

LEGEND :-

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

LEGEND TYPE:- EXISTING

TBM	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING CHANNEL	
EXT. EARTHEN ROAD	
EXISTING BT ROAD	
EXISTING CC ROAD	

PROVISIONS:

- WEED CLEARANCE 35287.5815 SQM.
- PROPOSED DE SILTING VOLUME12740.6837 Cur
- PROPOSED FISH LANDING 1 NOS.
(11.85 M x 7.50 M)
- PROPOSED CULVERT 5 NOS.

PIPE LAY (1X600 D)	HUME PIPE (1X1000 D)	HUME PIPE (2X1000 D)
1	4	

- PROPOSED REARING TANK 2 NOS.
(0.15 Ha each)
- PROPOSED COMMUNITY CENTRE 1 NOS.
WETLAND INFORMATION CENTRE (13.50 M x 11.50
- PROP. BOUNDARY FENCING 194 M.
WITH IRON GATE. 2 Nos
- PROP. STEEL OVER HEAD TANK (1000LTR) 1 NOS.
- PROPOSED PERIPHERAL BUND 956 M.
- PROPOSED SOLAR LAMP 9 NOS.
- PROPOSED KATAL/JENG 2 NOS.
(0.20 Ha each)
- PROPOSED PEN CULTURE 3 NOS.
(i) Rearing pen 1Nos (0.2 Ha Eac
(ii) Stoking pen 2Nos (0.45Ha Eac)
- PROPOSED BAMBOO PARTITION 1 NOS. (135
- PROPOSED INFORMATION BOARD 2 NOS.
(WIDTH-1.025M x HEIGHT-2.45 M)
- PROPOSED APPROACH ROAD 130 M.

FUTURE PROVISIONS:

- PROPOSED PONTOON FOOTBRIDGE
- PROPOSED VERMI COMPOSED UNIT
- PROPOSED ECO TOURISM
- PROPOSED AQUA CULTURE

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corppt office Address
 SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultant9@gmail.com
 Regd. Office Address
 N. HARBARGAON, M.D.ROAD,
 NAGACH, ASSAM, PIN-782802
 email:-basicconsultant9@gmail.com

NAME OF THE BEEL:
 BERA NA BEEL
SCALE :- 1:1000

DISTRICT:
 DHEMAJI
AREA (Ha):
 5.00 Ha
DRAWING NO :-
 ASSAM/SWIFT/GR-08/PLAN/01

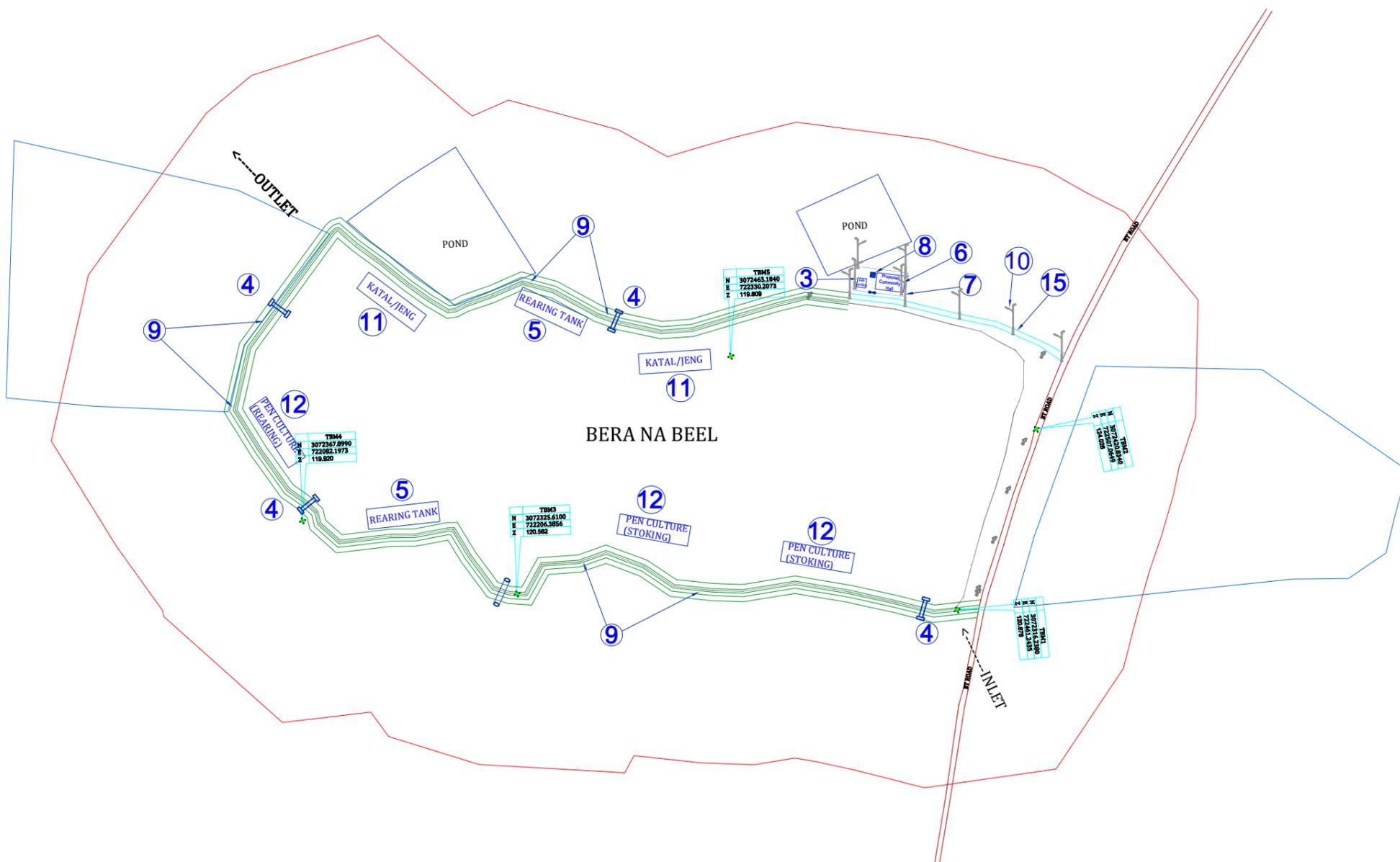
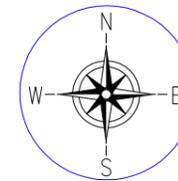
PROJECT TITLE:
 SUSTAINABLE WETLANDS AND INTEGRATED
 FISHERIES TRANSFORMATION (SWIFT)
 PROJECT

DWG TITLE:
 MASTER PLAN LAYOUT OF
 BERA NA BEEL



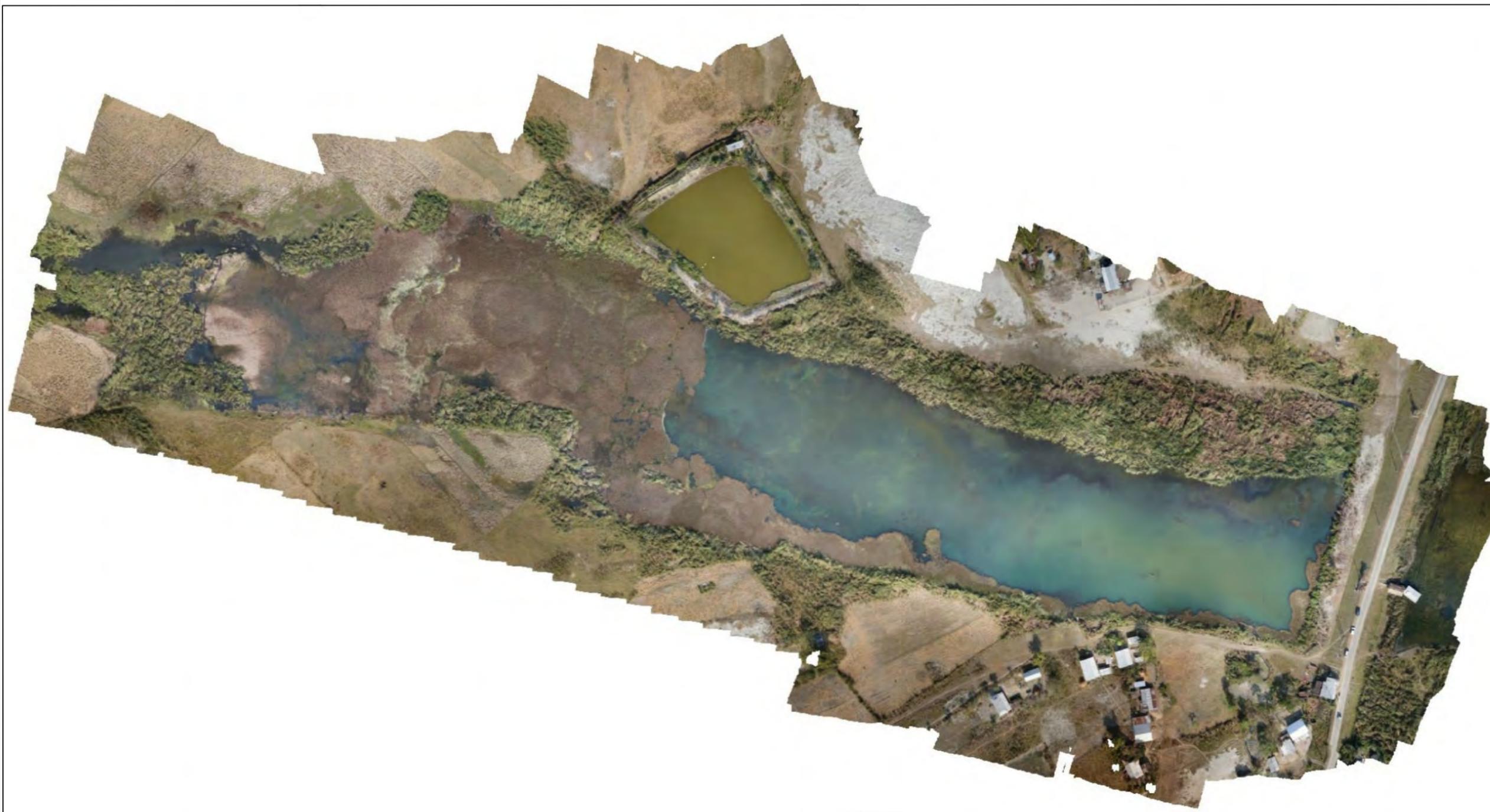
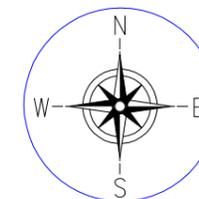
CLIENT:

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

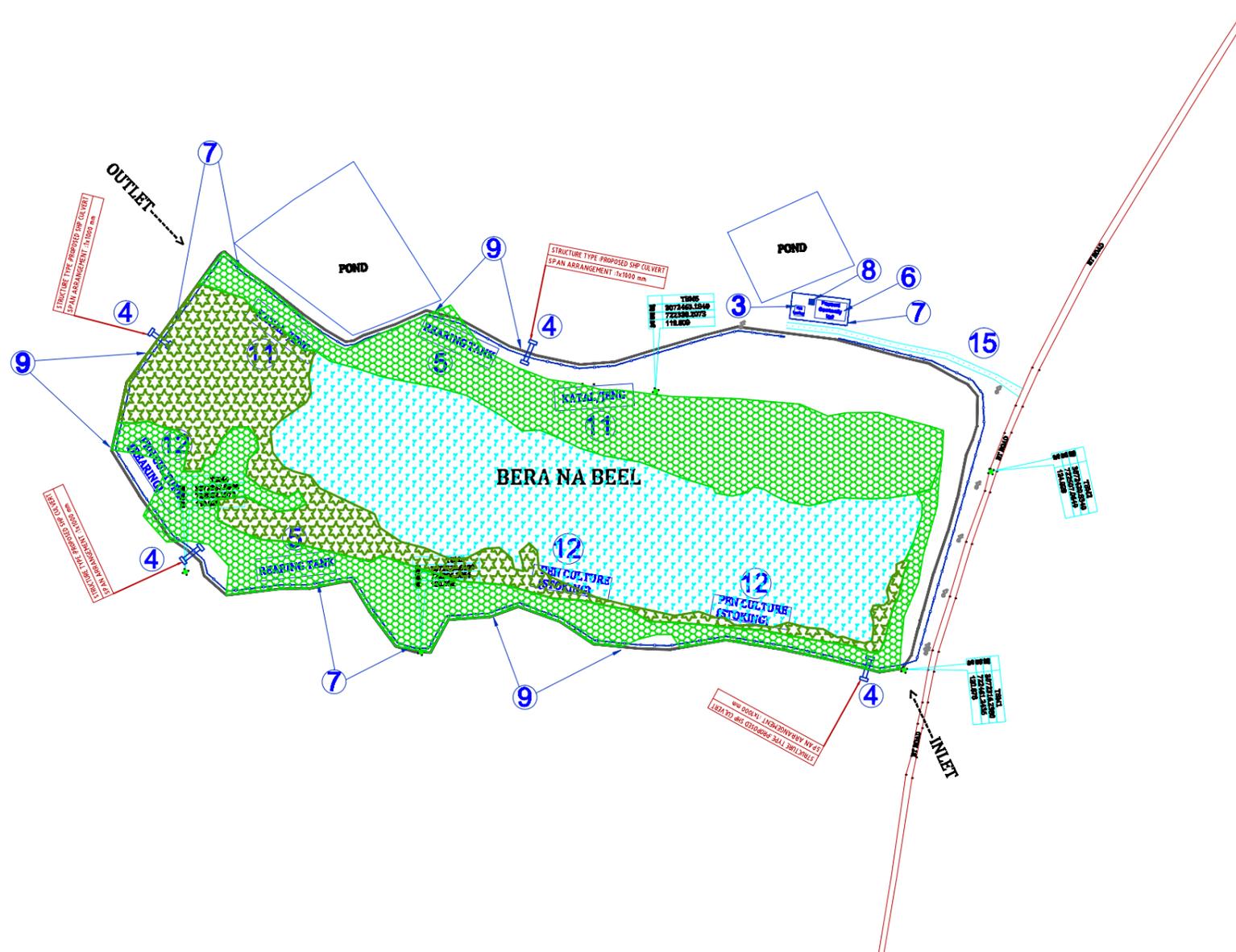
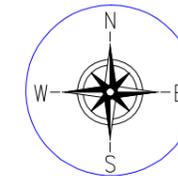


LEGEND :-	
PROPOSED HP CULVERT	
PROPOSED 600MM DIA PIPE	
PROPOSED STRUCTURE	
PROPOSED APPROACH ROAD	
PROPOSED SOLAR LAMP	
PROPOSED PERIPHERAL BUNDH	
PROP. PIPE LAY (1 x 600 D)	
LEGEND TYPE:- EXISTING	
TBM	
EXISTING BRIDGE	
BEEL BOUNDARY	
EXISTING STRUCTURE	
EXISTING ELECTRIC POLE	
POND	
EXISTING CHANNEL	
EXT. EARTHEN ROAD	
EXISTING BT ROAD	
EXISTING CC ROAD	

Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANT) Corppt office Address SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI, KAMRUP (M), ASSAM, PIN-781028. email:-basicconsultant9@gmail.com Regd. Office Address N. HAMBARGAON, M.D.ROAD, NAGACH, ASSAM, PIN-785862 email:-basicconsultant9@gmail.com	NAME OF THE BEEL: BERA NA BEEL	DISTRICT: DHEMAJI	AREA (Ha): 5.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: LAYOUT PLAN OF BERA NA BEEL	CLIENT: 	DATE: CHECKED BY: _____ SUBMITTED TO: _____ RECOMMENDED BY: _____ APPROVED BY: _____ DATE: _____ DATE: _____ DATE: _____ DATE: _____ TEAM LEAD: _____ A.E. _____ E.E. _____ S.E. _____
	SCALE :- 1:1000	DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/02					



Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANT) <small>Corpr office Address</small> SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI, KAMRUP (M), ASSAM, PIN-781028. <small>email:-basicconsultantgty@gmail.com</small> <small>Regd. Office Address</small> N. HABARGAON, H.D.ROAD, NAGAON, ASSAM, PIN-782062 <small>email:-basicconsultant69@gmail.com</small>	NAME OF THE BEEL: BERA NA BEEL	DISTRICT: DHEMAJI	AREA (Ha): 5.00 Ha	PROJECT TITLE: SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT	DWG TITLE: DRONE SURVEY MAP OF BERA NA BEEL	CLIENT: 	<small>DATE:</small> <small>CHECKED BY:</small> <small>SUBMITTED TO:</small>	<small>RECOMMENDED BY:</small>	<small>APPROVED B</small>
	SCALE :- 1:1000	DRAWING NO :- ASSAM/SWIFT/GR-08/PLAN/03					<small>DATE:</small> <small>TEAM LEAD</small>	<small>DATE:</small> <small>A.E.</small>	<small>DATE:</small> <small>E.E.</small>



LEGEND :-	
Thin and floating water etc	
Medium and floating etc	
Heavy and floating etc	
CLEAR WATER AREA	

TOTAL AREA=39990.2078 Sqm

AREA DETAILS		
SL NO	DESCRIPTION	AREA(Sq. m)
(A)	Thin and floating water hyacinths and other aquatic weeds etc.	16476.980 SQ M
(B)	Thick and floating water hyacinths and other aquatic weeds etc.	0.00 SQ M
(C)	Thick and floating Tarnales, Dalanias, Pitanies and other marginal aquatic weeds etc. upto a depth of 50 cm.	0.00 SQ M
(D)	Medium and floating Tarnales, Dalanias, Pitanies and other marginal aquatic weeds etc. upto a depth of 50 cm to 80 cm	7416.4127 SQ M
(E)	Heavy and floating Tarnales, Dalanias, Pitanies and other marginal aquatic weeds etc. upto a depth of 80 cm to 120 cm	16096.8142 SQ M
(F)	CLEAR WATER AREA	0.00 SQ M

Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corprt office Address
SURVEY, AJANTA PATH, HOUSE NO-27, GUNAHATI,
KAMRUP (M), ASSAM, PIN-781028.
email:-basicconsultant@yahoo.com
Regd. Office Address
N. HARBARGAON, H.D. ROAD,
HABASH, ASSAM, PIN-780002
email:-basicconsultant@yahoo.com

NAME OF THE BEEL:
BERA NA BEEL
SCALE :- 1:1000

DISTRICT:
DHEMAJI

AREA (Ha):
5.00 Ha

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

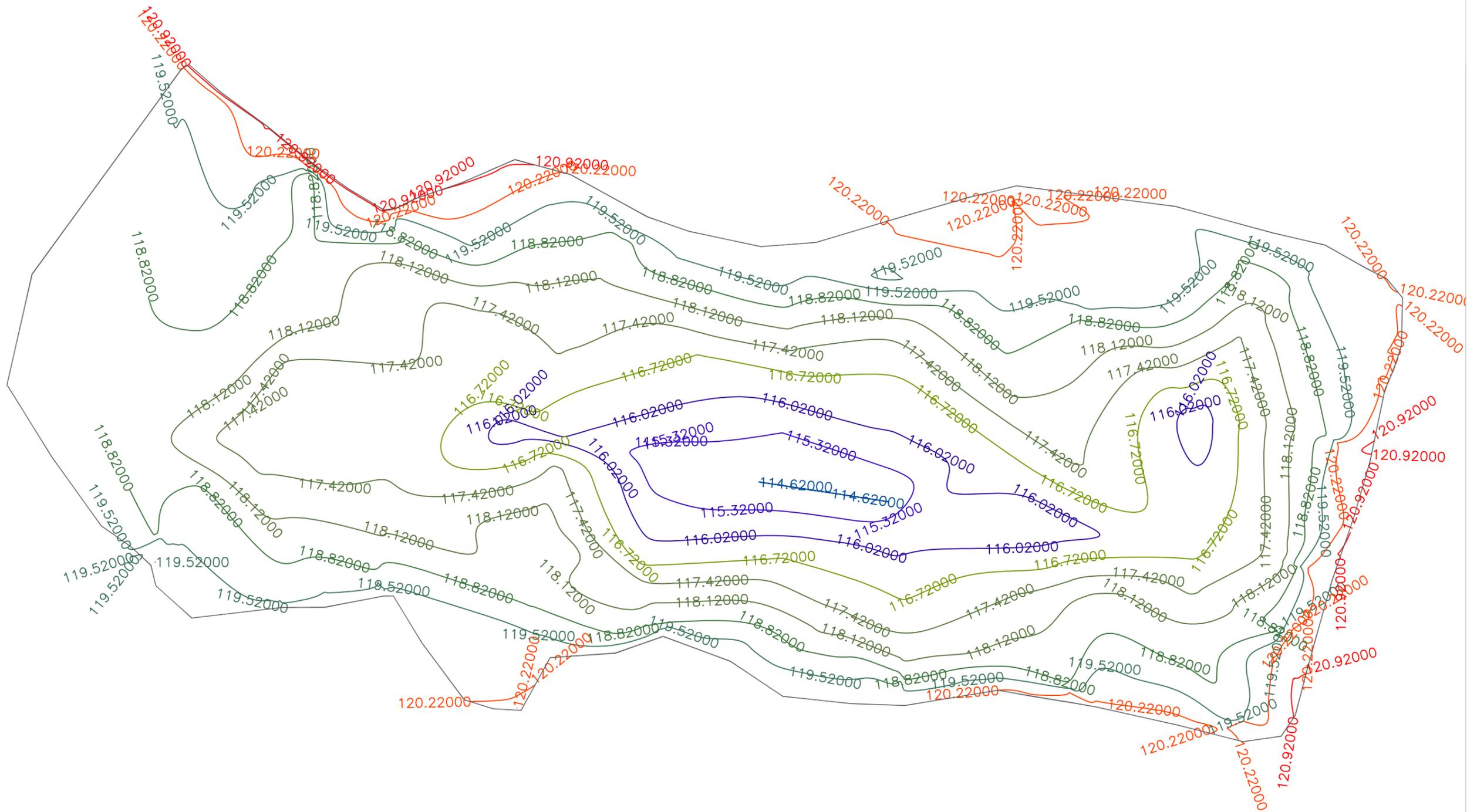
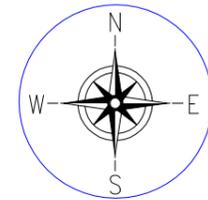
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SUSTAINABLE WETLANDS AND INTEGRATED FISHERIES TRANSFORMATION (SWIFT) PROJECT

DWG TITLE:
DEWEEDING MAP OF BERA NA BEEL

CLIENT:



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



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp. office Address
 SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultant9@gmail.com
 Regd. Office Address
 N. HABARGAON, H.D.ROAD,
 NAGAON, ASSAM, PIN-785062
 email:-basicconsultant69@gmail.com

