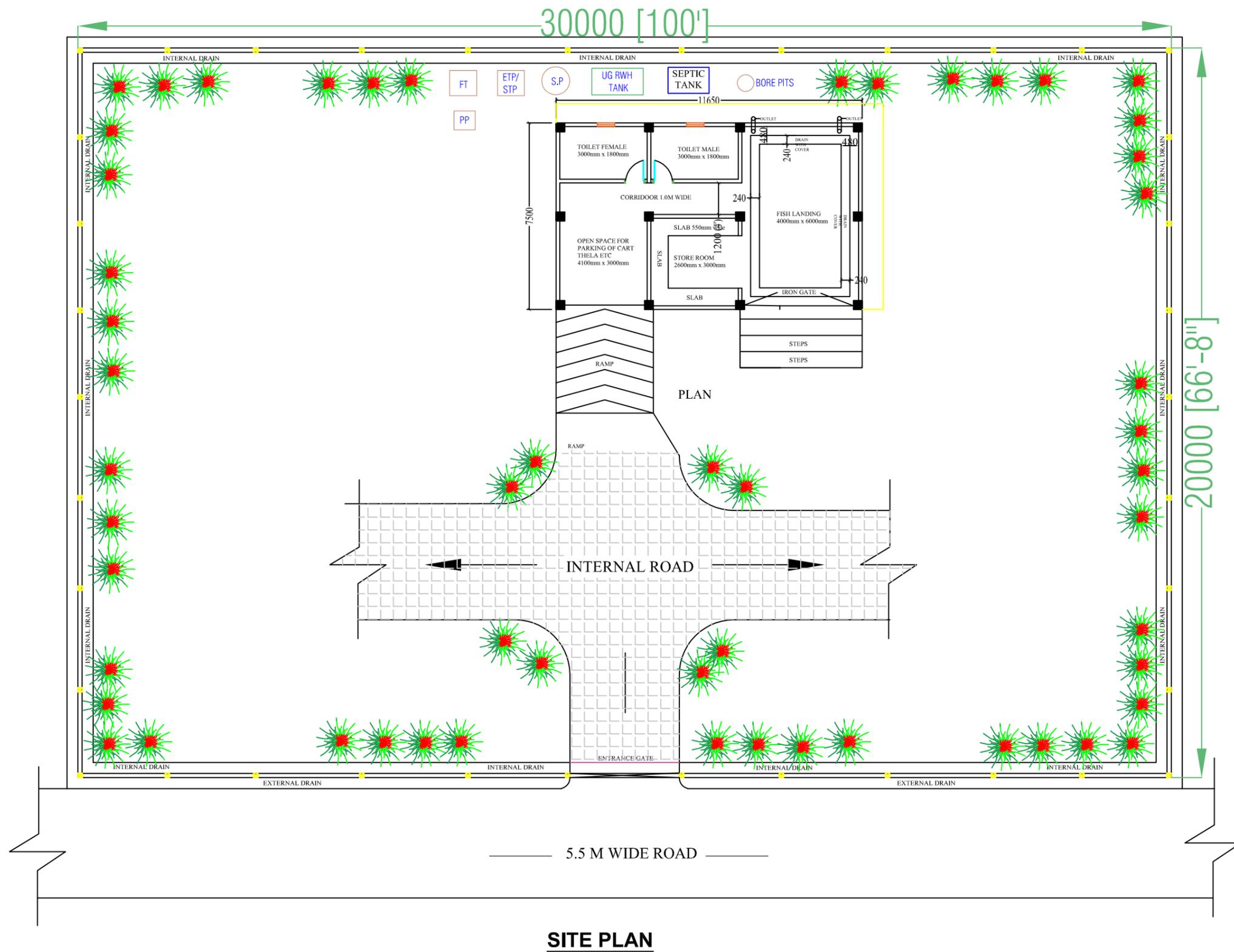
PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

**DRAWING No. :**  
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DRAWING CONTENTS: Community Hall cum  
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**DRAWING :**  
 SITE PLAN

