

LEGEND :-

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

LEGEND TYPE:- EXISTING

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

PROVISIONS:

- WEED CLEARANCE 11848.748 SQM.
- PROPOSED DE SILTING VOLUME 1488.27 CUM.
- PROPOSED FISH LANDING 1 NOB.
- PROPOSED CULVERT 5 NOB.

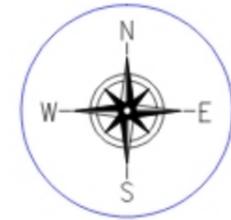
APPLYING IN	AREA PROVISIONS
0 NOB	0 NOB

- PROPOSED APPROACH ROAD 41 M.
- PROPOSED COMMUNITY HALL CUM WETLAND INFORMATION CENTRE (14.78 M x 13.69 M) 1 NOB.
- POP. BOUNDARY FENCING 104 M WITH IRON GATE 2 NOB.
- PROP. STEEL OVER HEAD TANK (1000LTR) 1 NOB.
- PROPOSED BAMBOO PARTITION 1 NOB. (100 M)
- PROPOSED SOLAR LAMP 8 NOB.
- PROPOSED KATALAENS 4 NOB. (0.2 Ha Each)
- PROPOSED FISH CULTURE 8 NOB.
 - (1) - Floating Pen-2 nos (0.25 ha each)
 - (2) - Staking Pen-4 nos (0.4 ha each)
- PROPOSED PERIPHERAL BUND 889 M.
- PROPOSED REARING TANK 4 NOB. (0.18 Ha Each)
- PROPOSED INFORMATION BOARD 2 NOB. (WIDTH-1.00M x HEIGHT-2.00M)

FUTURE PROVISIONS:

- PROPOSED PONTOON FOOT BRIDGE
- PROPOSED VERMI COMPOST UNIT
- PROPOSED BOB TOURISM
- PROPOSED AQUA CULTURE

Prepared by BASIC CONSULTANT <small>(মৌমাছাৰ কনসাল্টাণ্ট)</small> Court Office Address BORDO, LAKE, PO, DIBRUGARH, ASSAM, PIN-786001, INDIA. Email: info@basicconsultant.com Phone: +91 94360 12345 Web: www.basicconsultant.com	NAME OF THE BEEL:- KUTUHA BEEL	DISTRICT:- DIBRUGARH	AREA (Ha):- 17.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: MASTER PLAN LAYOUT OF KUTUHA BEEL	CLIENT: ARIAS Society <small>GOVERNMENT OF ASSAM</small> <small>Assam Rural Infrastructure and Agricultural Services Society</small>	DATE: <table border="1"> <tr> <th>DESIGNED BY</th> <th>CHECKED BY</th> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	DESIGNED BY	CHECKED BY	APPROVED BY	DATE				
	DESIGNED BY	CHECKED BY	APPROVED BY	DATE											
SCALE:- 1:1000	DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/01					<table border="1"> <tr> <th>DATE</th> <th>DATE</th> <th>DATE</th> <th>DATE</th> </tr> <tr> <td>YEAR/NO</td> <td>A.E.</td> <td>S.E.</td> <td>S.E.</td> </tr> </table>	DATE	DATE	DATE	DATE	YEAR/NO	A.E.	S.E.	S.E.	
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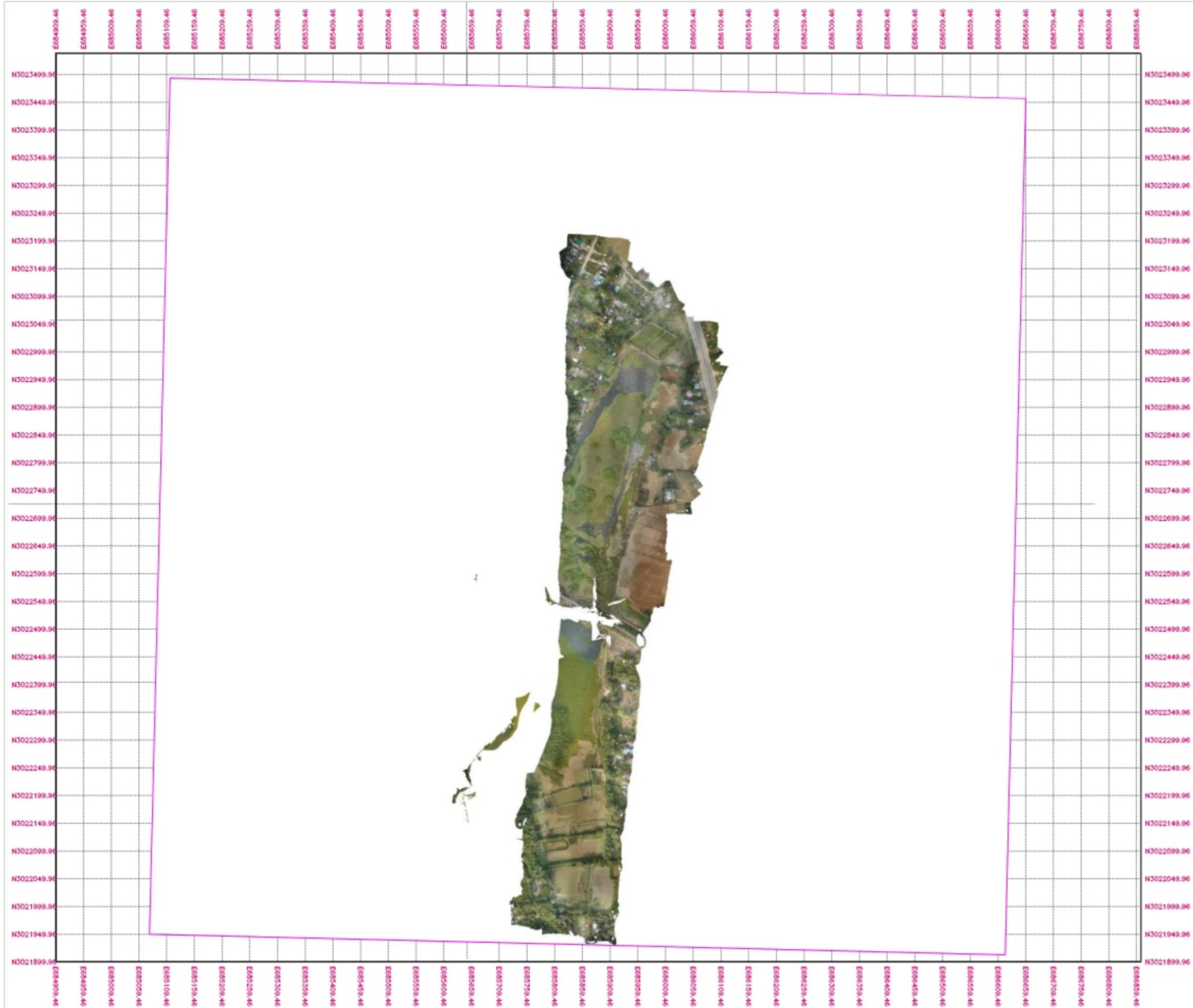
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PROPOSED PERIPHERAL BUNDH	
PROPOSED DRAIN	
PROP. DEMARCATION PILLAR	
PROP. PIPE LAY (1 x 600 IS)	

LEGEND TYPE:- EXISTING

TBM	
EXISTING CULVERT	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING HALA	
EXT. EARTHEN ROAD	
EXISTING BITTOO ROAD	
PADDY FIELD / JUNGLE	

Prepared by BASIC CONSULTANT <small>(মহাস্বাস্থ্য সনস্কৃতিক)</small> Office Address: BORDO, LALBAI, PO, DIST: NAGALAND, ASSAM, PIN-781124, INDIA. Email: info@basicconsultant.com Phone: +91 94360 12345	NAME OF THE BEEL:- KUTUHA BEEL	DISTRICT:- DIBRUGRAH	AREA (Ha):- 17.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: LAYOUT PLAN OF KUTUHA BEEL	CLIENT: ARIAS Society GOVERNMENT OF ASSAM <small>Assam Rural Infrastructure and Agricultural Services Society</small>	DATE			
		DRAWING NO :- ASSAM/SWIFT/GR-00/PLAN/02	DESIGNED BY _____				CHECKED BY _____	APPROVED BY _____	DATE _____	



Prepared by
BASIC CONSULTANT
(CONSULTANTS COMPANY)
 Street Office Address
 123/45, Street Name, City, State, Pin-Code
 Email: contact@basicconsultant.com
 Regd. Office Address
 67, Regd. Office Street, City, State, Pin-Code
 Email: contact@basicconsultant.com

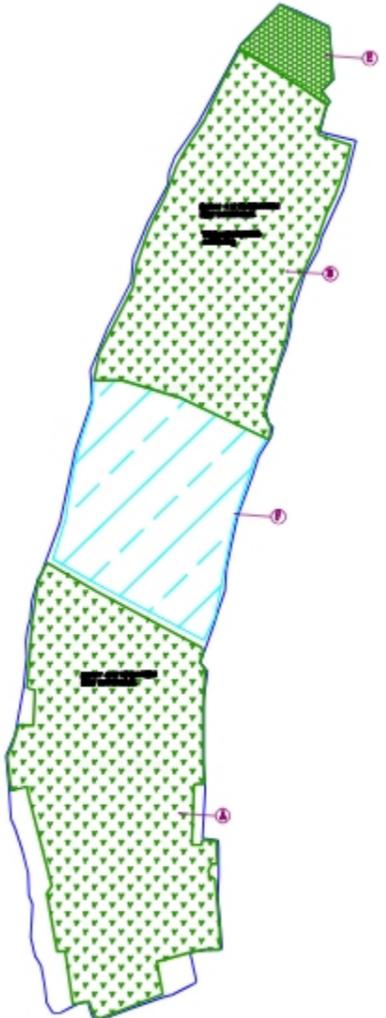
Name of Work:-
Kutuha Beel In Dibrugrah District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

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

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LEGEND :-

Thin and floating water etc	
Medium and floating etc	
Heavy and floating etc	
CLEAR WATER AREA	

TOTAL AREA = 112400.7400 SQM

AREA DETAILS		
SL. NO	DESCRIPTION	AREA (Sq. m)
A	Thin and floating water etc	6700.000 SQ M
B	Medium and floating water etc	4500.000 SQ M
C	Heavy and floating water etc	600.000 SQ M
D	CLEAR WATER AREA	1000.000 SQ M
TOTAL		11240.000 SQ M

Prepared by
BASIC CONSULTANT
 (CONSULTANCY)
 Corporate Office Address
 SURVIVY, Assam PATS, NAGBHEE ROAD, GANAGHATI,
 KAMRUP DIST, ASSAM, PIN-781001.
 Email: basicconsultant@gmail.com
 Regd. Office Address
 H. KANAKAN, H. S. ROAD,
 KAMRUP, ASSAM, PIN-781001.
 Email: hkanakan@gmail.com

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

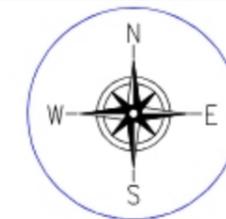
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PACKAGE NO: 8

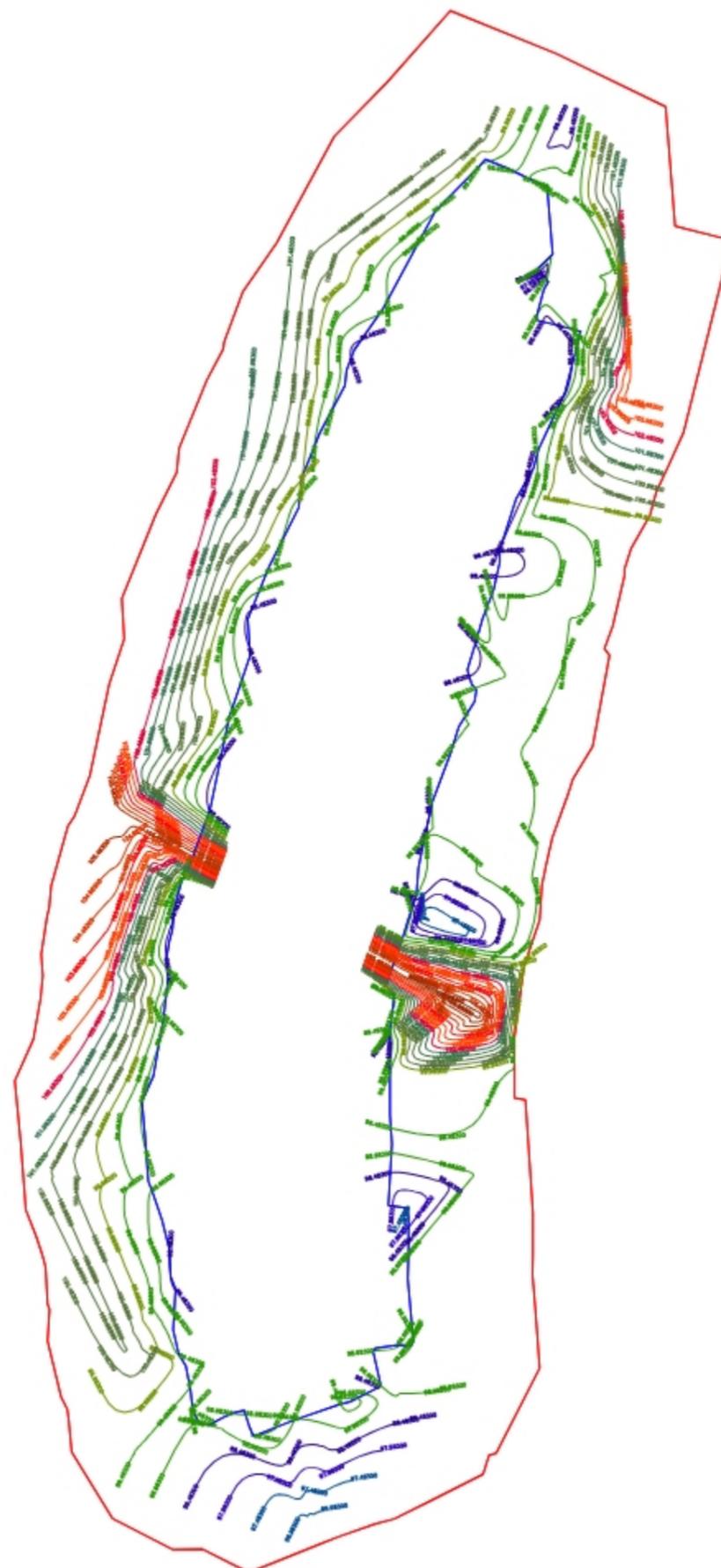
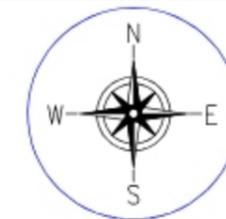
DRAWING :
DE WEEDING MAP

DRAWING NO :-
ASSAM/SWIFT/GR-08/PLAN/04

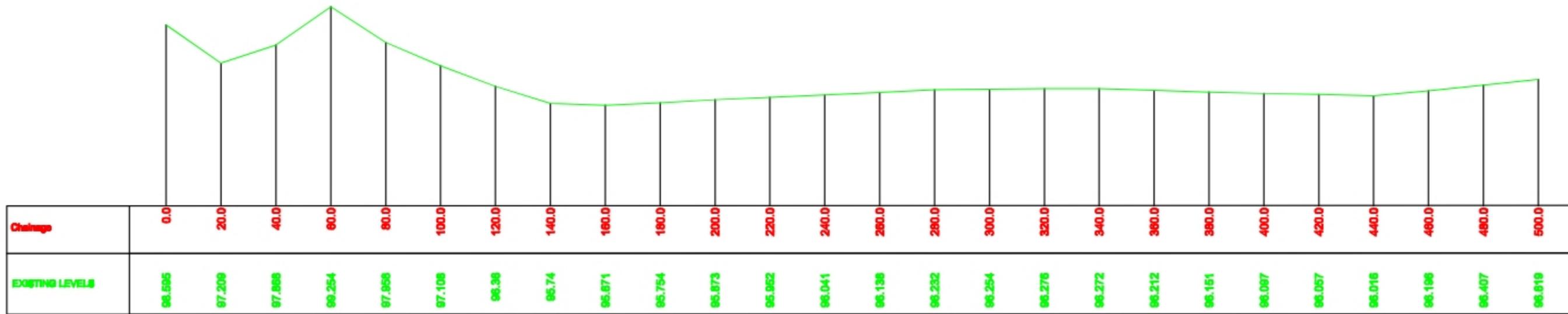
ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



Prepared by BASIC CONSULTANT <small>(INDIAN-REGISTERED CONSULTANT)</small> <small>Corporate Office Address</small> <small>Survey, A.J. Road, Rajni, H.No. 07, Guwahati,</small> <small>Assam, Pin-781005</small> <small>email- basicconsultant@gmail.com</small> <small>Head Office Address</small> <small>U. B. Road, Rajni, H.No. 08,</small> <small>Guwahati, Assam, Pin-781005</small> <small>email- basicconsultant@gmail.com</small>	NAME OF THE BEEL:- KUTUHA BEEL	DISTRICT:- DIBRUGRAH	AREA (Ha):- 17.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: BATHEMETRIC CONTOUR MAP OF KUTUHA BEEL.	CLIENT:  ARIAS Society <small>GOVERNMENT OF ASSAM</small> <small>Assam Rural Infrastructure and Agricultural Services Society</small>	DATE			
	SCALE :-1:1000	DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/05					CHECKED BY: 	DESIGNED BY: 	APPROVED BY: 	DATE <small>YEAR/MO/D</small>



Prepared by BASIC CONSULTANT <small>(INDIAN-AMERICAN CONSULTANTS)</small> <small>Corporate Office Address</small> <small>Survey, Airport Road, Hoshiarhat, Assam, India</small> <small>Phone: +91 361 251 1111</small> <small>www.bicconsultants.com</small> Head Office Address <small>11, Barabari Road, Guwahati</small> <small>Phone: +91 361 251 1111</small> <small>www.bicconsultants.com</small>	NAME OF THE BEEL:- KUTUHA BEEL	DISTRICT:- DIBRUGRAH	AREA (Ha):- 17.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: TOPOGRAPHIC CONTOUR MAP OF KUTUHA BEEL	CLIENT:  ARIAS Society <small>GOVERNMENT OF ASSAM</small> <small>Assam Rural Infrastructure and Agricultural Services Society</small>	DATE			
	SCALE :- 1:1000	DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/06					DESIGNED BY: 	SCALE/DATE: 	REVISIONS: 	APPROVED BY:
							TEAM LEAD	A.E.	S.E.	S.E.