NAME OF THE BEEL:
 BERA NA BEEL
SCALE :- 1:1000

DISTRICT:
 DHEMAJI

AREA (Ha):
 5.00 Ha

DRAWING NO :-
 ASSAM/SWIFT/GR-08/PLAN/05

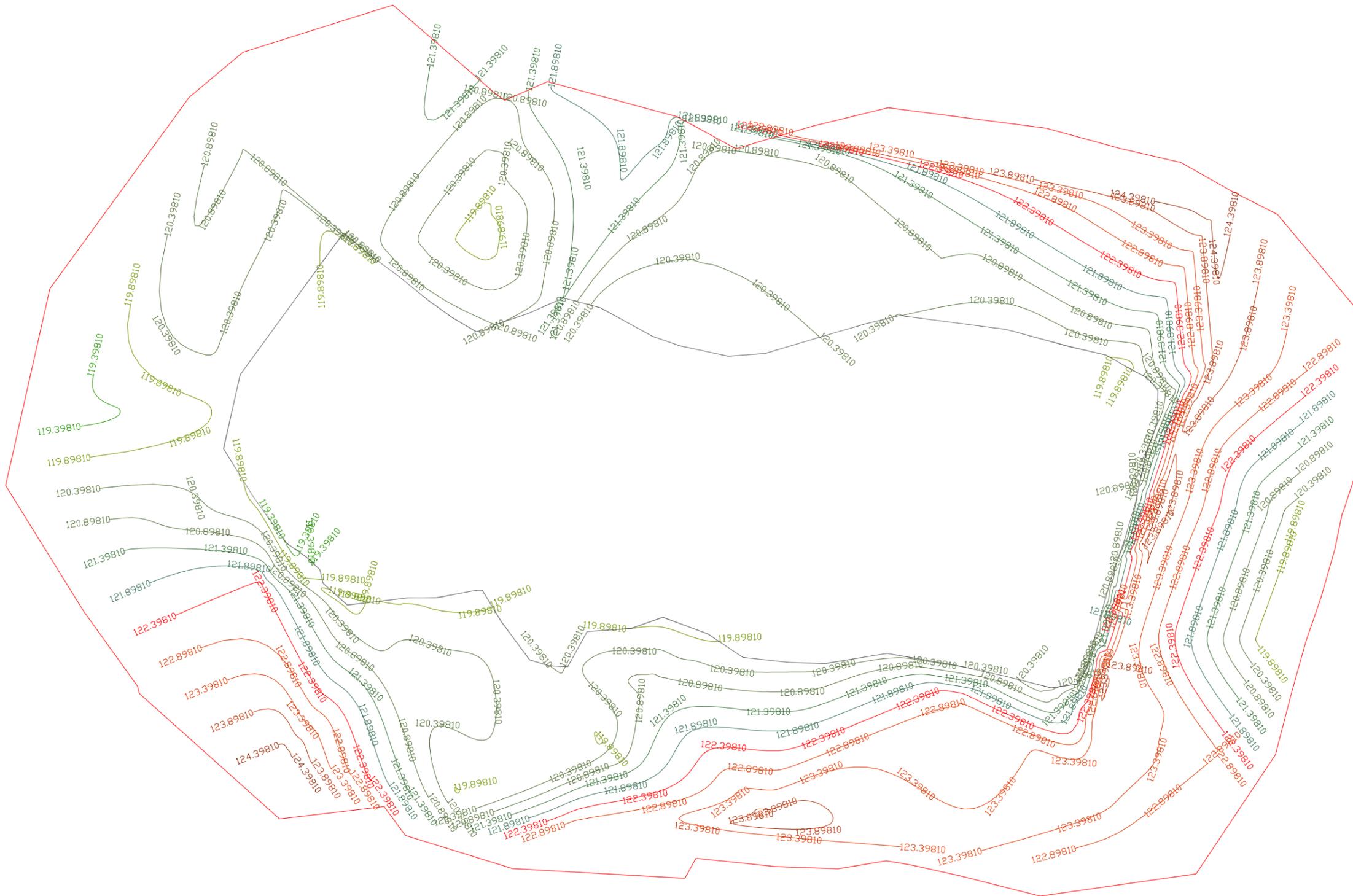
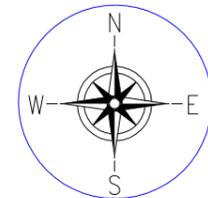
PROJECT TITLE:
 SUSTAINABLE WETLANDS AND INTEGRATED
 FISHERIES TRANSFORMATION (SWIFT)
 PROJECT

DWG TITLE:
 BATHMETRIC CONTOUR
 MAP OF BERA NA BEEL

CLIENT:



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



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corp't office Address
 SURVEY, AJANTA PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultantgty@gmail.com
 Reg'd. Office Address
 N. HAMBARGAON, H.D.ROAD,
 NAGAON, ASSAM, PIN-782802
 email:-basicconsultant89@gmail.com

NAME OF THE BEEL:

BERA NA BEEL

SCALE :- 1:1000

DISTRICT:
DHEMAJI

AREA (Ha):
5.00 Ha

DRAWING NO :-
ASSAM/SWIFT/GR-08/PLAN/06

PROJECT TITLE:

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

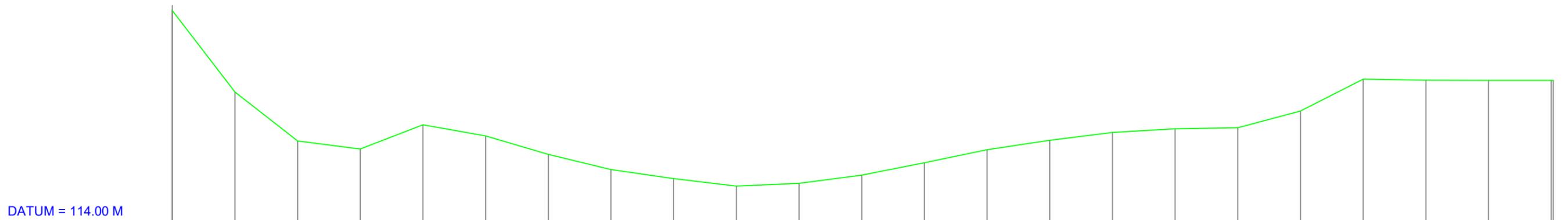
DWG TITLE:

**TOPOGRAPHIC CONTOUR
 MAP OF BERA NA BEEL**

CLIENT:



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



DATUM = 114.00 M

OGL	120.84000	118.24311	116.68680	116.43273	117.19997	116.84580	116.25997	115.77779	115.48961	115.25208	115.33608	115.59797	115.99365	116.40817	116.70806	116.95743	117.07454	117.10586	117.64049	118.65507	118.61820	118.61554	118.61351
CHAINAGE	0.00000	20.00000	40.00000	60.00000	80.00000	100.00000	120.00000	140.00000	160.00000	180.00000	200.00000	220.00000	240.00000	260.00000	280.00000	300.00000	320.00000	340.00000	360.00000	380.00000	400.00000	420.00000	440.00000

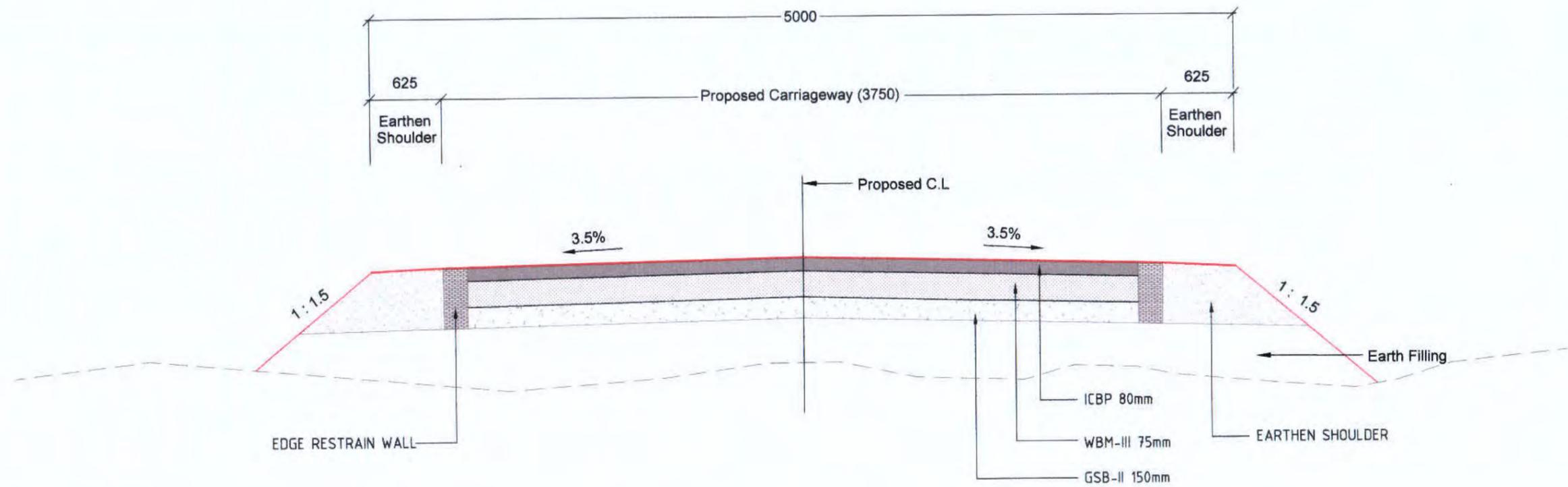
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corprt office Address
 SURVEY, Aizents PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultantghy@gmail.com
 Regd. Office Address
 H. HAIBARGAON, W.D. ROAD,
 NAGAON, ASSAM, PIN-782002
 email:-basicconsultant99@gmail.com

Name of Work:-
Bera Na Beel in Dhemaji District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

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

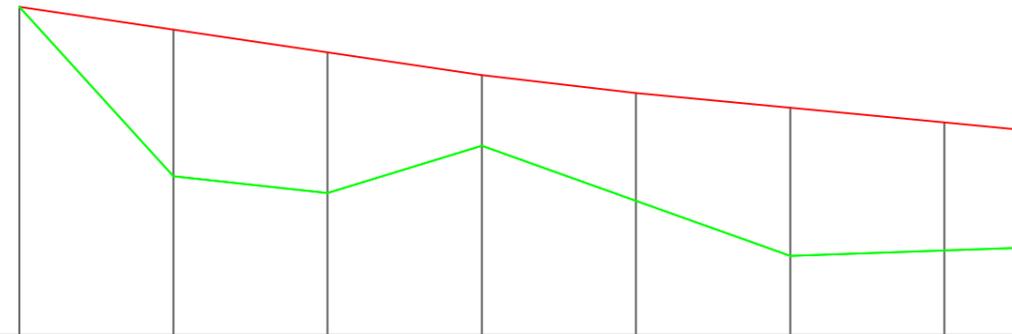
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Assam Rural Infrastructure
Agricultural Service Society

STANDARD DRAWINGS



TYPICAL CROSS SECTION FOR APPROACH ROAD

DATUM = 119.00 M



FRL	123.254	122.959	122.664	122.369	122.135	121.944	121.753	121.658
OGL	123.254	121.054	120.840	121.451	120.737	120.025	120.095	120.130
CHAINAGE	0.000	20.000	40.000	60.000	80.000	100.000	120.000	130.000
FRL Gradient	$-1/67.811$ → $-1/85.531$ → $-1/104.730$ →							

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)

Corprt office Address
 SURVEY, Agents PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultantghy@gmail.com

Regd. Office Address
 N. HAIBARGAON, W.D. ROAD,
 HAIBAGON, ASSAM, PIN-782002
 email:-basicconsultant99@gmail.com

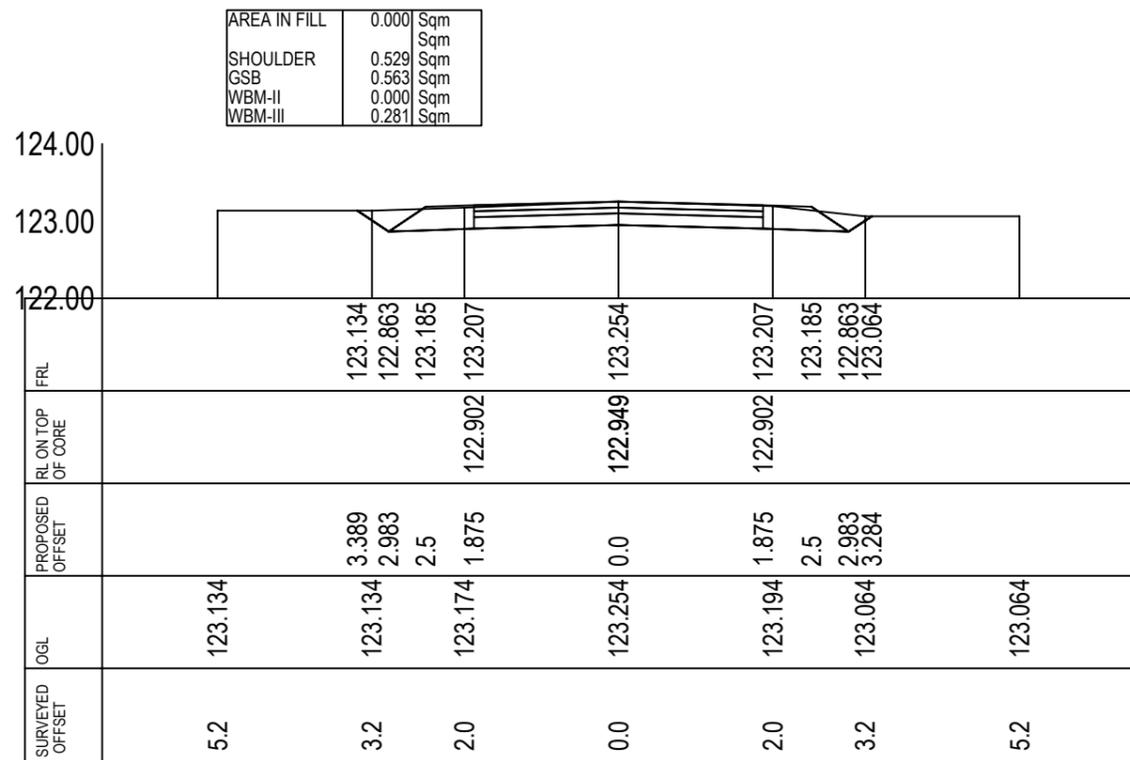
Name of Work:-
Bera Na Beel in Dhemaji District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

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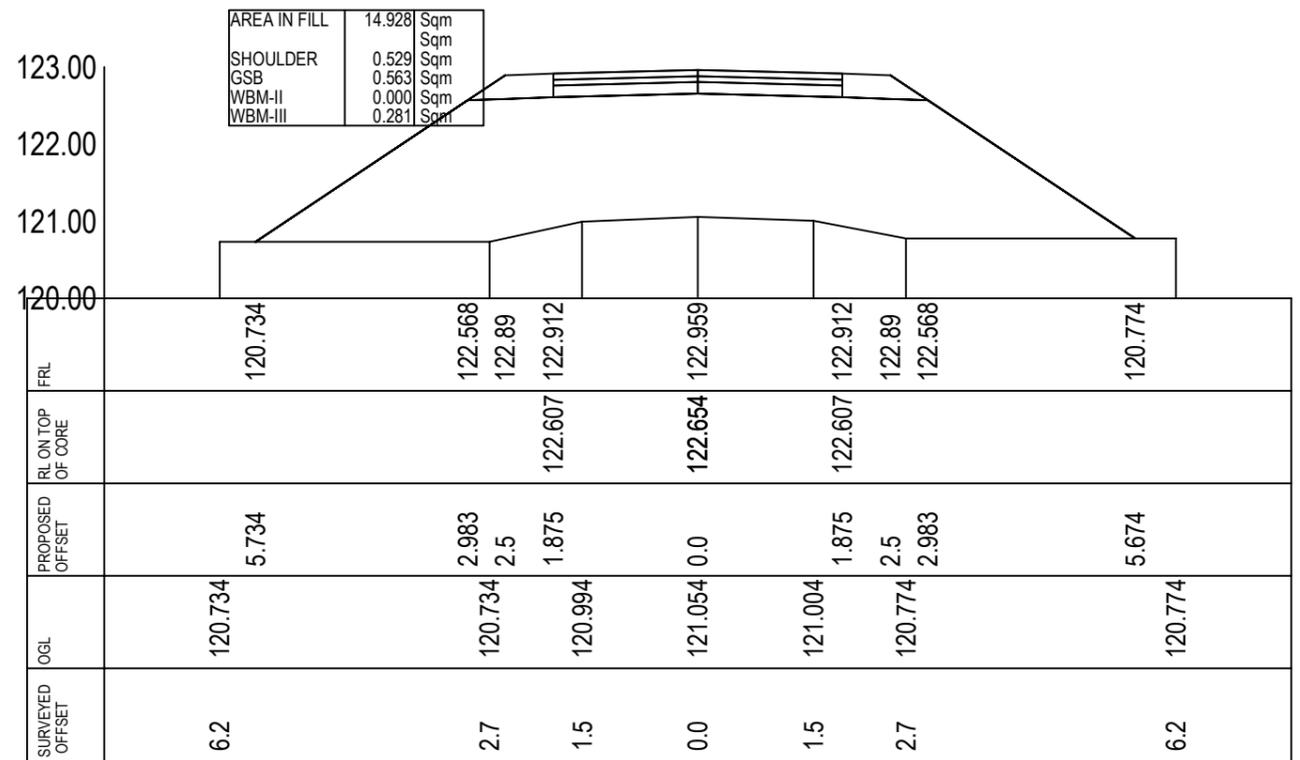
LONGITUDINAL PROFILE OF
 APPROACH ROAD

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

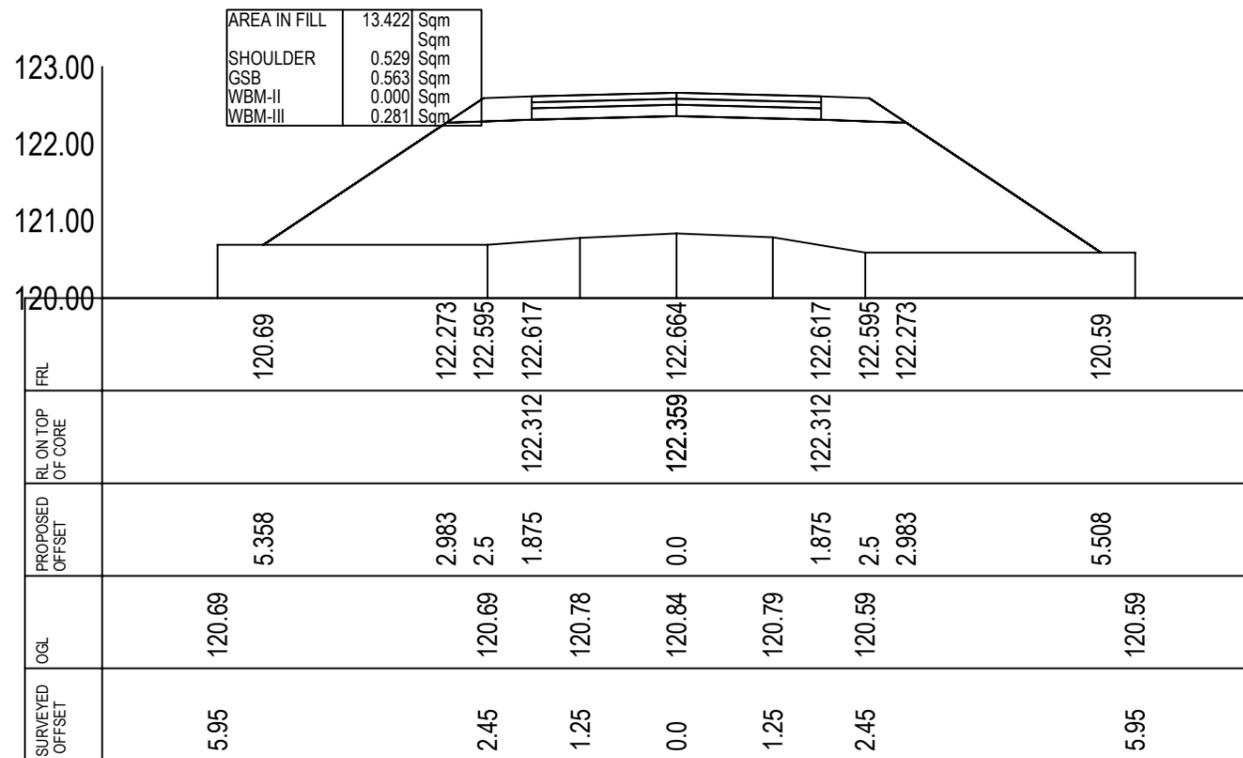
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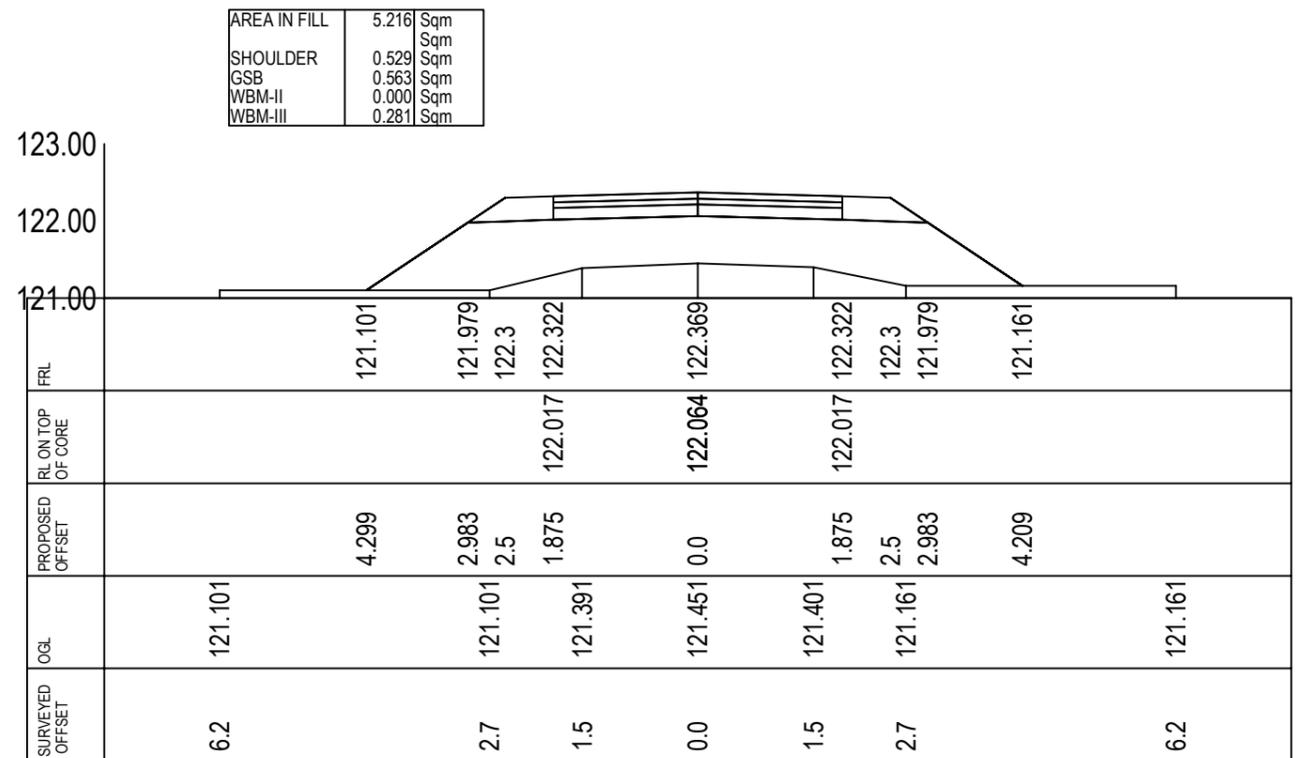
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CROSS-SECTION AT CH- 20.0



