

GOVERNMENT OF ASSAM

Name of Work:

**Jengoni Beel in Jorhat District : Conservation, Restoration
and Rejuvenation under Assam SWIFT Project.**

GROUP - 08

VOLUME II - DRAWINGS

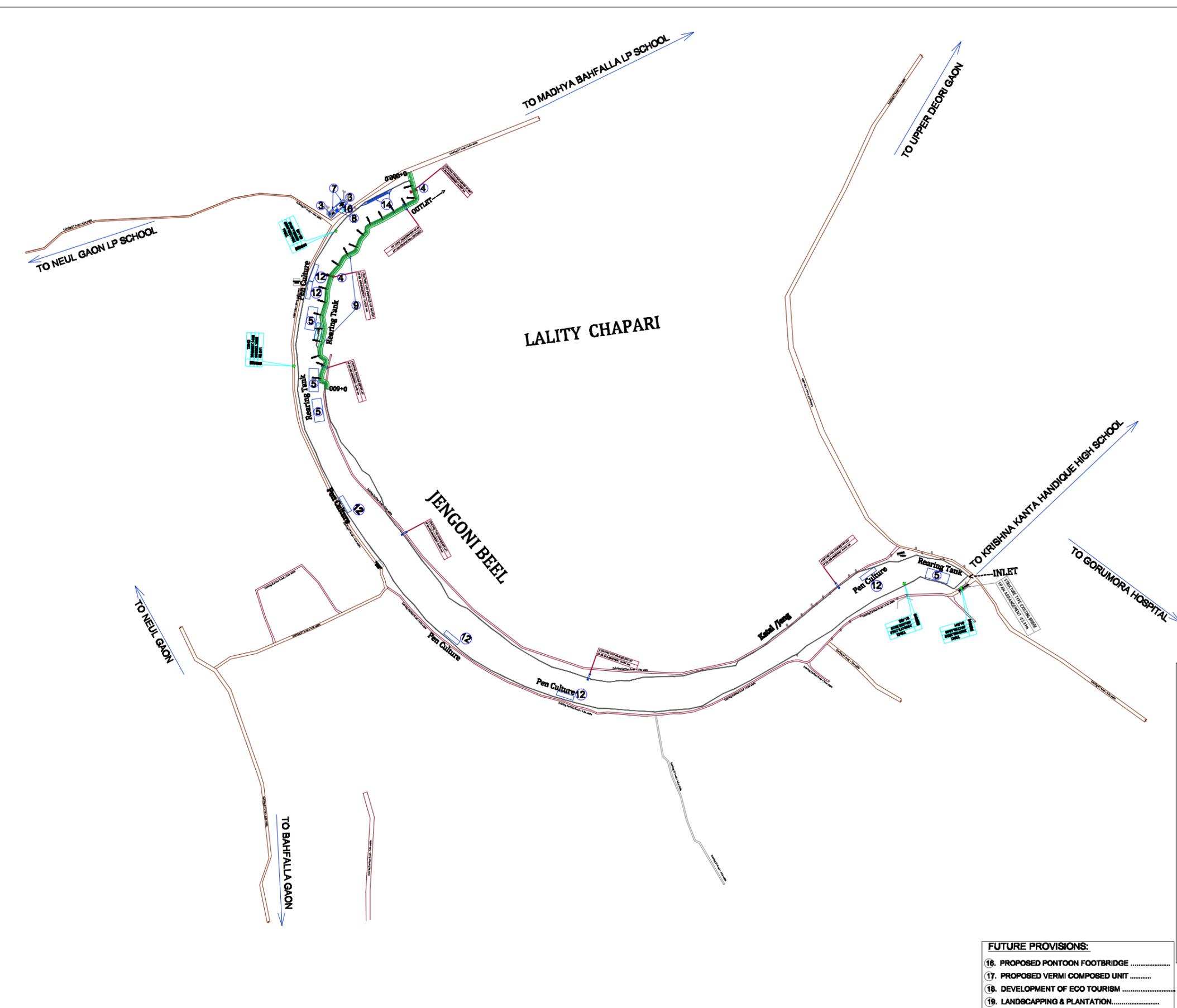
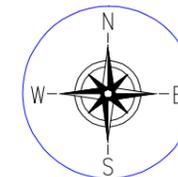
ARIAS Society

GOVERNMENT OF ASSAM

Assam Rural Infrastructure Agricultural Service Society

SL. NO.	TITLE	DRG. NO.
GENERAL		
ENGINEERING SURVEY & MAPS		
1	MASTER PLAN	ASSAM/SWIFT/GR-08/PLAN/01
2	LAYOUT PLAN	ASSAM/SWIFT/GR-08/PLAN/02
3	DRONE IMAGE	ASSAM/SWIFT/GR-08/PLAN/03
4	DE WEEDING MAP	ASSAM/SWIFT/GR-08/PLAN/04
5	BATHEMETRIC CONTOUR MAP	ASSAM/SWIFT/GR-08/PLAN/05
6	TOPOGRAPHIC CONTOUR MAP	ASSAM/SWIFT/GR-08/PLAN/06
7	LONGITUDINAL PROFILE OF BEEL	ASSAM/SWIFT/GR-08/PLAN/07
STANDARD DRAWINGS		
8	TYPICAL SECTION OF APPROACH ROAD & L - PROFILE	ASSAM/SWIFT/GR-08/SD/01
9	TYPICAL SECTION OF BUND	ASSAM/SWIFT/GR-08/SD/02
10	GENERAL ARRANGEMENT OF PIPE CULVERT, 2X1000MM DIA	ASSAM/SWIFT/GR-08/SD/03(C)
11	GENERAL ARRANGEMENT OF HUME PIPE LAY 600MM DIA	ASSAM/SWIFT/GR-08/SD/03(D)
12	PLAN, ELEVATION & CS OF COMMUNITY HALL	ASSAM/SWIFT/GR-08/SD/04
13	PLAN, ELEVATION & CS OF FISH LANDING CENTRE	ASSAM/SWIFT/GR-08/SD/05
14	OVER HEAD TANK 1000 LTR	ASSAM/SWIFT/GR-08/SD/06
15	PLAN & TYP. CS OF REARING TANK	ASSAM/SWIFT/GR-08/SD/07
16	GENERAL ARRANGEMNT OF PEN CULTURE	ASSAM/SWIFT/GR-08/SD/08
17	GENERAL ARRANGEMNT OF KATAL / JENG	ASSAM/SWIFT/GR-08/SD/09
18	GENERAL ARRANGEMNT OF DEMARCATION PILLAR	ASSAM/SWIFT/GR-08/SD/10
19	GENERAL ARRANGEMNT OF INFORMATION BOARD	ASSAM/SWIFT/GR-08/SD/11
20	FENCHING WITH IRON GATE	ASSAM/SWIFT/GR-08/SD/12
21	ENTRY GATE	ASSAM/SWIFT/GR-08/SD/13
22	GHAT OR STEPS	ASSAM/SWIFT/GR-08/SD/14

ENGINEERING SURVEY & MAPS



LEGEND :-

PROPOSED HP CULVERT	
PROPOSED 800MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUND	
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 CHANNEL	
EXT. EARTHEN ROAD	
EXISTING BITCC ROAD	

PROVISIONS:

- WEED CLEARANCE 86400 SQM.
- PROPOSED DE SILTING AREA..... 12100 CUM.
- PROPOSED FISH LANDING 1 NOS. (11.65 M x 7.50 M)
- PROPOSED CULVERT 7 NOS.

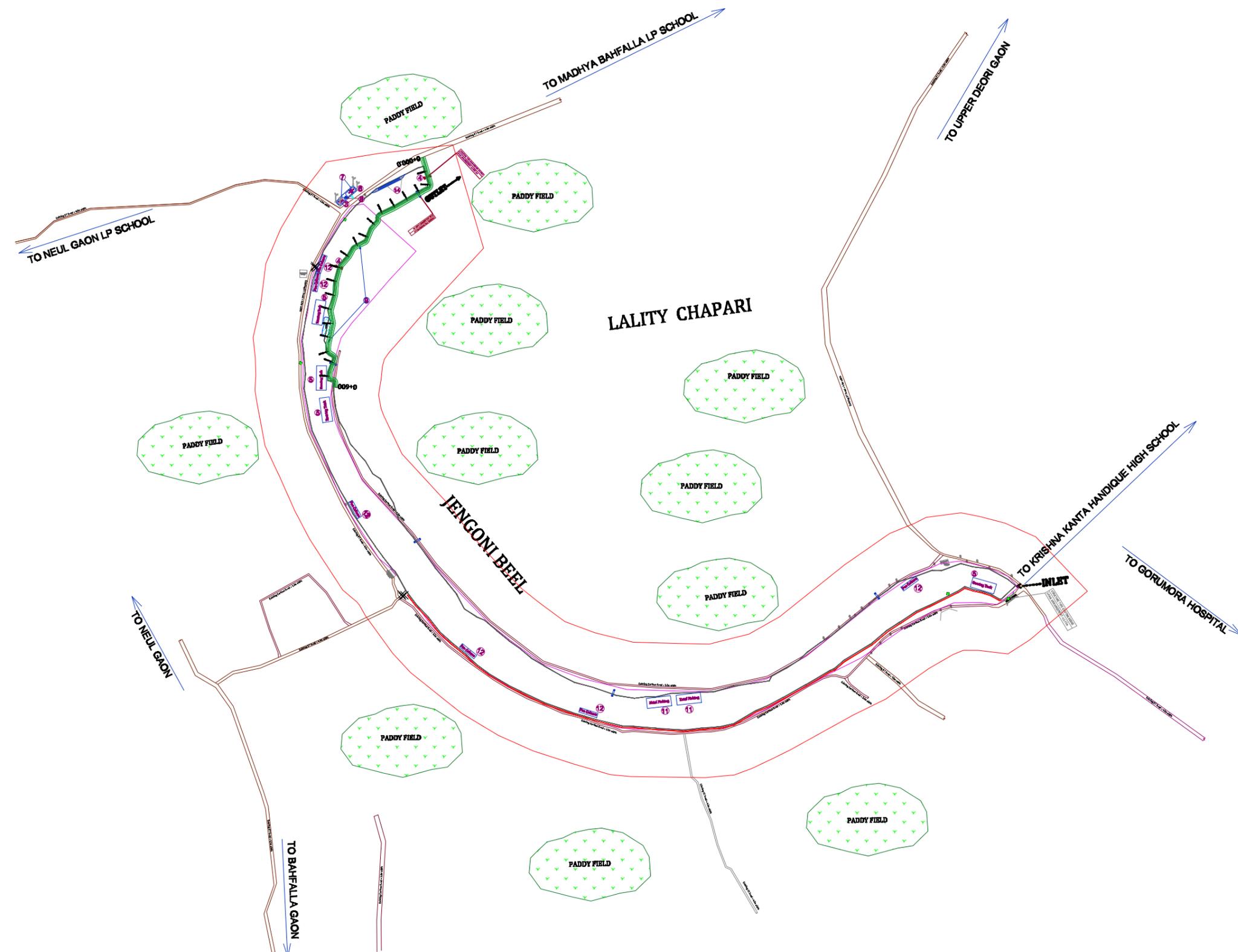
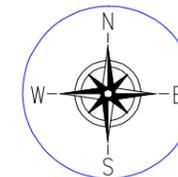
PIPE LAY (1 x 800 D)	8 NOS.	800MM DIA PIPE (1 x 800 D)	2 NOS.
4 NOS.			

- PROPOSED REARING TANK 4 NOS. (0.15 Ha each)
- PROPOSED COMMUNITY HALL CUM..... 1 NOS. WETLAND INFORMATION CENTRE (14.76 M x 13.60 M)
- PROP. BOUNDARY FENCING 194 M WITH IRON GATE. 2 Nos.
- PROP. STEEL OVER HEAD TANK (1000LTR) 1 NOS.
- PROPOSED PERIPHERAL BUND 600 M.
- PROPOSED SOLAR LAMP 5 NOS.
- PROPOSED KATAL/JENG 4 NOS. (0.2 Ha Each)
- PROPOSED PEN CULTURE 6 NOS. (i) REARING PEN - 2 Nos. (0.2 Ha Each) (ii) STOKING PEN - 4 Nos. (0.4 Ha Each)
- PROPOSED BAMBOO PARTITION 1 NOS. (30 M)
- PROPOSED GHAT/STEPS AT BEEL SIDE 50 Rm. & BOULDER APRON
- PROPOSED INFORMATION BOARD 2 NOS. (WIDTH-1.025M x HEIGHT-2.45M)
- PROPOSED APPROACH ROAD 10 M.

FUTURE PROVISIONS:

- PROPOSED PONTOON FOOTBRIDGE
- PROPOSED VERMI COMPOSED UNIT
- DEVELOPMENT OF ECO TOURISM
- LANDSCAPING & PLANTATION.....
- CRAFT & GEAR

Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANT) Corppt office Address SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI, KARNAPUR RD, ASSAM, PIN-781002. email:-basicconsultant@gmail.com Regd. Office Address H. HABRANGAON, BLDGROAD, HABRANGA, ASSAM, PIN-780002 email:-basicconsultant@gmail.com	NAME OF THE BEEL: JENGONI BEEL	AREA (Ha): 18 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: MASTER PLAN LAYOUT OF JENGONI BEEL DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/01	CLIENT: ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure and Agricultural Services Society	DATE: CHECKED BY: SUBMITTED TO: RECOMMENDED BY: APPROVED BY:			
	SCALE :- 1:1000	DISTRICT: JORHAT				DATE: DATE: DATE: DATE: TEAM LEAD: A.E. E.E. S.E.			



LEGEND :-

PROPOSED HP CULVERT	
PROPOSED 800MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNDH	
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 NALA	
EXT. EARTHEN ROAD	
EXISTING BT/CC ROAD	
PADDY FIELD / JUNGLE	

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp't Office Address
 SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI,
 KARNAPUR (PO), ASSAM, PIN-781002.
 email:-basicconsultant@gmail.com
 Reg'd. Office Address
 H. HABIBGANJ, BELURROAD,
 HADIGANJ, ASSAM, PIN-780002
 email:-basicconsultant@gmail.com

NAME OF THE BEEL:
JENGONI BEEL
SCALE :- 1:1000

AREA (Ha):
18 Ha
DISTRICT:
JORHAT

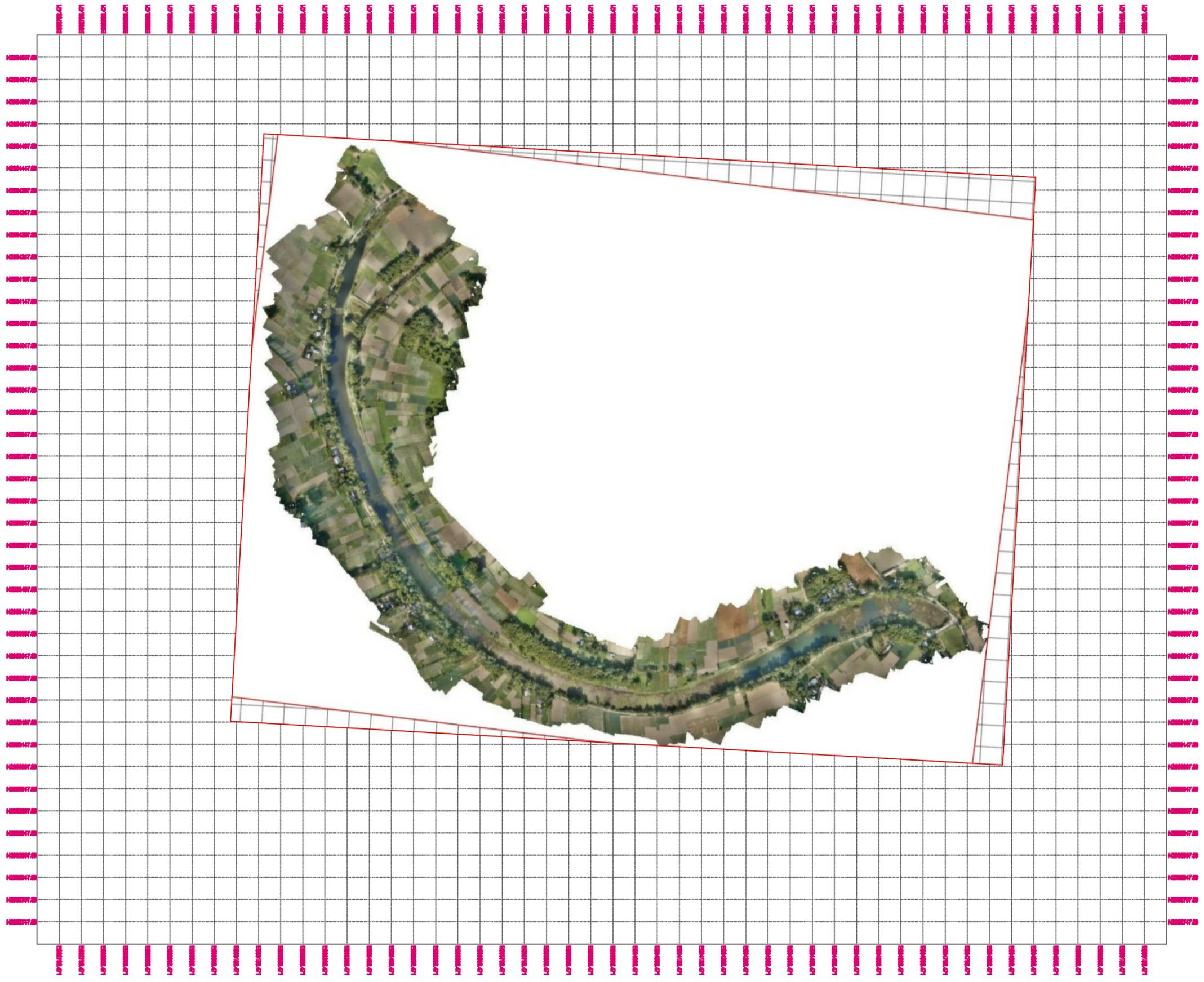
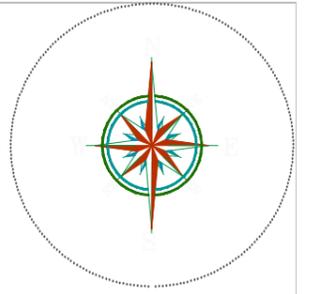
PROJECT TITLE:
SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT

DWG TITLE:
LAYOUT PLAN OF JENGONI BEEL
DRAWING NO :-
ASSAM/SWIFT/GR-08/PLAN/02

CLIENT:

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

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



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Current office Address
 SURVEY, Akota PATI, BOWEN RD-07, GOWANATI,
 KAMRUP DIST, ASSAM, PIN-781005.
 email-basicconsultant@yahoo.com
 Regd. Office Address
 H. HANMARDI, H. BARDAS,
 NAGARJA, ASSAM, PIN-781005.
 email-basicconsultant@yahoo.com

Name of Work:-
Jengoni Beel in Jorhat District: Conservation,
Restoration and Rejuvenation under Assam SWIFT Project.

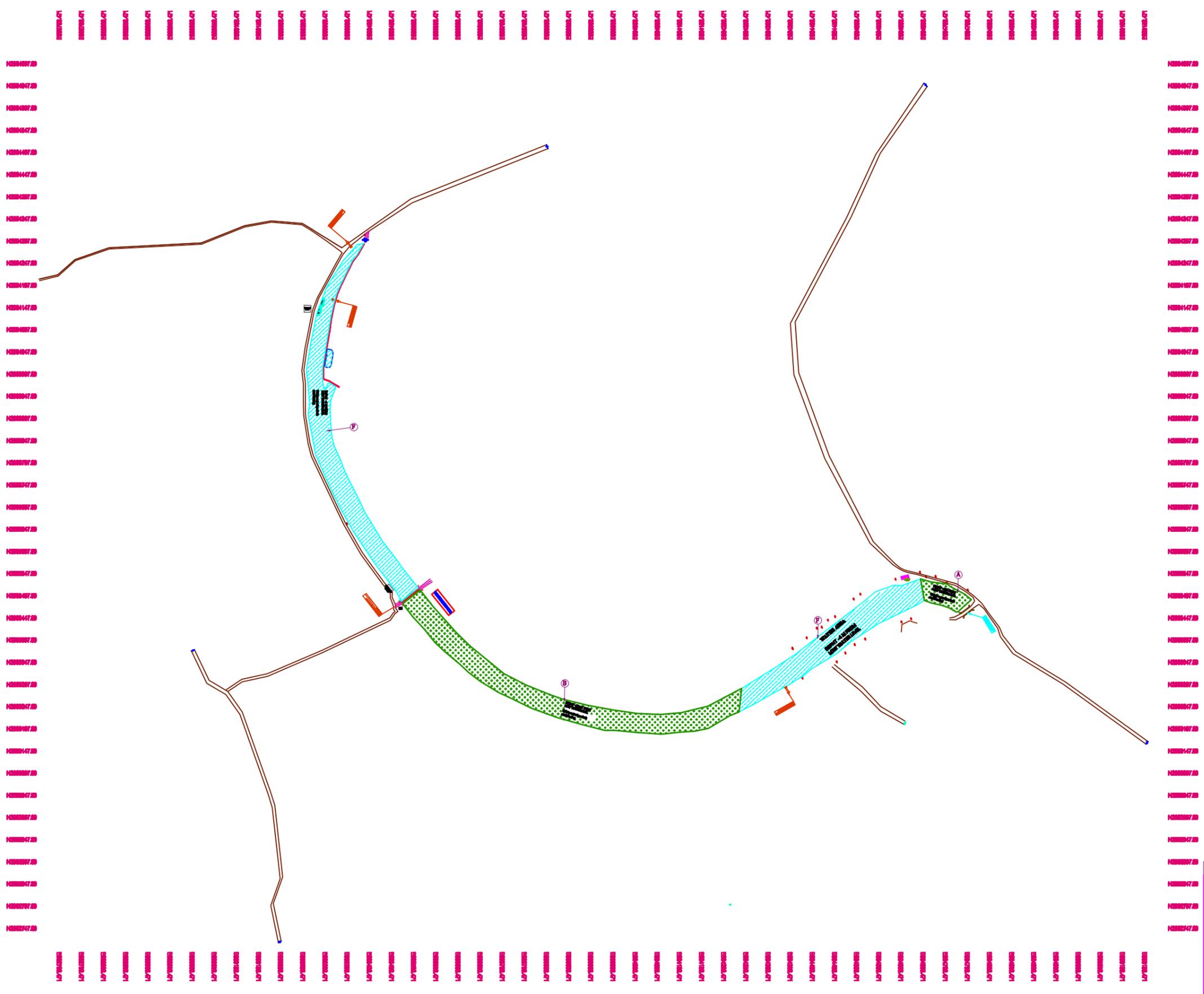
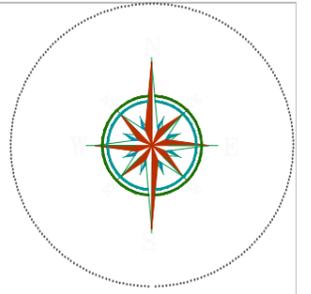
SCALE :- 1:1000

PACKAGE NO: 8

DRAWING :
DRONE SURVEY MAP

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

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



LEGEND :-

Thin and floating water weeds and other aquatic weeds etc.	
Medium and floating etc.	
Heavy and floating etc.	
CLEAR WATER AREA	

TOTAL AREA=66400.00 Sqm

AREA DETAILS

SL. NO	DESCRIPTION	AREA (Sq. m)
A	Thin and floating water weeds and other aquatic weeds etc.	2707.2716 SQ.M
B	Thin and floating water weeds and other aquatic weeds etc.	2288.8816 SQ.M
C	Thin and floating water weeds and other aquatic weeds etc. upto a depth of 100 cm.	3844.6681 SQ.M
D	Medium and floating water weeds and other aquatic weeds upto a depth of 100 cm to 200 cm.	2497.5716 SQ.M
E	Heavy and floating water weeds and other aquatic weeds upto a depth of 100 cm to 200 cm.	18793.3022 SQ.M
F	CLEAR WATER AREA	50000.00 sq.m

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Current Office Address
 SURVEY, Akota PATI, BOWEN RD-07, GUWAHATI,
 KAMRUP DIST, ASSAM, PIN-781005.
 email- basicconsultant@gmail.com
 Regd. Office Address
 H. HANMARDON, H. BORDA,
 NAGALAND, ASSAM, PIN-781005.
 email- basicconsultant@gmail.com

Name of Work:-
Jengoni Beel in Jorhat District: Conservation,
Restoration and Rejuvenation under Assam SWIFT Project.