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANTS)
 Copycat office Address
 SURVEY, AGRAH PATH, HOUSE NO-42, GOHANATI,
 KAMRUJIGI, DISA, PIN-781025.
 Email:-basicconsultant@gmail.com
 Regional Office Address
 K. HARBANBARI, KULDEBA,
 JORHAT, ASSAM, PIN-781002
 Email:-basicconsultantreg@gmail.com

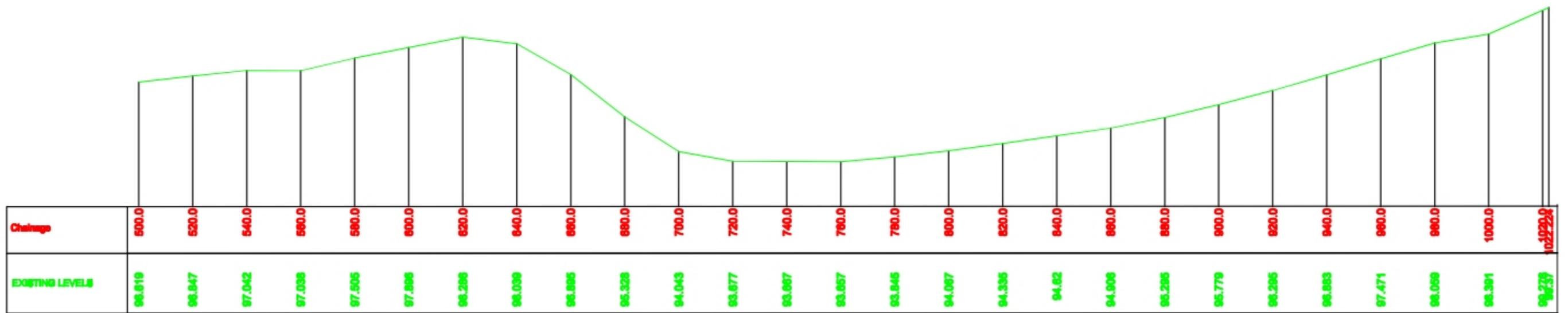
Name of Work:-
Kutuha Beel in Dibrugarh District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

SCALE :- 1:1000

PACKAGE NO: 8

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

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Assam Rural Infrastructure
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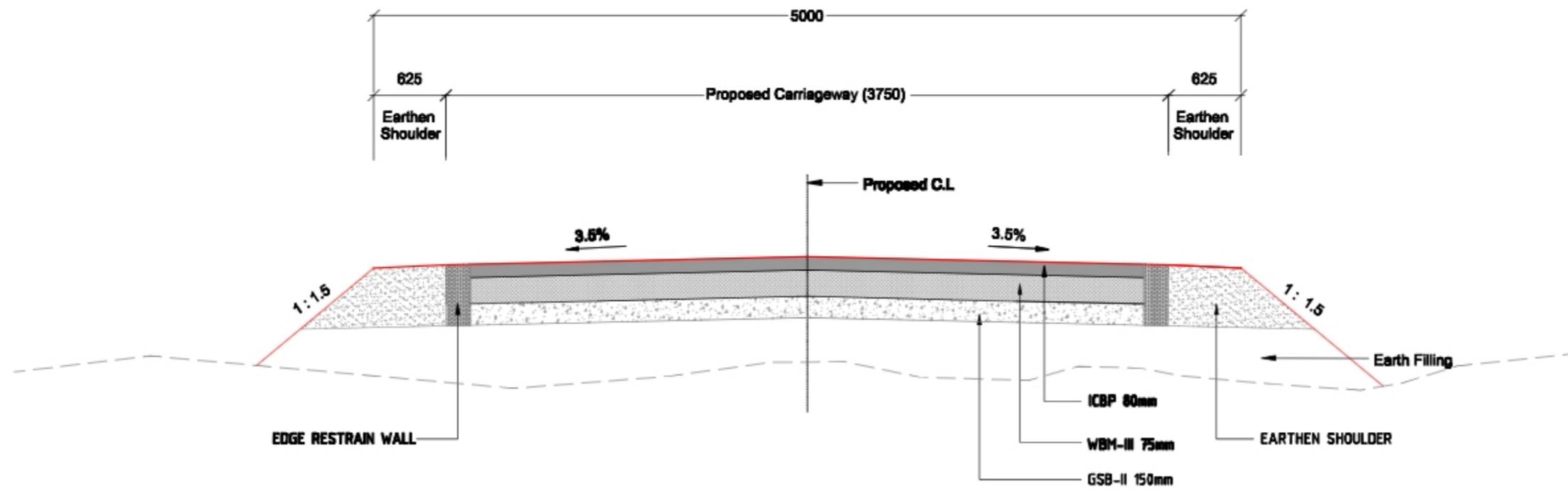
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Charpt office Address
 SURVEY, Agnis PATH, HOUSE NO-42, GOHANATI,
 KAMRUJ BLDG, AGNIS, PIN-781002
 Email:-basicconsultant@gmail.com
 Regd. Office Address
 K. HARBANSAH, KULDEBA,
 JORHAT, ASSAM, PIN-781002
 Email:-basicconsultant@gmail.com

Name of Work:-
Kutuha Beel in Dibrugrah 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(B)

ARIAS Society
GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



TYPICAL CROSS SECTION FOR APPROACH ROAD

Prepared by
BASIC CONSULTANT
 (কোনকোনো কনসাল্ট্যান্ট)
 Concept Office Address
 ১০১/১, পল্লী, হুগলী নগর, কলকাতা,
 ৭০০০১৬, অসম, পিন-৭০০০১৬.
 Email: basicconsultant@gmail.com
 Field Office Address
 ১, বাসুদেব, ব.স.পাড়া,
 শালিখা, জি.১৬, পিন-৭০০০১৬
 Email: basicconsultant@gmail.com

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

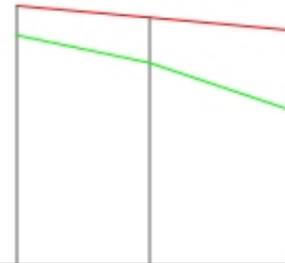
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 Typical Cross Section

NOT TO SCALE

PACKAGE NO: 8

ARIAS Society
 GOVERNMENT OF ASSAM
 Assam Rural Infrastructure
 Agricultural Service Society

DATUM = 100.00 M



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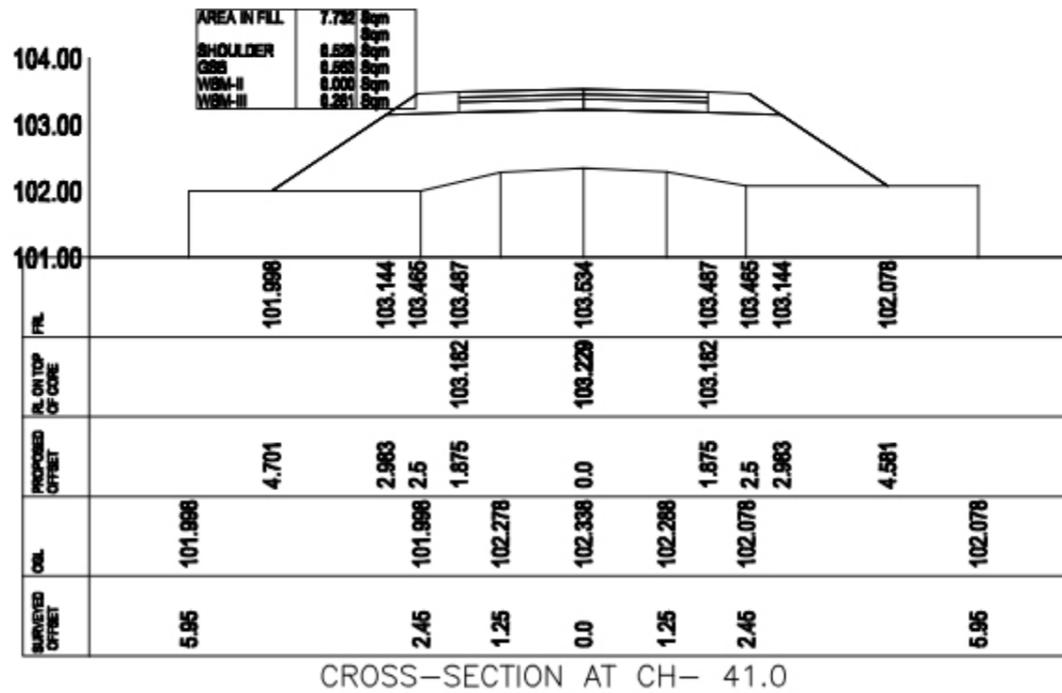
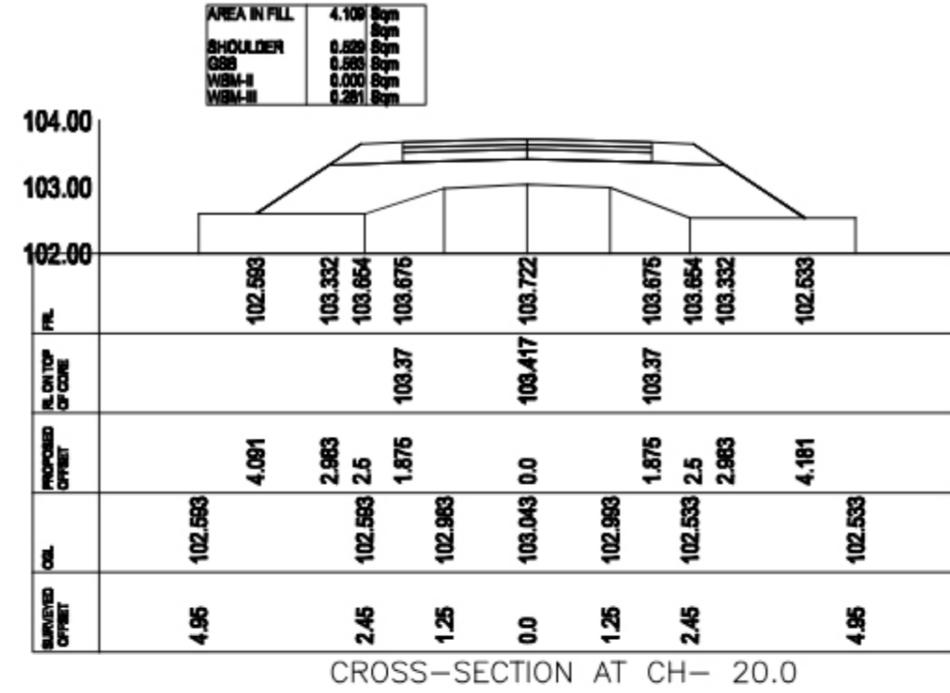
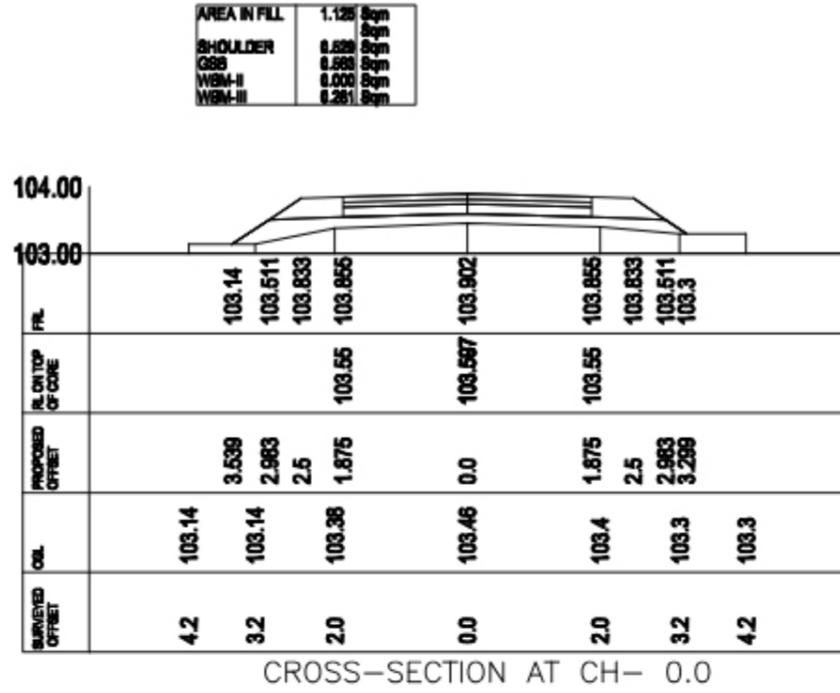
Prepared by
BASIC CONSULTANT
(স্বাধীনতা সড়ক কনসাল্ট্যান্ট)
 Corp. Office Address
 Survey, Agri. Path, House No-67, Guwahati,
 Kamrup Dist, Assam, Pin-781005
 Email: basicconsul@rediffmail.com
 Regd. Office Address
 K. Narayanpur, B.L. Road,
 Nagaon, Assam, Pin-782008
 Email: basicconsulnagaon@gmail.com

Name of Work:-
 Kutuha Beel in Dibrugarh 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
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Agricultural Service Society



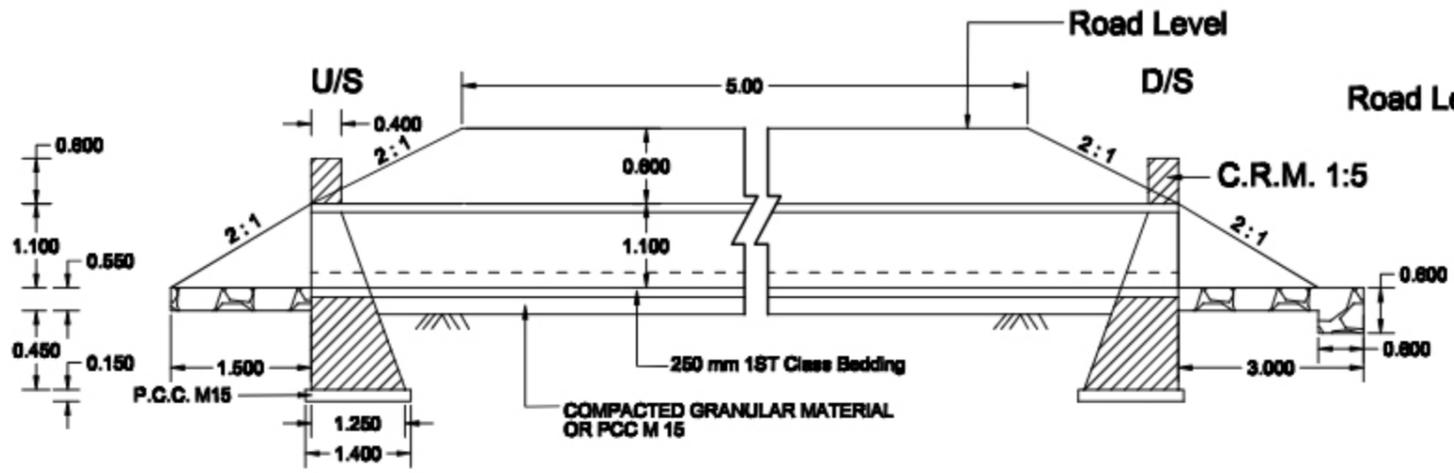
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANTS)
 Concept office Address
 BUREAU, Akshay PATH, HEMBA HOSE, MANAMATI,
 KAMRUPTI, ASSAM, PIN-781001
 Email: basicconsultant@gmail.com
 Head Office Address
 H. HANBANDI, H.O. ROAD,
 RAJHOLI, ASSAM, PIN-781001
 Email: basicconsultant@gmail.com

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

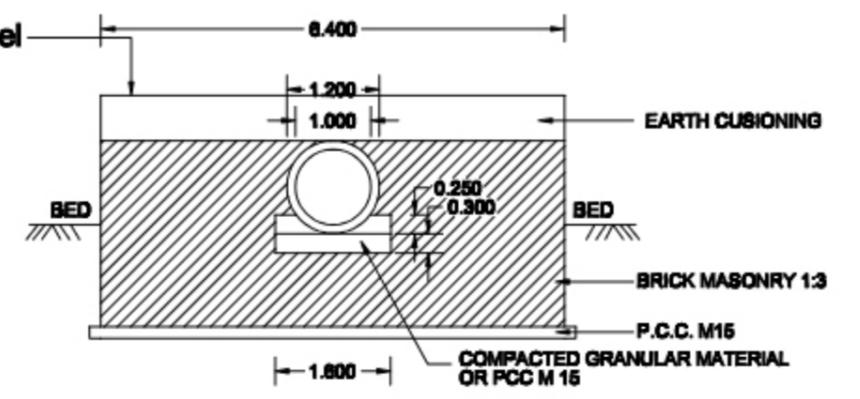
DRAWING :
 CROSS SECTION OF APPROACH ROAD

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

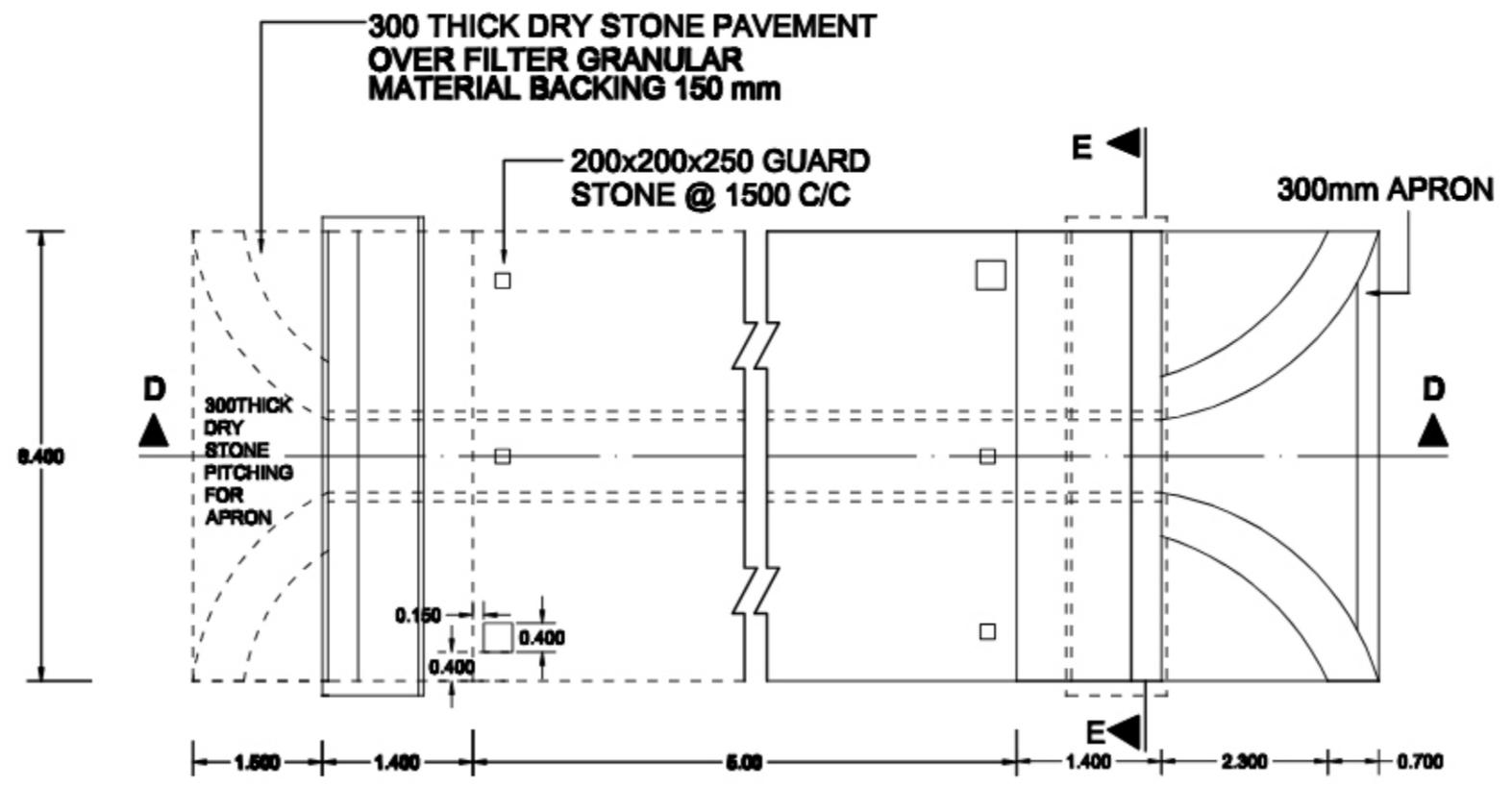
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SECTION AT D - D
1000mm DIA PIPE CULVERT SINGLE ROW



SECTION AT E - E
1000mm DIA. CULVERT



PLAN OF 1000mm DIA SINGLE ROW CULVERT

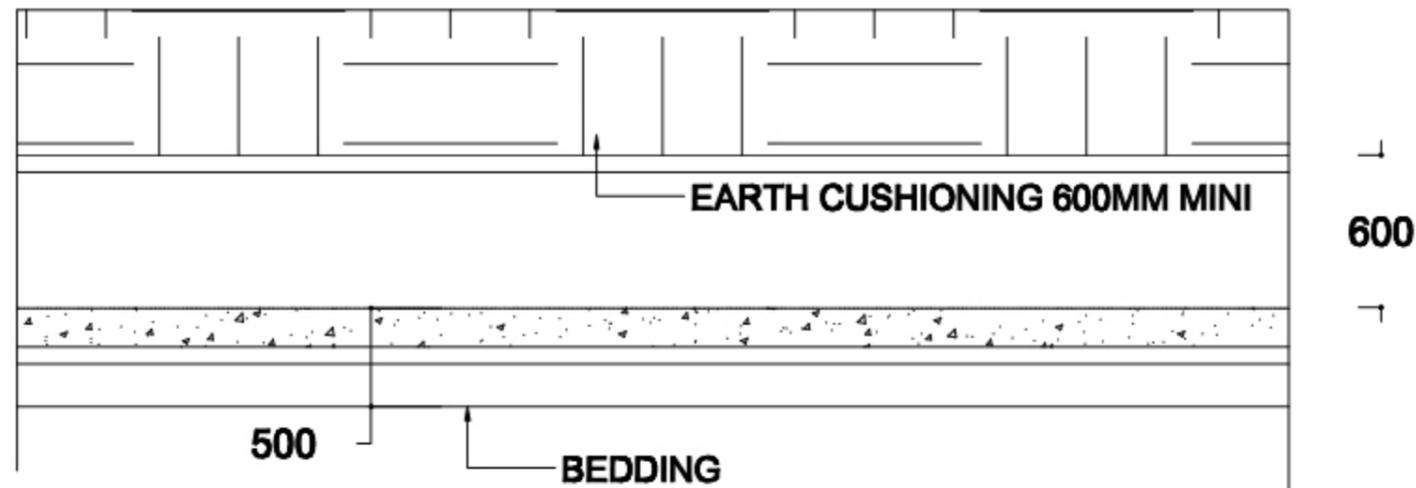
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANTS)
 Charpt office Address
 SURVEY, AGRAH PATH, HOUSE NO-42, GOHANATI,
 KAMRUJ D/O, AGRAH, PIN-781002.
 Email:-basicconsultant@gmail.com
 Regd. Office Address
 N. HARBARI, KILDEGA,
 JORHAT, ASSAM, PIN-781002
 Email:-basicconsultant@gmail.com