CROSS-SECTION AT CH- 40.0



CROSS-SECTION AT CH- 60.0

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)

Corport office Address
 SURVEY, Aizawl PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email: basicconsultantghy@gmail.com

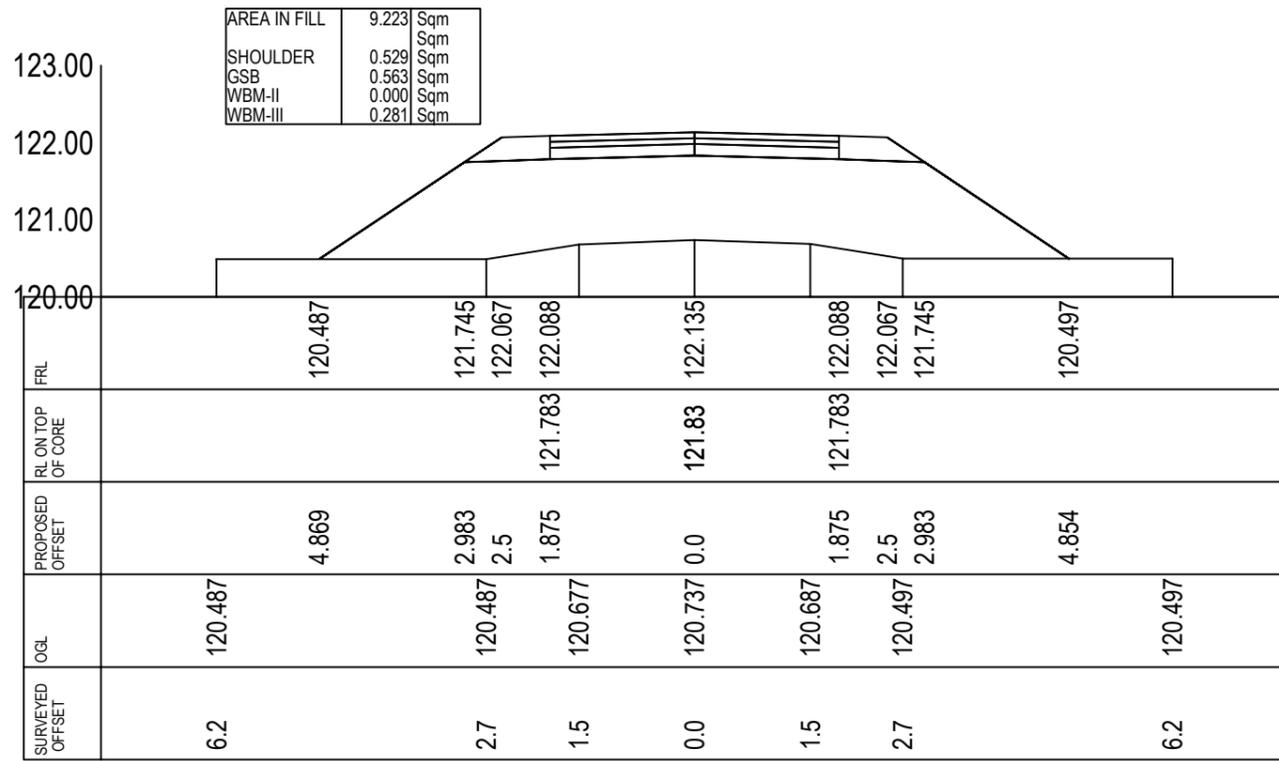
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 N. HAIBARGAON, W.D. ROAD,
 HAIBARGAON, ASSAM, PIN-782002
 email: basicconsultant99@gmail.com

Name of Work:-
Bera Na Beel in Dhemaji District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

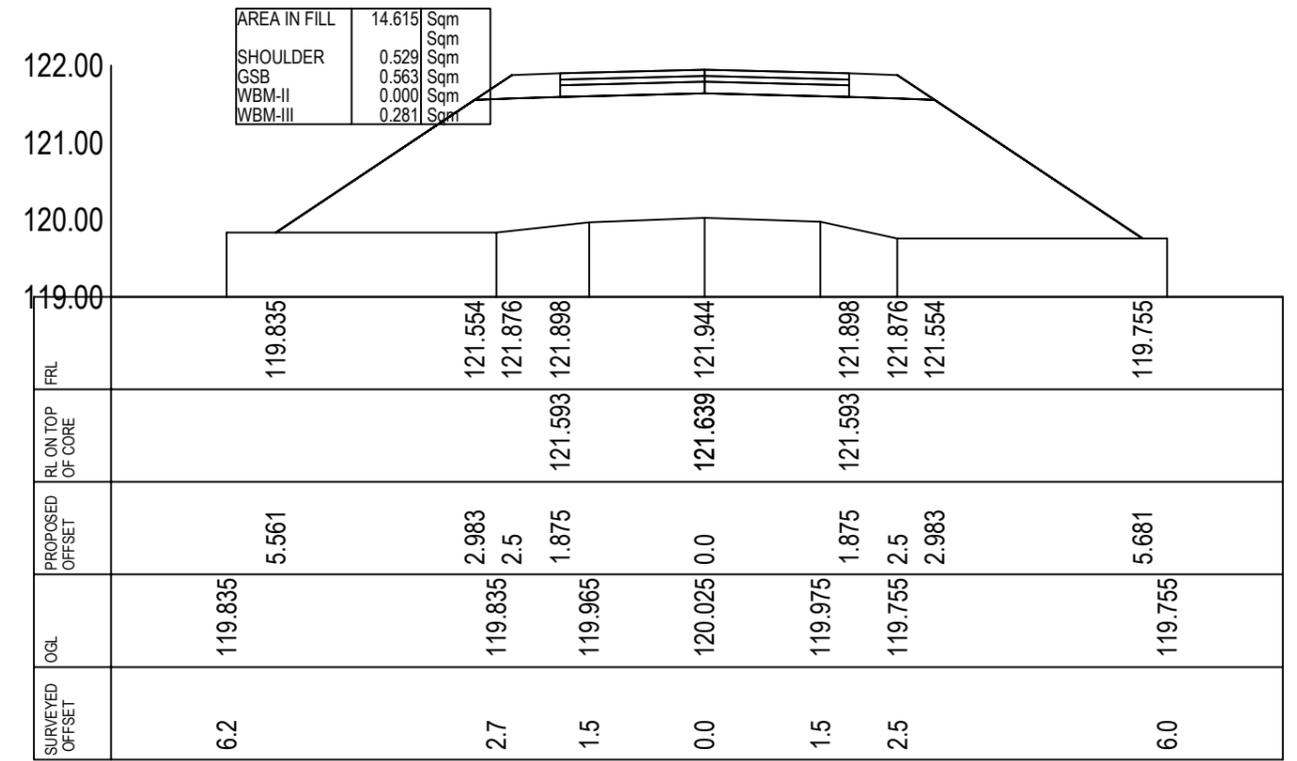
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 TYPICAL SECTION OF APPROACH ROAD

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

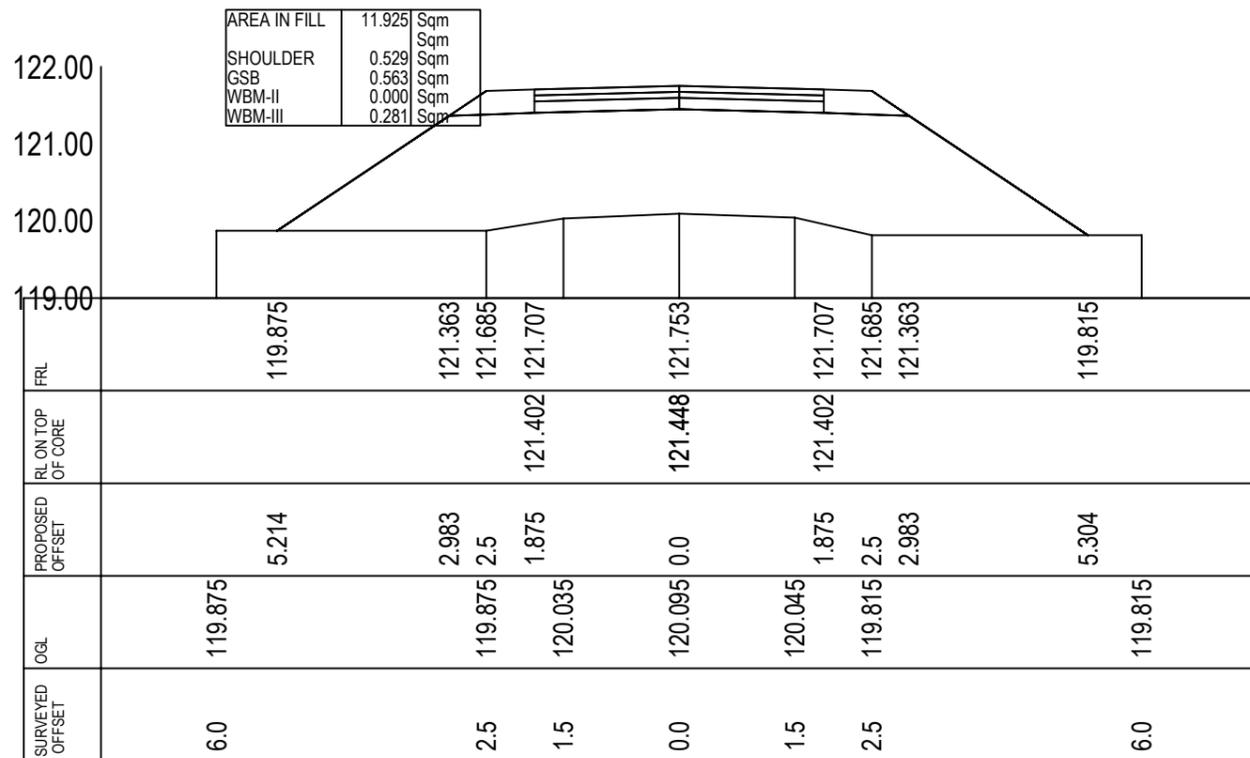
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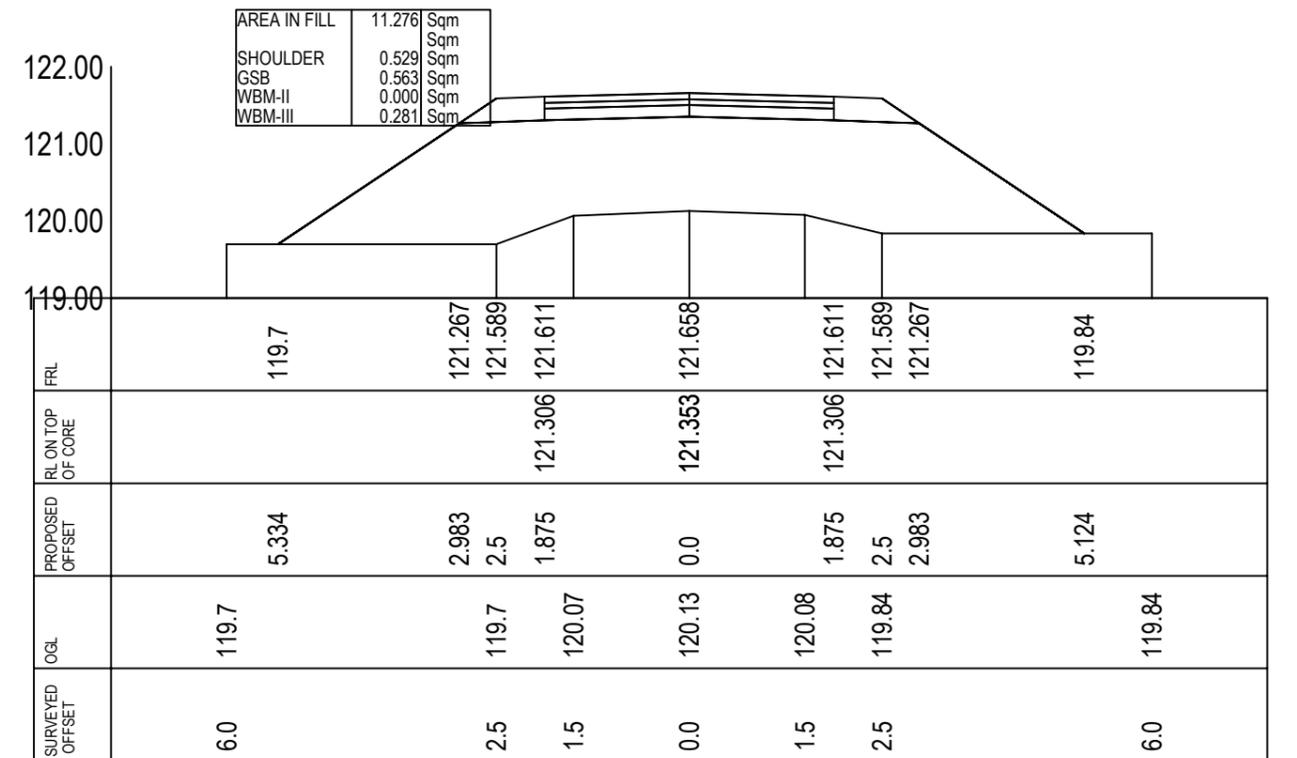
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CROSS-SECTION AT CH- 100.0



CROSS-SECTION AT CH- 120.0



CROSS-SECTION AT CH- 130.0

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BASIC CONSULTANT
 (ENGINEERING CONSULTANT)

Corport office Address
 SURVEY, Aizans PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultant99@gmail.com

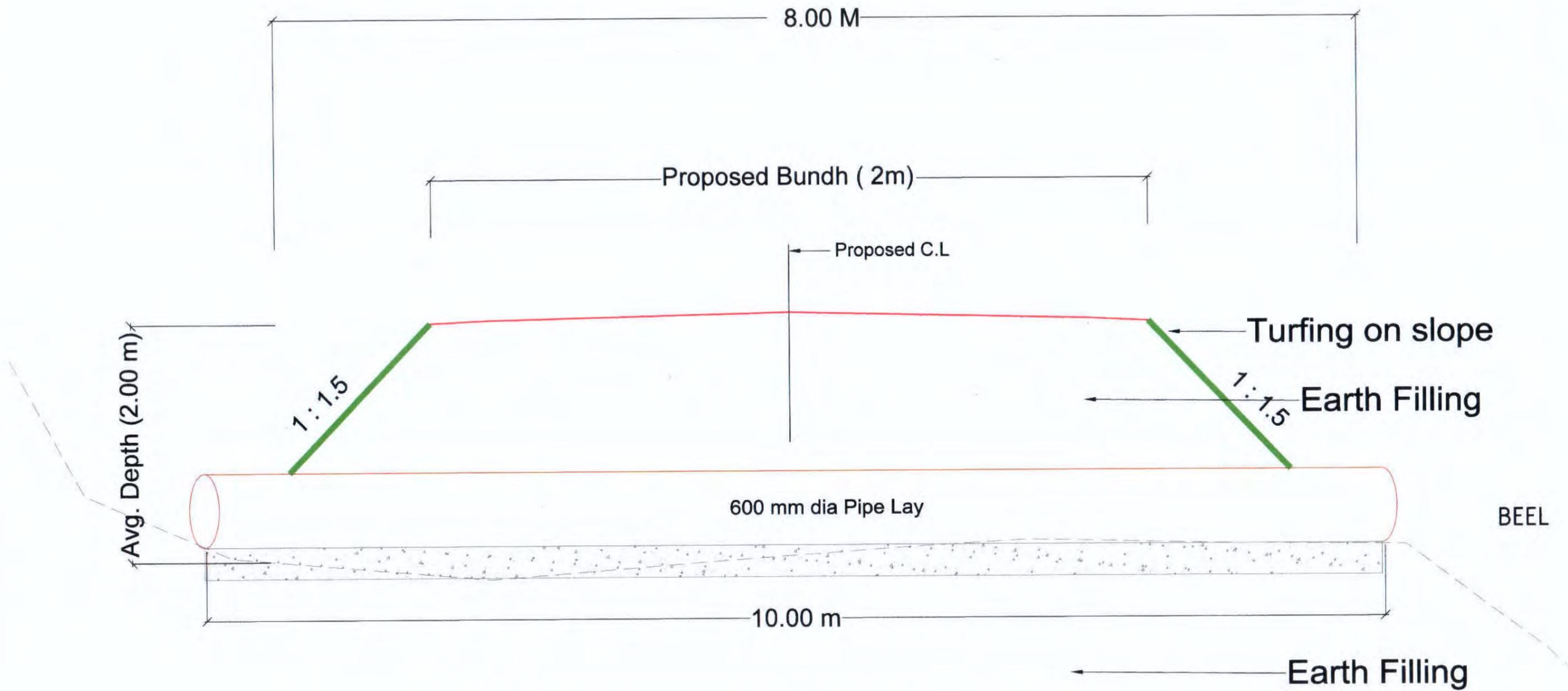
Regd. Office Address
 N. HABARGAON, W.D. ROAD,
 NAGALON, ASSAM, PIN-783002
 email:-basicconsultant99@gmail.com

Name of Work:-
Bera Na Beel in Dhemaji District : Conservation, Restoration and Rejuvenation under Assam SWIFT Project.

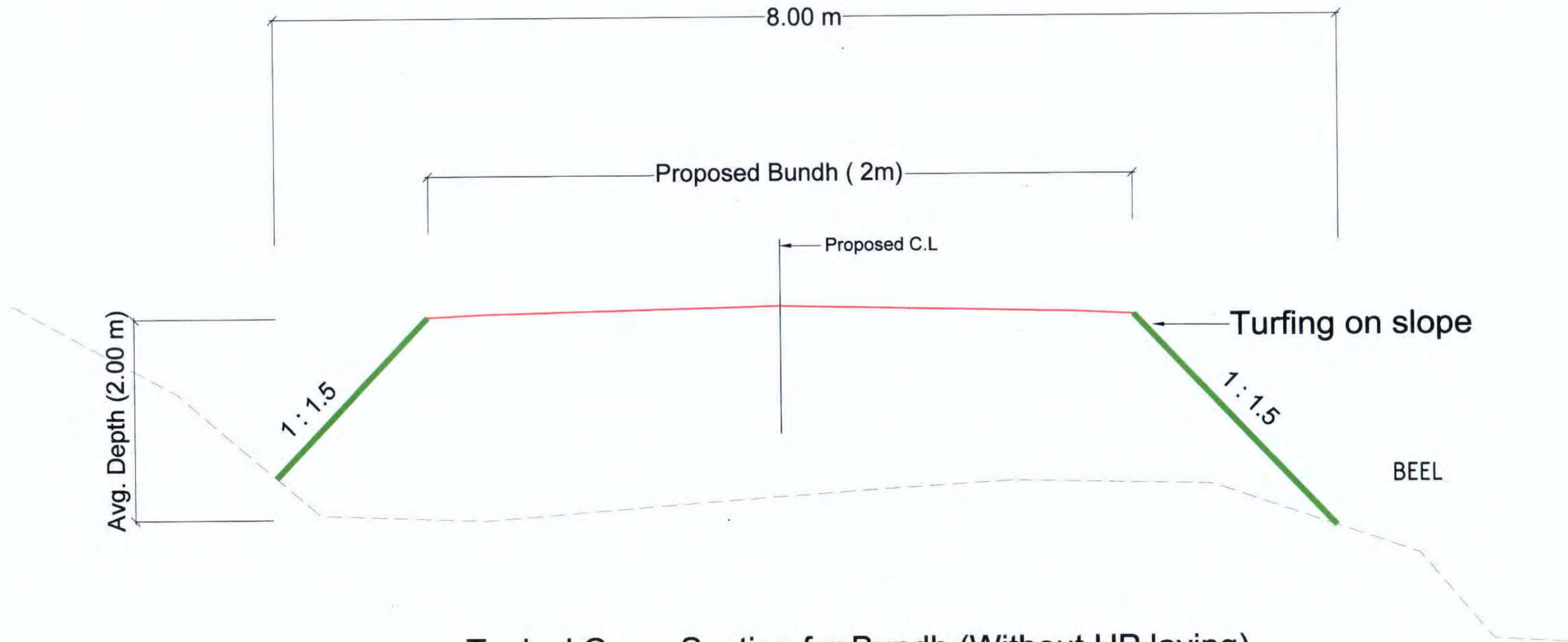
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 TYPICAL SECTION OF APPROACH ROAD

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

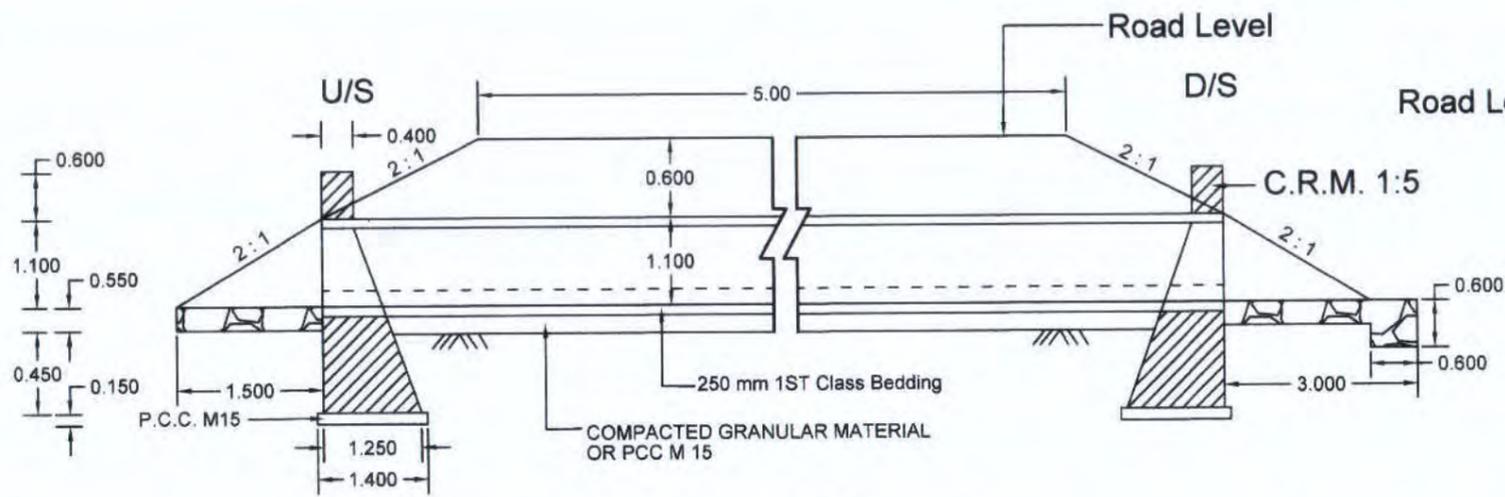
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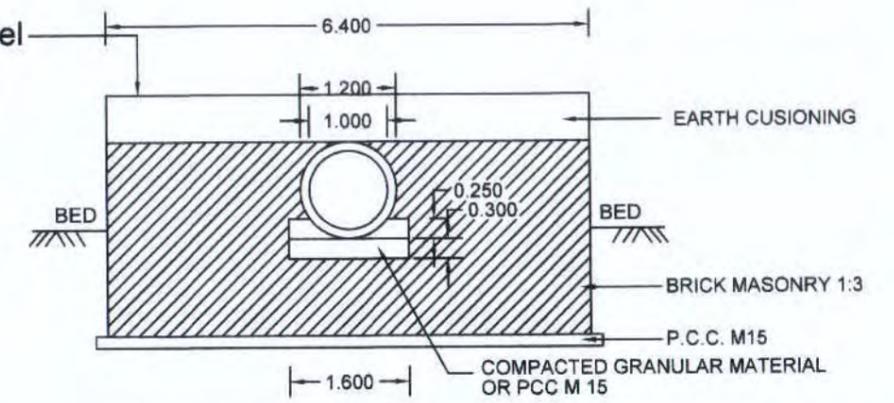
Typical Cross Section for Bundh (With HP laying)