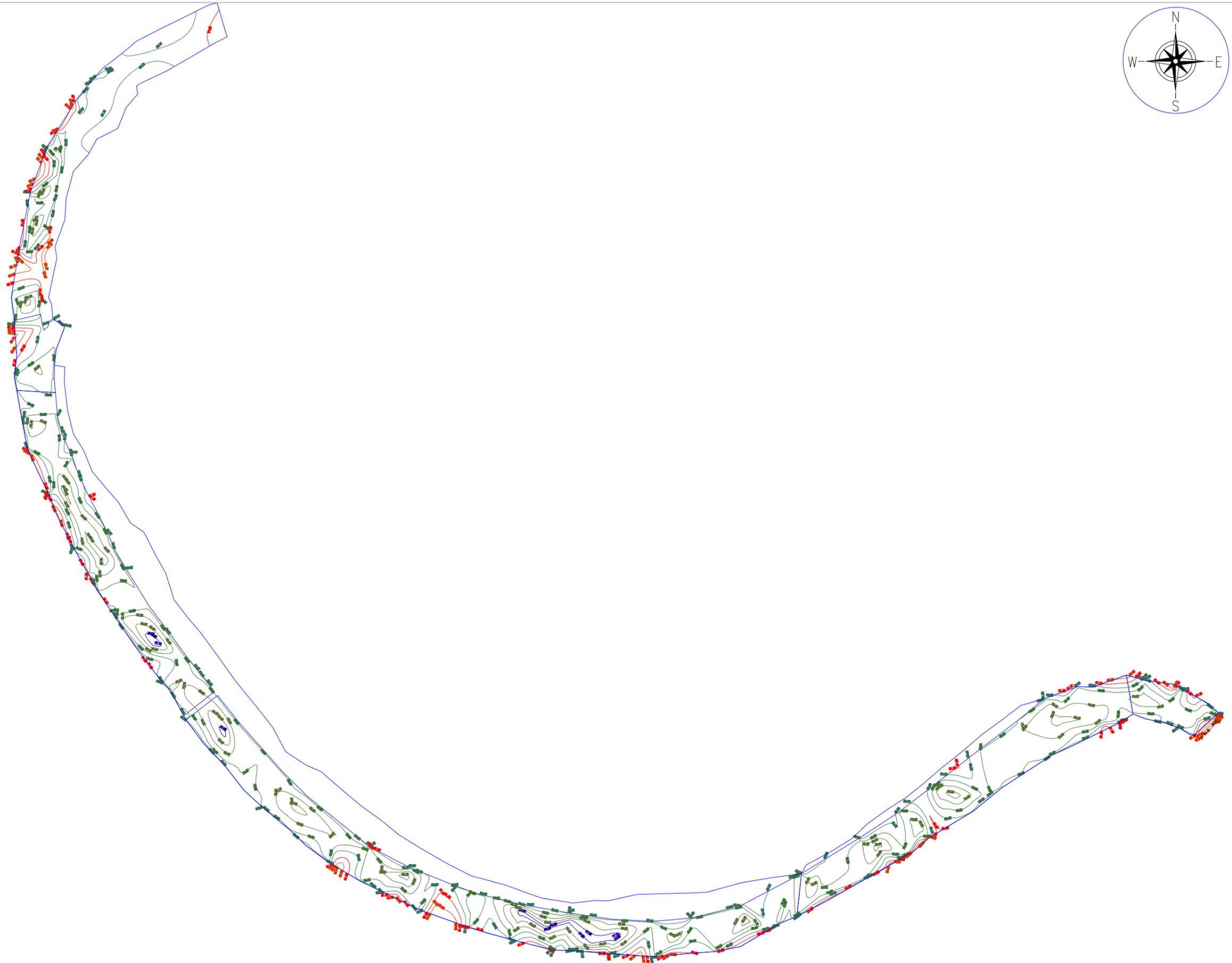
SCALE :- 1:1000

PACKAGE NO: 8

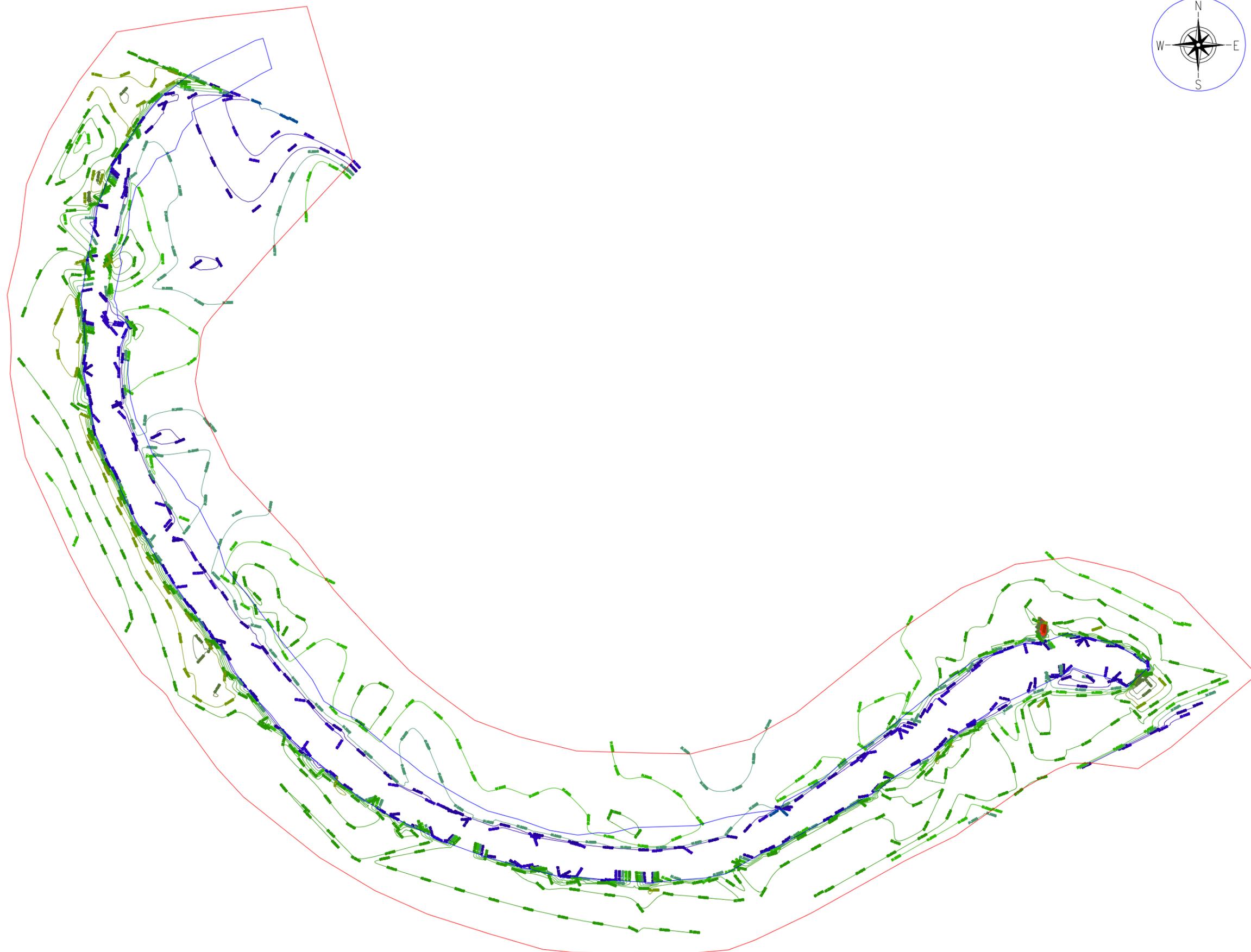
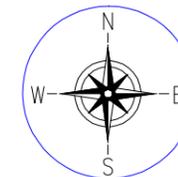
DRAWING :
DE WEEDING MAP

DRAWING NO :-
ASSAM/SWIFT/GR-08/PLAN/07

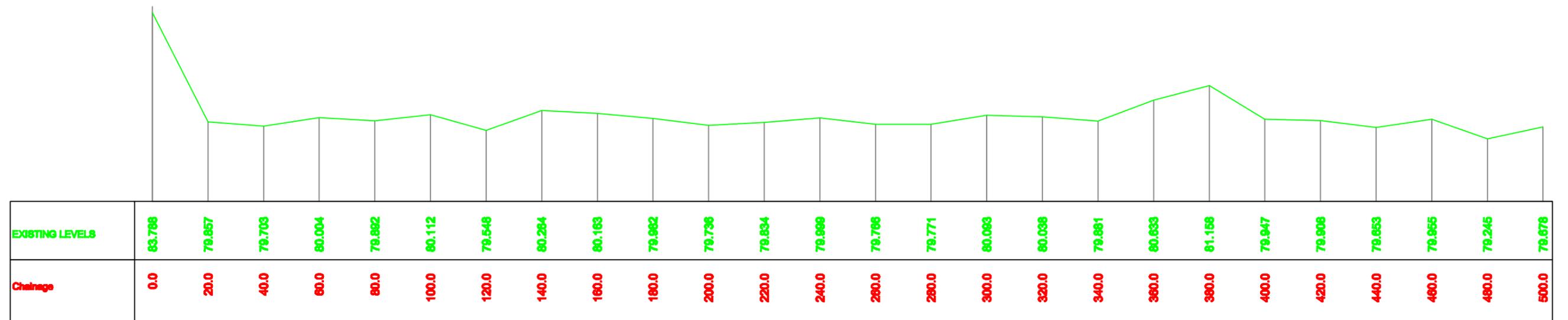
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANT) <small>Corprt office Address SURVEY, AJAKTA PATH, HOUSE NO-27, GUNAHATI, KAMRUP (M), ASSAM, PIN-781008. email:-basicoconsultant@gmail.com</small> <small>Regd. Office Address H. HABRANGACH, I.L.D.ROAD, NABACH, ASSAM, PIN-782002 email:-basicoconsultant@gmail.com</small>	NAME OF THE BEEL: JENGOINI BEEL	AREA (Ha): 18.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: BATHEMETRIC CONTOUR MAP OF JENGOINI BEEL	CLIENT: 	DATE:			
	SCALE :- 1:1000	DISTRICT: JORHAT		DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/05		CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:
						DATE: TEAM LEAD	DATE: A.E.	DATE: E.E.	DATE: S.E.



Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANT) <small>Corporat office Address SURVEY, AANANTA PATH, HOUSE NO-27, GUNAHATI, KAMRUP (M), ASSAM, PIN-781028. email:-basicconsultant@gmail.com</small> <small>Regd. Office Address H. HABIBGANJ, H.D.ROAD, NAGACH, ASSAM, PIN-782008 email:-basicconsultant@gmail.com</small>	NAME OF THE BEEL: JENGOINI BEEL	AREA (Ha): 18.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: TOPOGRAPHIC CONTOUR MAP OF JENGOINI BEEL	CLIENT:  <small>Assam Rural Infrastructure and Agricultural Services Society</small>	DATE:			
	SCALE :- 1:1000	DISTRICT: JORHAT				CHECKED BY: 	SUBMITTED TO: 	RECOMMENDED BY: 	APPROVED BY:
				DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/06		TEAM LEAD	A.E.	E.E.	S.E.



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SERVIT, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUJ, Dist, ASSAM, PIN-781002.
 email:-basicconsultant@yahoo@gmail.com
 Regd. Office Address
 H. HARBARDI, K.B. ROAD,
 NABACH, ASSAM, PIN-785322
 email:-basicconsultant@gmail.com

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

PACKAGE NO: 8

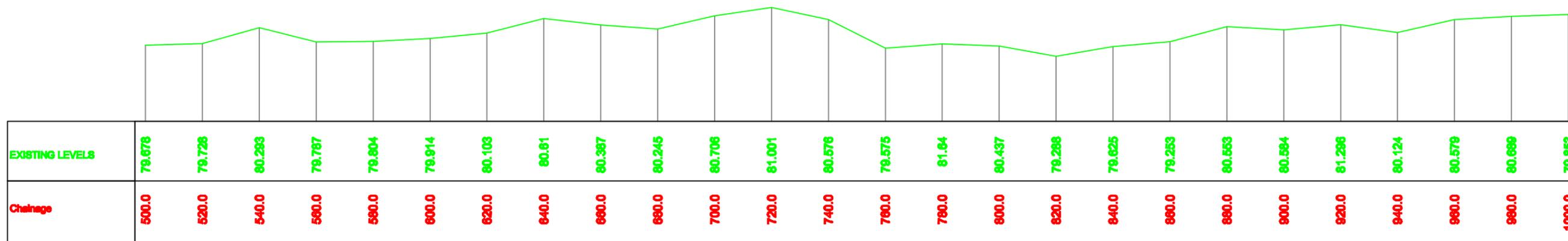
DRAWING :

LONGITUDINAL PROFILE OF BEEL

DRAWING NO

ASSAM/SWIFT/GR-08/PLAN/07

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



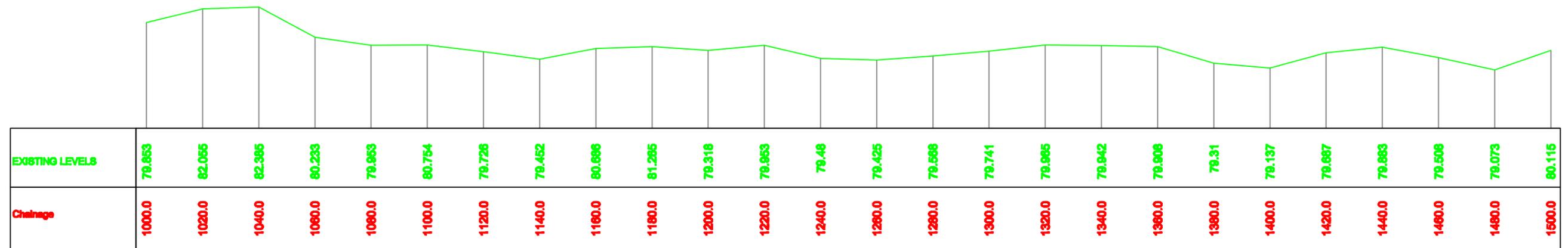
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Carpet office Address
 GURPREY, Ahasni PATH, HOUSE NO-47, GUNABATI,
 KAMRUP (M), ASSAM, PIN-781002.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 H. HABIBNAGH, BLDG. NO. 1,
 BARACH, ASSAM, PIN-781002
 email:-basicconsultant@gmail.com

Name of Work:-
Jengoni Beel in Jorhat District: Conservation,
Restoration and Rejuvenation under Assam SWIFT Project.

PACKAGE NO: 8

DRAWING :
 LONGITUDINAL PROFILE OF BEEL
 DRAWING NO
 ASSAM/SWIFT/GR-08/PLAN/07

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SERVIT, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUJ, Dist, ASSAM, PIN-781002.
 email:-basicconsultant@yahoo@gmail.com
 Regd. Office Address
 H. HABIBSABAH, K.B.ROAD,
 NABACH, ASSAM, PIN-782202
 email:-basicconsultant@gmail.com

Name of Work:-
Jengoni Beel in Jorhat District: Conservation,
Restoration and Rejuvenation under Assam SWIFT Project.

PACKAGE NO: 8

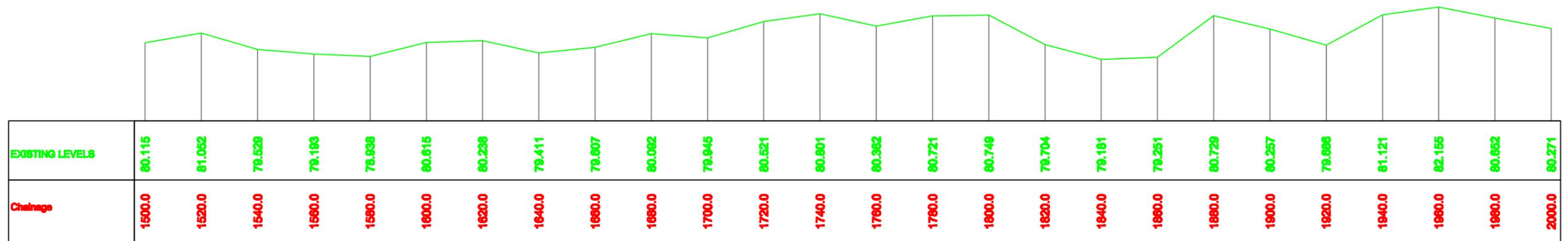
DRAWING :

LONGITUDINAL PROFILE OF BEEL

DRAWING NO

ASSAM/SWIFT/GR-08/PLAN/07

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SERVICE, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUPOH DIST, ASSAM, PIN-781002.
 email:-basicconsultant@yahoo@gmail.com
 Regd. Office Address
 H. HARBARDI, K.B. ROAD,
 NABACH, ASSAM, PIN-782202
 email:-basicconsultant@gmail.com

Name of Work:-
Jengoni Beel in Jorhat District: Conservation,
Restoration and Rejuvenation under Assam SWIFT Project.

PACKAGE NO: 8

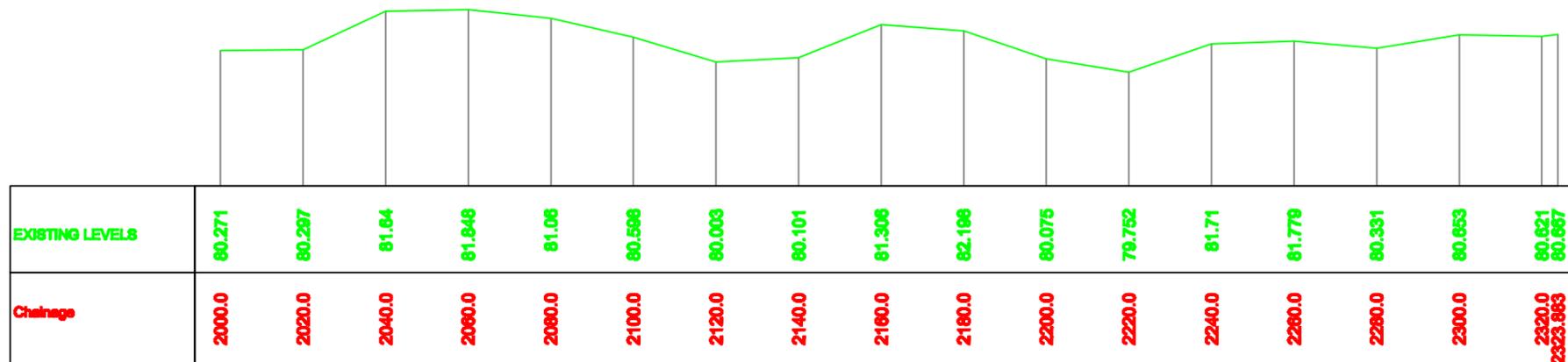
DRAWING :

LONGITUDINAL PROFILE OF BEEL

DRAWING NO

ASSAM/SWIFT/GR-08/PLAN/07

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SERVIT, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUPOH DIST, ASSAM, PIN-781002.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 N. HABARBACH, K.B. ROAD,
 HABACH, ASSAM, PIN-785202
 email:-basicconsultant@gmail.com

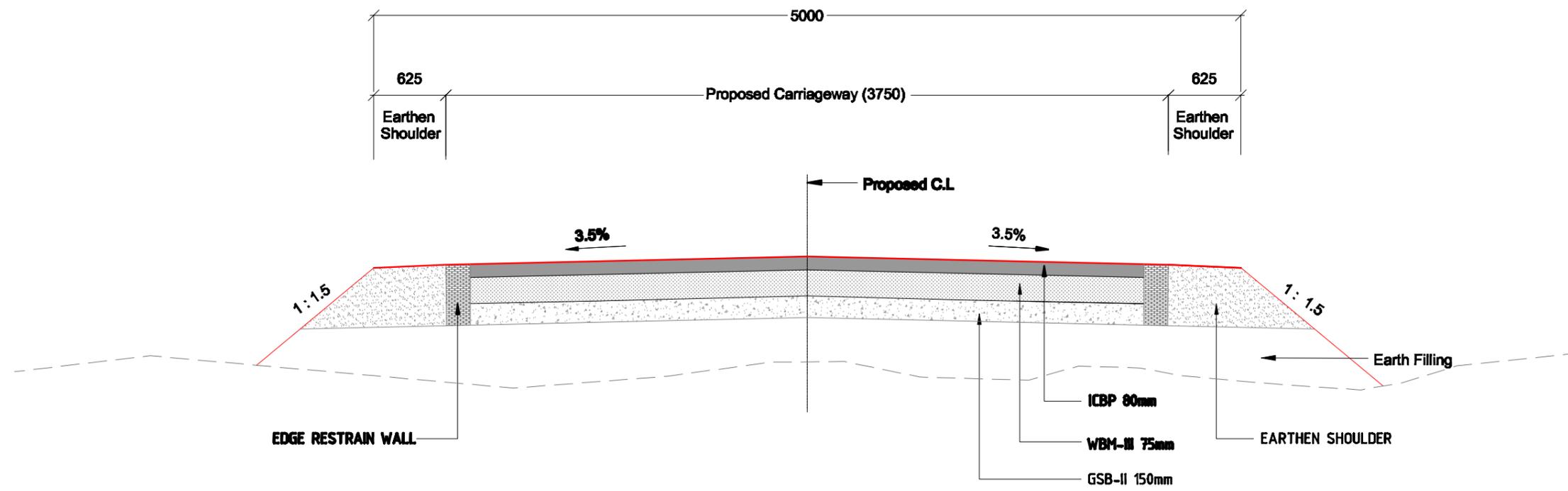
Name of Work:-
Jengoni Beel in Jorhat District: Conservation,
Restoration and Rejuvenation under Assam SWIFT Project.

PACKAGE NO: 8

DRAWING :
 LONGITUDINAL PROFILE OF BEEL
 DRAWING NO
 ASSAM/SWIFT/GR-08/PLAN/07

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society

STANDARD DRAWINGS



TYPICAL CROSS SECTION FOR APPROACH ROAD

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. Office Address
 69/67, A. J. PATH, HOUSE NO-47, GURBAHAT,
 KAMRUJ P.O., ASSAM, PIN-781002.
 email- basicconsultant@gmail.com
 Regd. Office Address
 H. BARBARHATI, BLD. ROAD,
 HADACH, ASSAM, PIN-781002
 email- basicconsultant@gmail.com

DRAWING NO
ASSAM/SWIFT/GR-08/SD/01

DRAWING :
 Typical Cross Section

NOT TO SCALE

PACKAGE NO: 8

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society

DATUM = 84.00 M



FRL	85.348	85.296
OGL	84.793	84.583
CHAINAGE	0.000	10.000

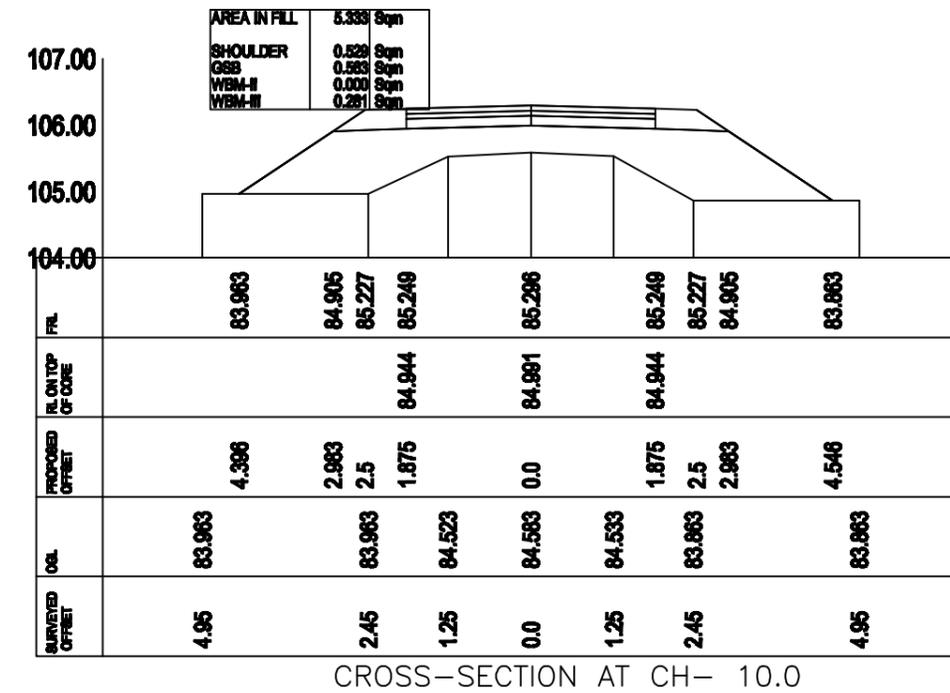
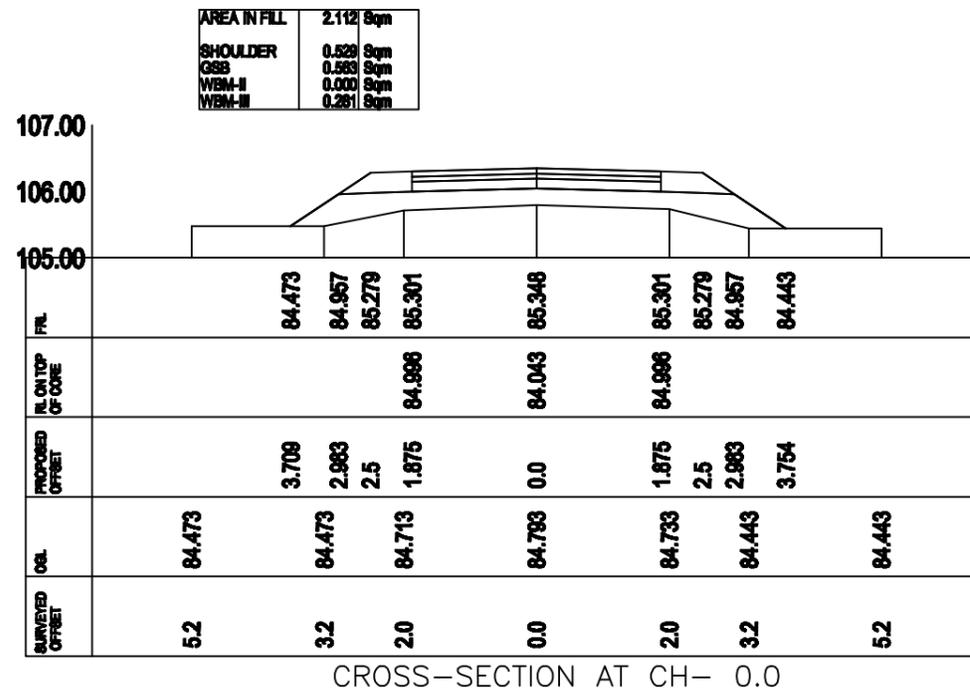
Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corpt office Address
SURVEY, Amdin PATH, HOUSE NO-87, GUWAHATI,
KAMRUPOH, ASSAM, PIN-781002.
email- basicconsultant@yahoo.com
Regd. Office Address
N. HABURBACH, BLD.ROAD,
NABACH, ASSAM, PIN-782002
email- basicconsultant@yahoo.com

Name of Work:-
Jengoni Beel In Jorhat District : Conservation, Restoration and
Rejuvenation under Assam SWIFT Project.