DRAWING :
 GENERAL ARRANGEMENT OF PIPE
 CULVERT, 1000MM DIA

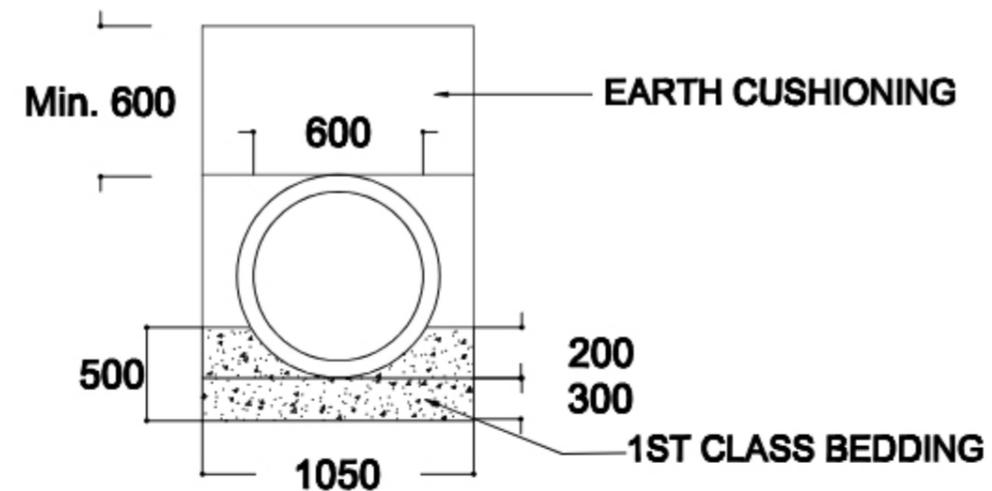
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LONGITUDINAL SECTION OF HUME PIPE CULVERT



CROSS SECTION OF HUME PIPE CULVERT



PLAN OF HUME PIPE CULVERT

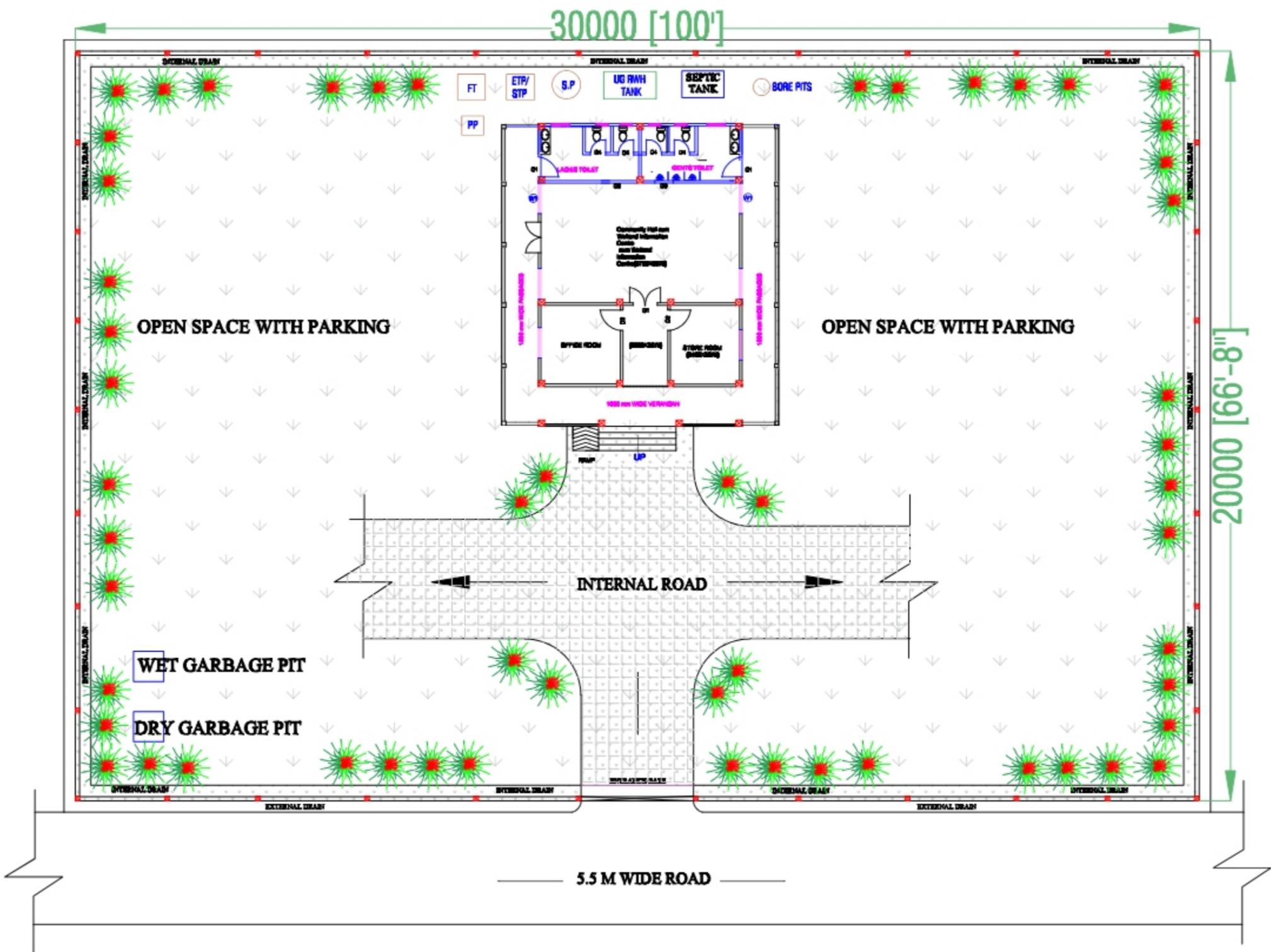
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BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Charpt office Address
 SURVEY, AGRAH PATH, HOUSE NO-42, GOWANATI,
 KAMRUPT BIZ, JORHAT, PIN-781002.
 Email:-basicconsultant@gmail.com
 Regd. Office Address
 N. HARBARDI, KULDEBA,
 JORHAT, ASSAM, PIN-781002
 Email:-basicconsultant@gmail.com

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

DRAWING No. :
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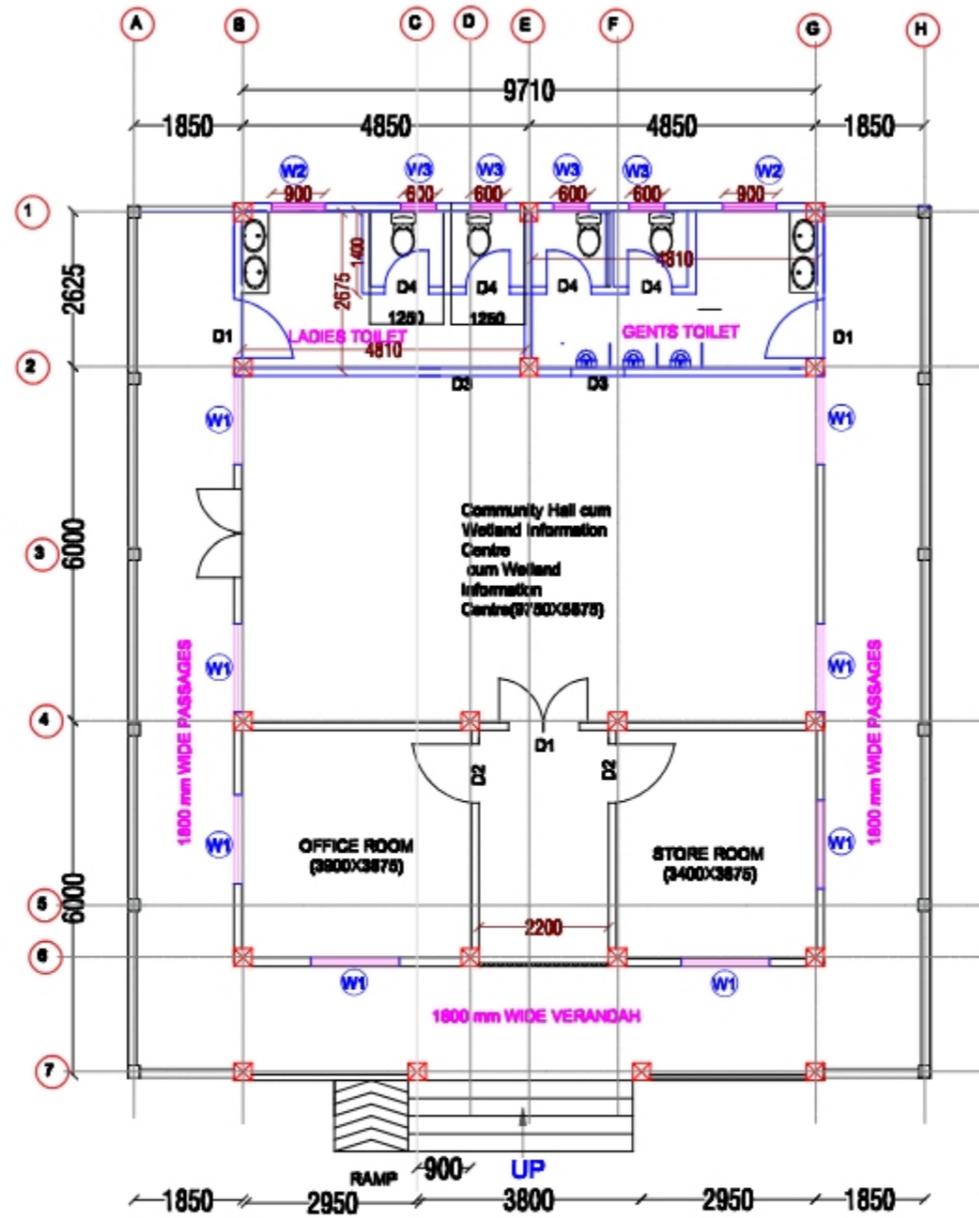
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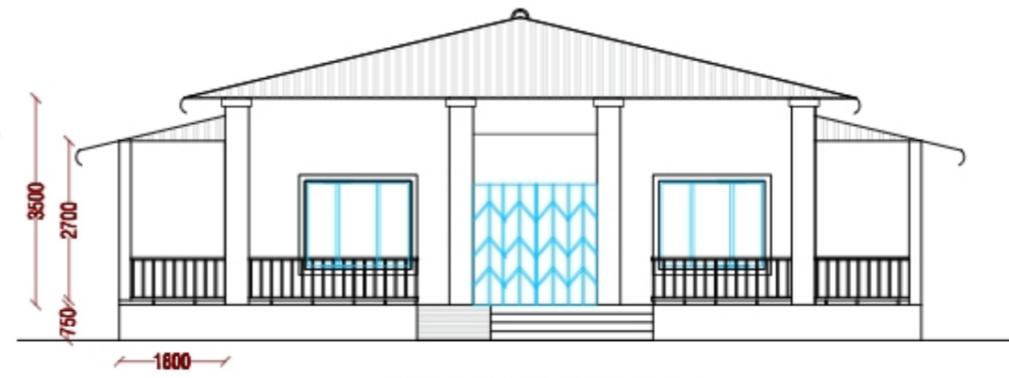


SITE PLAN

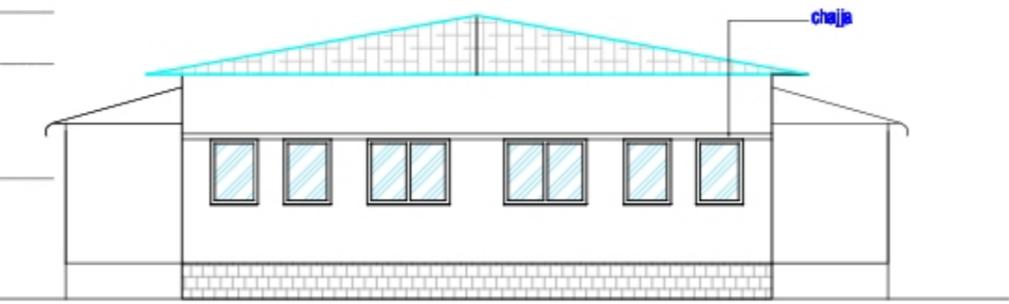
<p>Prepared by BASIC CONSULTANT <small>(স্বাধীনতা সড়ক, গুৱাহাটী)</small> <small>Corporate Office Address:</small> <small>১০১/১০২, পল্লী বাজার, গুৱাহাটী, অসম, পিন-৭৮১০০১</small> <small>email: basicconsultant@gmail.com</small> <small>Regd. Office Address:</small> <small>N. H. B. Road, Guwahati, Assam, Pin-781005</small> <small>email: basicconsultant@gmail.com</small></p>	<p>DRAWING : SITE PLAN</p> <p>PROJECT TITLE: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project</p>	<p>DRAWING No. : ASSAM/SWIFT/GR-08/SD/04(A)</p> <p>DRAWING CONTENTS: Community Hall cum Wetland Information</p>	<p>NOT TO SCALE</p>	<p>ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure Agricultural Service Society</p>
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FLOOR PLAN

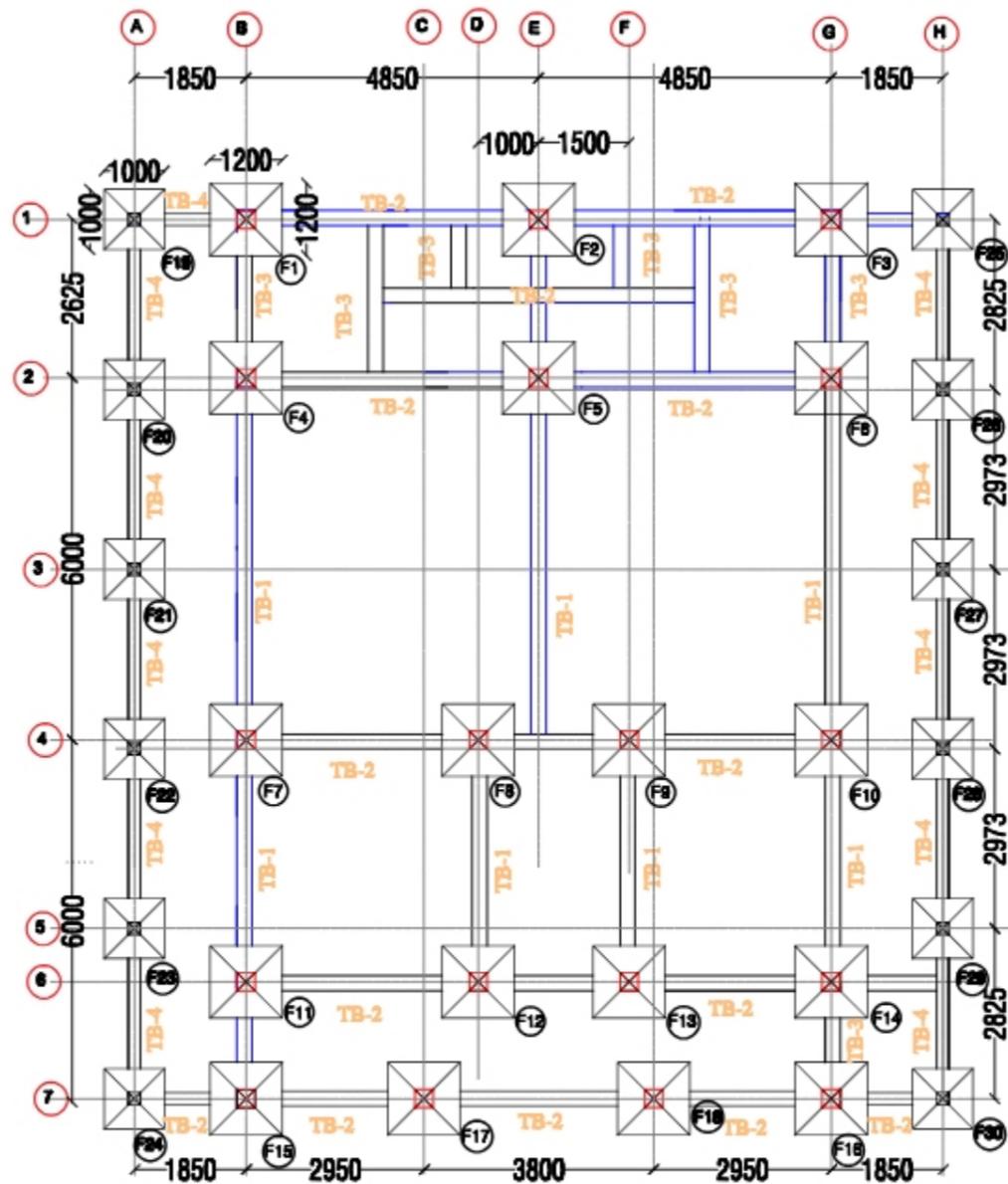


FRONT ELEVATION

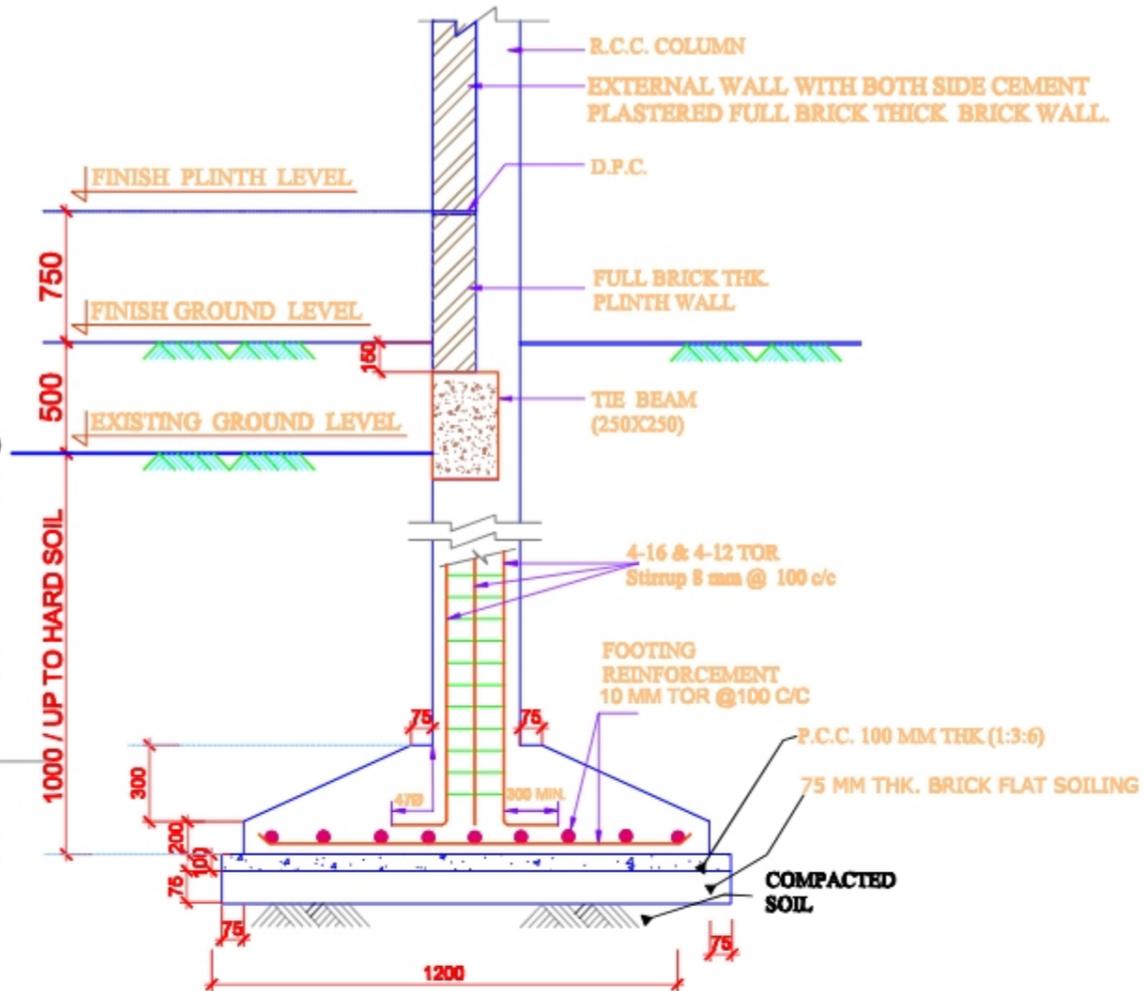


BACK VIEW

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



LAYOUT OF FOOTING & PLINTH BEAM



TYPICAL DETAILS OF FOUNDATION

Schedule of Beam, Column & Footing Reinforcement			
Sl. No.	Items	Size in mm	Reinforcement Details
1	Footing (F-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)
Current office Address
SERVITY, A/101 PATH, HOUSE NO-07, GURUNATH,
KAMRUP PJ, ASSAM, PIN-781002.
email: basicconsultant@gmail.com
Road Office Address
16, RAJESWARAN, N.B. ROAD,
KARSAKI, ASSAM, PIN-781002
email: basicconsultant@gmail.com