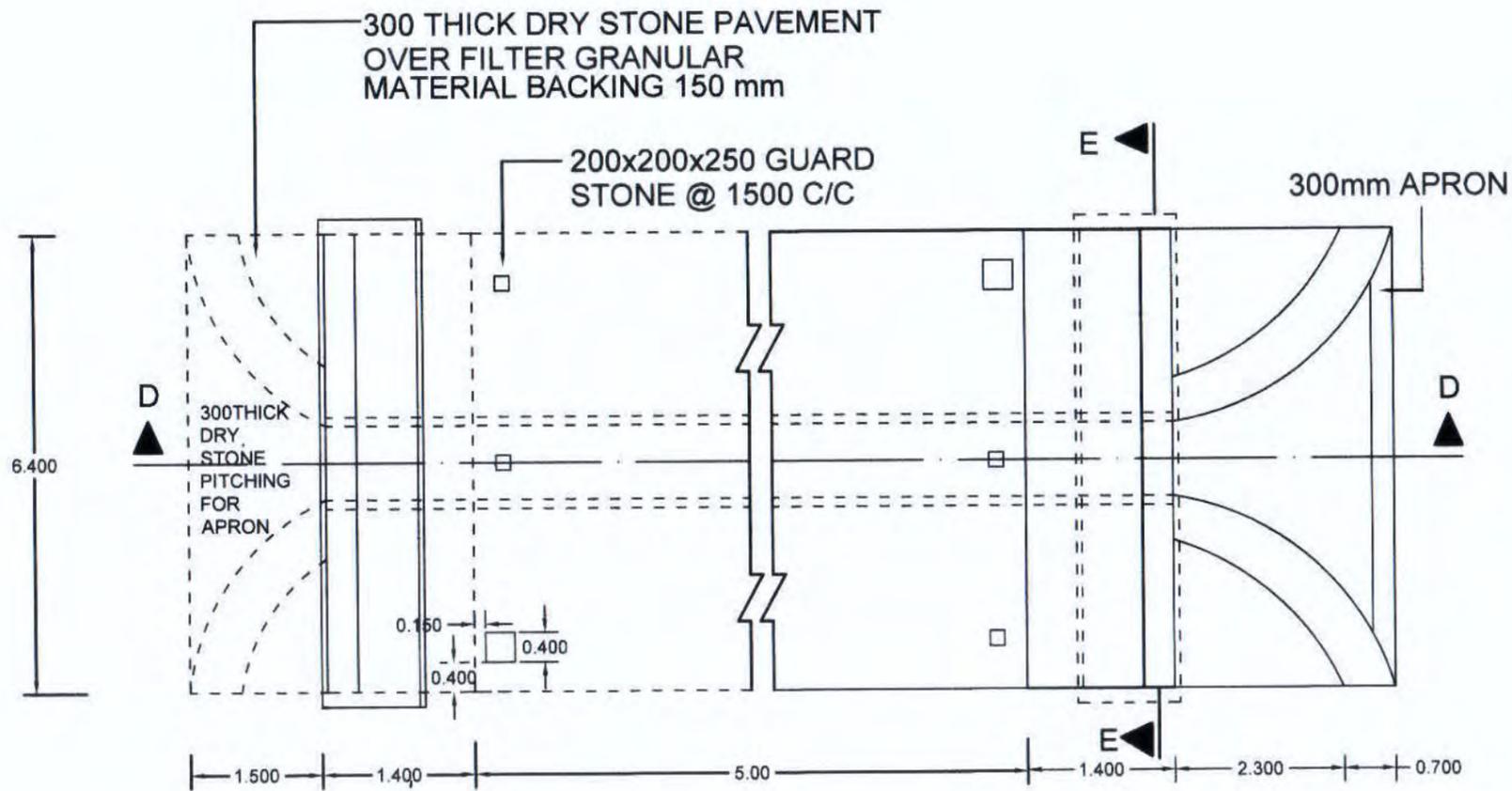
Typical Cross Section for Bundh (Without HP laying)



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



SECTION AT E - E
1000mm DIA. CULVERT



PLAN OF 1000mm DIA SINGLE ROW CULVERT

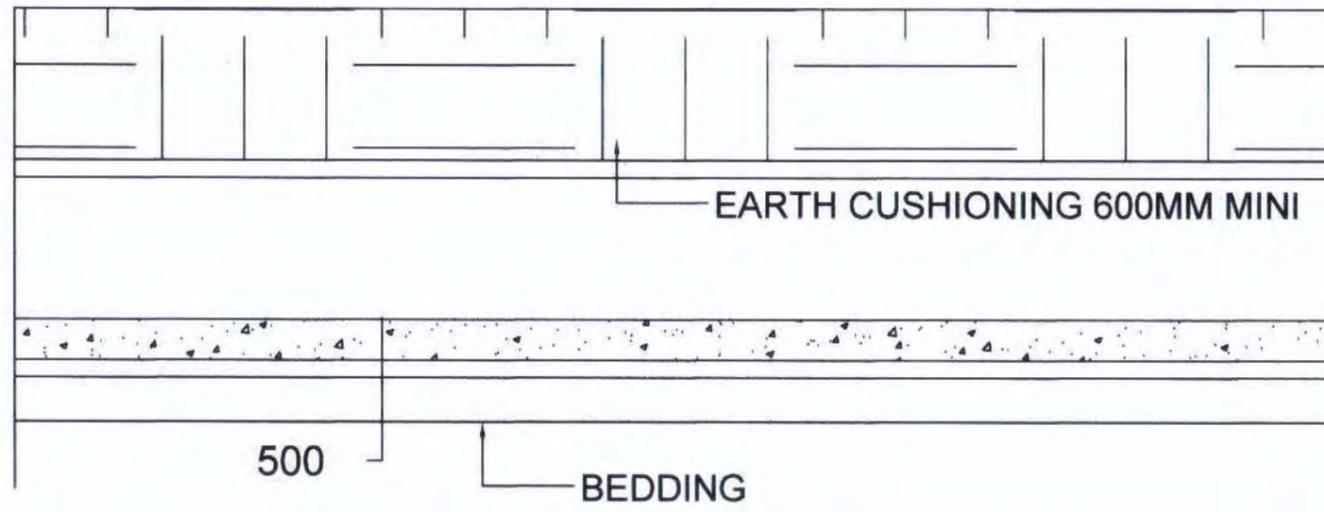
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corprt office Address
 SURVEY, Ajanis PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultantgty@gmail.com
 Regd. Office Address
 N. HAJBARGAON, M.D.ROAD,
 NAGAON, ASSAM, PIN-782002
 email:-basicconsultant99@gmail.com

DRAWING :
 GENERAL ARRANGEMENT OF PIPE
 CULVERT, 1000MM DIA

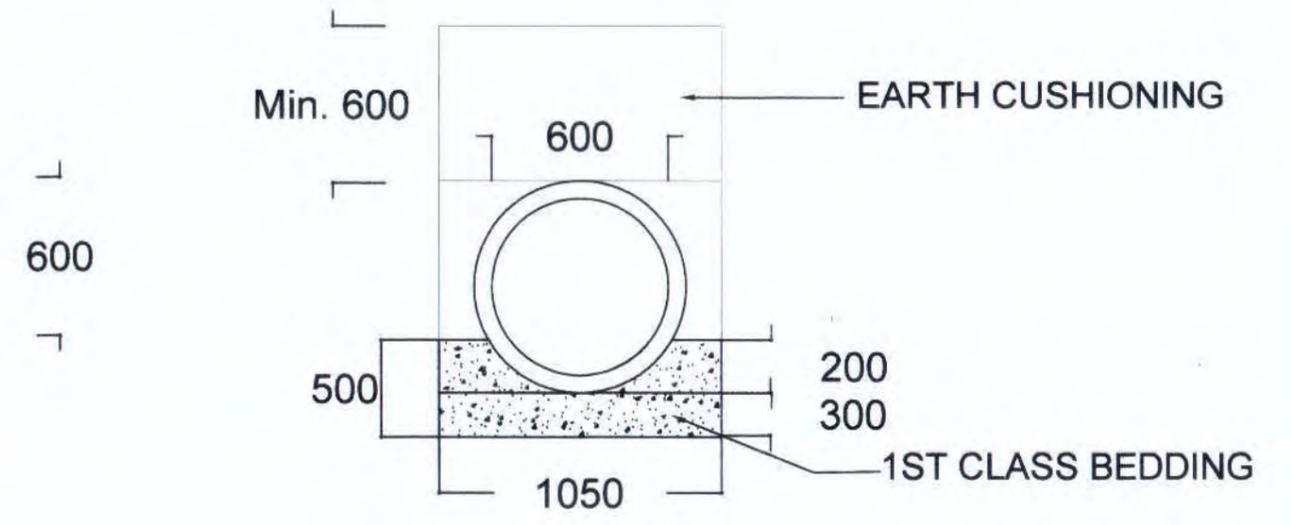
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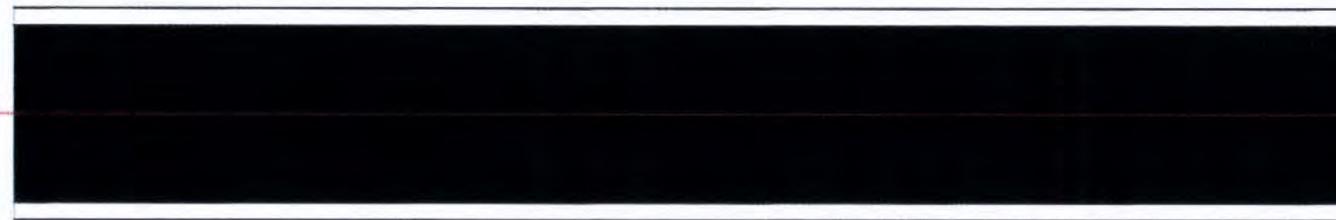
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GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



LONGITUDINAL SECTION OF HUME PIPE CULVERT



CROSS SECTION OF HUME PIPE CULVERT



PLAN OF HUME PIPE CULVERT

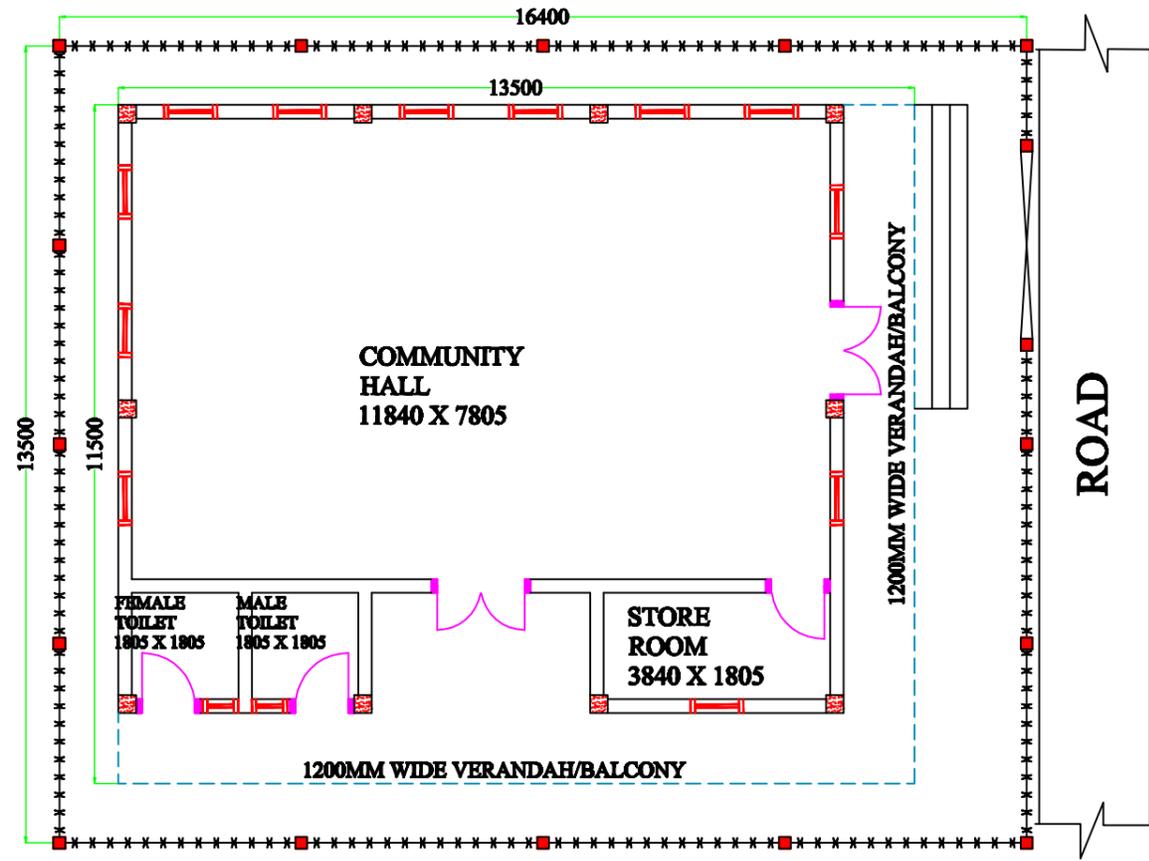
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corppt office Address
 SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultant9@gmail.com
 Regd. Office Address
 N. HABIBGAON, M.D.ROAD,
 NAGAON, ASSAM, PIN-782002
 email:-basicconsultant99@gmail.com

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

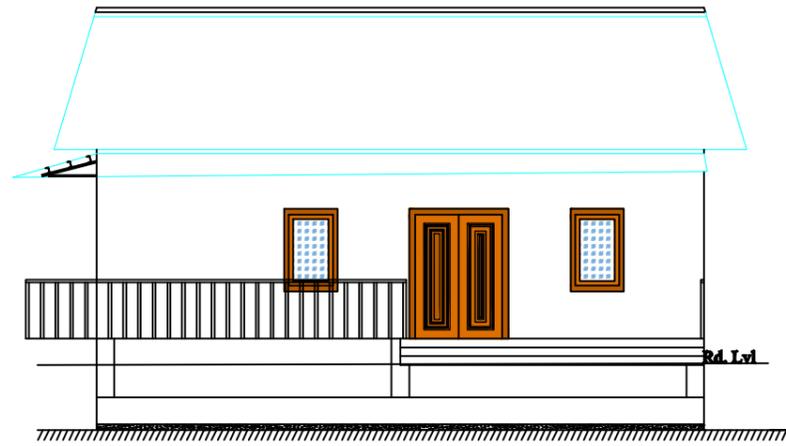
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NOT TO SCALE

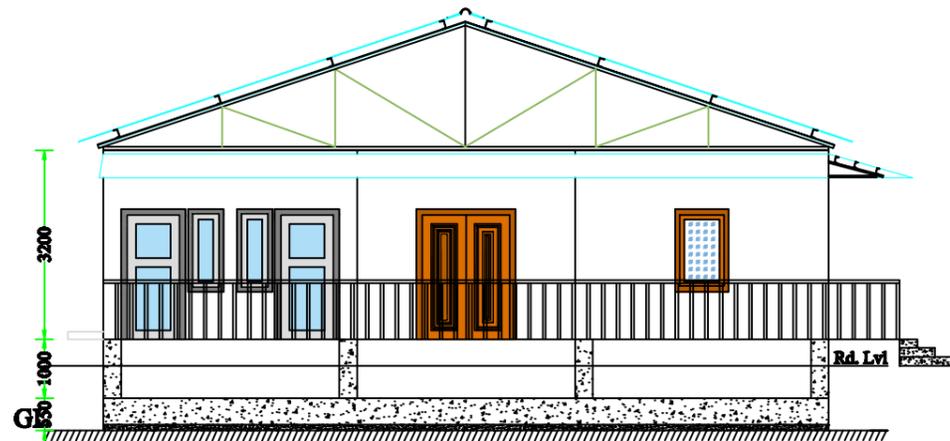
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GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



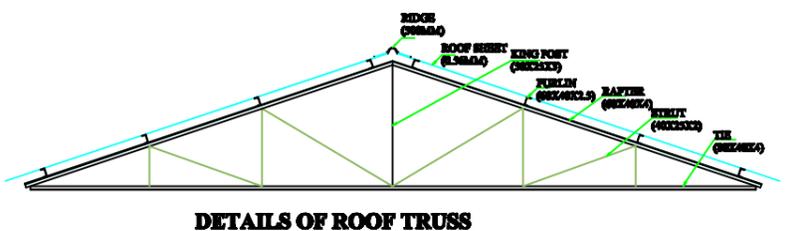
PLAN



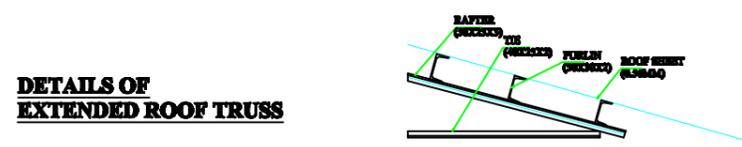
FRONT ELEVATION



SIDE ELEVATION



DETAILS OF ROOF TRUSS



DETAILS OF EXTENDED ROOF TRUSS

COMPONENT	QUANTITY	SIZE
MAIN DOOR	1 Nos.	1500mm x 2100mm
BACK DOOR	1 Nos.	1500mm x 2100mm
STORE ROOM DOOR	1 Nos.	900mm x 2100mm
TOILET DOOR	2 Nos.	900mm x 2100mm
MAIN WINDOW	12 Nos.	900mm x 1200mm
TOILET WINDOW	2 Nos.	600mm x 1200mm

Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Carpet Office Address
 SURVEY, Plot No. 10/11, HOUSE NO-07, GURUMATI,
 KAMRUP (M), ASSAM, PIN-781001.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 N. RAMANANDA, B.D.ROAD,
 NAGARH, ASSAM, PIN-781001
 email:-basicconsultant09@gmail.com

DRAWING :
 PLAN & ELEVATION

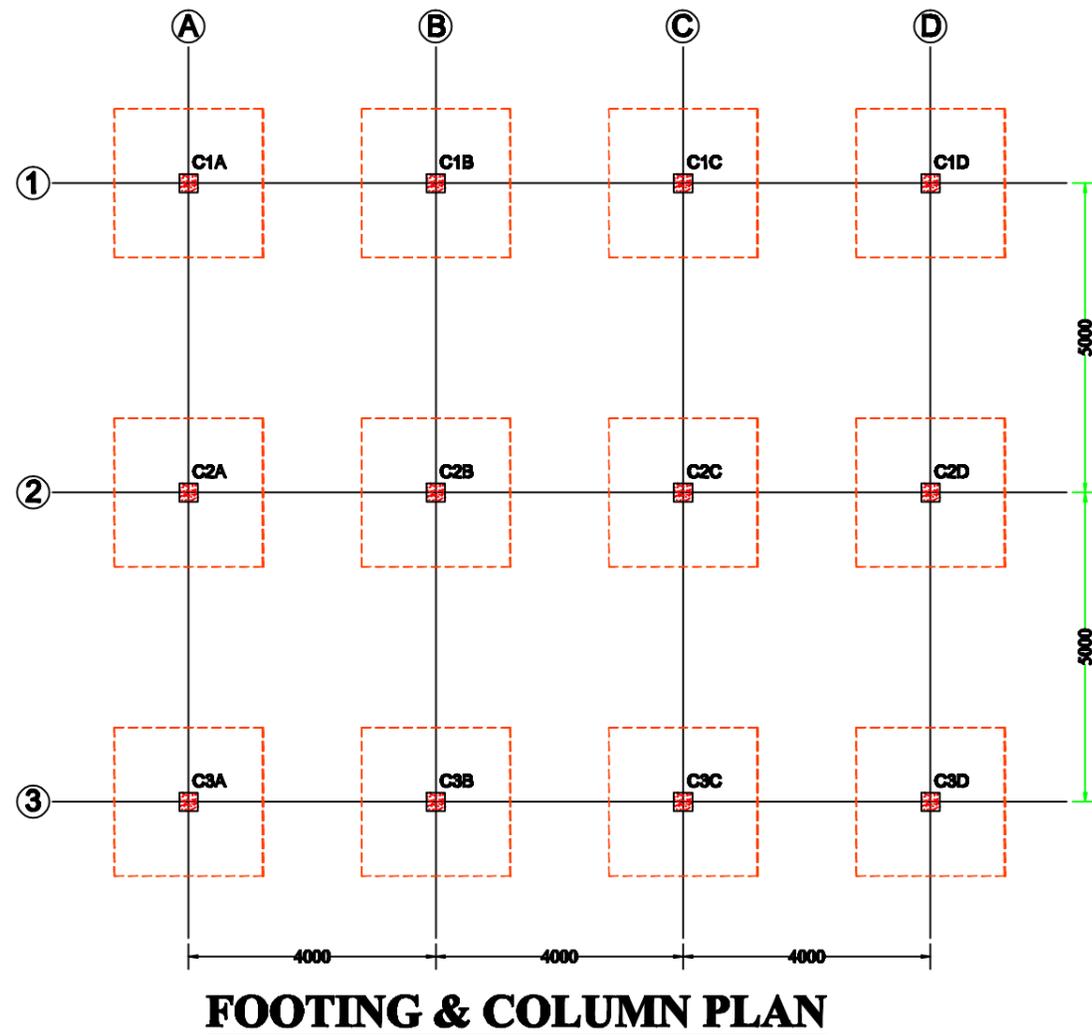
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 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