DRAWING :
L PROFILE OF APPROACH ROAD

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

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANTS)
 Carpet office Address
 SURVEY, Agara PATH, HOUSE NO-27, GUNAMATI,
 KAMRUPOUR (P.O), ASSAM, PIN-781002.
 email:-basicconsultant@yahoo.com

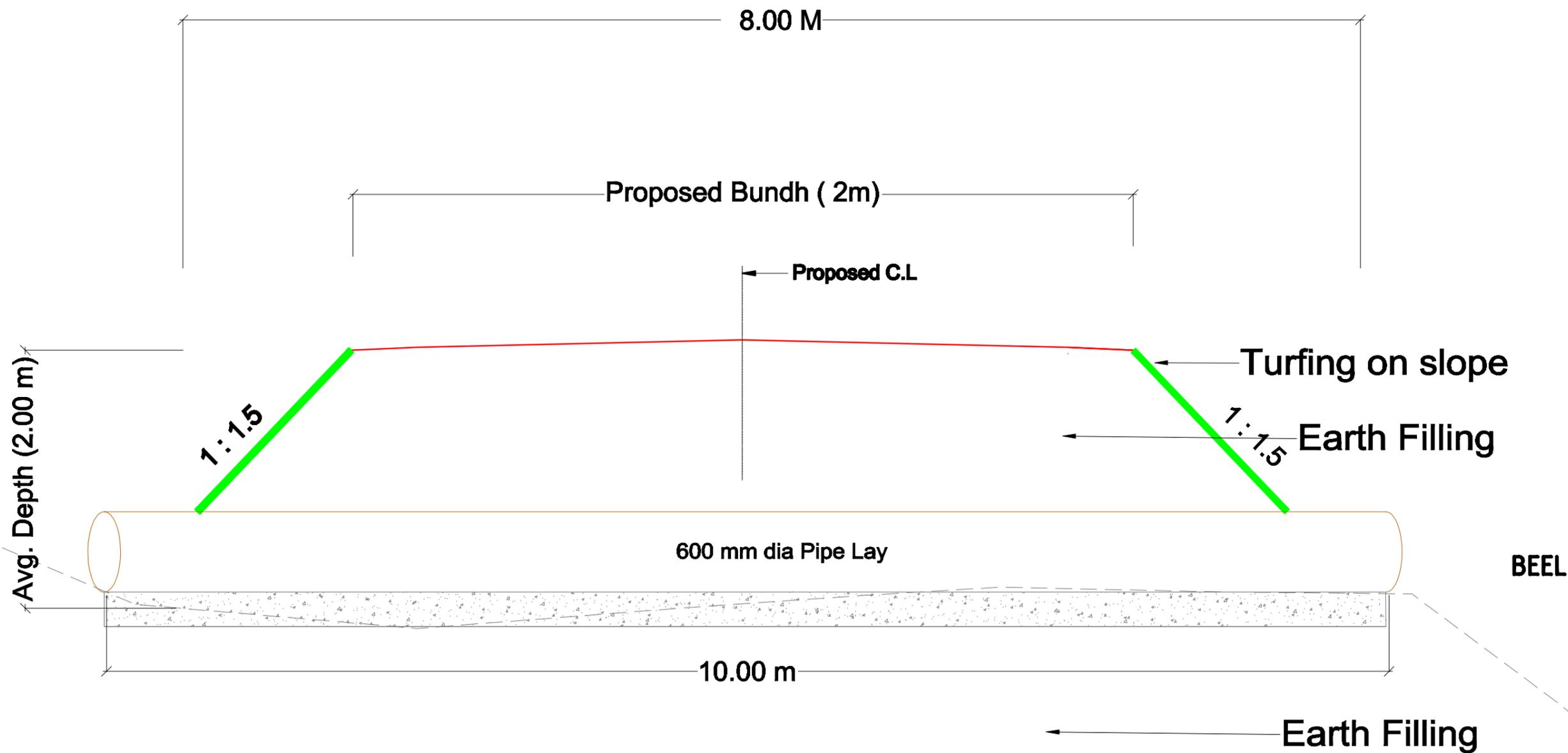
Regd. Office Address
 H. HABARBACH, BLD.ROAD,
 NABACH, ASSAM, PIN-781002
 email:-basicconsultant99@gmail.com

Name of Work:-
Jengoni Beel In Jorhat 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



Typical Cross Section for Bundh (With HP laying)

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. Office Address
 60/61, A. J. PATH, HOUSE NO-47, GUNAWATI,
 KAMRUJ P.O., ASSAM, PIN-781002.
 email: basicconsultant@gmail.com
 Regd. Office Address
 H. BARANDEI, BLD. ROAD,
 HADACH, ASSAM, PIN-781002
 email: basicconsultant@gmail.com

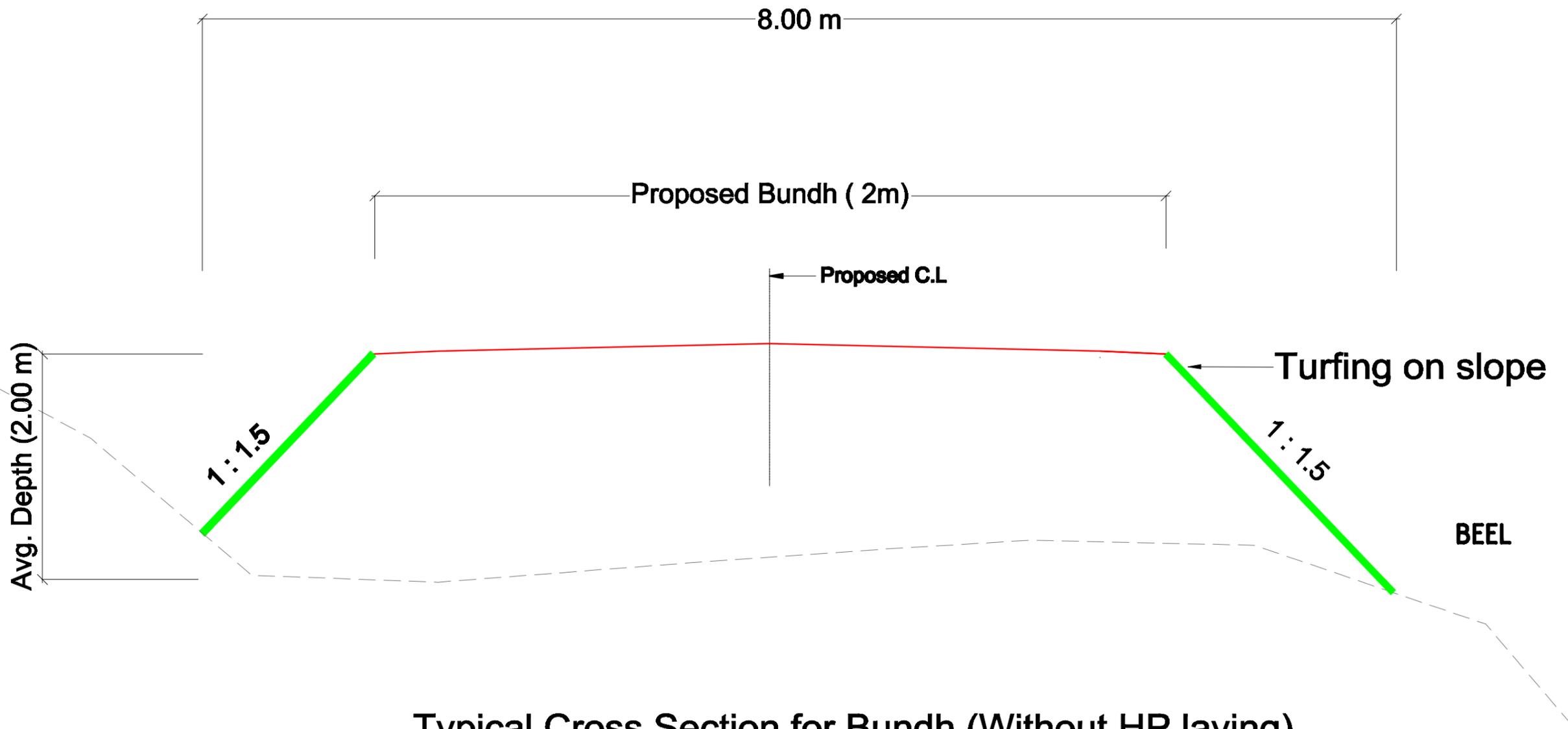
DRAWING NO
ASSAM/SWIFT/GR-08/SD/02(A)

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
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. Office Address
 SURESH, A/101 PATH, HOUSE NO-47, GUNAHATI,
 KAMRUPOUR P.O., ASSAM, PIN-781002.
 email:- basicconsultant@yahoo.com
 Regd. Office Address
 H. SABAIBHARI, BLDG ROAD,
 HADACHAN, ASSAM, PIN-781002
 email:- basicconsultant@yahoo.com

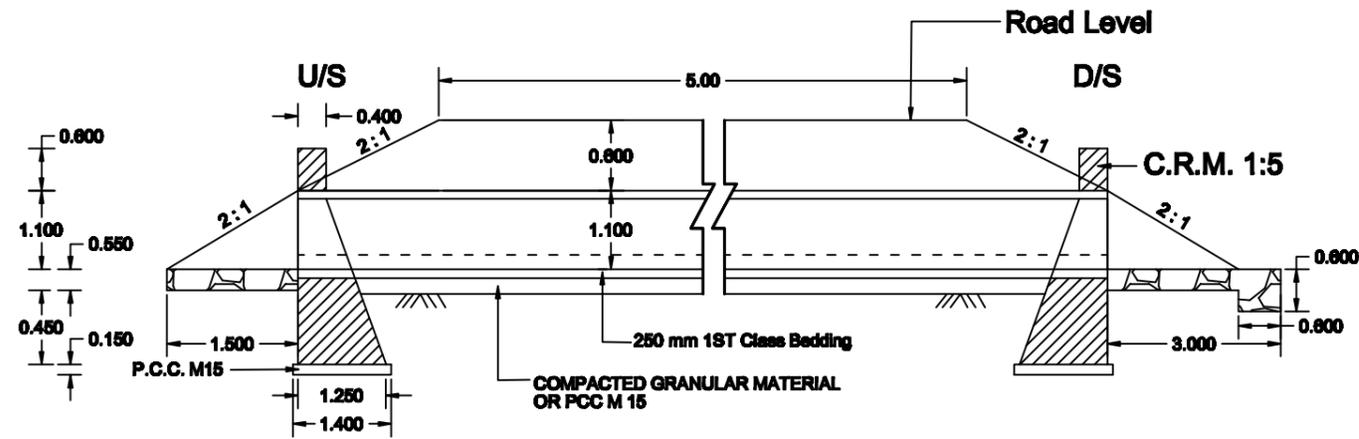
DRAWING NO
ASSAM/SWIFT/GR-08/SD/02(A)

DRAWING :
 TYPICAL SECTION OF BUND
 (Without HP Laying)

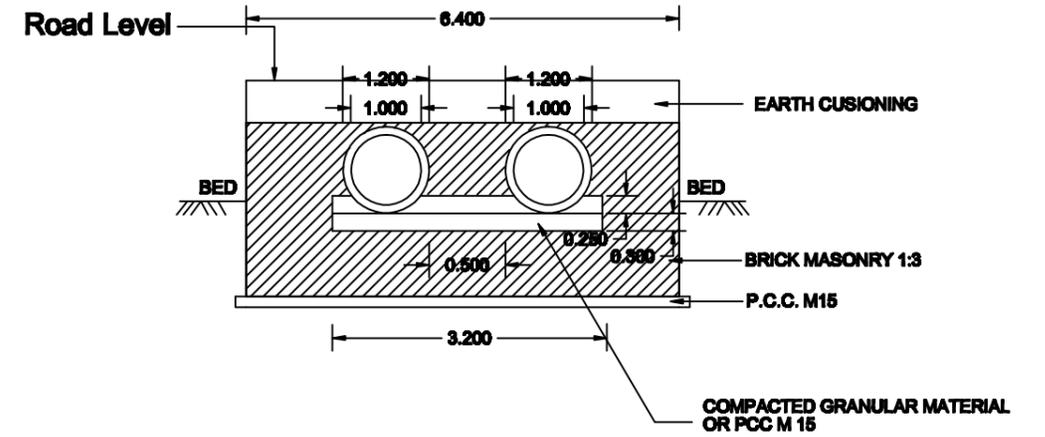
SCALE :- 1:1000

PACKAGE NO: 8

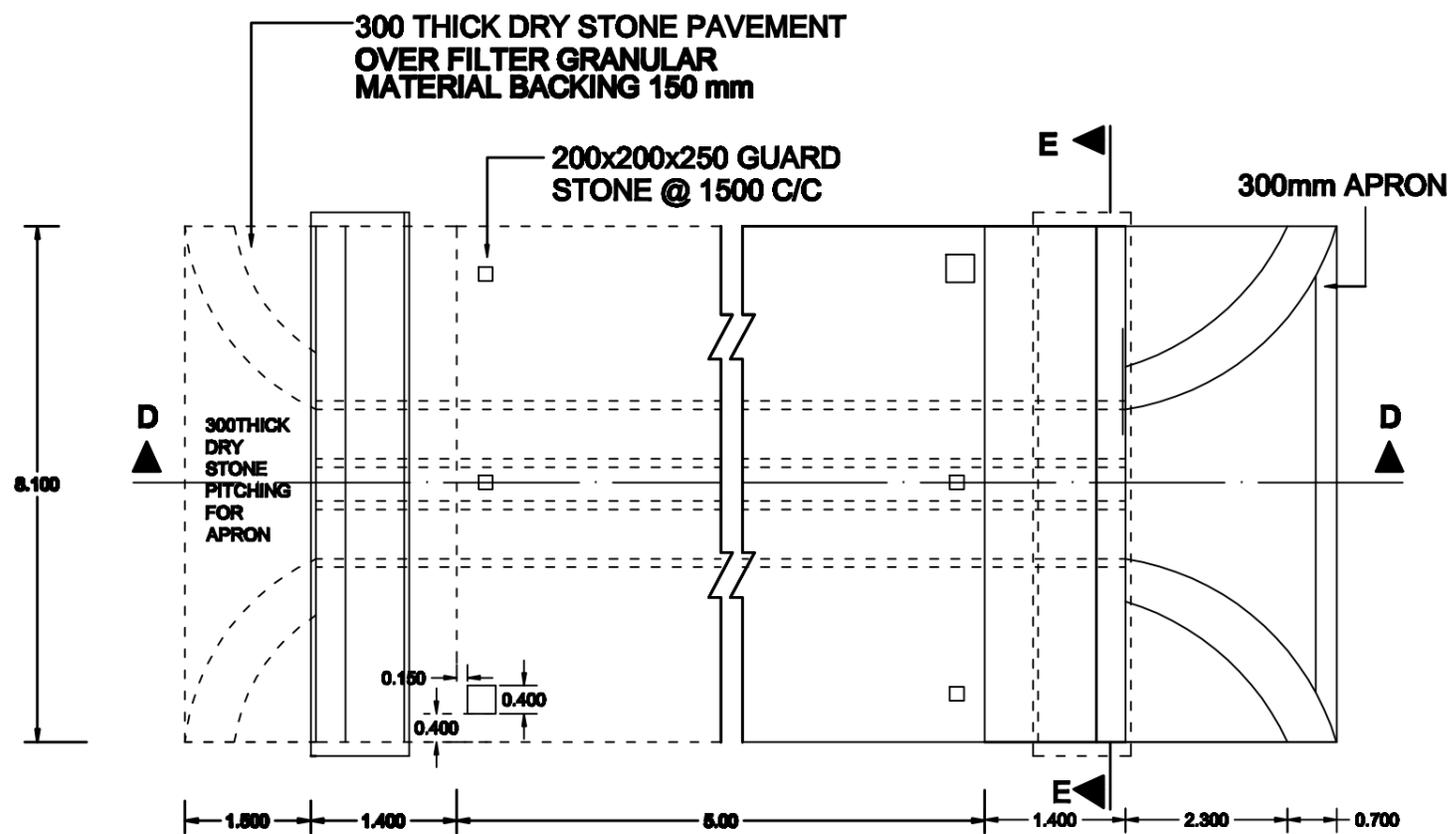
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



SECTION AT D - D
1000mm DIA PIPE CULVERT DOUBLE ROW



SECTION AT E - E
1000mm DIA. CULVERT



PLAN OF 1000mm DIA DOUBLE ROW CULVERT

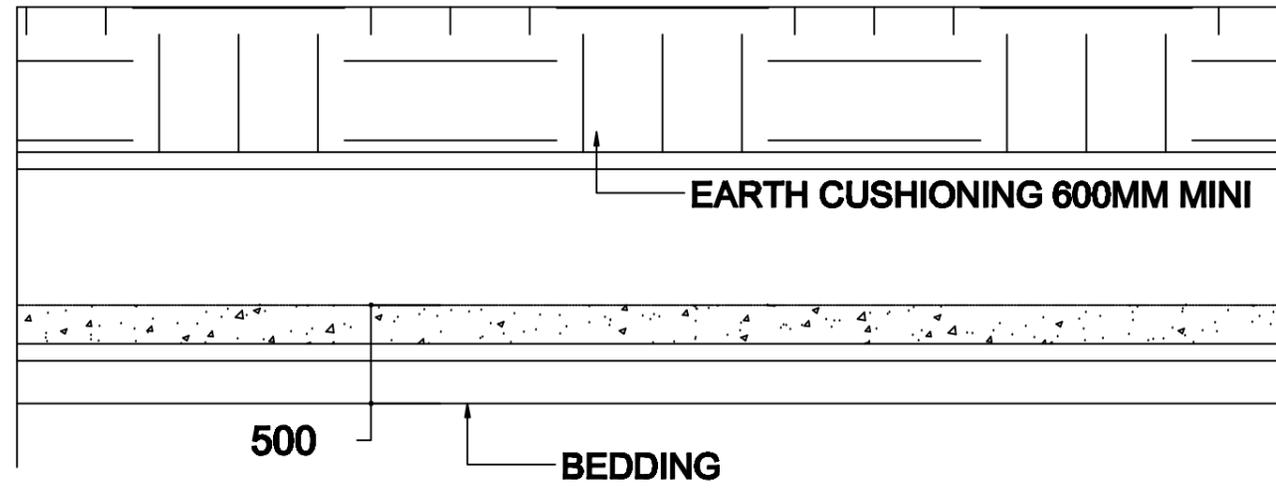
Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corpt office Address
SERVIT, Agaria PATH, HOUSE NO-07, GUWAHATI,
KAMRUJ, Dist, ASSAM, PIN-781002.
email:-basicconsultant@gmail.com
Regd. Office Address
H. HARBARDI, K.B. ROAD,
NABACH, ASSAM, PIN-782202
email:-basicconsultant@gmail.com

DRAWING :
GENERAL ARRANGEMENT OF PIPE CULVERT,
DOUBLE HUME PIPE 2 X 1000MM DIA

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

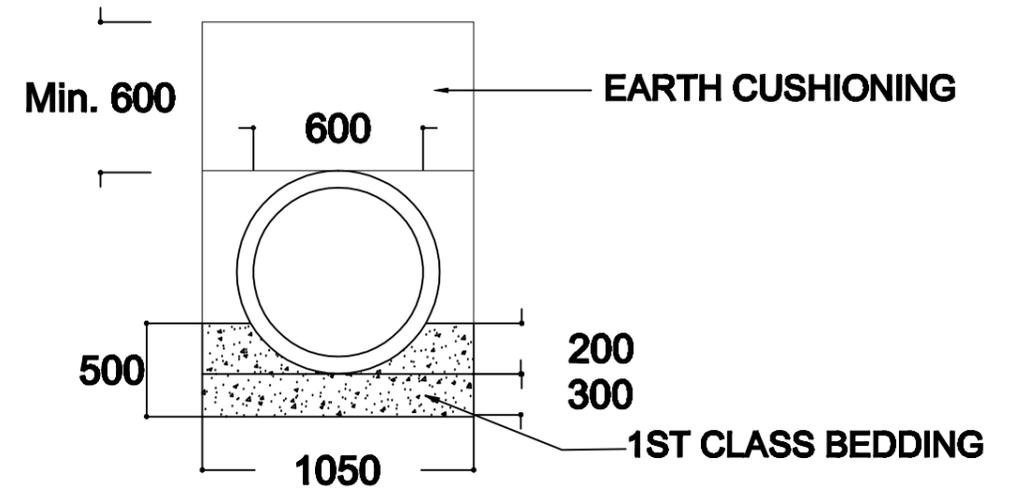
NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society

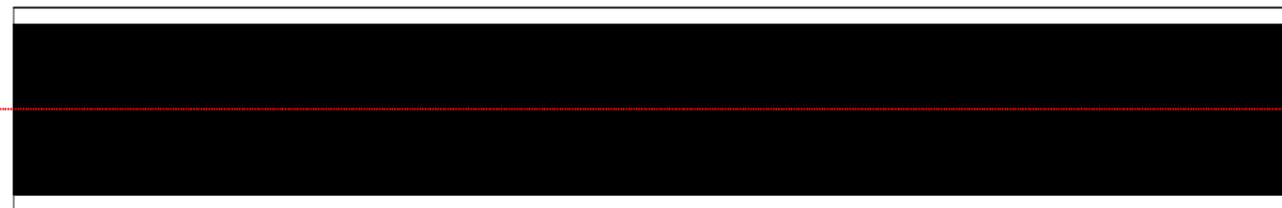


LONGITUDINAL SECTION OF HUME PIPE CULVERT

600



CROSS SECTION OF HUME PIPE CULVERT



PLAN OF HUME PIPE CULVERT

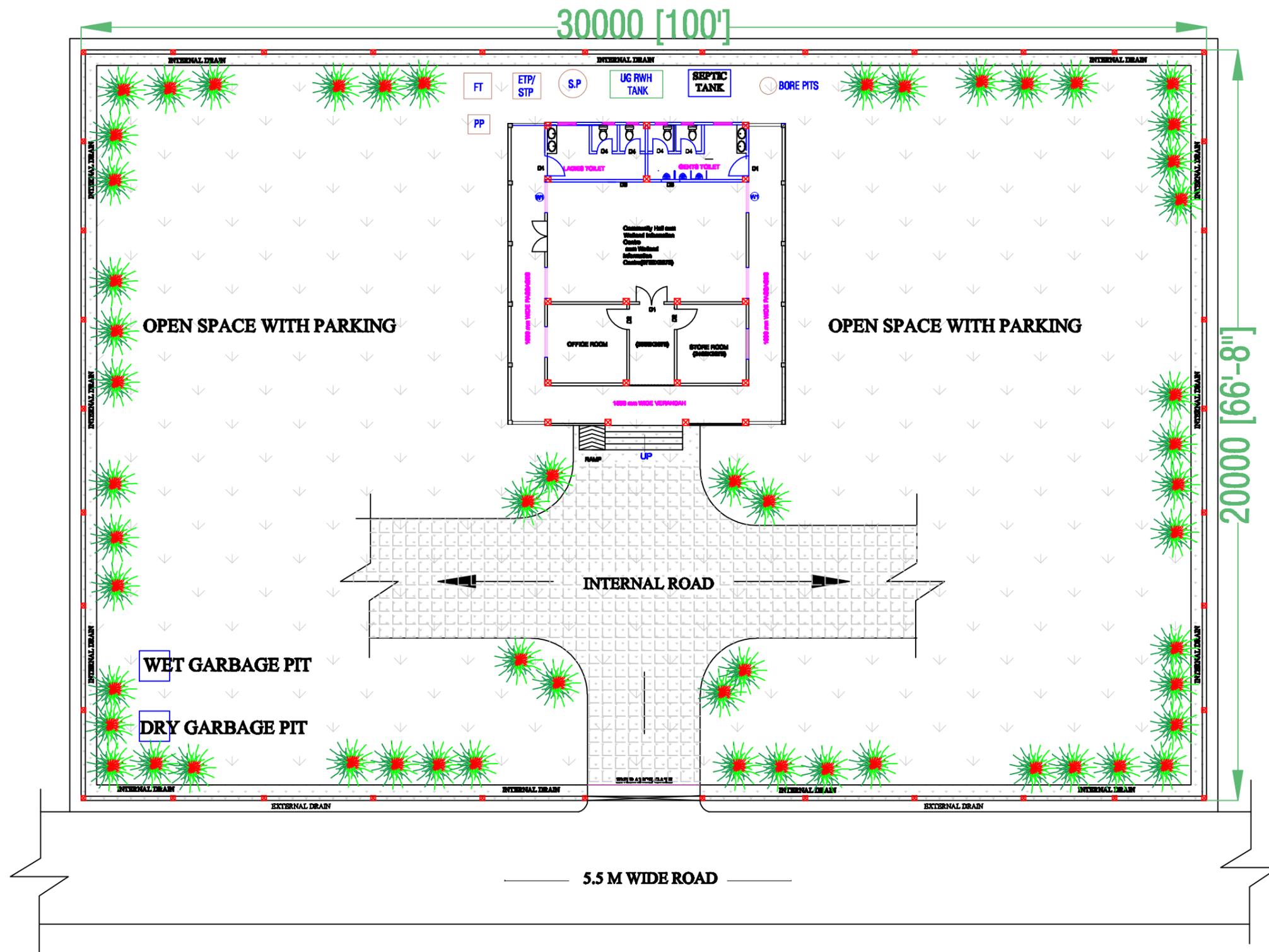
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SWIFTY, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUPOUR DIST, ASSAM, PIN-781002.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 N. HABARBACH, K.B.ROAD,
 NABACH, ASSAM, PIN-782202
 email:-basicconsultant@gmail.com