DRAWING :
LAYOUT OF FOOTING & PLINTH BEAM

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

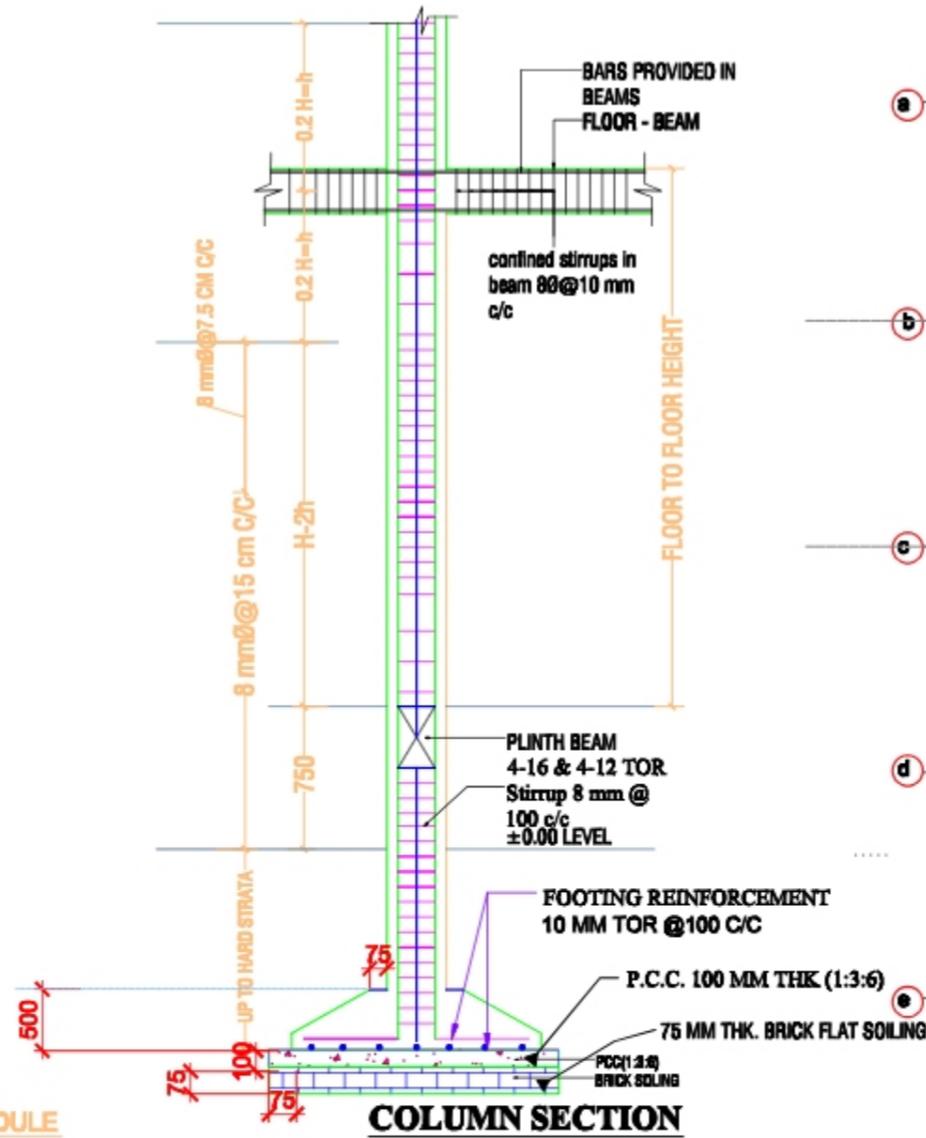
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DRAWING CONTENTS: Community Hall cum
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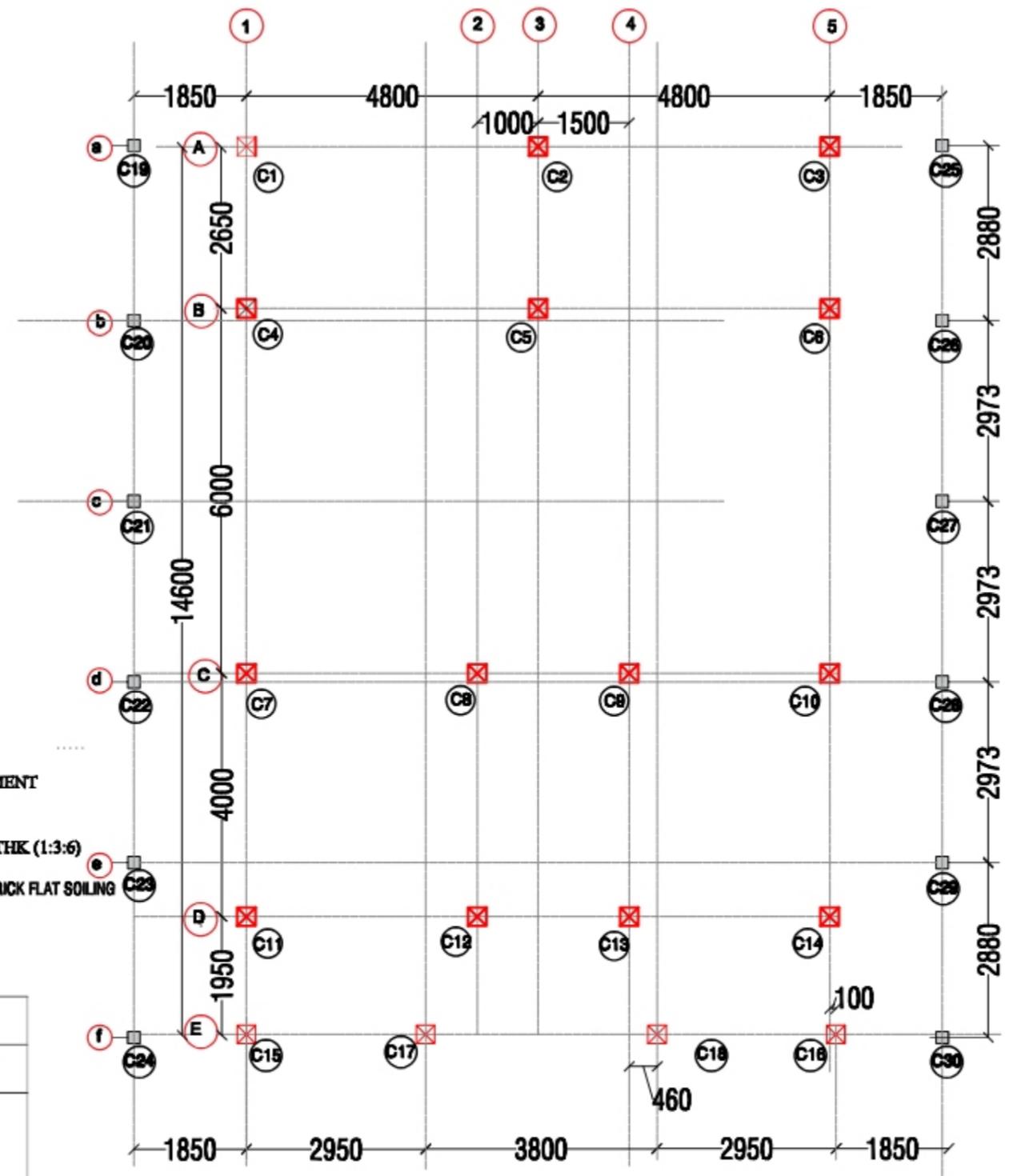
COLUMN SECTION
NOTE : FLOOR LEVELS AS PER ARCH. DRAWING



COLUMN SECTION

COLUMN SCHEDULE

		TYPE A				
		COLUMN SIZE	COLUMN TYPE	SPECIFICATION	BAR SIZE	TIES
GROUND TO RIDGE COLUMN DETAIL	ARRANGE MENT OF LINKS	300X300			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			A-12 MM	



COLUMN LAYOUT

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Copycat office Address
 BRIDGEY, Assam PVTI, HOUSE NO-67, GUWAHATI,
 KAMRUP-DIST, ASSAM, PIN-781001.
 email: basicconsultant@gmail.com
 Regd. Office Address
 B. BANSAWARI, H.B. ROAD,
 NAGBON, ASSAM, PIN-782002
 email: basicconsultant2@gmail.com

DRAWING :
 LAYOUT OF COLUMN

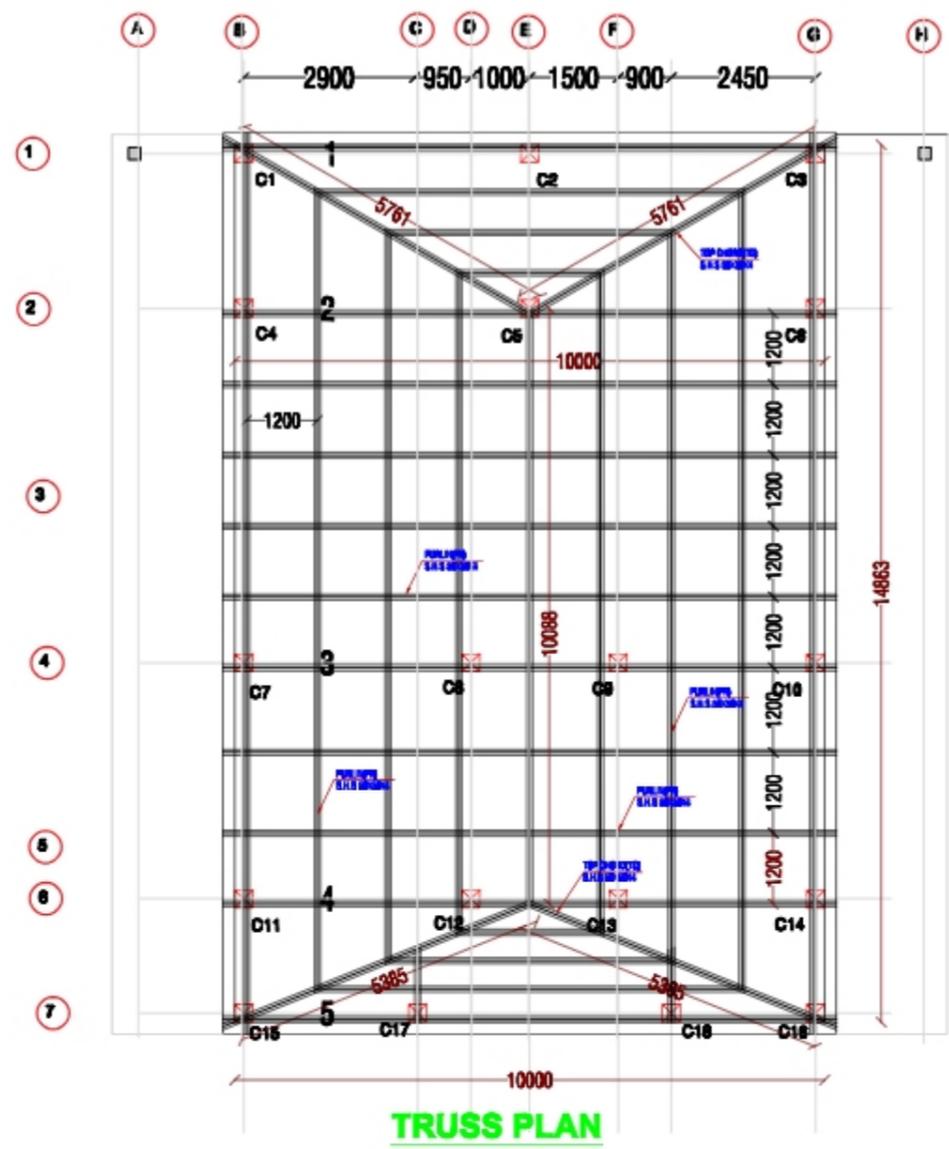
PROJECT TITLE:
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DRAWING No. :
 ASSAM/SWIFT/GR-08/SD/04(D)

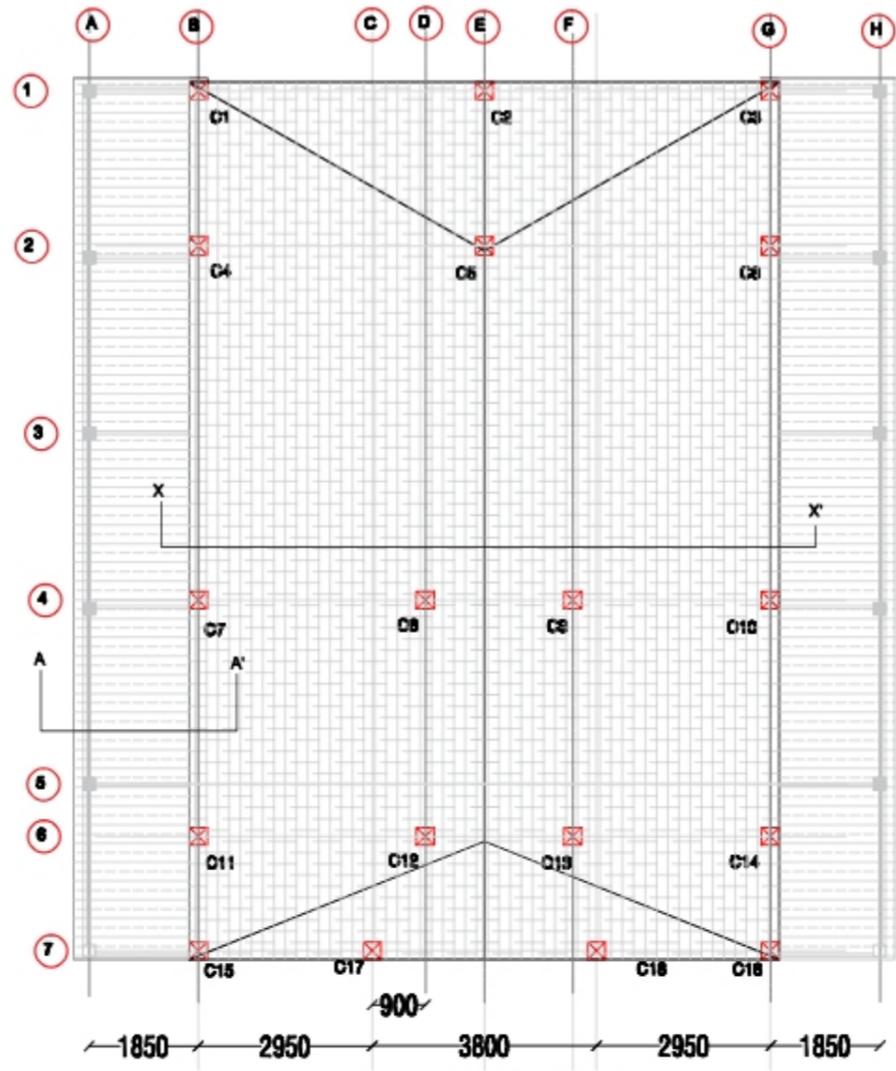
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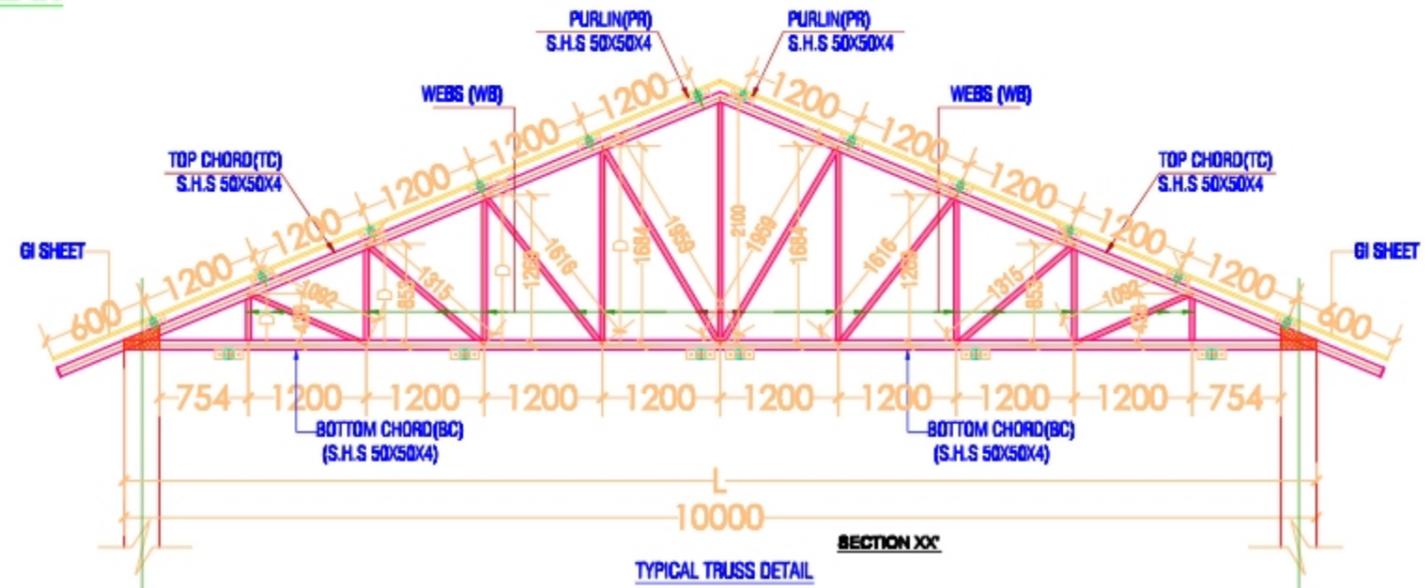
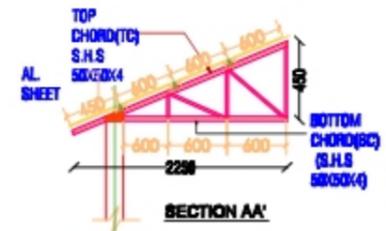
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GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



TRUSS PLAN



ROOF PLAN



TYPICAL TRUSS DETAIL

Prepared by
BASIC CONSULTANT
 (কোচবিহার জেলা পরিষদ অফিস ভবন)
 District Office Address
 KAMRUP (Co. Rd) Bldg, PO-791002
 email- basicconsultant@gmail.com
 Regd. Office Address
 K. BANARJAN, N.B. ROAD,
 KARAIJIGI, ASSAM, PIN-781008
 email- basicconsultant@gmail.com