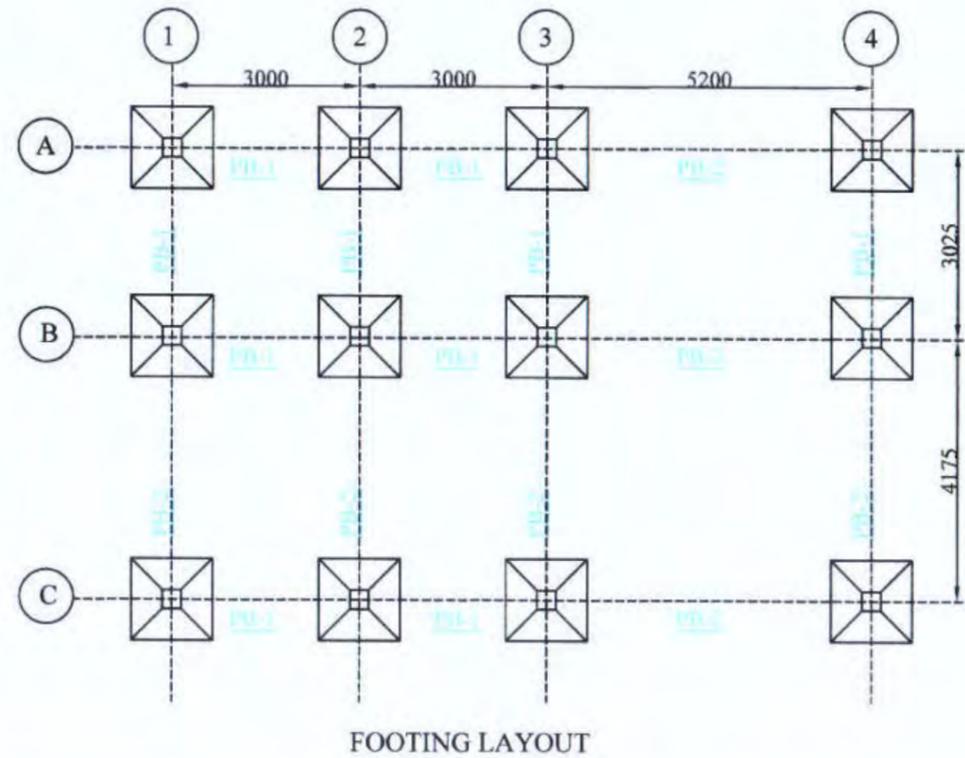
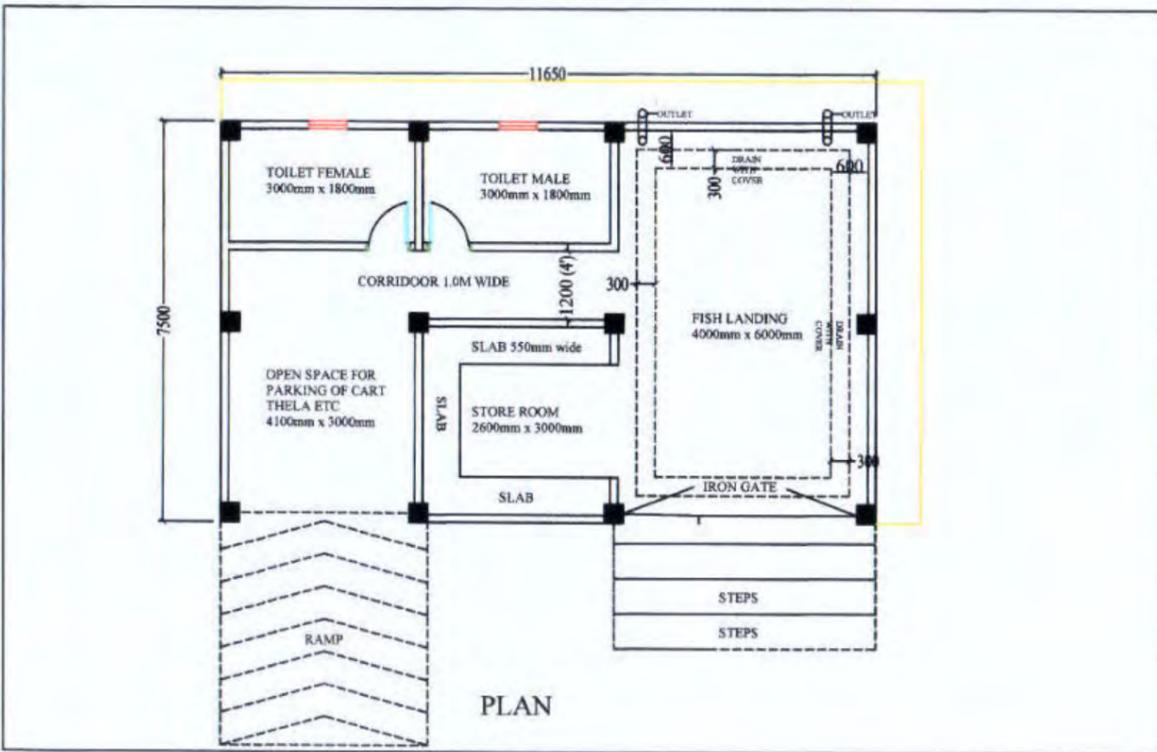
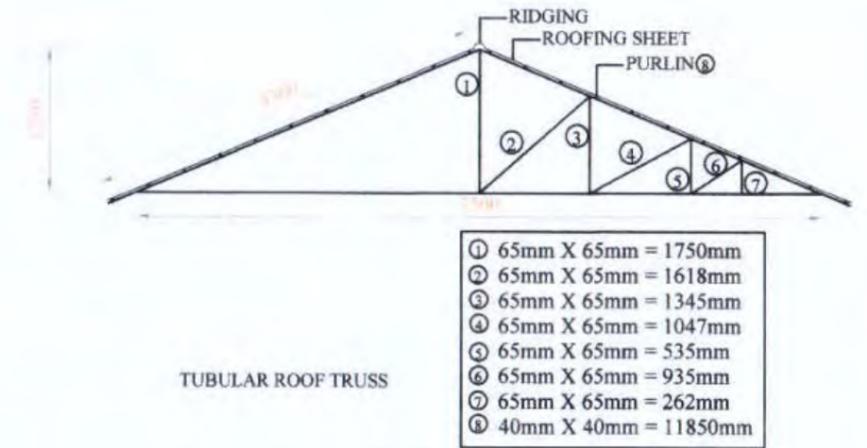
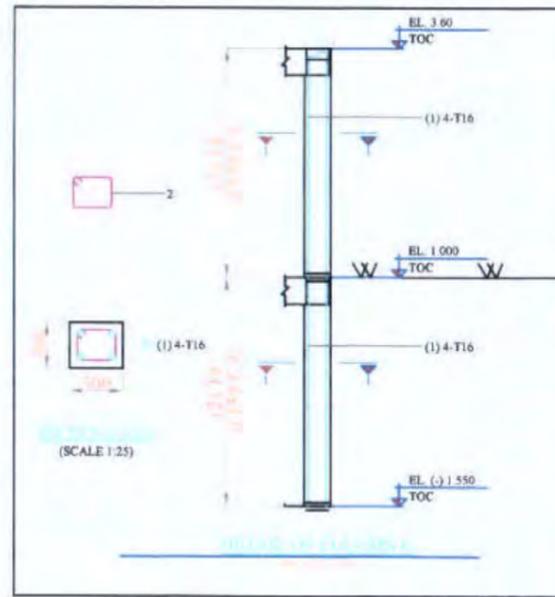
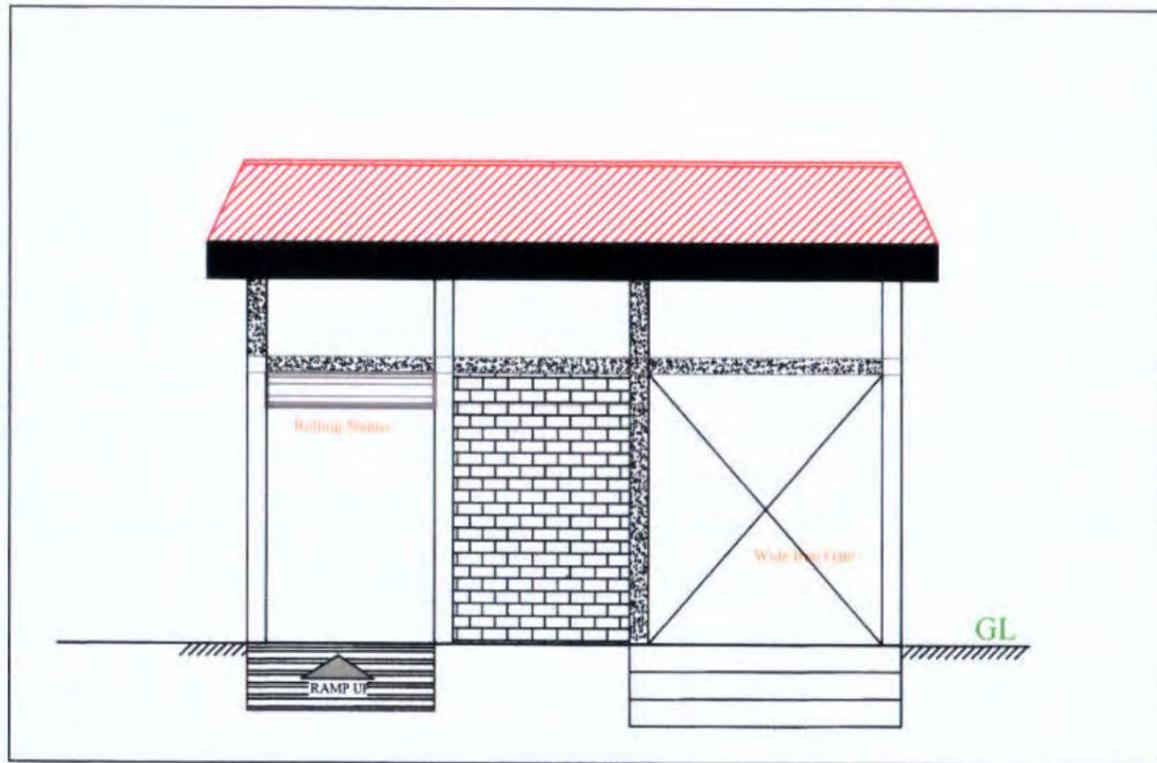
PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

DRAWING CONTENTS: FISH LANDING CENTRE

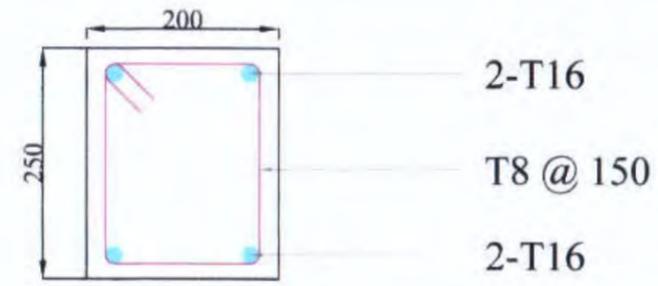
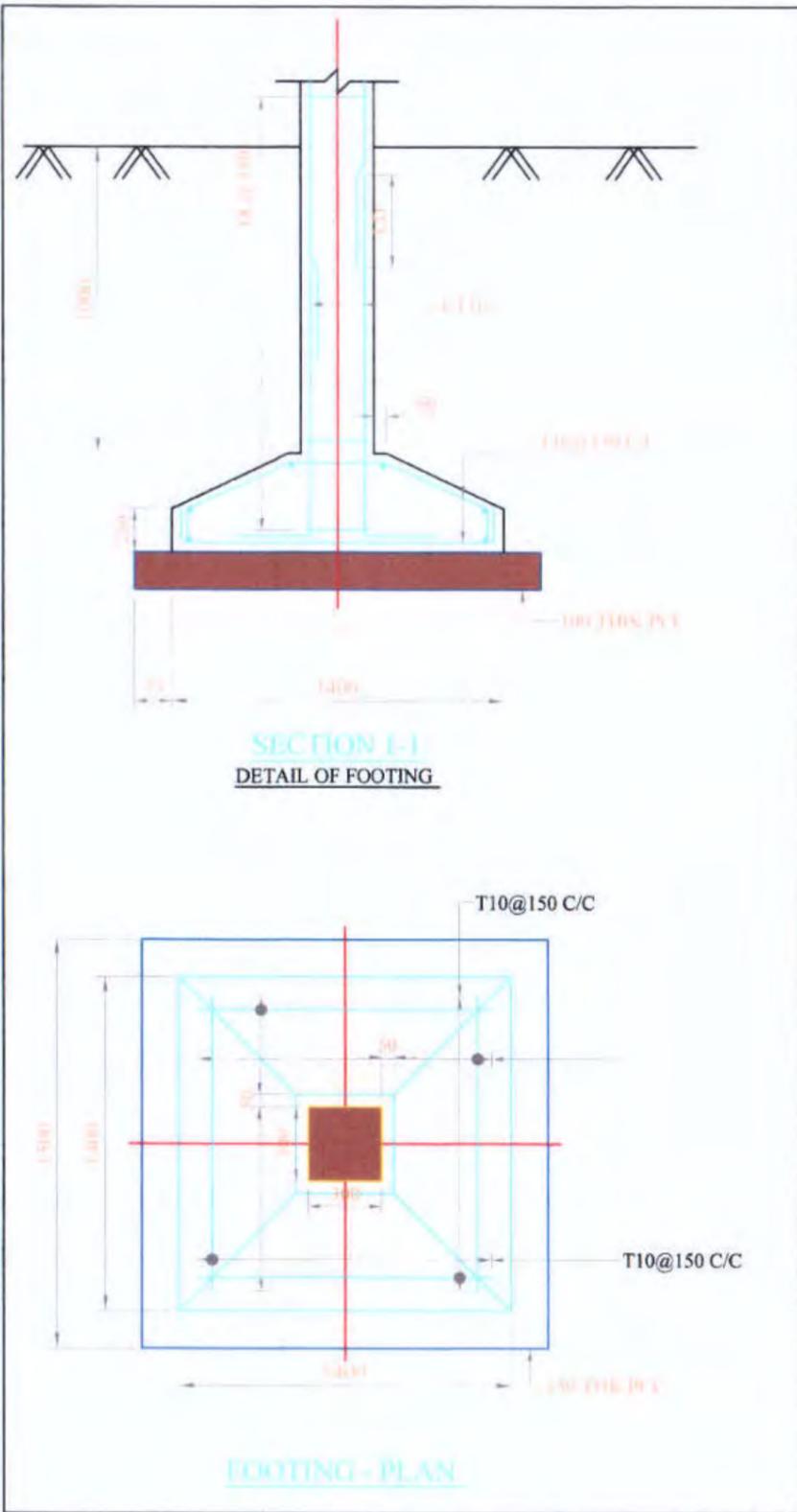
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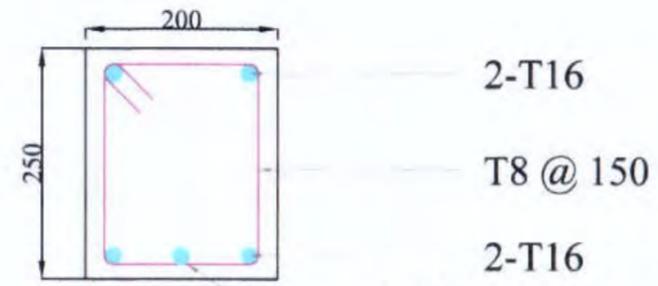


