

# **GOVERNMENT OF ASSAM**

## **Name of Work:**

**Mirika Beel in Dibrugarh District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.**

**GROUP - 08**

**VOLUME II - DRAWINGS**

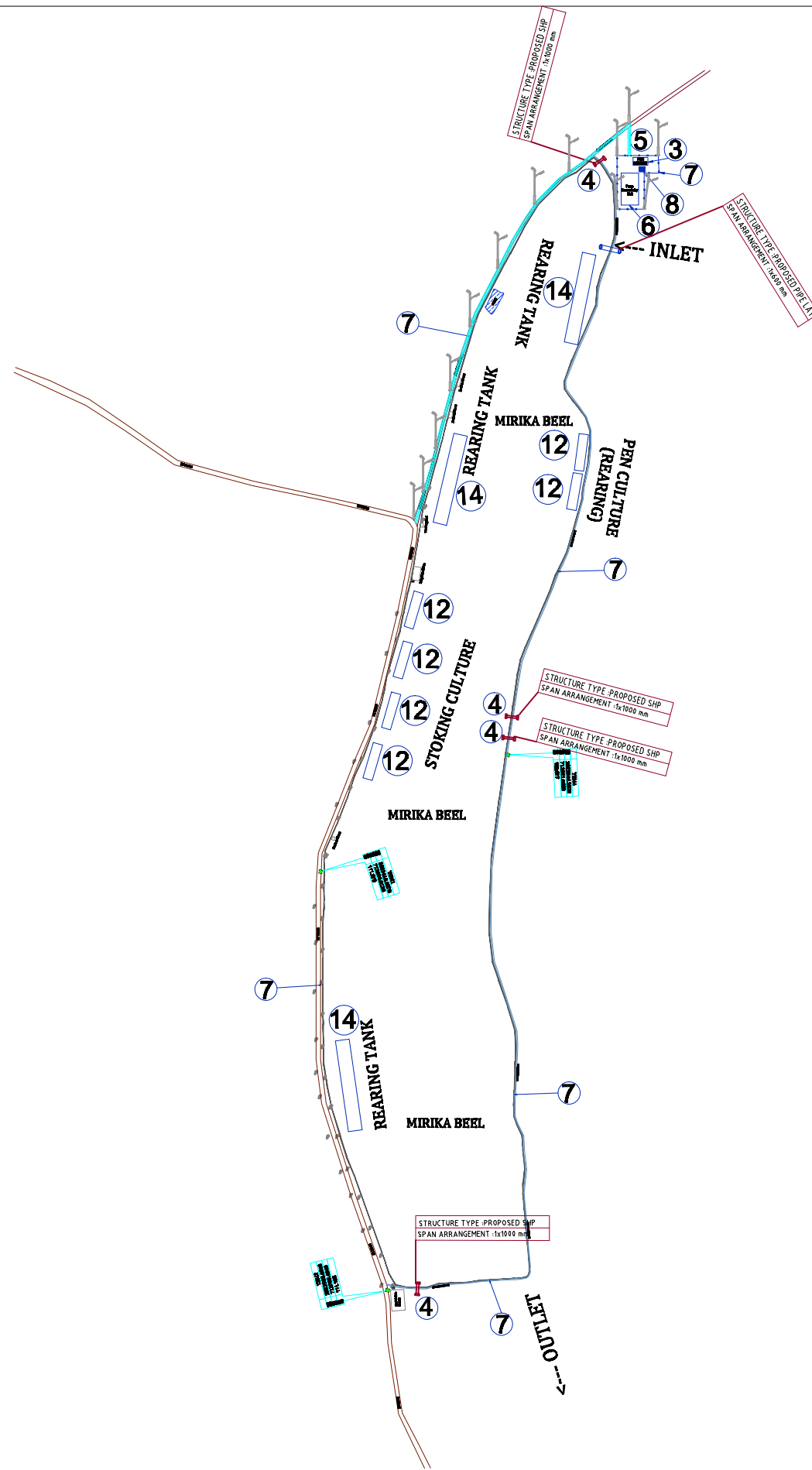
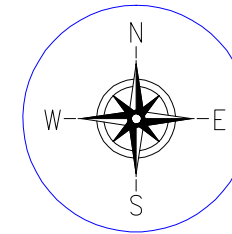
**ARIAS Society**

**GOVERNMENT OF ASSAM**

**Assam Rural Infrastructure Agricultural Service Society**

<b>SL. NO.</b>	<b>TITLE</b>	<b>DRG. NO.</b>
<b>GENERAL</b>		
<b>ENGINEERING SURVEY &amp; MAPS</b>		
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
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10	GENERAL ARRANGEMENT OF PIPE CULVERT, 1X1000MM DIA	ASSAM/SWIFT/GR-08/SD/03(B)
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

# ENGINEERING SURVEY & MAPS



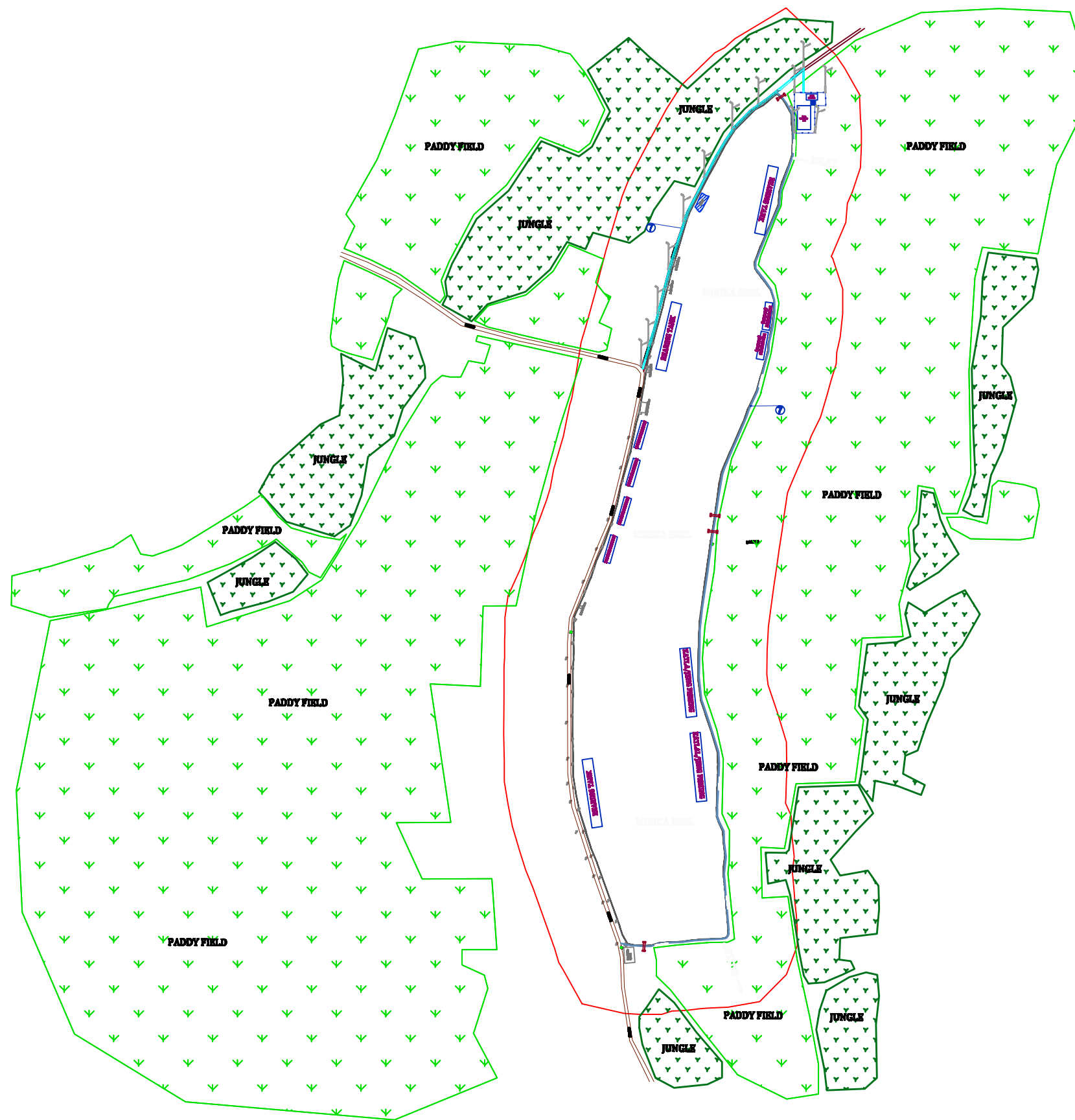
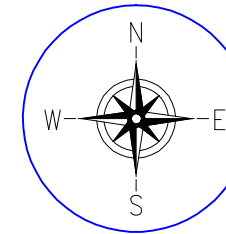
LEGEND :-	
PROPOSED HP CULVERT	
PROPOSED 600MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNDH	
PROP. DEMARCATION PILLAR	
PROP. PIPE LAY (1 x 600 D)	

LEGEND TYPE:- EXISTING	
TBM	
EXISTING CULVERT	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING CHANNEL	
EXT. EARTHEN ROAD	
EXISTING BT/OC ROAD	

PROVISIONS:	
① WEED CLEARANCE	158000 SQM.
② PROPOSED DE SILTING VOLUME	4700.30 CUM.
③ PROPOSED FISH LANDING	1 NOS. (11.85 M x 7.50 M)
④ PROPOSED CULVERT	5 NOS.
PIPE LAY (600 D)	4 NOS
STEEL PIPE (600 D)	4 NOS
⑤ PROPOSED APPROACH ROAD	542 M.
⑥ PROPOSED COMMUNITY HALL CUM. WETLAND INFORMATION CENTRE	1 NOS. (14.78 M x 13.80 M)
⑦ POP. BOUNDARY FENCING WITH IRON GATE.	194 m
⑧ PROP. STEEL OVER HEAD TANK (1000LTR)	1 NOS.
⑩ PROPOSED SOLAR LAMP	23 NOS.
⑪ PROPOSED KATALJIENG	4 NOS.
⑫ PROPOSED PEN CULTURE	8 NOS.
(i) - Rearing Pen-2 nos (0.2Ha each)	
(ii) - Stoking Pen-4 nos (0.4Ha each)	
⑭ PROPOSED REARING TANK	3 NOS. (0.15 Ha Each)
⑮ PROPOSED INFORMATION BOARD	2 NOS. (WIDTH-1.025M x HEIGHT-2.45M)
⑯ PROPOSED BAMBOO PARTITION	1 NOS (180 M)

FUTURE PROVISIONS:	
⑰ PROPOSED PONTOON FOOT BRIDGE	.....
⑱ PROPOSED VERMI COMPOSED UNIT	.....
⑲ PROPOSED ECO TOURISM	.....
⑳ PROPOSED AQUA CULTURE	.....

<b>Prepared by</b> <b>BASIC CONSULTANT</b> (ENGINEERING CONSULTANT) Corp. office Address SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI, KAMRUP (M), ASSAM, PIN-781008. email:-basicconsultant@gmail.com Regd. Office Address N. HABIBSAGH, I.L.D.ROAD, NAGASH, ASSAM, PIN-786002 email:-basicconsultant@gmail.com	<b>NAME OF THE BEEL:-</b> <b>MIRIKA BEEL</b>	<b>DISTRICT:-</b> <b>DIBRUGARH</b>	<b>AREA (Ha):-</b> <b>20.00 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 MIRIKA BEEL</b>	<b>CLIENT:</b> 	<b>DATE:</b> <table border="1"> <tr> <td>CHECKED BY:</td> <td>SUBMITTED TO:</td> <td>RECOMMENDED BY:</td> <td>APPROVED BY:</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATE:</td> <td>DATE:</td> <td>DATE:</td> <td>DATE:</td> </tr> <tr> <td>TEAM LEAD</td> <td>A.E.</td> <td>E.E.</td> <td>S.E.</td> </tr> </table>	CHECKED BY:	SUBMITTED TO:	RECOMMENDED BY:	APPROVED BY:					DATE:	DATE:	DATE:	DATE:	TEAM LEAD	A.E.	E.E.	S.E.
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DATE:	DATE:	DATE:	DATE:																				
TEAM LEAD	A.E.	E.E.	S.E.																				
<b>SCALE:- 1:1000</b>	<b>DRAWING NO :-</b> <b>ASSAM/SWIFT/GR-08/PLAN/01</b>																						



**LEGEND :-**

PROPOSED HP CULVERT	
PROPOSED 600MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNDH	
PROP. DEMARCATION PILLAR	
PROP. PIPE LAY (1 x 600 D)	

**LEGEND TYPE:- EXISTING**

TBM	
EXISTING CULVERT	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING CHANNEL	
EXT. EARTHEN ROAD	
EXISTING BT/OC ROAD	
PADDY FIELD / JUNGLE	

**Prepared by**  
**BASIC CONSULTANT**  
(ENGINEERING CONSULTANT)

**Current Office Address**  
SURVEY, AJANTA PATH, HOUSE NO-07, GURMAHATI,  
KAMRUP DIST, ASSAM, PIN-781001.  
email:- basicconsultant@gmail.com

**Home Office Address**  
N. BANDEBARI, BARDIGAN,  
MADHAKH, ASSAM, PIN-781001  
email:- basicconsultant@gmail.com

**NAME OF THE BEEL:-**  
**MIRIKA BEEL.**

**DISTRICT:-**  
**DIBRUGRAH**

**AREA (Ha):-**  
**20.00 Ha**

**DRAWING NO :-**  
**ASSAM/SWIFT/GR-06/PLAN/02**

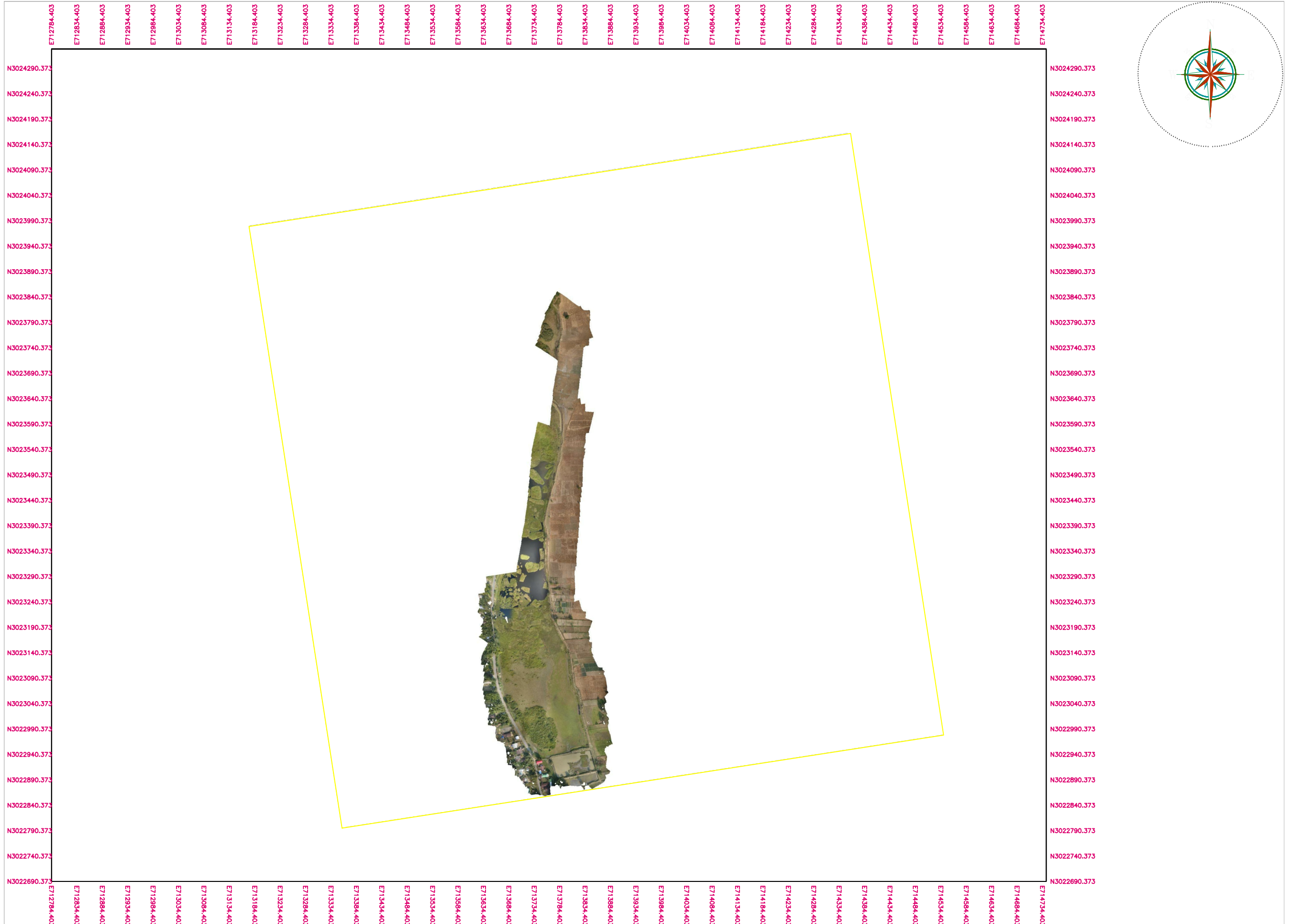
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**SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT**

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

**CLIENT:**



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



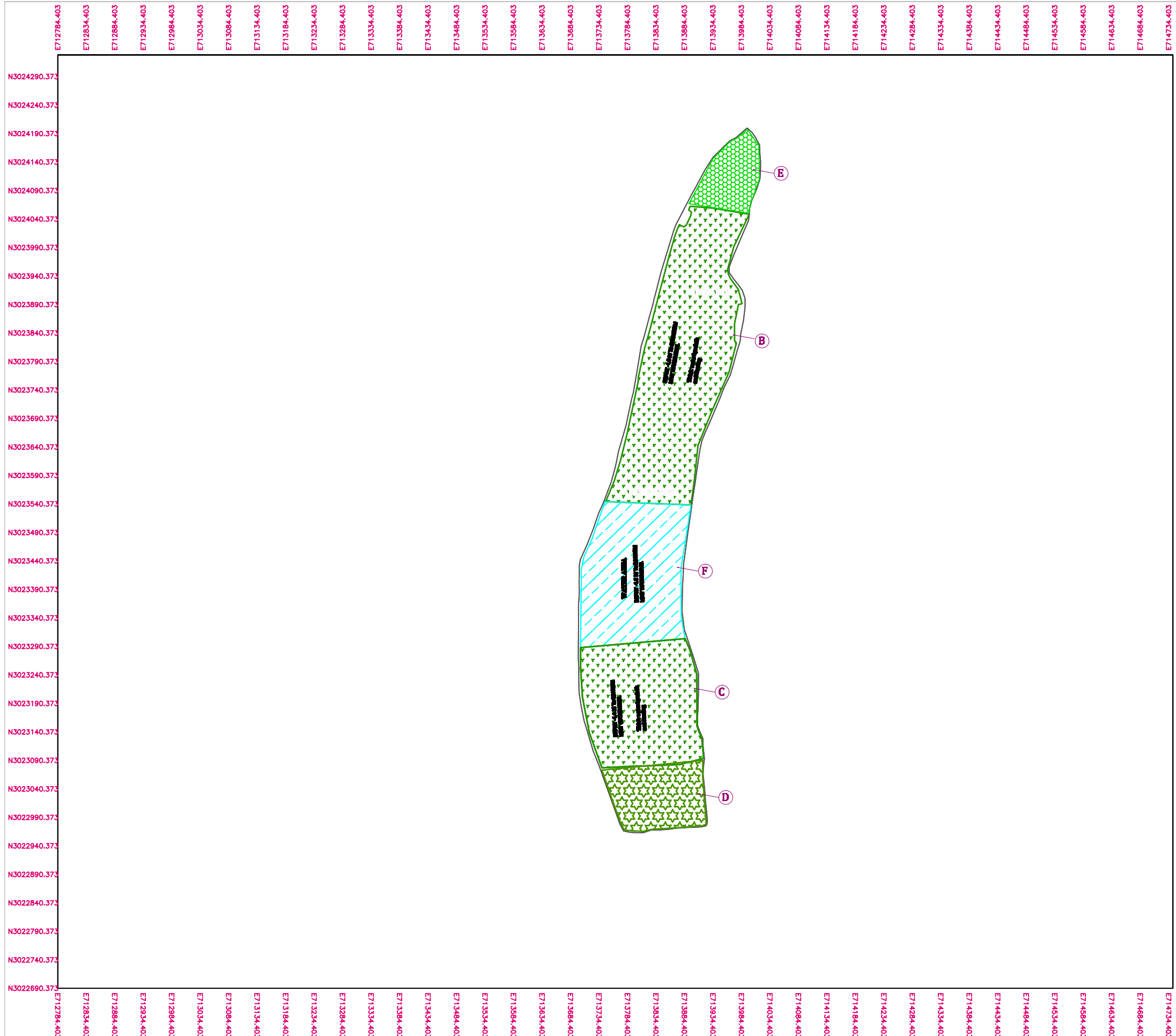
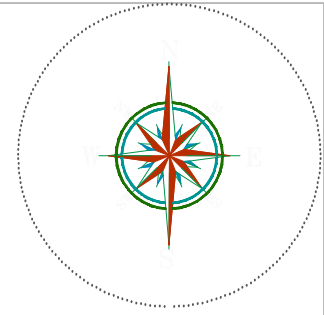
**Prepared by**  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Current office Address  
 SURVEY, Akshay PATH, BOWEN RD-07, GUWAHATI,  
 KAMRUP DIST, ASSAM, PIN-781005.  
 email-[basicconsultant@gmail.com](mailto:basicconsultant@gmail.com)  
 Regd. Office Address  
 H. HANMARDI, H. BORDA,  
 KARANGI, ASSAM, PIN-781005.  
 email-[basicconsultant@gmail.com](mailto:basicconsultant@gmail.com)

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

**SCALE :- 1:1000**  
**PACKAGE NO: 8**

**DRAWING :**  
**DRONE SDURVEY 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 etc	
Medium and floating etc	
Heavy and floating etc	
CLEAR WATER AREA	

**TOTAL AREA-15000.00 Sqm**

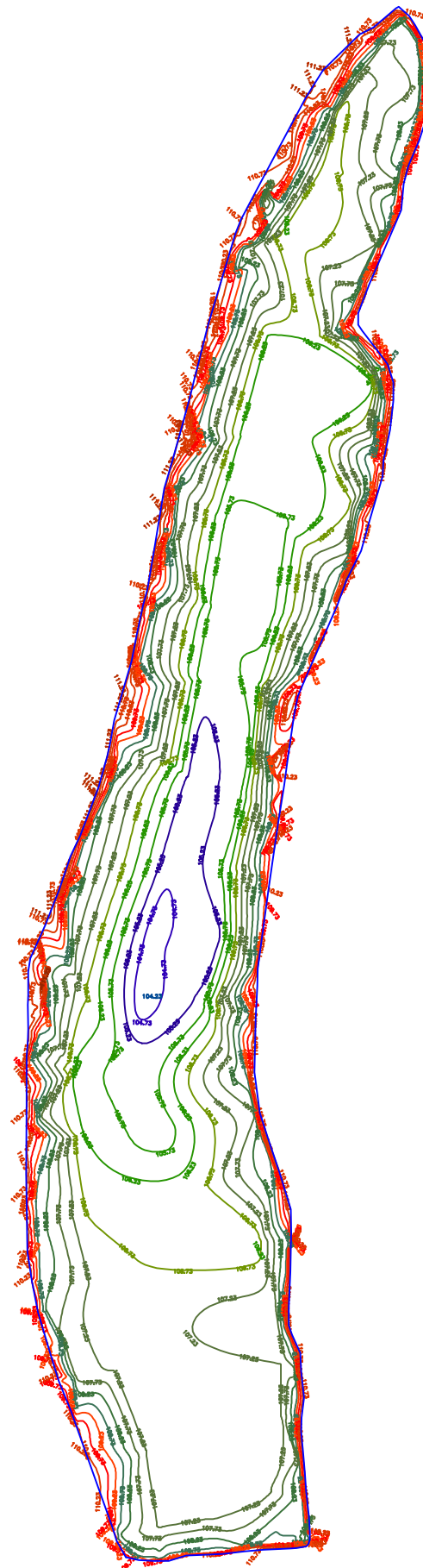
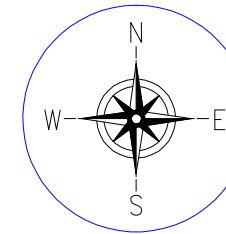
AREA DETAILS		
Sl. NO	DESCRIPTION	AREA(Sq. m)
A	Thin and floating water species and other aquatic weeds etc.	2200.00 SQ M
B	Thick and floating water species and other aquatic weeds etc.	2000.00 SQ M
C	Thin and floating Taxona, Salvinia, Pistas and other marginal aquatic weeds etc. upto a depth of 60 cm.	4210.00 SQ M
D	Medium and floating Taxona, Salvinia, Pistas and other marginal aquatic weeds etc. upto a depth of 60 cm.	2340.00 SQ M
E	Heavy and floating Taxona, Salvinia, Pistas and other marginal aquatic weeds etc. upto a depth of 60 cm to 120 cm	2690.00 SQ M
F	CLEAR WATER AREA	4000.00 SQ M


**Prepared by**  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Current Office Address  
 SURVIY, Akota PATI, BOWRI RD-07, GOWHATI,  
 KAMRUP DIST, ASSAM, PIN-781005.  
 email- basicconsultant@gmail.com  
 Regd. Office Address  
 H. HANMARDI, H. BORDA,  
 NAGALAND, ASSAM, PIN-781005.  
 email- basicconsultant@gmail.com

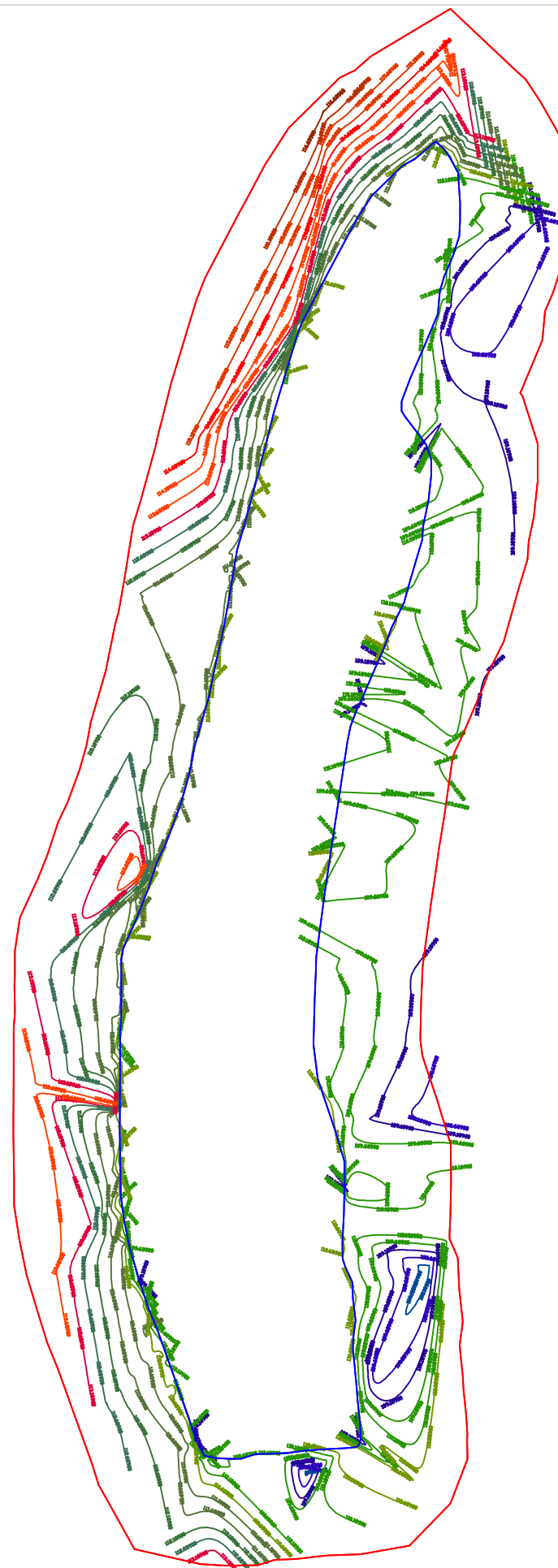
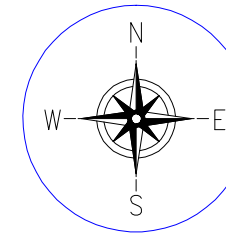
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**DE WEEDING MAP**  
**DRAWING NO**  
**ASSAM/SWIFT/GR-08/PLAN/04**

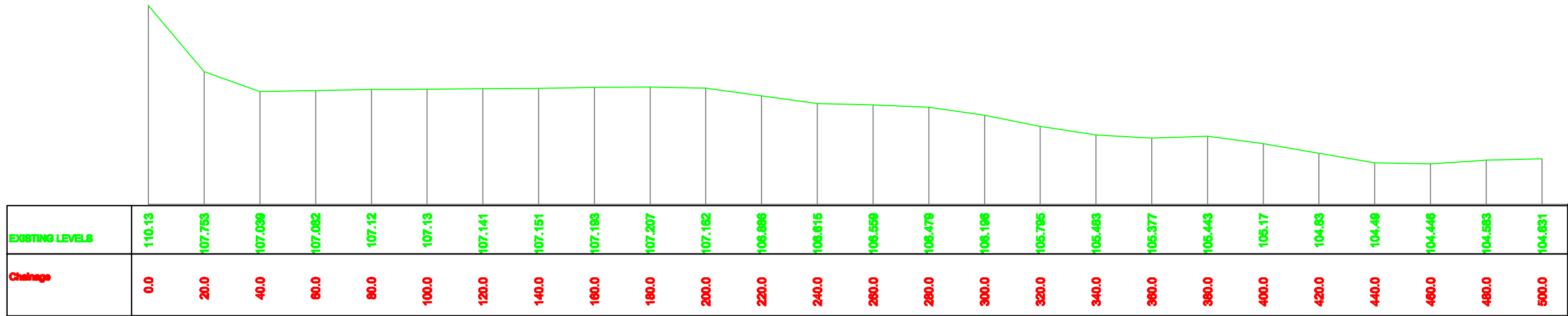
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



<b>Prepared by</b> <b>BASIC CONSULTANT</b> (ENGINEERING CONSULTANT) <small>Corprt office Address          SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI,          KAMRUP (M), ASSAM, PIN-781028.          email:-basicconsultant@gmail.com</small> <small>Regd. Office Address          N. HABIBNAGH, I.I.D.ROAD,          NAGACH, ASSAM, PIN-786002          email:-basicconsultant@gmail.com</small>	<b>NAME OF THE BEEL:-</b>  <b>MIRIKA BEEL</b>	<b>DISTRICT:-</b> <b>DIBRUGRAH</b>	<b>AREA (Ha):-</b> <b>20.00 Ha</b>	<b>PROJECT TITLE:</b>  <b>SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT</b>	<b>DWG TITLE:</b>  <b>BATHEMETRIC CONTOUR MAP OF MIRIKA BEEL</b>	<b>CLIENT:</b> 	<b>DATE:</b>				
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							<b>TEAM LEAD</b>	<b>A.L.</b>	<b>E.L.</b>	<b>S.L.</b>	



<b>Prepared by</b> <b>BASIC CONSULTANT</b> (ENGINEERING CONSULTANT) <small>Corprt office Address          SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI,          KAMRUJ (B), ASSAM, PIN-781028.          email:-basicconsultant@gmail.com</small> <small>Regd. Office Address          H. HABIBSAGH, I.I.D.ROAD,          NAGBACH, ASSAM, PIN-786002          email:-basicconsultant@gmail.com</small>	<b>NAME OF THE BEEL:-</b>  <b>MIRIKA BEEL</b>	<b>DISTRICT:-</b> <b>DIBRUGRAH</b>	<b>AREA (Ha):-</b> <b>20.00 Ha</b>	<b>PROJECT TITLE:</b>  <b>SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT</b>	<b>DWG TITLE:</b>  <b>TOPOGRAPHIC CONTOUR MAP OF MIRIKA BEEL</b>	<b>CLIENT:</b>  <small>Assam Rural Infrastructure and Agricultural Services Society</small>	<b>DATE:</b>			
	<b>SCALE :- 1:1000</b>	<b>DRAWING NO :-</b> <b>ASSAM/SWIFT/GR-08/PLAN/06</b>					<b>CHECKED BY:</b>  	<b>SUBMITTED TO:</b>  	<b>RECOMMENDED BY:</b>  	<b>APPROVED BY:</b>  
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**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  
 N. HARBARDI, K.B. ROAD,  
 NABACH, ASSAM, PIN-782202  
 email:-basicconsultant@gmail.com