DRAWING :
 LAYOUT & DETAILS OF TRUSS

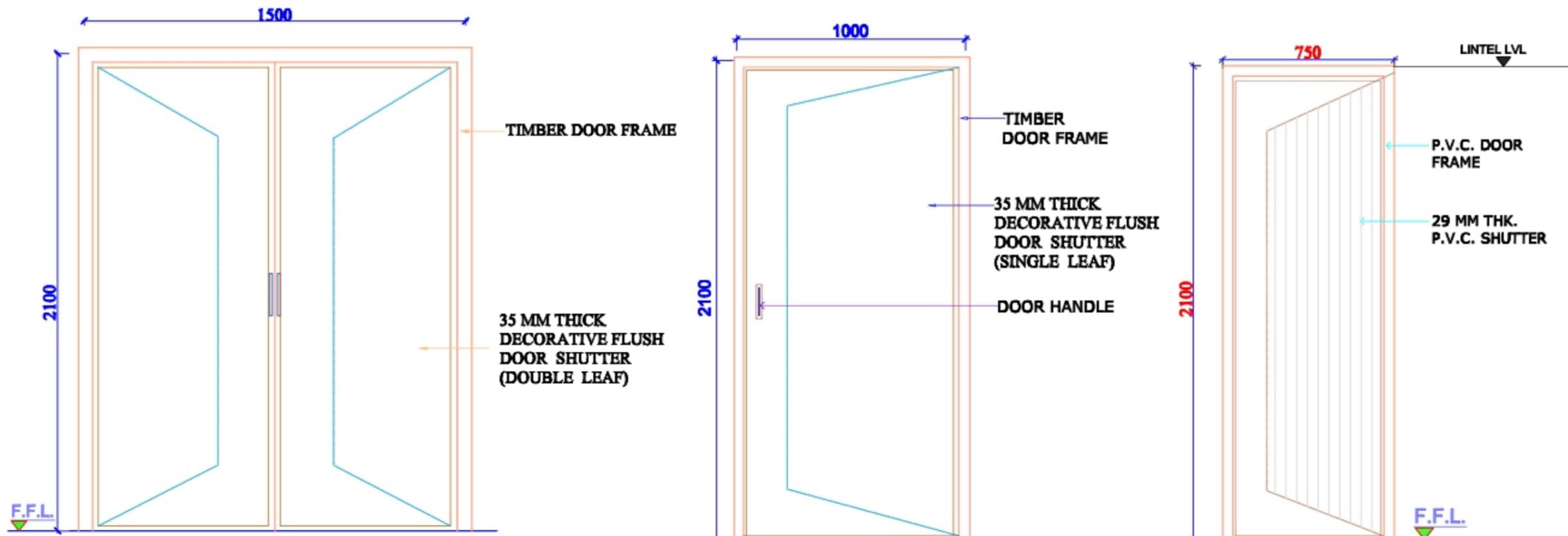
PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

DRAWING CONTENTS: Community Hall cum Wetland Information Centre

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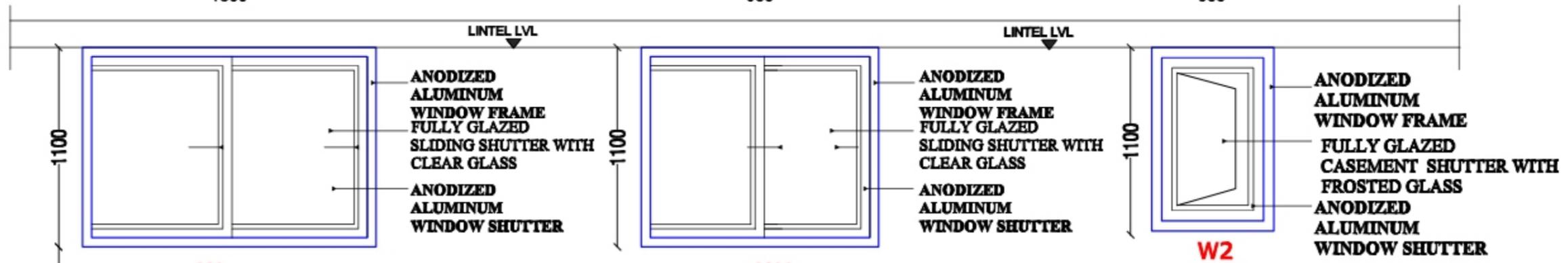
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Agricultural Service Society



D1

D1

D2



W

W1

W2

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

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SERVEY, Agm. PATH, HOUSE NO-02, BANWATI,
 KAMRUP P.O. ASSAM, PIN-781001.
 email: basicconsultant@gmail.com
 Regd. Office Address
 N. BANWATI, N.S. ROAD,
 NAGBHI, ASSAM, PIN-781001
 email: basicconsultant@gmail.com

DRAWING :
 DETAIL & SCHEDULE OF DOORS & WINDOWS

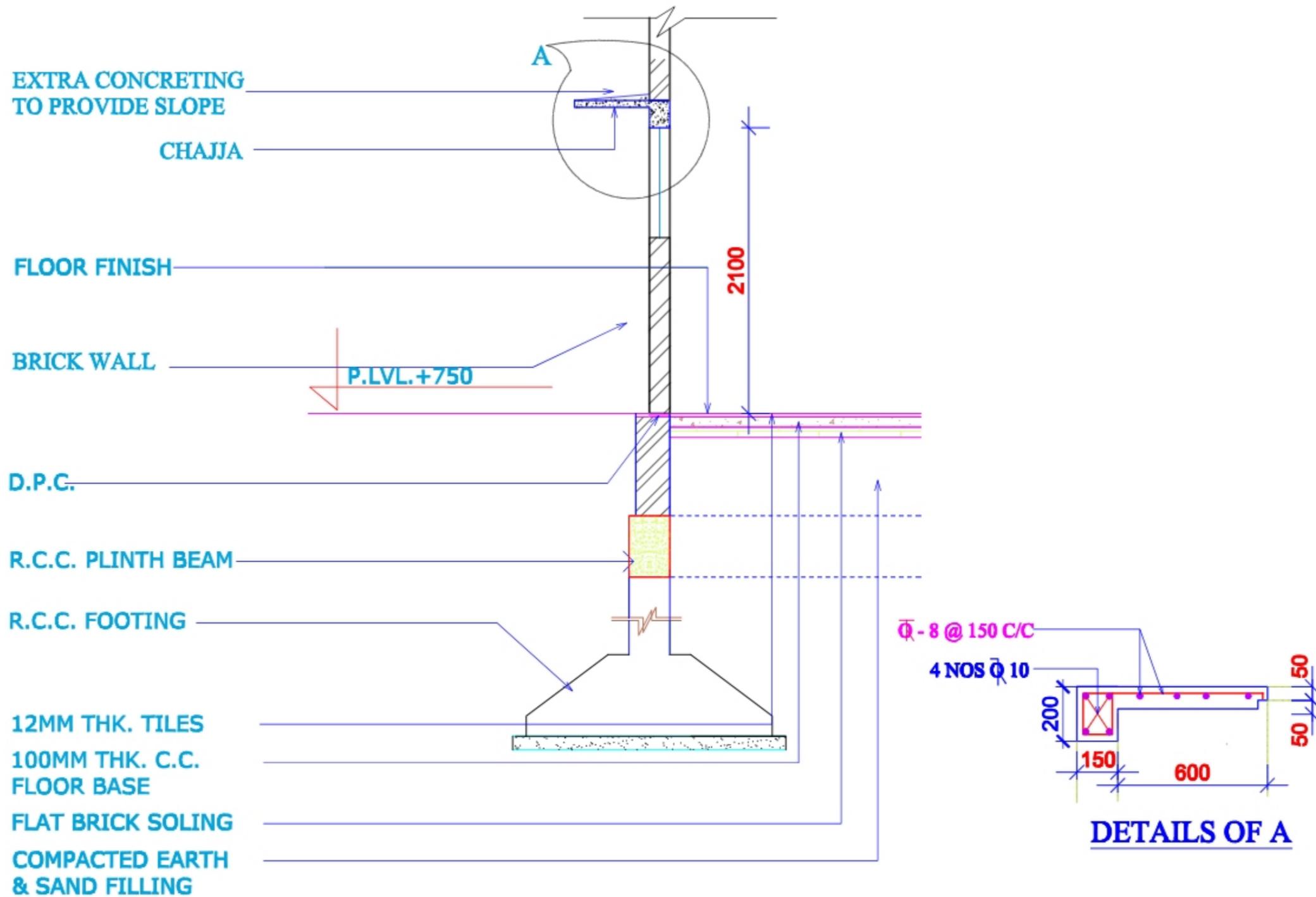
PROJECT TITLE:
 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

DRAWING No. :
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DRAWING CONTENTS: Community Hall cum Wetland Information Centre

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

Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corporate Office Address
BIRDEVI, Agaria PATH, HOUSE NO-02, BUNHAKTI,
KAMRUP (M), ASSAM, PIN-781001.
email: basicconsultant@gmail.com
Head Office Address
B. BANSHIBARI, H. GURDAS,
NAGBHI, ASSAM, PIN-782002
email: basicconsultant@gmail.com

DRAWING :
CHAJJA DETAILS

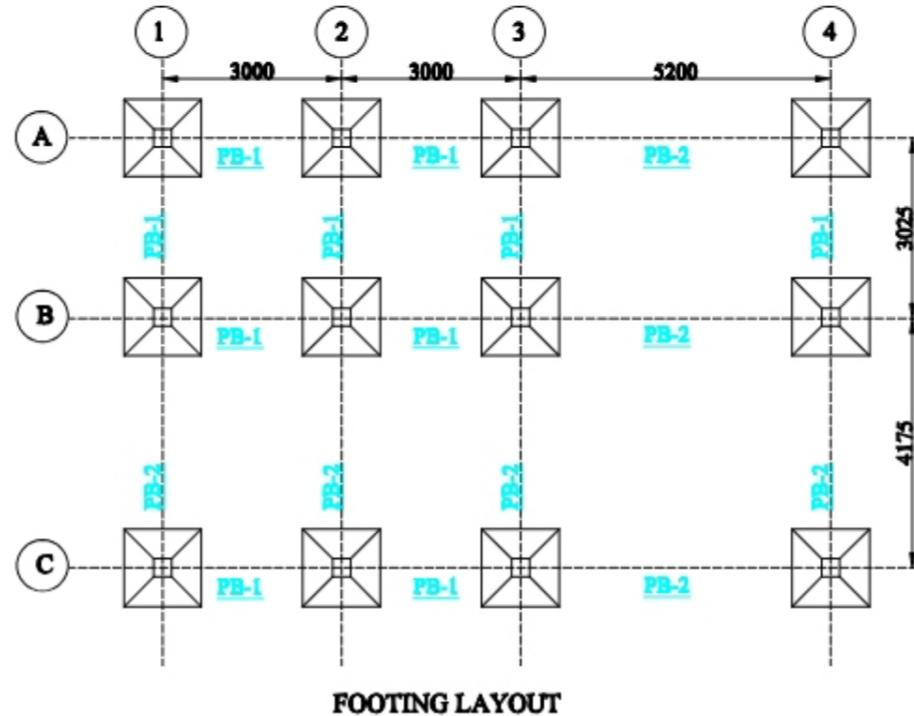
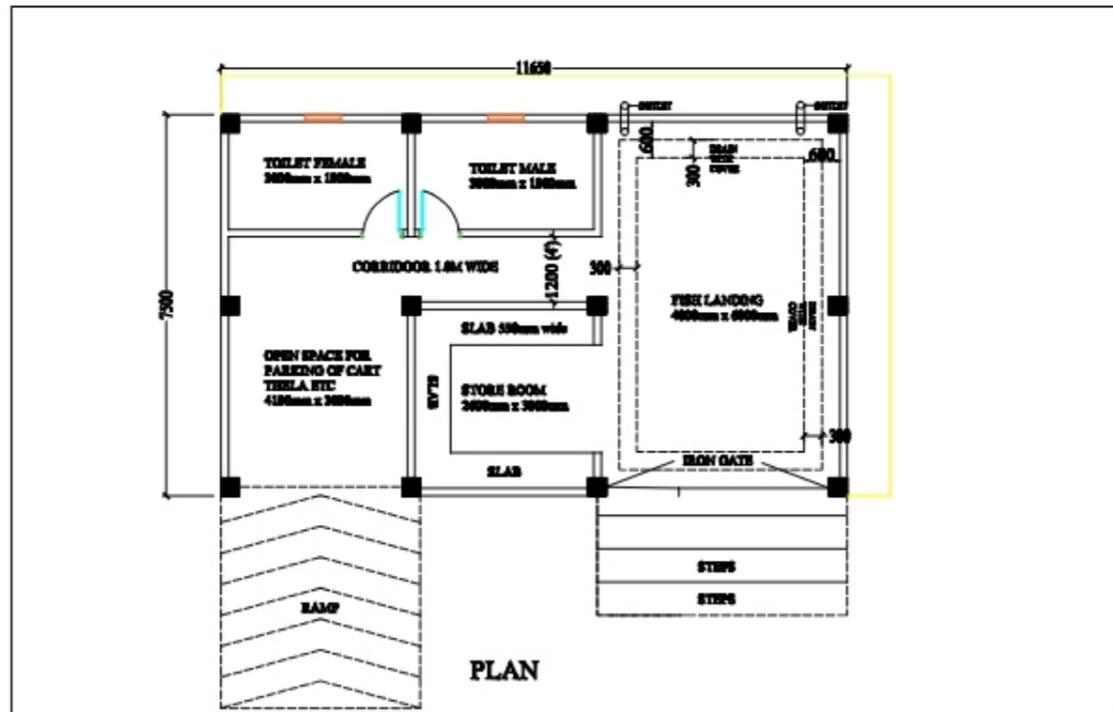
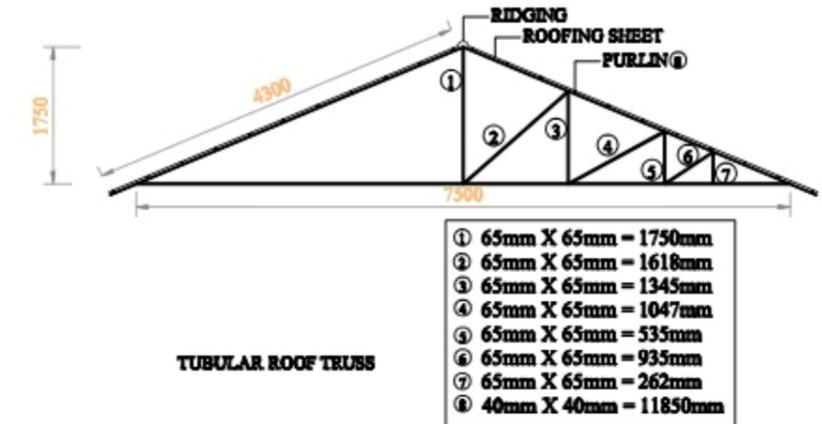
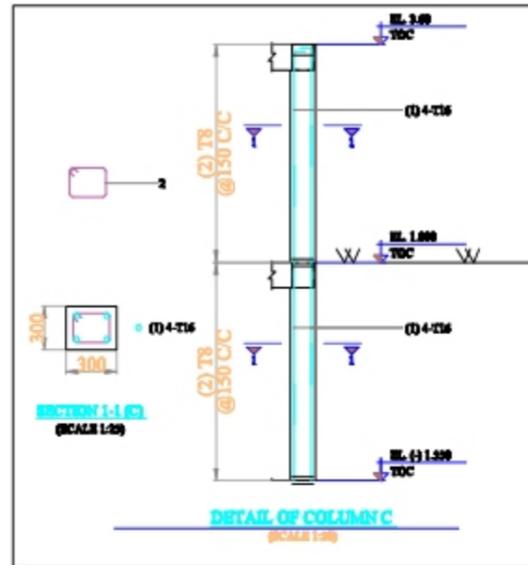
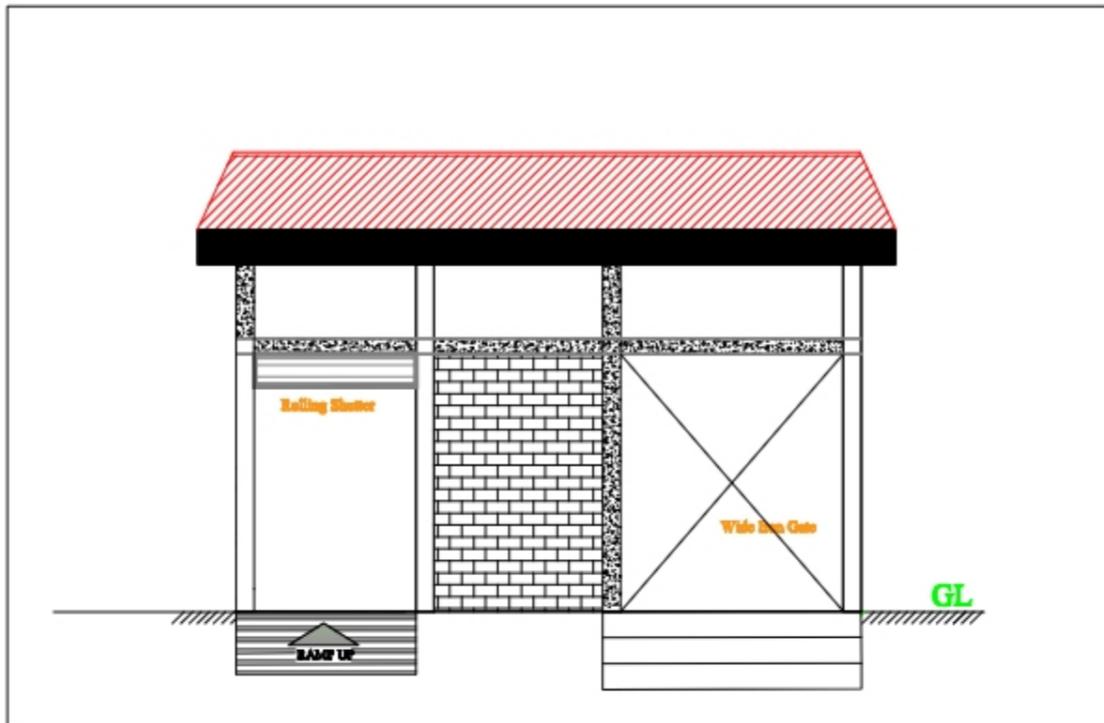
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NOTE:

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

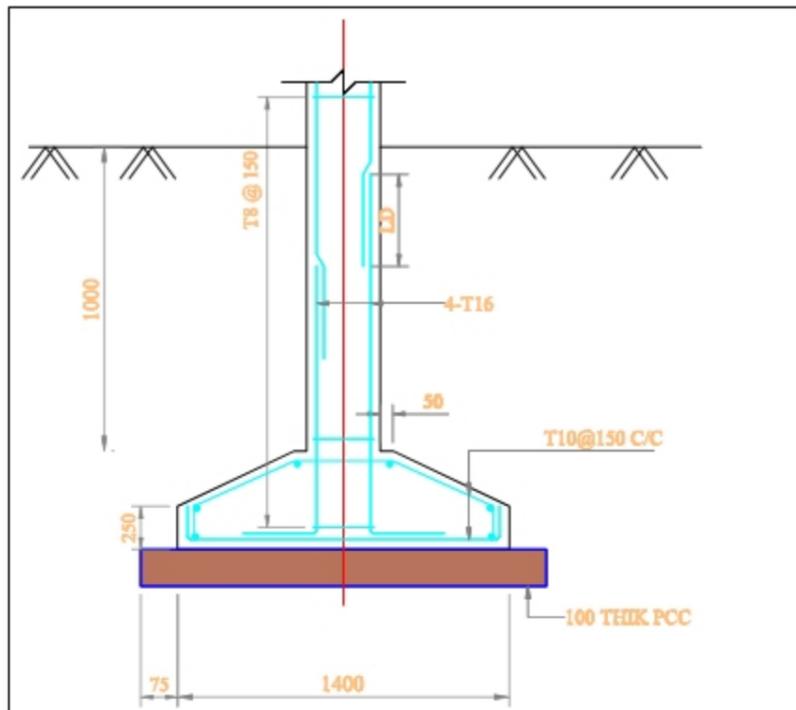
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANTS)
 Corporate Office Address
 BIRSA, A/10, PATH, HOUSE NO-87, MIRSAHAT,
 KAMRUP DIST, ASSAM, PIN-781001.
 email: basicconsultant@gmail.com
 Head Office Address
 H. HARBANDI, H. LINDAG,
 NAGBARI, ASSAM, PIN-781001
 email: basicconsultant@gmail.com