**NOTE:**

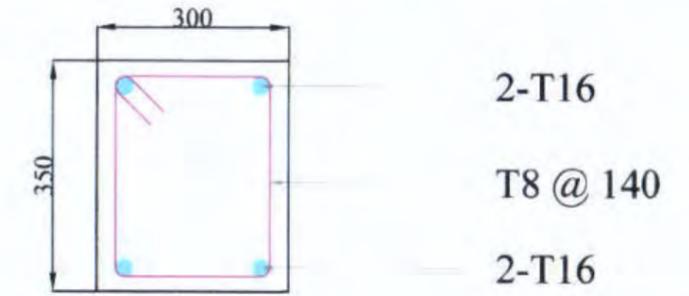
1. COLUMN SIZE = 300MM X 300MM
2. PLINTH BEAM SIZE = 300MM X 350MM
3. BEAM SIZE ABOVE GL = 200MM X 250MM
4. SIZE OF LINTEL = 150MM X 150MM
5. SIZE OF WINDOW = 1.50M X 1.20M
6. SIZE OF DOOR = 0.75M X 1.80M



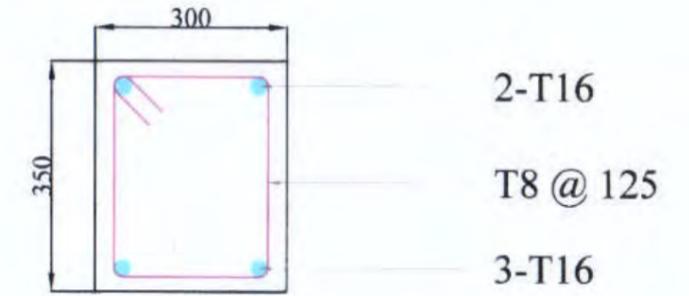
Beam above GL FB-1



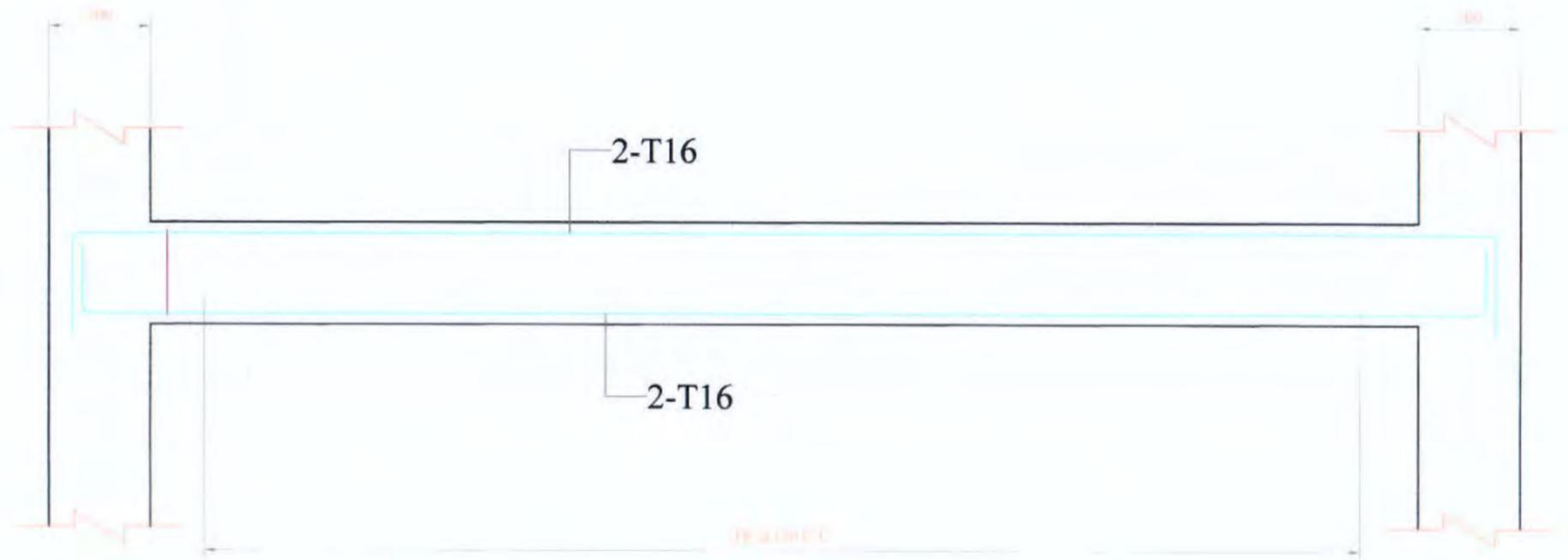
Beam above GL FB-2



Plinth Beam Section PB-1



Plinth Beam Section PB-2



BEAM 300x350

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

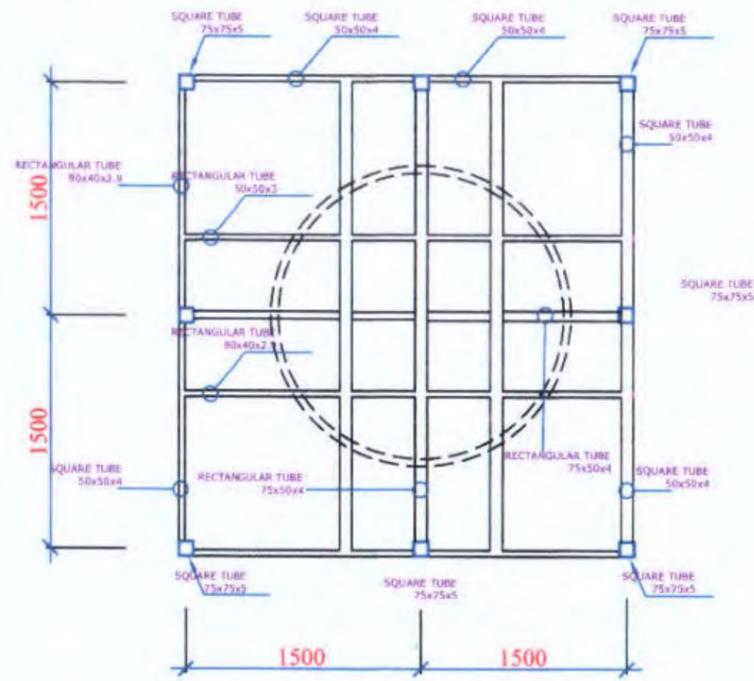
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**DRAWING :**  
STRUCTURAL DETAILS OF  
FISH LANDING UNIT

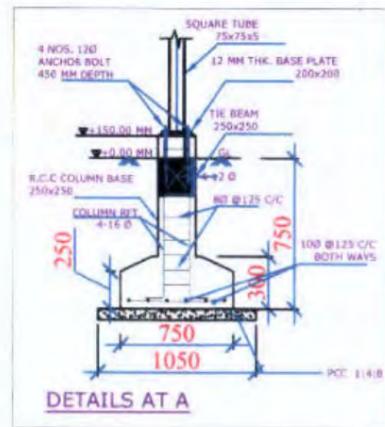
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ASSAM/SWIFT/GR-08/SD/05(B)