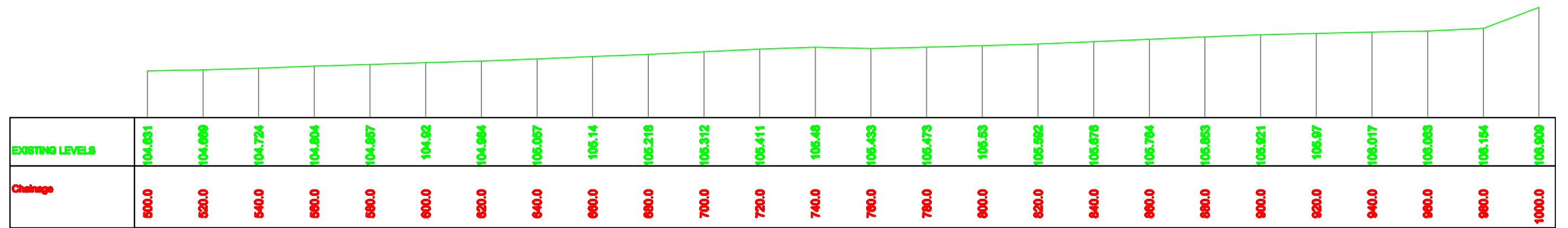
**Name of Work:-**  
**Mirika Beel in Dibrugarha District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.**

**SCALE :- 1:1000**

**PACKAGE NO: 8**

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

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



Prepared by  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corpmt 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-782002  
 email:-basicconsultant@yahoo@gmail.com

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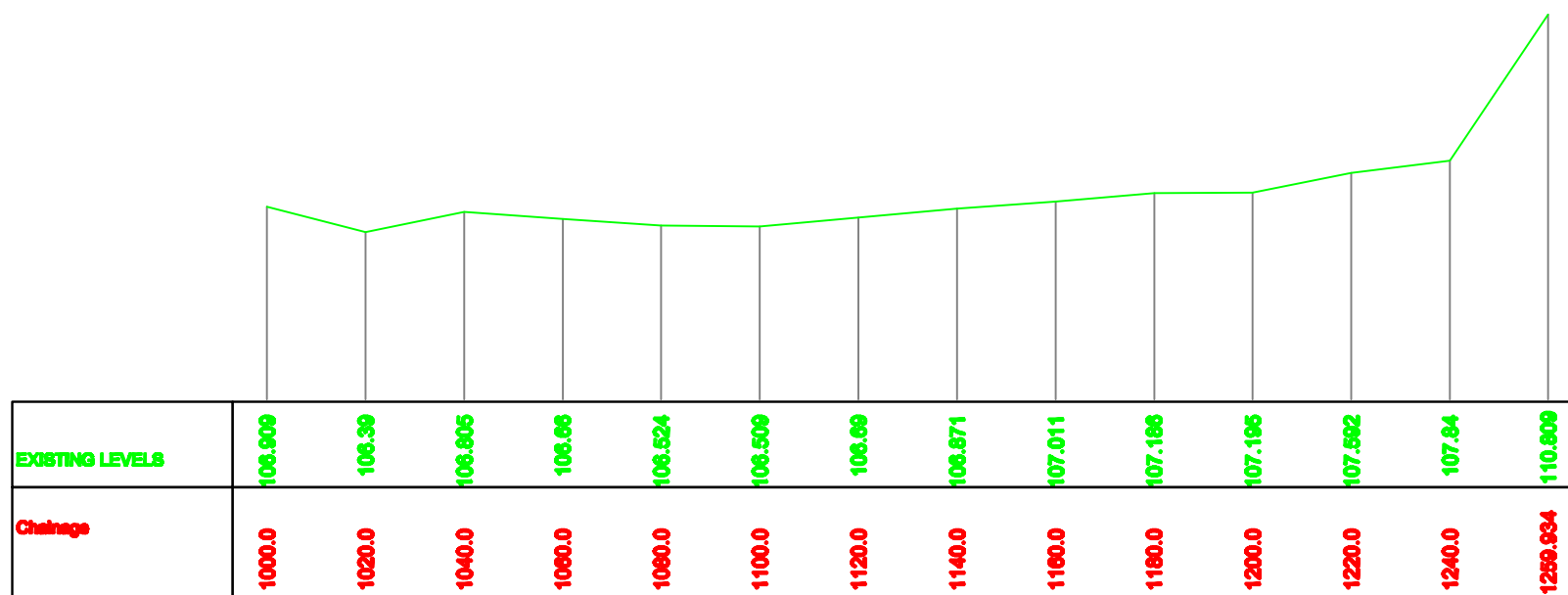
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LONGITUDINAL PROFILE OF BEEL

DRAWING NO  
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**Agricultural Service Society**



Prepared by

**BASIC CONSULTANT**  
(ENGINEERING CONSULTANT)

Corporat office Address  
SERVIT, Ajanta PATH, HOUSE NO-07, GUWAHATI,  
KAMRUPOH DIST, ASSAM, PIN-781002.  
email:-basicconsultant@yahoo@gmail.com

Regul. Office Address  
N. HARBARDI, K.B. ROAD,  
HABIGH, ASSAM, PIN-781002  
email:-basicconsultant@yahoo@gmail.com

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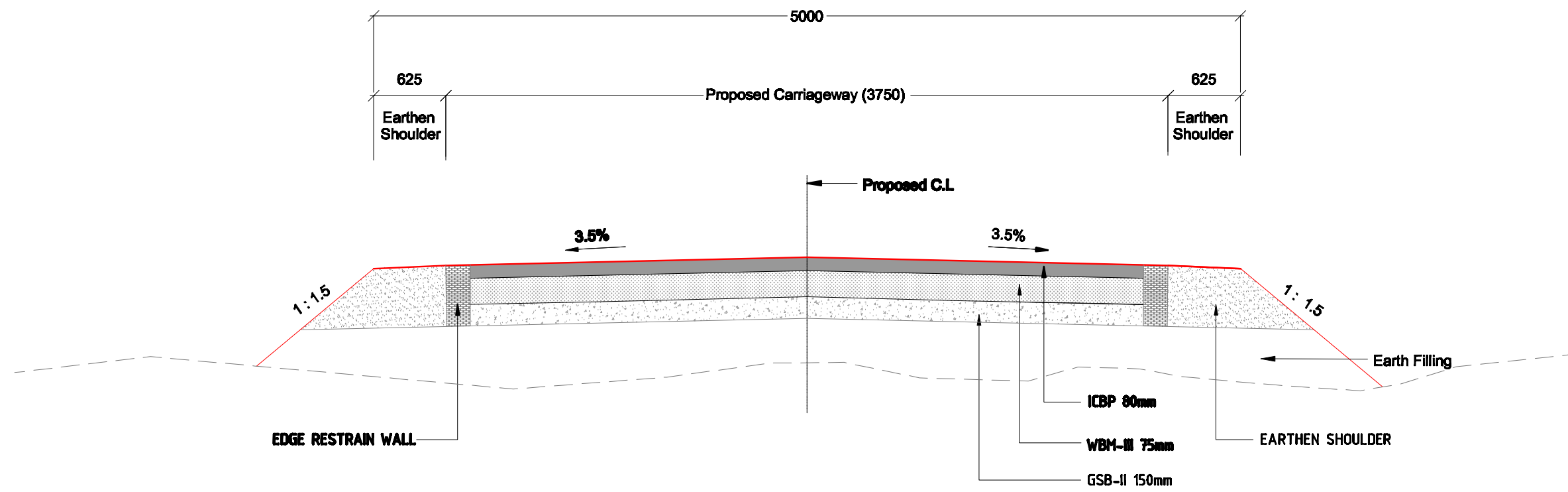
LONGITUDINAL PROFILE OF BEEL

DRAWING NO  
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**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
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# 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,  
 KAMRUP (P), ASSAM, PIN-781002.  
 email- basicconsultant@gmail.com  
 Regd. Office Address  
 H. BARANOH, BLD. ROAD,  
 HADACH, ARUNACHAL PRADESH,  
 email- basicconsultant@gmail.com

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

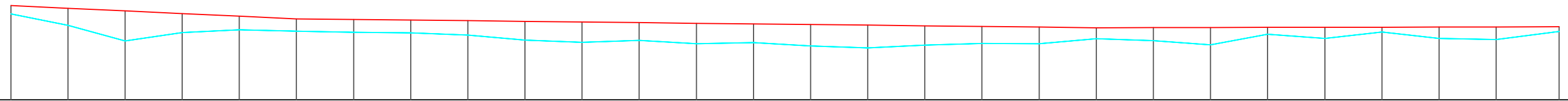
DRAWING :  
 Typical Cross Section

NOT TO SCALE

PACKAGE NO: 8

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

DATUM = 109.00 M



<b>FRL</b>	112.294	112.202	112.109	112.016	111.923	111.831	111.808	111.786	111.764	111.741	111.719	111.697	111.674	111.652	111.630	111.607	111.585	111.563	111.540	111.518	111.522	111.526	111.530	111.535	111.539	111.543	111.547	111.551
<b>OGL</b>	112.003	111.607	111.056	111.352	111.450	111.402	111.357	111.344	111.261	111.086	111.011	111.075	110.961	111.002	110.876	110.812	110.906	110.971	110.962	111.139	111.084	110.924	111.295	111.146	111.365	111.146	111.103	111.388
<b>CHAINAGE</b>	0.000	20.000	40.000	60.000	80.000	100.000	120.000	140.000	160.000	180.000	200.000	220.000	240.000	260.000	280.000	300.000	320.000	340.000	360.000	380.000	400.000	420.000	440.000	460.000	480.000	500.000	520.000	542.000
<b>FRL Gradient</b>	-1/216.663		-1/895.867										-1/4867.168															

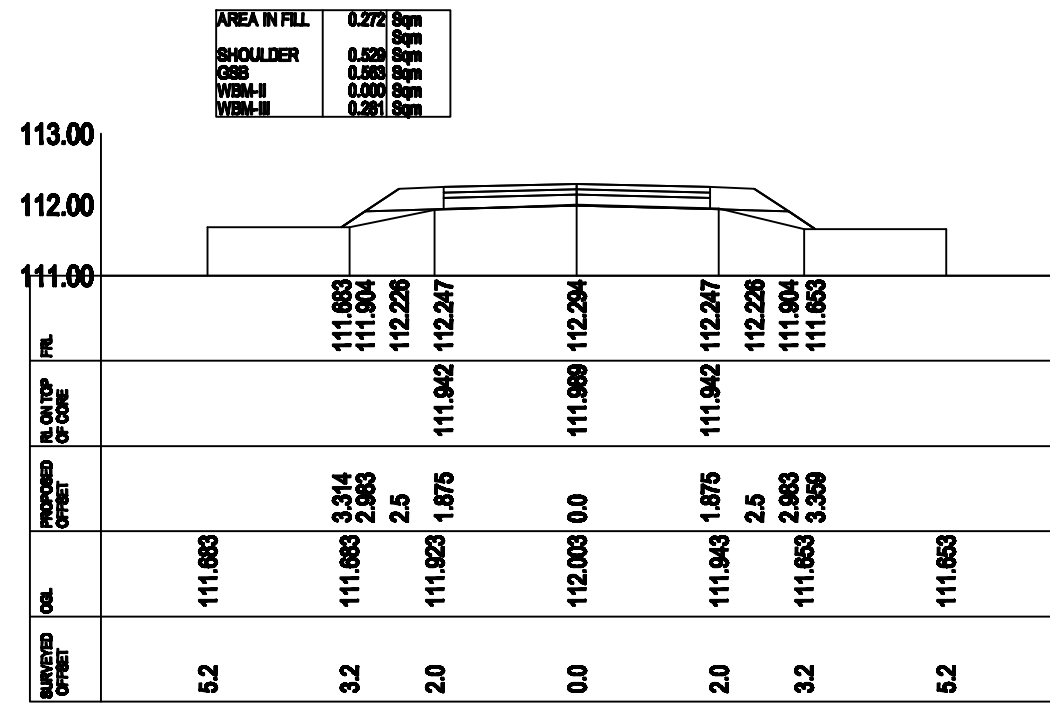
Prepared by  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corp. Office Address  
 SURVEY, Agnis PATH, HOUSE NO-27, GURAHATI,  
 KAMRUJ (N), ASSAM, PIN-781082.  
 email: basicconsultant@gmail.com  
 Regd. Office Address  
 N. HARBANSACH, N.D. ROAD,  
 NAGACH, ASSAM, PIN-785002  
 email: basicconsultant40@gmail.com

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 Mirika Beel in Dibrugrah District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

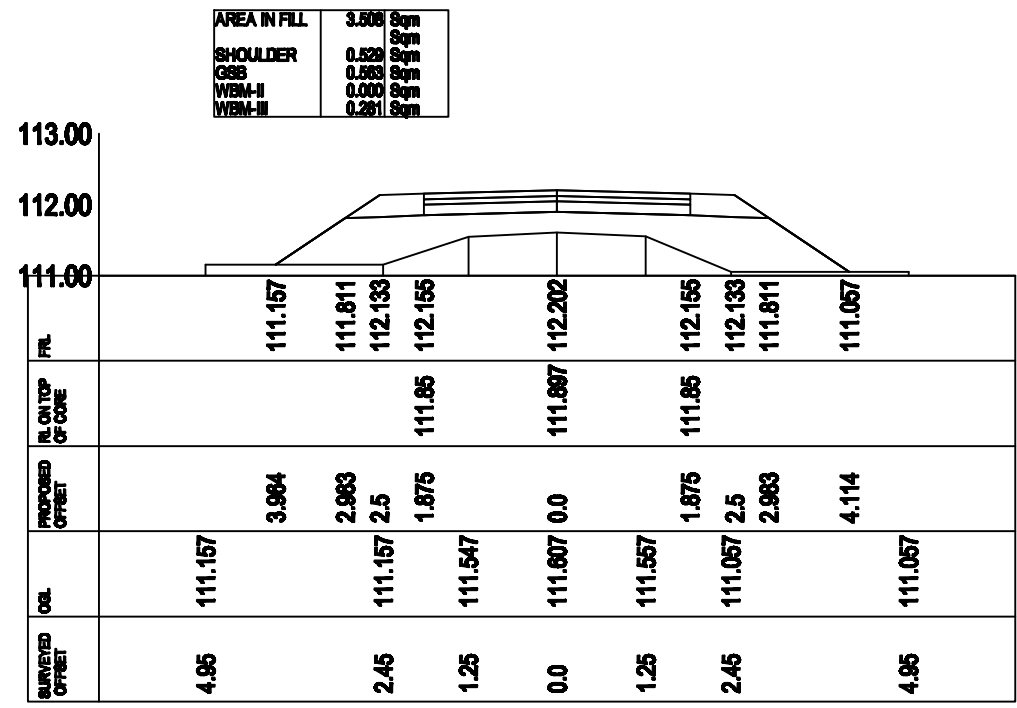
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 L PROFILE OF APPROACH ROAD

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

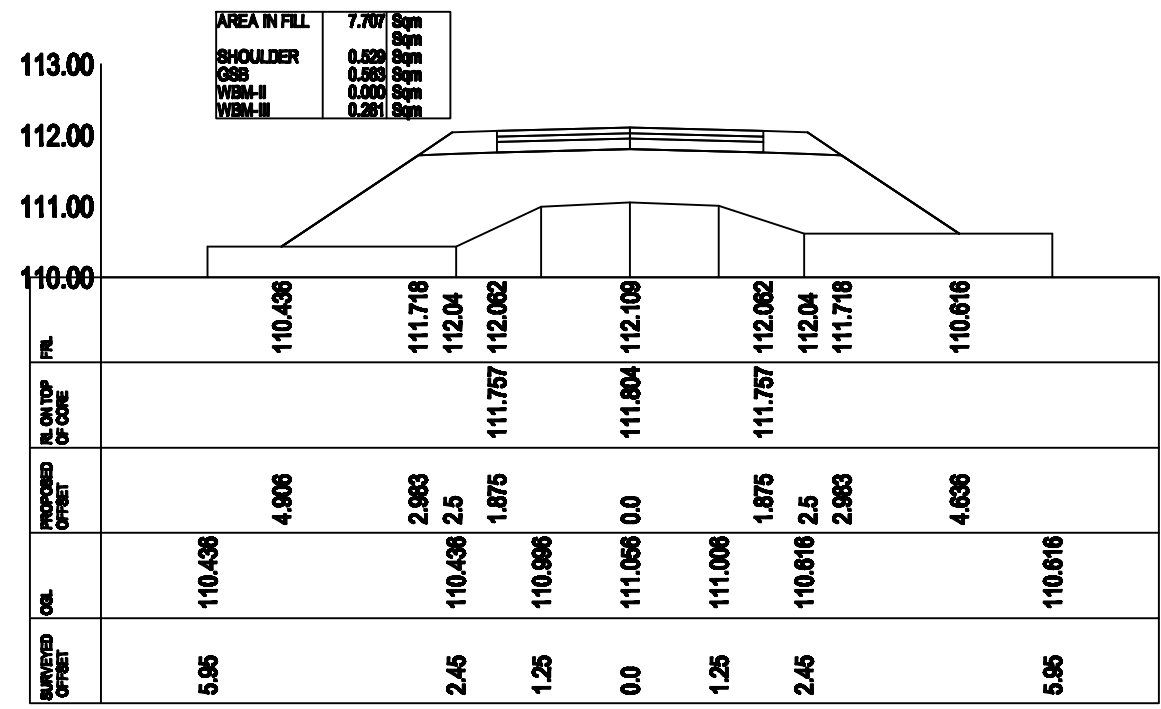
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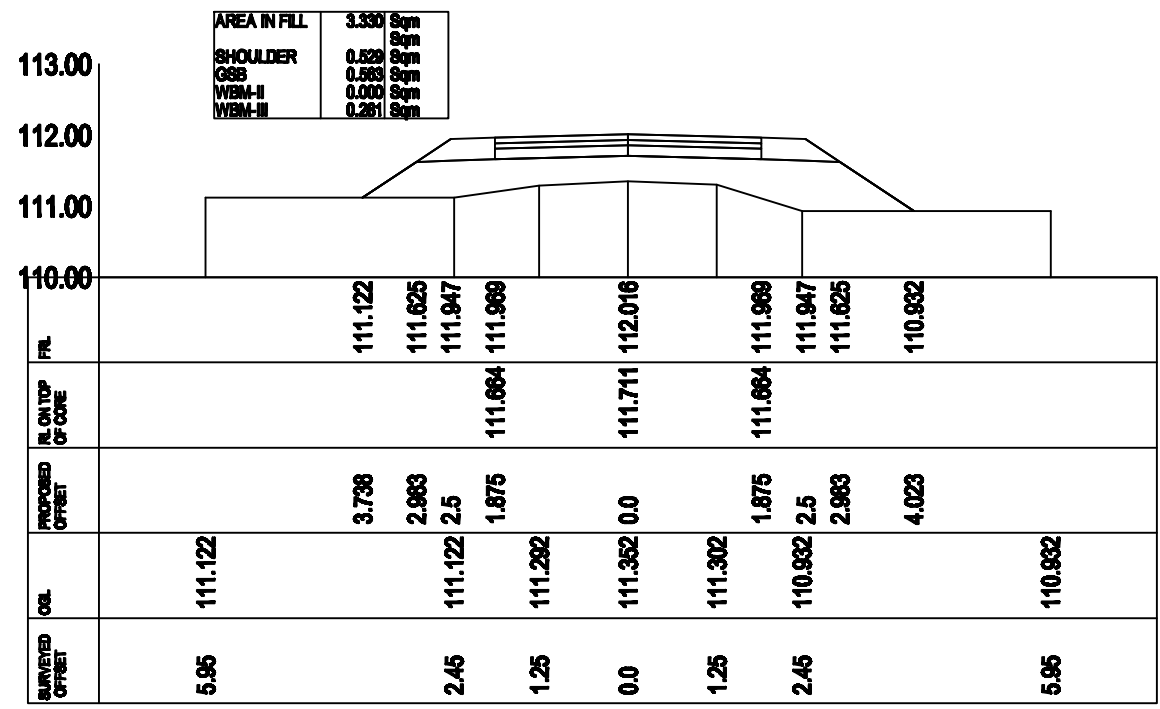
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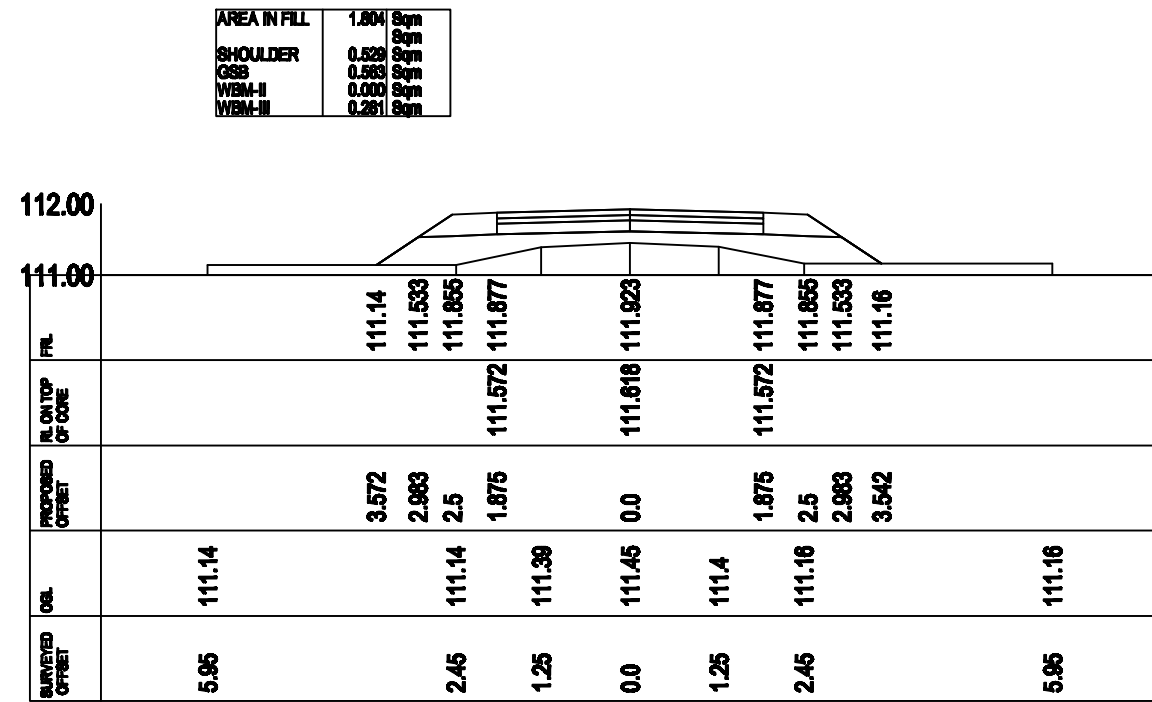
**Prepared by**  
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 (ENGINEERING CONSULTANTS)  
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 SURVEY, AGRAH PATH, HOUSE NO-87, GUNAHATI,  
 KAMRUPOUR (PO), ASSAM, PIN-781001  
 email:-basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HABIBABAD, BLDG. ROAD,  
 NAGACH, ASSAM, PIN-781002  
 email:-basicconsultant99@gmail.com

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

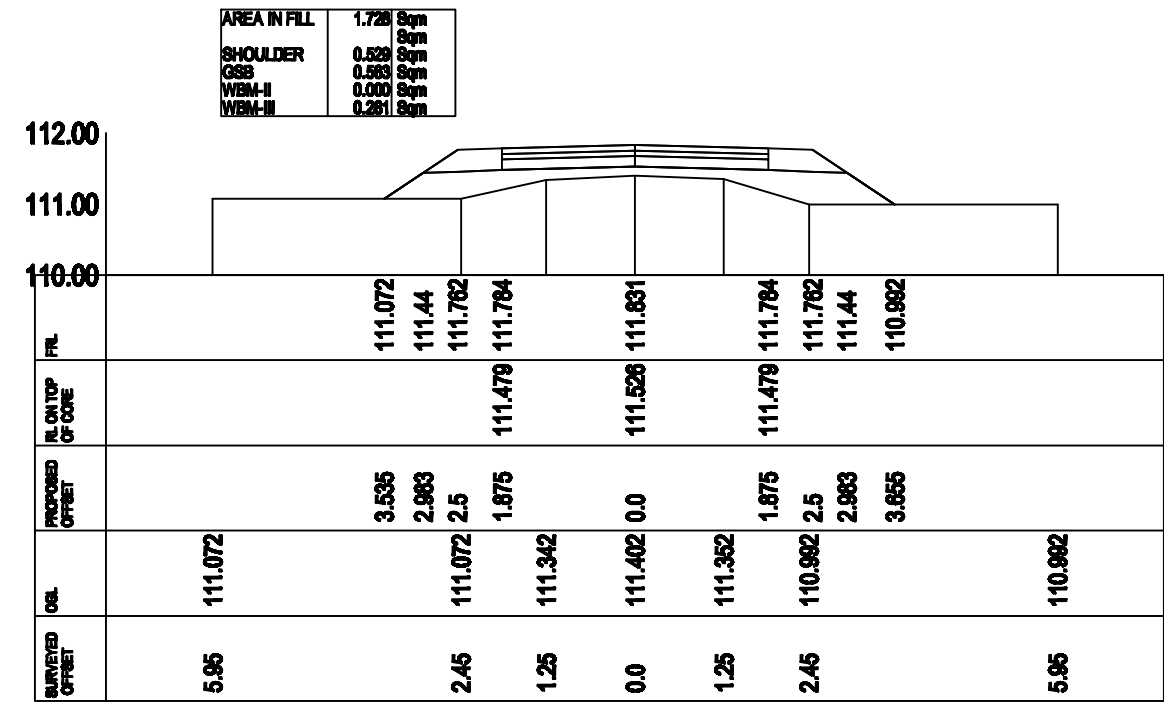
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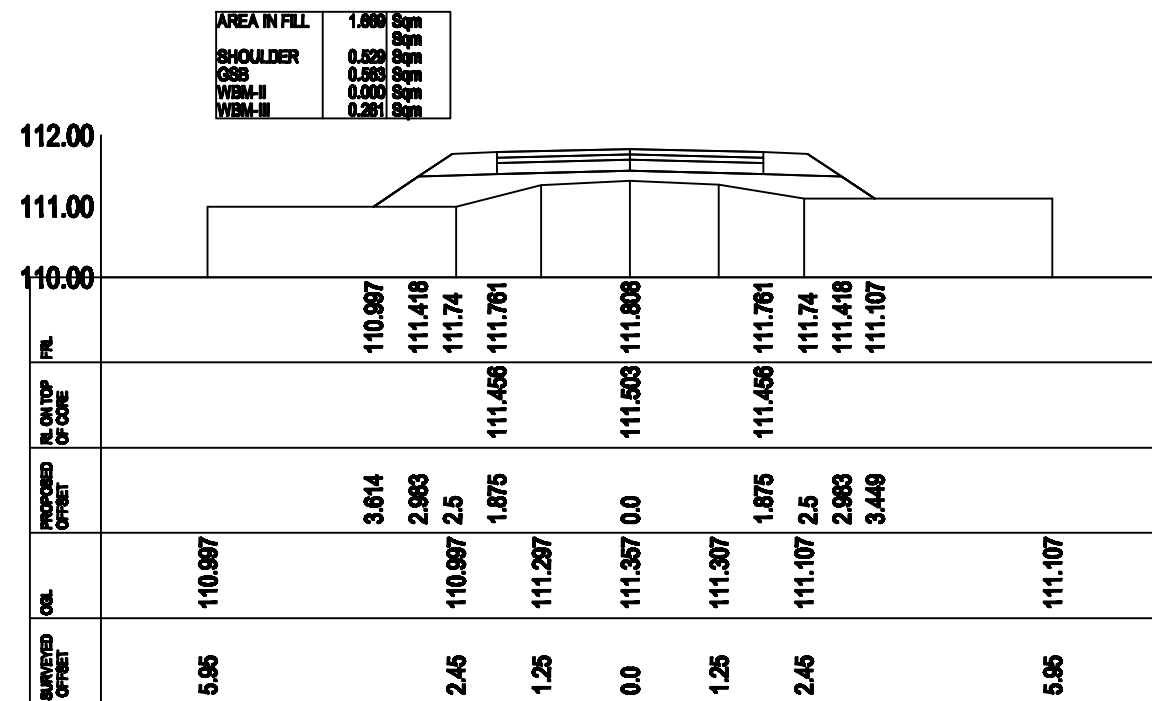
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**Agricultural Service Society**



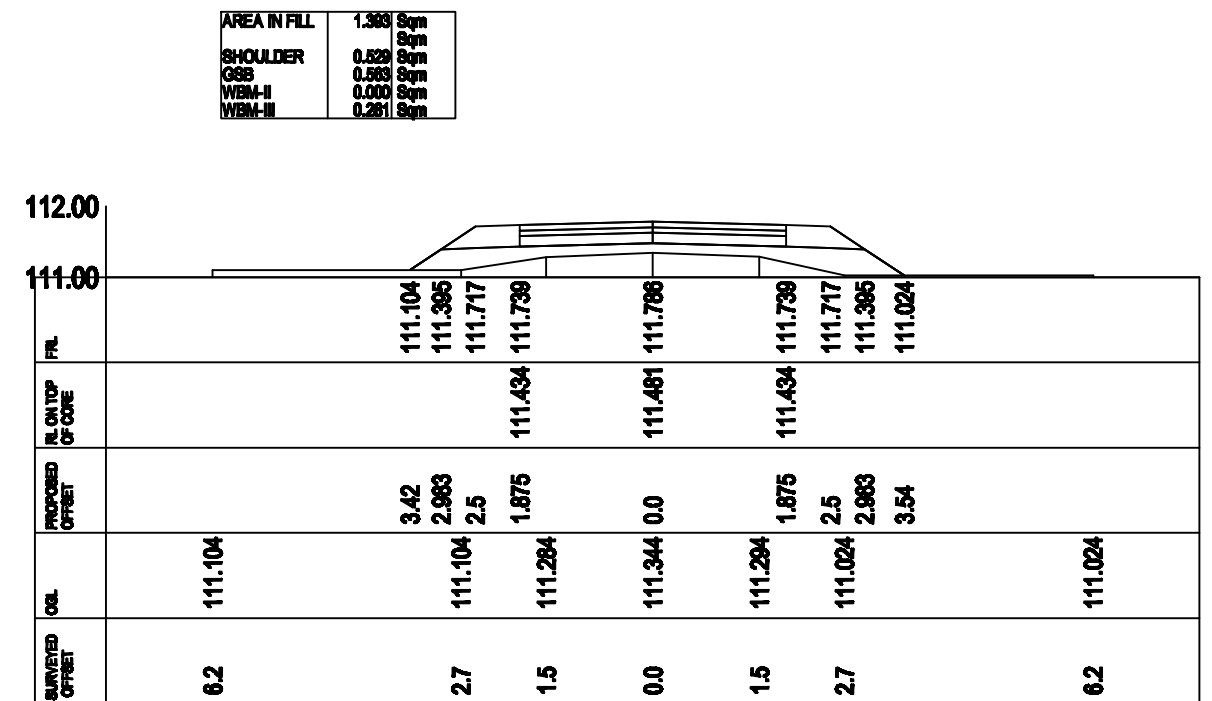
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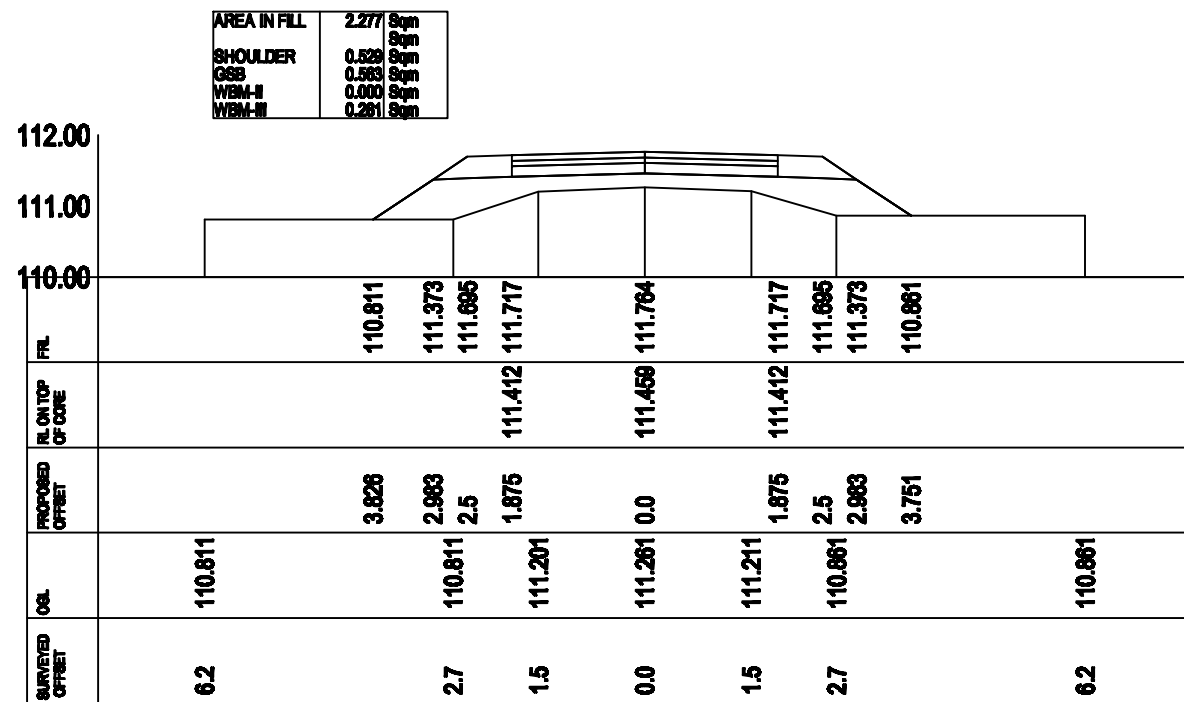
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 (ENGINEERING CONSULTANTS)  
 Corp. office Address  
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 KAMRUPOUR (PO), ASSAM, PIN-781001  
 email:-basicconsultant@rediffmail.com  
 Regd. Office Address  
 H. HABIBABAD, B.D.ROAD,  
 NAGBAGH, ASSAM, PIN-781002  
 email:-basicconsultant99@gmail.com