DRAWING :
 PLAN, ELEVATION & CS OF FISH
 LANDING CENTRE

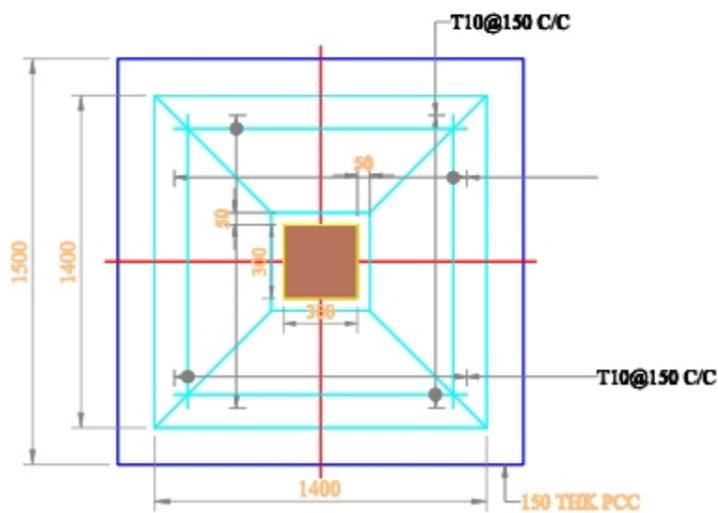
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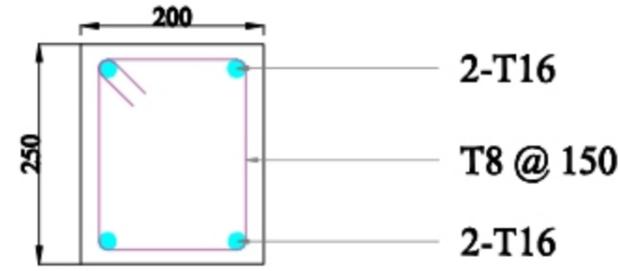
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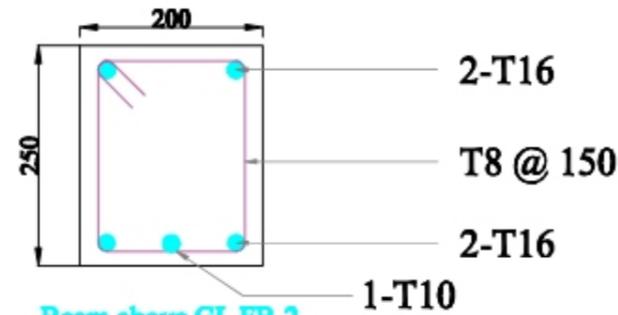
**SECTION 1-1
DETAIL OF FOOTING**



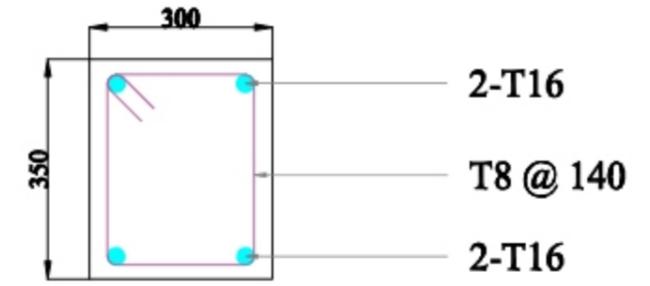
FOOTING - PLAN



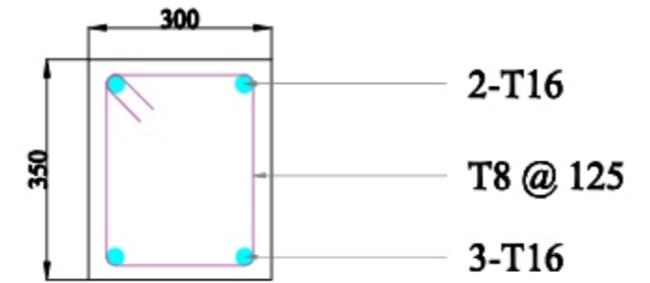
Beam above GL, FB-1



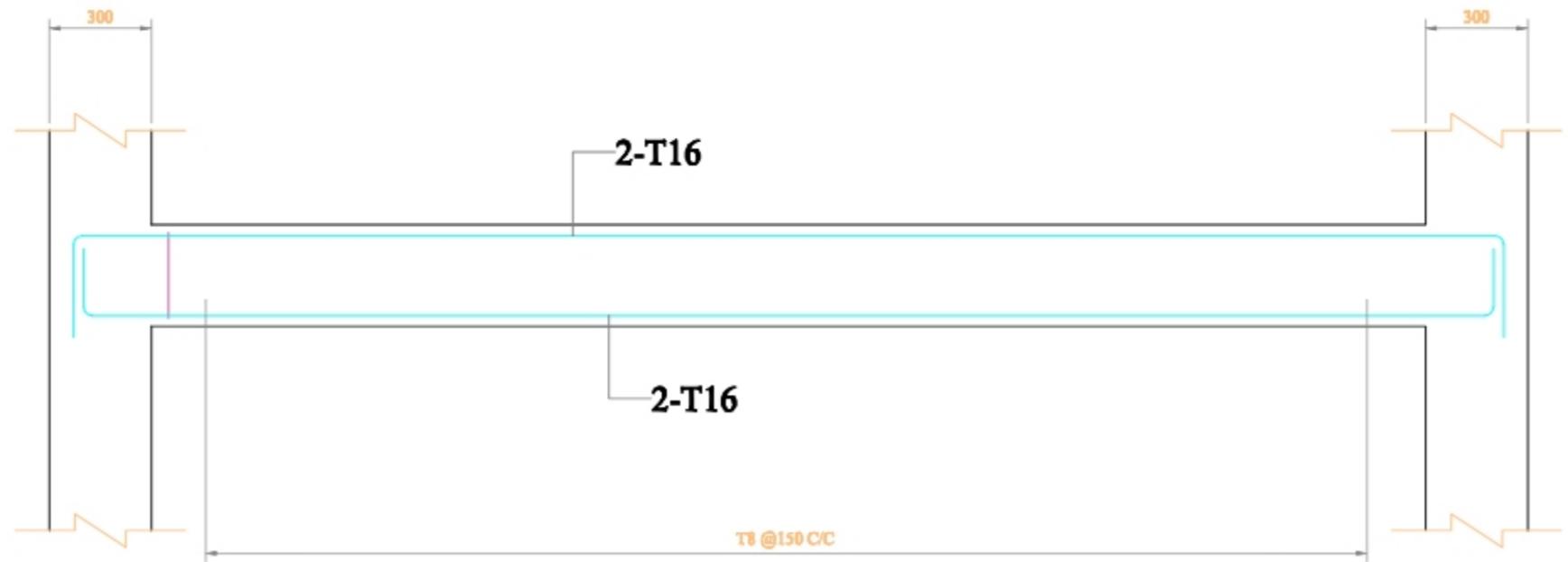
Beam above GL, FB-2



Plinth Beam Section PB-1



Plinth Beam Section PB-2



BEAM:300x350

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

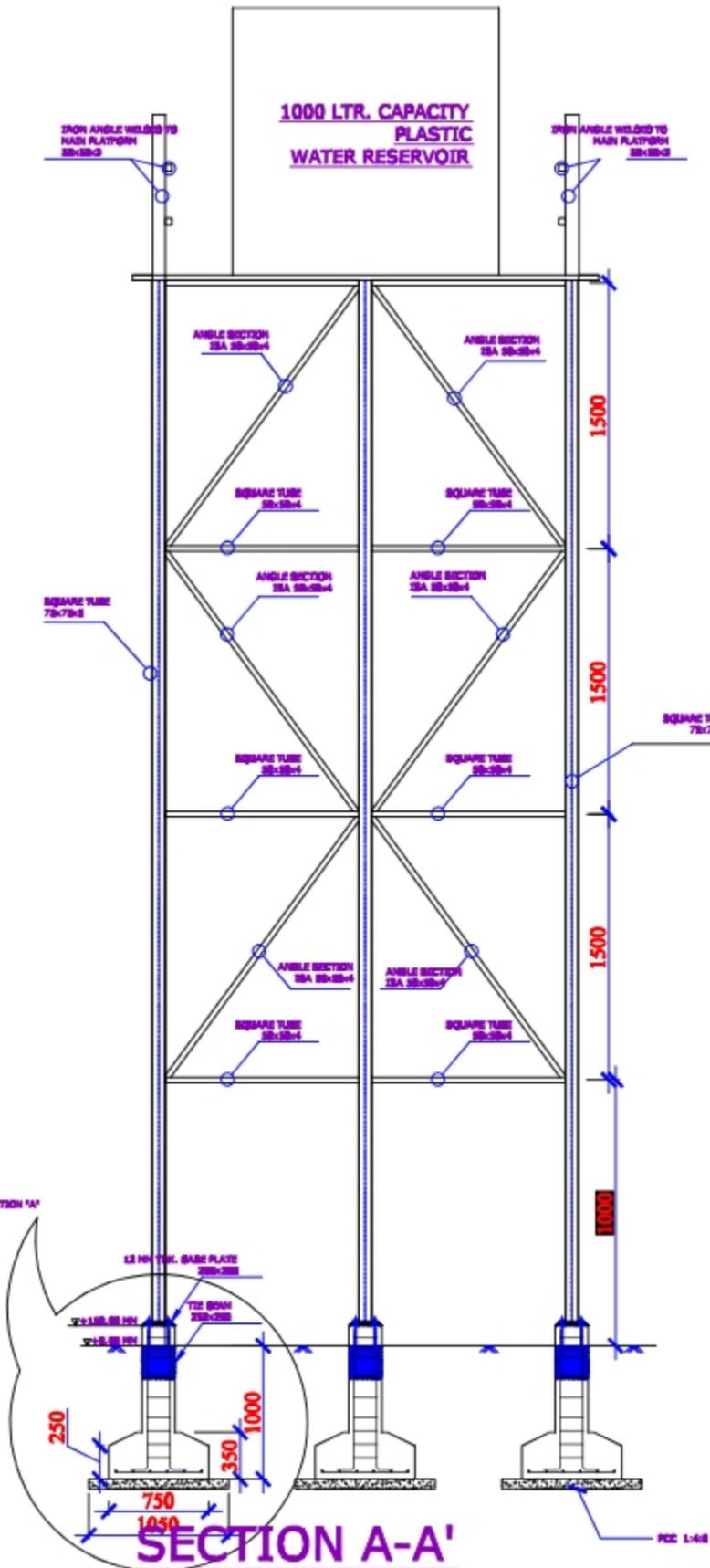
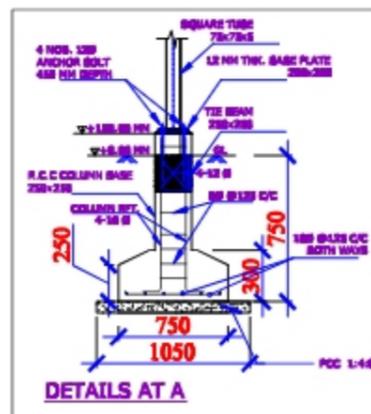
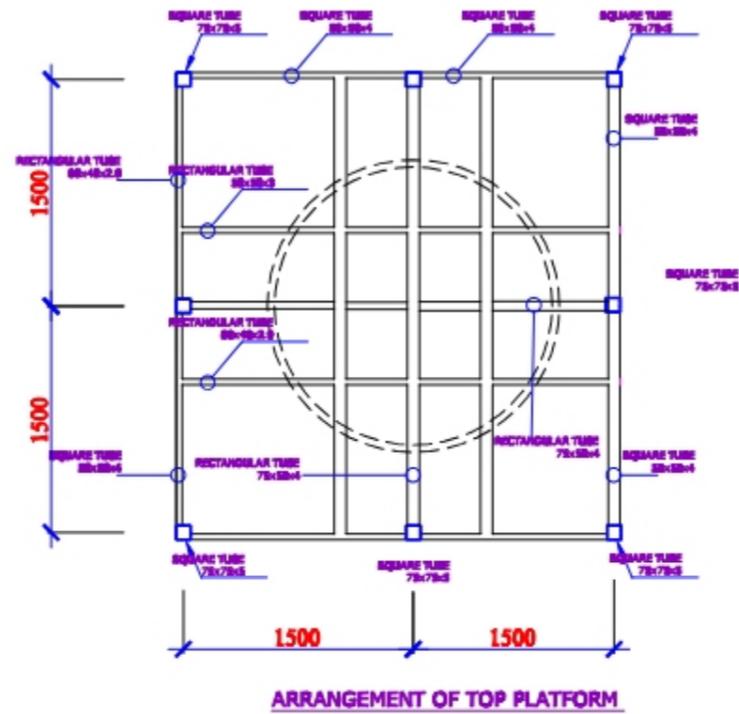
Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Consulting Address
SURVEY, AGRA PATA, HOUSE NO-01, SONARATI,
KAMRUP (M), ASSAM, PIN-781018.
email: basicconsultant@gmail.com
Road Office Address
N. HARBARIACH, S.E. ROAD,
NAGBON, AGRA, PIN-781018
email: basicconsultant@gmail.com

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

DRAWING No. :
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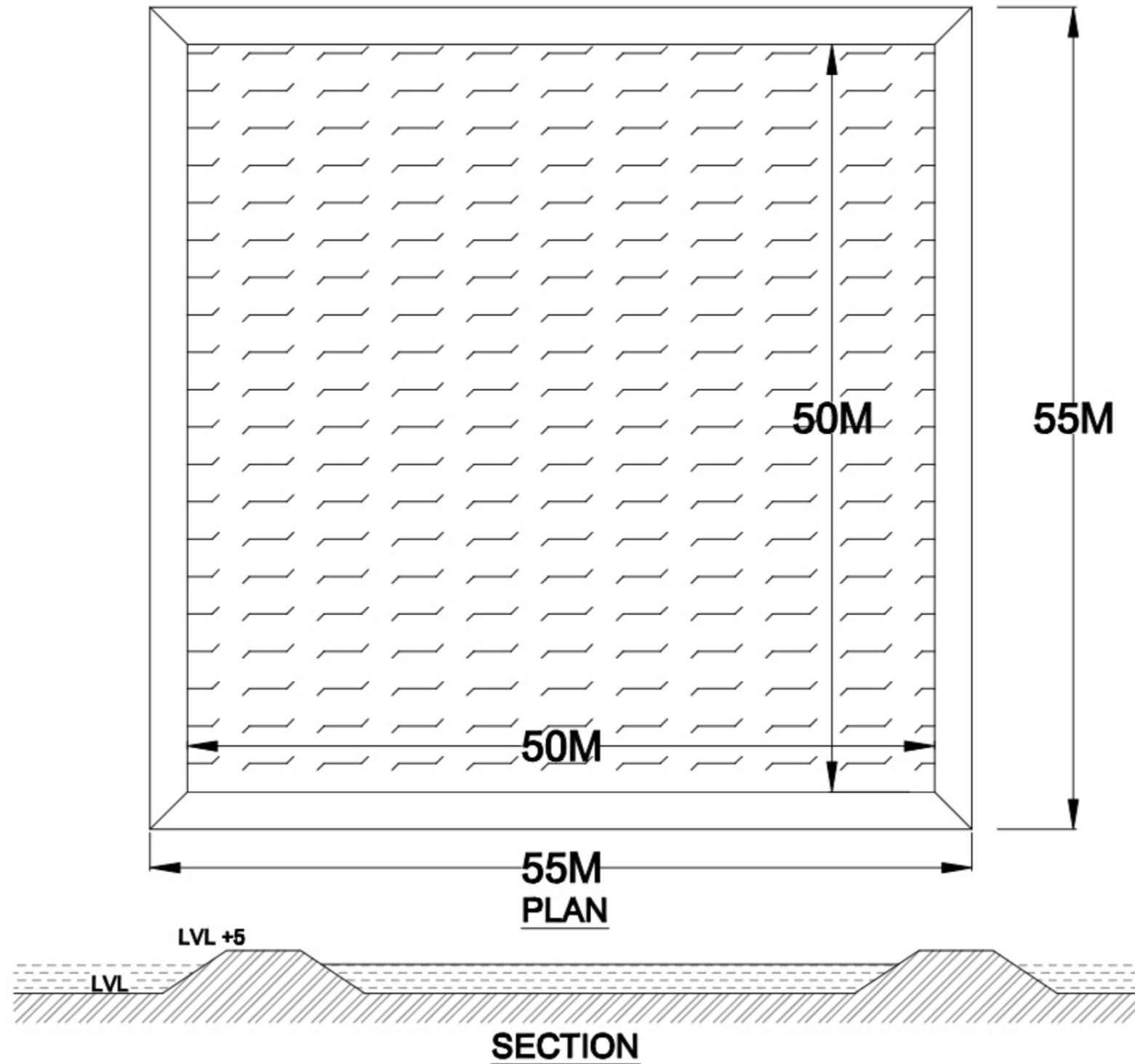
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- NOTES :-**
1. ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE MENTIONED.
 2. MINIMUM GRADE OF CONCRETE TO BE USED M20
 3. MINIMUM GRADE OF REINFORCEMENT TO BE USED Fe 500
 4. CLEAR COVER TO OUTER MOST REINFORCEMENT SHALL BE AS UNDER:-
FOR FOOTING : 50mm.
FOR TIE BEAM : 40mm

TYPICAL PLAN & SECTION OF REARING TANK



BASIC CONSULTANT

(ENGINEERING CONSULTANT)

Current office Address
BURNLEY, Assam ROAD, HOUSE NO-87, BANAHATI,
KAMRUP (P), ASSAM, PIN-781002.
Email: basicconsultant@yahoo@gmail.com

Regional Office Address
K. BARABANSHI, S.S. ROAD,
TUDIGHI, ASSAM, PIN-782002
Email: barabanshi1979@gmail.com

DRAWING :

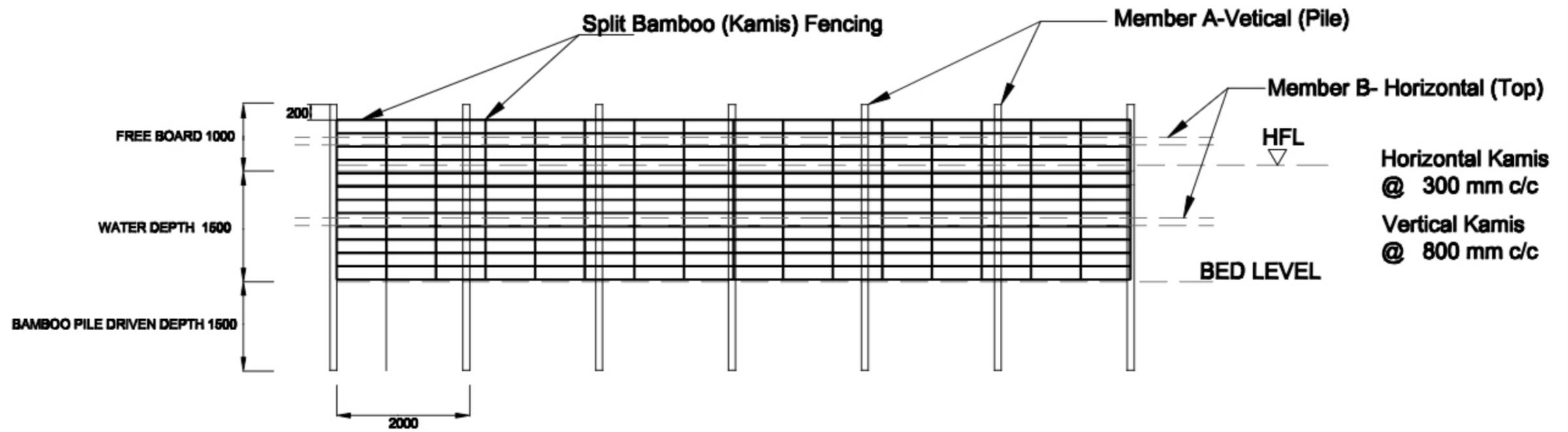
PLAN & TYP. CS OF REARING TANK

DRAWING No. :