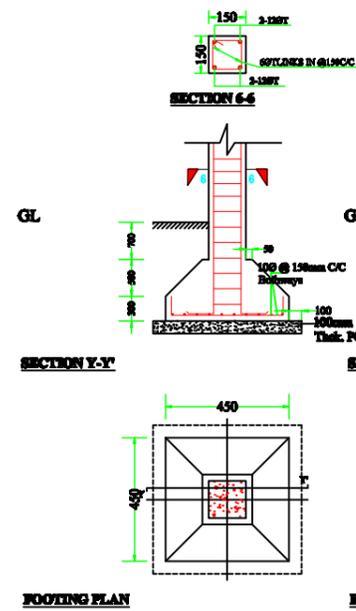
DRAWING CONTENTS: COMMUNITY HALL

NOT TO SCALE

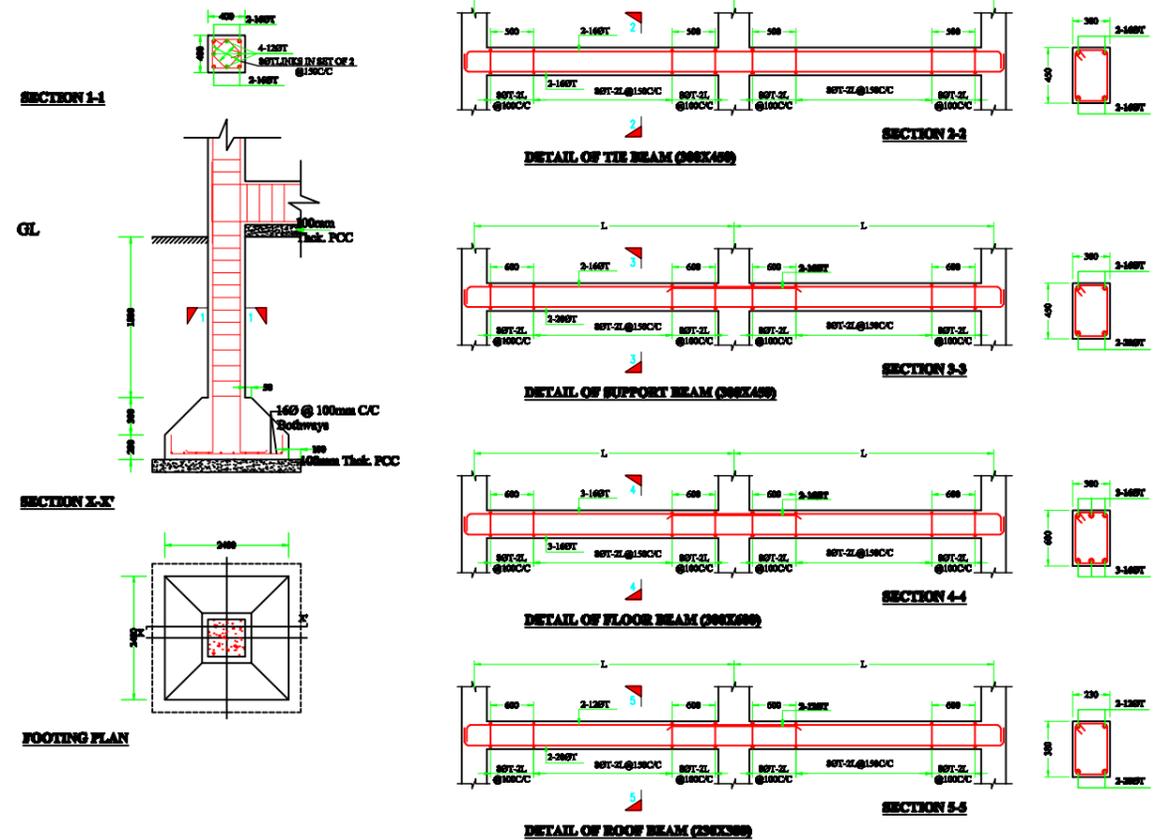
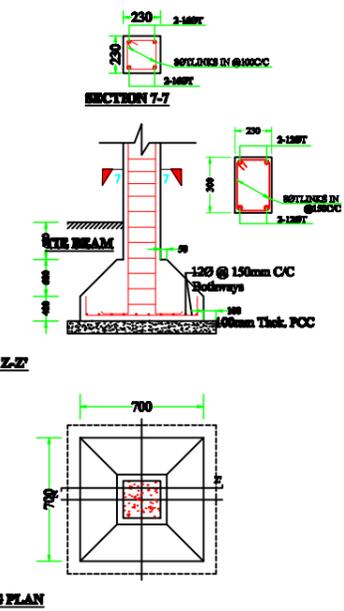
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GOVERNMENT OF ASSAM
Assam Rural Infrastructure
Agricultural Service Society



DETAILS OF RCC POST FOR CHAIN-LINK FENCING



DETAILS OF RCC POST FOR GATE



Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corpt. Office Address
SURVEY, Agri. PATH, HOUSE NO-07, GUWAHATI,
KAMRUPOUR (P), ASSAM, PIN-781002.
email: basicconsultant@gmail.com

Regd. Office Address
N. HANMARGH, M.B. ROAD,
HABIGHA, ASSAM, PIN-782002
email: basicconsultant@gmail.com

DRAWING :

LAYOUT OF COLUMN

DRAWING No. :

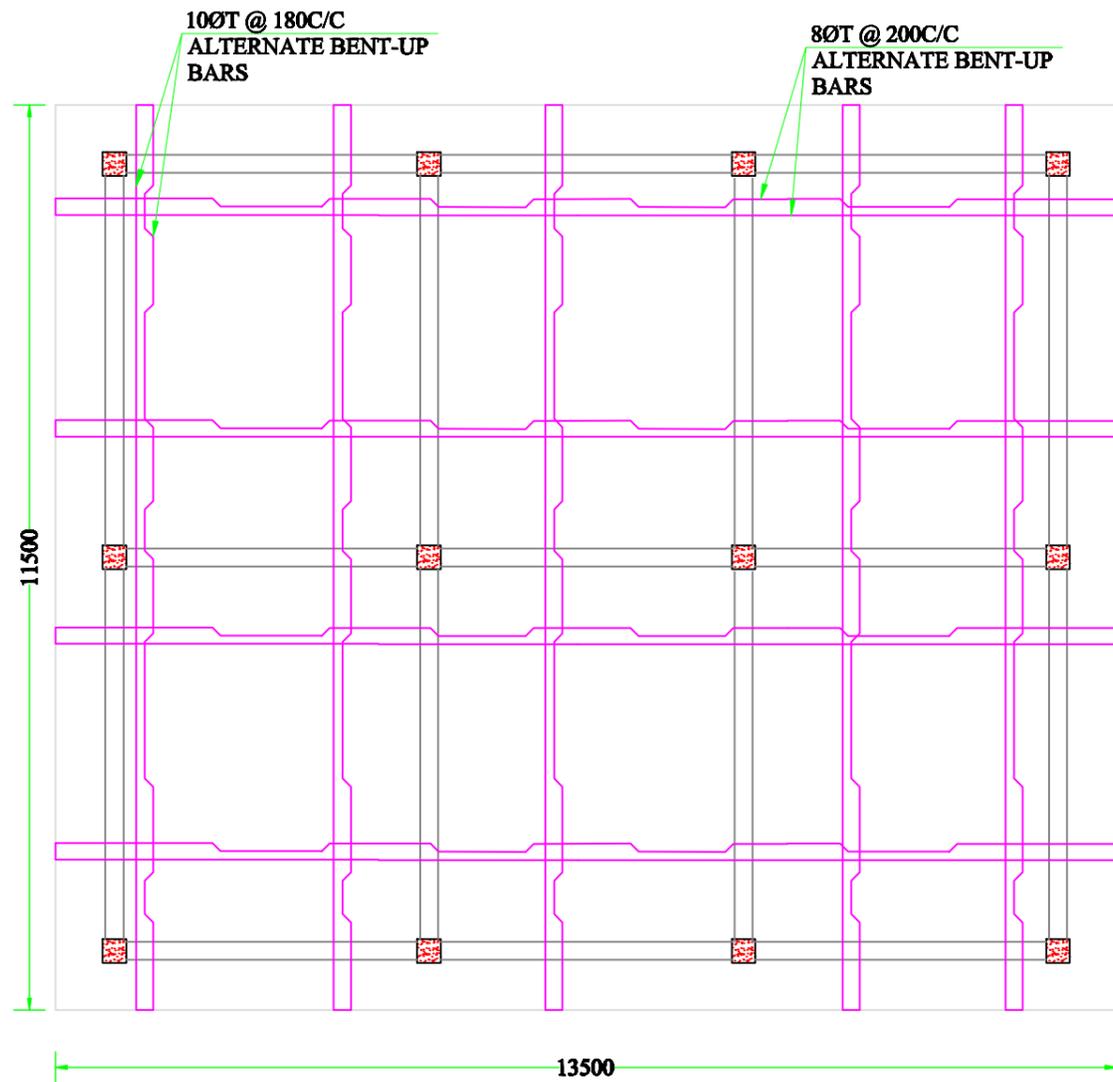
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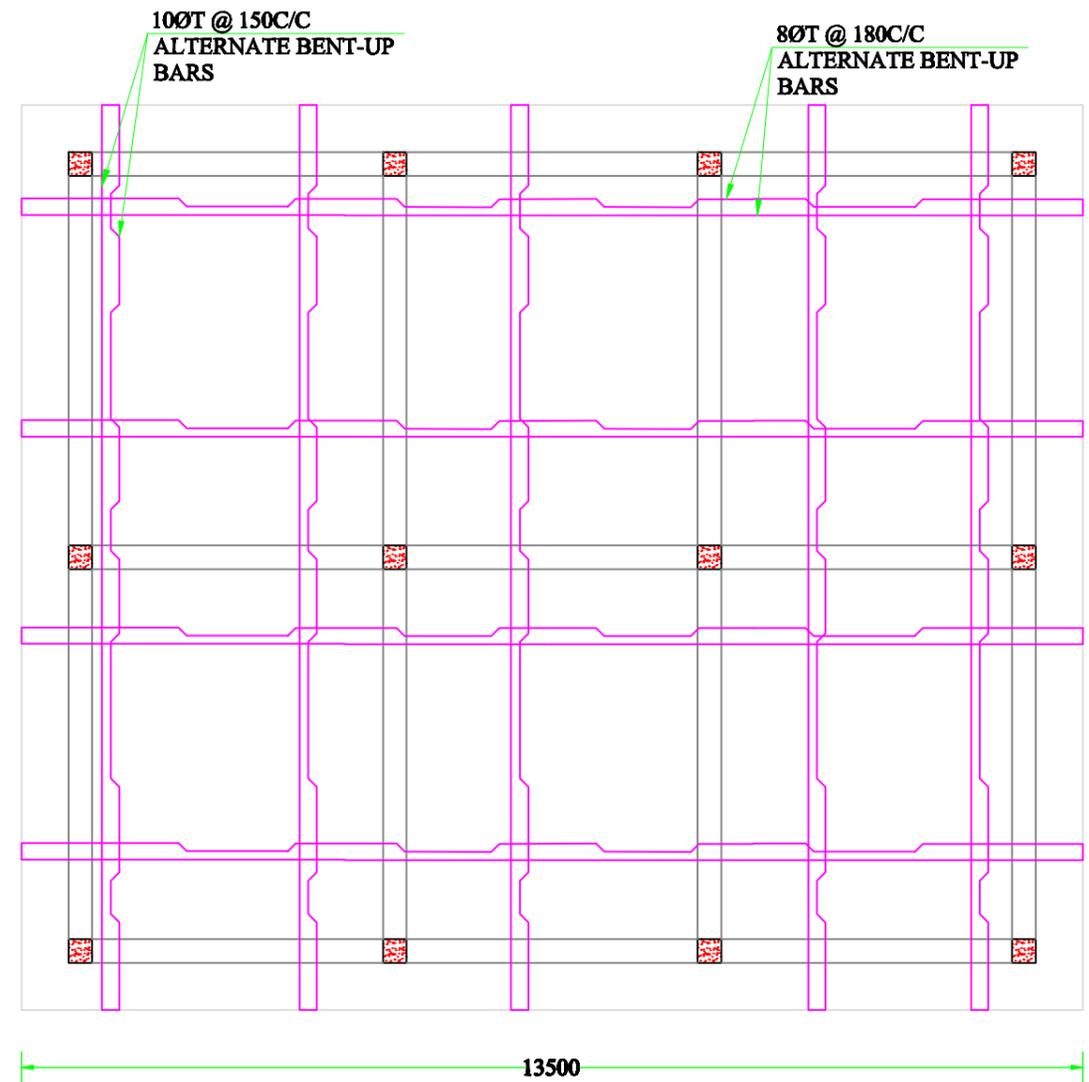
DRAWING CONTENTS: COMMUNITY HALL

NOT TO SCALE

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**DETAIL OF ROOF SLAB
(SLAB THICKNESS : 125mm)**



**DETAIL OF FLOOR SLAB
(SLAB THICKNESS : 150mm)**

Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corporate Office Address
SURVEY, Abanipali, HOUSE NO-87, GURUMATI,
KAMRUP (M), ASSAM, PIN-781005.
email:-basicconsultant@gmail.com
Regional Office Address
N. RAMANBARI, B.D.ROAD,
BARSAK, ASSAM, PIN-781005
email:-basicconsultant@gmail.com

DRAWING :
DETAIL OF ROOF SLAB & DETAIL OF FLOOR SLAB

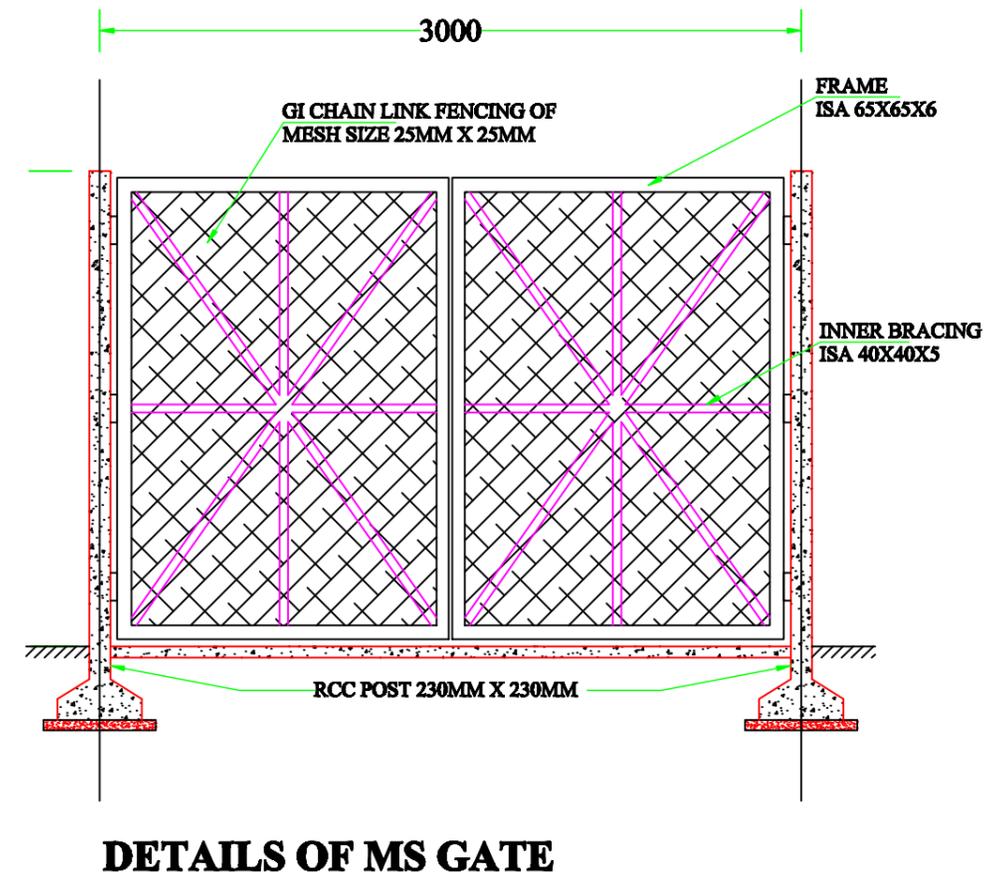
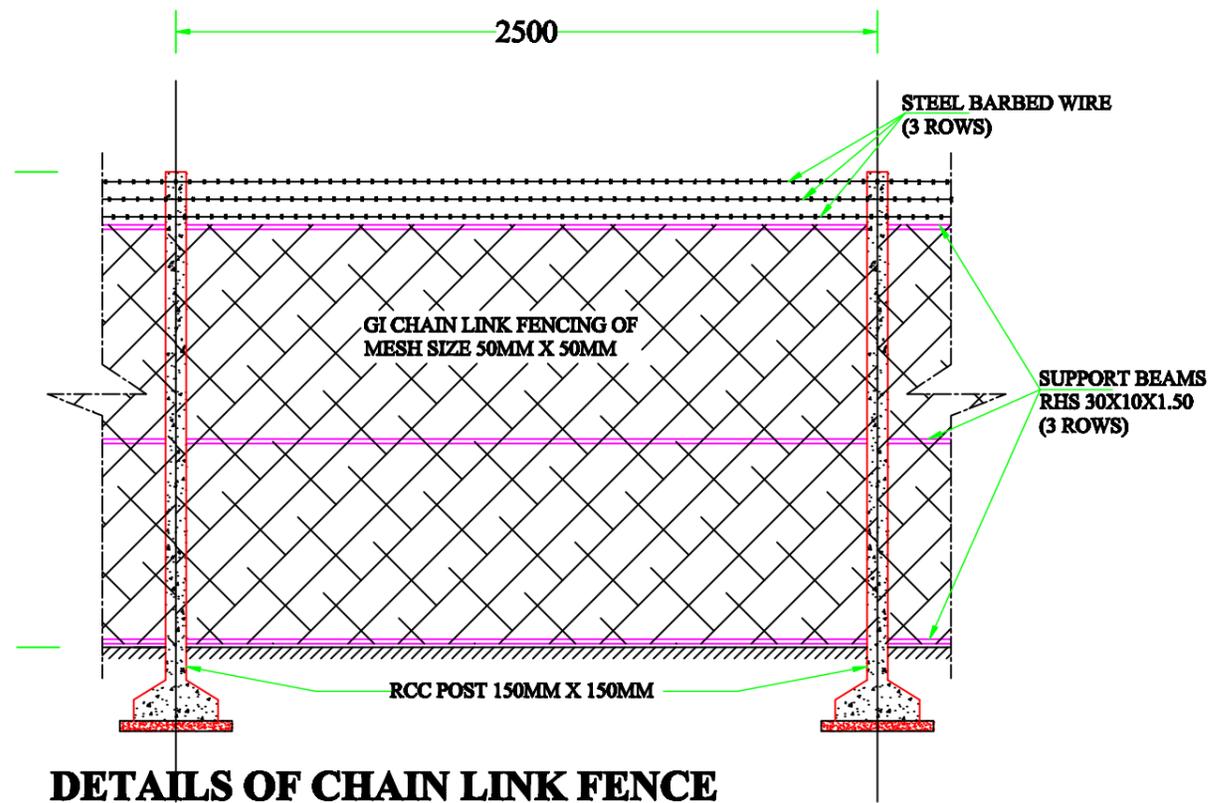
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Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

DRAWING CONTENTS: COMMUNITY HALL

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Assam Rural Infrastructure
Agricultural Service Society



Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Carpet Office Address
 SURVEY, Agaria PATH, HOUSE NO-47, GURAMATI,
 KAMRUP Dist, ASSAM, PIN-781005.
 email:-basicconsultant@gmail.com
 Regd. Office Address
 N. RAMANBACH, B.D.ROAD,
 NABAGHAT, ASSAM, PIN-781005
 email:-basicconsultant@gmail.com

DRAWING :
DETAILS OF CHAIN LINK FENCE & DETAILS OF MS GATE

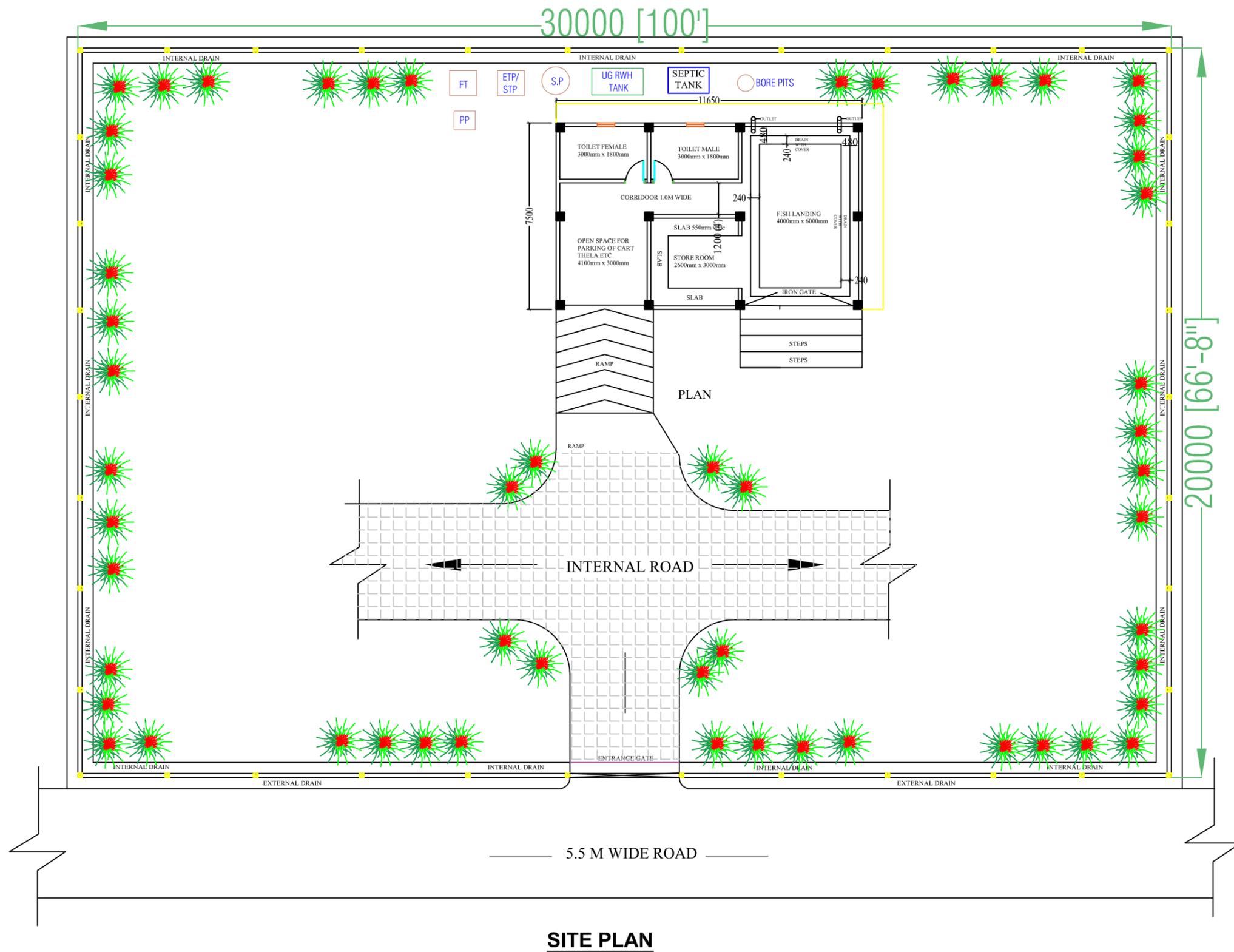
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 Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT) Project