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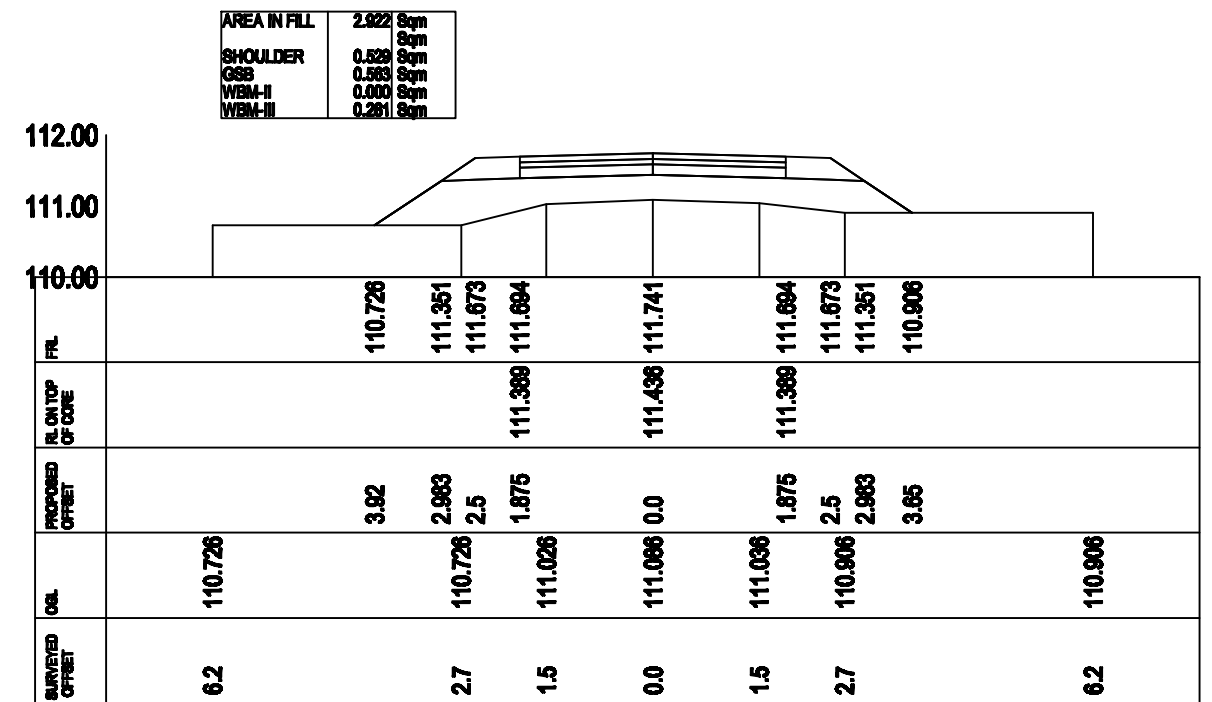
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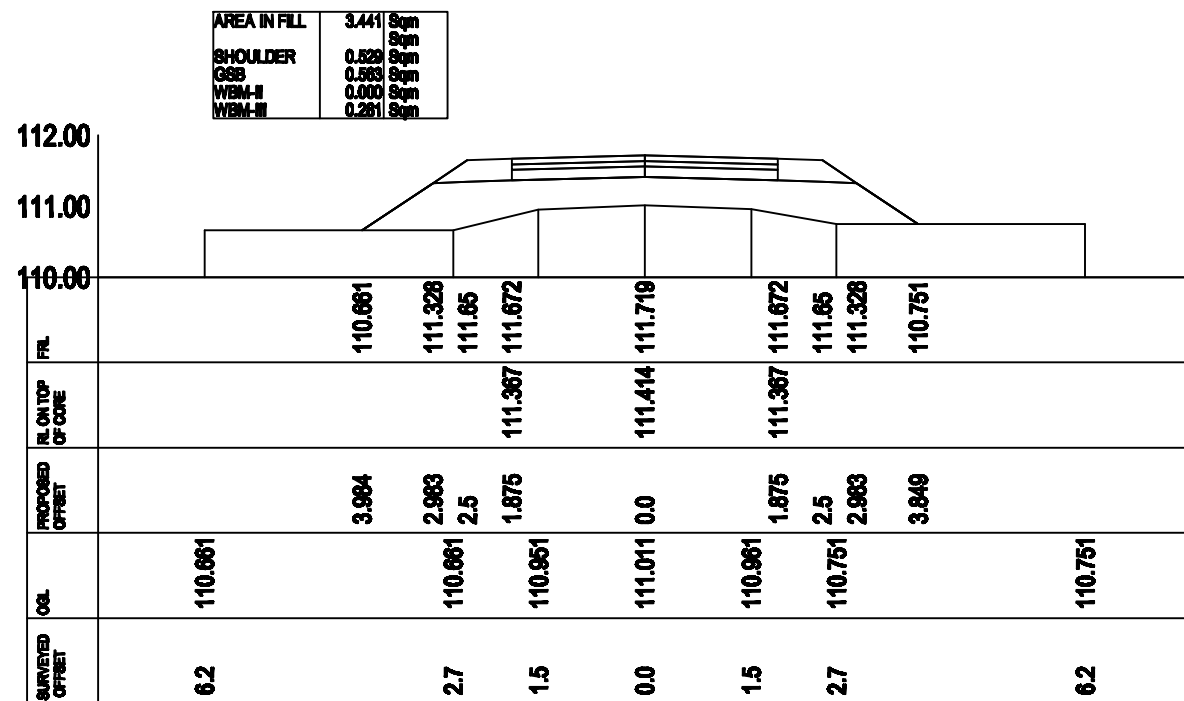
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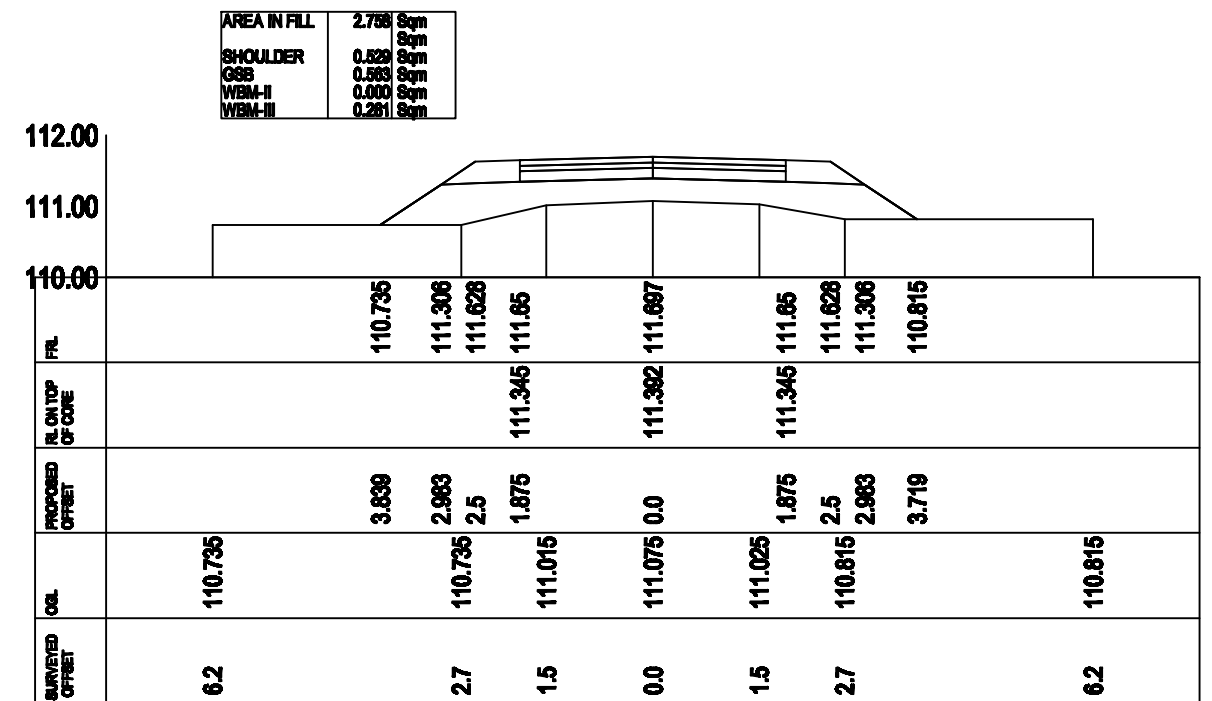
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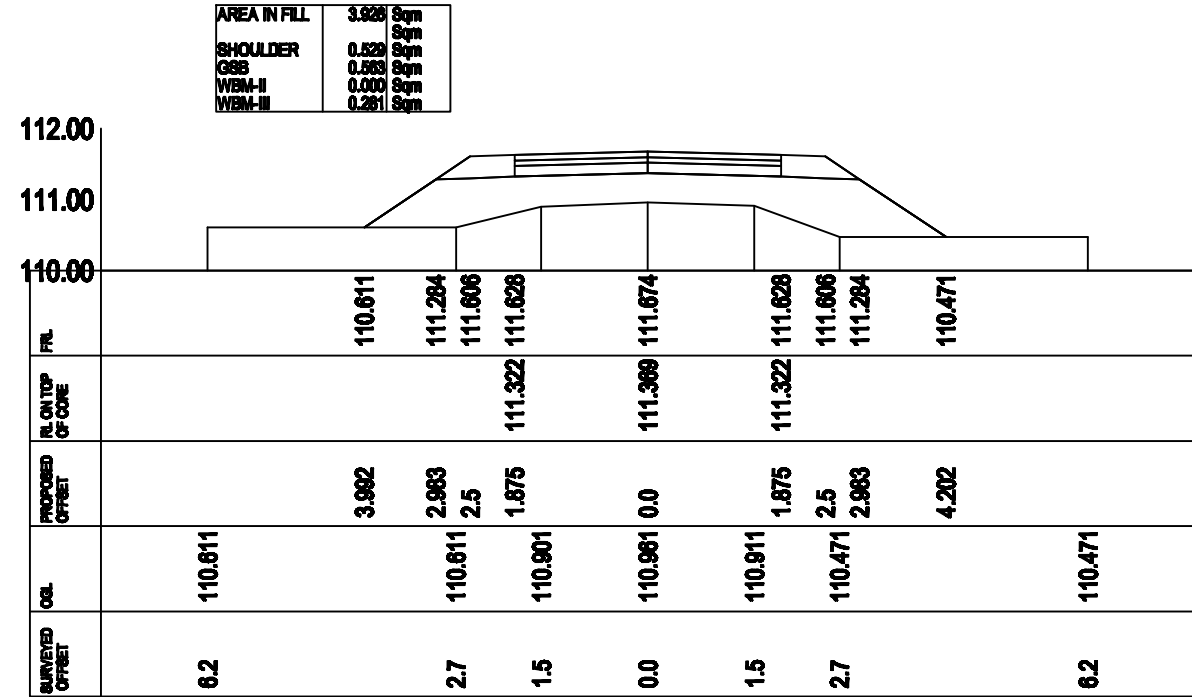
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 Corpmt office Address  
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 KAMRUPOH, ASSAM, PIN-781001  
 email:-basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HABIBABAD, H.D.ROAD,  
 NAGAOH, ASSAM, PIN-781002  
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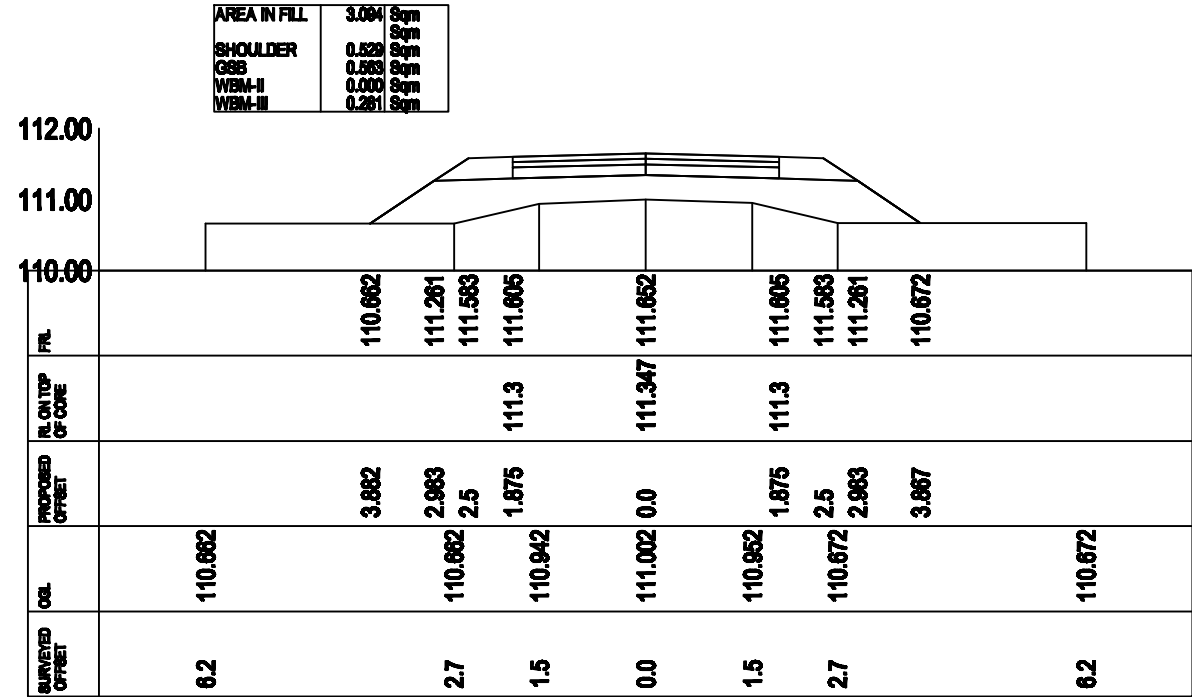
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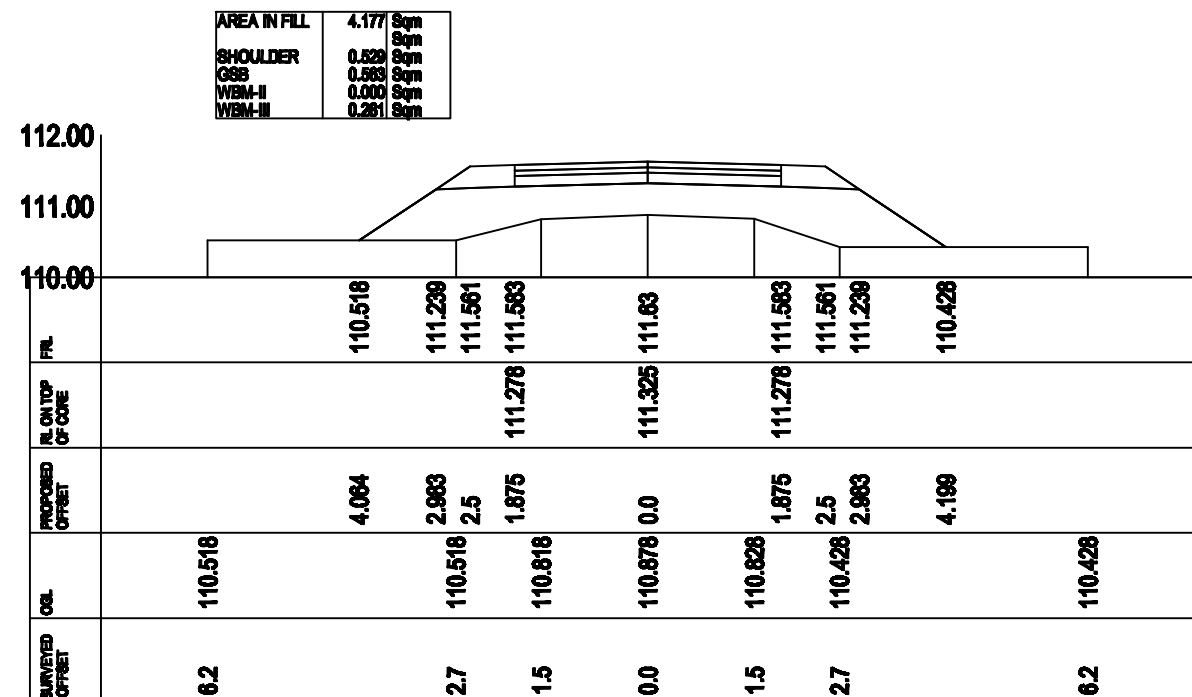
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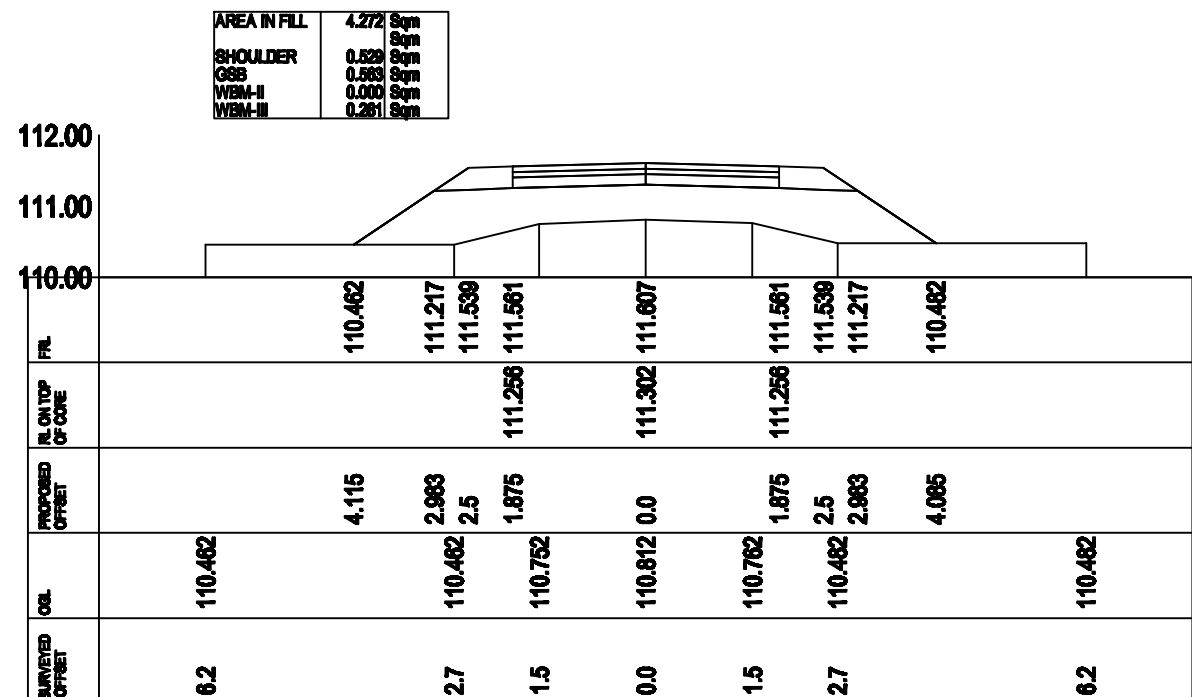
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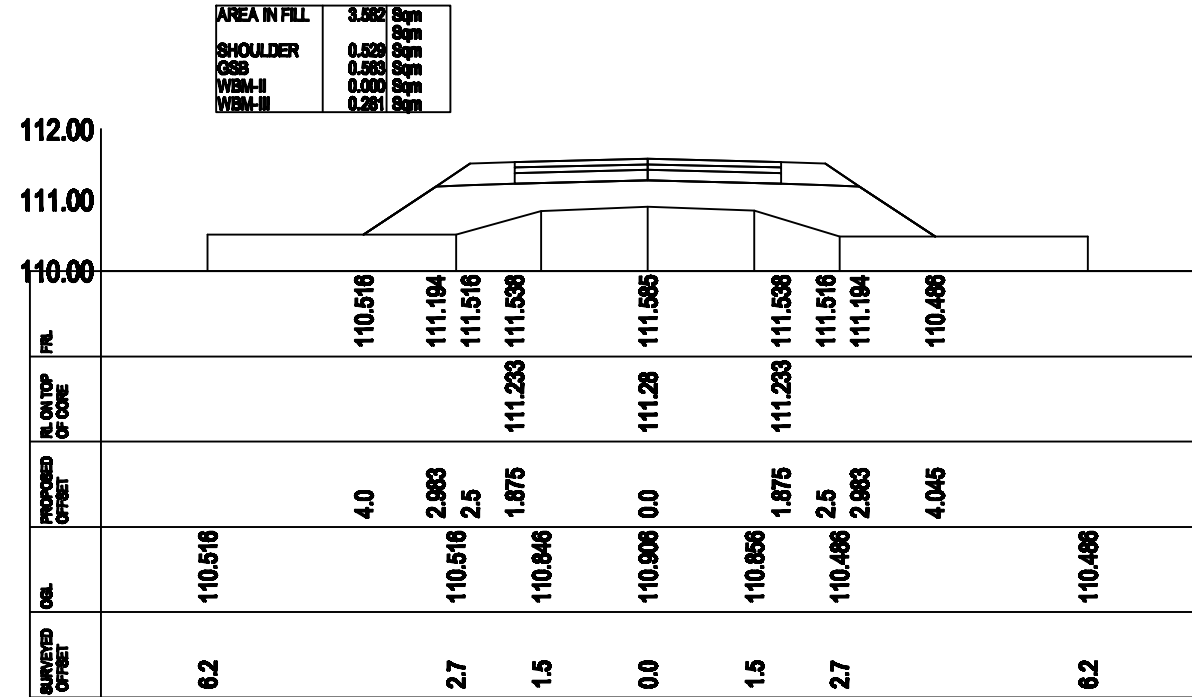
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**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANTS)  
 Corpmt office Address  
 SURVEY, Agara PATH, HOUSE NO-87, GUNAHATI,  
 KAMRUJ PO, ASSAM, PIN-781001  
 email:-basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HABIBNAGH, BLD.ROAD,  
 NABACH, ASSAM, PIN-781001  
 email:-basicconsultant99@gmail.com

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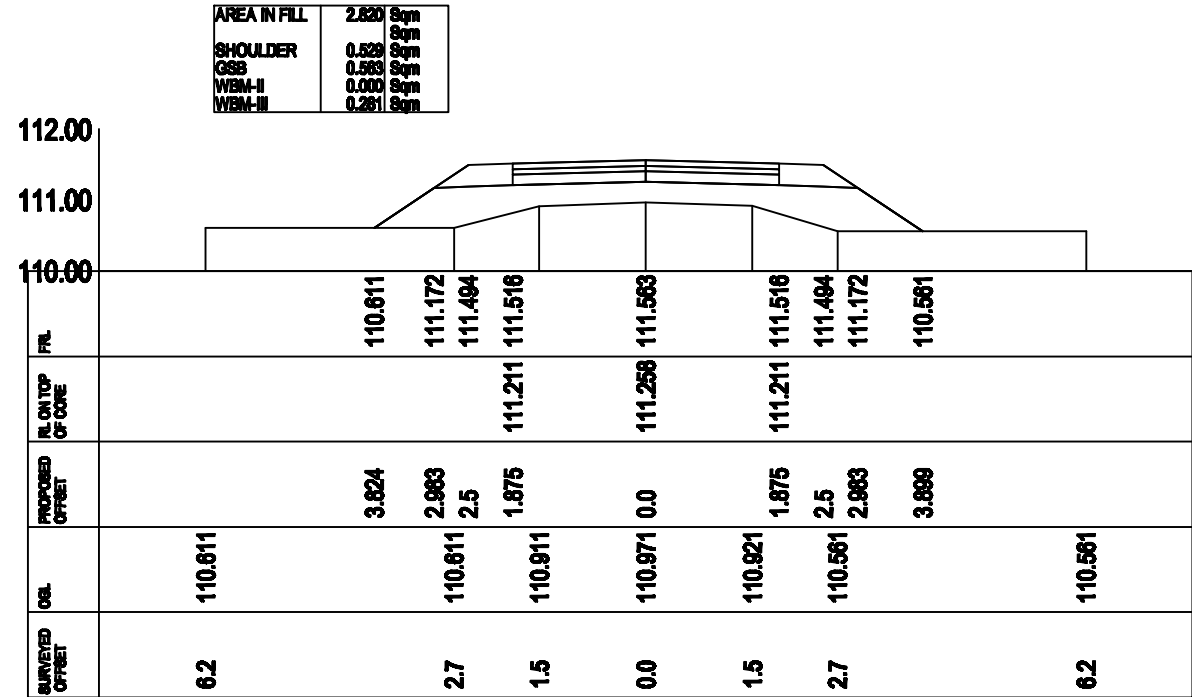
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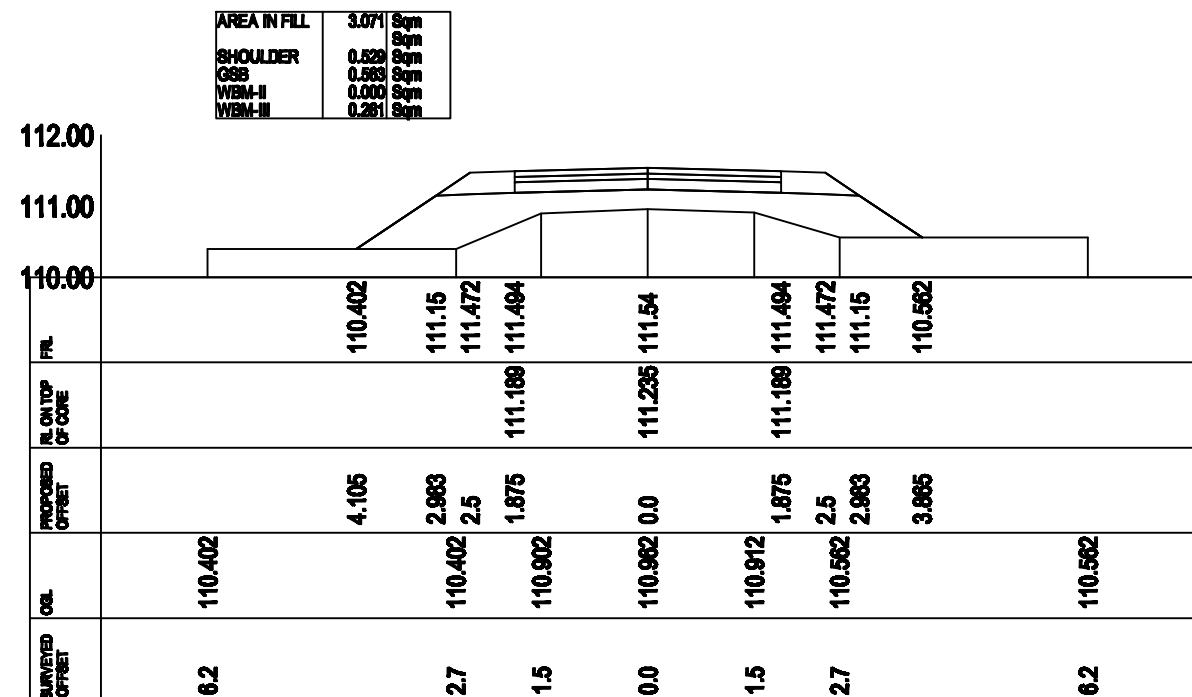
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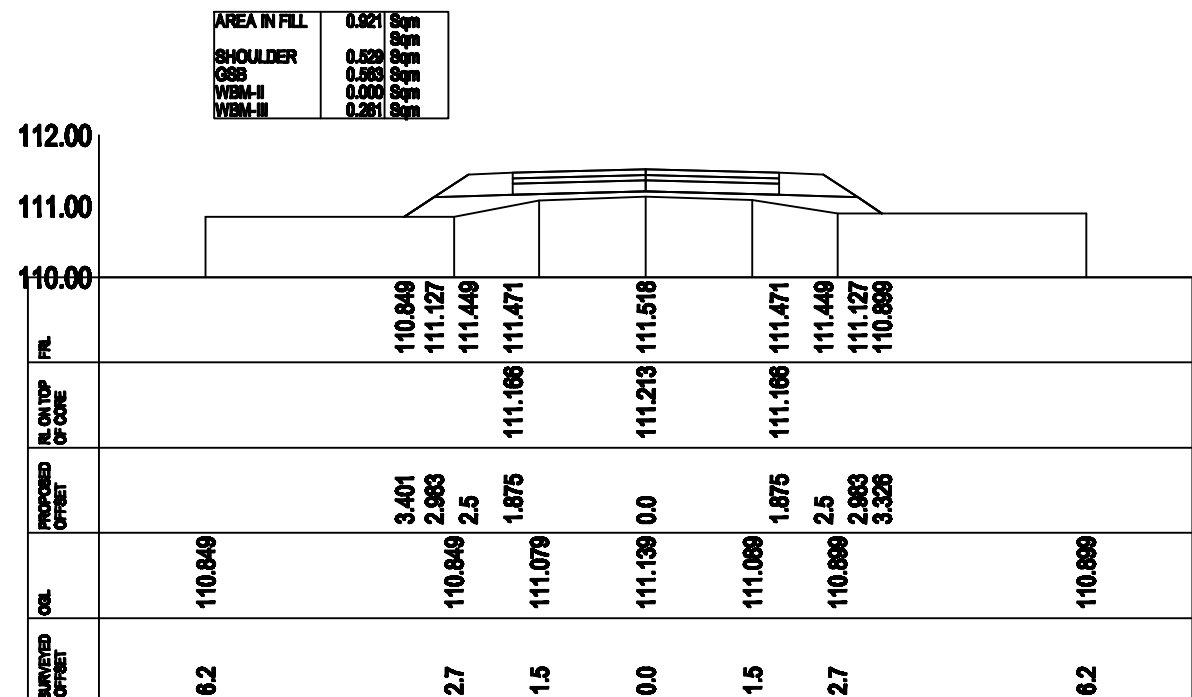
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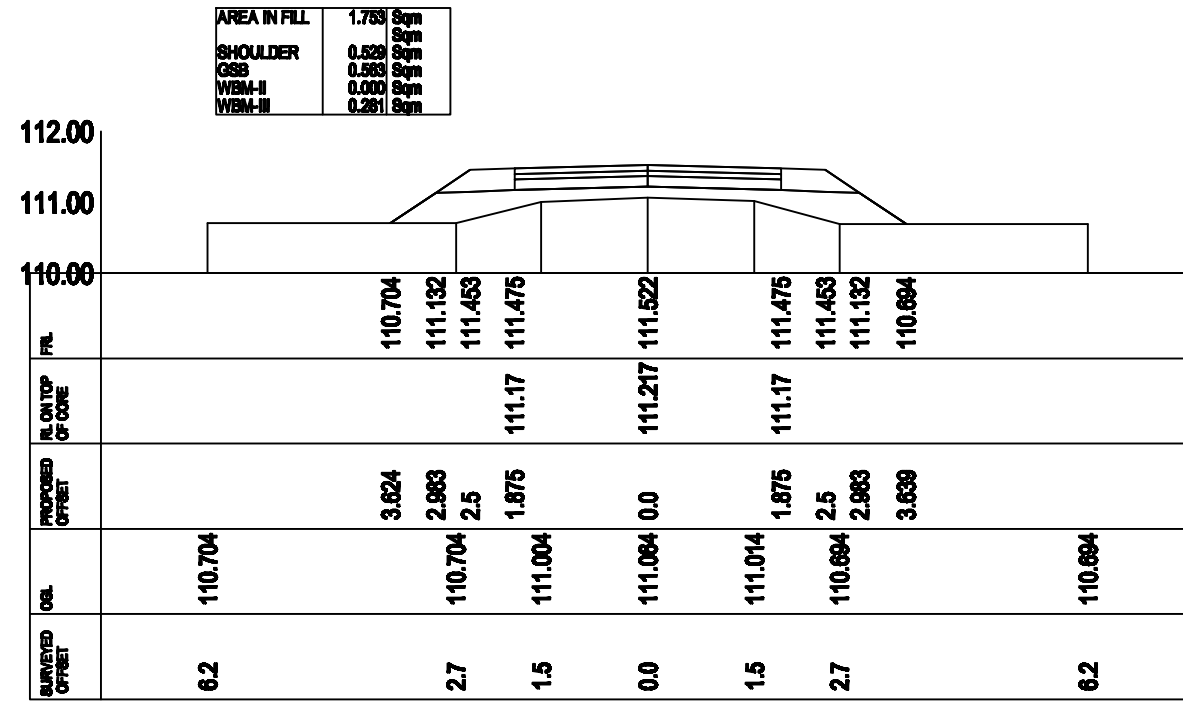
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 (ENGINEERING CONSULTANTS)  
 Corpmt office Address  
 SURVEY, AGRAH PATH, HOUSE NO-87, GUNAHATI,  
 KAMRUPOH, ASSAM, PIN-781001  
 email:-basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HABIBUDDIN, BLDG ROAD,  
 NAGBACH, ASSAM, PIN-781002  
 email:-basicconsultant99@gmail.com