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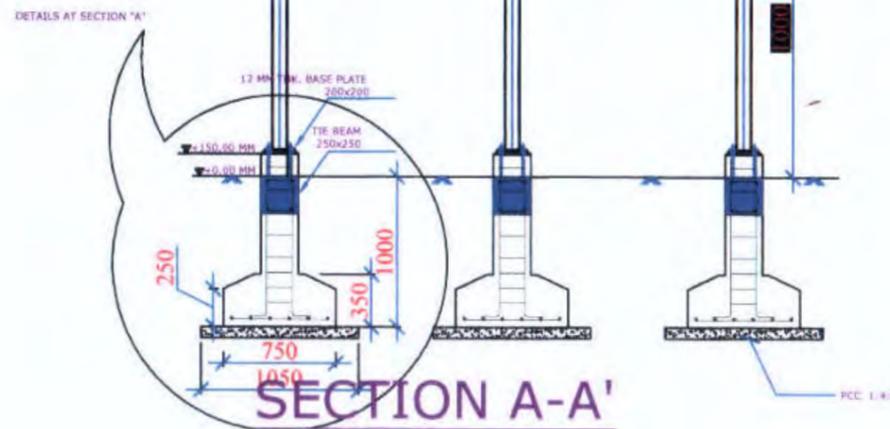
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ARRANGEMENT OF TOP PLATFORM



DETAILS AT A



SECTION A-A'

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

Prepared by  
**BASIC CONSULTANT**  
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NAGACON, ASSAM, PIN-782002  
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DRAWING :  
**OVER HEAD TANK**

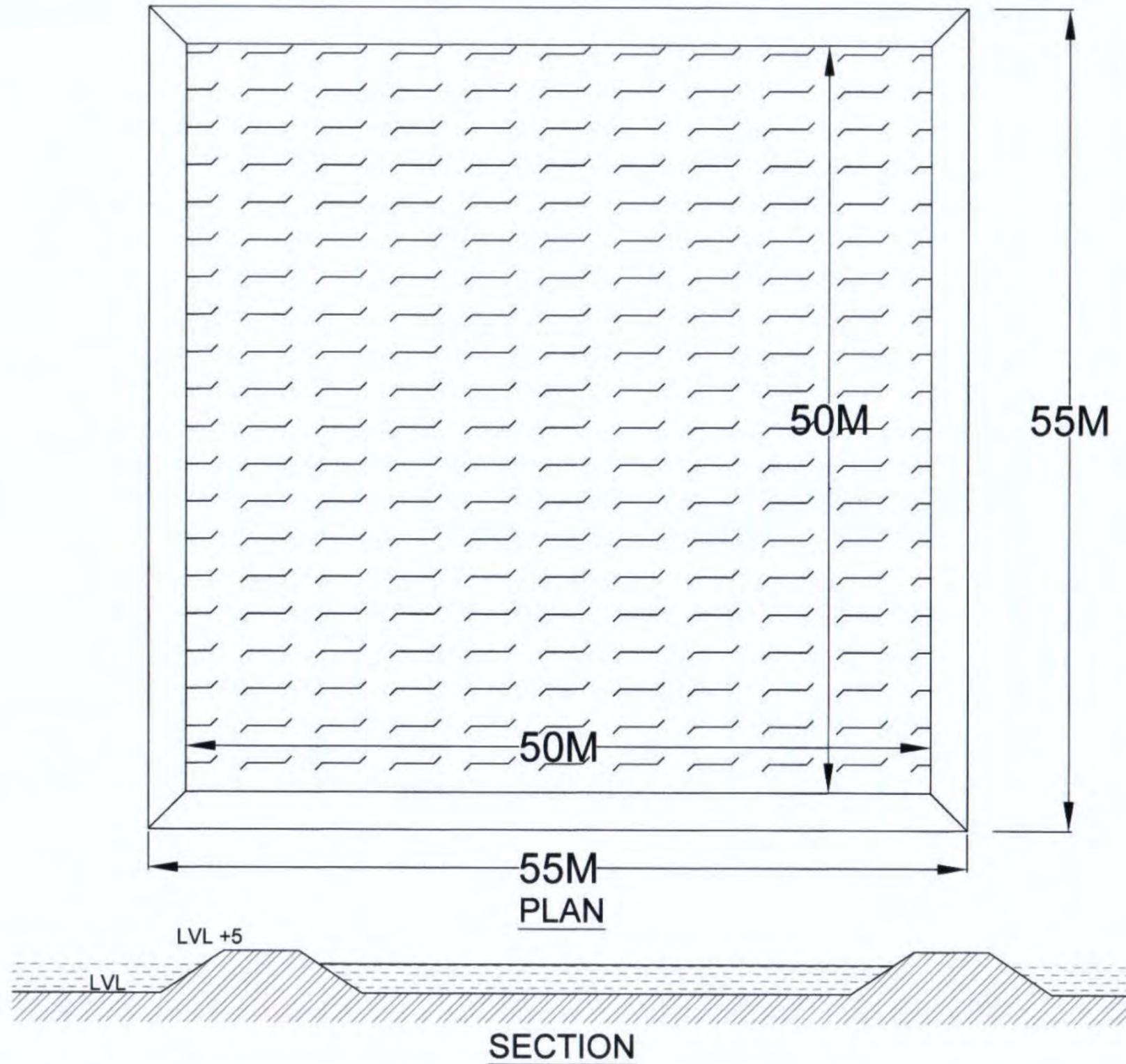
DRAWING NO. :  
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# TYPICAL PLAN & SECTION OF REARING TANK



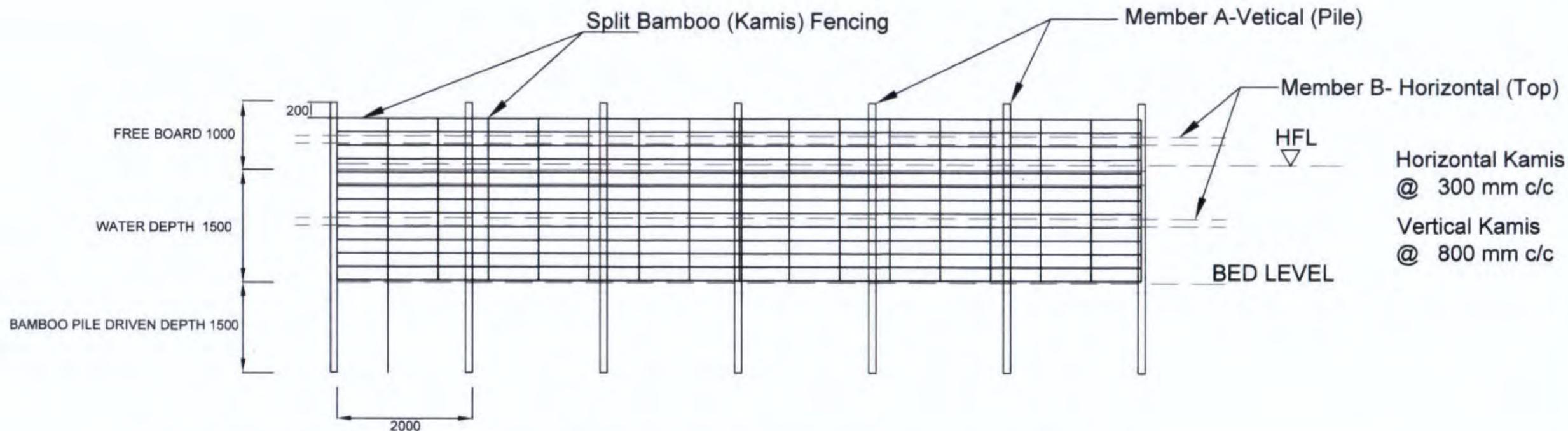
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 NAGAOH, ASSAM, PIN-782005  
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**DRAWING :**  
 PLAN & TYP. CS OF REARING TANK