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

DRAWING CONTENTS: COMMUNITY HALL

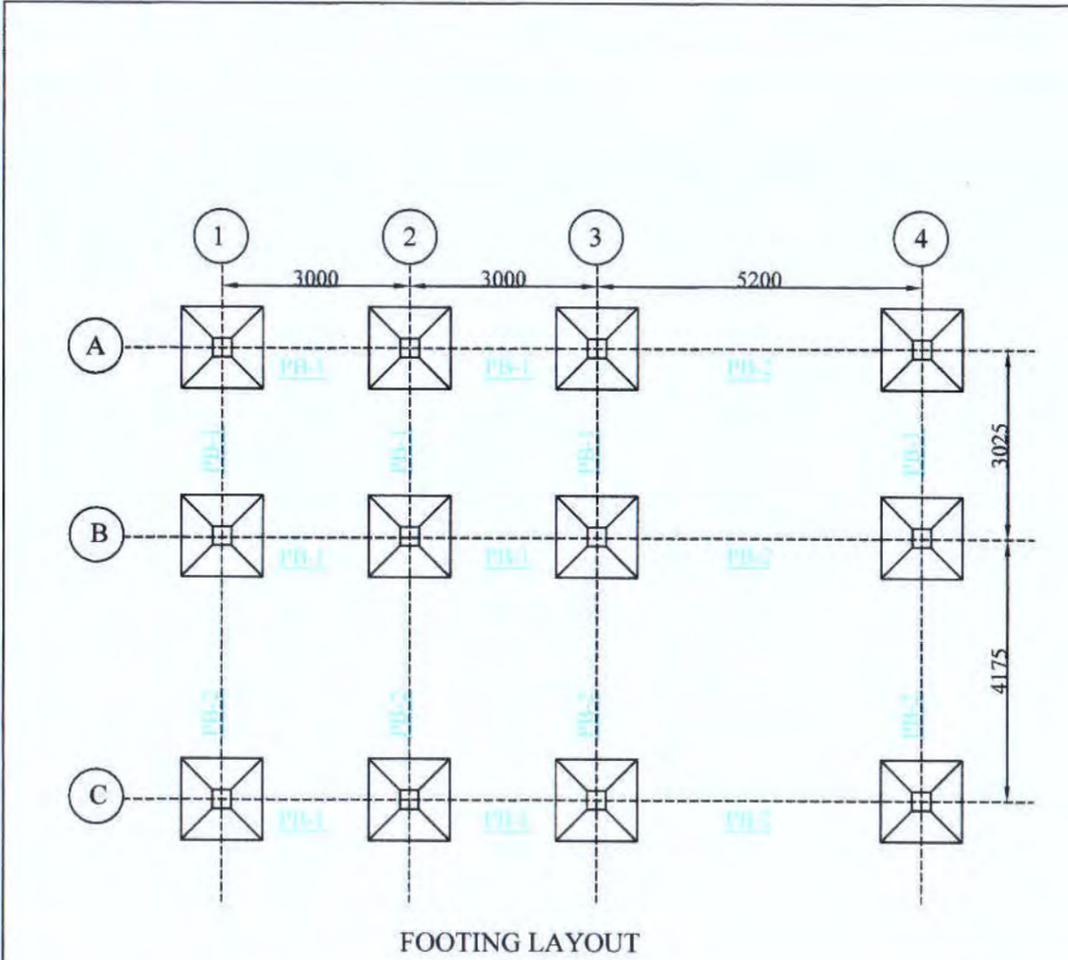
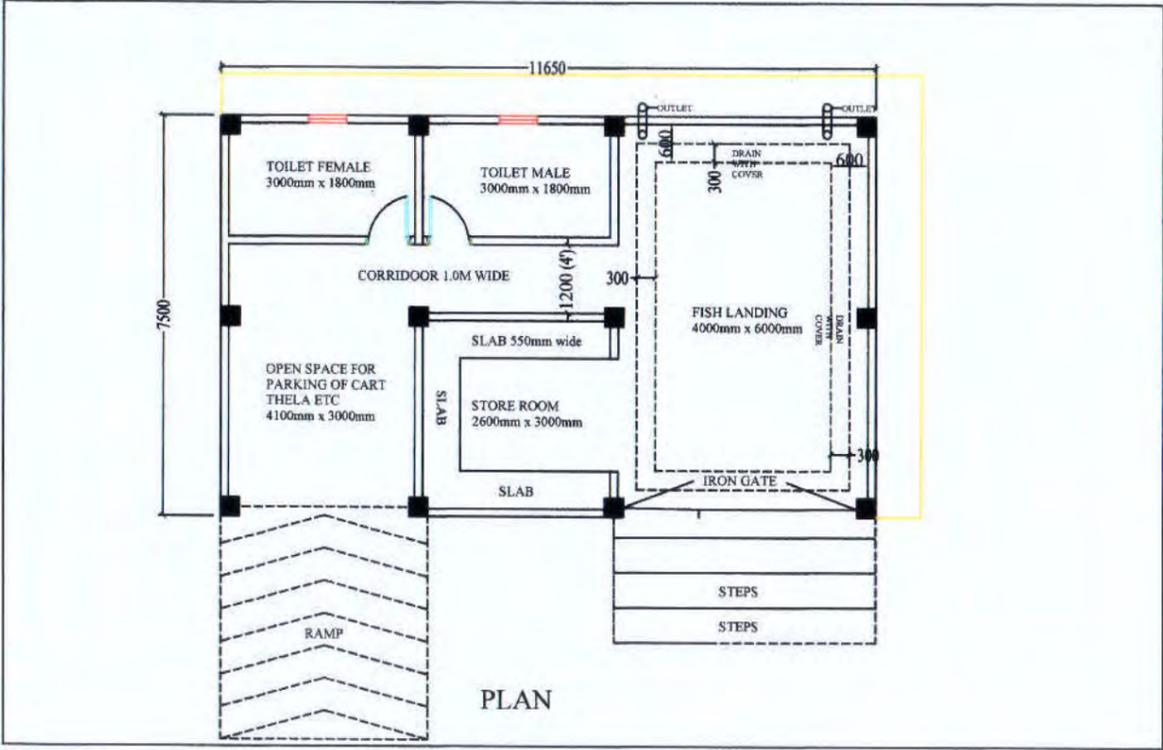
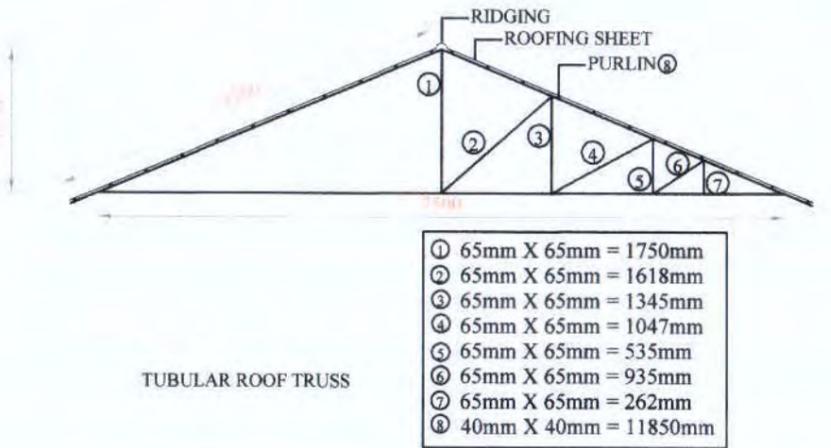
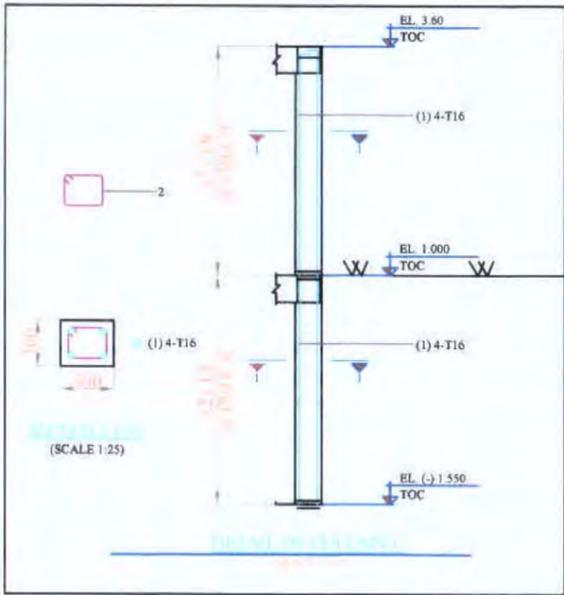
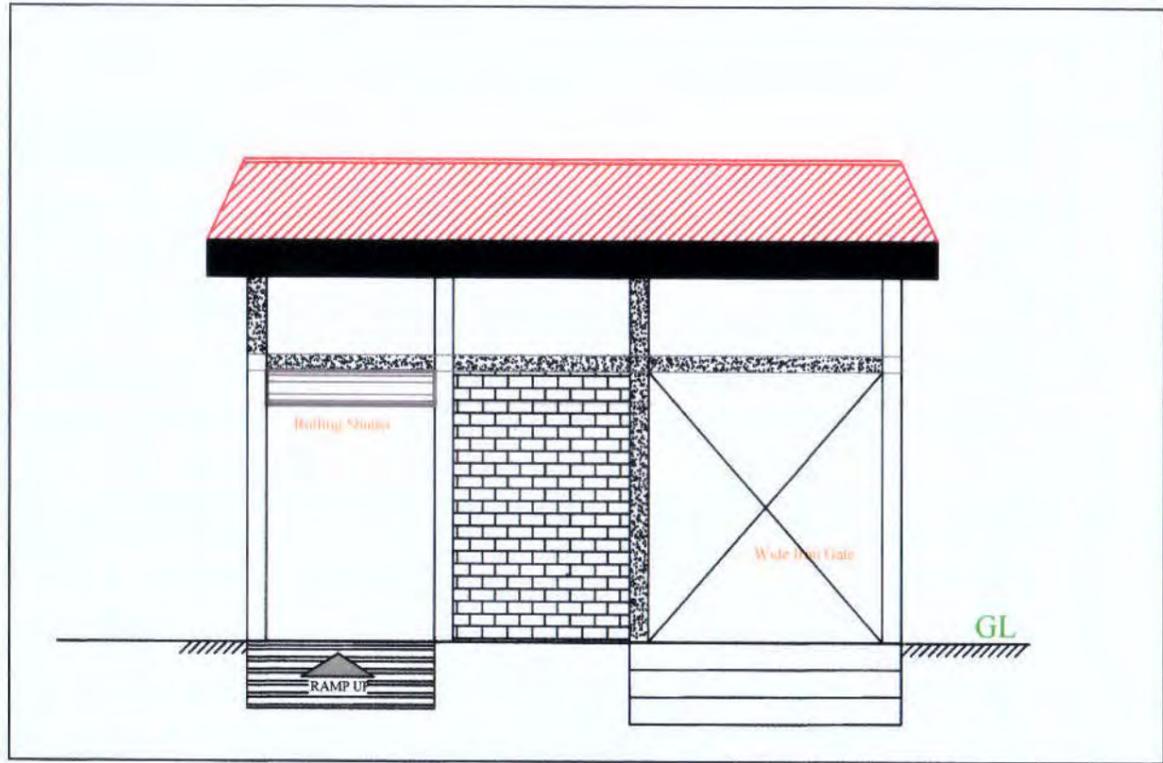
NOT TO SCALE

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Assam Rural Infrastructure
Agricultural Service Society



SITE PLAN

<p>Prepared by BASIC CONSULTANT (ENGINEERING CONSULTANT)</p> <p>Corprt office Address SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI, KAMRUP (M), ASSAM, PIN-781028, email:-basicconsultantghy@gmail.com</p> <p>Regd. Office Address N, HAIBARGAON, H.D.ROAD, NAGAON, ASSAM, PIN-782002 email:-basicconsultant99@gmail.com</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/05</p> <p>DRAWING CONTENTS: FISH LANDING CENTRE</p>	<p>NOT TO SCALE</p>	<p>ARIAS Society GOVERNMENT OF ASSAM Assam Rural Infrastructure Agricultural Service Society</p>
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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

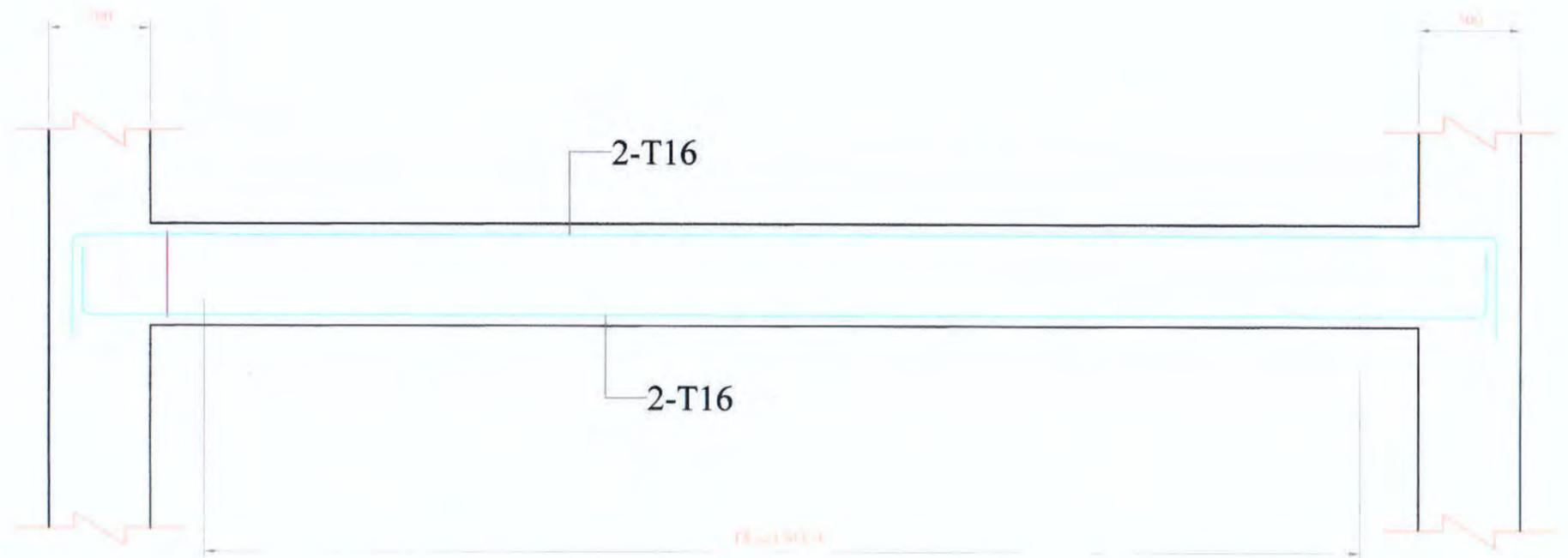
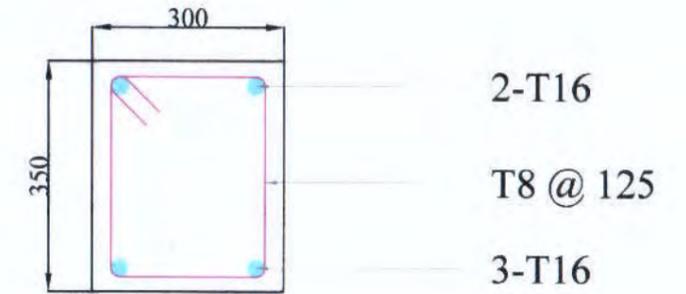
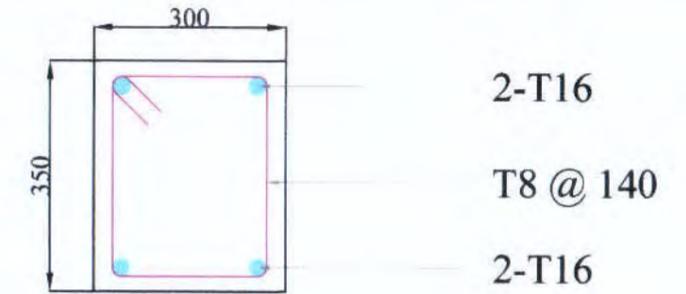
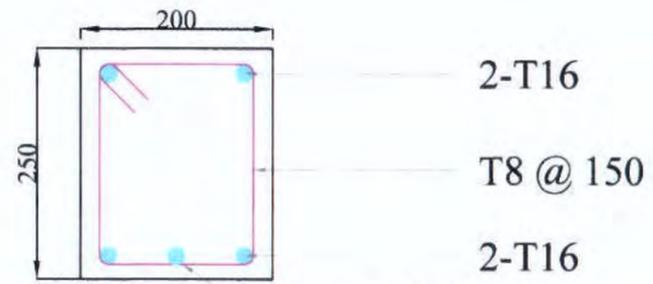
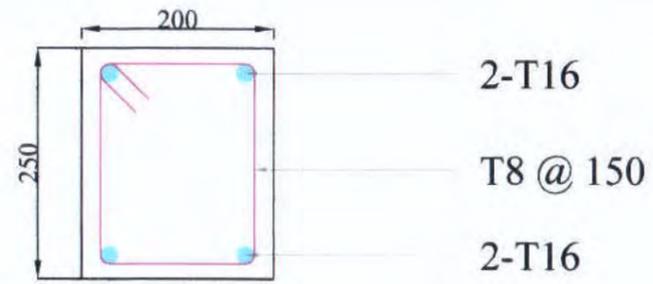
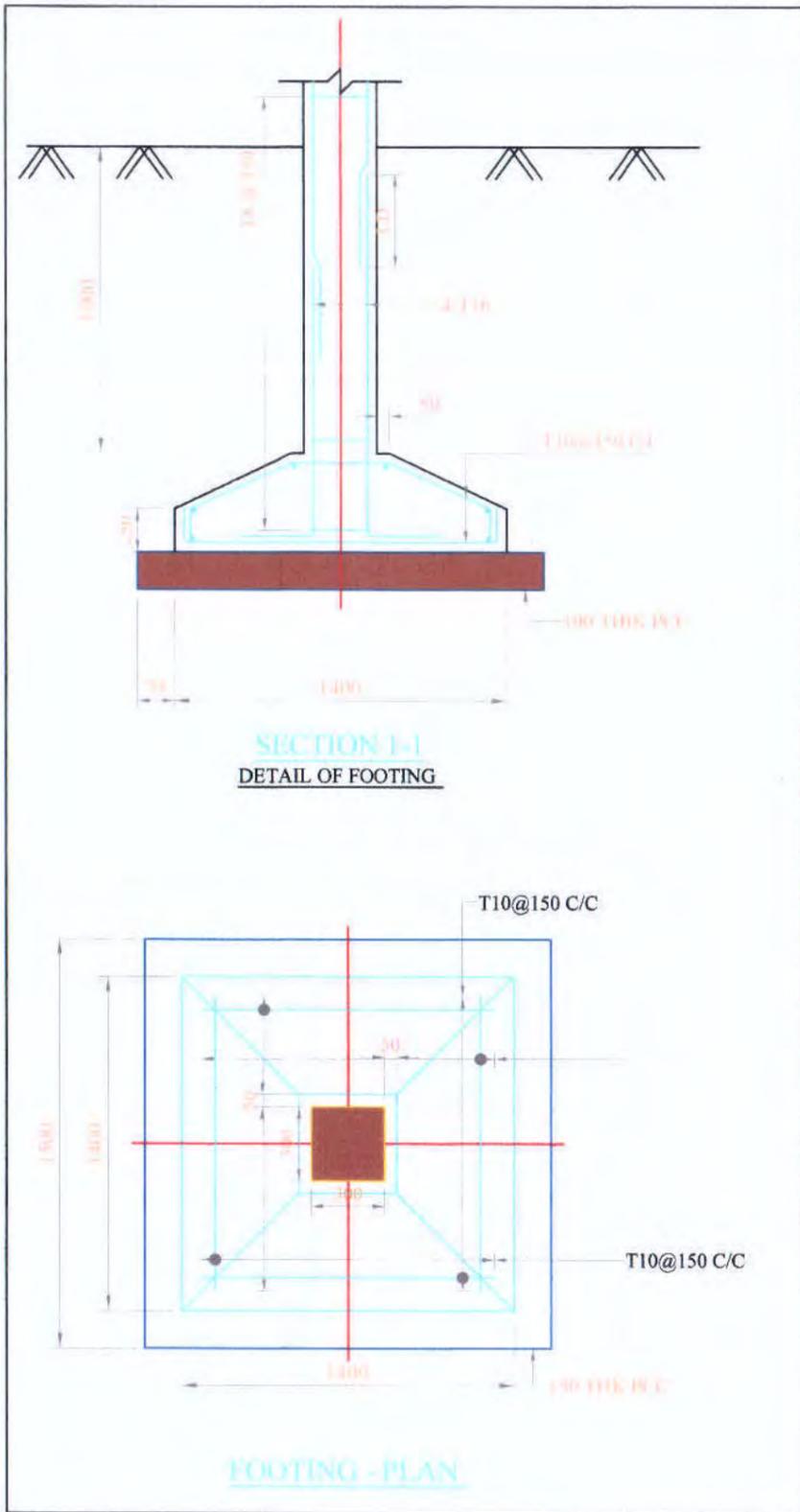
Prepared by
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corprt office Address
 SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781025.
 email:-basicconsultantghy@gmail.com
 Regd. Office Address
 N. HAIBARGAON, M.D. ROAD,
 NAGAON, ASSAM, PIN-782002
 email:-basicconsultant99@gmail.com

DRAWING :
 PLAN, ELEVATION & CS OF FISH
 LANDING CENTRE

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

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

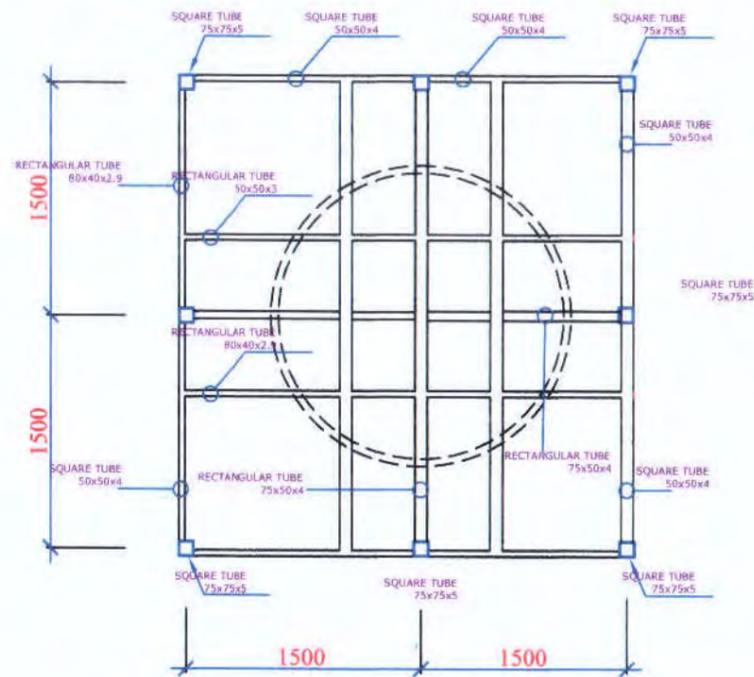
Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)
Corprt office Address
SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI,
KAMRUP (N), ASSAM, PIN-781022.
email:-basicconsultantghy@gmail.com
Regd. Office Address
N. HAIBARGAON, M.D.ROAD,
NAGAON, ASSAM, PIN-782002
email:-basicconsultant99@gmail.com