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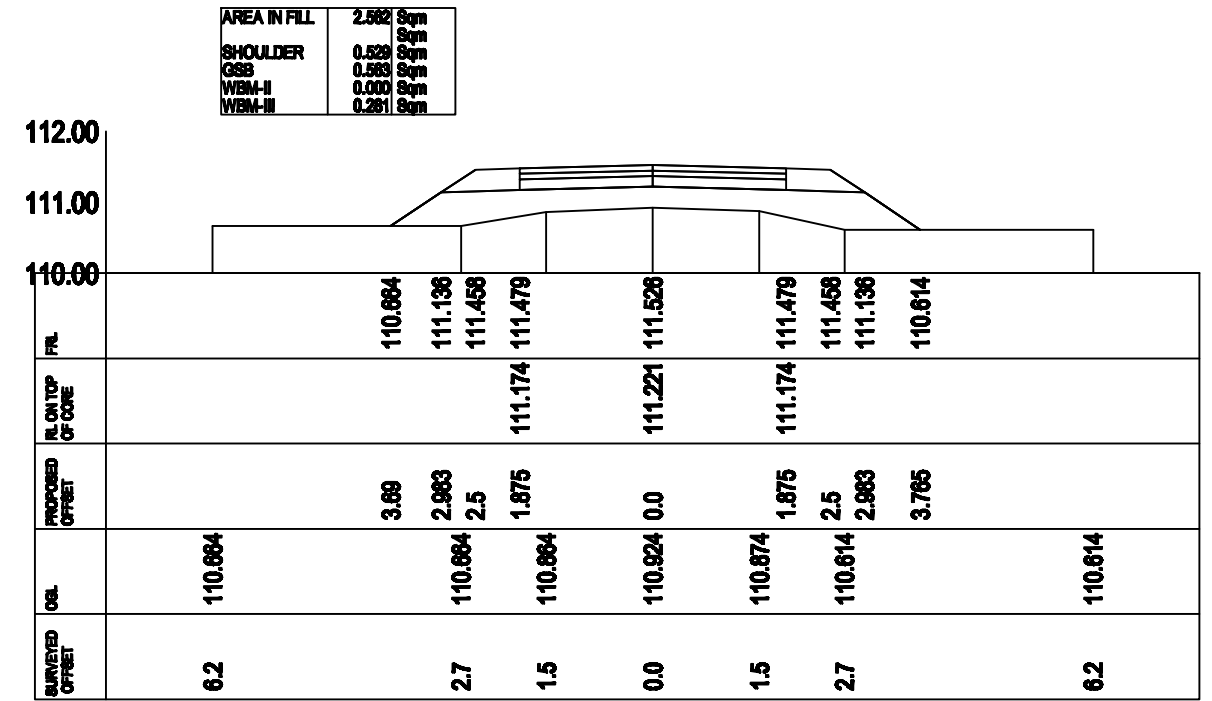
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**DRAWING No. :**  
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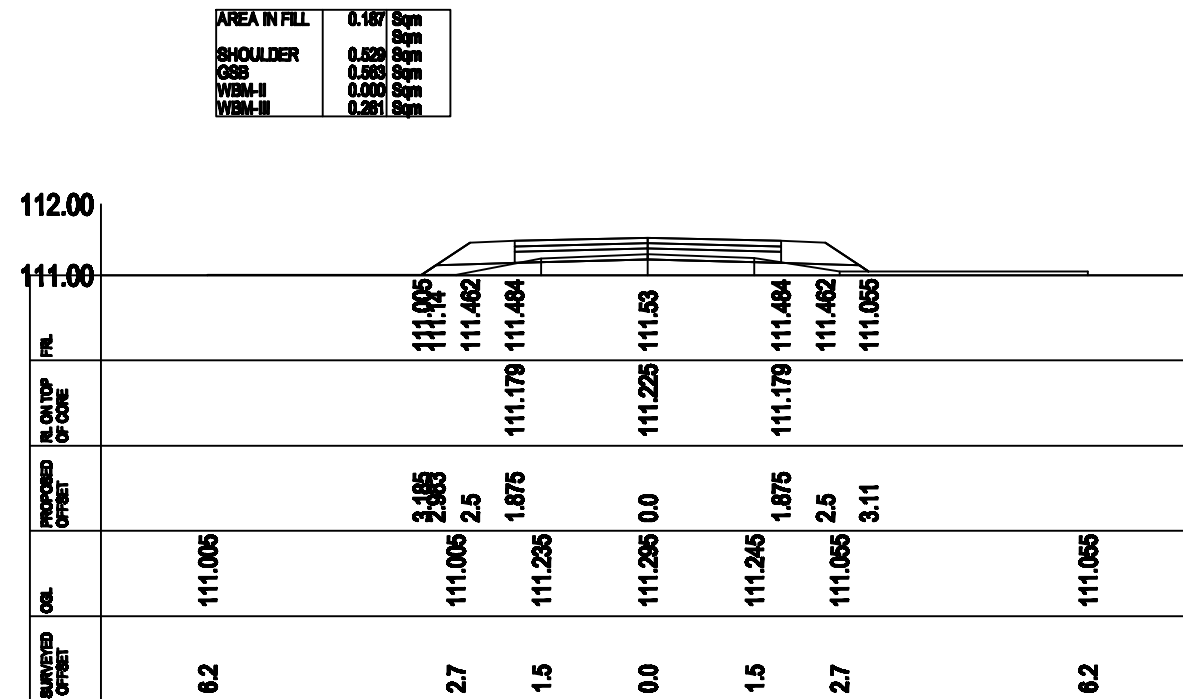
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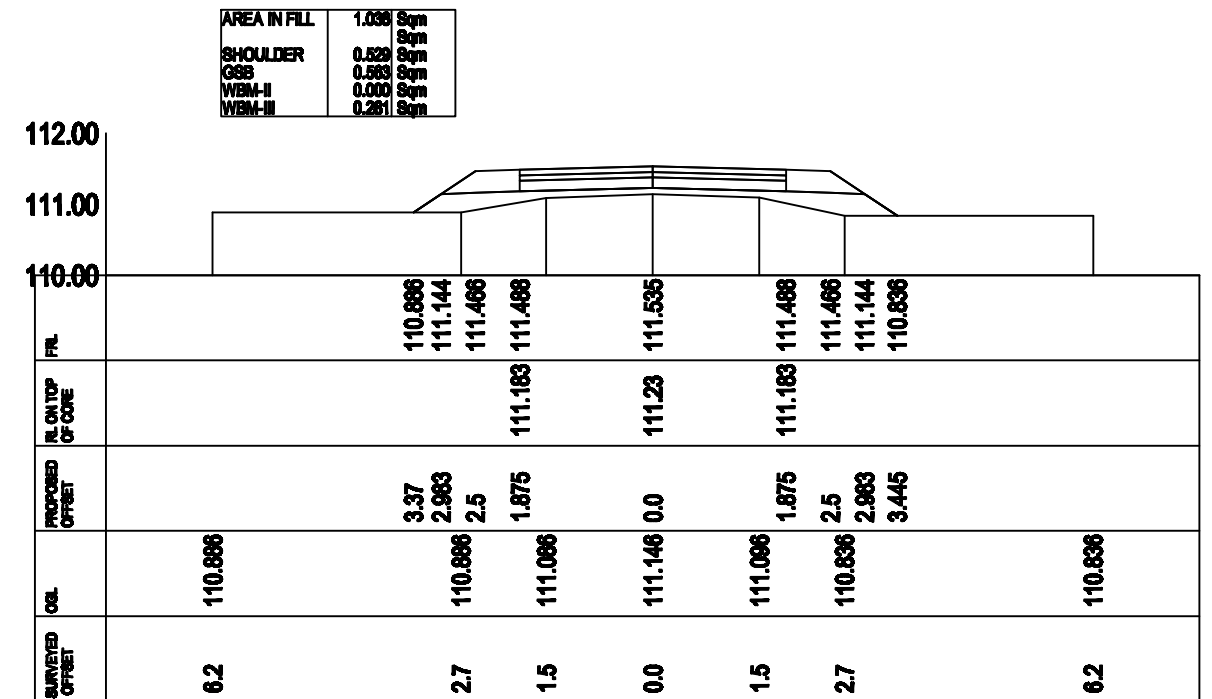
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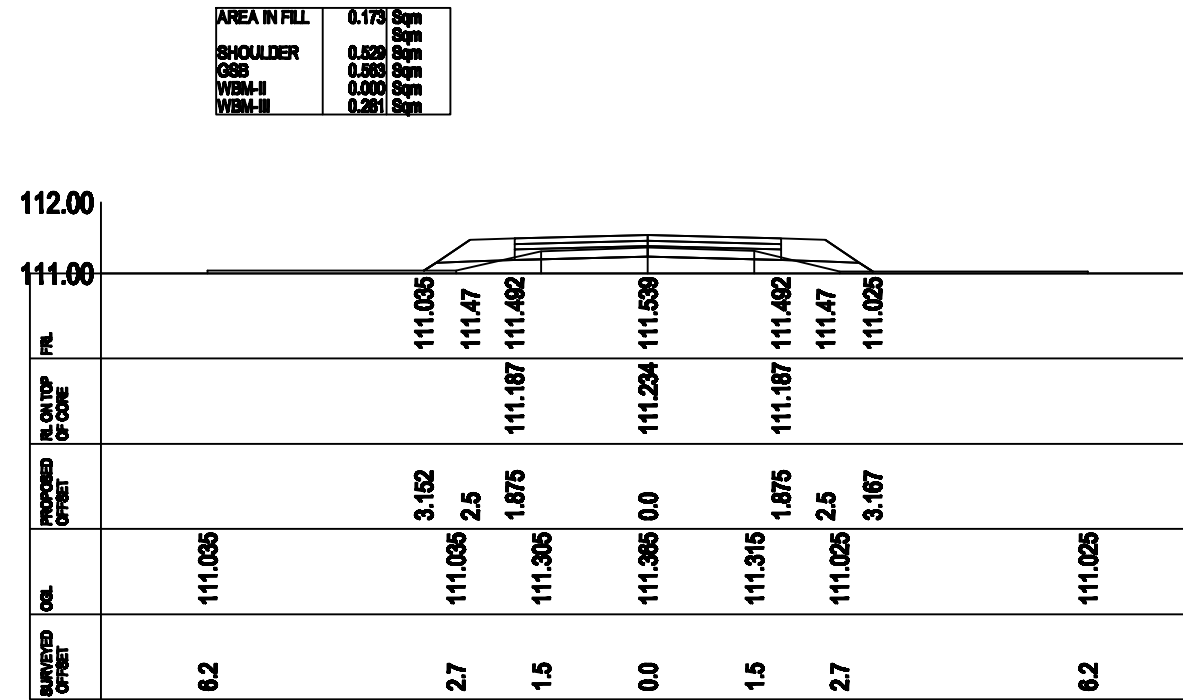
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 Copyright Address  
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 KAMRUPOH, ASSAM, PIN-781001  
 email: basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HABIBUDDIN, BLDG. ROAD,  
 NABACH, ASSAM, PIN-781002  
 email: basicconsultant99@gmail.com

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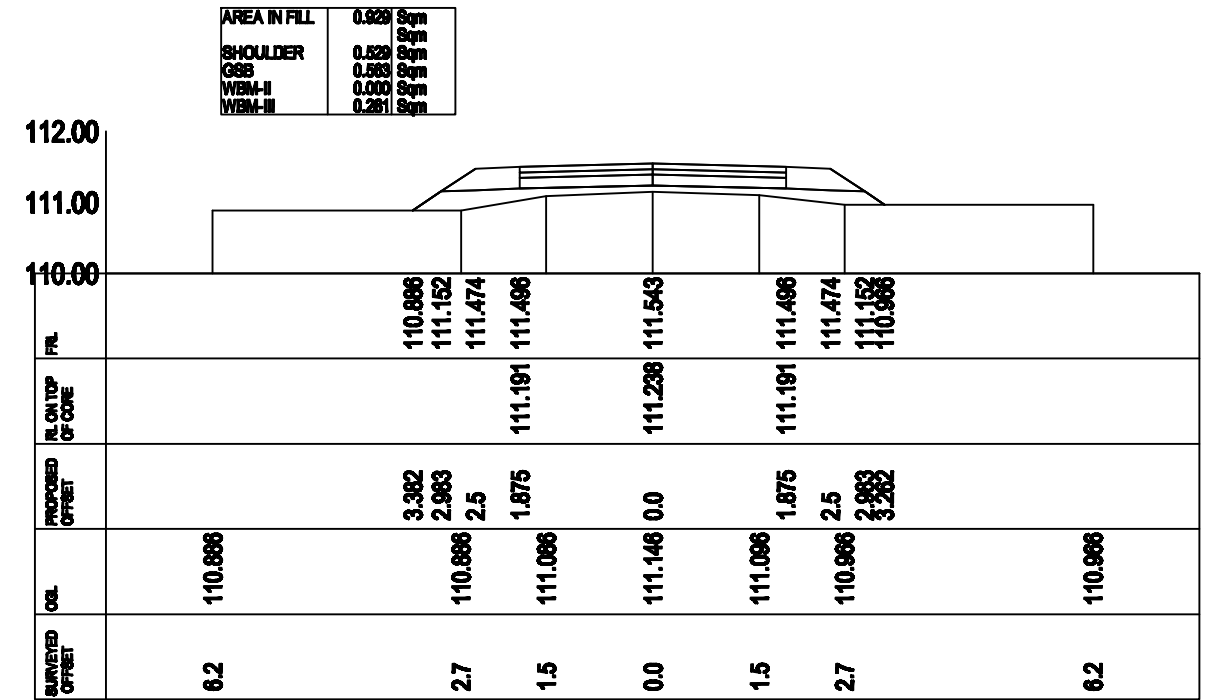
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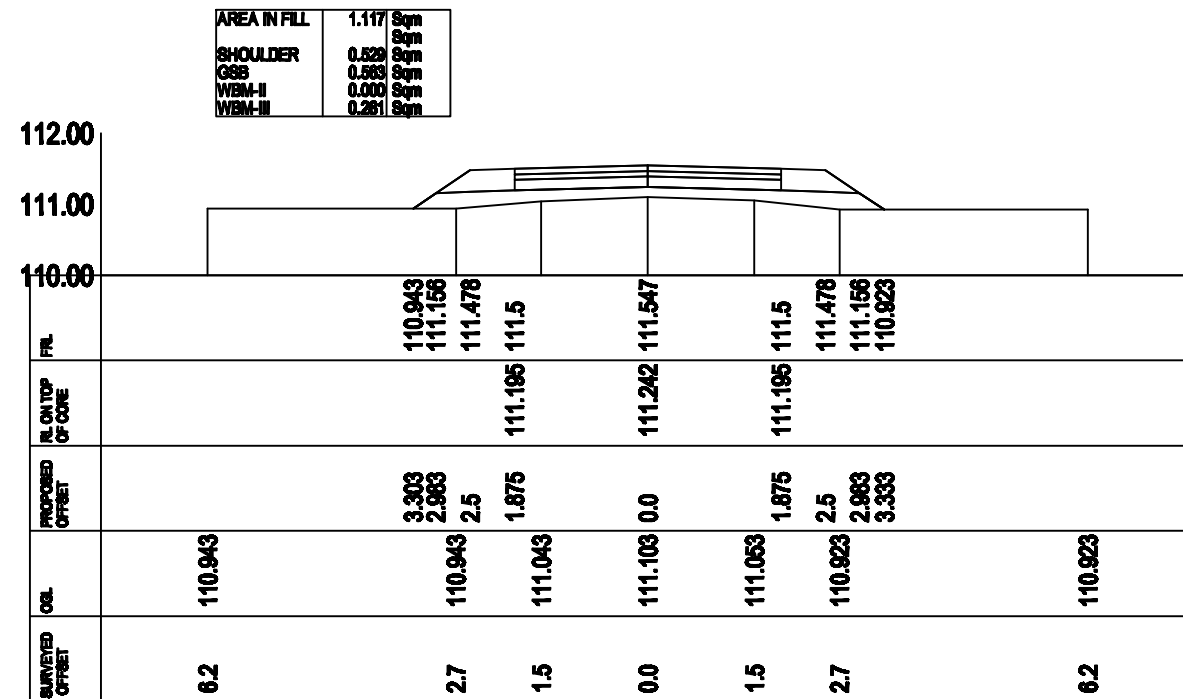
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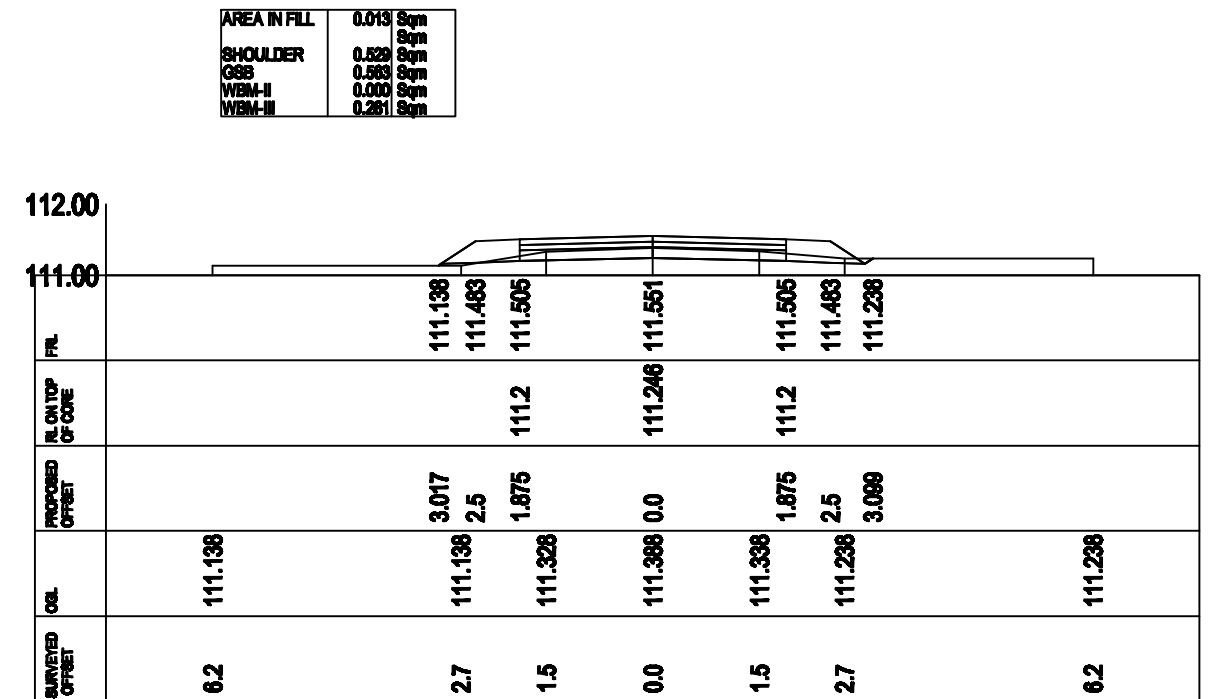
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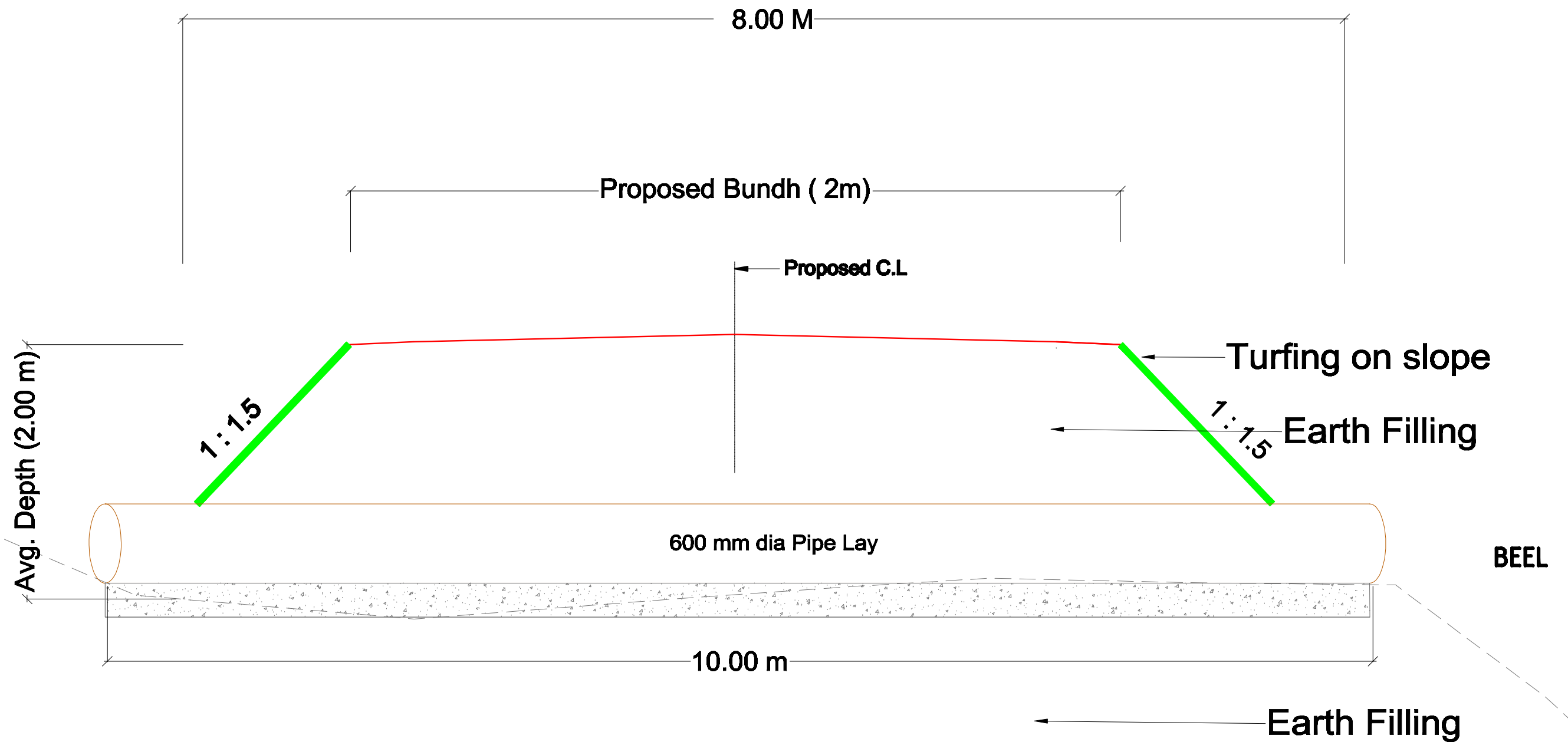
**Prepared by**  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANTS)  
 Corp. office Address  
 SURVEY, Agara PATH, HOUSE NO-87, GUNAHATI,  
 KAMRUPOUR (PO), ASSAM, PIN-781001  
 email: basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HABIBABAD, B.D.ROAD,  
 NABACH, ASSAM, PIN-781001  
 email: basicconsultant99@gmail.com

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**DRAWING :**  
 CROSS SECTION OF APPROACH ROAD

**DRAWING No. :**  
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Typical Cross Section for Bundh (With HP laying)

Prepared by  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corp. Office Address  
 69/17, A. J. PATH, HOUSE NO-47, GUNAWATI,  
 KAMRUJ PO, ASSAM, PIN-781002.  
 email: basicconsultant@gmail.com  
 Regd. Office Address  
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 HADACH, ASSAM, PIN-781002  
 email: basicconsultant@gmail.com

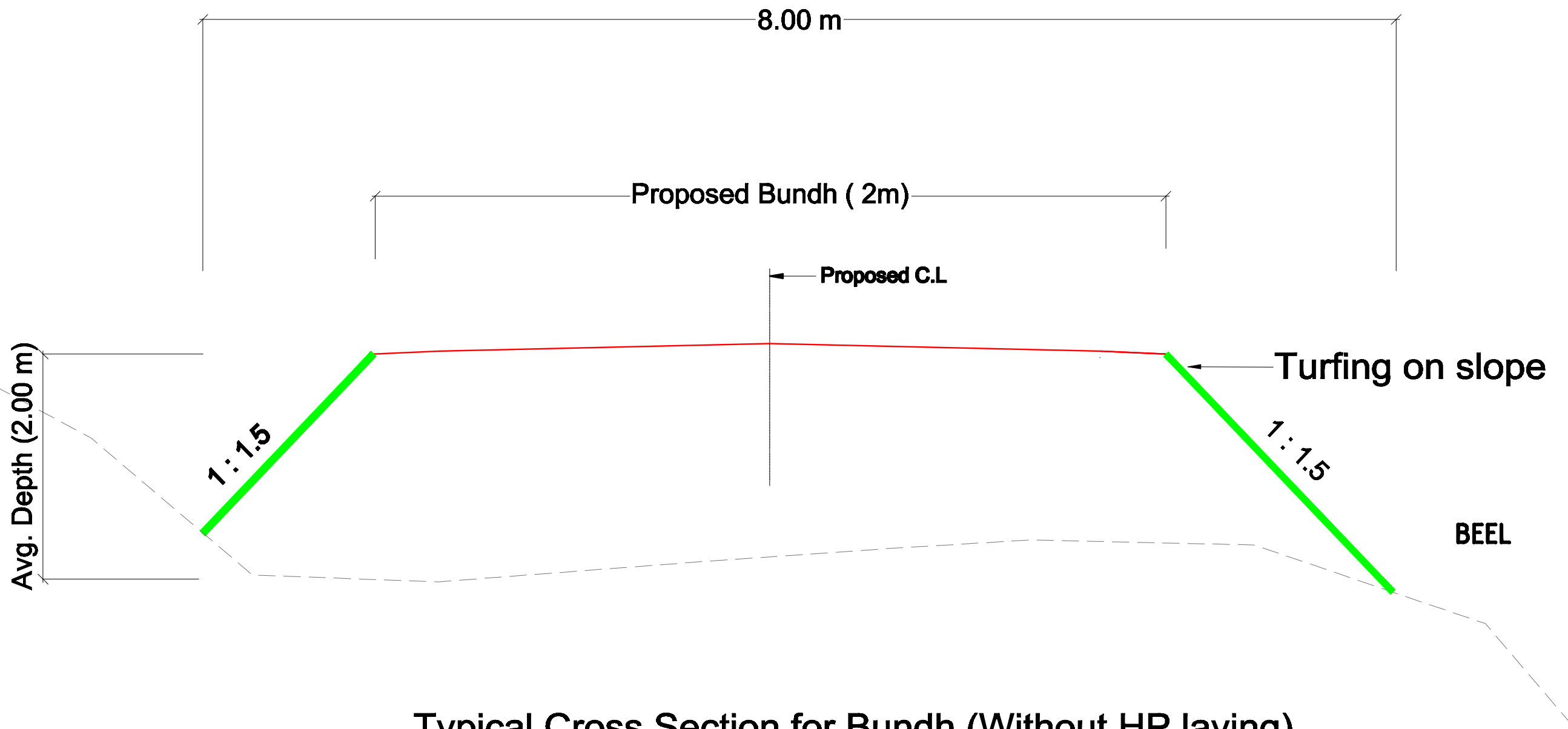
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DRAWING :  
 TYPICAL SECTION OF BUND  
 (With HP Laying)

SCALE :- 1:1000

PACKAGE NO: 8

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Typical Cross Section for Bundh (Without HP laying)

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**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corp. Office Address  
 SURESH, A/101 PATH, HOUSE NO-47, GUNAHATI,  
 KAMRUPOUR P.O., ASSAM, PIN-781022.  
 email:- basicconsultant@yahoo.com  
 Regd. Office Address  
 H. BABARWADI, BLD.ROAD,  
 HADACHON, ASSAM, PIN-781022  
 email:- basicconsultant@yahoo.com

DRAWING NO  
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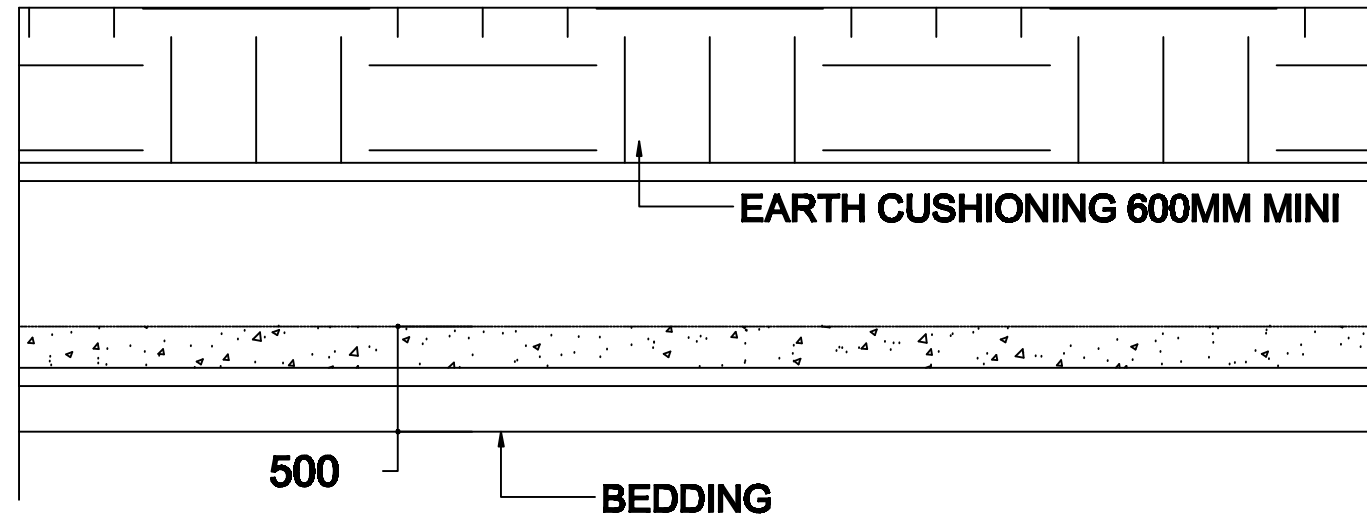
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 (Without HP Laying)**