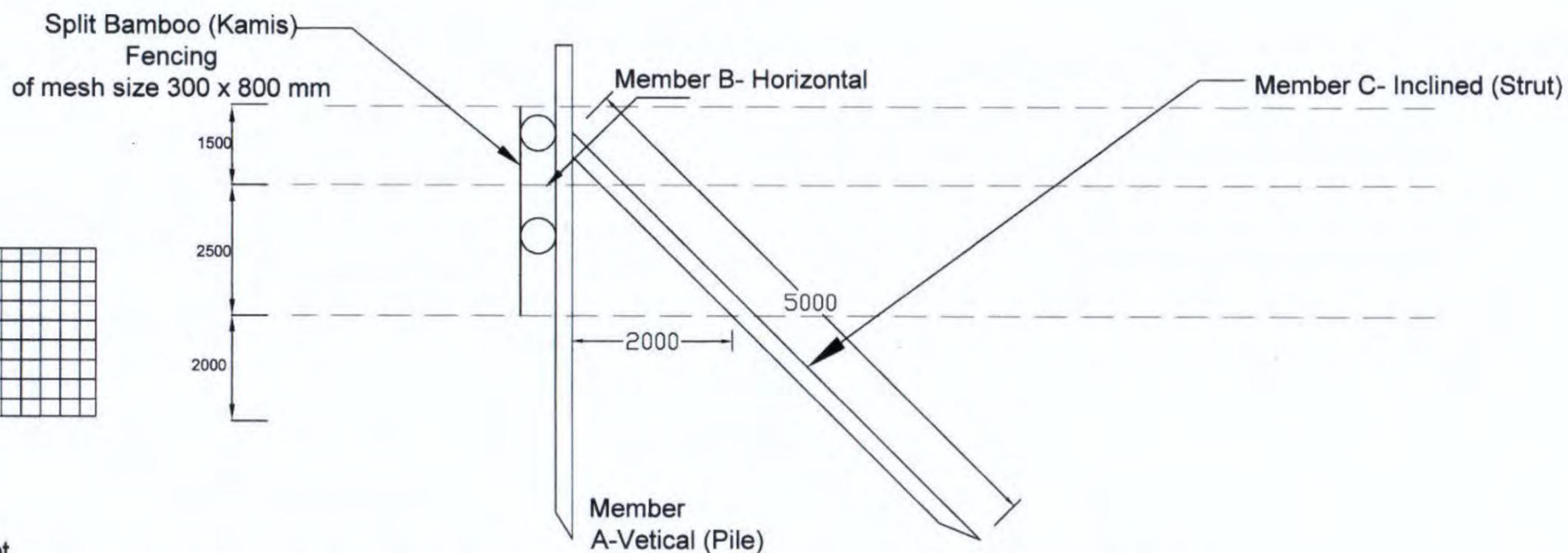
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PEN CULTURE STRUCTURE AT BEEL / WETLAND FISHERIES. (FRONT - ELEVATION)



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

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DRAWING :

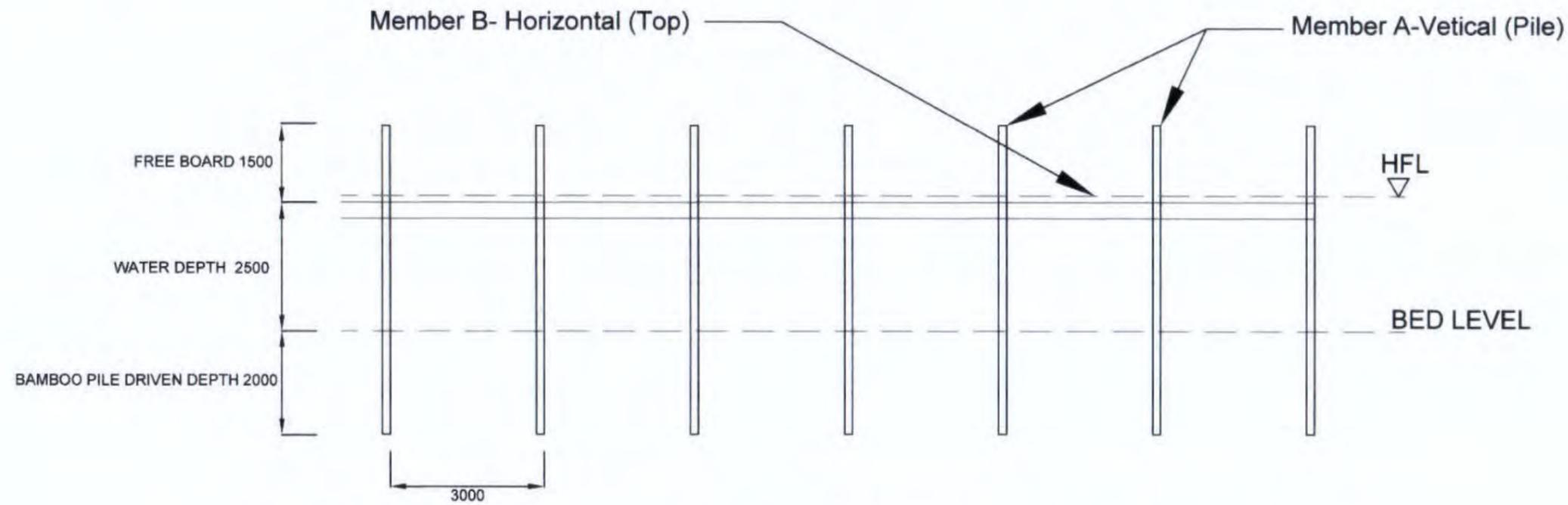
GENERAL ARRANGEMNT OF PEN CULTURE

DRAWING No. :

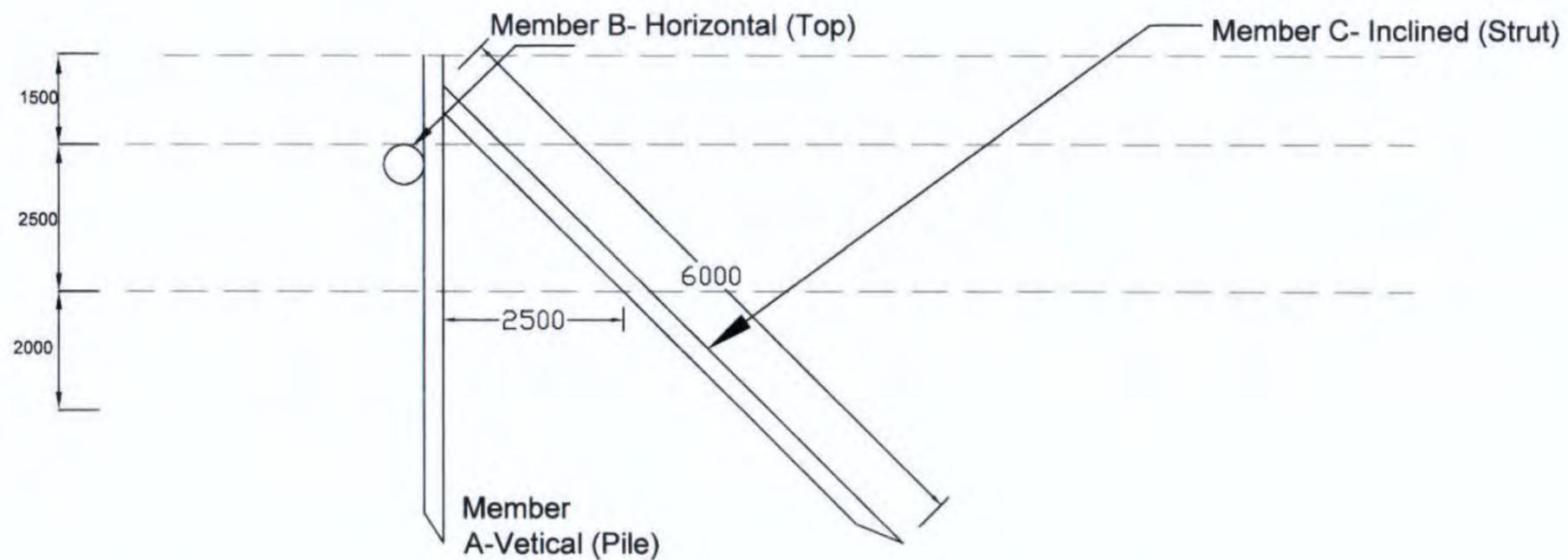
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KATAL / CATTLE FISHING STRUCTURE AT BEEL / WETLAND FISHERIES. (FRONT - ELEVATION)



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

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NAGAON, ASSAM, PIN-782002  
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DRAWING :