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
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SURVEY, Akshay PATH, INDURE ND-07, GUWANATI,
 KAMRUPOH (S), ASSAM, PIN-781001.
 email- basicconsultant@yahoo.com
 Regd. Office Address
 N. HANAMUNSON, H.D. ROAD,
 MANAGACH, ASSAM, PIN-781002
 email- basicconsultant@yahoo.com

DRAWING :
 SITE PLAN

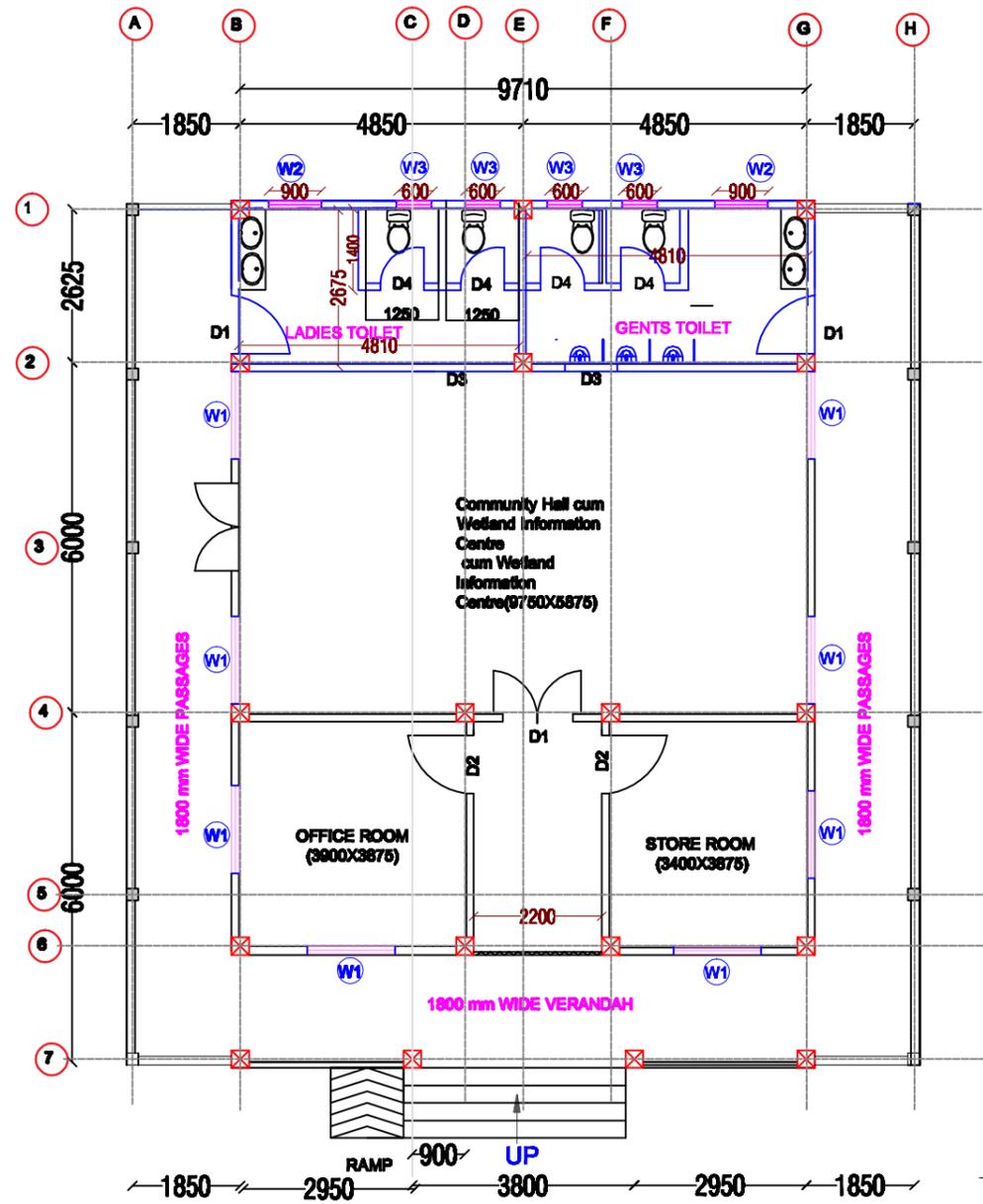
PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

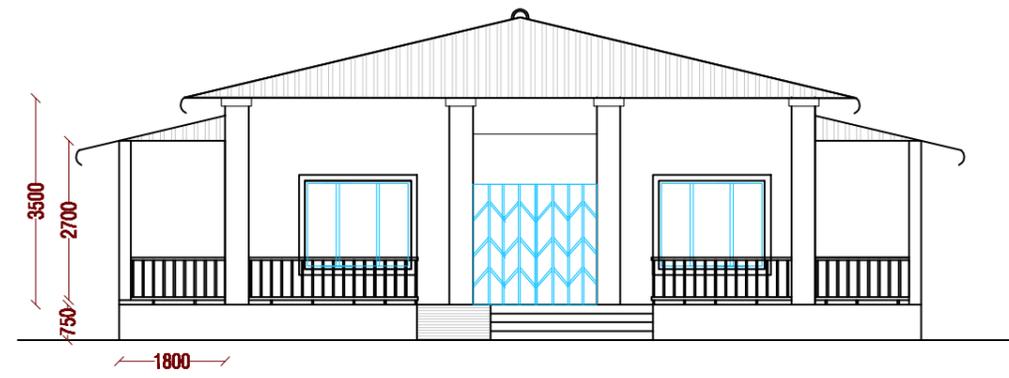
DRAWING CONTENTS: Community Hall cum
 Wetland Information

NOT TO SCALE

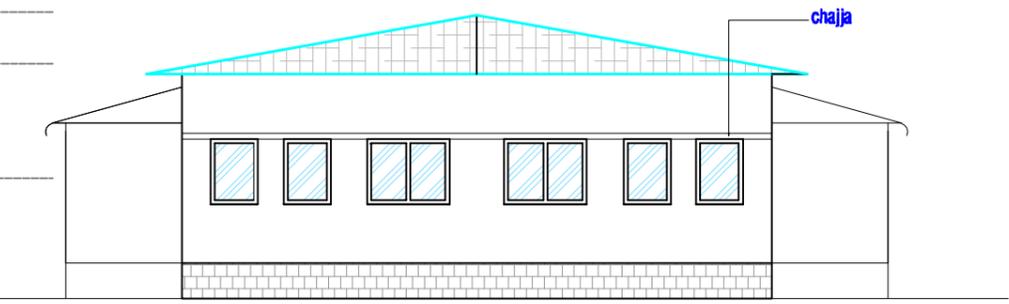
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



FLOOR PLAN



FRONT ELEVATION



BACK VIEW

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Carpet office Address
 SURVEY, Agaria PHATA, HOUSE NO-87, GURAMATI,
 KAMRUP Dist, ASSAM, PIN-781005.
 email:-basicconsultant@yahoo.com
 Regd. Office Address
 N. RAMANOHAR, B.D.ROAD,
 NAGARJ, ASSAM, PIN-781005
 email:-basicconsultant09@gmail.com

DRAWING :
 PLAN & ELEVATION

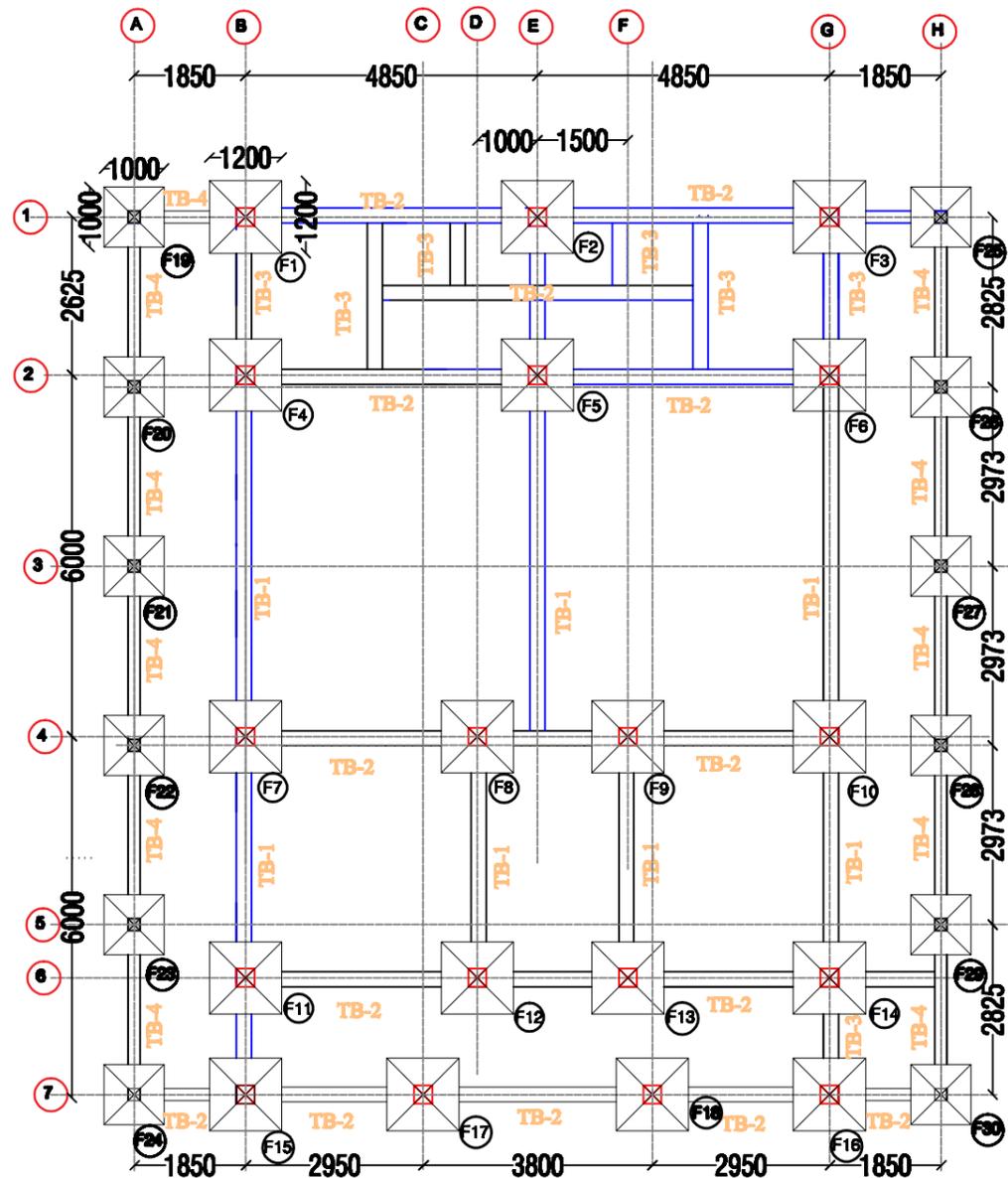
PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

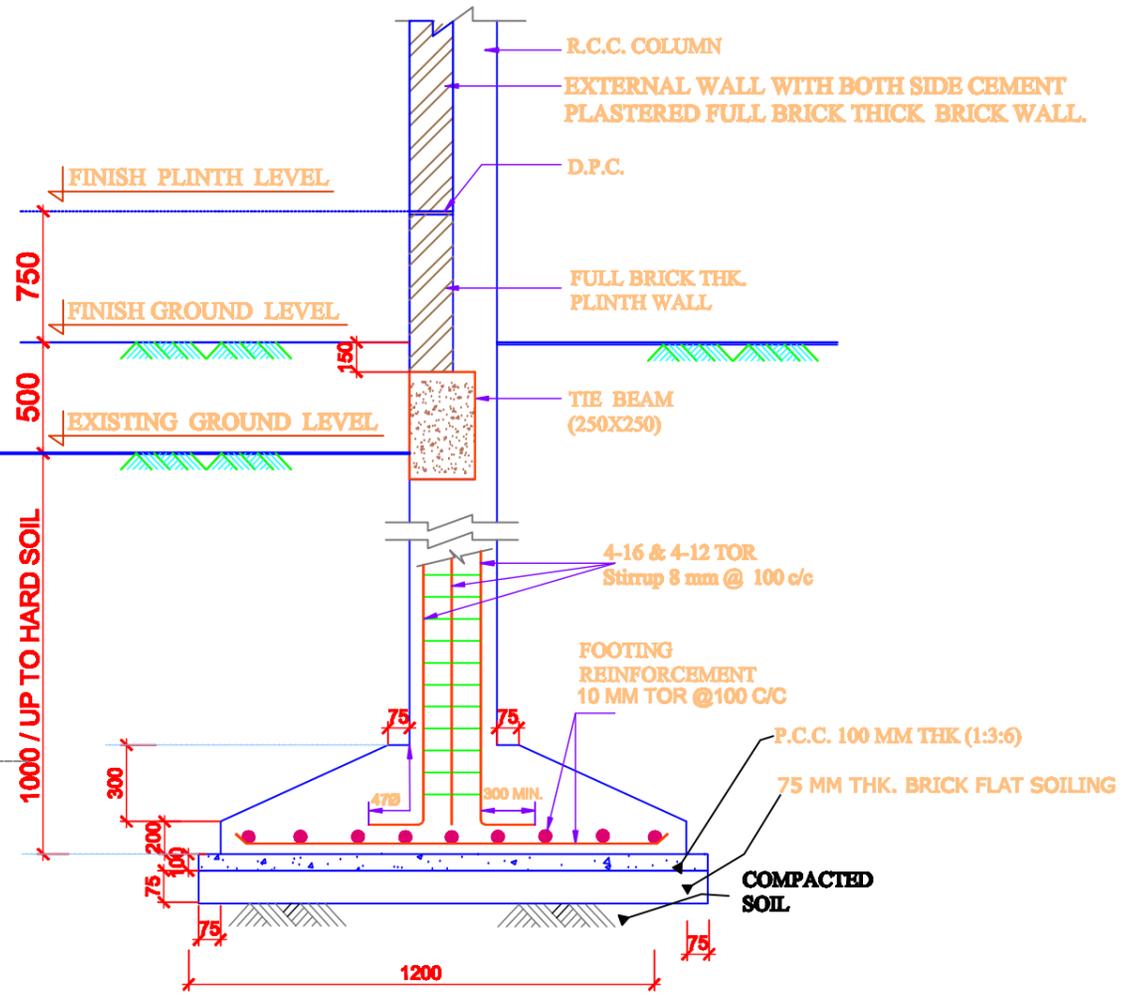
DRAWING CONTENTS: Community Hall cum
 Wetland Information Centre

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



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-1to F-18)	1200X1200	12 mm Tor @100C/C (Bothways)
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)

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Copyr. Office Address
 SERVEY, Ajanta PATH, HOUSE NO-47, GOWAHATI,
 KAMRUPO (M), ASSAM, PIN-781022.
 email: basicconsultant@gmail.com
 Regd. Office Address
 H, HARBARIACH, B.D.ROAD,
 HARBACH, ASSAM, PIN-781022
 email: basicconsultant@gmail.com

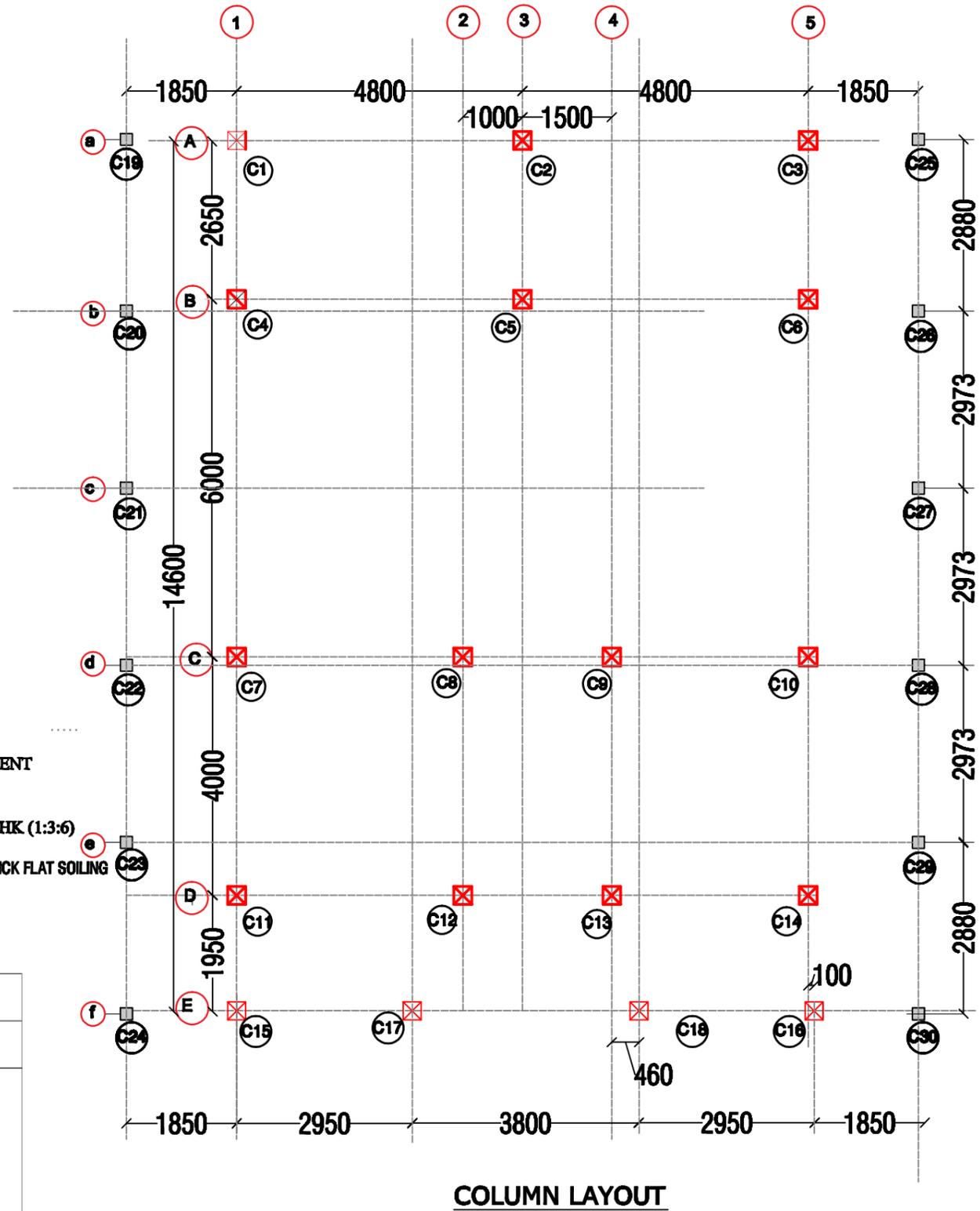
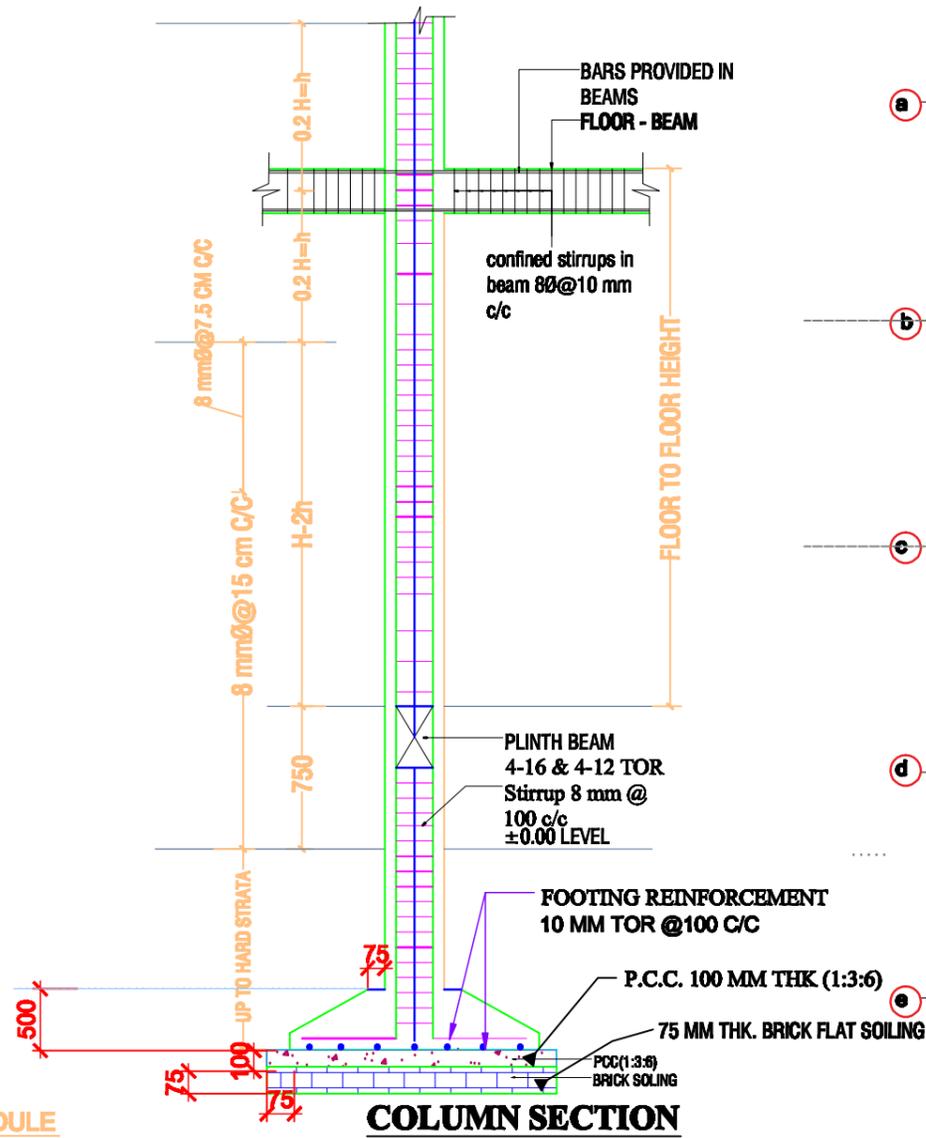
DRAWING :
LAYOUT OF FOOTING & PLINTH BEAM
 PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society

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	 4-16φ + 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
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SWRVEY, Ajanta PATEL, HOUSE NO-87, GUWAHATI,
 KAMRUPEE (W), ASSAM, PIN-781008.
 email: basicconsultant@gmail.com
 Regd. Office Address
 H. BARBARACHA, HILROAD,
 NABACH, ASSAM, PIN-782002
 email: basicconsultant20@gmail.com