SCALE :- 1:1000

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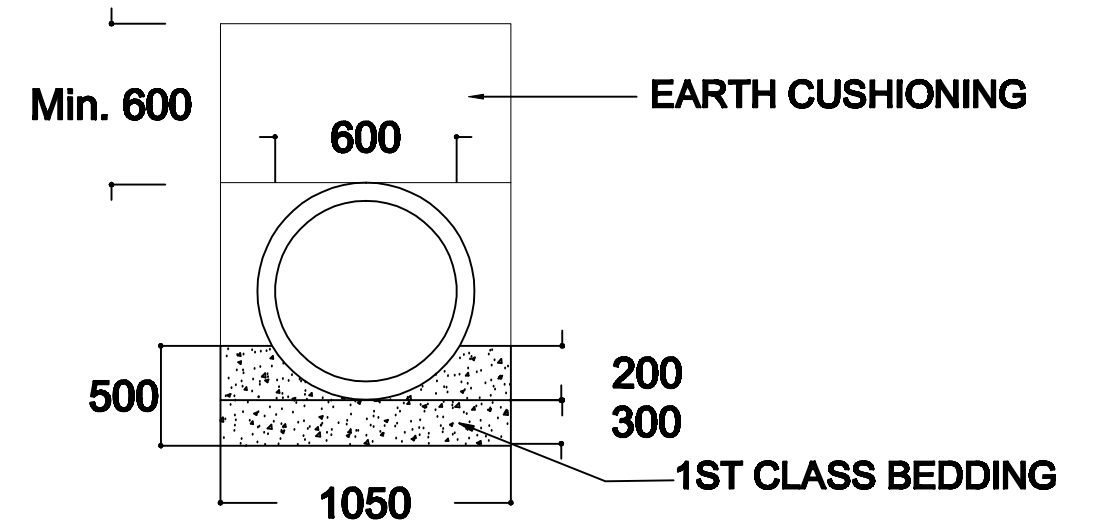
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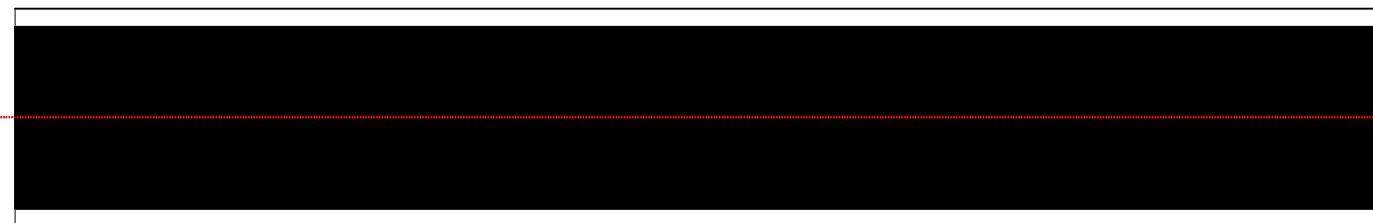


LONGITUDINAL SECTION OF HUME PIPE CULVERT

600



CROSS SECTION OF HUME PIPE CULVERT



PLAN OF HUME PIPE CULVERT

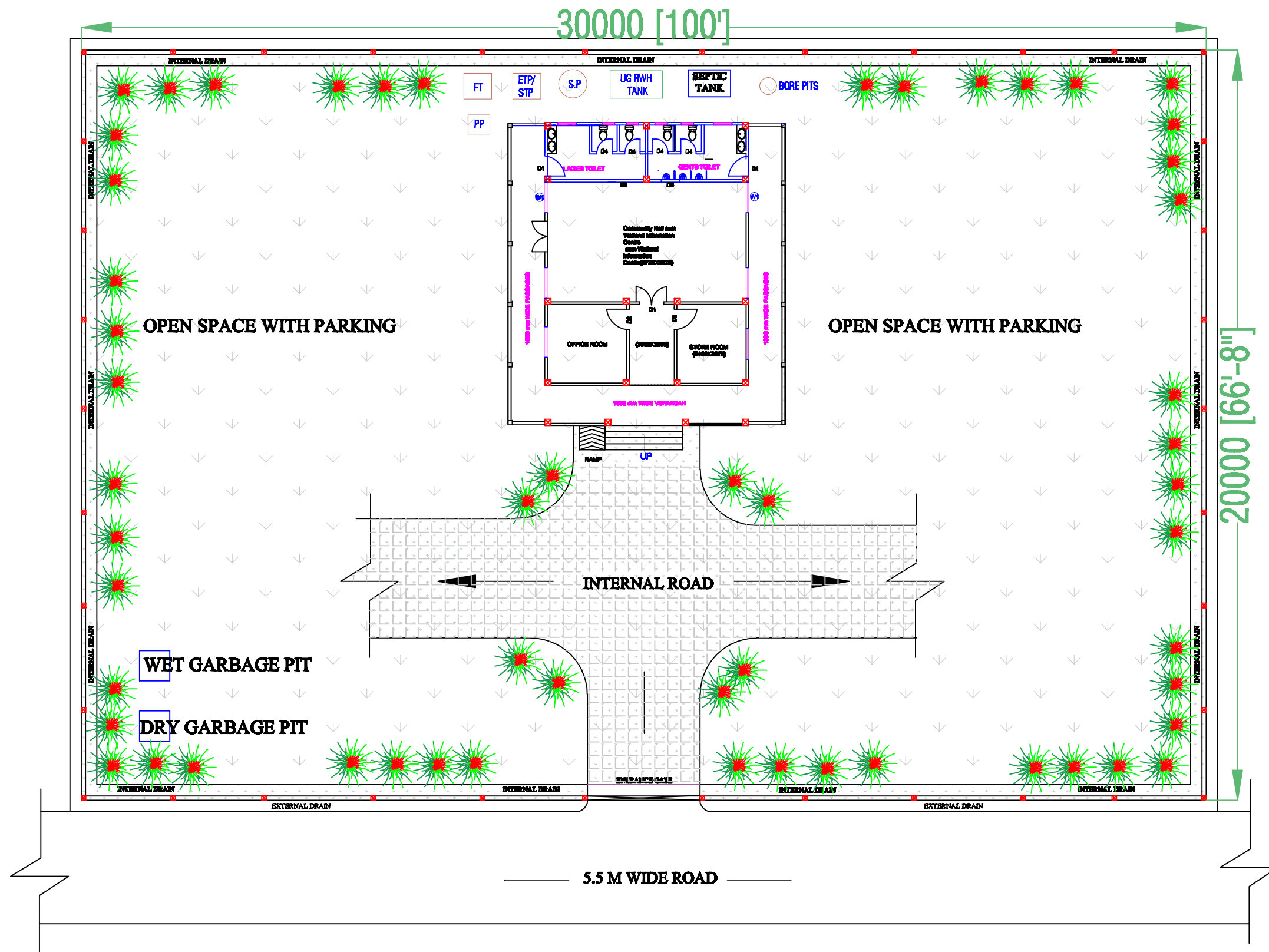
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**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corp. office Address  
 SWIFTY, Ajanta PATH, HOUSE NO-07, GUWAHATI,  
 KAMRUPOI Dist, ASSAM, PIN-781002.  
 email:-basicconsultant@gmail.com  
 Regd. Office Address  
 N. HABARBACH, K.B.ROAD,  
 NABACH,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

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

**DRAWING No. :**  
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**SITE PLAN**

**Prepared by**  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corp. Office Address  
 SURVEY, Abin Path, INDURE NO-07, GUMAMATI,  
 KAMRUPOH (S), ASSAM, PIN-786001.  
 email: basicconsultant@yahoo.com  
 Regd. Office Address  
 N. HANAMUNSON, H.D. ROAD,  
 NARAYAN, ASSAM, PIN-786002  
 email: basicconsultant@yahoo.com

**DRAWING :**  
 SITE PLAN

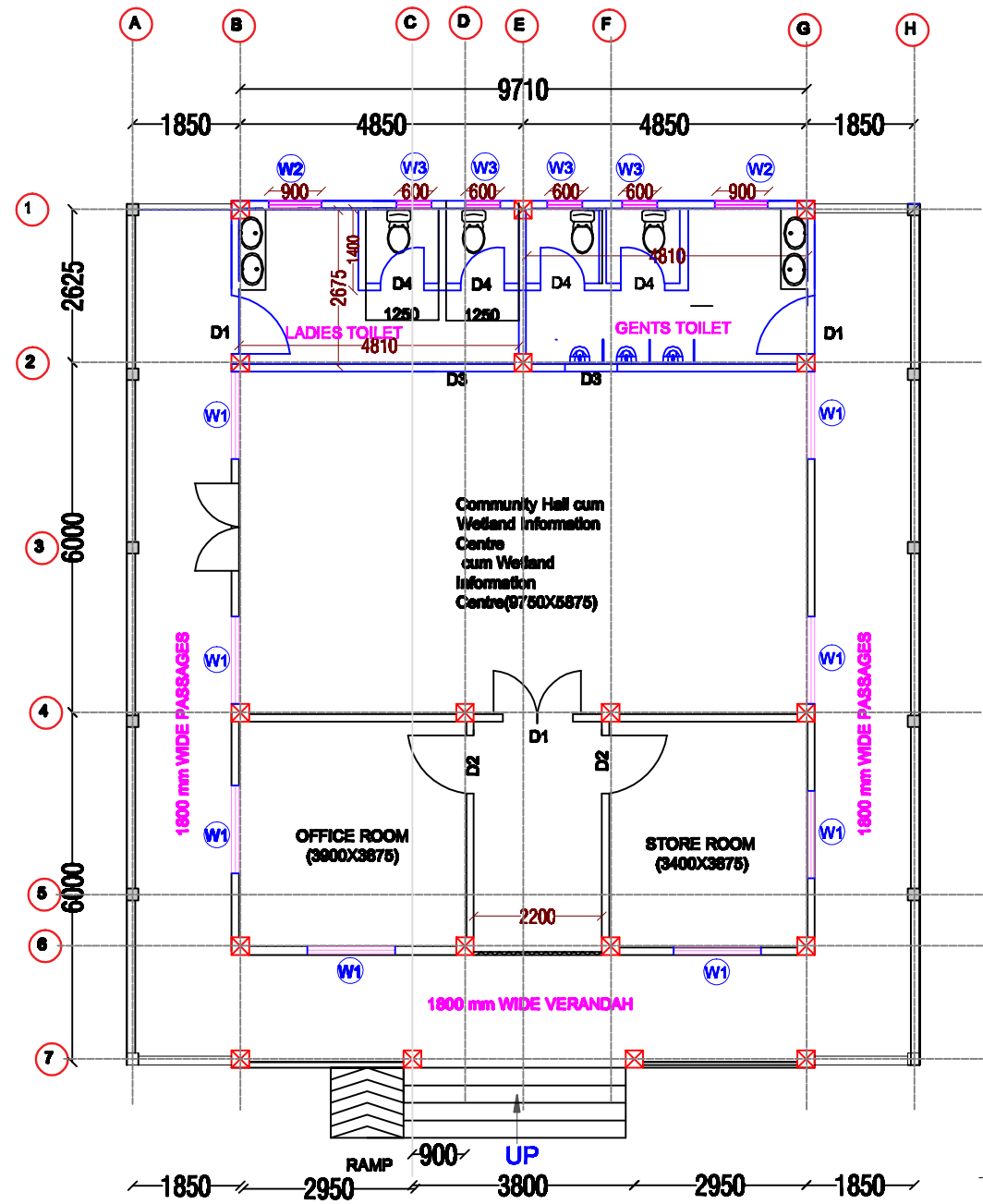
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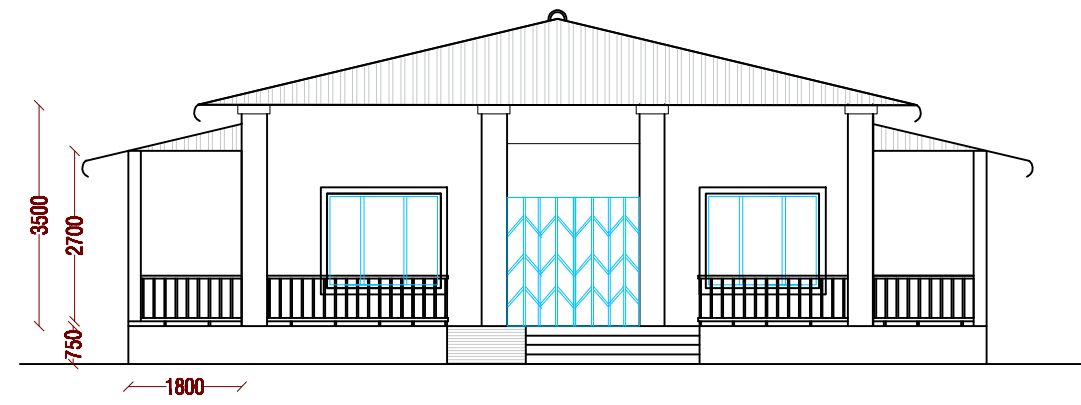
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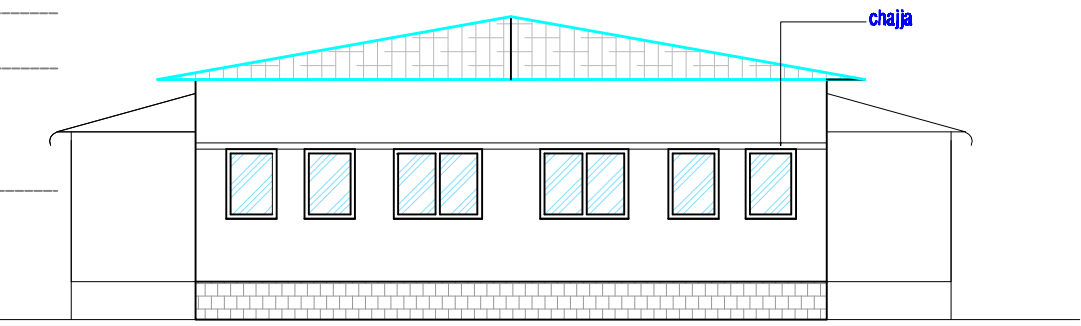
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**Agricultural Service Society**



**FLOOR PLAN**



**FRONT ELEVATION**



**BACK VIEW**

**Prepared by**  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Carpet office Address  
 SURVEY, Agaria PHATA, HOUSE NO-47, GURAMATI,  
 KAMRUP (M), ASSAM, PIN-781005.  
 email:-basicconsultant@yahoo.com  
 Regd. Office Address  
 N. RAMANBACH, B.D.ROAD,  
 NAGARJ, ASSAM, PIN-781005  
 email:-basicconsultant@yahoo.com

**DRAWING :**  
 PLAN & ELEVATION

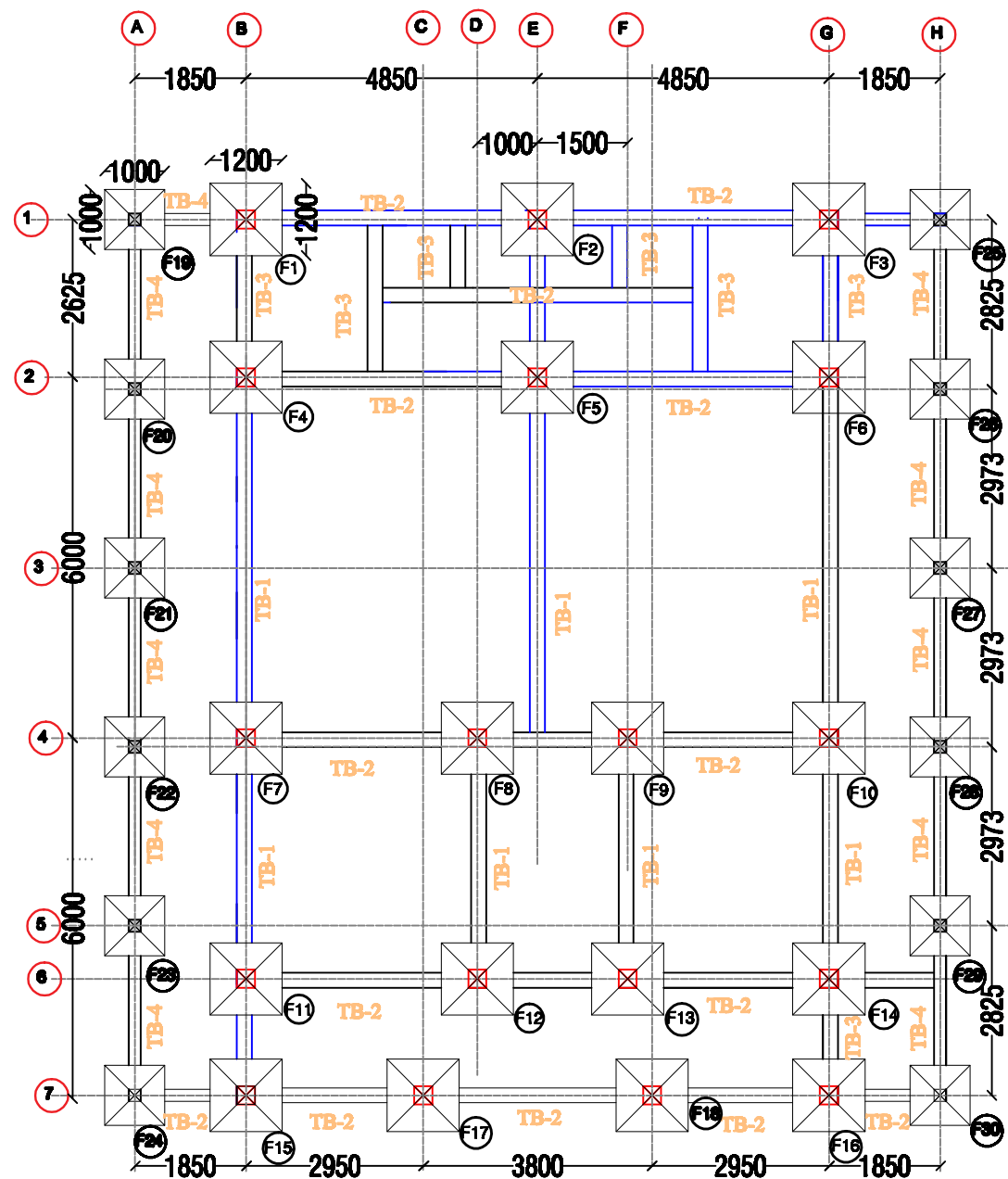
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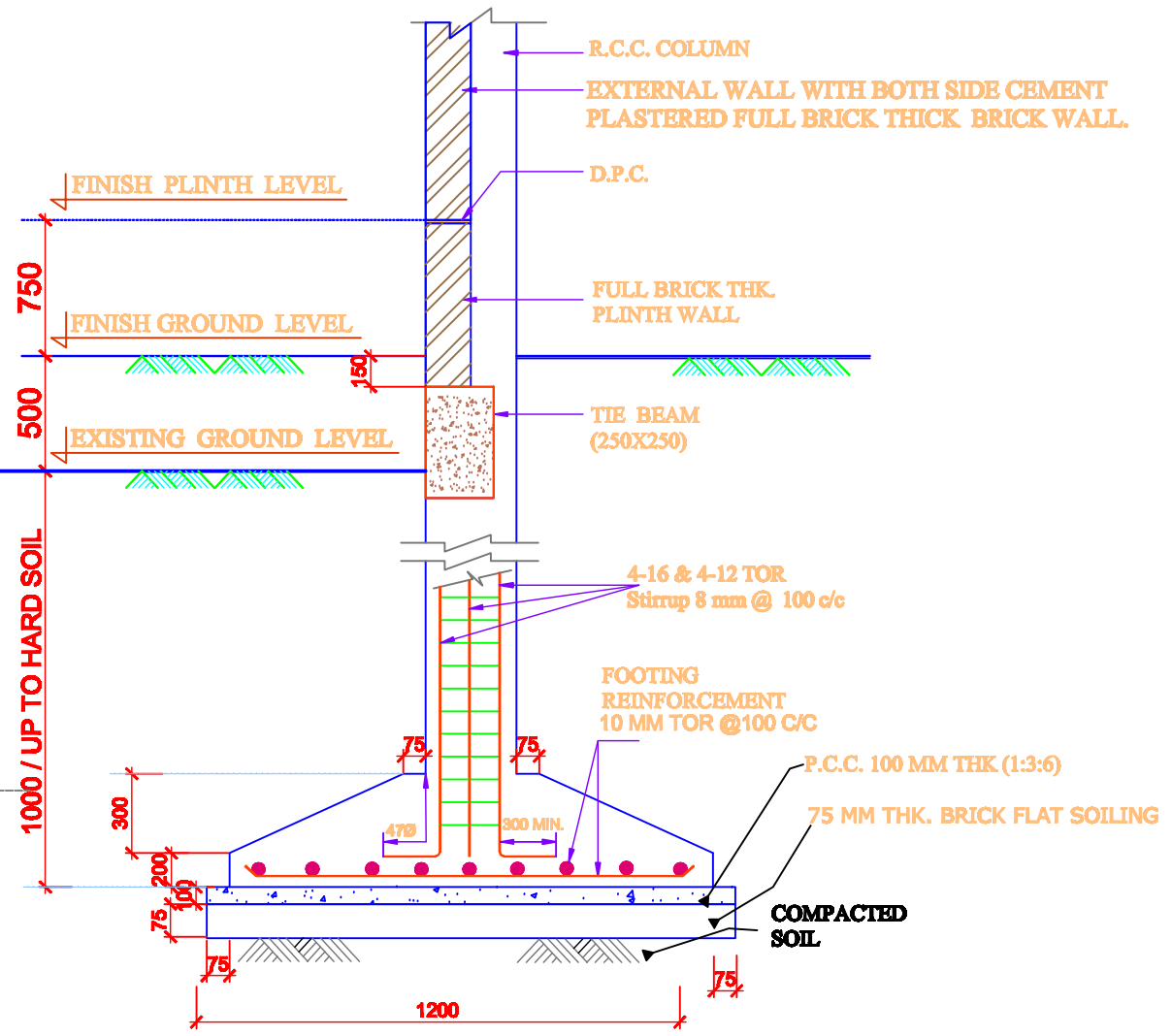
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**LAYOUT OF FOOTING & PLINTH BEAM**



**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 (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, GOHNAHAT,  
 KAMRUPO (SI), ASSAM, PIN-781222.  
 email: basicconsultant@gmail.com  
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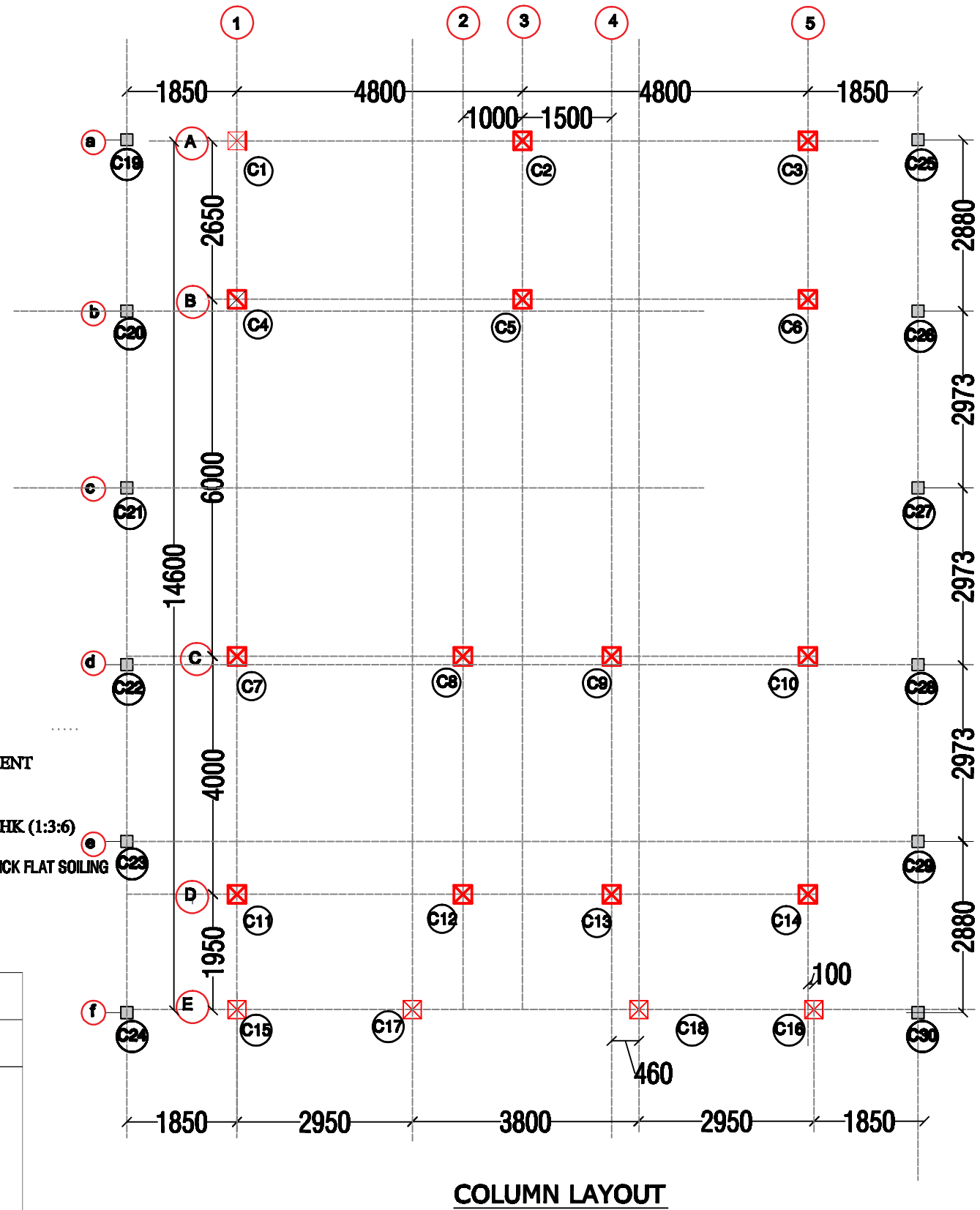
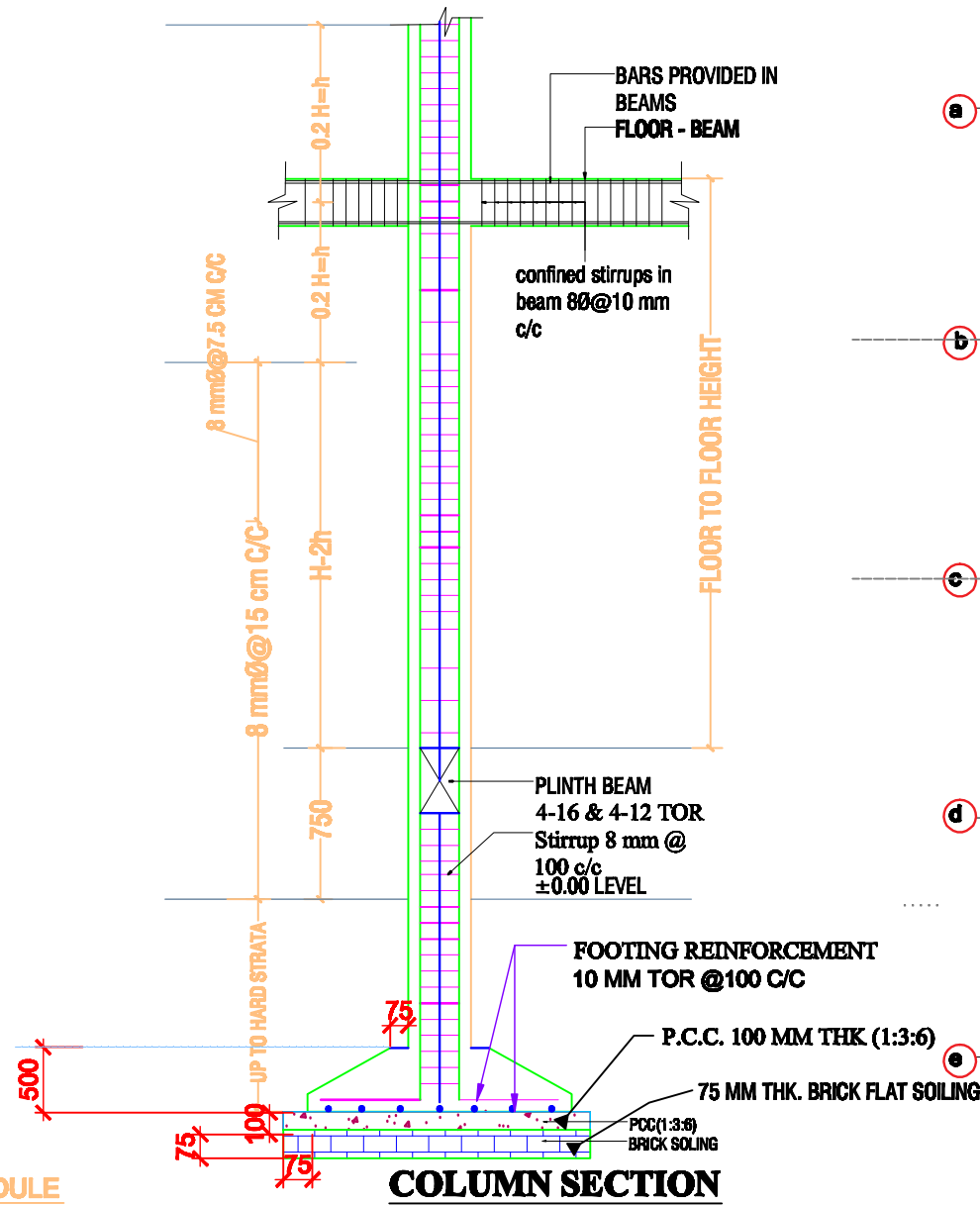
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**LAYOUT OF FOOTING & PLINTH BEAM**  
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**COLUMN SECTION**  
**NOTE : FLOOR LEVELS AS PER ARCH. DRAWING**



**COLUMN SCHEDULE**

		TYPE A				
		COLUMN SIZE	COLUMN TYPE	SPECIFICATION	BAR SIZE	TIES
GROUND TO RIDGE COLUMN DETAIL	ARRANGE MENT OF LINKS	300X300	 4-16φ + 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: basicconsultanteng@gmail.com  
 Regd. Office Address  
 H. BARBARACHA, HILROAD,  
 HABAON, ASSAM, PIN-782002  
 email: basicconsultant20@gmail.com