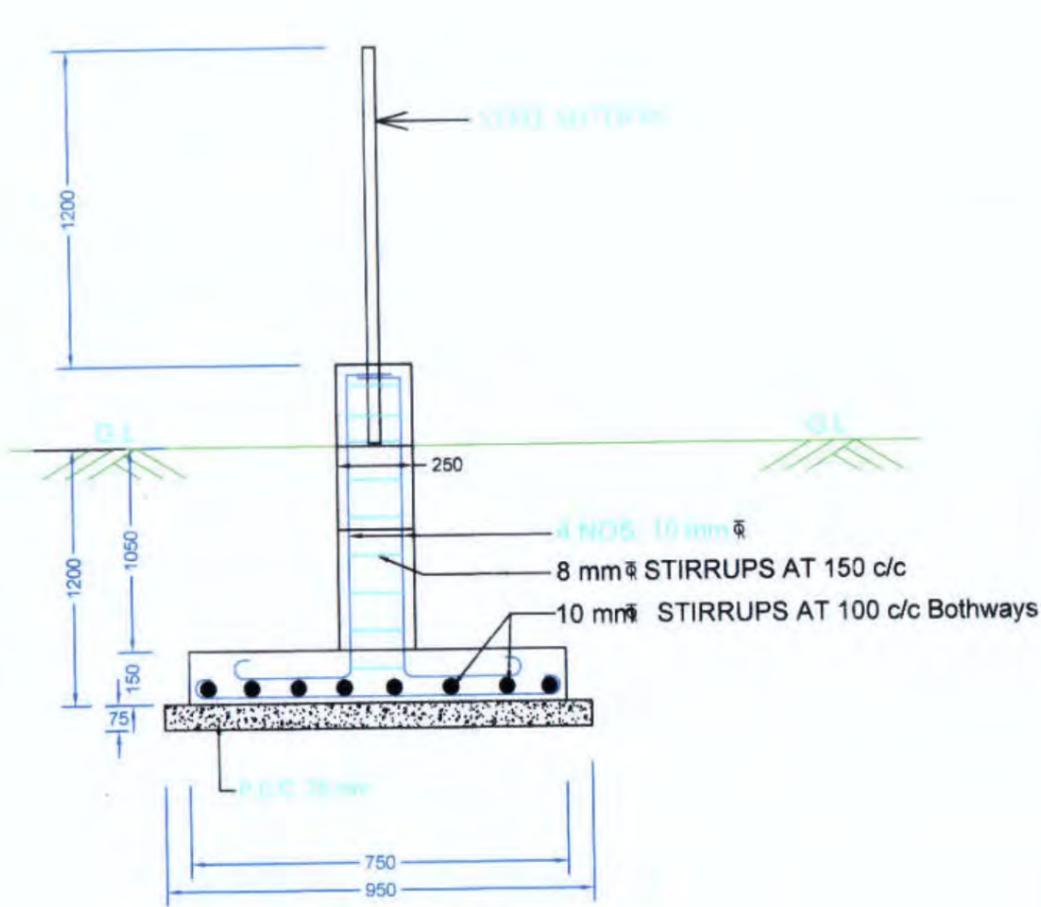
GENERAL ARRANGEMNT OF KATAL/JENG

DRAWING No. :

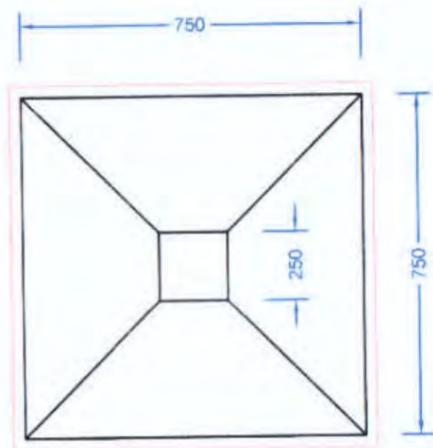
ASSAM/SWIFT/GR-08/SD/09

NOT TO SCALE

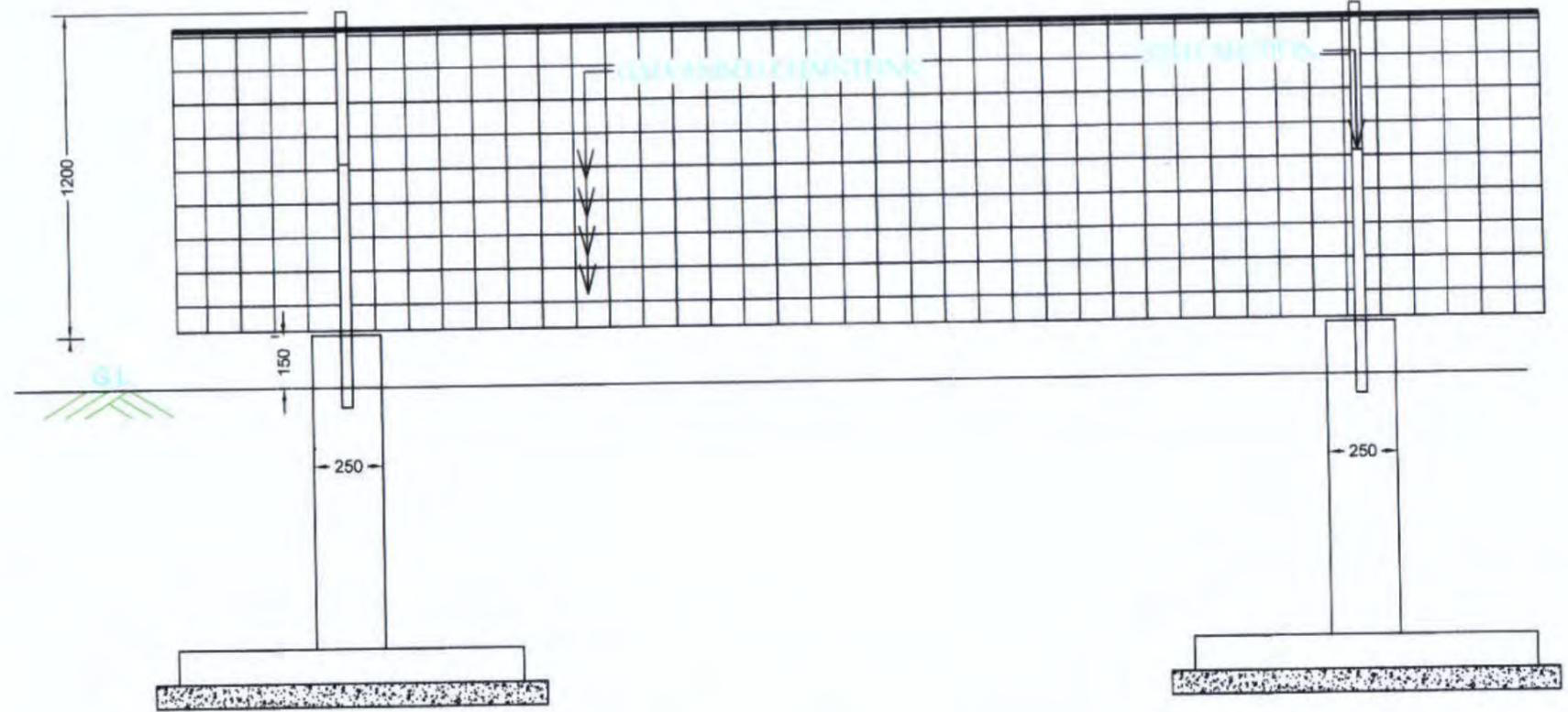
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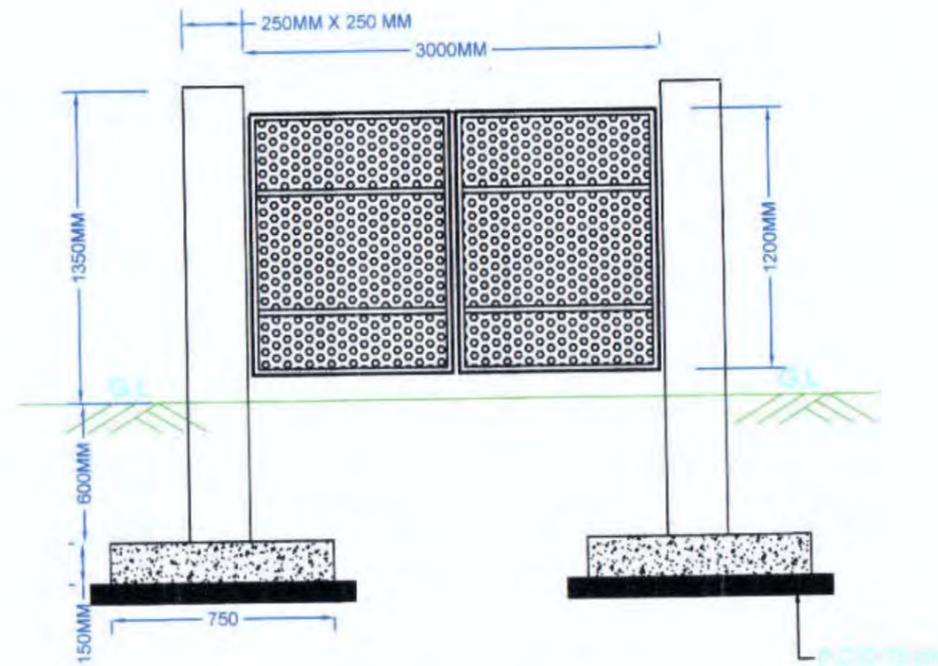
DETAIL OF FOOTING & COLUMN



PLAN FOR FOUNDATION



ELEVATION OF FENCING



ELEVATION OF IRON GATE

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DRAWING :