DRAWING :
 LAYOUT OF COLUMN

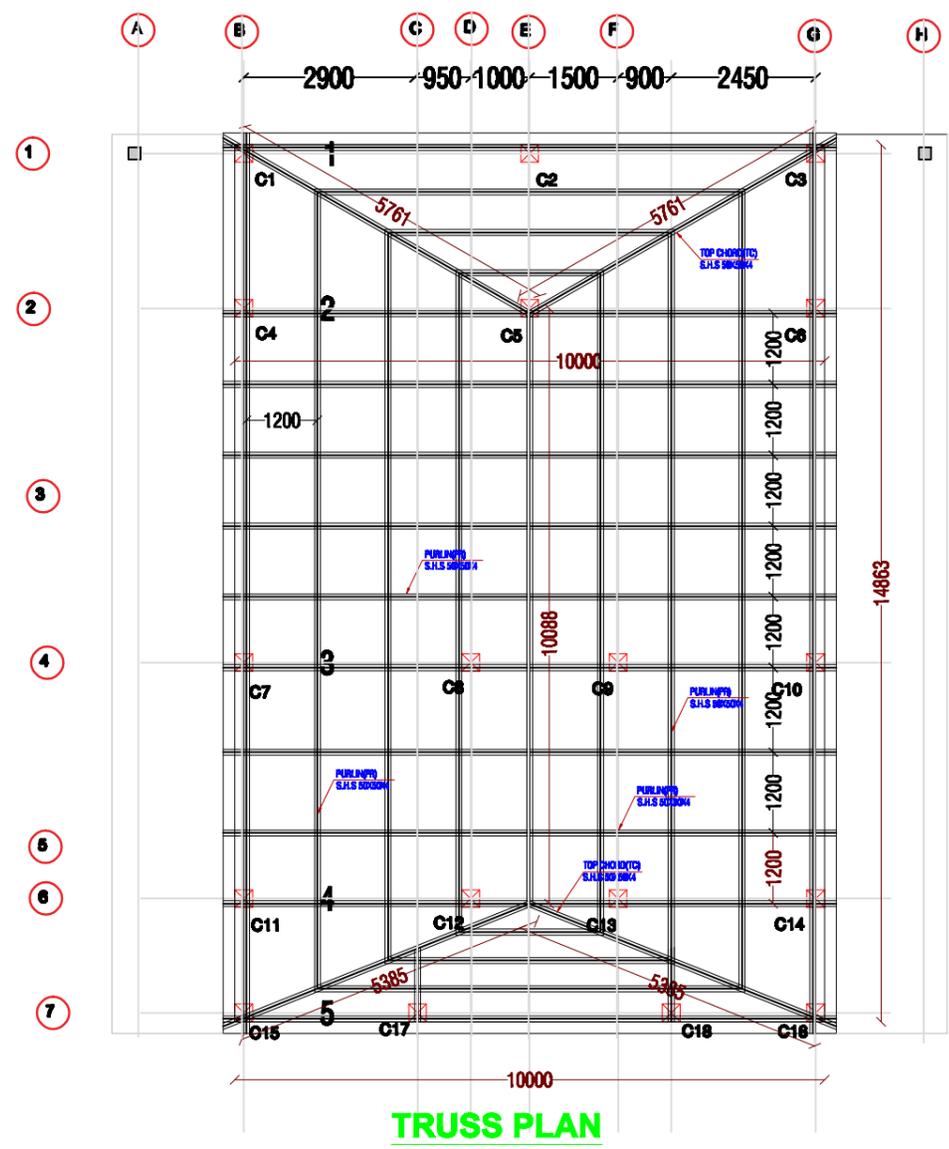
PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

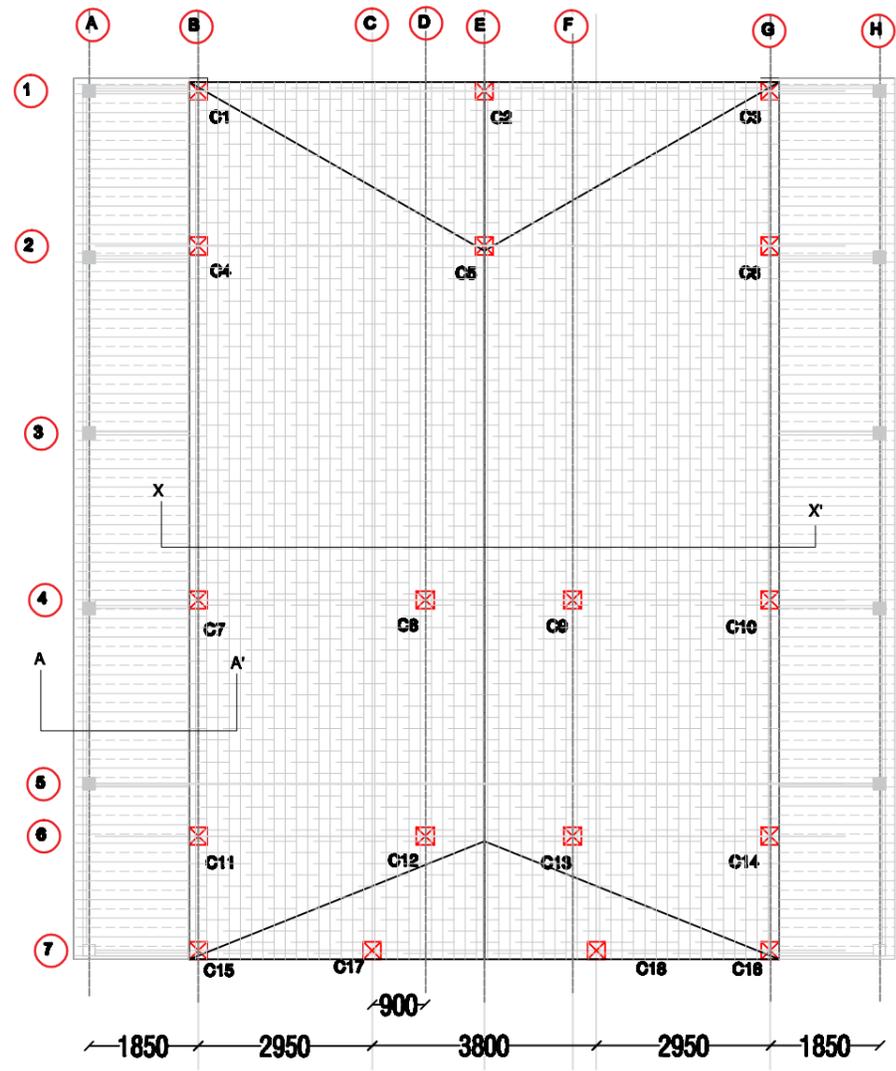
DRAWING CONTENTS: Community Hall cum
 Wetland Information Centre

NOT TO SCALE

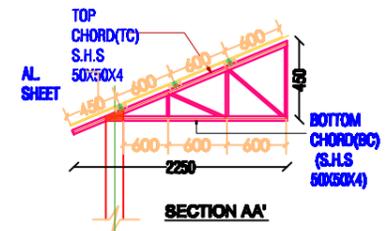
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



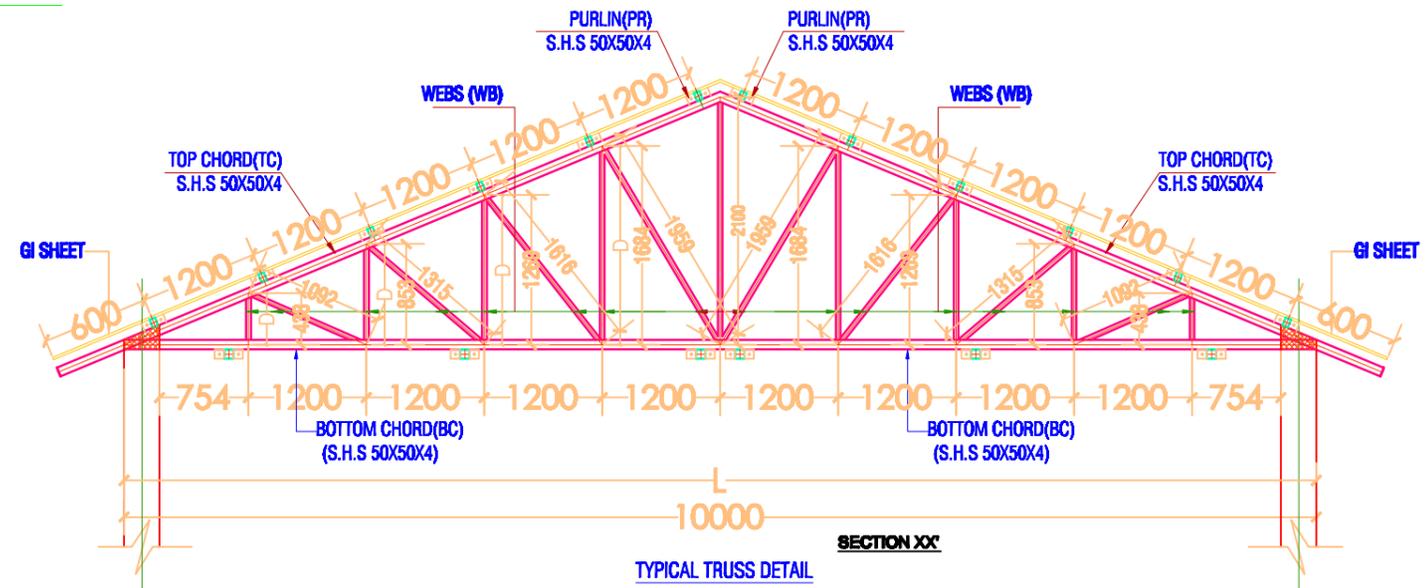
TRUSS PLAN



ROOF PLAN

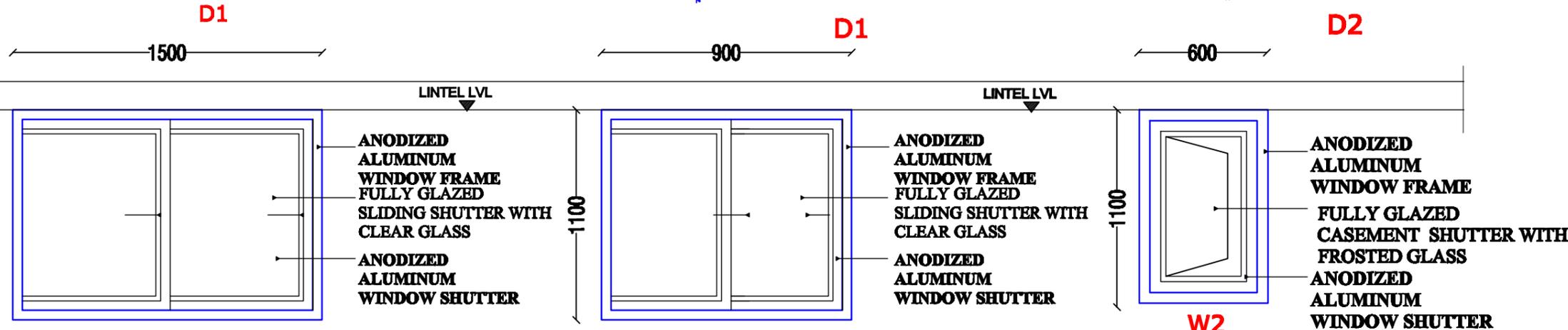
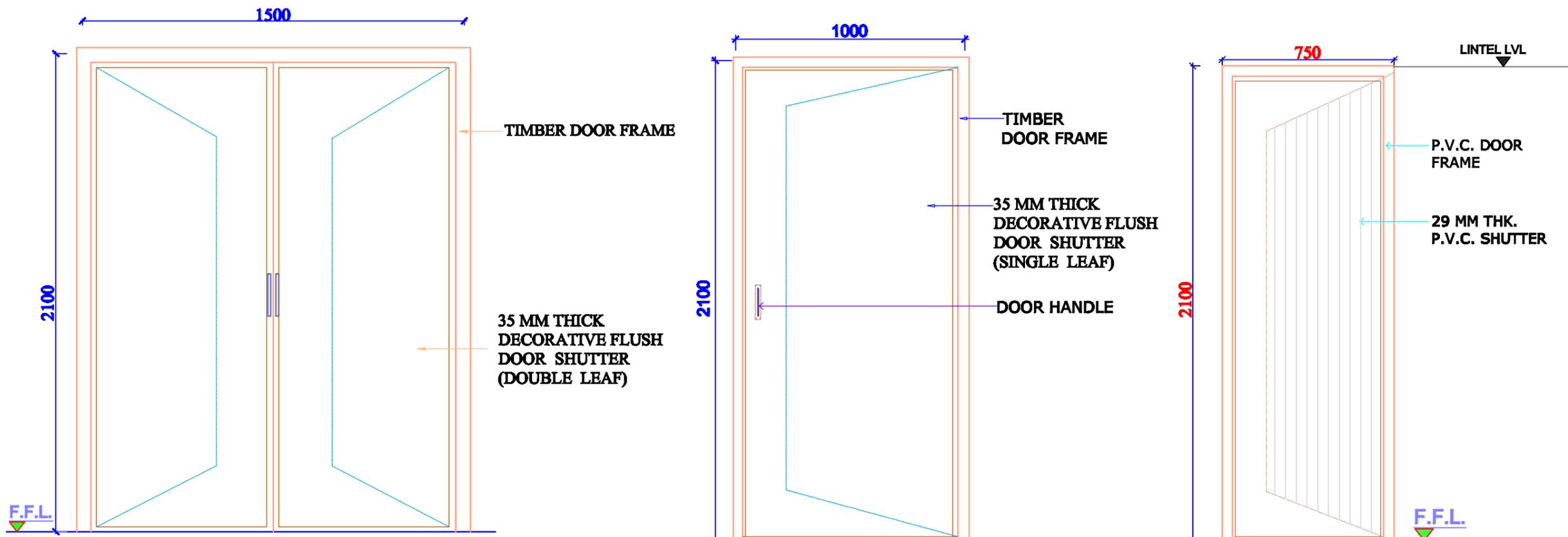


SECTION AA'



TYPICAL TRUSS DETAIL

<p>Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANTS) Corp. office Address BORDOXY, Alimda PATH, HOUSE NO-07, GURAMATI, KAMRUP Dist, Assam, PIN-781002. email:-basicconsultant@gmail.com Regd. Office Address N. BANARJAN, B.D. ROAD, NAAGACH, ASSAM, PIN-781002 email:-basicconsultant02@gmail.com</p>	<p>DRAWING : LAYOUT & DETAILS OF TRUSS</p> <p>PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project</p>	<p>DRAWING No. : ASSAM/SWIFT/GR-08/SD/04(E)</p> <p>DRAWING CONTENTS: Community Hall cum Wetland Information Centre</p>	<p>NOT TO SCALE</p>	<p>ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure Agricultural Service Society</p>
---	--	---	---------------------	---



SL. NO.	TYPE	DESCRIPTION	DIMENSION	LINTEL LVL	SILL LVL
1.	D	DOUBLE LEAF WOODEN DOOR	1800x2100	2100	-
2.	D1	FLUSH DOOR	1000x2100	2100	-
3.	D2	PVC DOOR	750 x2100	2100	-
4.	W	ALUMINUM WINDOW	1500x1100		-
5.	W1	ALUMINUM WINDOW	900x1100		
6.	W2	ALUMINUM WINDOW	600x1100		

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SURVEY, Agri. PATH, HOUSE NO-07, GUWAHATI,
 KAMRUJ P.O., ASSAM, PIN-781002.
 email- basicconsultant@yahoo.com
 Regd. Office Address
 N. HANMARGH, N.B. ROAD,
 NAGACH, ASSAM, PIN-782002
 email- basicconsultant@yahoo.com

DRAWING :
 DETAIL & SCHEDULE OF DOORS & WINDOWS

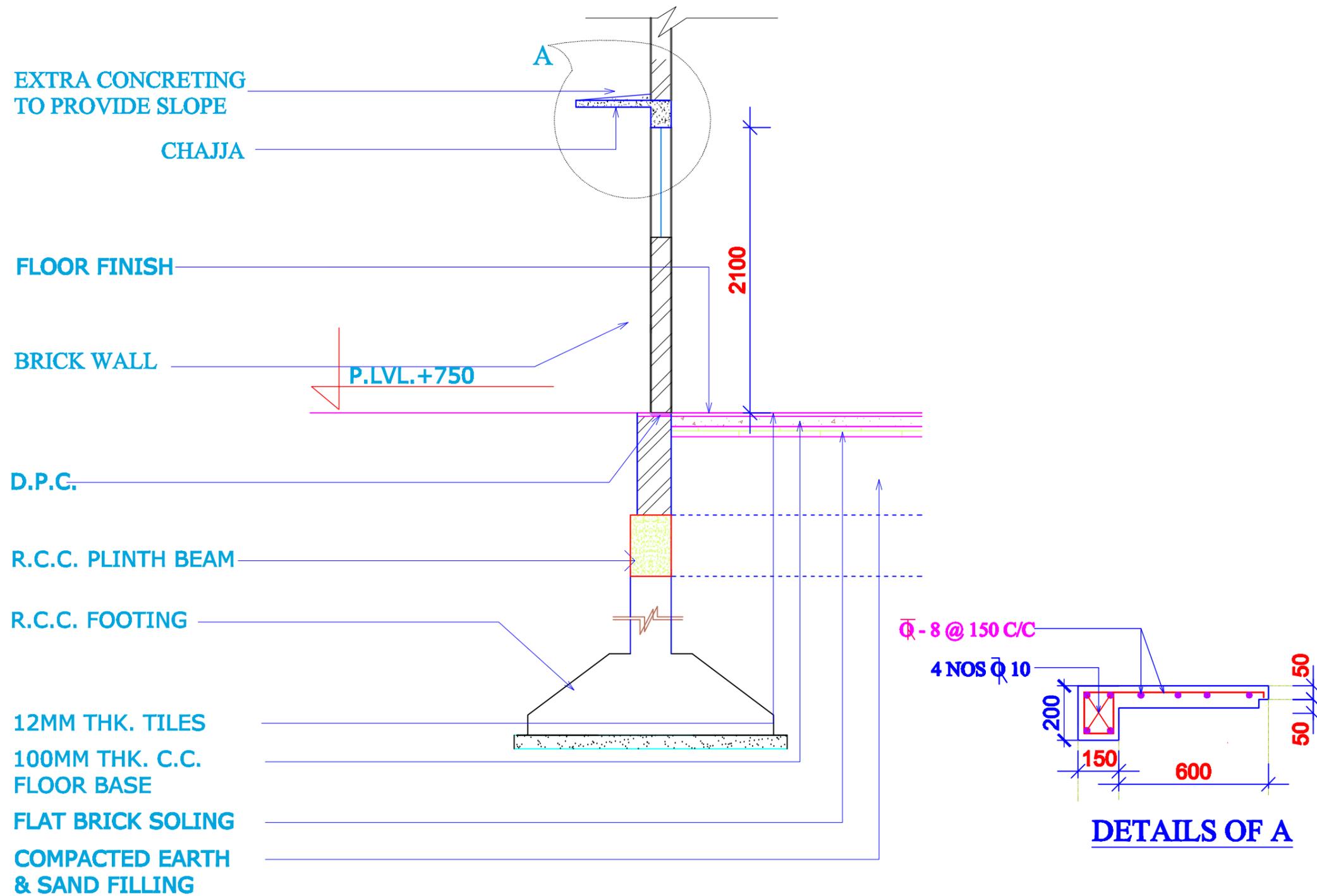
PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

DRAWING CONTENTS: Community Hall cum Wetland Information Centre

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



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

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SURVEY, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUPEE (M), ASSAM, PIN-781005.
 email: basicconsultant@gmail.com
 Regd. Office Address
 H. BARBARAGH, HILJODAI,
 NABACH, ASSAM, PIN-782002
 email: basicconsultant00@gmail.com

DRAWING :
 CHAJJA DETAILS

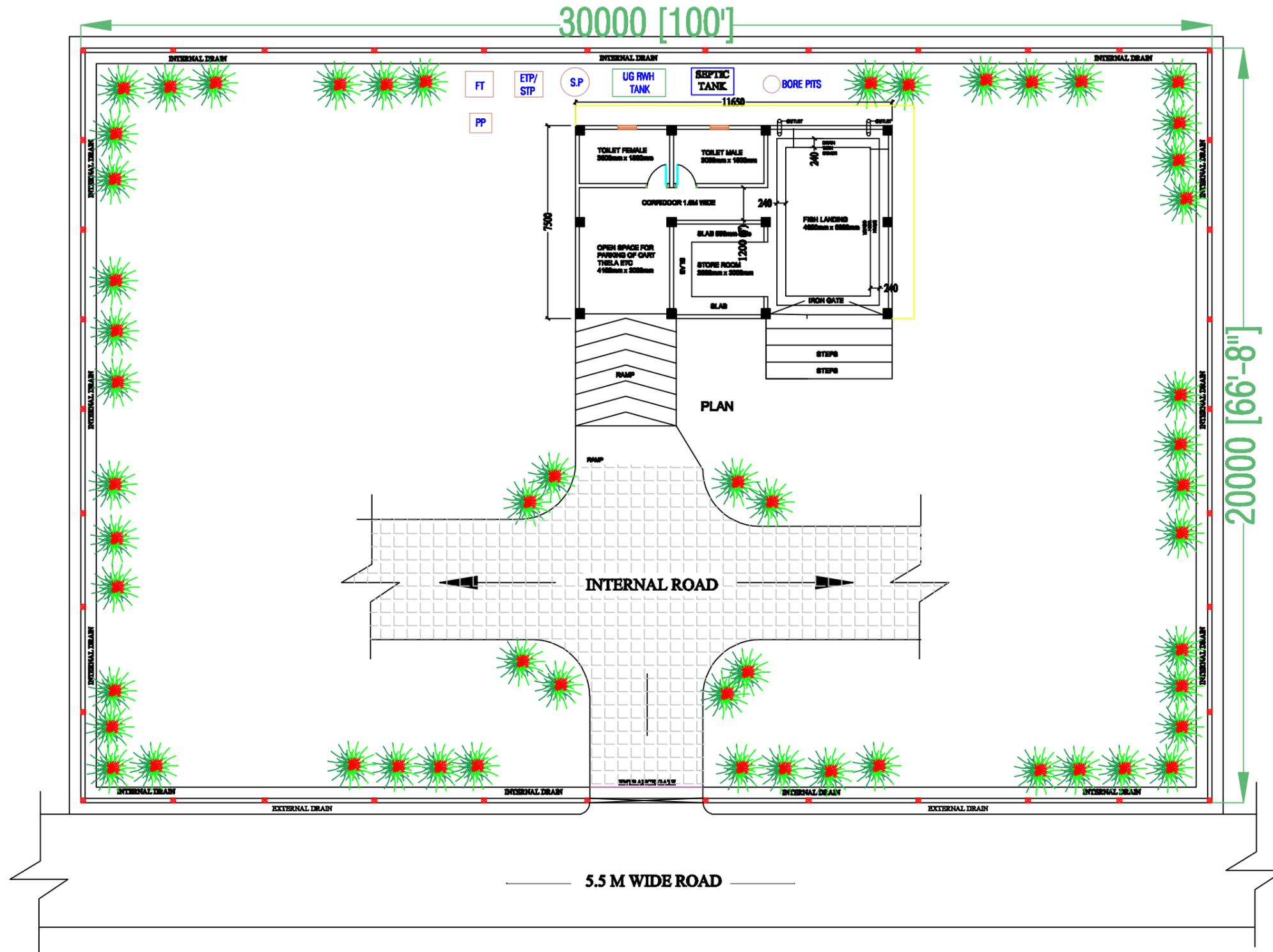
DRAWING No. :
 ASSAM/SWIFT/GR-08/SD/04(G)

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

DRAWING CONTENTS: Community Hall cum
 Wetland Information Centre

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



SITE PLAN

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SURVEY, Agaria PATA, HOUSE NO-07, GUWAHATI,
 KAMRUPOH, ASSAM, PIN-781005.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 N. RAMANBHON, B.D.ROAD,
 NAGARCHI, ASSAM, PIN-781005
 email:-basicconsultant09@gmail.com