**DRAWING :**  
 LAYOUT OF COLUMN

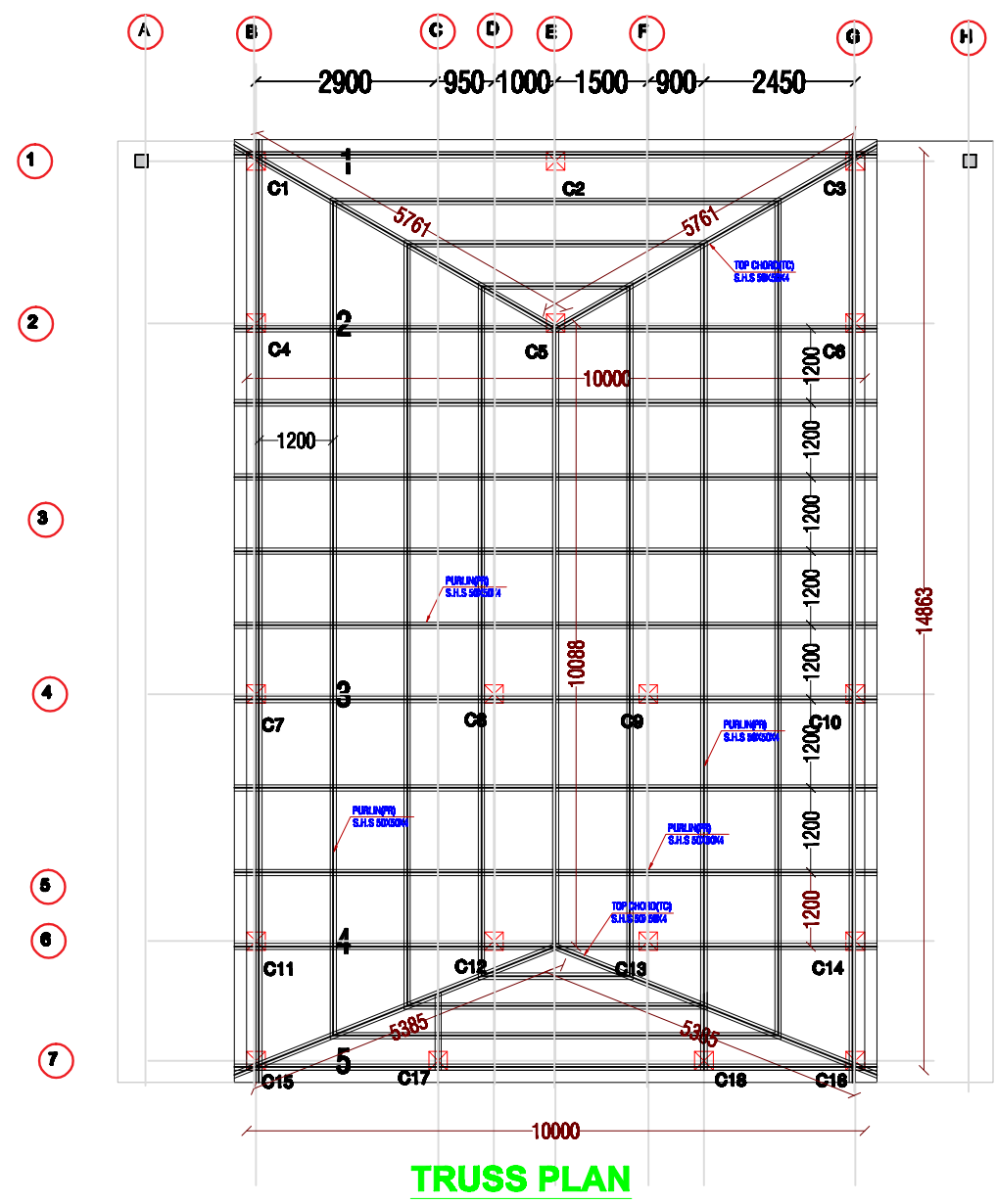
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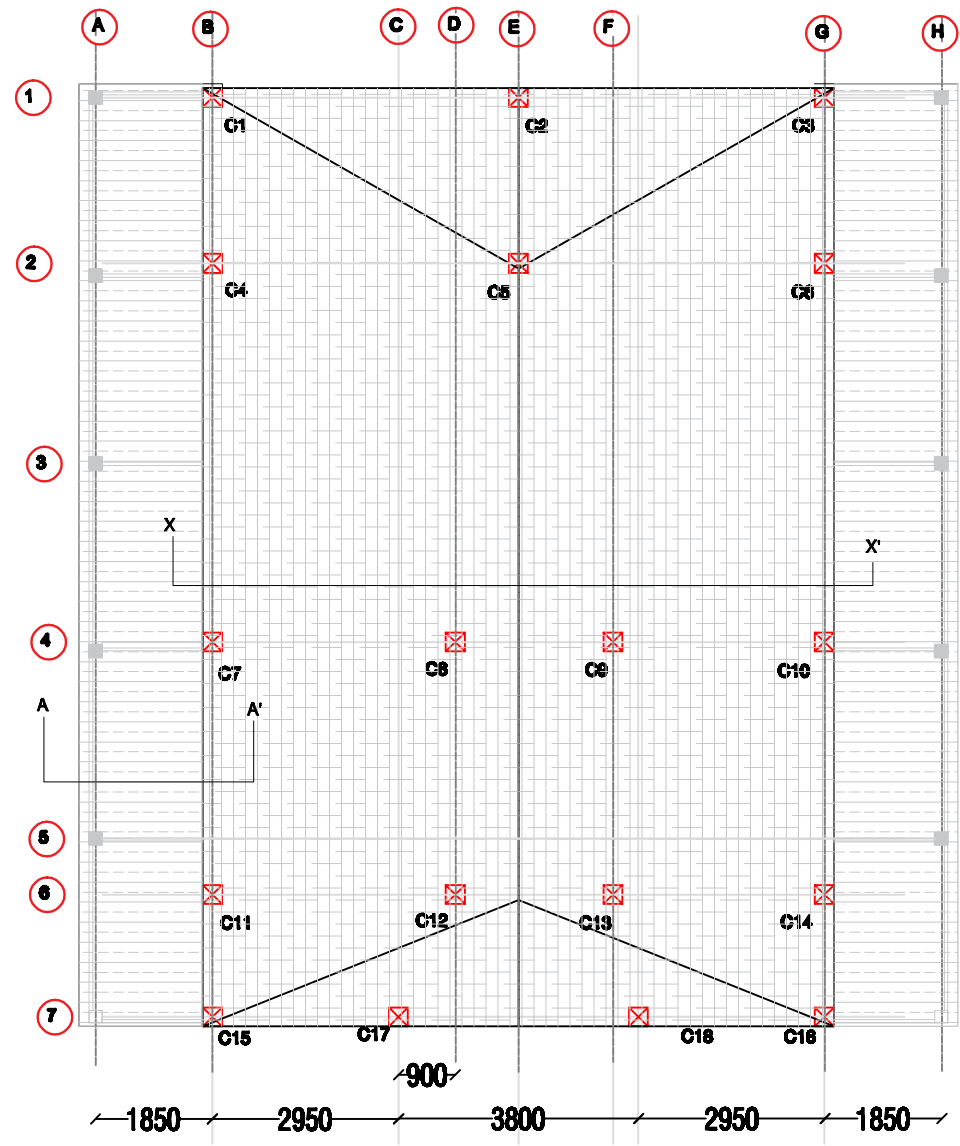
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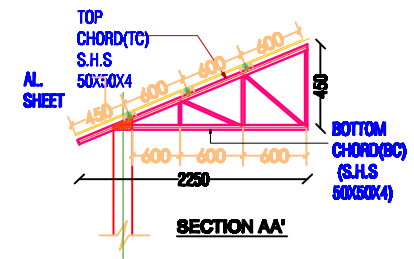
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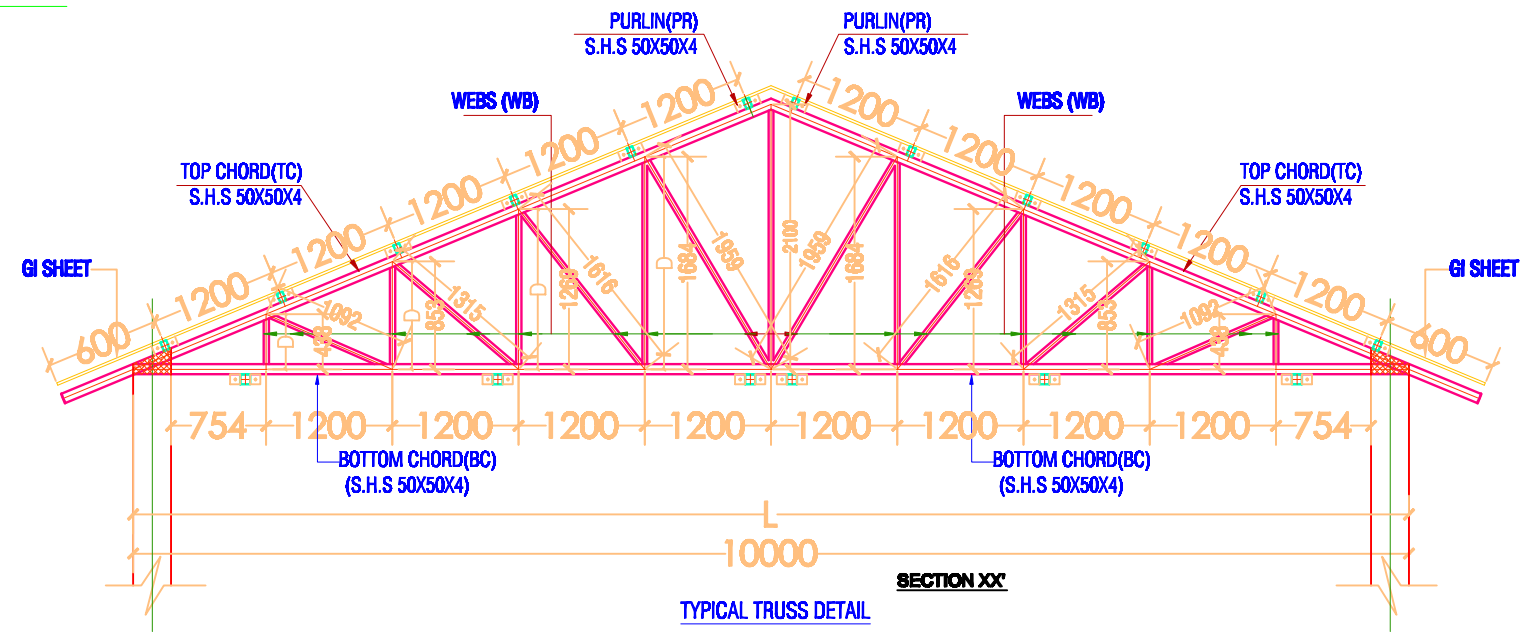
**TRUSS PLAN**



**ROOF PLAN**



**SECTION AA'**



**TYPICAL TRUSS DETAIL**

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**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANTS)  
 Corp. office Address  
 BORDOI, Algaia PATH, HOUSE NO-07, GURAMATI,  
 KAMRUPOH, ASSAM, PIN-781002.  
 email:-basicconsultant@gmail.com  
 Regd. Office Address  
 N. BANARJAN, B.D. ROAD,  
 HANAGH, ASSAM, PIN-781002  
 email:-basicconsultant@gmail.com

**DRAWING :**  
 LAYOUT & DETAILS OF TRUSS

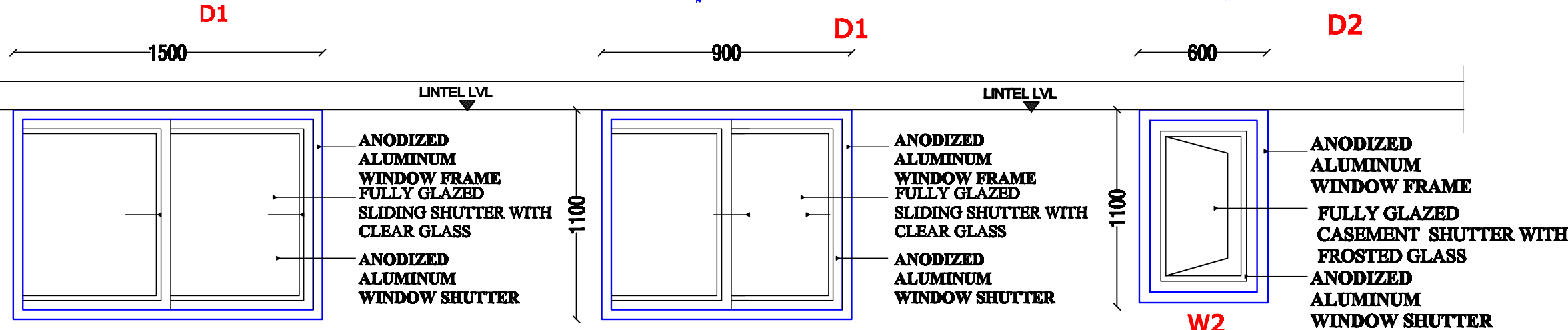
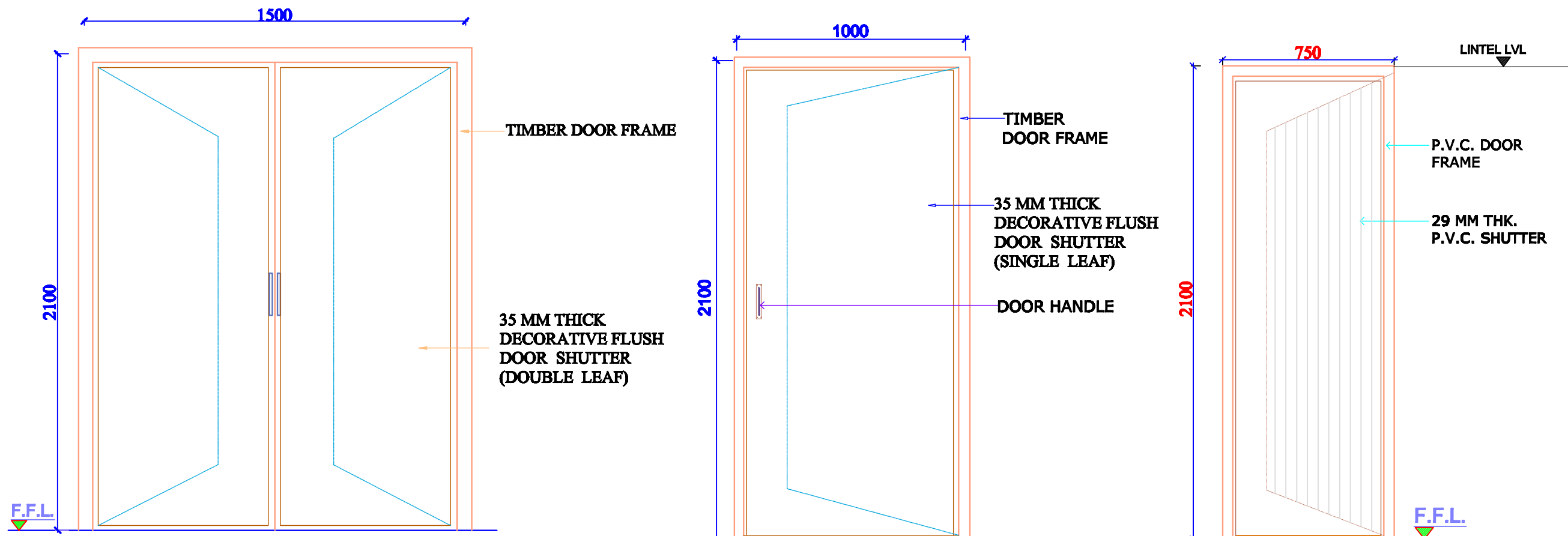
PROJECT TITLE:  
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

**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	1800x2100	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		

**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. HANBIRBAGH, N.B. ROAD,  
 NAGACH, ASSAM, PIN-782002  
 email- basicconsultant@yahoo.com

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

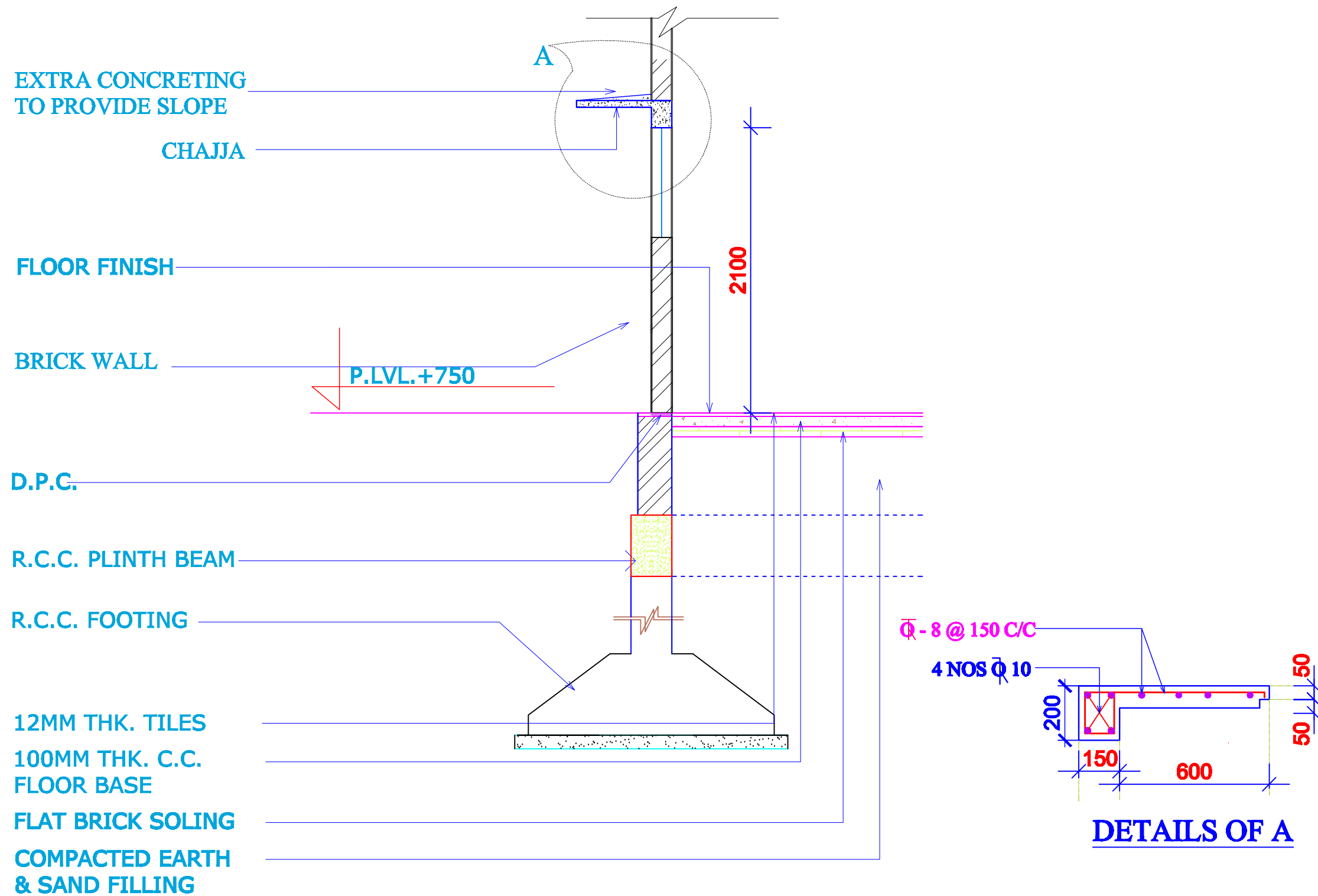
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 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

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

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



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

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

**DRAWING :**  
**CHAJJA DETAILS**

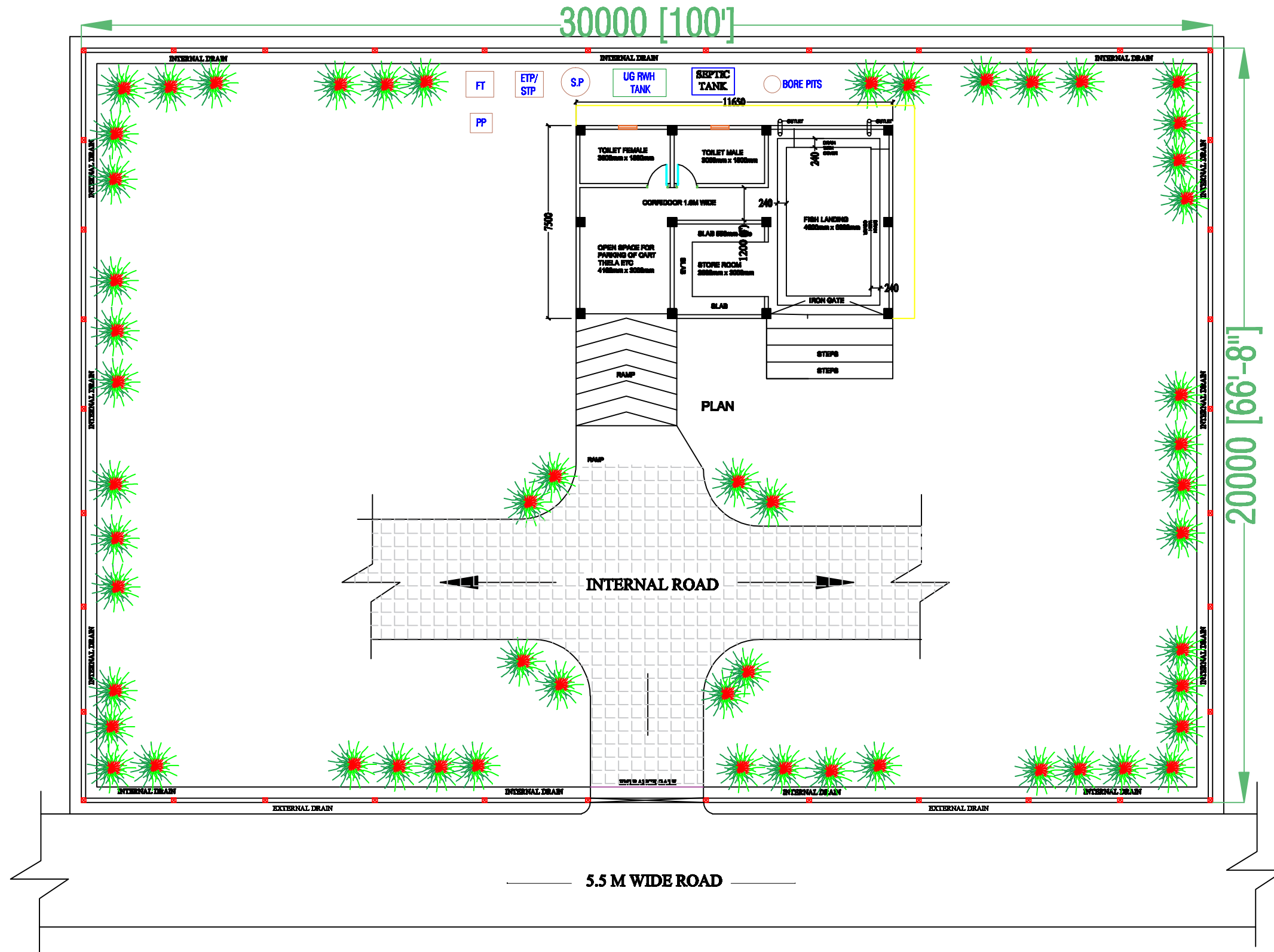
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Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

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

NOT TO SCALE

**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. RAMANBACH, B.D.ROAD,  
 NAGAOH, ASSAM, PIN-781005  
 email:-basicconsultant09@gmail.com

**DRAWING :**  
 SITE PLAN

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

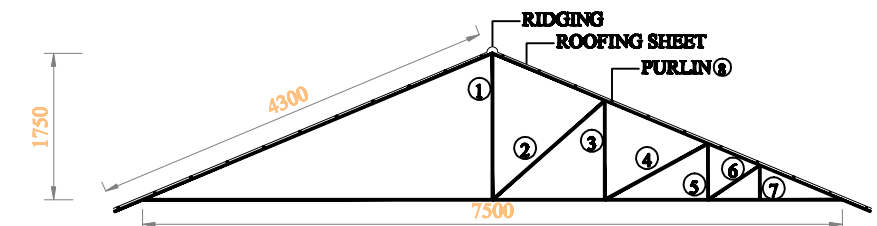
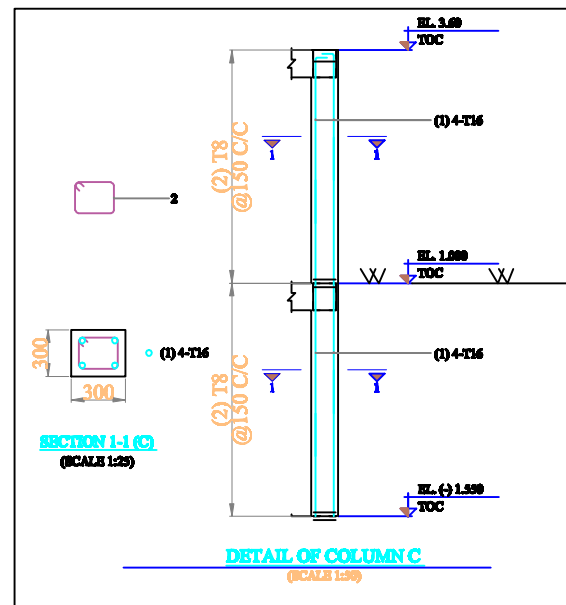
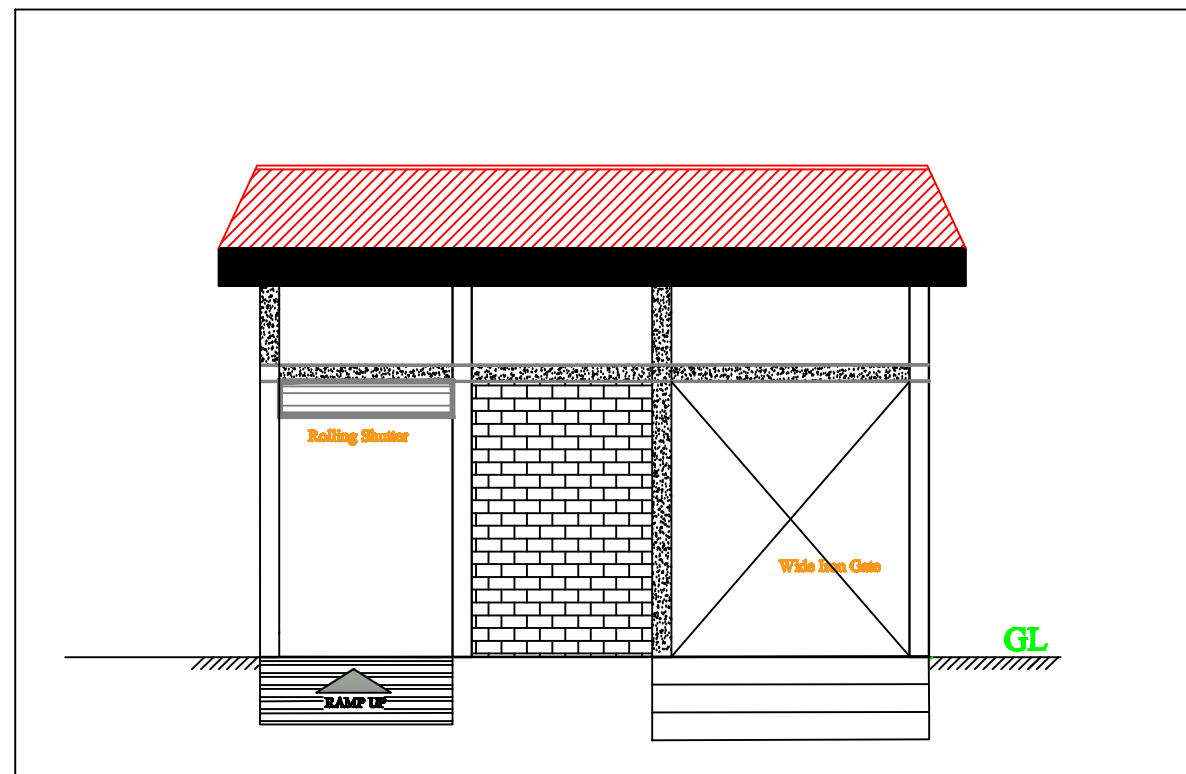
**DRAWING No. :**

ASSAM/SWIFT/GR-08/SD/05

DRAWING CONTENTS: FISH LANDING CENTRE

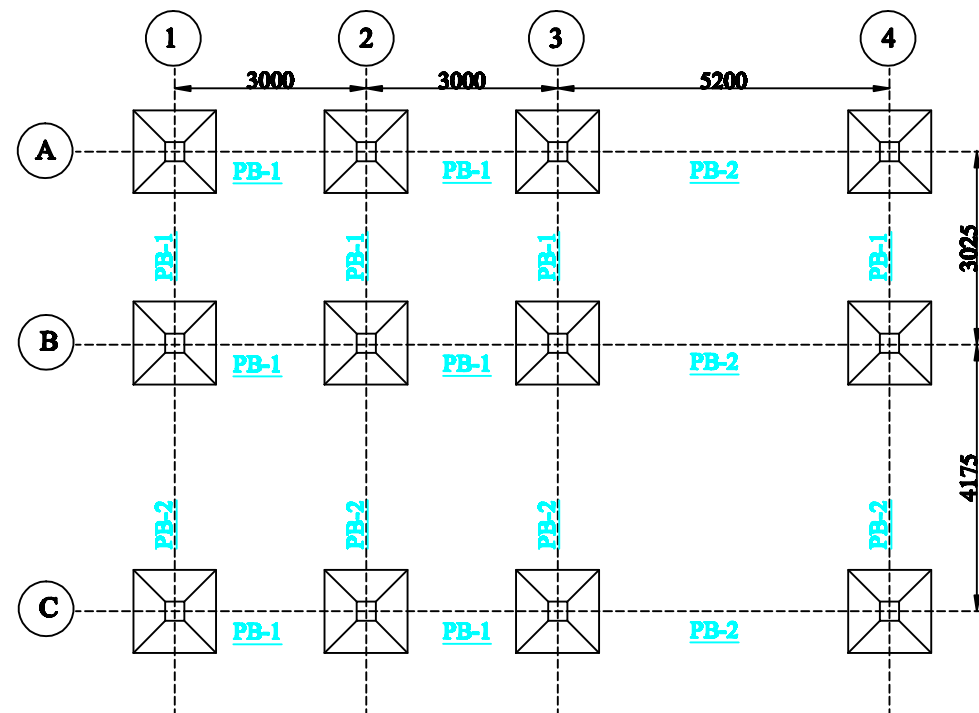
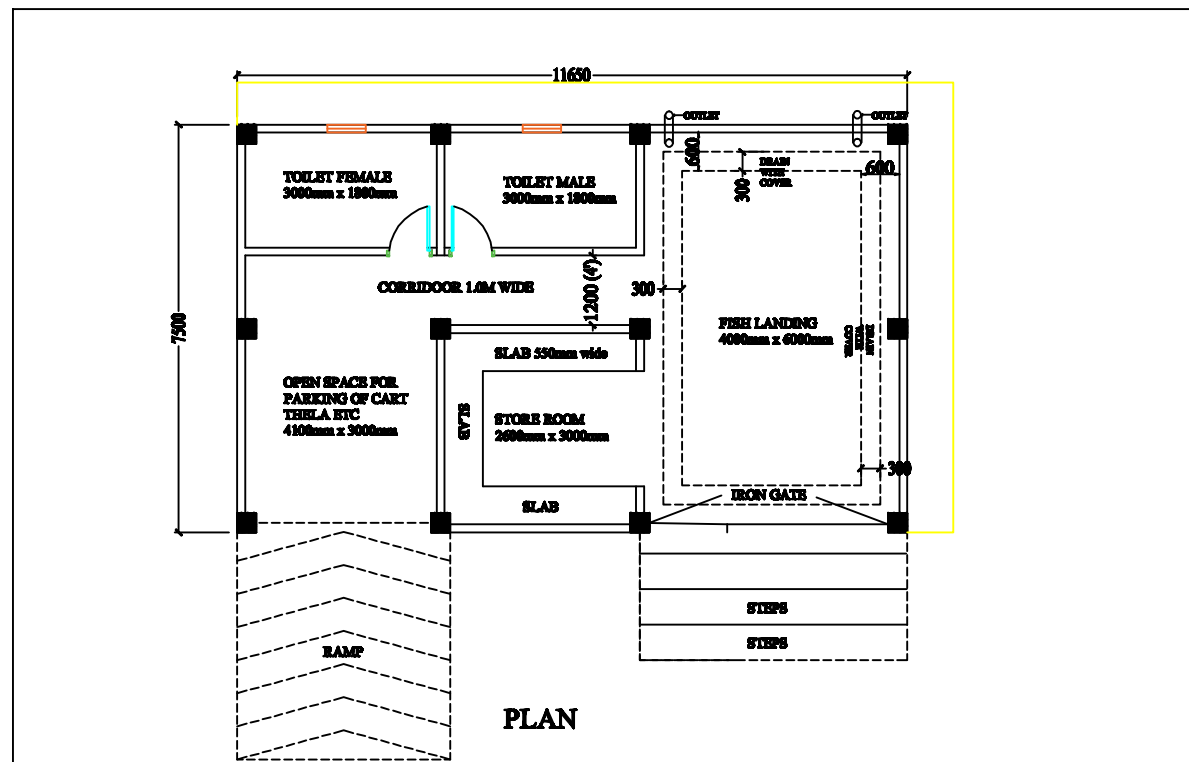
NOT TO SCALE