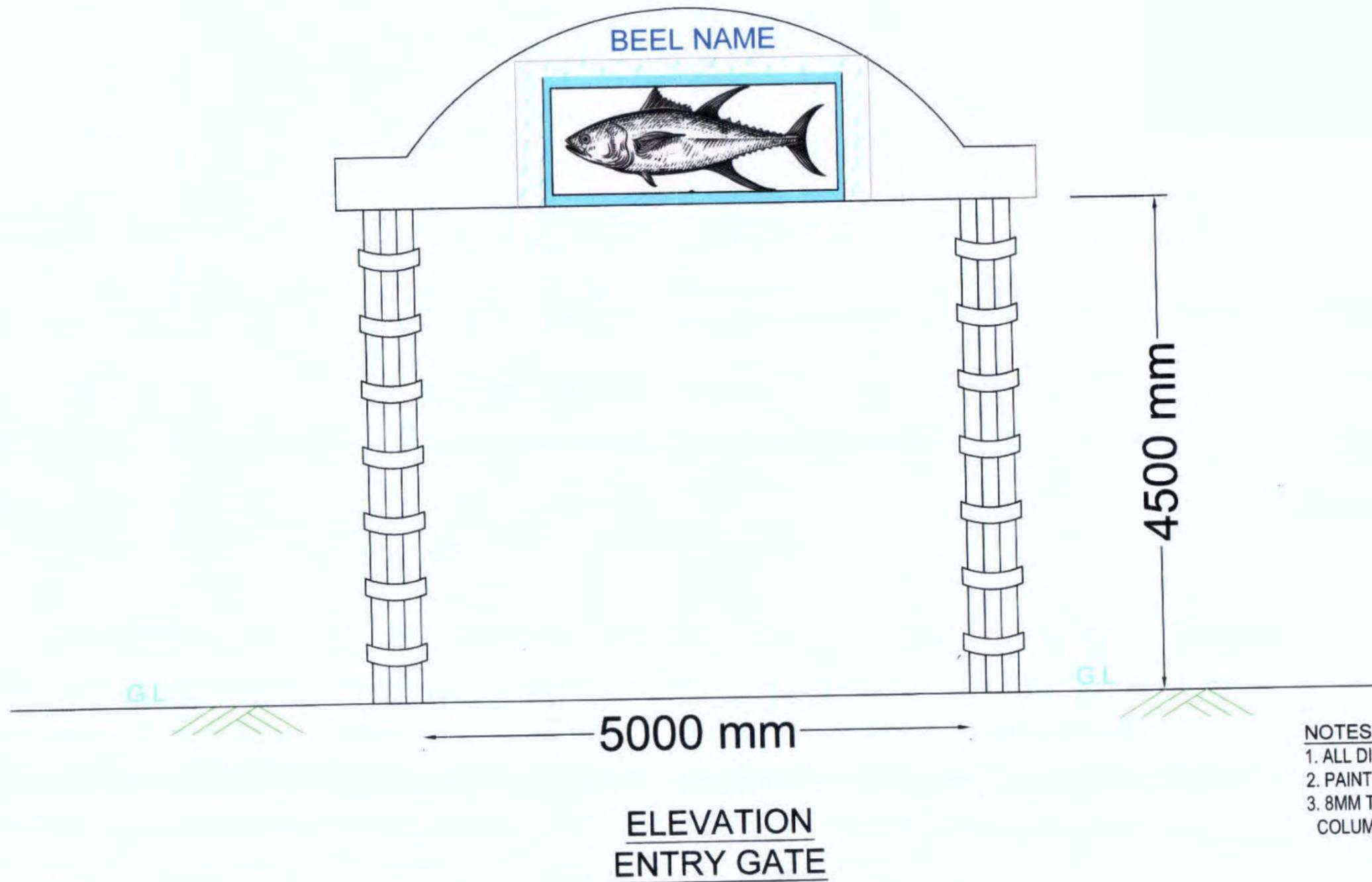
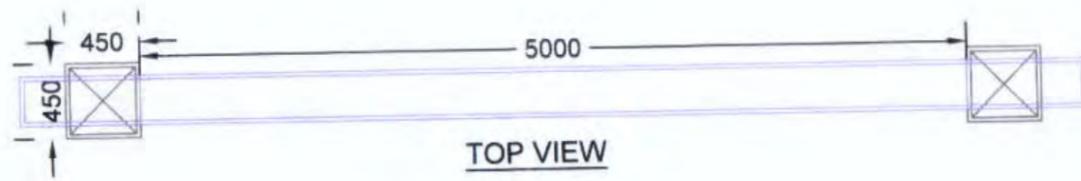
PLAN & CS OF FENCING WITH IRON GATE

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/10

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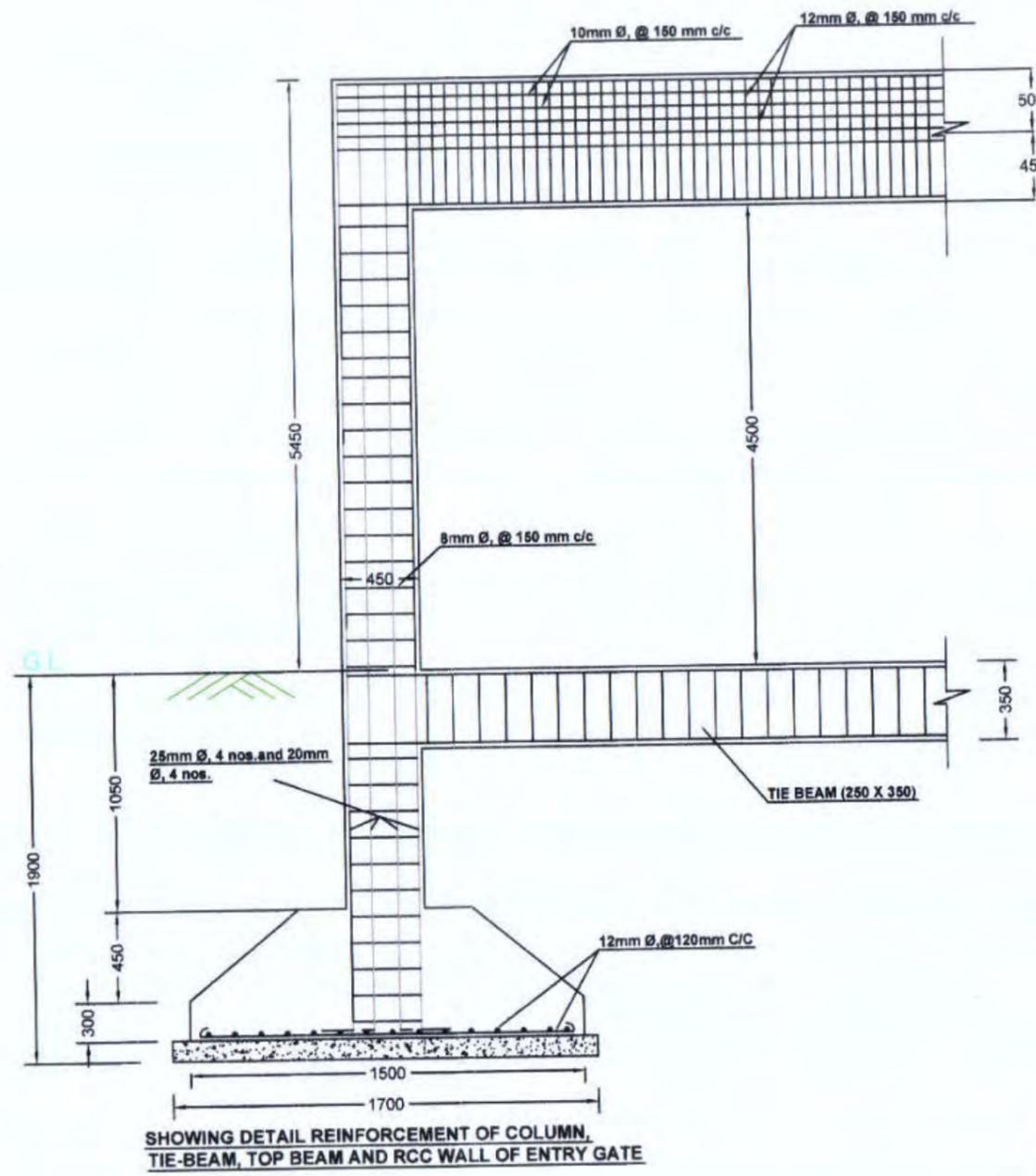
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**DRAWING :**  
**PLAN & ELEVATION OF**  
**ENTRY GATE**