DRAWING :
 SITE PLAN

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

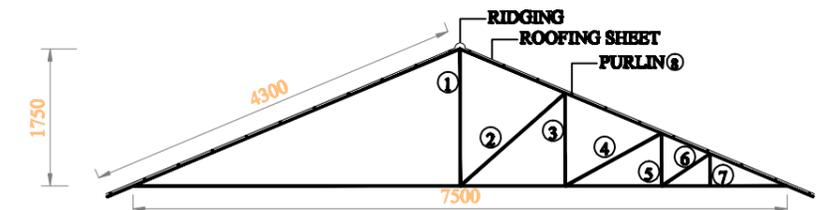
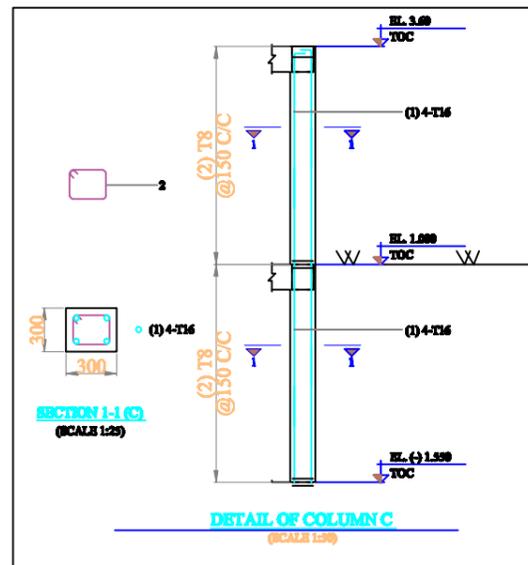
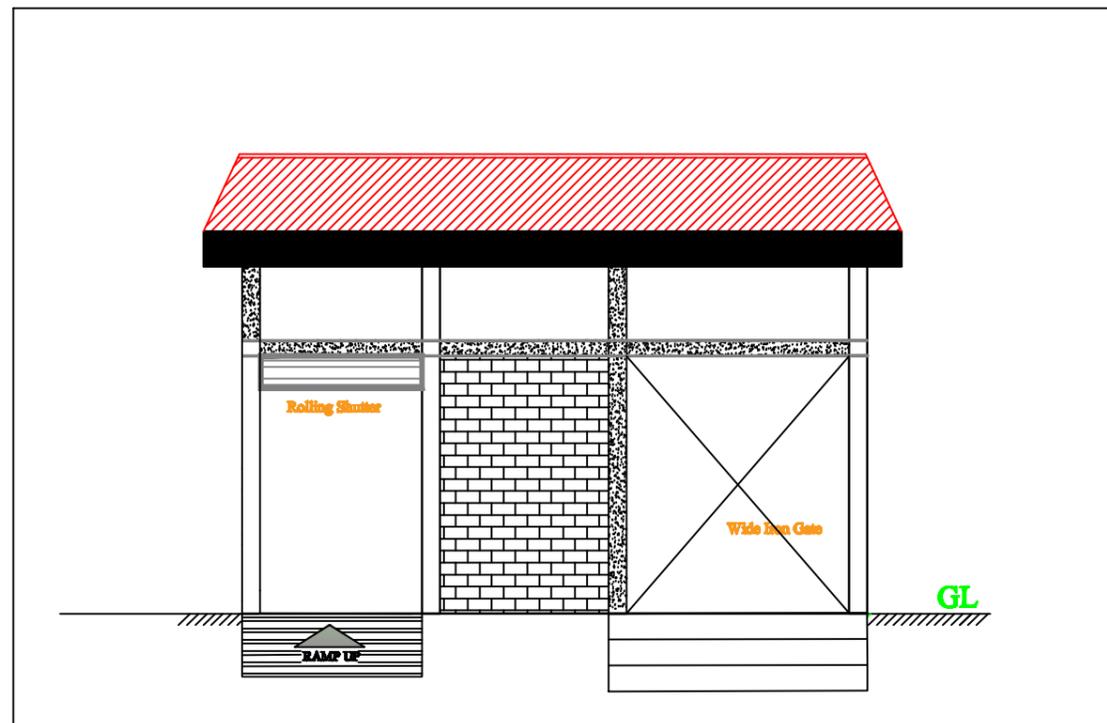
DRAWING No. :

ASSAM/SWIFT/GR-08/SD/05

DRAWING CONTENTS: FISH LANDING CENTRE

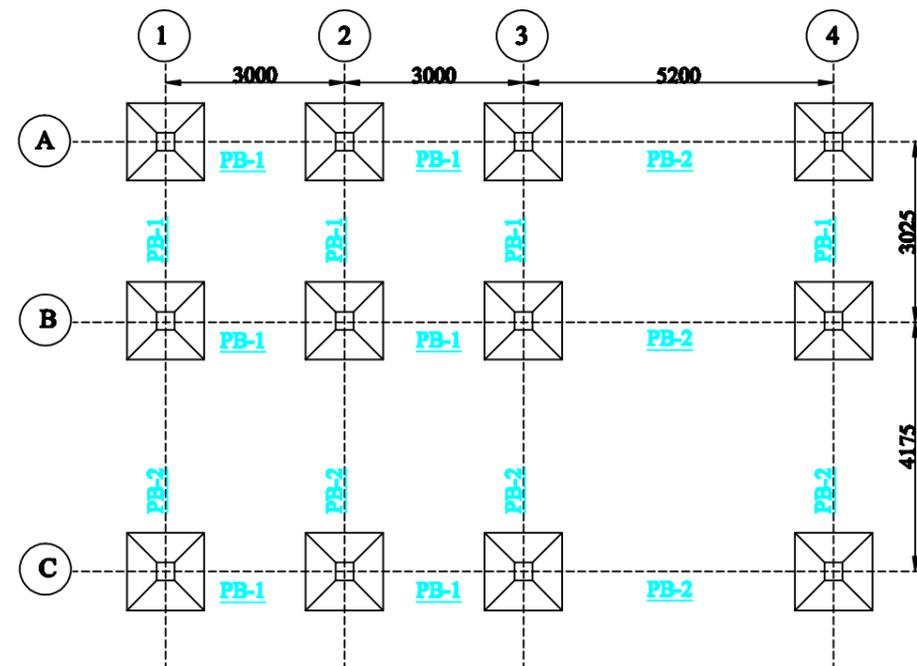
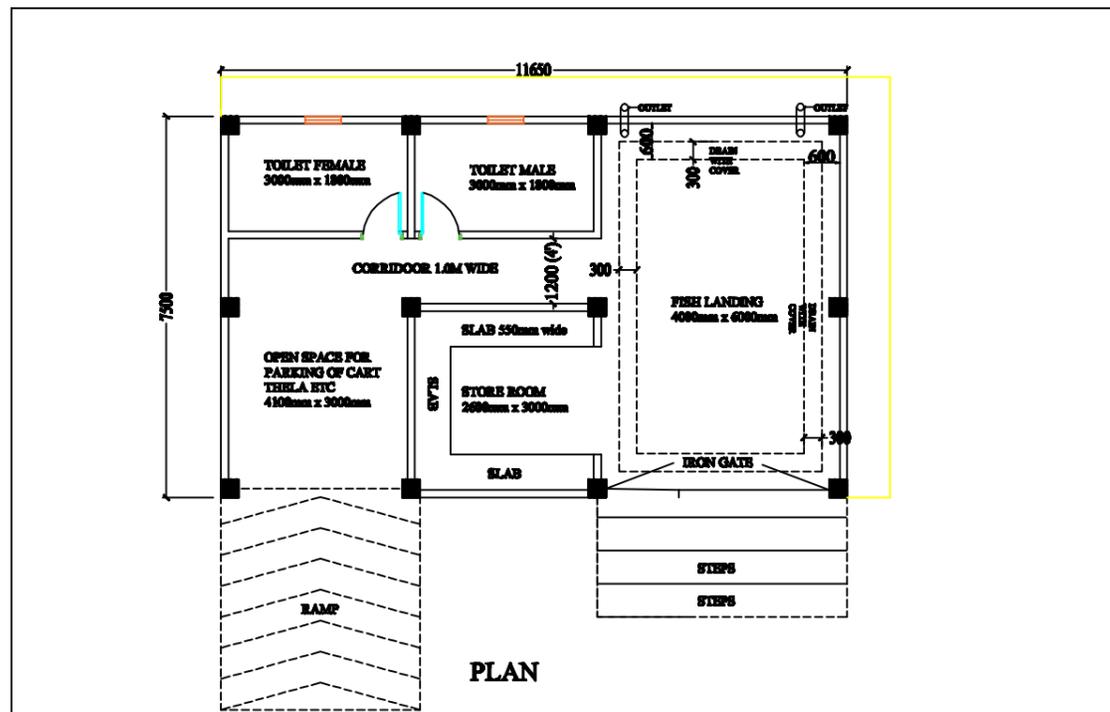
NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



- ① 65mm X 65mm = 1750mm
- ② 65mm X 65mm = 1618mm
- ③ 65mm X 65mm = 1345mm
- ④ 65mm X 65mm = 1047mm
- ⑤ 65mm X 65mm = 535mm
- ⑥ 65mm X 65mm = 935mm
- ⑦ 65mm X 65mm = 262mm
- ⑧ 40mm X 40mm = 11850mm

TUBULAR ROOF TRUSS



FOOTING LAYOUT

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

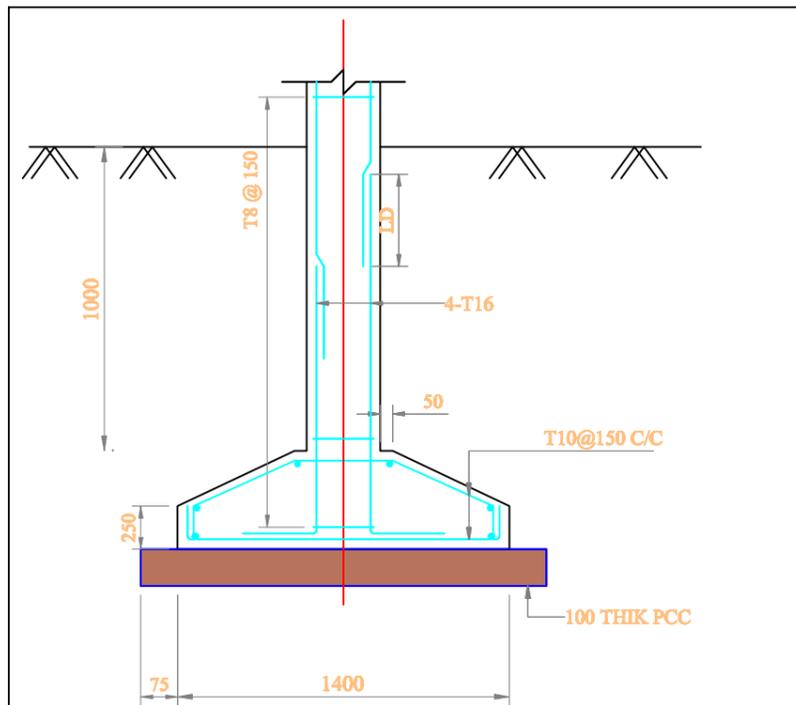
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SURVEY, Agents PATH, HOUSE NO-57, GURMAHATI,
 KAMRUPOUR, ASSAM, PIN-781002.
 email: basicconsultant@yahoo.com
 Regd. Office Address
 H. HARBACH, ELDO ROAD,
 HARBACH, ASSAM, PIN-782002
 email: basicconsultant99@gmail.com

DRAWING :
 PLAN, ELEVATION & CS OF FISH
 LANDING CENTRE

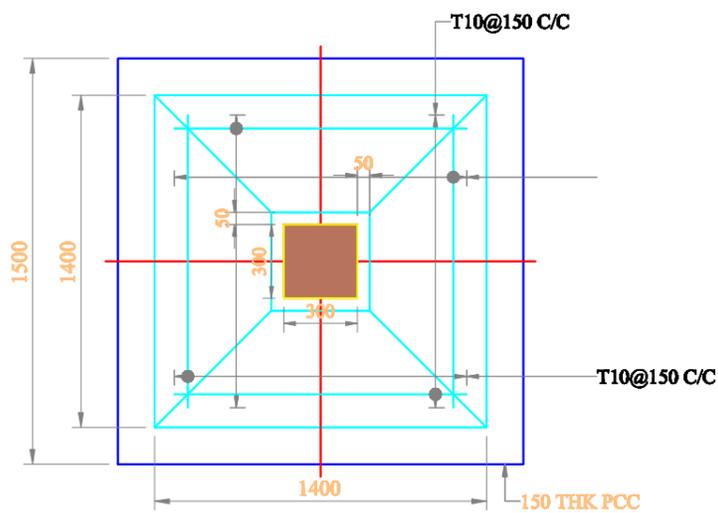
DRAWING No. :
 ASSAM/SWIFT/GR-08/SD/05(A)

NOT TO SCALE

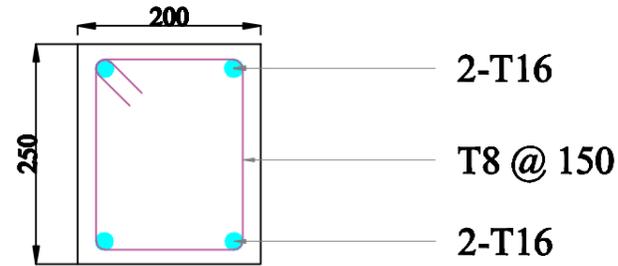
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



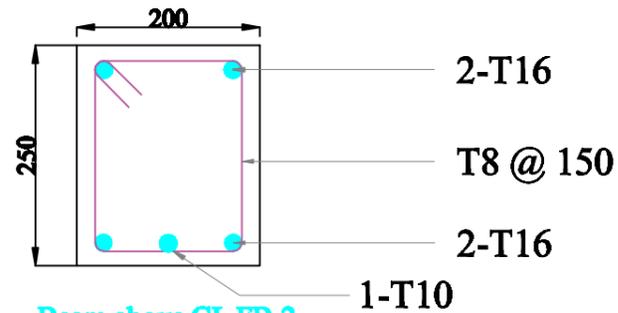
**SECTION 1-1
DETAIL OF FOOTING**



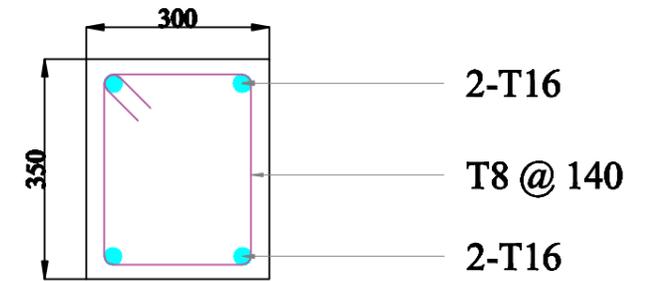
FOOTING - PLAN



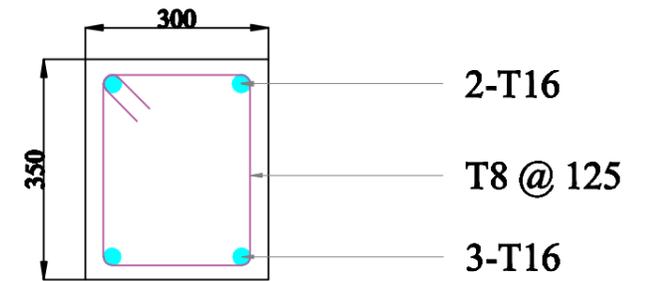
Beam above GL FB-1



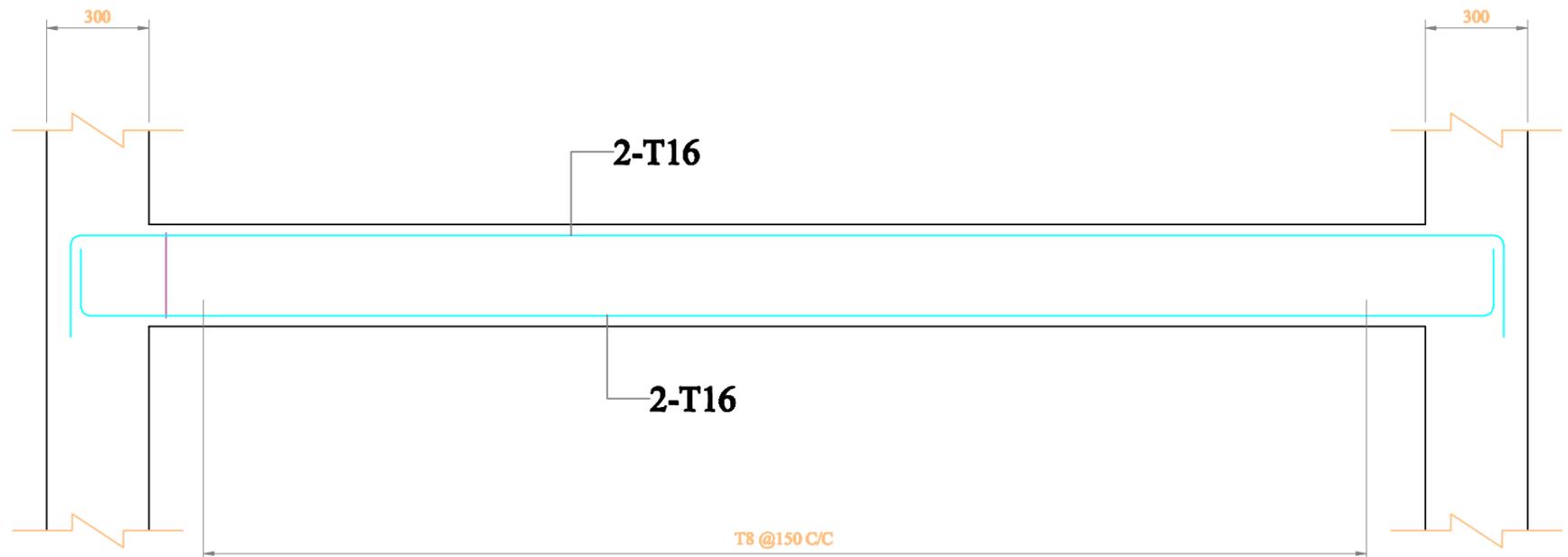
Beam above GL FB-2



Plinth Beam Section PB-1



Plinth Beam Section PB-2



BEAM:300x350

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

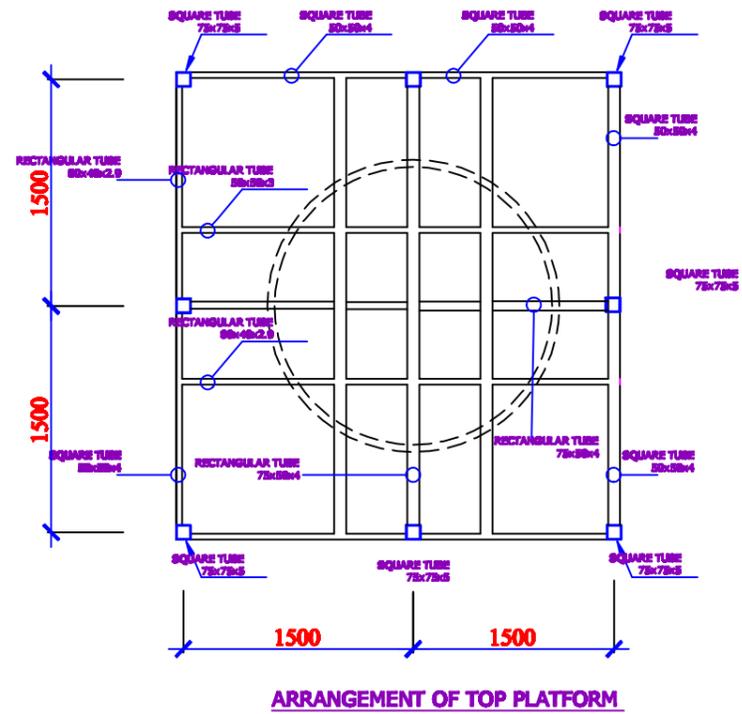
Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corporate Office Address
SURVEY, Ajanta PATH, HOUSE NO-87, GOWANATI,
KAMRUPOUR (SI), ASSAM, PIN-781002.
email: basicconsultant19@gmail.com
Regd. Office Address
N. HARBACH, B.D.ROAD,
HABACH, ASSAM, PIN-782202
email: basicconsultant19@gmail.com

DRAWING :
STRUCTURAL DETAILS OF
FISH LANDING UNIT

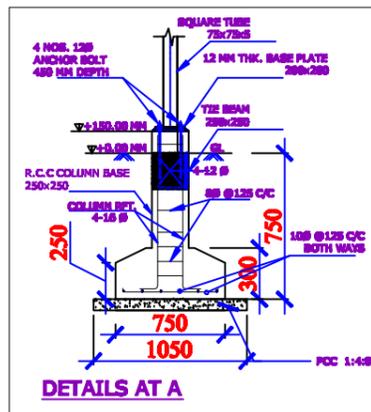
DRAWING No. :
ASSAM/SWIFT/GR-08/SD/05(B)

NOT TO SCALE

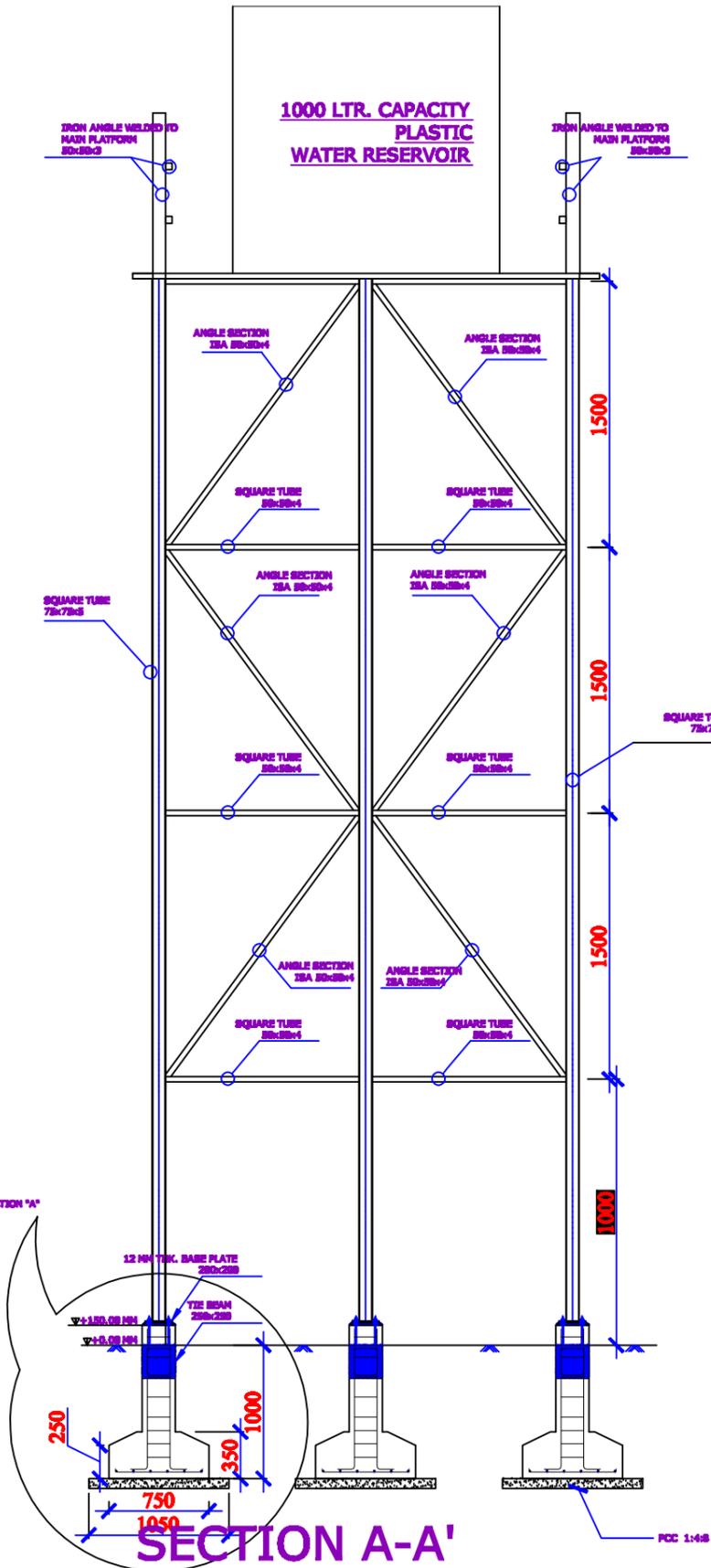
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



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
 (ENGINEERING CONSULTANT)
 Const. Office Address
 SURVEY, 4th FLOOR, PATH, HOUSE NO-07, GUNAWATI,
 KARUPA, ASSAM, PIN-781002.
 email- basicconsultant@gmail.com
 Road Office Address
 N. H. ROAD, M. D. ROAD,
 M. D. ROAD, ASSAM, PIN-781002
 email- basicconsultant@gmail.com