DRAWING :
STRUCTURAL DETAILS OF
FISH LANDING UNIT

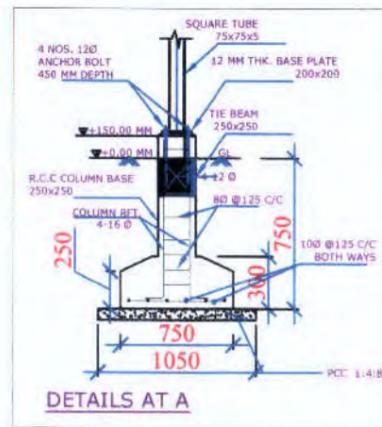
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ASSAM/SWIFT/GR-08/SD/05(B)

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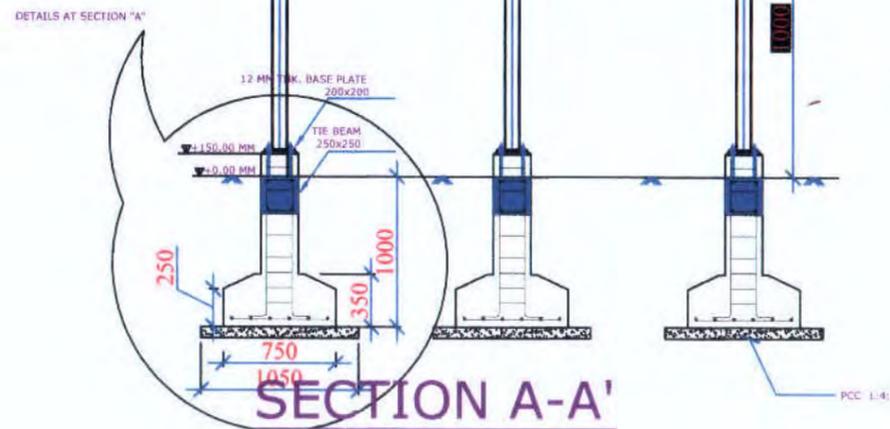
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ARRANGEMENT OF TOP PLATFORM



DETAILS AT A



SECTION A-A'

NOTES :-

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

Prepared by
BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Company Address
SURVEY, Ajeeta PATH, HOUSE NO-27, GUMAHATI,
KAMRUP (M), ASSAM, PIN-781028,
email:- basicconsultant@yahoo.com

Head Office Address
N. HARBANGAON, H.D. ROAD,
NAGAON, ASSAM, PIN-782002
email:- basicconsultant59@gmail.com

DRAWING :
OVER HEAD TANK

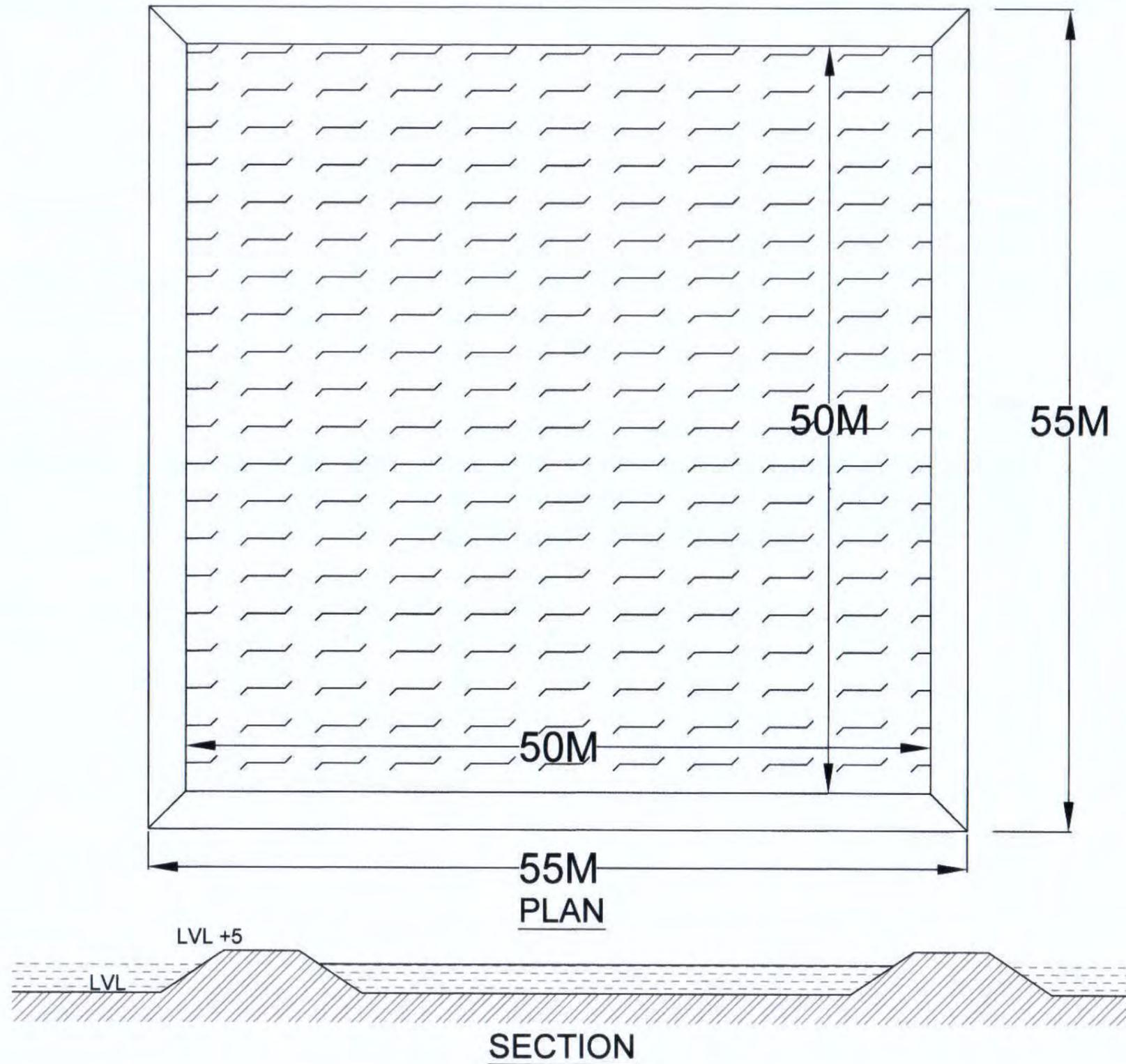
DRAWING NO. :
ASSAM/SWIFT/GR-08/SD/06

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TYPICAL PLAN & SECTION OF REARING TANK



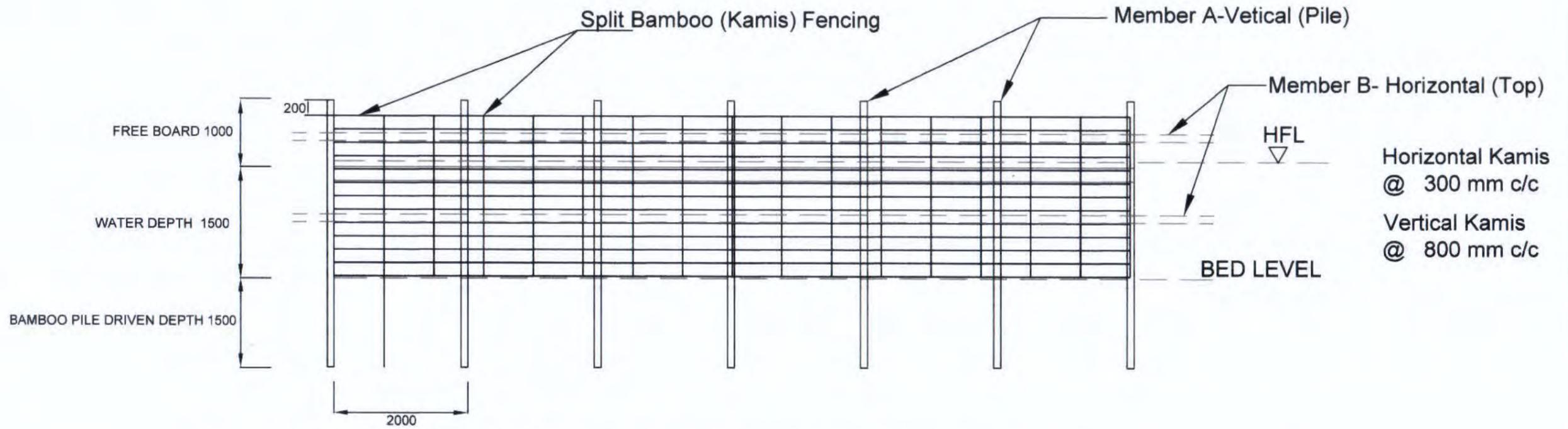
BASIC CONSULTANT
 (ENGINEERING CONSULTANT)
 Corpri office Address
 SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI,
 KAMRUP (M), ASSAM, PIN-781028.
 email:-basicconsultantghy@gmail.com
 Regd. Office Address
 N. HAIBARGACH, M.D. ROAD,
 NAGAON, ASSAM, PIN-782002
 email:-basicconsultant199@gmail.com

DRAWING :
 PLAN & TYP. CS OF REARING TANK

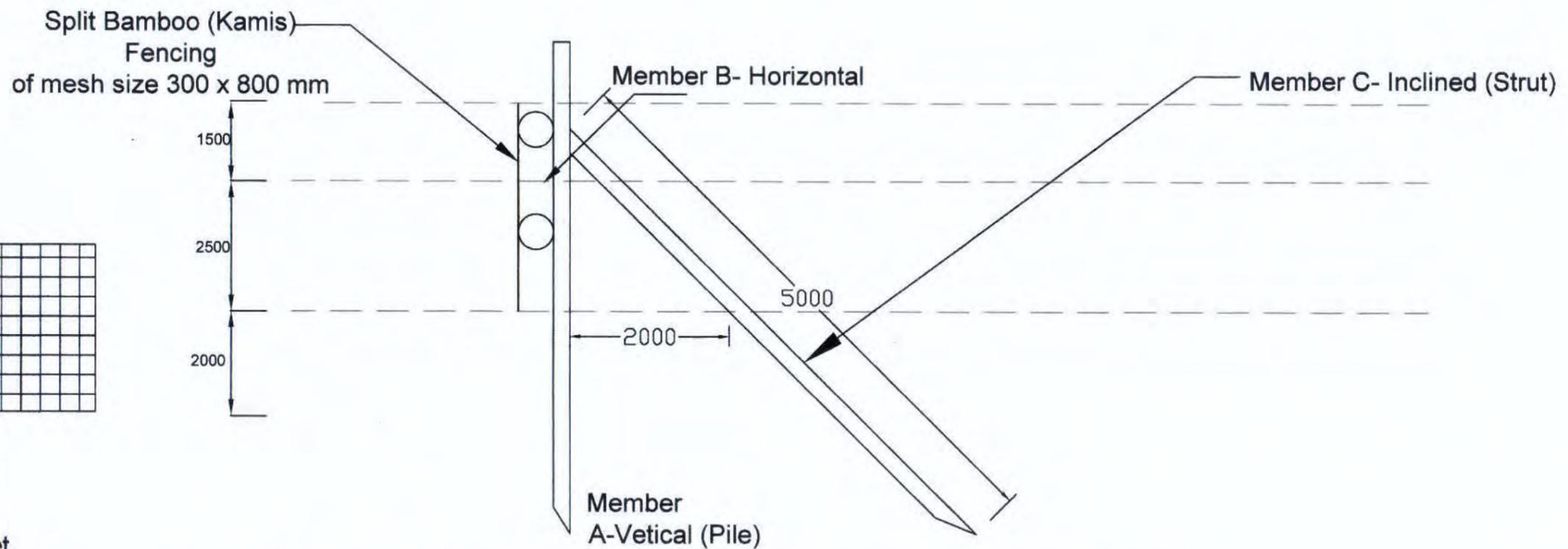
DRAWING No. :
 ASSAM/SWIFT/GR-08/SD/07

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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)

Corprt office Address
SURVEY, Ajmha PATH, HOUSE NO-27, GUNAHATI,
KAMRUP (M), ASSAM, PIN-781028.
email:-basicconsultant@yahoo.com
Regd. Office Address
N. HABARGAON, N.D.ROAD,
NAGACH, ASSAM, PIN-782002
email:-basicconsultant99@gmail.com

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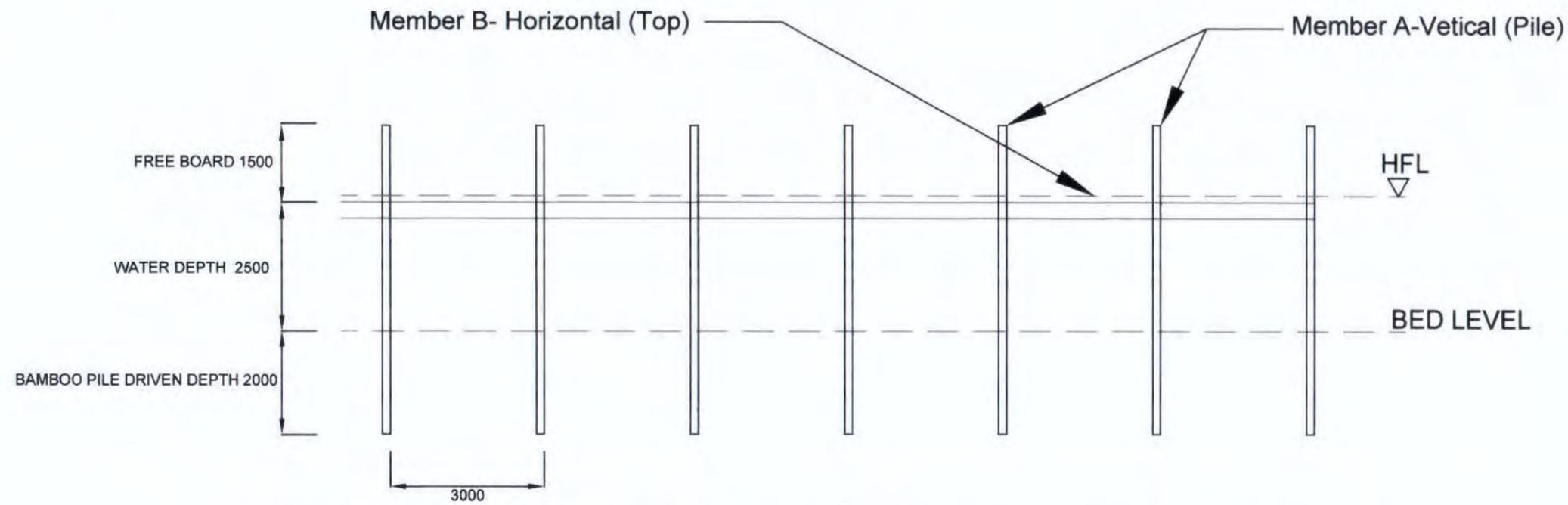
GENERAL ARRANGEMNT OF PEN CULTURE

DRAWING No. :

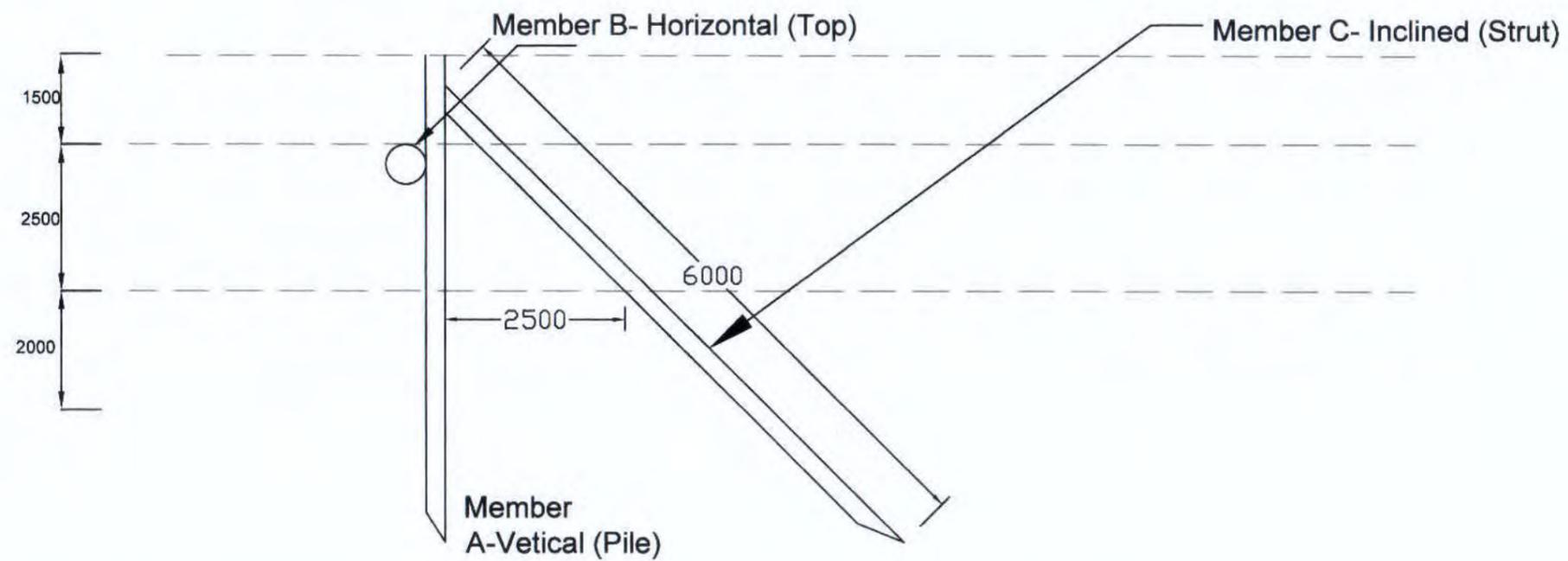
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KATAL / CATTLE FISHING STRUCTURE AT BEEL / WETLAND FISHERIES. (FRONT - ELEVATION)



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

BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corprt office Address
SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI,
KAMRUP (M), ASSAM, PIN-781028.
email:-basicconsultant9@gmail.com

Regd. Office Address
N. HAIBARGAON, M.D.ROAD,
NAGAON, ASSAM, PIN-782002
email:-basicconsultant9@gmail.com

DRAWING :

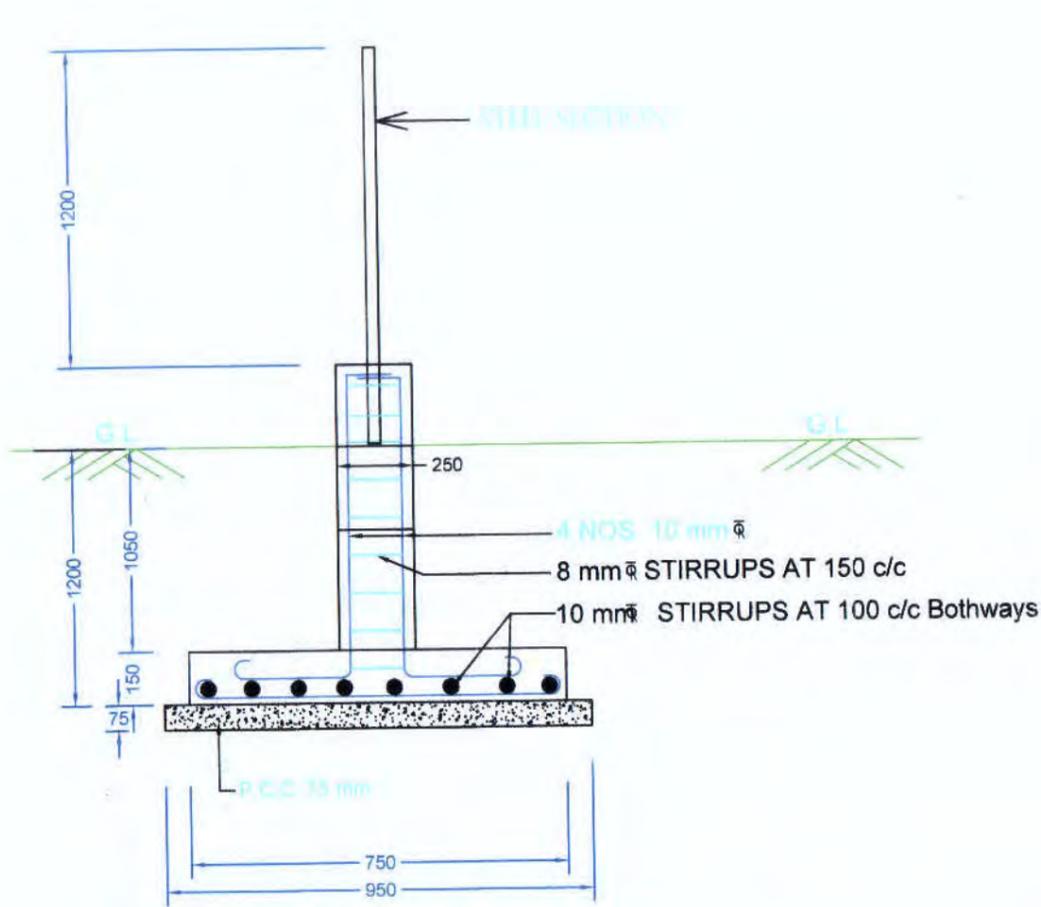
GENERAL ARRANGEMNT OF KATAL/JENG

DRAWING No. :