**DRAWING No. :**  
ASSAM/SWIFT/GR-08/SD/11(A)

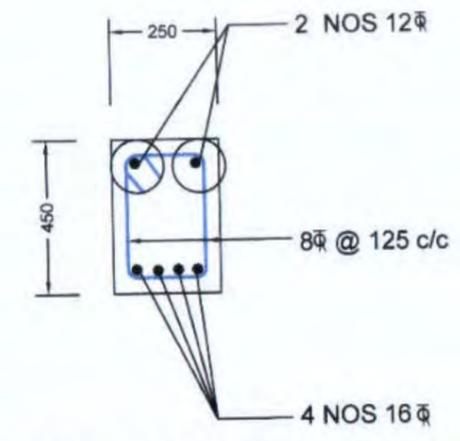
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**Agricultural Service Society**

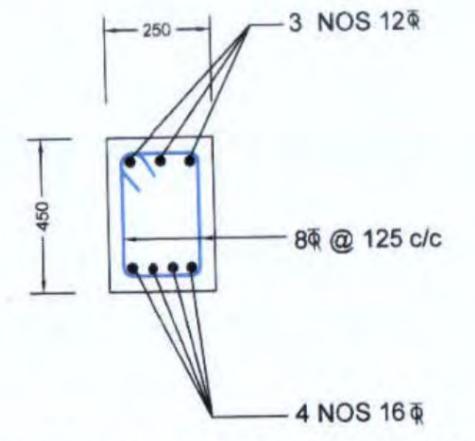


SHOWING DETAIL REINFORCEMENT OF COLUMN, TIE-BEAM, TOP BEAM AND RCC WALL OF ENTRY GATE

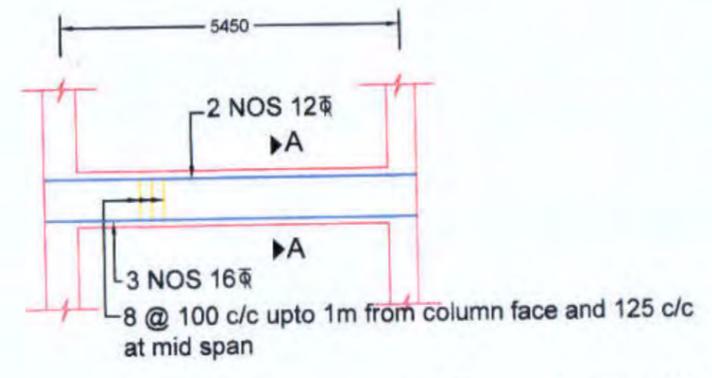
RCC WALL 200mm thick  
TOP BEAM (250 x 450)



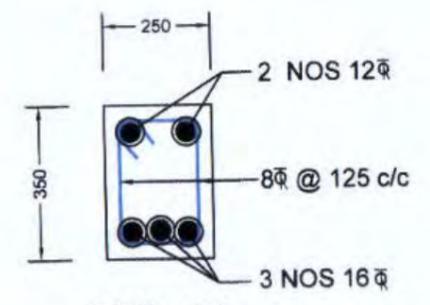
SECTION AT MID SPAN FOR TOP BEAM



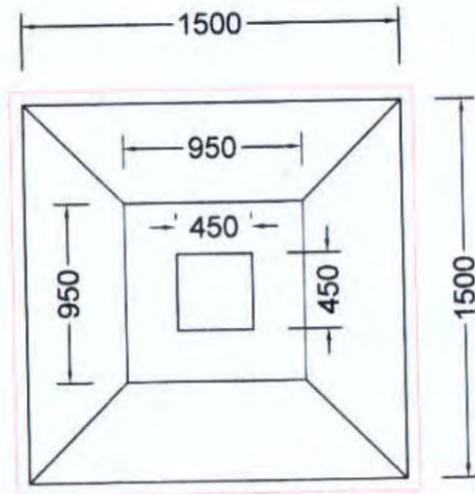
SECTIONS NEAR SUPPORT FOR TOP BEAM



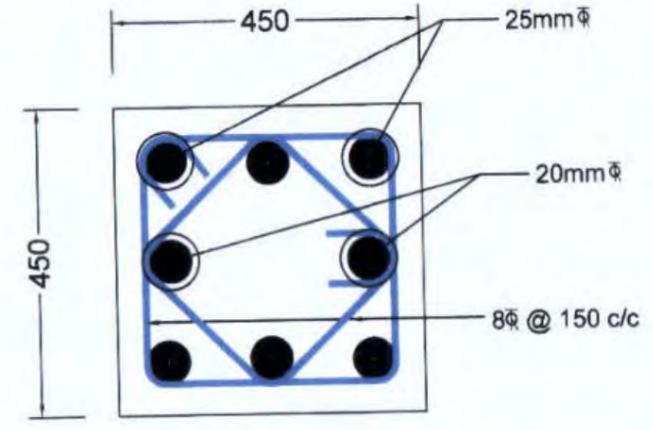
DETAIL OF TIE BEAM



SEC - AA



PLAN FOR FOUNDATION



COLUMN CROSS SECTION

- 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

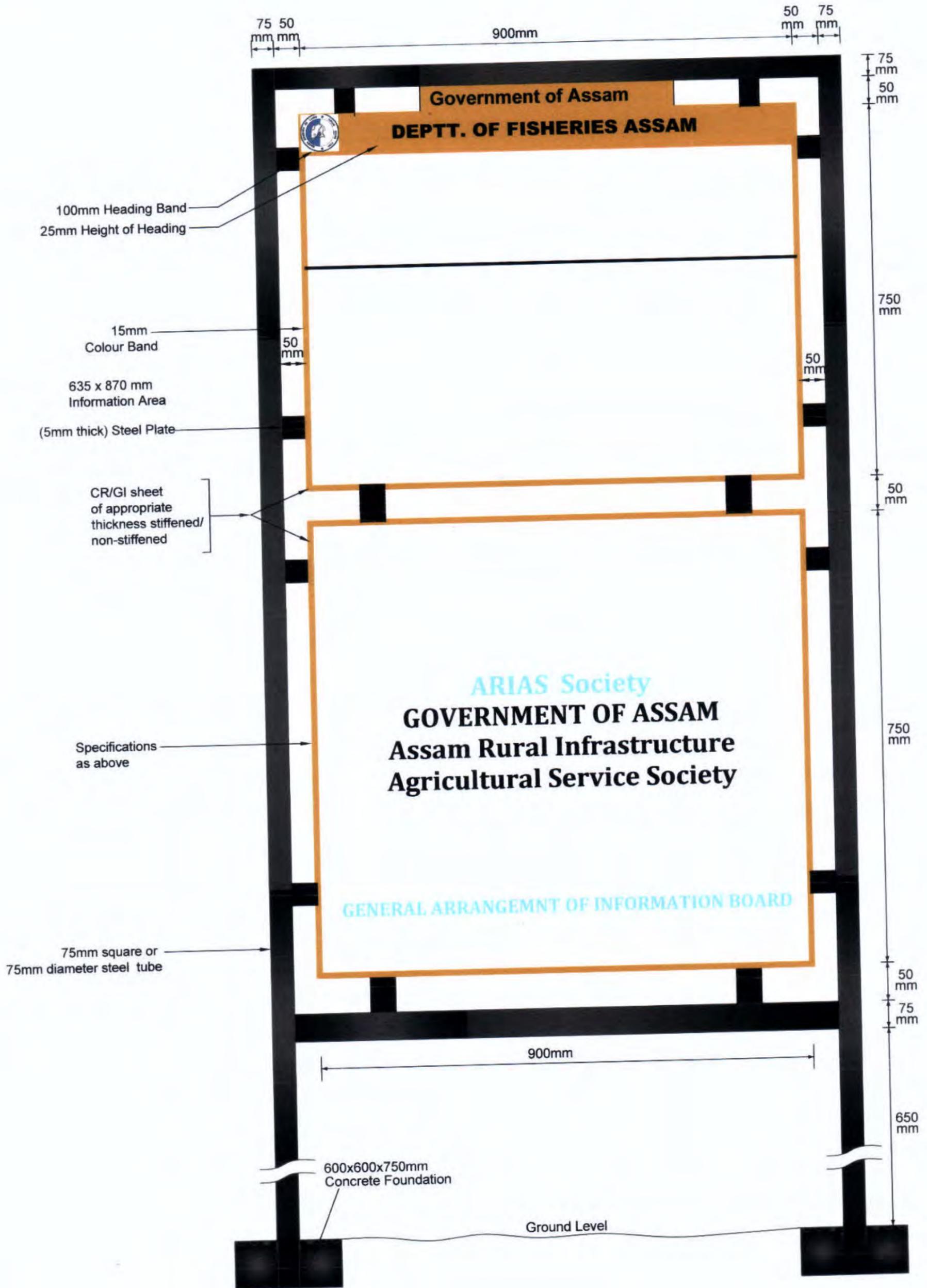
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DRAWING :  
**STRUCTURAL DETAILS OF ENTRY GATE**

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DRAWING :  
GENERAL ARRANGEMNT OF  
INFORMATION BOARD

DRAWING No. :  
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