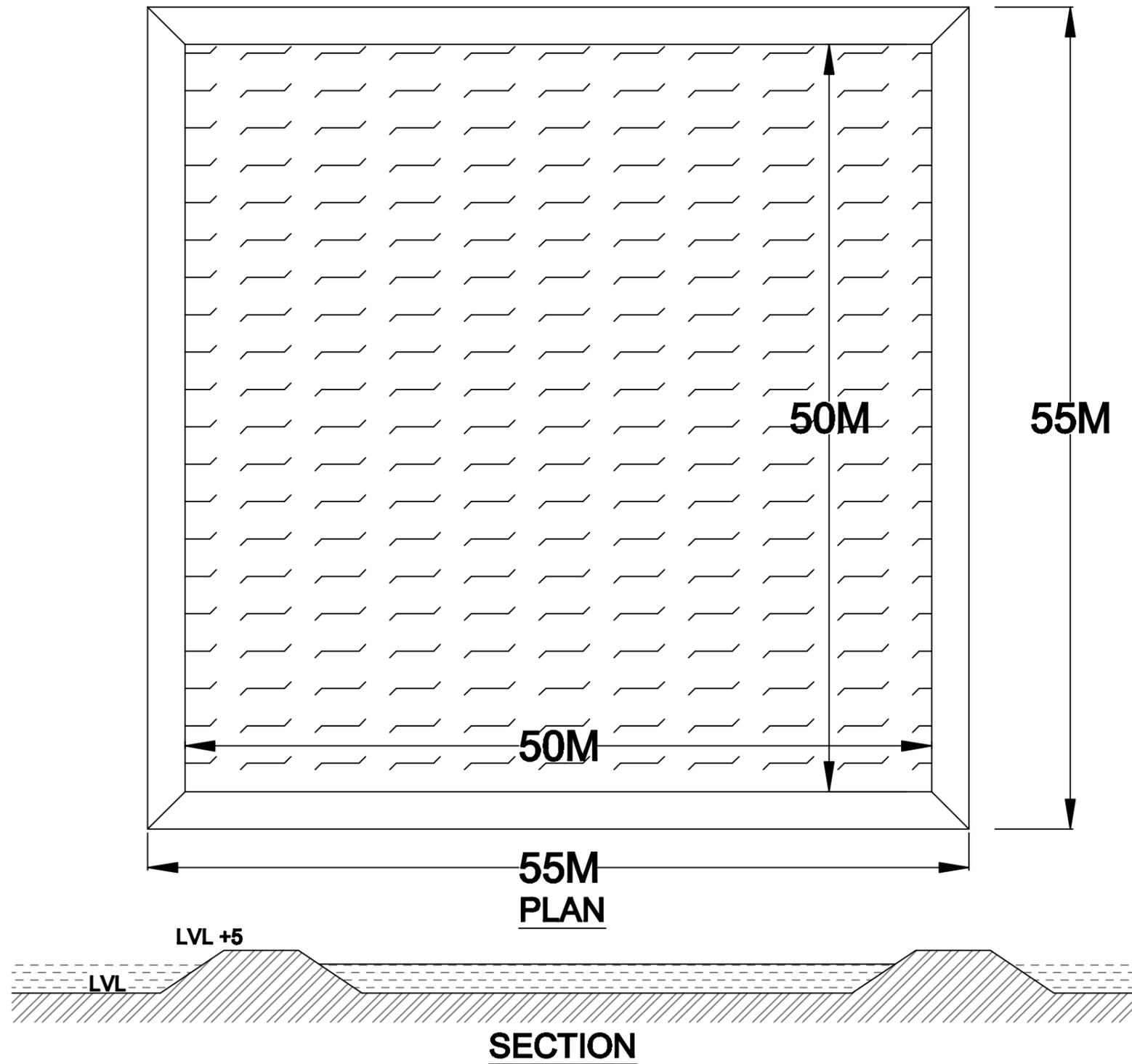
DRAWING :
OVER HEAD TANK

DRAWING NO. :
ASSAM/SWIFT/GR-08/SD/08

NOT TO SCALE

ARIAS Society
 GOVERNMENT OF ASSAM
 Assam Rural Infrastructure
 Agricultural Service Society

TYPICAL PLAN & SECTION OF REARING TANK



BASIC CONSULTANT
(ENGINEERING CONSULTANT)

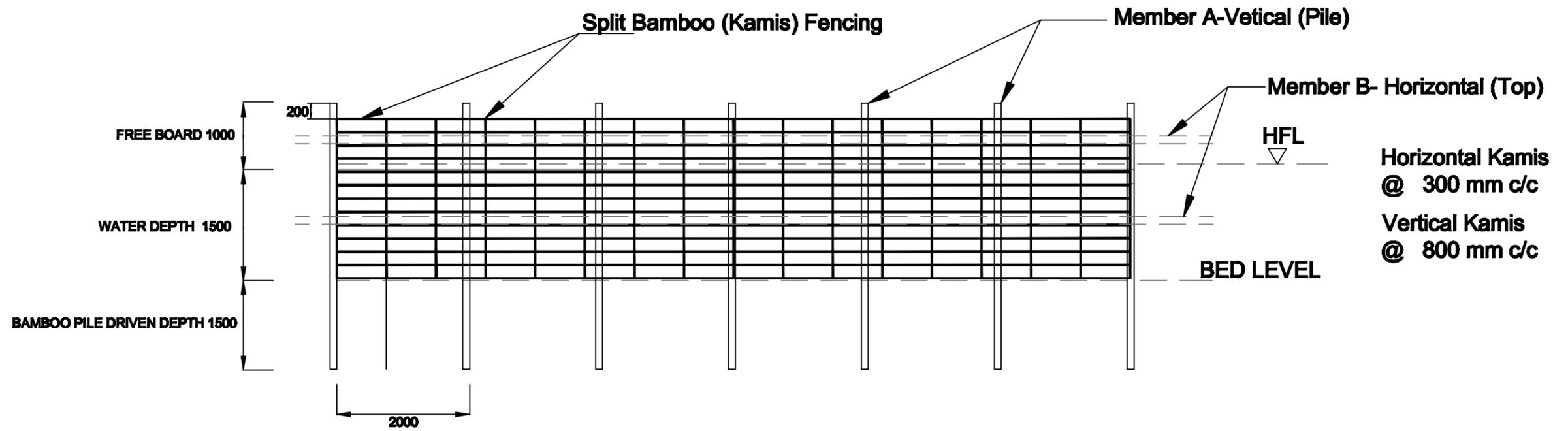
Corporat office Address
SERVET, Agaria PATH, HOUSE NO-07, BIRAHATI,
KAMRUP (P), ASSAM, PIN-781002.
email- basicconsultant@yahoo@gmail.com
Regd. Office Address
N. HARBABACH, K.S. ROAD,
HABACH, ASSAM, PIN-781002
email- basicconsultant99@gmail.com

DRAWING :
PLAN & TYP. CS OF REARING TANK

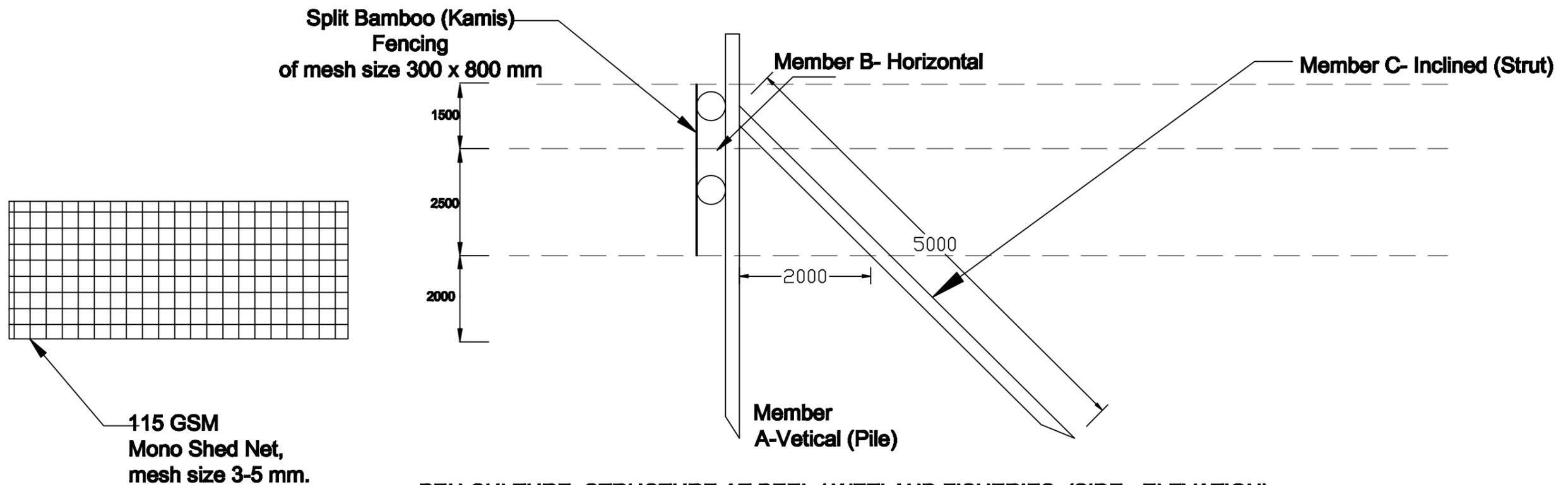
DRAWING No. :
ASSAM/SWIFT/GR-08/SD/07

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



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



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

BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corporat office Address
SERVITY, Ajanta PATH, HOUSE NO-07, GUWAHATI,
KAMRUPOI Dist, ASSAM, PIN-781002.
email:-basicconsultant@gmail.com

Regul. Office Address
N. HARBARDIACH, K.B. ROAD,
NABACH, ASSAM, PIN-781002
email:-basicconsultant@gmail.com

DRAWING :

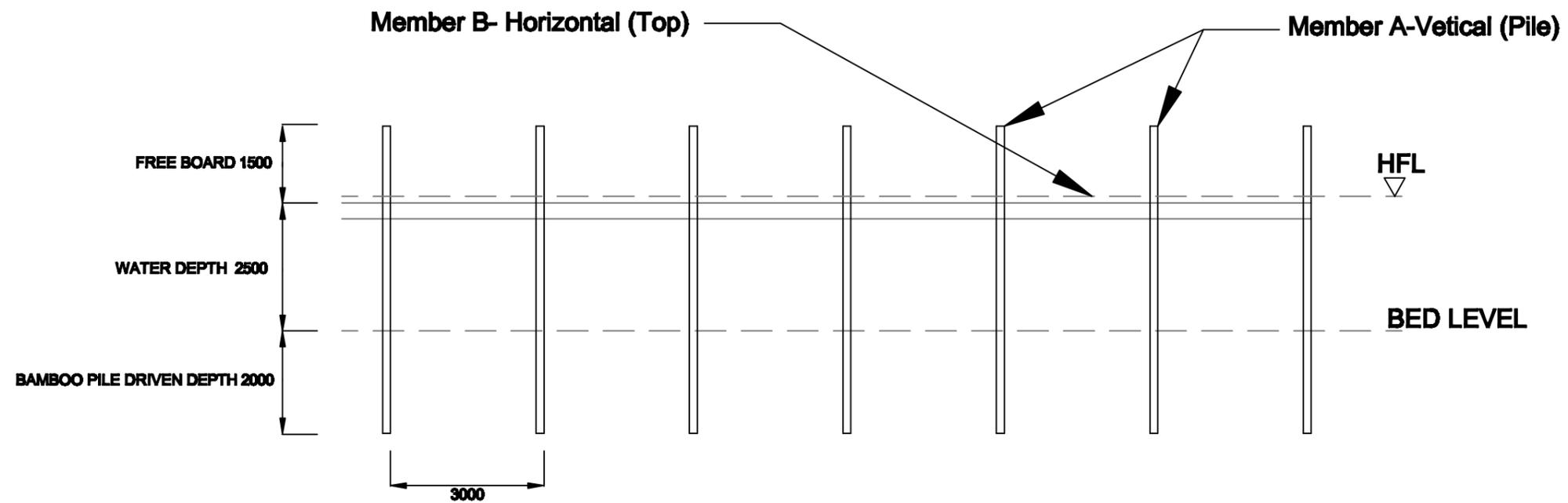
GENERAL ARRANGEMNT OF PEN CULTURE

DRAWING No. :

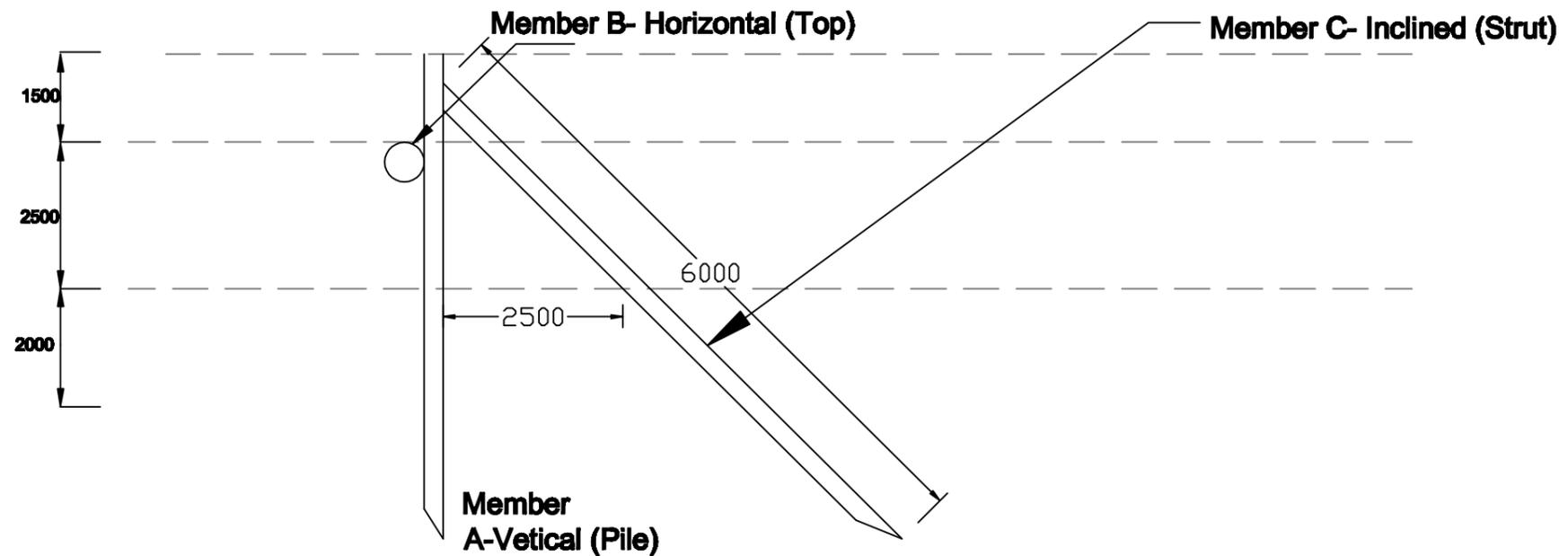
ASSAM/SWIFT/GR-08/SD/08

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
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)

BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corprt office Address
SURVEY, Agaria PATH, HOUSE NO-07, BIRAHATI,
KAMRUP (P), ASSAM, PIN-781002.
email:- basicconsultant9@gmail.com
Rural Office Address
N. HARBABACH, K.S. ROAD,
NABACH, ASSAM, PIN-781002
email:- basicconsultant9@gmail.com

DRAWING :

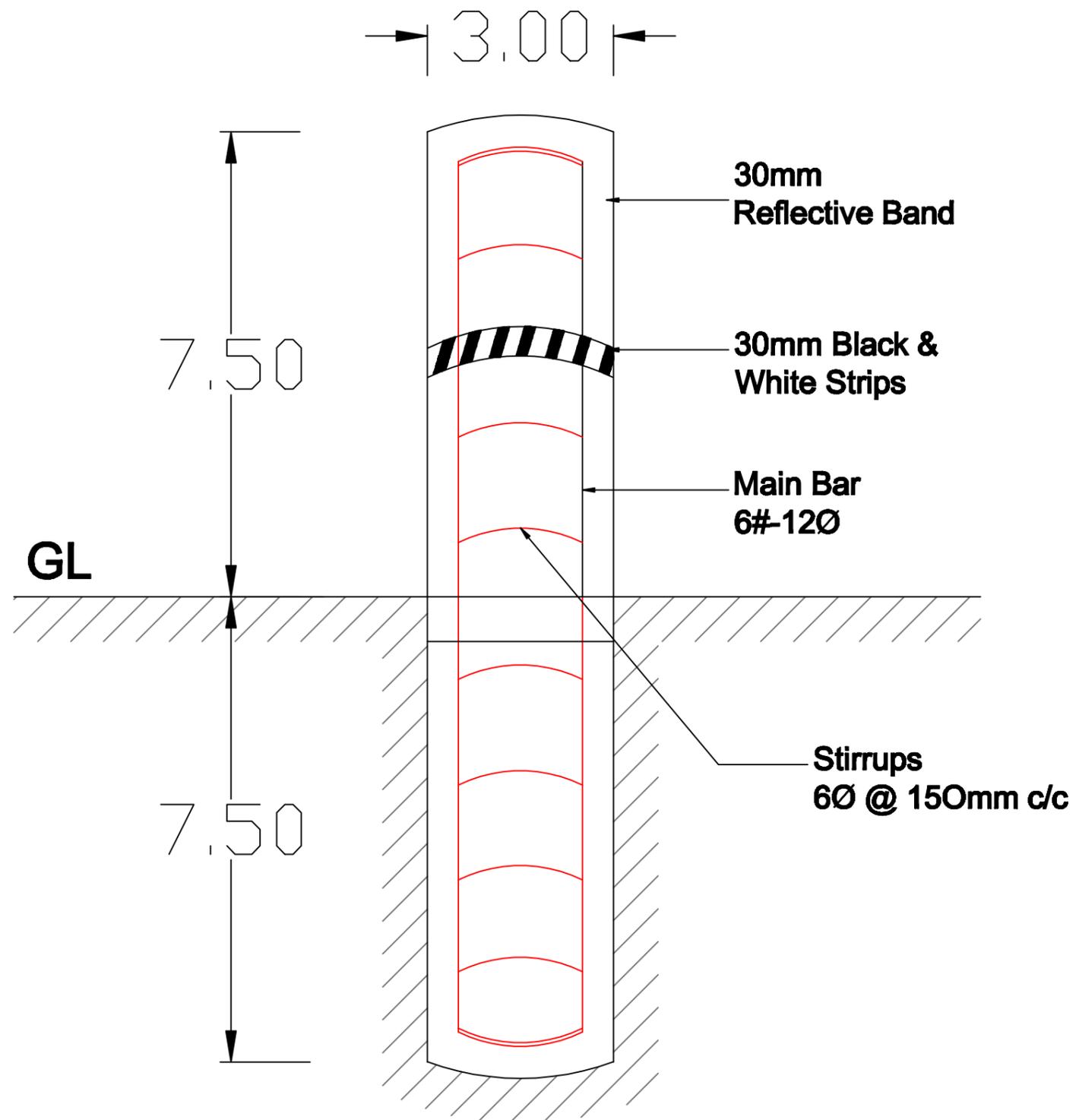
GENERAL ARRANGEMNT OF KATAL/JENG

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/09

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



BASIC CONSULTANT
(ENGINEERING CONSULTANT)

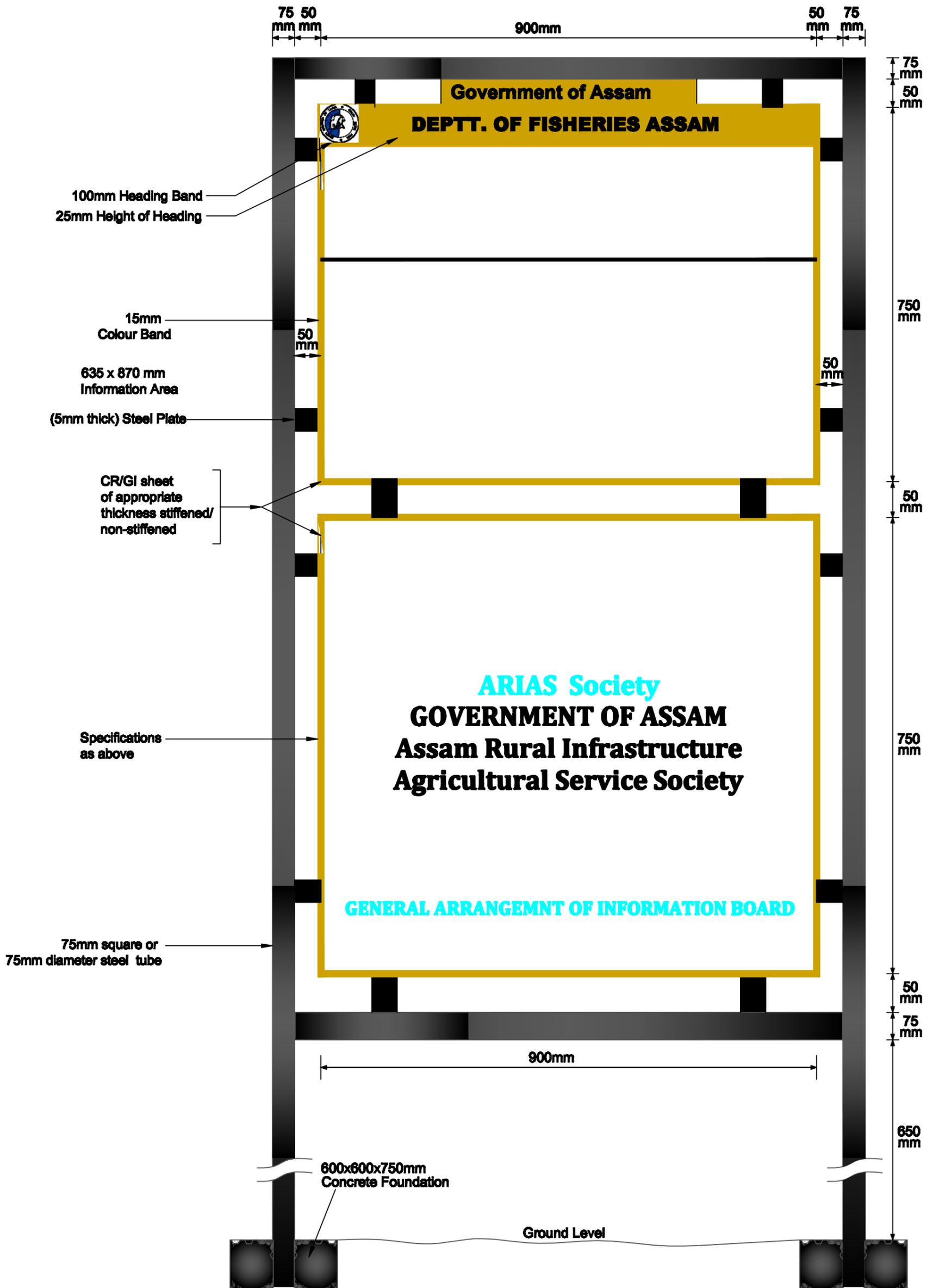
Corporat office Address
SERVET, Ajanta PATH, HOUSE NO-87, GUWAHATI,
KAMRUP Dist, ASSAM, PIN-781002.
email:- basicconsultant9@gmail.com
Regd. Office Address
H. HARBABACH, K.S. ROAD,
BARBACH, ASSAM, PIN-781002
email:- basicconsultant9@gmail.com

DRAWING :
GENERAL ARRANGEMNT OF DEMARCATION
PILLAR

DRAWING No. :
ASSAM/SWIFT/GR-08/SD/10

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Current Office Address
SURVEY, Apara P.O., HOUSE NO-01, GUMPHATI,
KAMRUPOUR (M), ASSAM, PIN-781001
email: basicconsultant@gmail.com

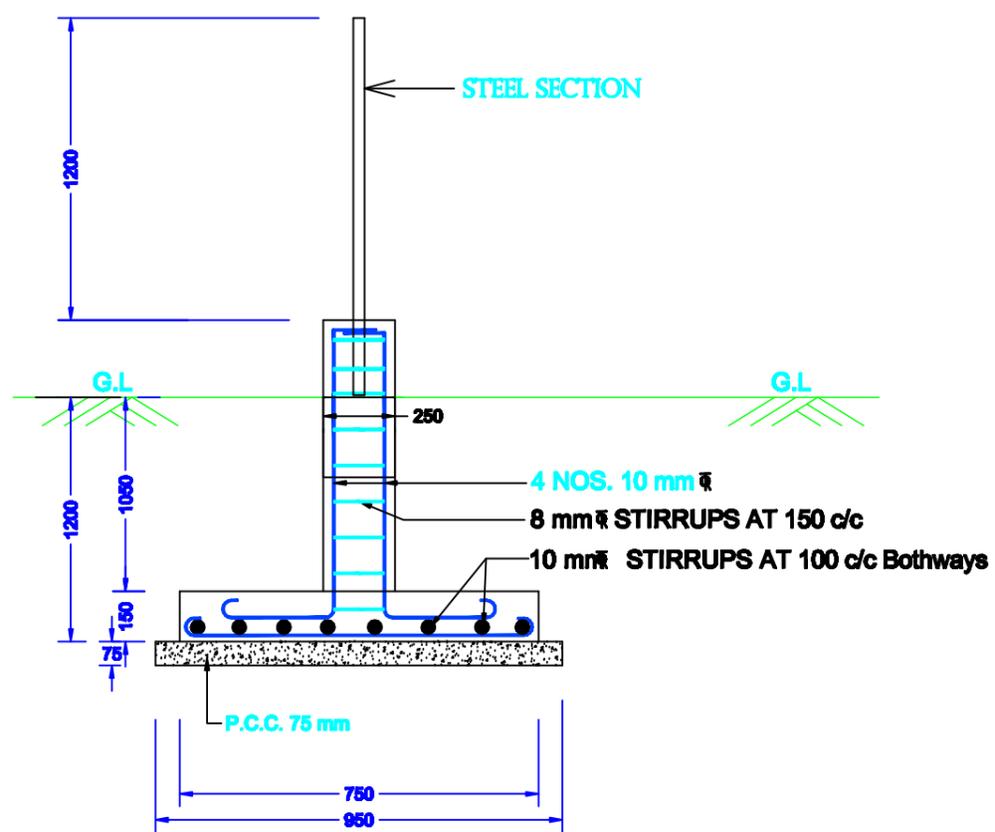
Head Office Address
B. HOSHAIBARI, B.D. ROAD,
MORONG, ASSAM, PIN-781001
email: basicconsultant@gmail.com