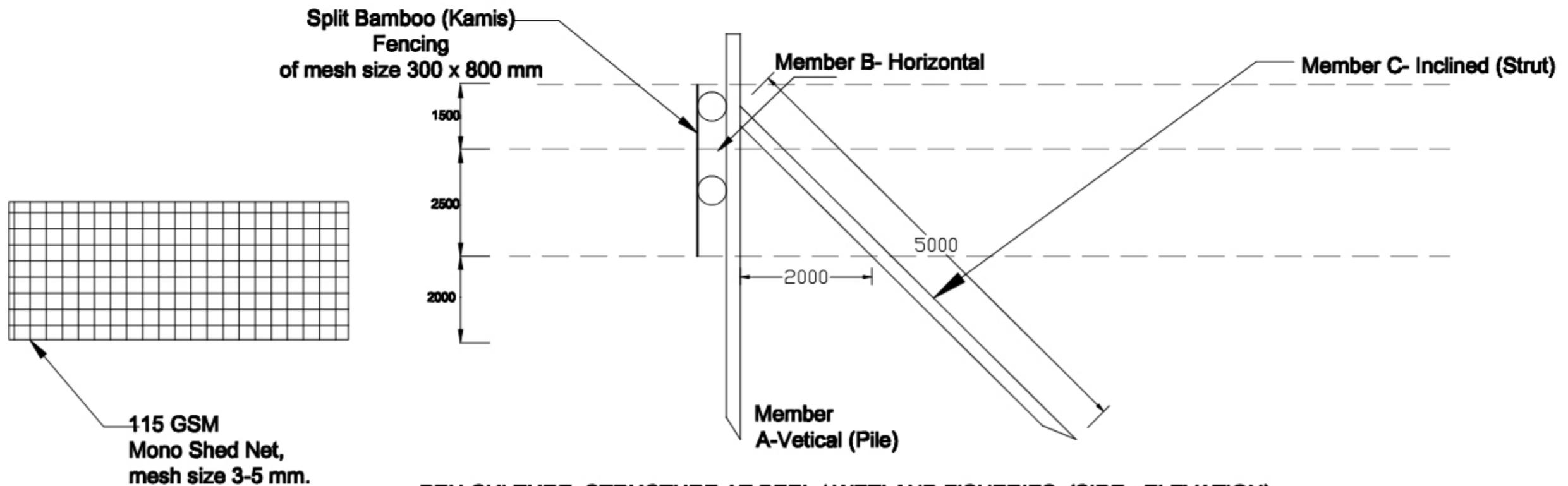
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Assam Rural Infrastructure
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PEN CULTURE STRUCTURE AT BEEL / WETLAND FISHERIES. (FRONT - ELEVATION)



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

BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corporate Office Address
SURVEY, AGRAH PATH, HOUSE NO-42, GOHANATI,
KAMRUPI DIST, ASSAM, PIN-781022.
Email:- basicconsultant@gmail.com
Regional Office Address
K. HARBANBARI, KULDEBAH,
JURBAH, ASSAM, PIN-782222
Email:- basicconsultantreg@gmail.com

DRAWING :

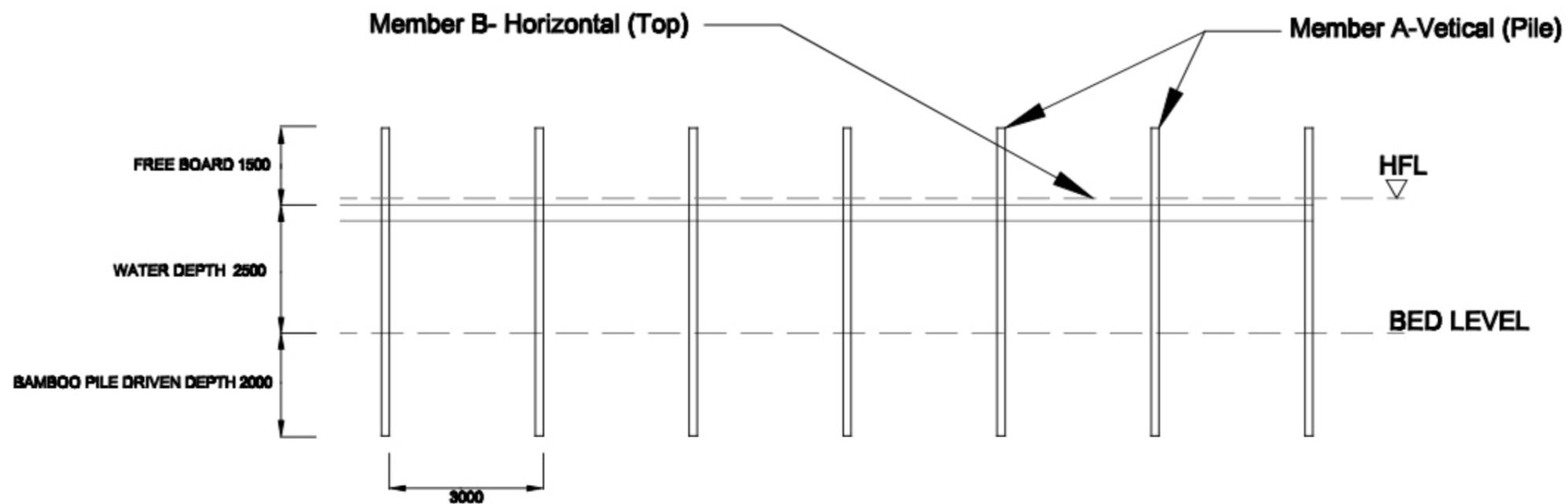
GENERAL ARRANGEMNT OF PEN CULTURE

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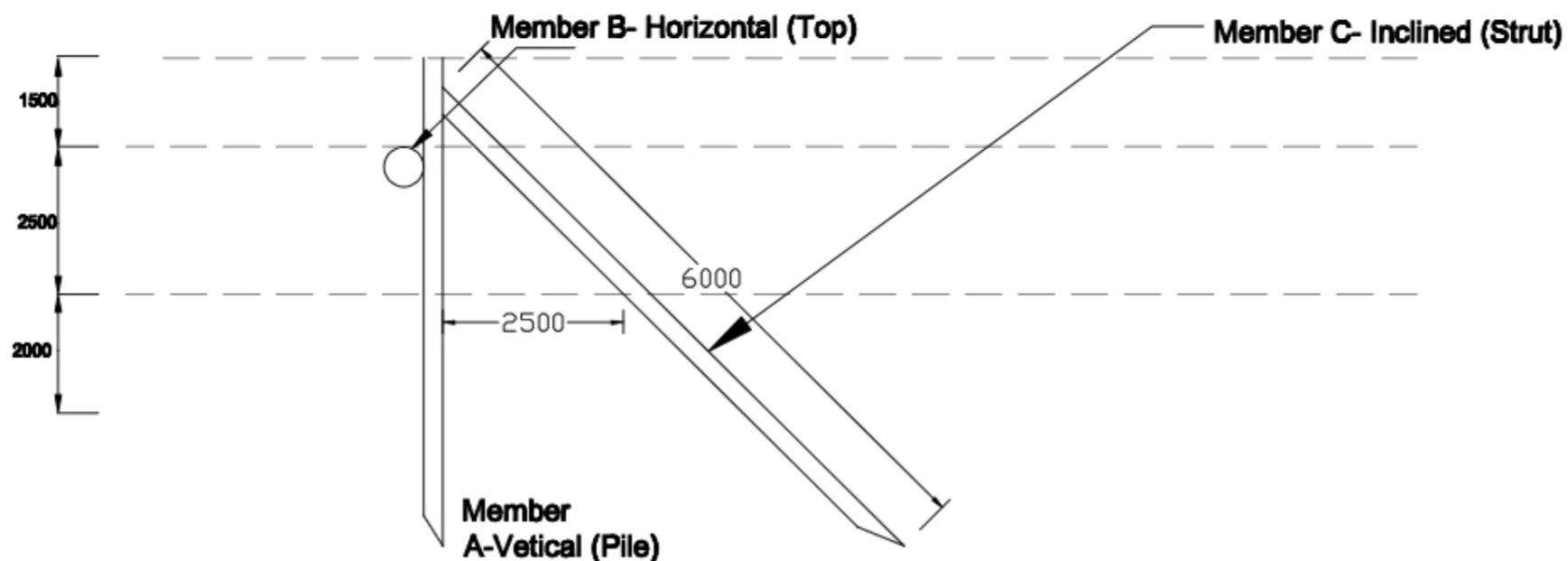
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Assam Rural Infrastructure
Agricultural Service Society



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



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

BASIC CONSULTANT

(ENGINEERING CONSULTANT)

Current office Address
BURNLEY, Assam P.O. BOX 108-87, BANARHAT,
KAMRUP DIST, ASSAM, PIN-781028.
Email: basicconsultant@gmail.com

Regional Office Address
K. BARBARHATI, K. BARBARHATI,
KAMRUP, ASSAM, PIN-781028
Email: basicconsultant@gmail.com

DRAWING :

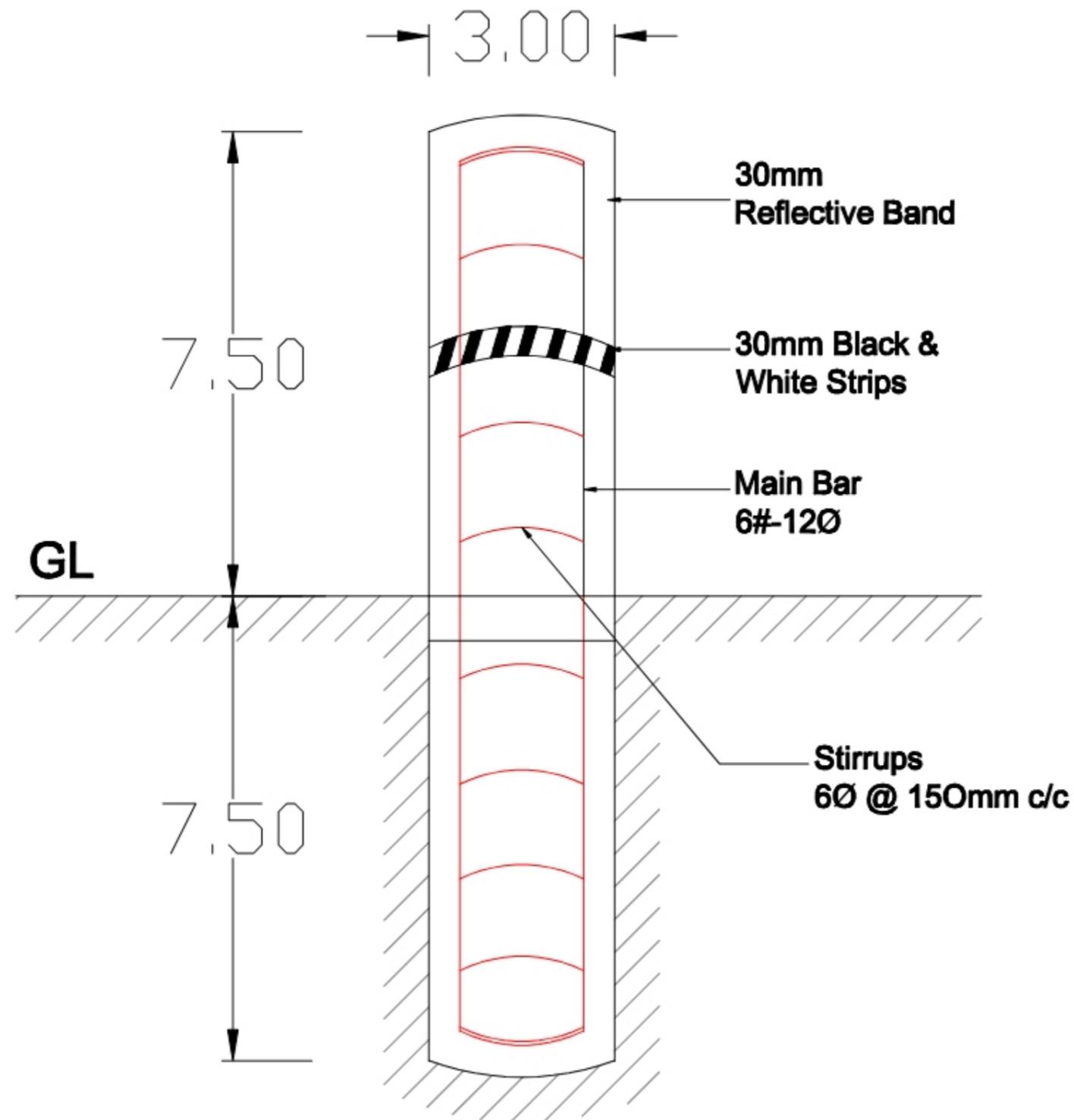
GENERAL ARRANGEMENT OF KATAL/JENG

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/09

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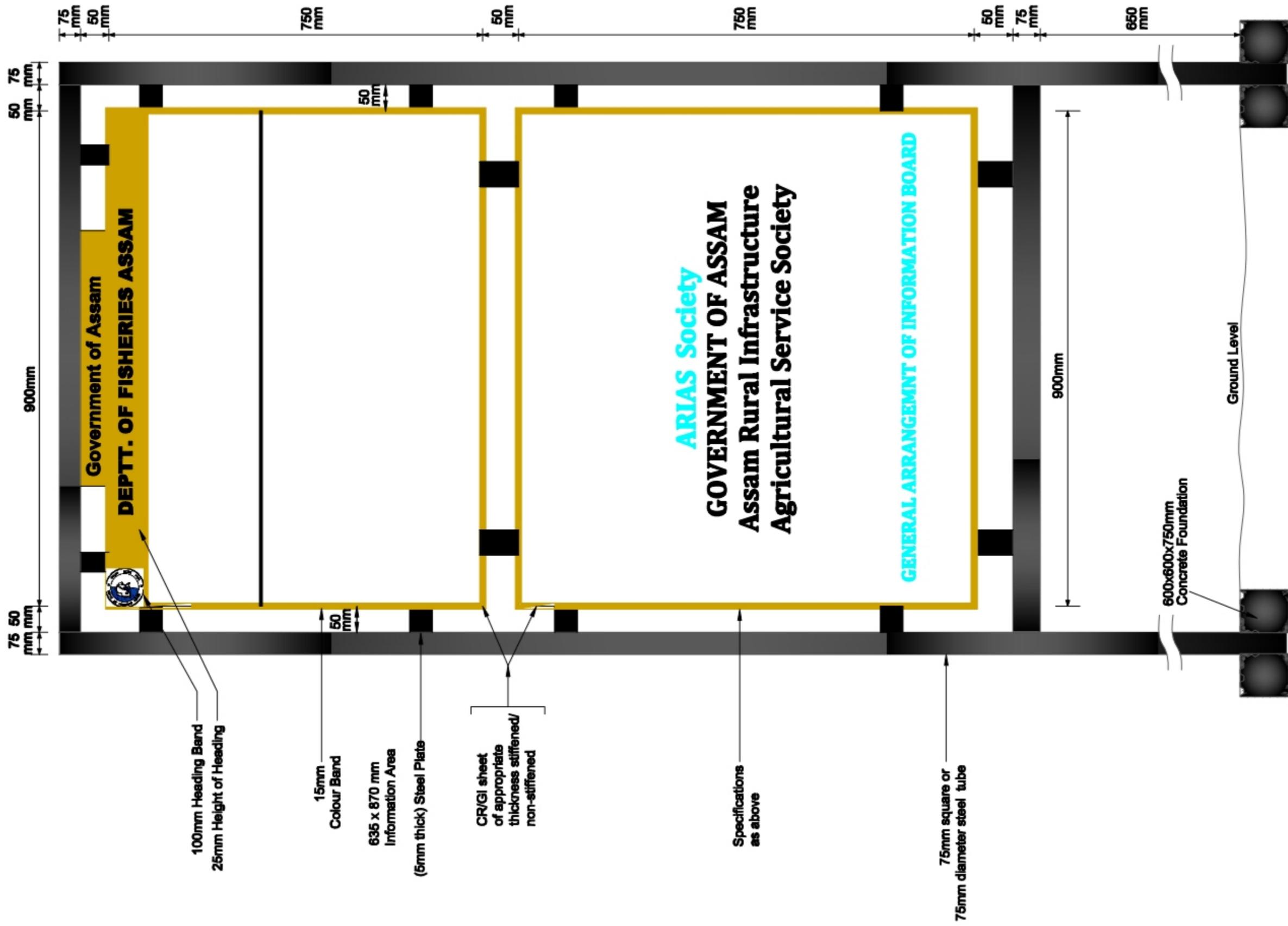
(ENGINEERING CONSULTANT)
 Current office Address
 SURVEY, Assam PWD, HOUSE NO-87, BANAHAT,
 KAMRUP, Dist. ASSAM, PIN-781002.
 Email: basicconsultant@yahoo.com
 Regd. Office Address
 H. BARABHONG, S.S. ROAD,
 TUDIGHI, ASSAM, PIN-782002
 Email: basicconsultant99@gmail.com

DRAWING :
**GENERAL ARRANGEMNT OF DEMARCATION
 PILLAR**

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100mm Heading Band
25mm Height of Heading

15mm
Colour Band
635 x 870 mm
Information Area
(6mm thick) Steel Plate

CR/GI sheet
of appropriate
thickness stiffened/
non-stiffened

Specifications
as above

75mm square or
75mm diameter steel tube

600x600x750mm
Concrete Foundation

Ground Level

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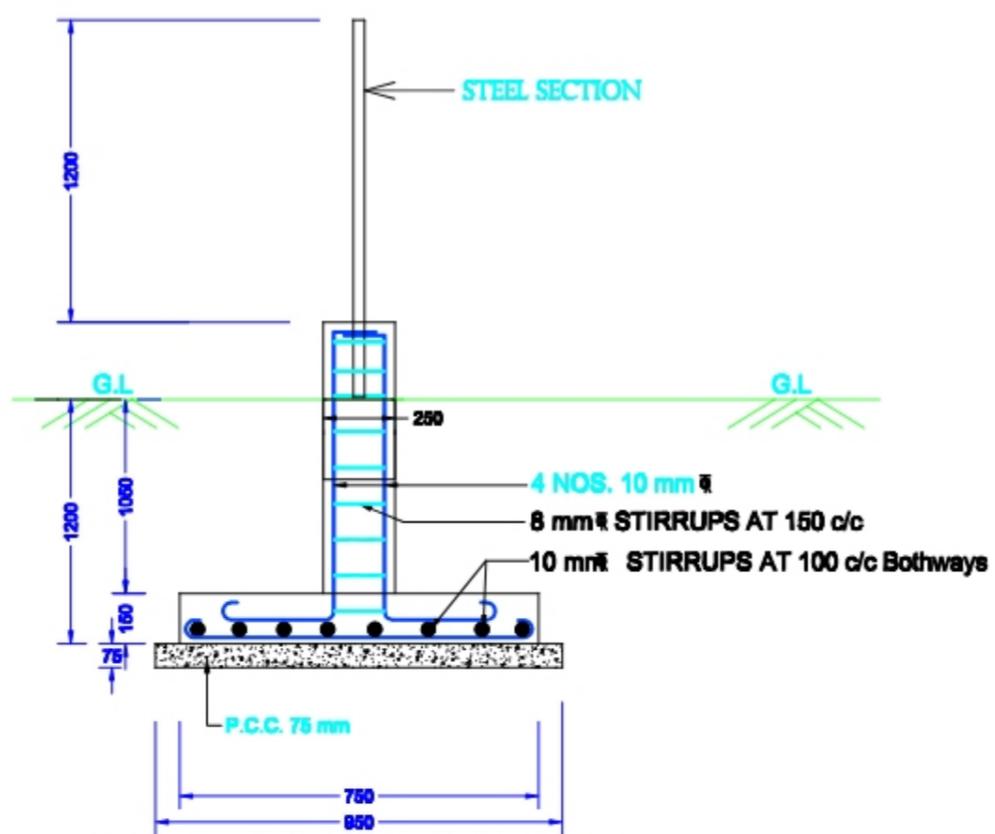
(INCORPORATED COMPANY)
Corporate Office Address
BASIC CONSULTANT
Plot No. 10, Sector 10, Gurgaon,
Haryana
E-mail: basicconsultant@yahoo.com
Plot 5, Office Address
A-10, Sector 10, Gurgaon,
Haryana
E-mail: basicconsultant@yahoo.com