**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

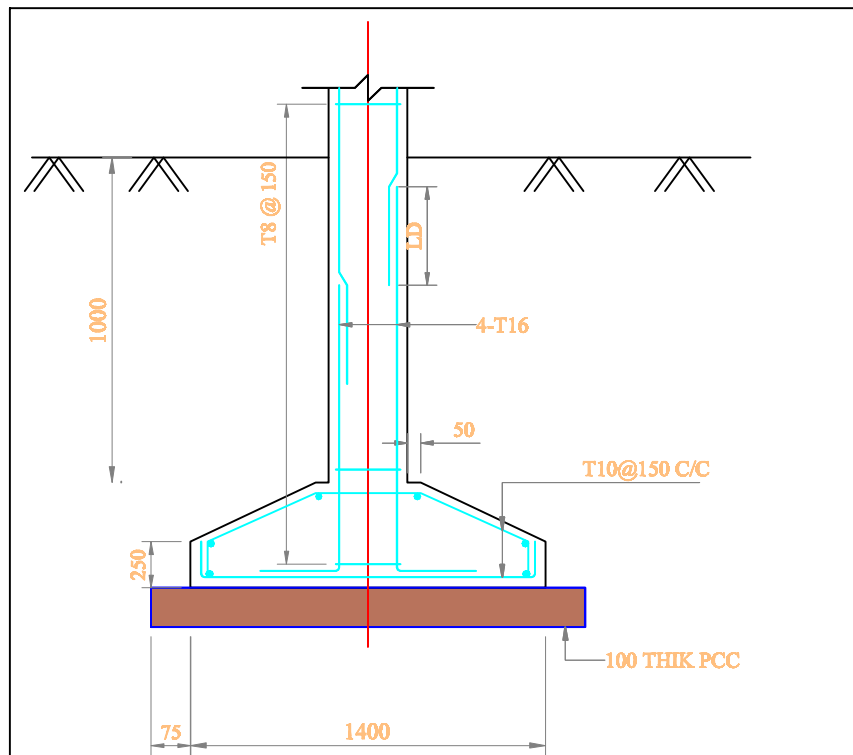
Prepared by  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corp. office Address  
 SURVEY, Agents PATH, HOUSE NO-57, GURMAHATI,  
 KAMRUPOUR, ASSAM, PIN-781022.  
 email: basicconsultant@yahoo.com  
 Regd. Office Address  
 H. HARBACH, ELDO ROAD,  
 HARBACH, ASSAM, PIN-782222  
 email: basicconsultant99@gmail.com

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

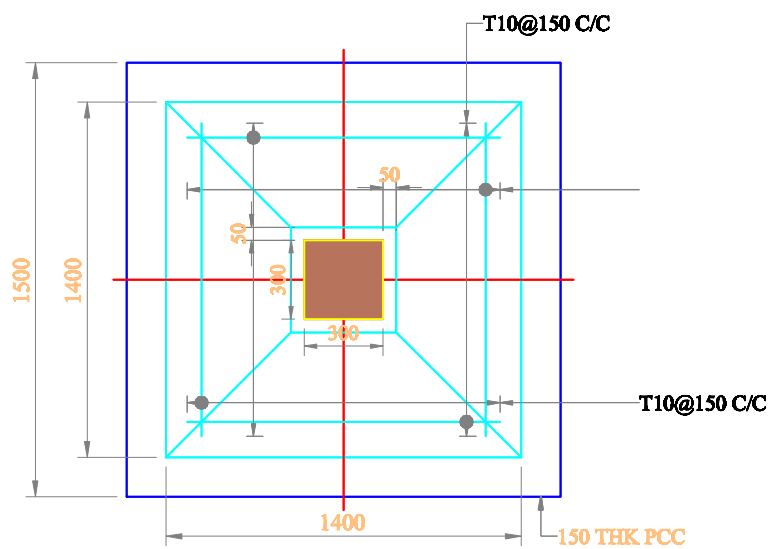
**DRAWING No. :**  
 ASSAM/SWIFT/GR-08/SD/05(A)

NOT TO SCALE

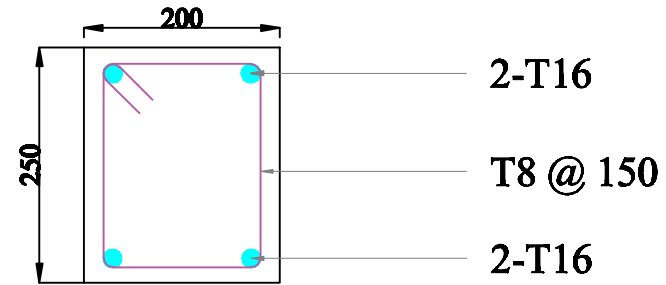
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



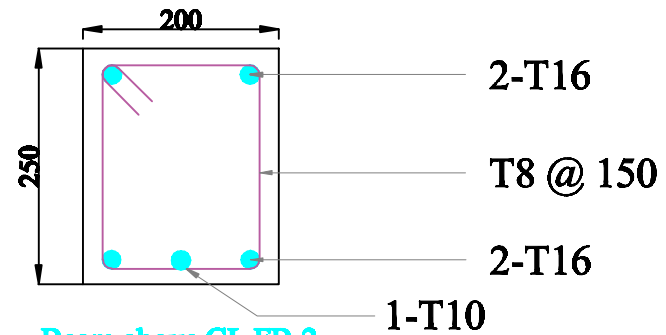
**SECTION 1-1  
DETAIL OF FOOTING**



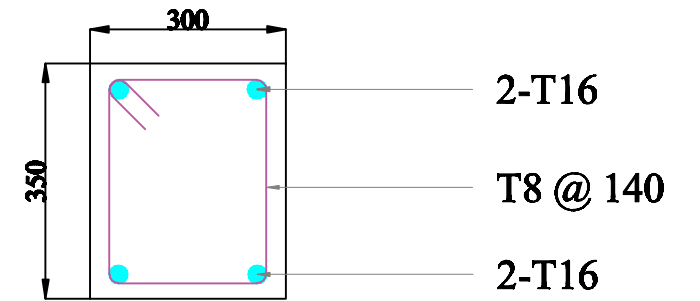
**FOOTING - PLAN**



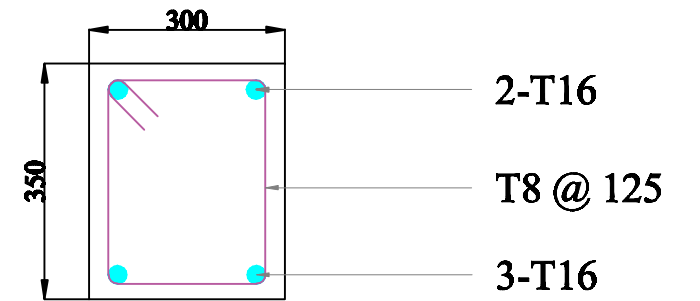
**Beam above GL FB-1**



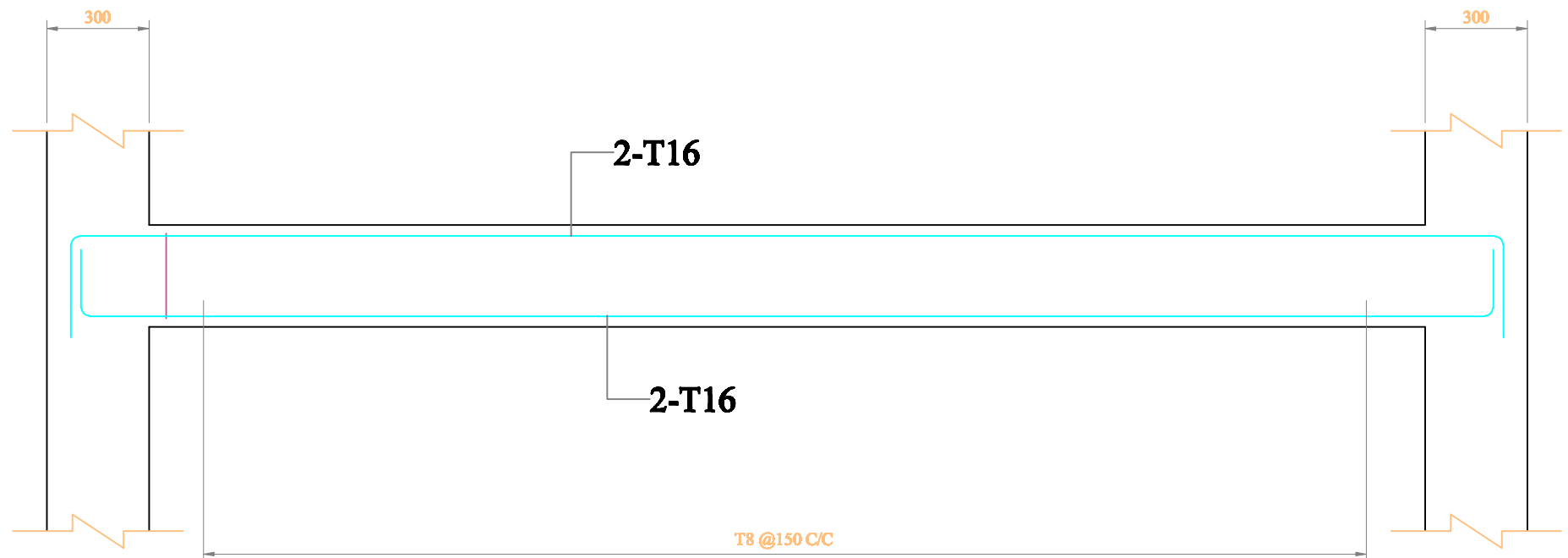
**Beam above GL FB-2**



**Plinth Beam Section PB-1**



**Plinth Beam Section PB-2**



**BEAM:300x350**

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

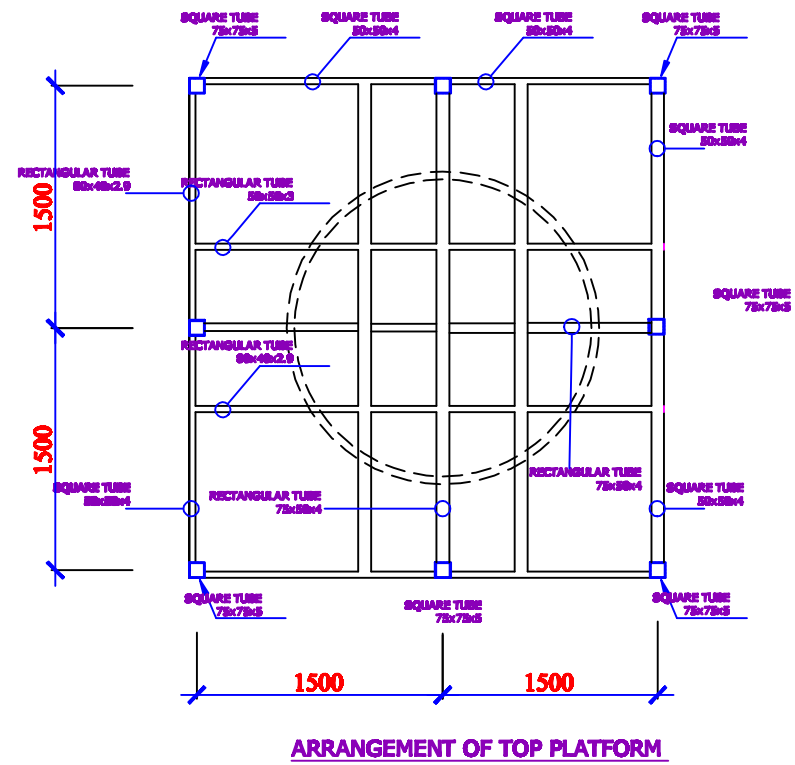
**Prepared by**  
**BASIC CONSULTANT**  
(ENGINEERING CONSULTANT)  
Corporate Office Address  
SURVEY, Ajanta PATH, HOUSE NO-87, GOWANATI,  
KAMRUPOUR (B), ASSAM, PIN-781002.  
email: basicconsultant19@gmail.com  
Regd. Office Address  
N. HABARBACH, B.D.ROAD,  
NABACH, ASSAM, PIN-782202  
email: basicconsultant19@gmail.com

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

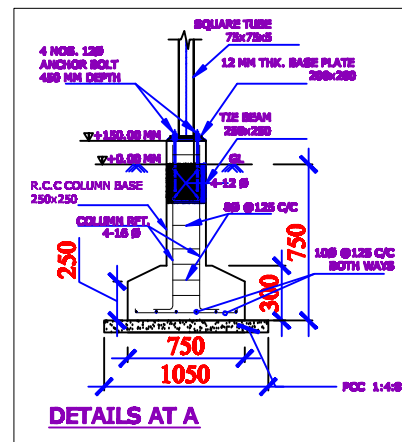
**DRAWING No. :**  
**ASSAM/SWIFT/GR-08/SD/05(B)**

**NOT TO SCALE**

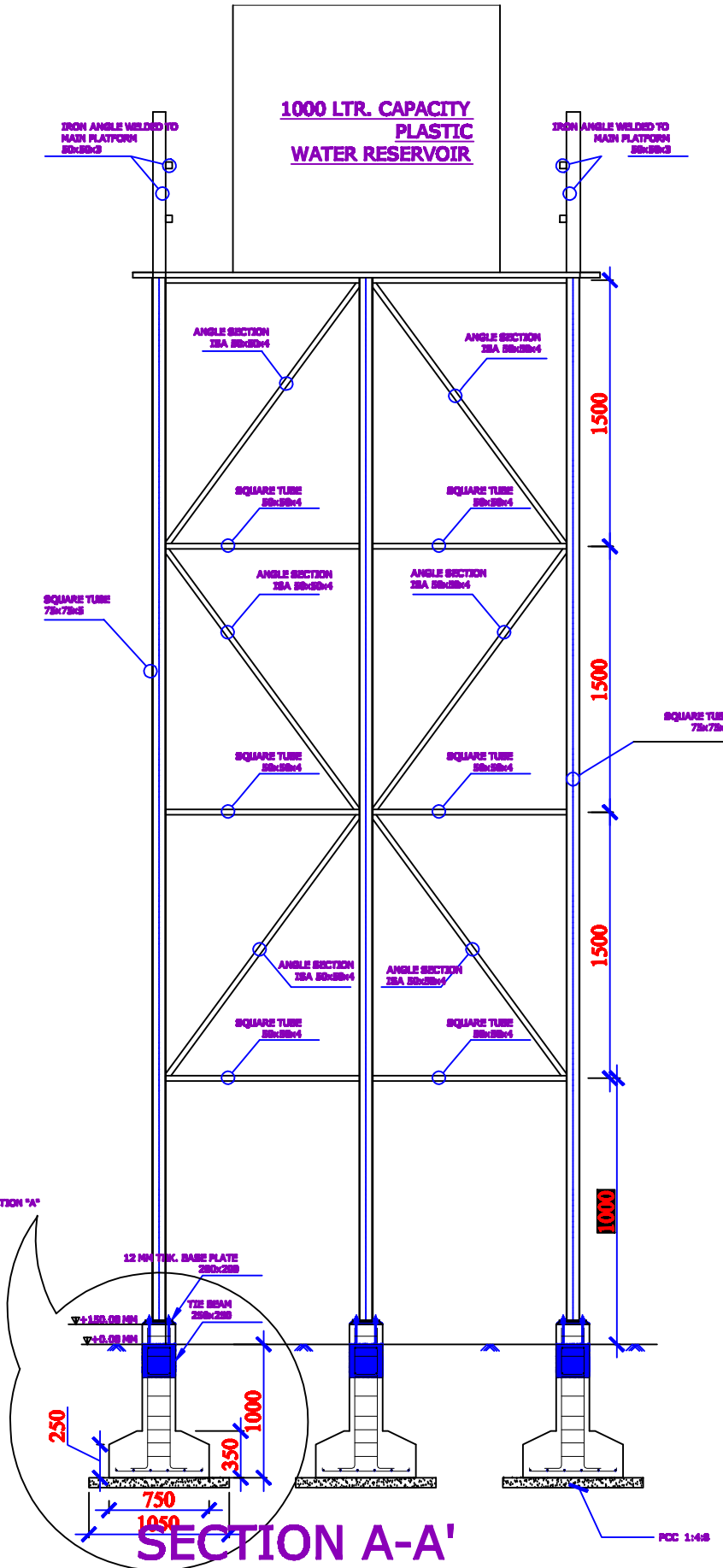
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



ARRANGEMENT OF TOP PLATFORM



DETAILS AT A

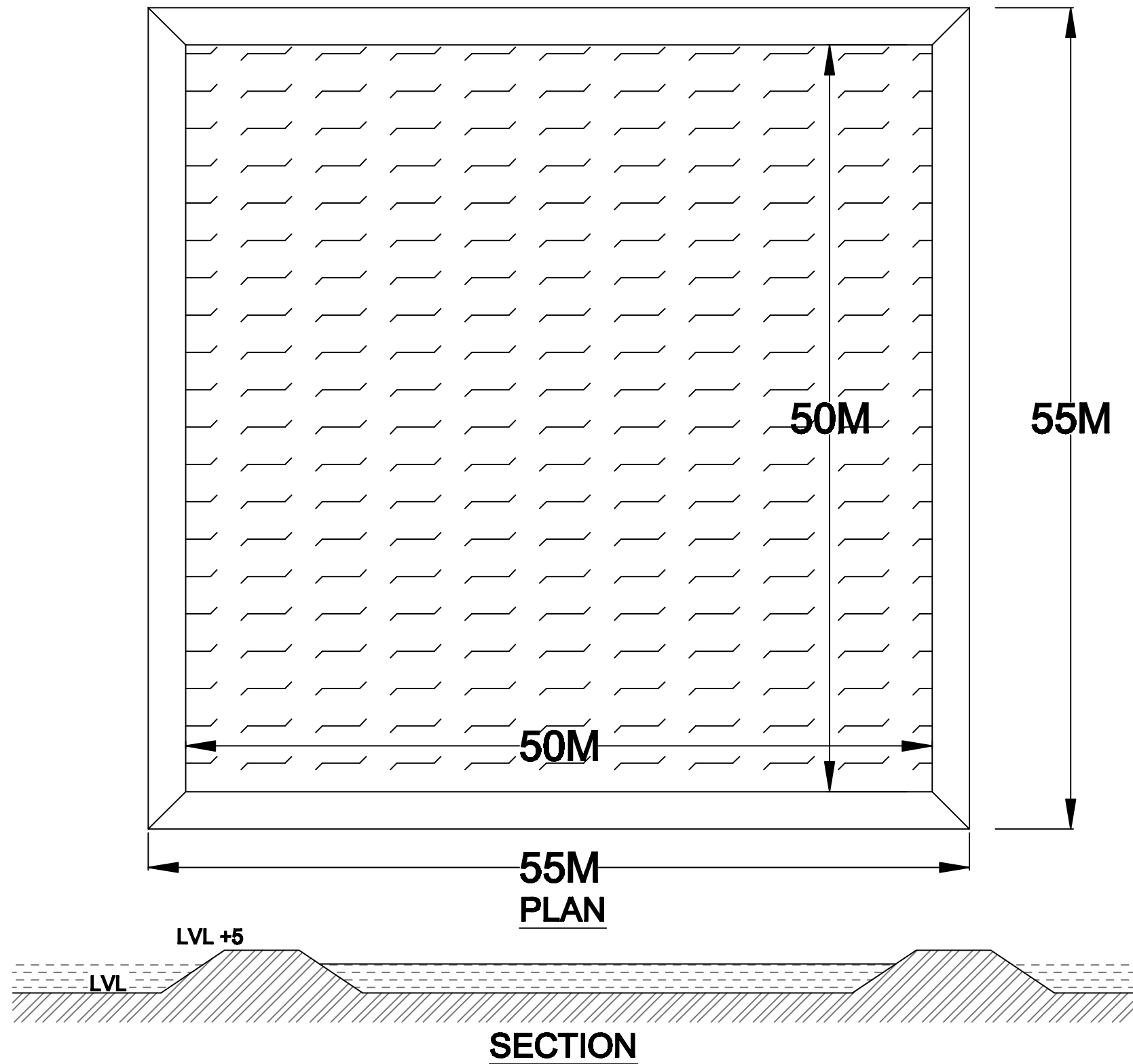


SECTION A-A'

**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

# TYPICAL PLAN & SECTION OF REARING TANK



**BASIC CONSULTANT**  
(ENGINEERING CONSULTANT)

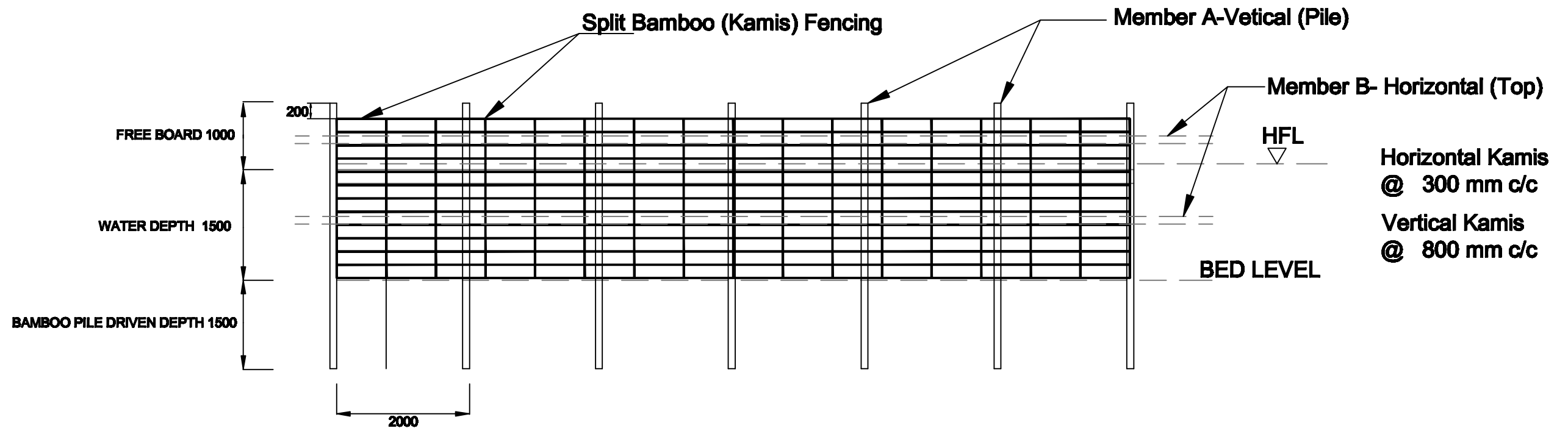
Corporat office Address  
SERVET, Ajanta PATH, HOUSE NO-07, GUWAHATI,  
KAMRUP (P), ASSAM, PIN-781002.  
email- basicconsultant@yahoo@gmail.com  
Regd. Office Address  
H. HARBABACH, K.S. ROAD,  
HABACH, ASSAM, PIN-781002  
email- basicconsultant99@gmail.com

**DRAWING :**  
**PLAN & TYP. CS OF REARING TANK**

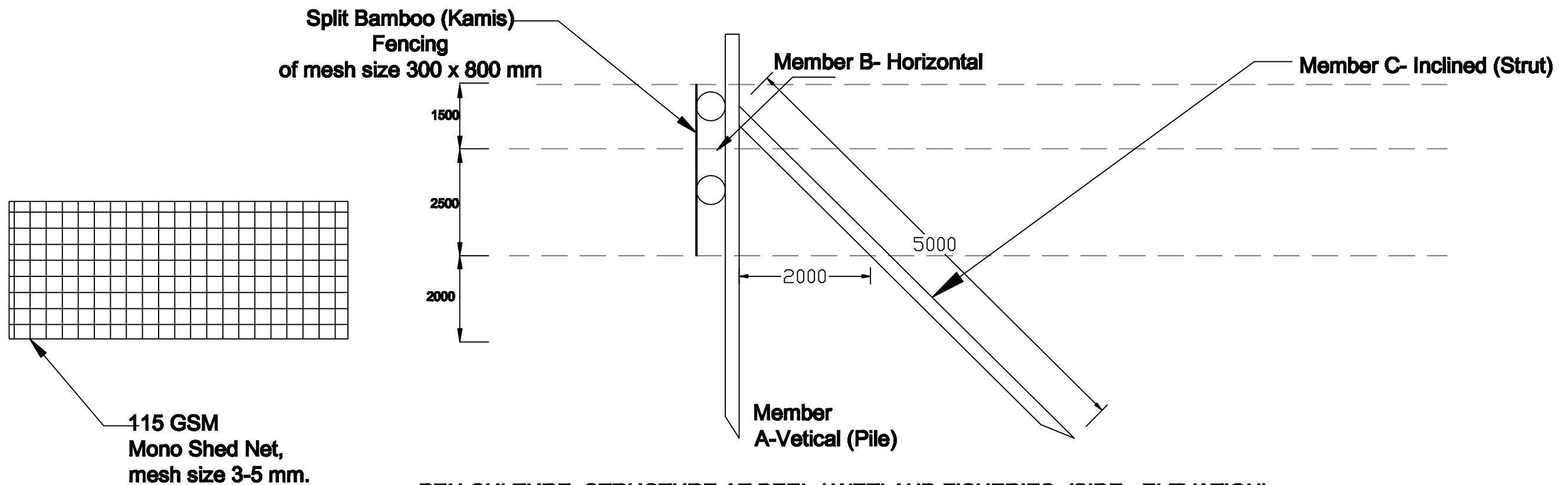
**DRAWING No. :**  
**ASSAM/SWIFT/GR-08/SD/07**

**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,  
KAMRUPO Dist, ASSAM, PIN-781002.  
email:-basicconsultant@gmail.com  
Regul. Office Address  
N. HARBARDIACH, K.B. ROAD,  
NABACH, ASSAM, PIN-785002  
email:-basicconsultant@gmail.com

**DRAWING :**

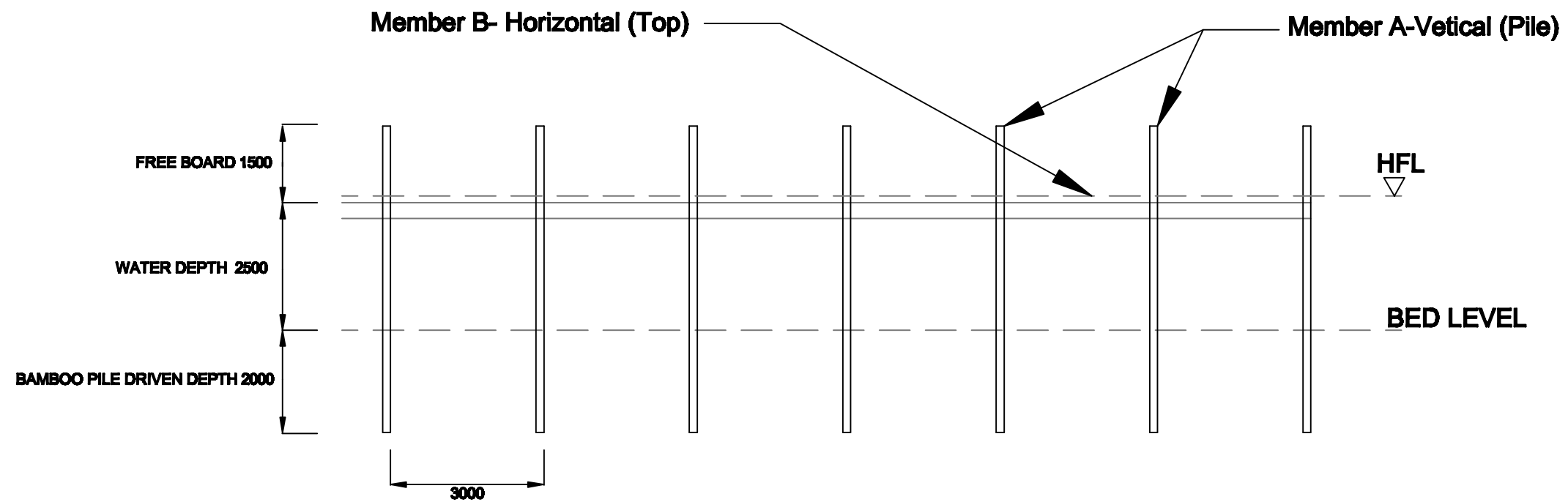
GENERAL ARRANGEMNT OF PEN CULTURE

**DRAWING No. :**

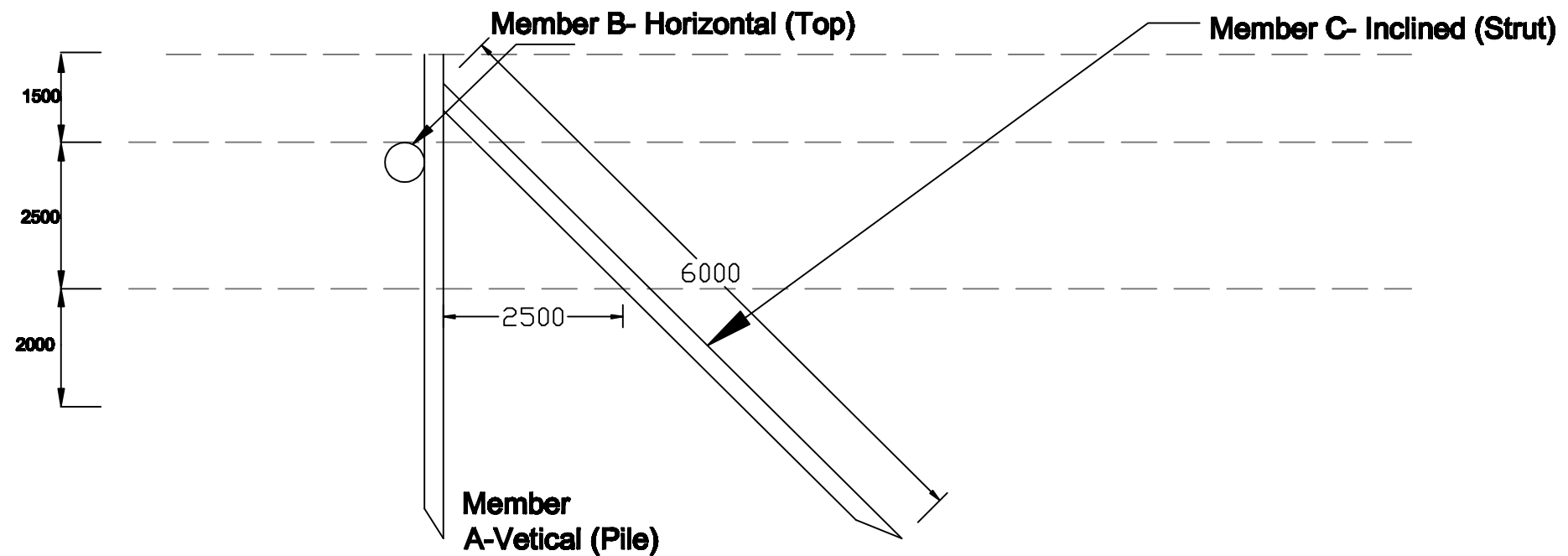
ASSAM/SWIFT/GR-08/SD/08

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-785002  
email:- basicconsultant9@gmail.com

DRAWING :