DRAWING :
GENERAL ARRANGEMNT OF
INFORMATION BOARD

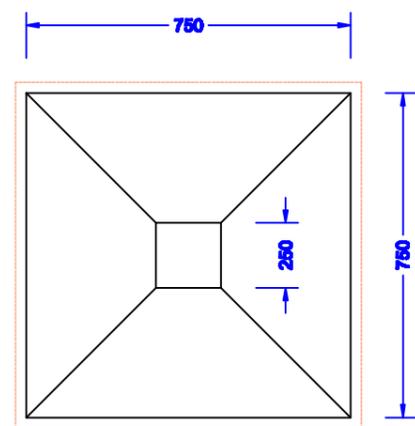
DRAWING No. :
ASSAM/SWIFT/GR-08/SD/11

NOT TO SCALE

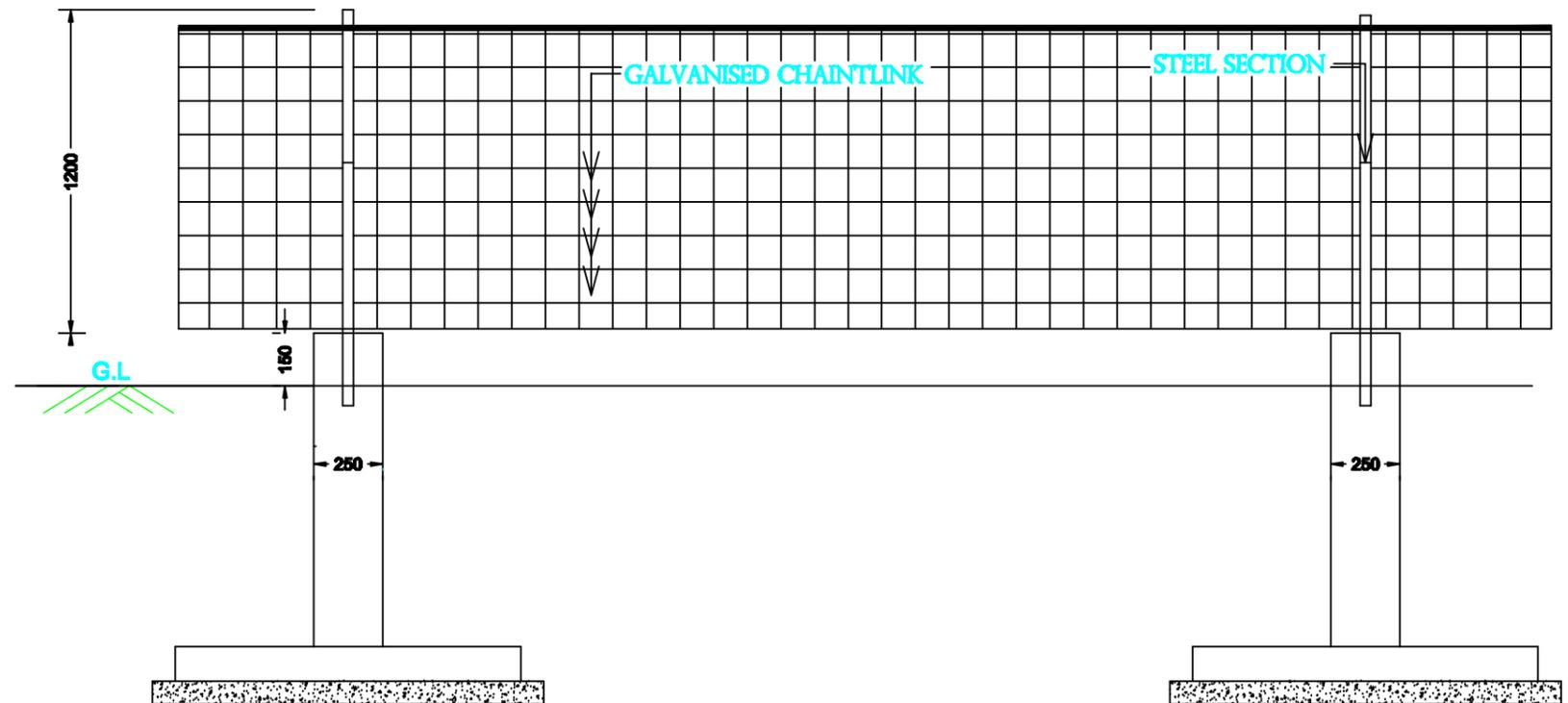
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



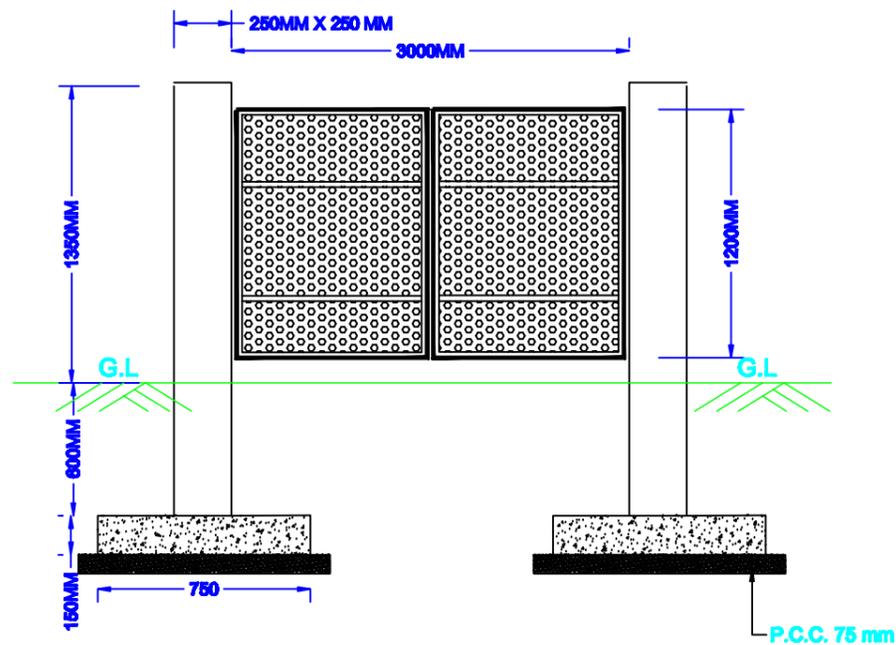
DETAIL OF FOOTING & COLUMN



PLAN FOR FOUNDATION



ELEVATION OF FENCING



ELEVATION OF IRON GATE

BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corporate Office Address
SURVEY, Assam PATH, HOUSE NO-87, GOWAHATI,
KAMRUP (M), ASSAM, PIN-781002.
email: basicconsultant@yahoo.com
Regd. Office Address
H. HABIBACHA, BILARDIAR,
BARACH, ASSAM, PIN-782002
email: basicconsultant@yahoo.com

DRAWING :

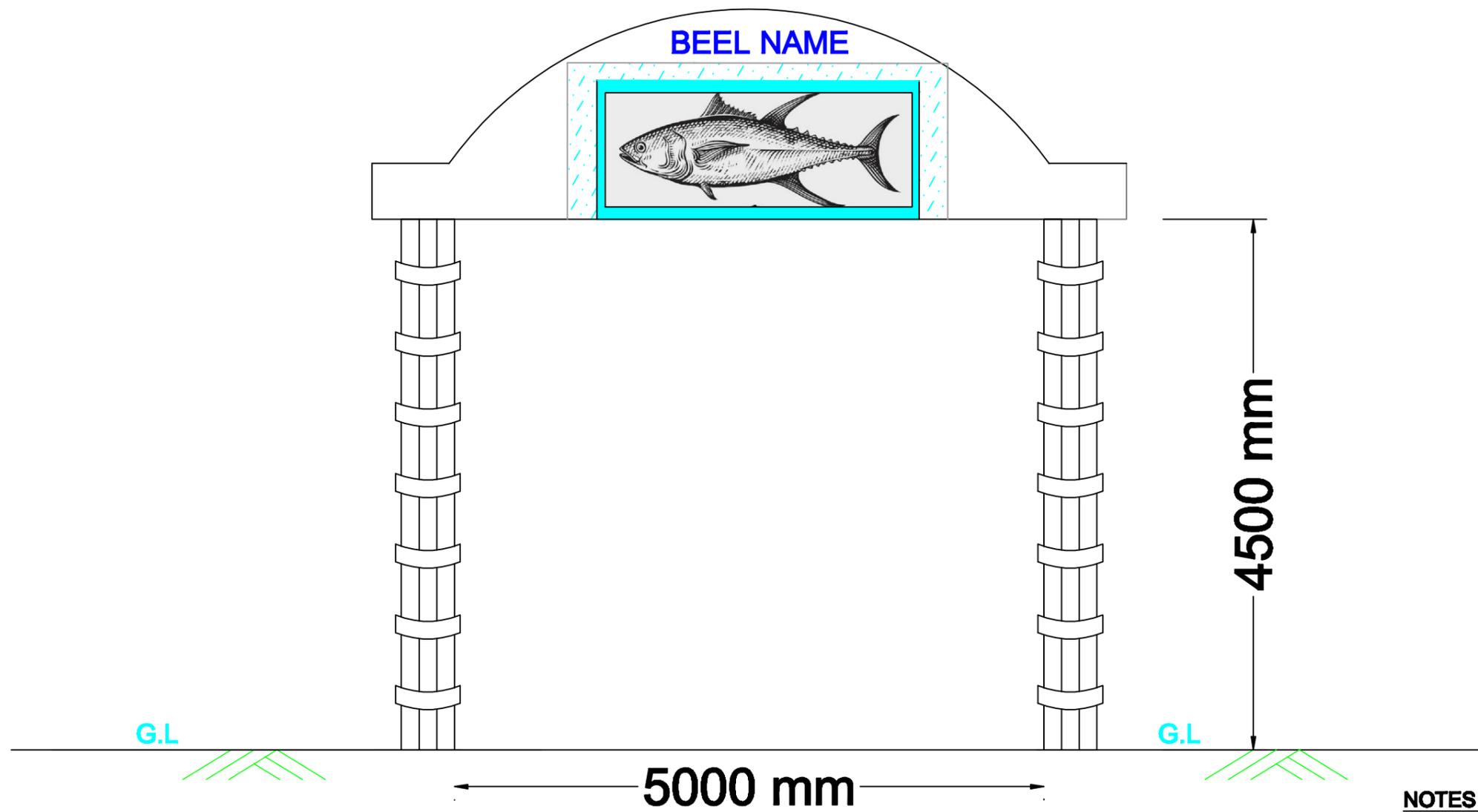
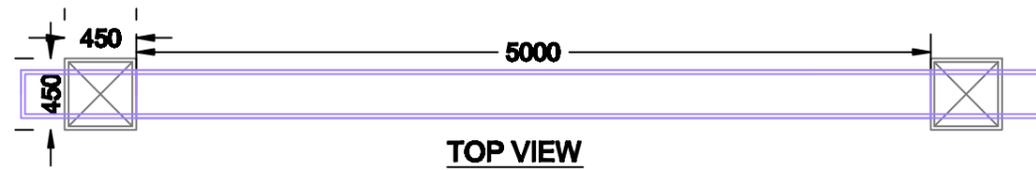
PLAN & CS OF FENCING WITH IRON GATE

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/12

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



**ELEVATION
ENTRY GATE**

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 .

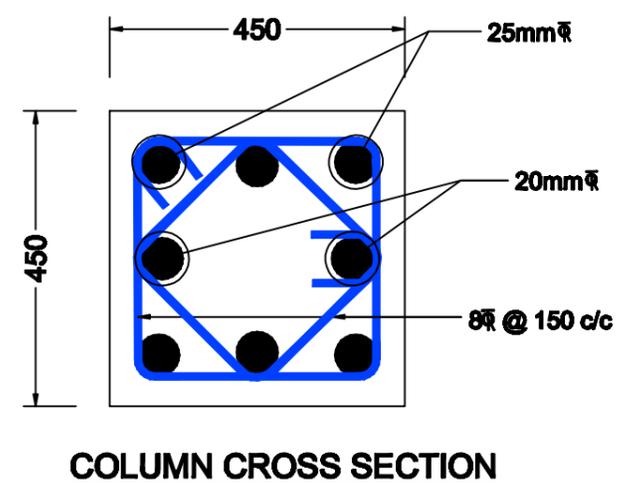
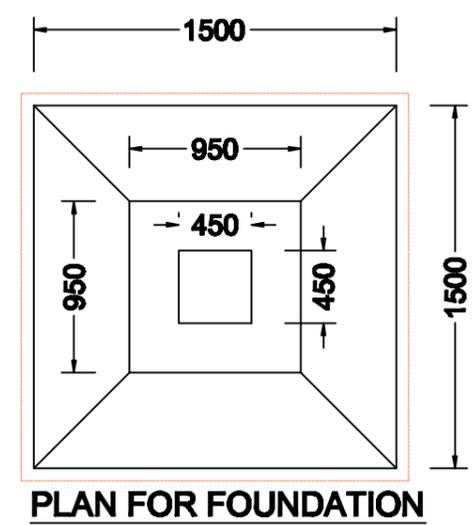
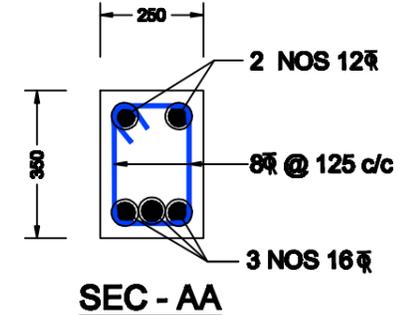
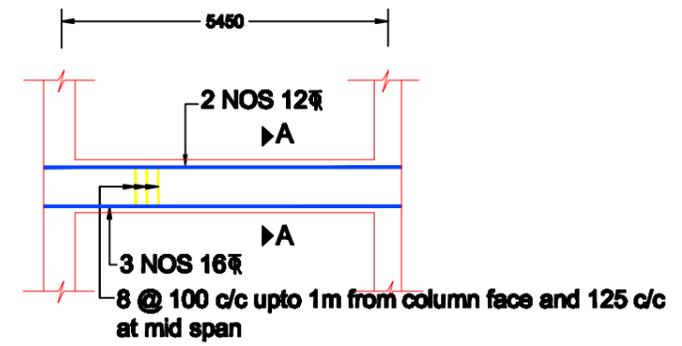
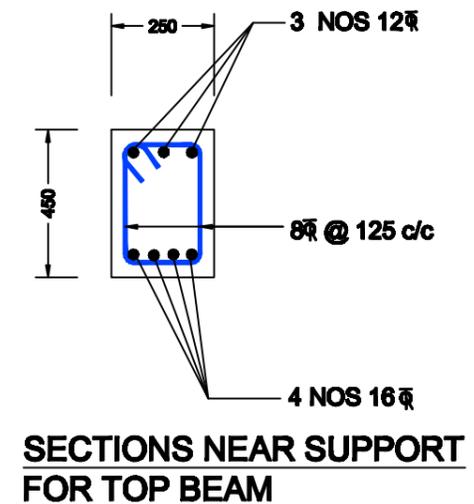
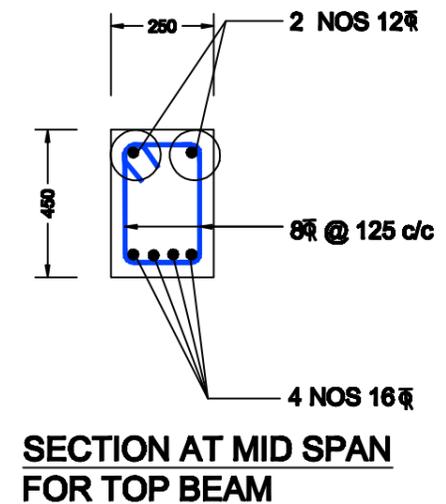
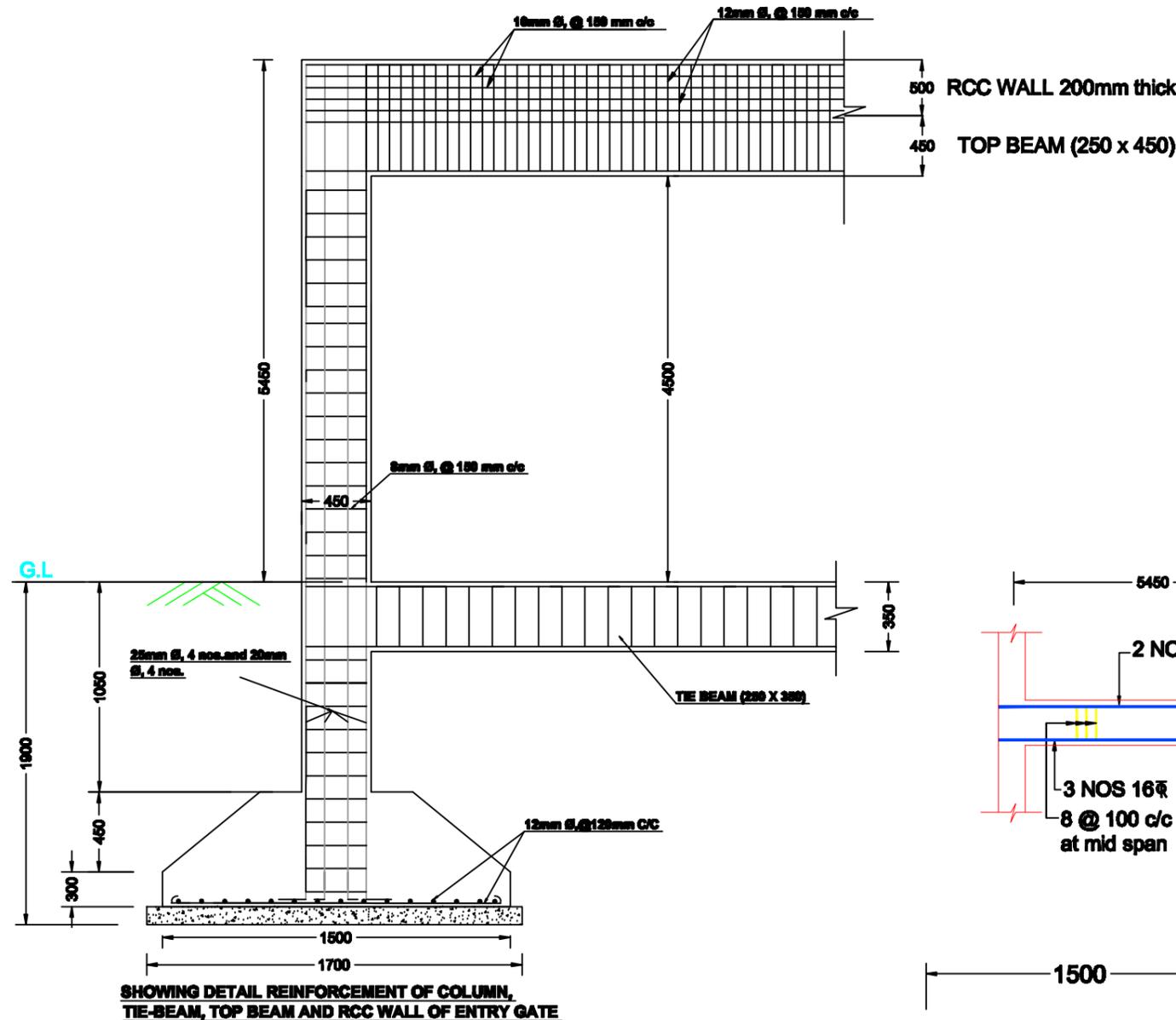
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. Office Address
 SERVIT, Ajanta PATH, HOUSE NO-07, GUWAHATI,
 KAMRUPOH DIST, ASSAM, PIN-781002.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 H. HARBARDI, K.B. ROAD,
 NABACH, ASSAM, PIN-782202
 email:-basicconsultant@gmail.com

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

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

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. 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

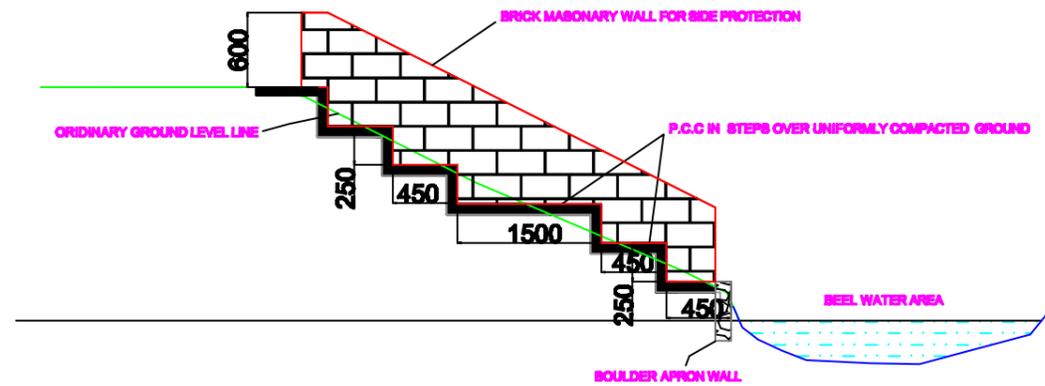
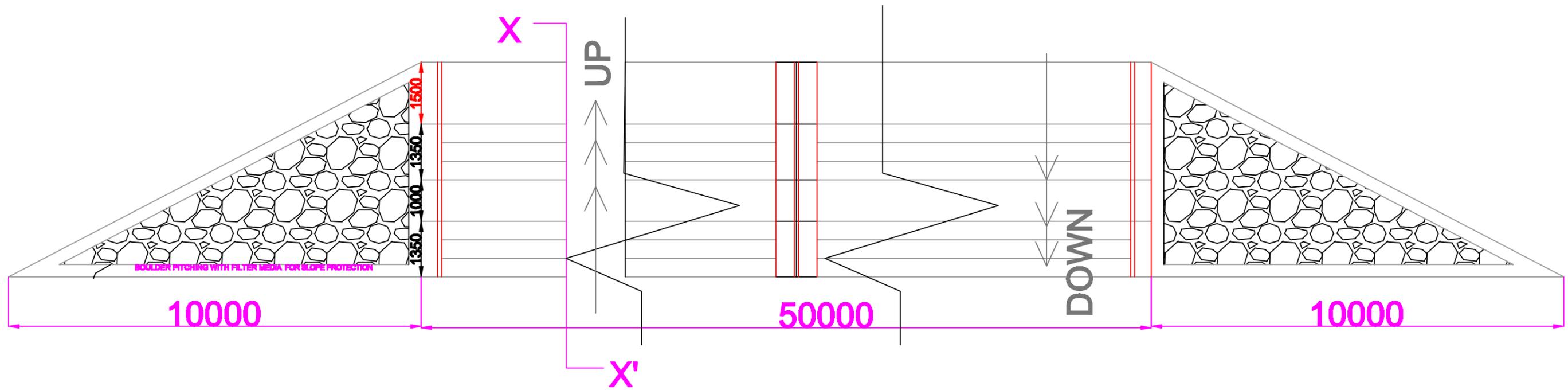
Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corporat office Address
SERVITY, Agaria PATH, HOUSE NO-07, GUWAHATI,
KAMRUP Dist, ASSAM, PIN-781002.
email:-basicconsultant@gmail.com
Rural Office Address
N. HARBARDI, K.B. ROAD,
NABACH, ASSAM, PIN-782202
email:-basicconsultant@gmail.com

DRAWING :
STRUCTURAL DETAILS OF ENTRY GATE

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

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corporat office Address
SERVET, Ajanta PATH, HOUSE NO-87, GUWAHATI,
KAMRUP Dist, ASSAM, PIN-781002.
email- basicconsultant9@gmail.com
Regional Office Address
N. HARBABACH, K.S. ROAD,
NABACH, ASSAM, PIN-782202
email- basicconsultant9@gmail.com

DRAWING :
GHAT OR STEPS

DRAWING No. :
ASSAM/SWIFT/GR-08/SD/14

NOT TO SCALE

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society