DRAWING :
GENERAL ARRANGEMENT OF
INFORMATION BOARD

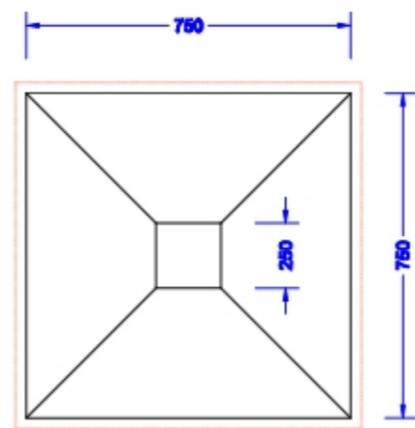
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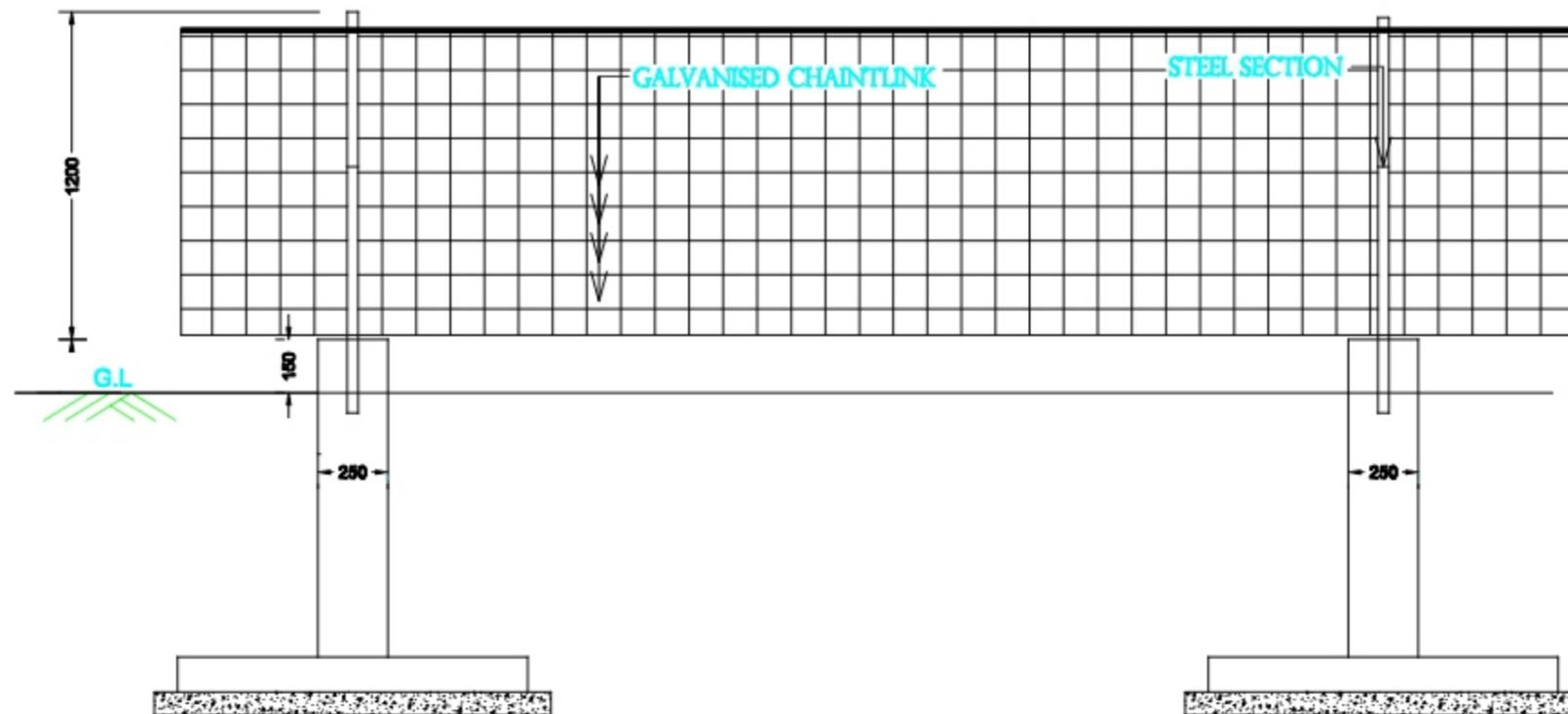
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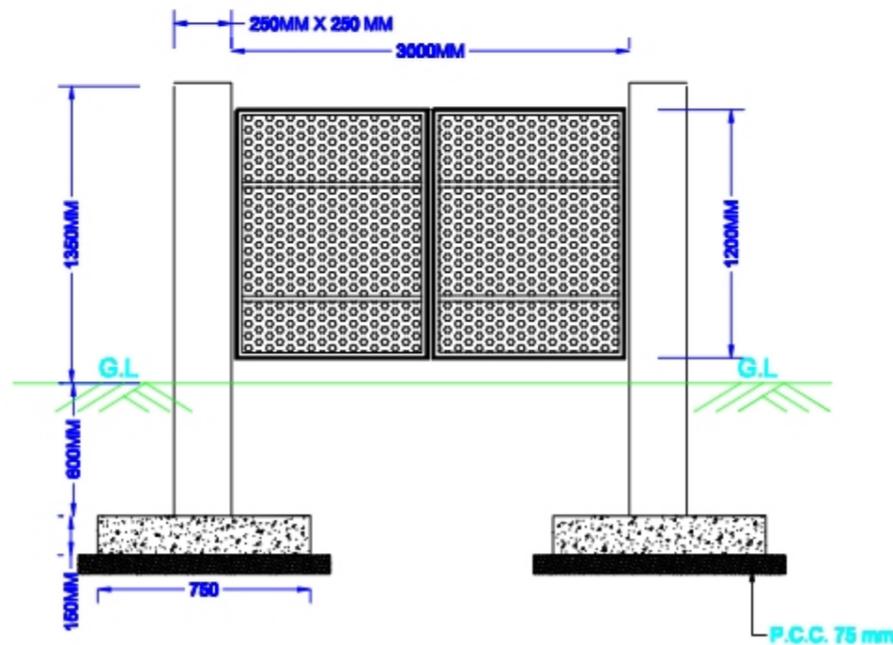
DETAIL OF FOOTING & COLUMN



PLAN FOR FOUNDATION



ELEVATION OF FENCING



ELEVATION OF IRON GATE

BASIC CONSULTANT

(ENGINEERING CONSULTANTS)
 Consult Office Address
 SURVEY, ANNA PULI, HOUSE NO-82, BHIMANATI,
 KAMRUP (N), ASSAM, PIN-781002
 Email: basicconsultant@rediffmail.com
 Head Office Address
 H. HARBARIACH, S.B. ROAD,
 NABHOL, ANNA, PIN-781001
 Email: basicconsultant@rediffmail.com

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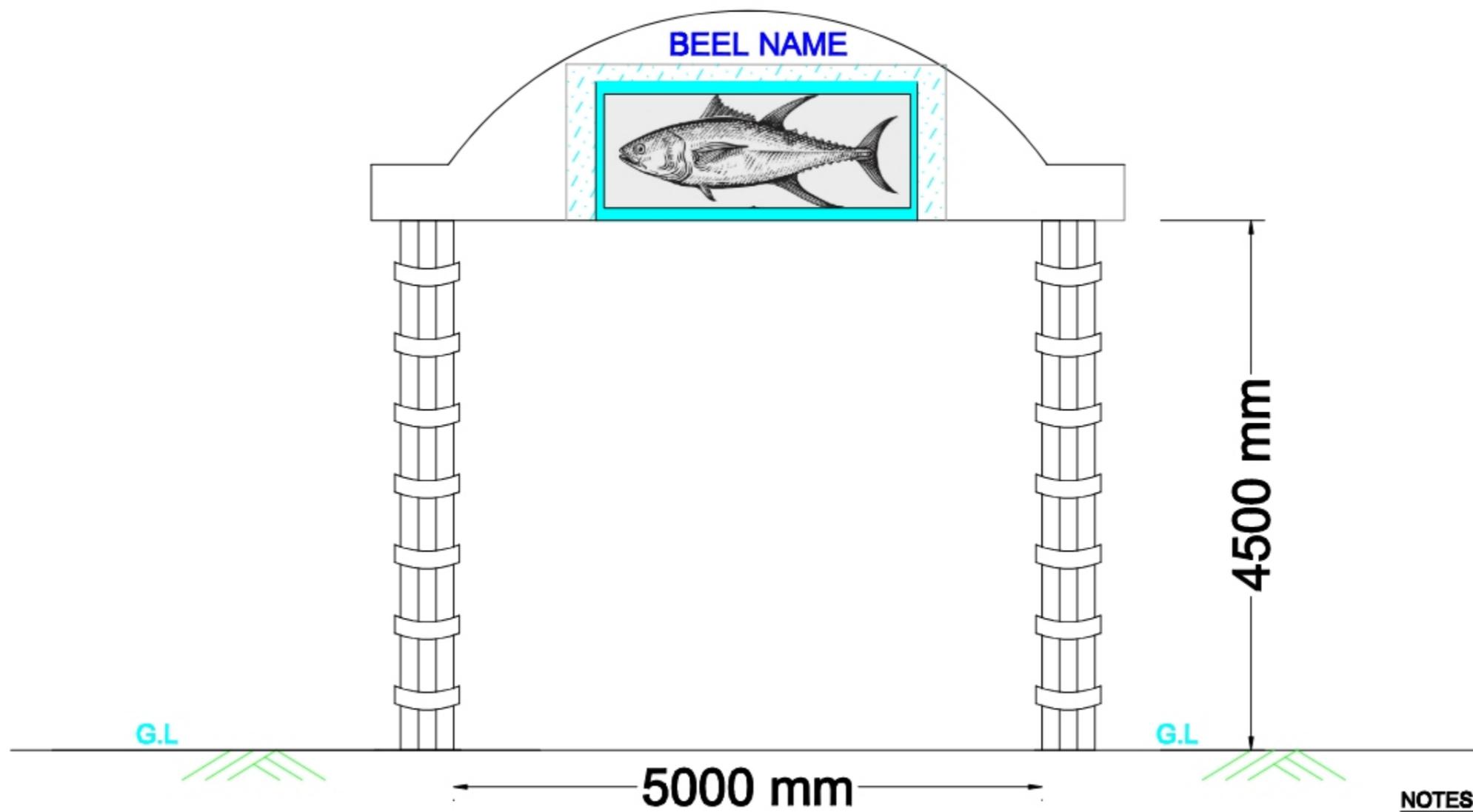
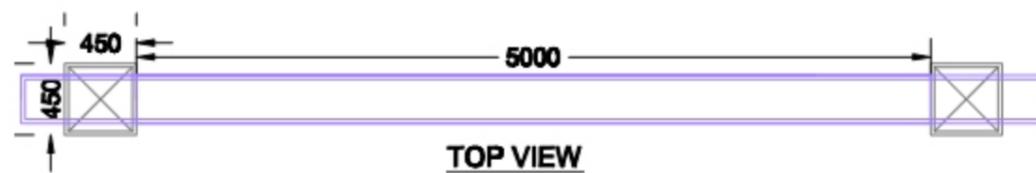
PLAN & CS OF FENCING WITH IRON GATE

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/12

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**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 .

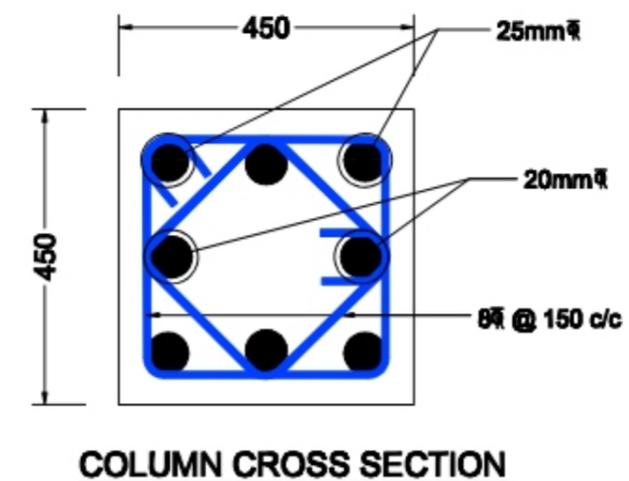
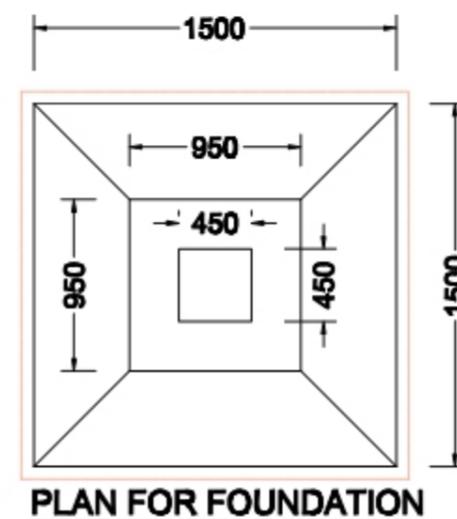
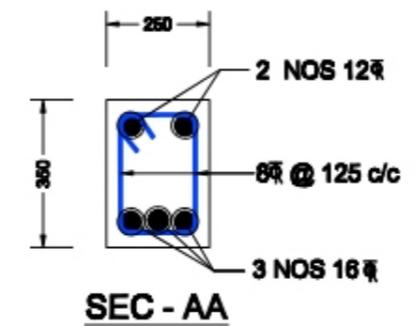
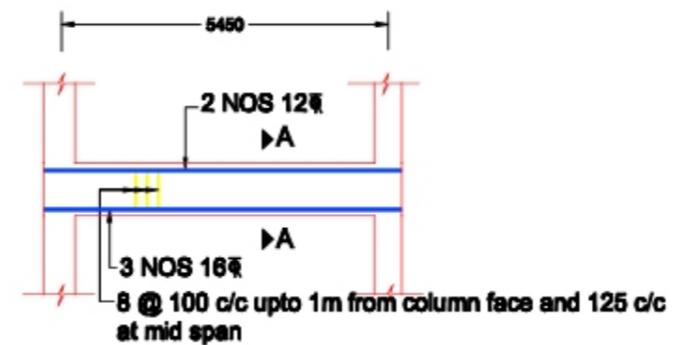
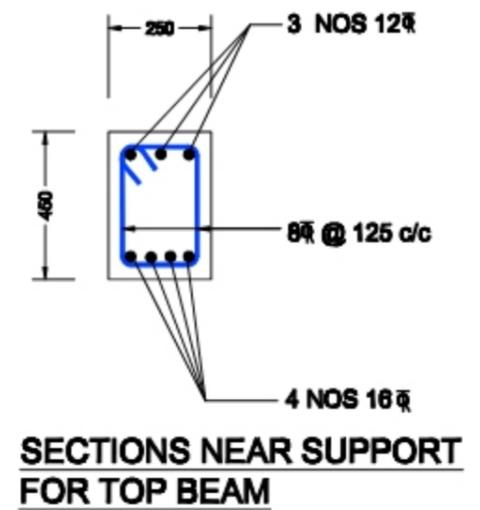
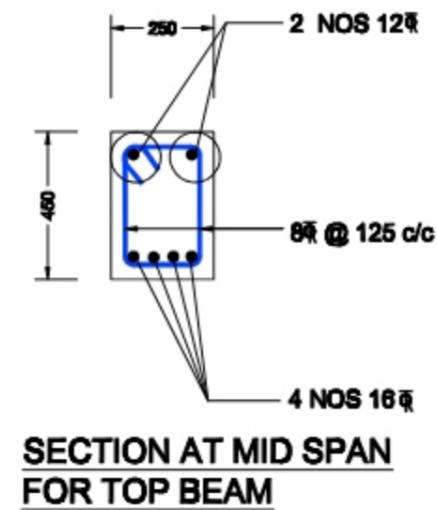
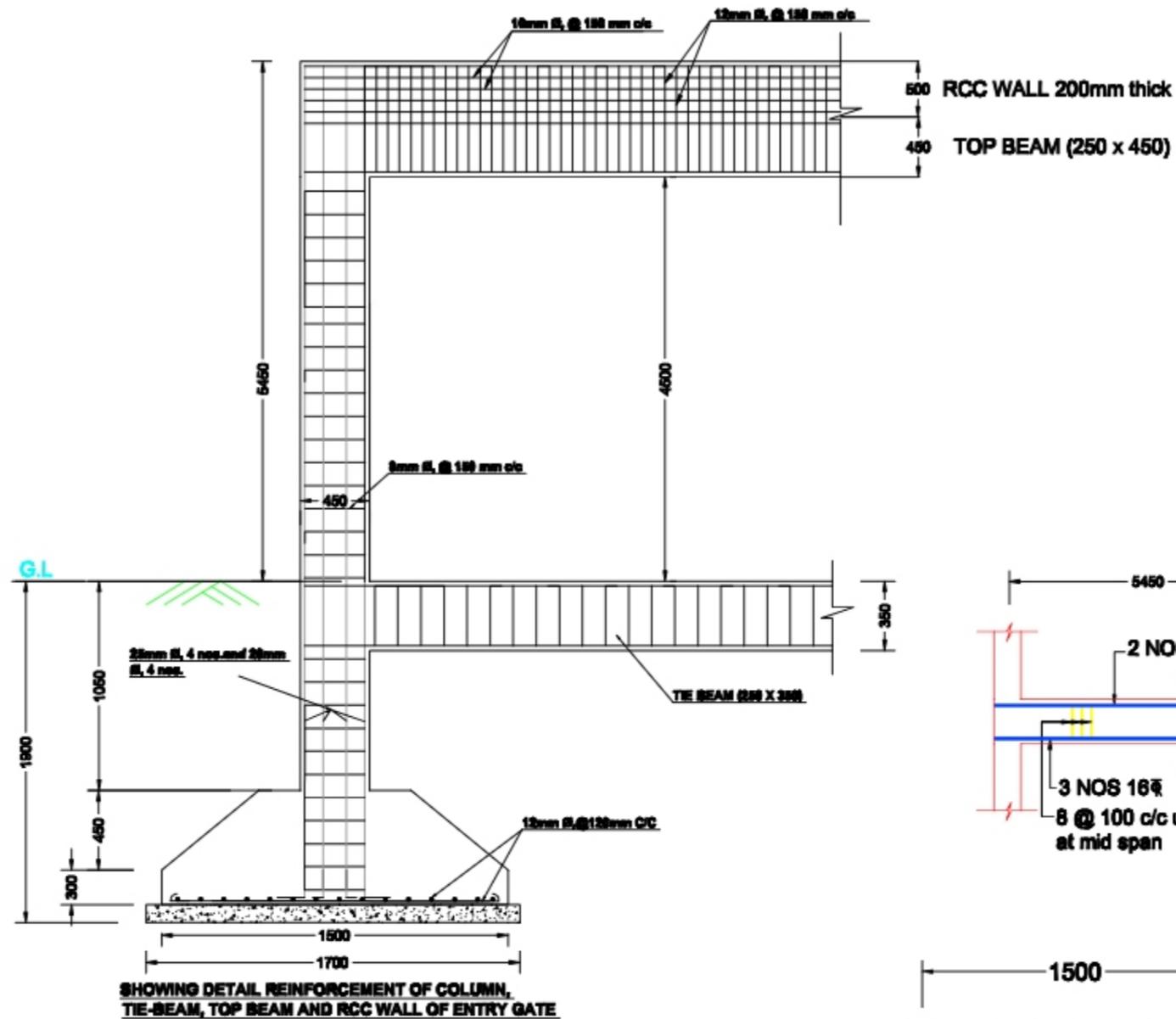
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Charpt office Address
 SURVEY, AGRAH PATH, HOUSE NO-62, GOHANATI,
 KAMRUJ D/O, JORHAT, PIN-781002.
 Email:- basicconsultant@gmail.com
 Regd. Office Address
 N. HARBANSAH, KULDEBA,
 JORHAT, ASSAM, PIN-781002
 Email:- basicconsultant@gmail.com

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

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

NOT TO SCALE

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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 CONSULTANTS)
Consult office Address
SURVEY, AGRAH PATH, HOUSE NO-42, GOHWATI,
DISPURJ BLDG, AGRAH, PIN-781002.
Email:- basicconsultant@gmail.com
Regional Office Address
K. HARBANSAH, KULDEBAH,
JURBAH, ASSAM, PIN-782002
Email:- basicconsultant@gmail.com

DRAWING :
STRUCTURAL DETAILS OF ENTRY GATE

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

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