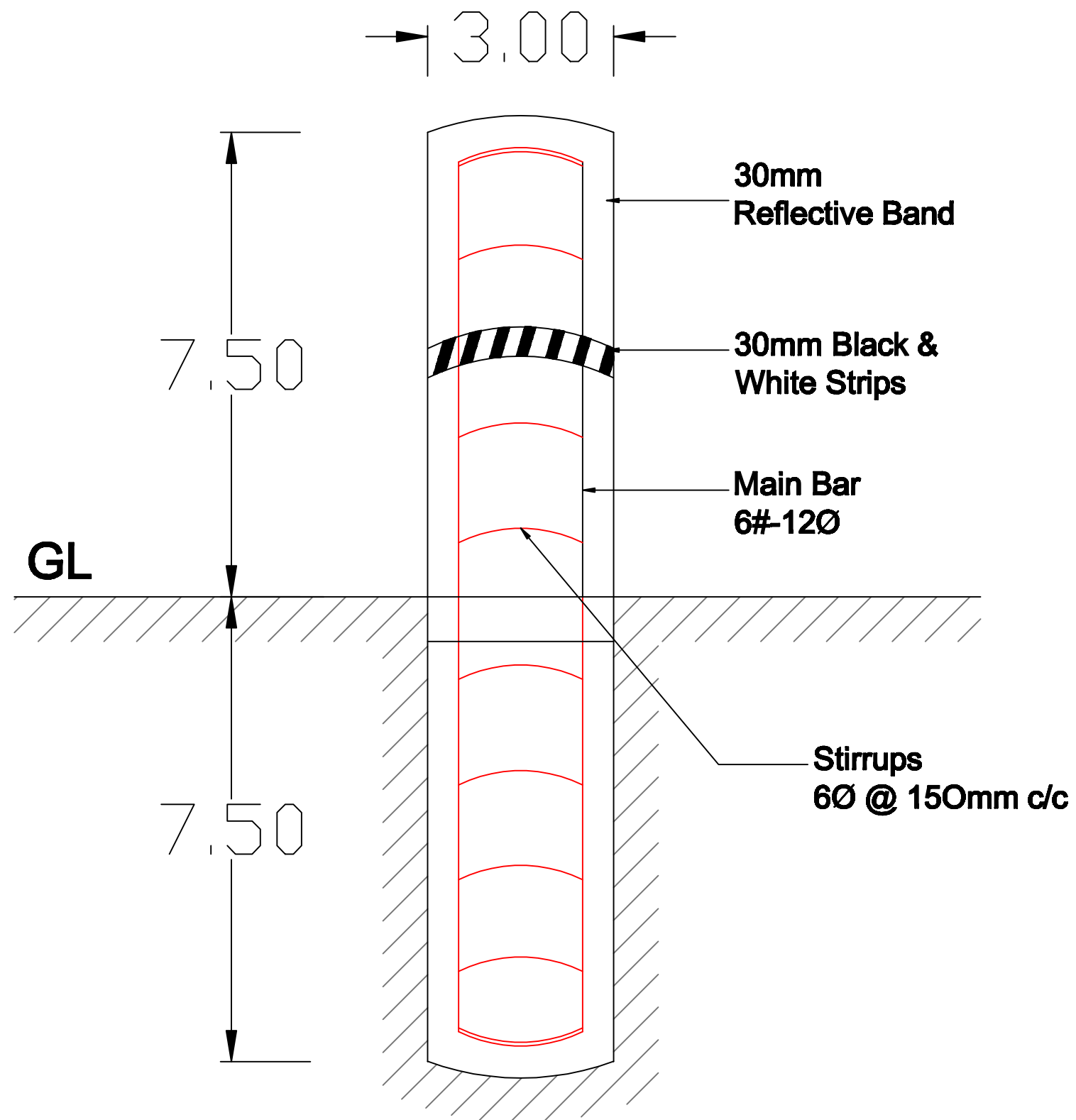
GENERAL ARRANGEMNT OF KATAL/JENG

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/09

NOT TO SCALE

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



**BASIC CONSULTANT**  
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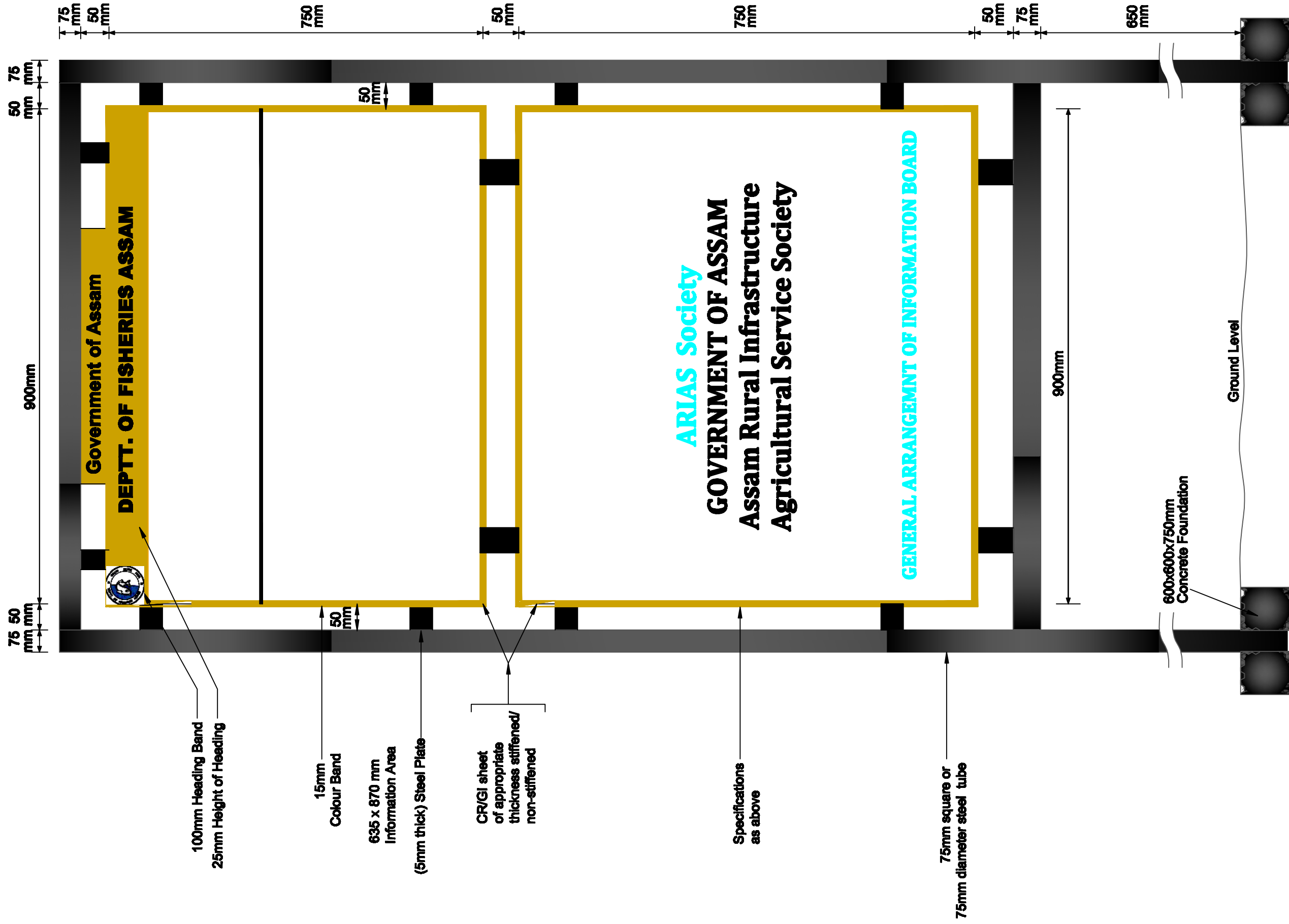
Corporat office Address  
SERVET, AJOIA PATH, HOUSE NO-87, GUWAHATI,  
KAMRUP (P), ASSAM, PIN-781002.  
email:- basicconsultant@yahoo@gmail.com  
Regd. Office Address  
H. HARBABACH, K.S. ROAD,  
BARACH, ASSAM, PIN-781002  
email:- basicconsultant@yahoo@gmail.com

**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**

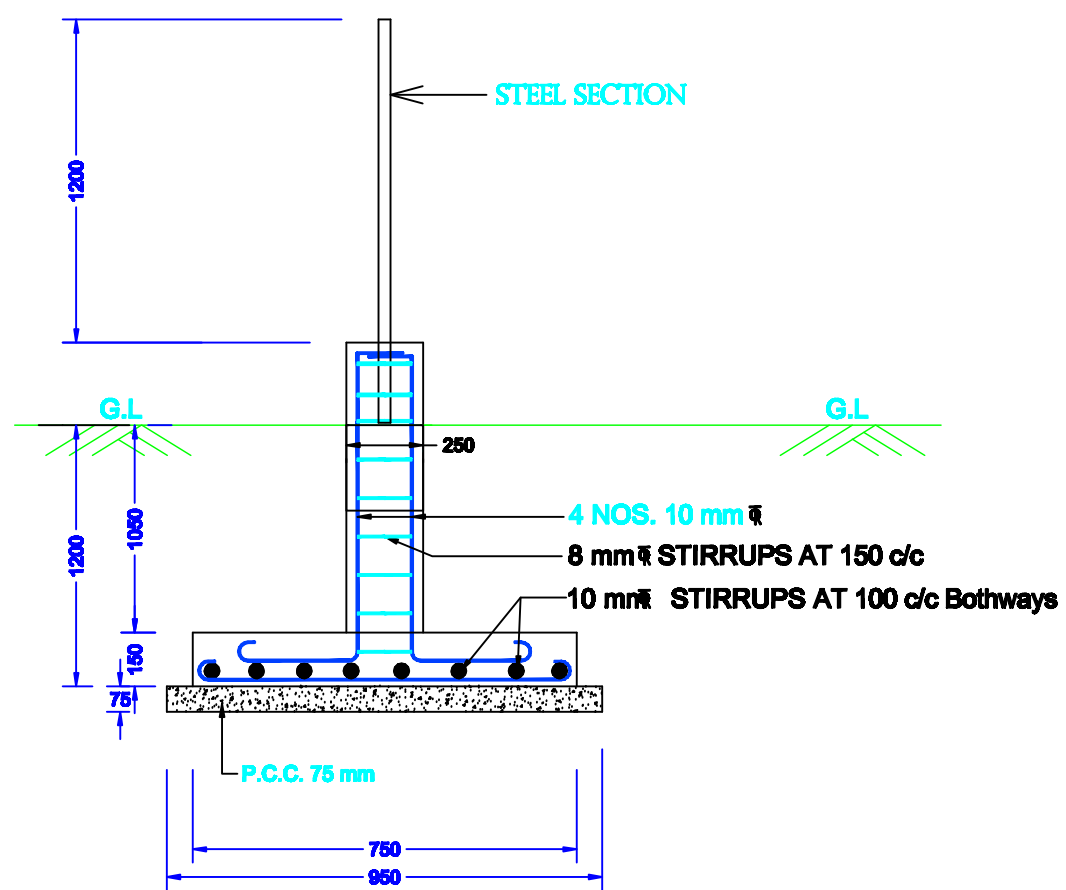
(ENGINEERING CONSULTANT)  
 Consult Office Address  
 SERVICE, ANNA PARK, KALINGA ROAD, GUWAHATI,  
 ASSAM-781005, INDIA.  
 Email: [basicconsultant@bca.gov.in](mailto:basicconsultant@bca.gov.in)  
 Head Office Address  
 11, ANANDAPUR, KALINGA ROAD,  
 GUWAHATI-781005, INDIA.  
 Email: [basicconsultant@bca.gov.in](mailto:basicconsultant@bca.gov.in)

**DRAWING:**  
 GENERAL ARRANGEMENT OF  
 INFORMATION BOARD

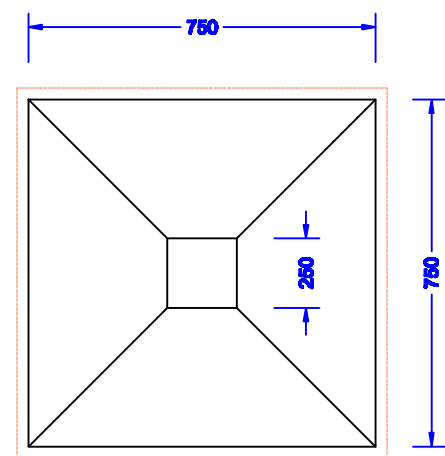
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 ASSAM/SWIFT/GR-08/SD/11

NOT TO SCALE

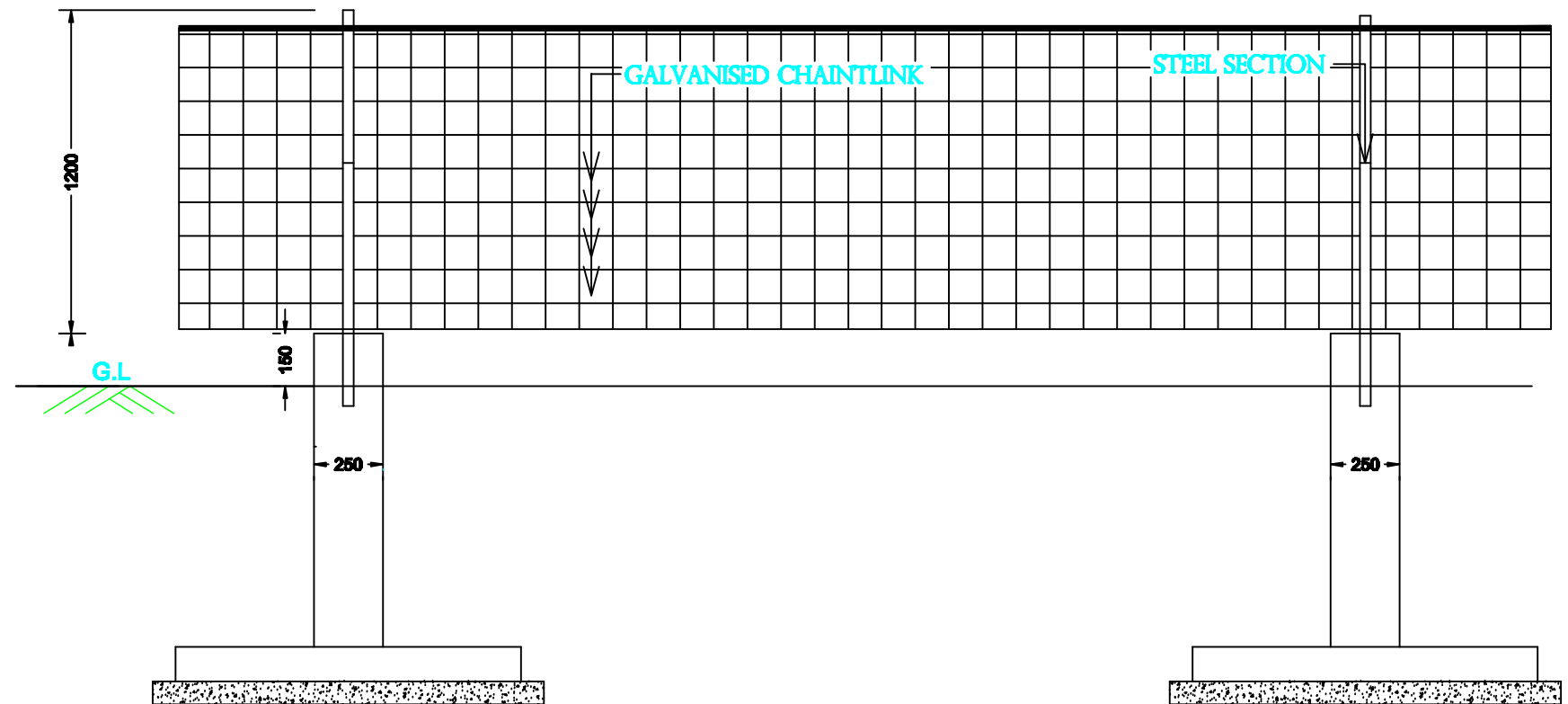
**ARIAS Society**  
**GOVERNMENT OF ASSAM**  
**Assam Rural Infrastructure**  
**Agricultural Service Society**



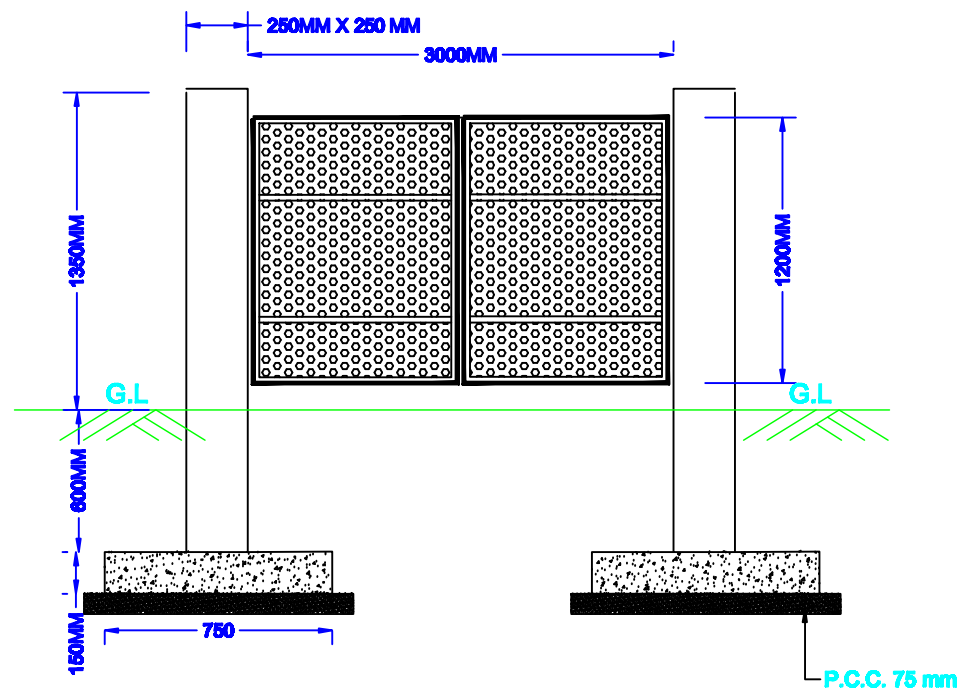
**DETAIL OF FOOTING & COLUMN**



**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, BILASDAL,  
BARACH, ASSAM, PIN-782002  
email: basicconsultant@yahoo.com

**DRAWING :**

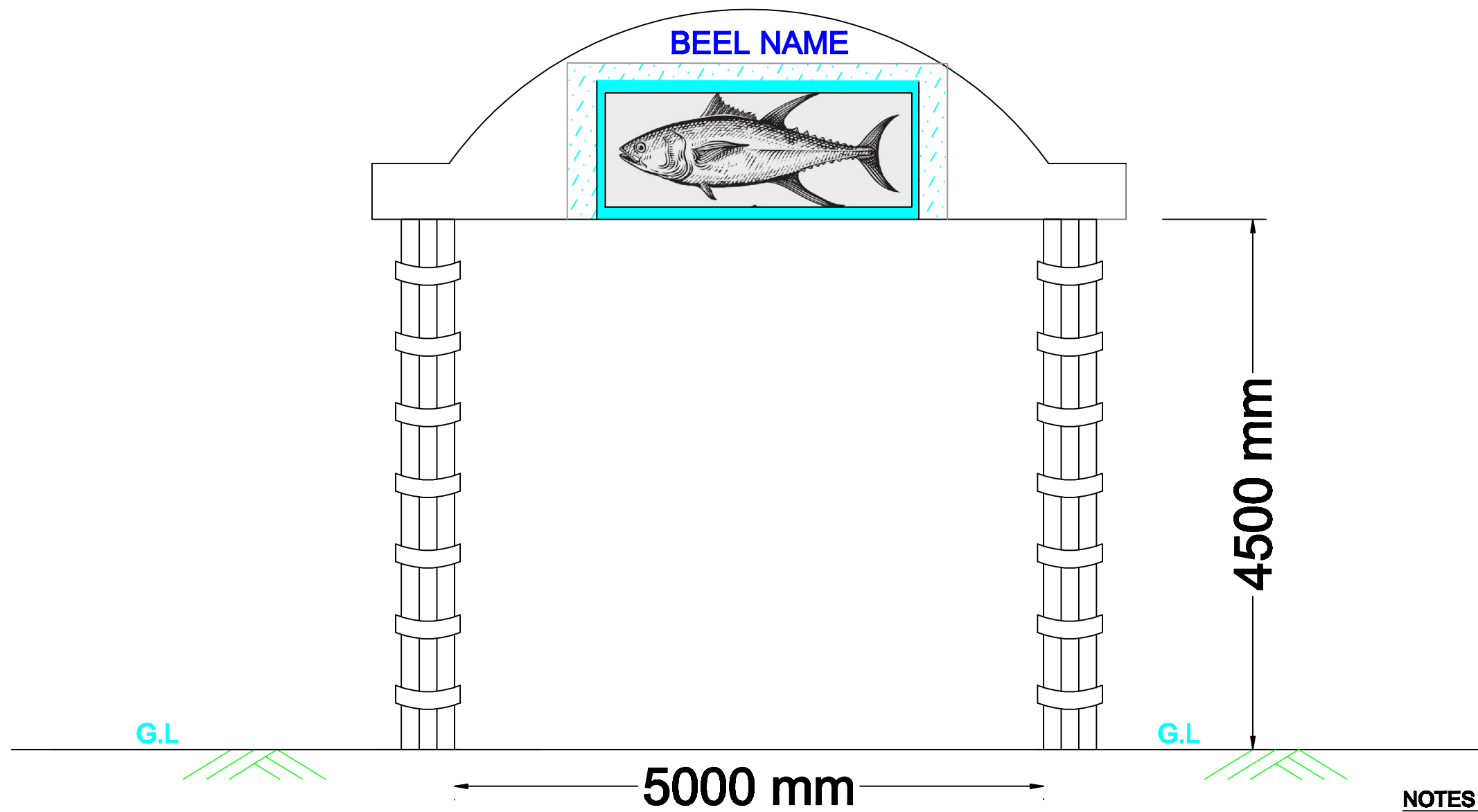
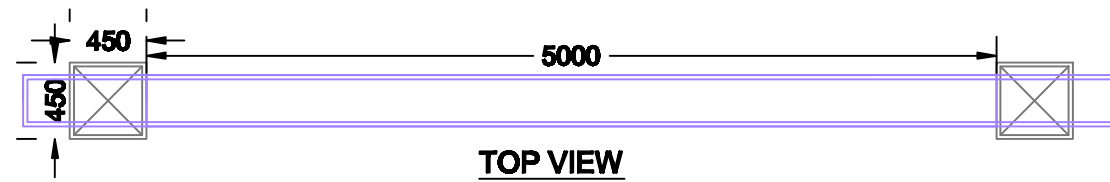
**PLAN & CS OF FENCING WITH IRON GATE**

**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 .

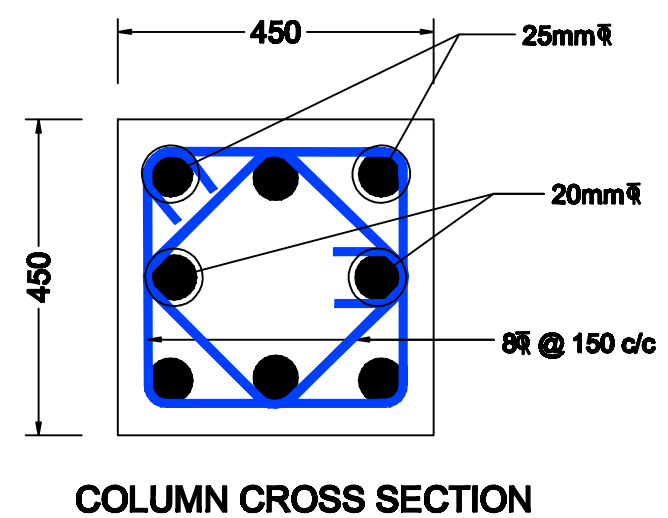
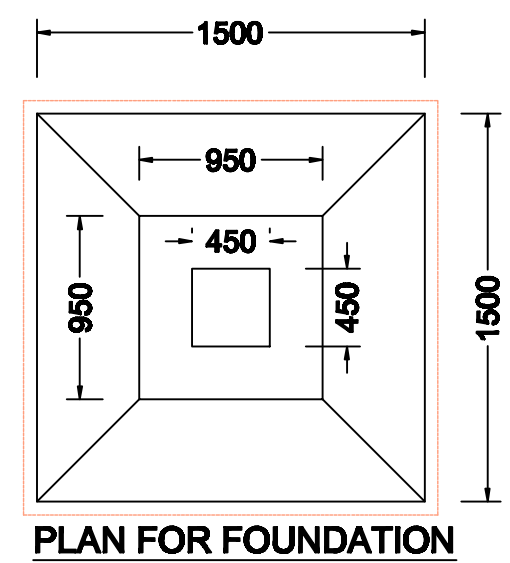
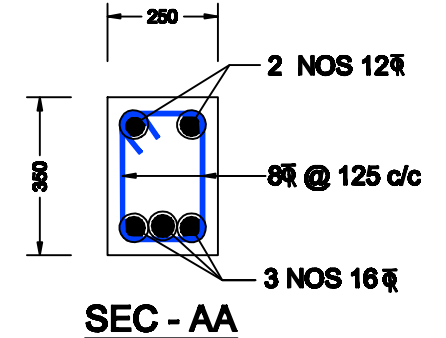
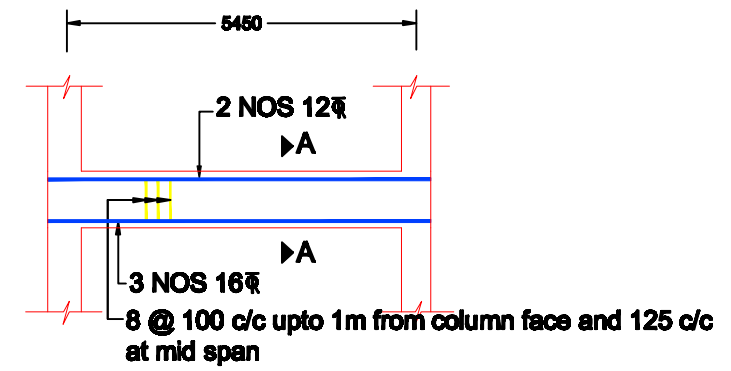
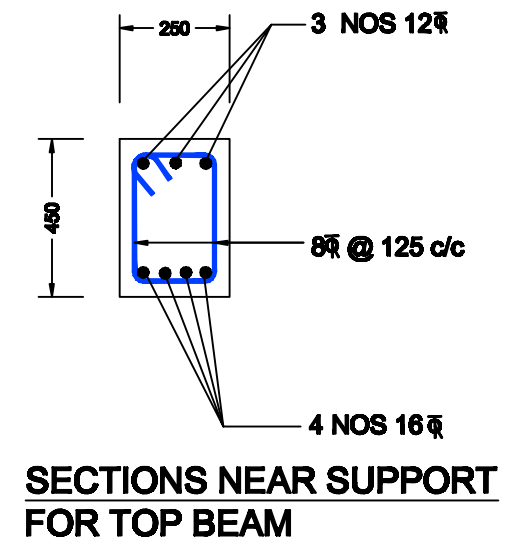
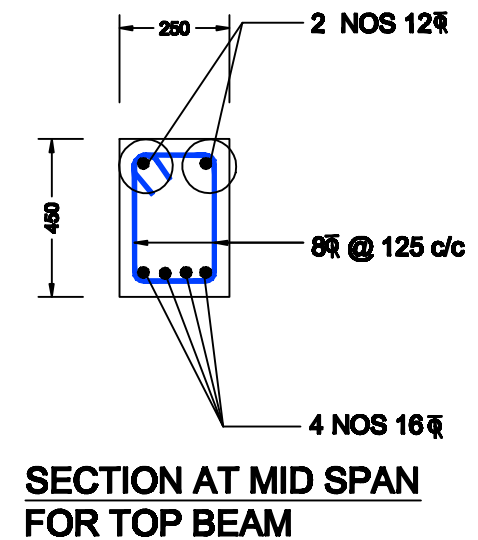
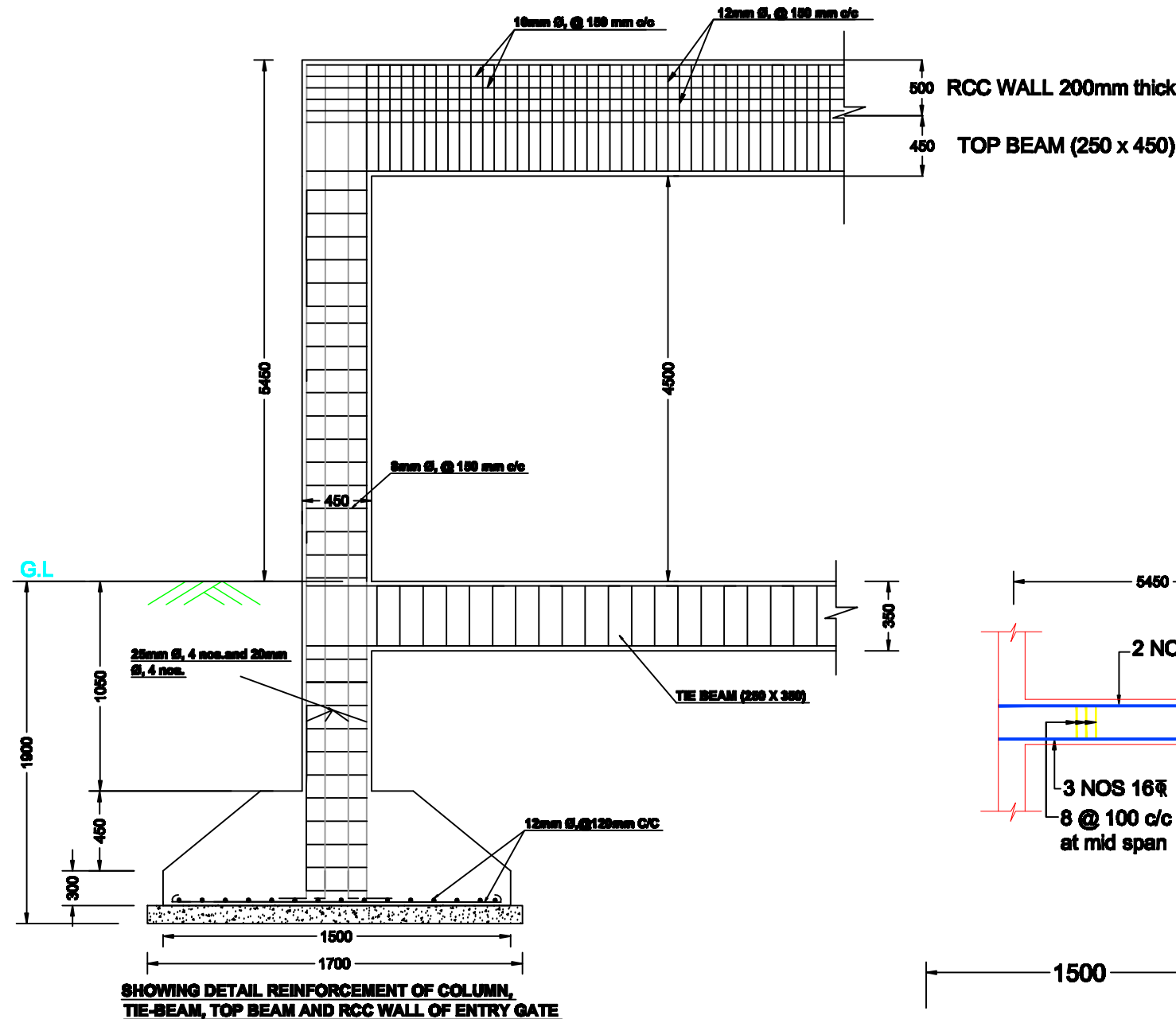
**Prepared by**  
**BASIC CONSULTANT**  
 (ENGINEERING CONSULTANT)  
 Corpmt office Address  
 SERVIT, Ajanta PATH, HOUSE NO-07, GUWAHATI,  
 KAMRUP Dist, ASSAM, PIN-781002.  
 email:-basicconsultant@gmail.com  
 Regd. Office Address  
 H. HARBARDI, K.B. ROAD,  
 NABACH, ASSAM, PIN-782202  
 email:-basicconsultant@gmail.com

**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**