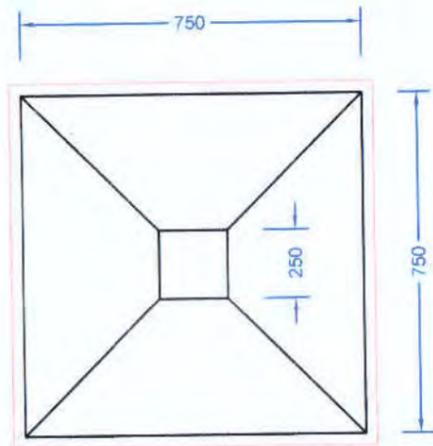
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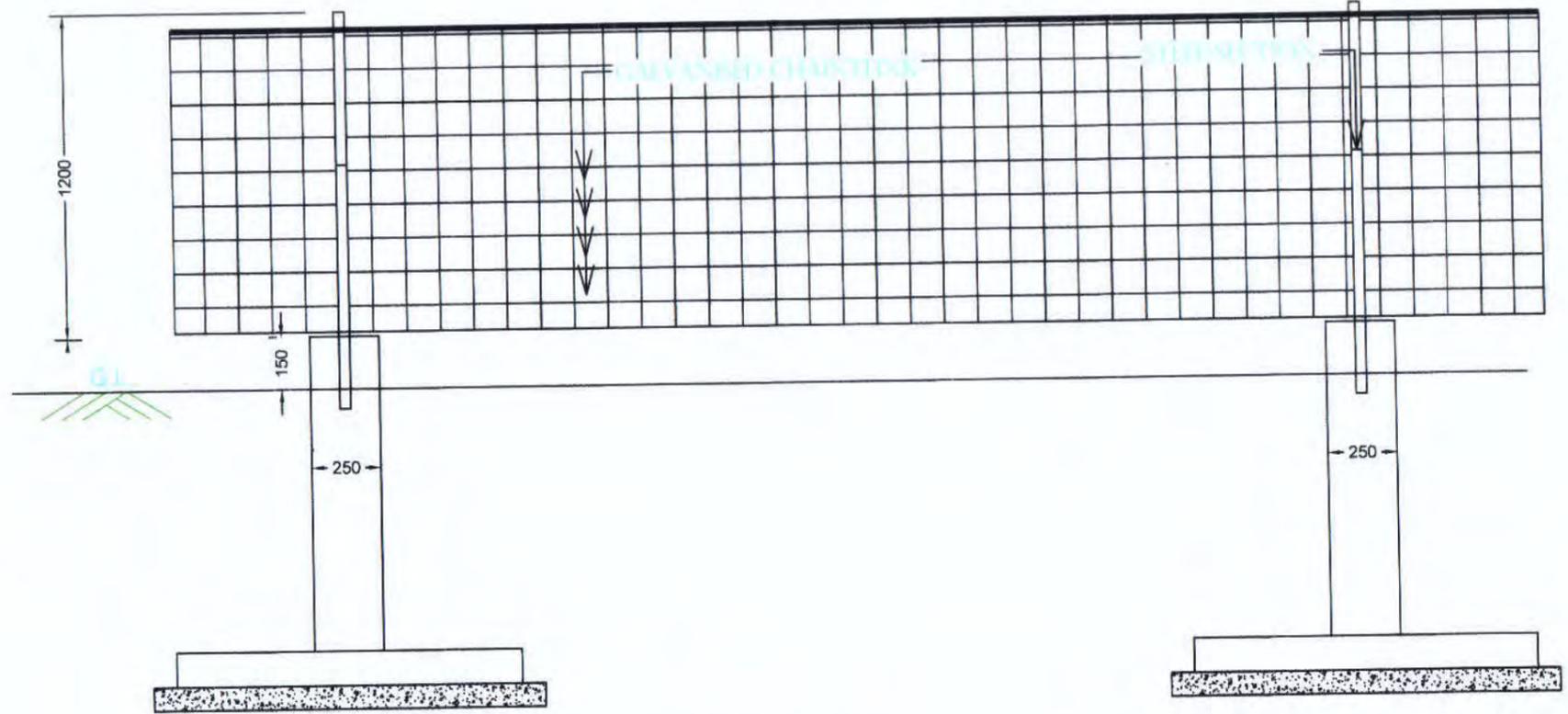
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Assam Rural Infrastructure
Agricultural Service Society



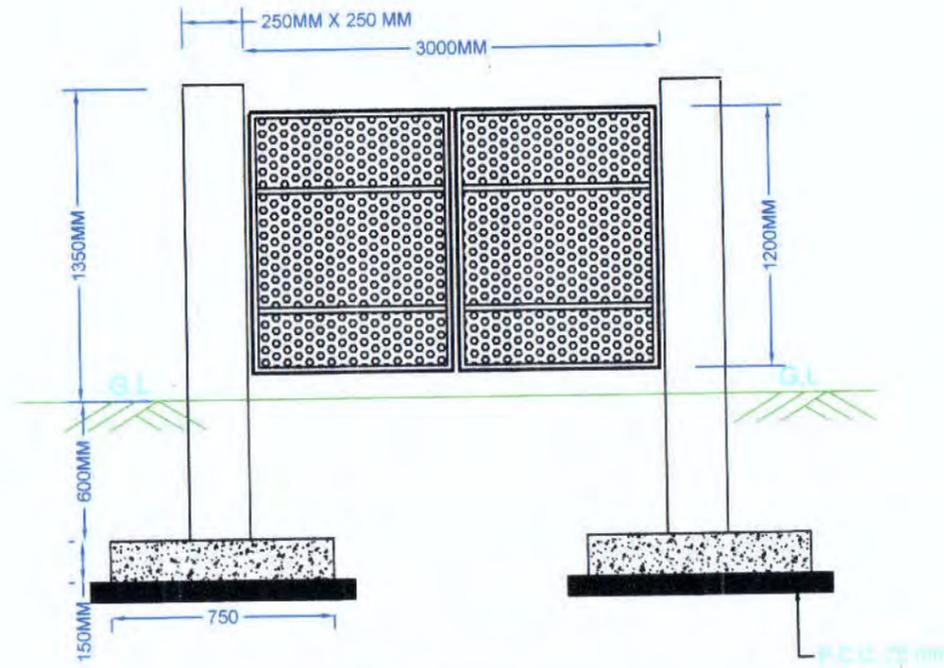
DETAIL OF FOOTING & COLUMN



PLAN FOR FOUNDATION



ELEVATION OF FENCING



ELEVATION OF IRON GATE

BASIC CONSULTANT
(ENGINEERING CONSULTANT)

Corprt office Address
SURVEY, Ajanis PATH, HOUSE NO-37, DUWAHATI,
KAMRUP (M), ASSAM, PIN-781028.
email:-basicconsultantghy@gmail.com

Regd. Office Address
N. HAJBARGAON, M.D.ROAD,
NAGAON, ASSAM, PIN-782902
email:-basicconsultant99@gmail.com

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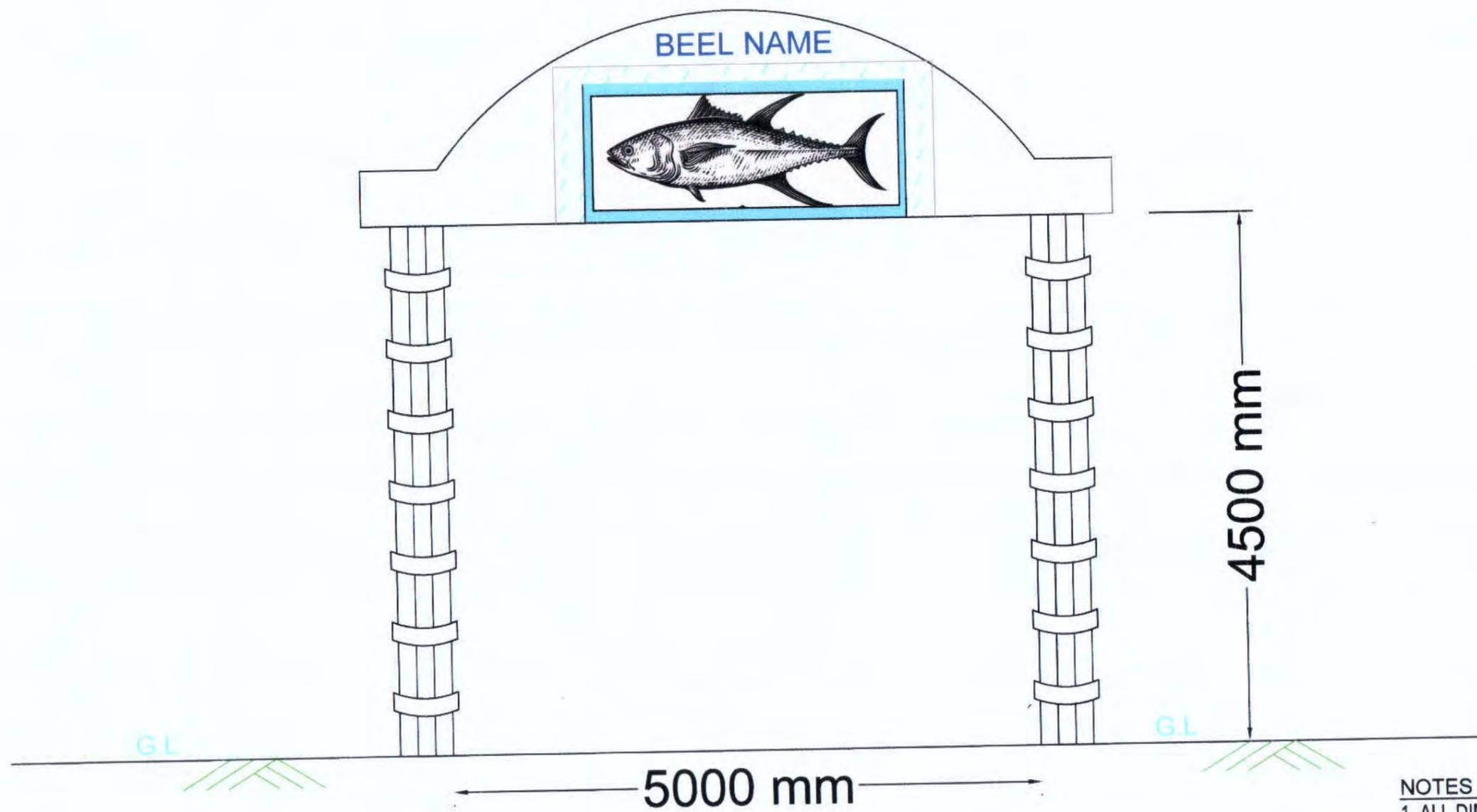
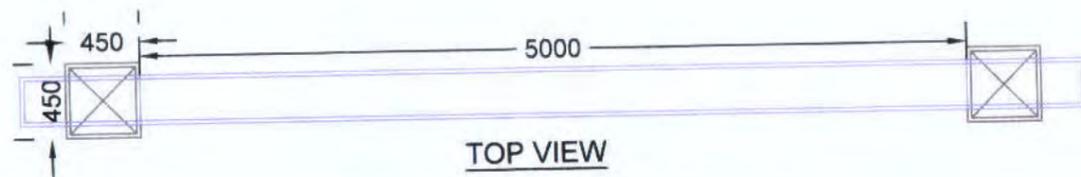
PLAN & CS OF FENCING WITH IRON GATE

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/10

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- 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)

Corprt office Address
SURVEY, Ajanta PATH, HOUSE NO-27, GUWAHATI,
KAMRUP (M), ASSAM, PIN-781028.
email:-basicconsultant9@gmail.com

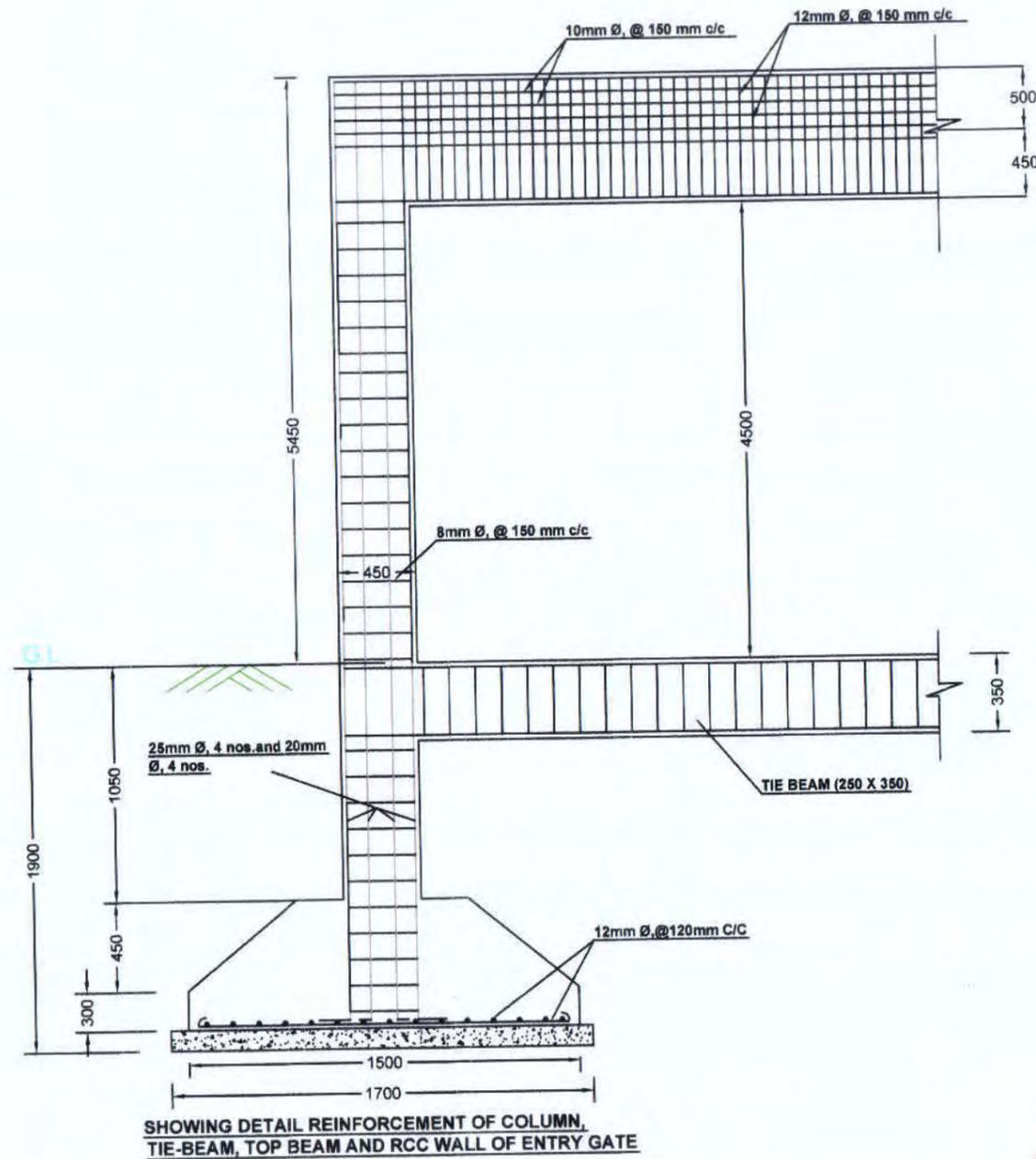
Regd. Office Address
N. HAIBARGAON, M.D.ROAD,
NAGAON, ASSAM, PIN-782003
email:-basicconsultant9@gmail.com

DRAWING :
PLAN & ELEVATION OF
ENTRY GATE

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

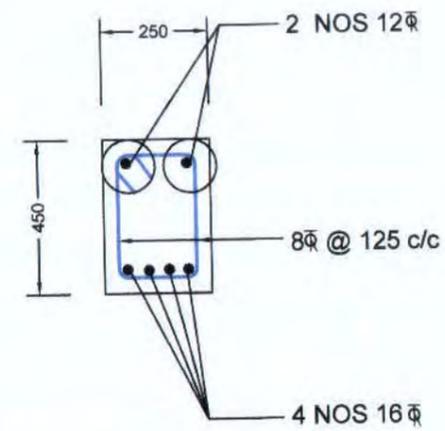
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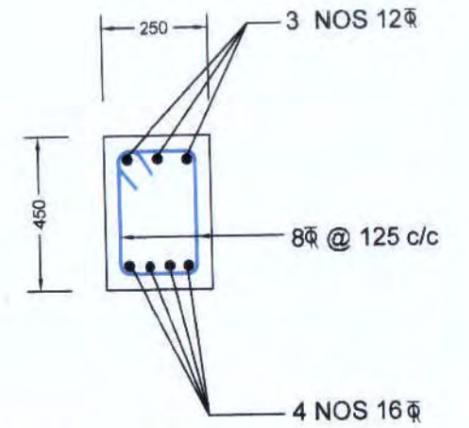


SHOWING DETAIL REINFORCEMENT OF COLUMN, TIE-BEAM, TOP BEAM AND RCC WALL OF ENTRY GATE

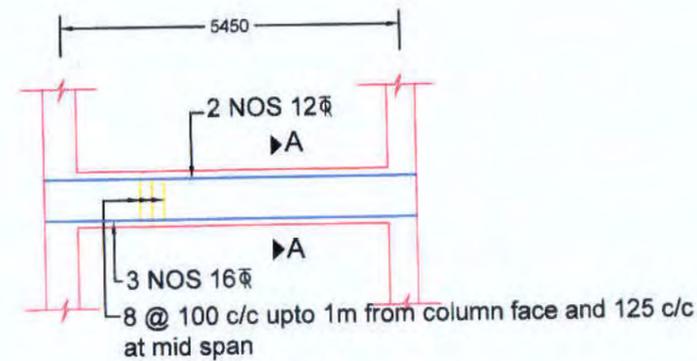
RCC WALL 200mm thick
TOP BEAM (250 x 450)



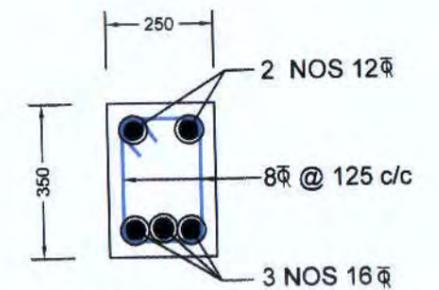
SECTION AT MID SPAN FOR TOP BEAM



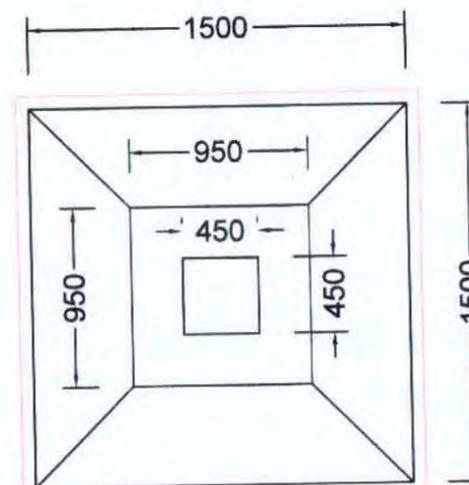
SECTIONS NEAR SUPPORT FOR TOP BEAM



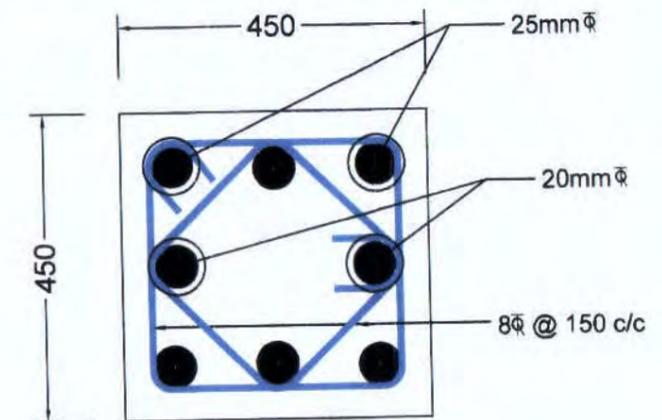
DETAIL OF TIE BEAM



SEC - AA



PLAN FOR FOUNDATION



COLUMN CROSS SECTION

NOTES :-

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

Prepared by
BASIC CONSULTANT

(ENGINEERING CONSULTANT)
Corprt office Address
SURVEY, Ajeeta PATH, HOUSE NO-27, GUWAHATI,
KAMRUP (M), ASSAM, PIN-781028.
email:-basicconsultant9@gmail.com

Regd. Office Address
N. HAIBARGAON, N.D.ROAD,
NAGAON, ASSAM, PIN-782002
email:-basicconsultant99@gmail.com

DRAWING :

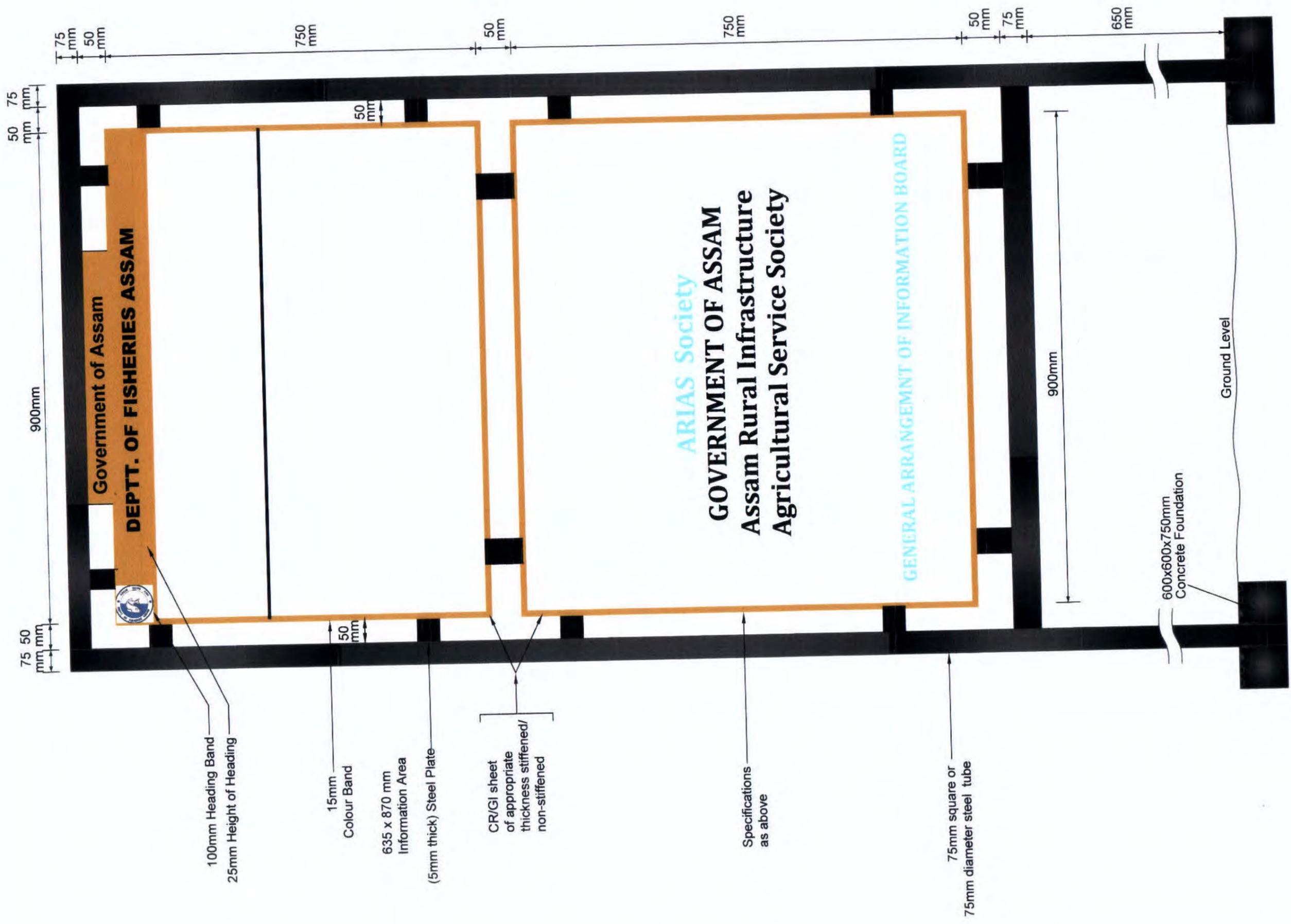
STRUCTURAL DETAILS OF ENTRY GATE

DRAWING No. :

ASSAM/SWIFT/GR-08/SD/11(B)

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100mm Heading Band
25mm Height of Heading

15mm
Colour Band
635 x 870 mm
Information Area

(5mm 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