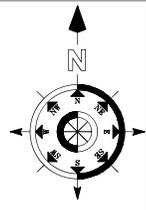


**PROVISIONS:-**

1. DE-SILTING.....	=	46034.64Cum
2. PEN CULTURE.....	=	6Nos
3. TURFING.....	=	3845 M
4. REARING TANK.....	=	4Nos (L= 900m)
5. PHRIPHERAL BUNDH.....	=	2565.00 M
6. HATCHERY.....	=	(15.50 x 9.0) M
7. APPROACH ROAD.....	=	270.00 M
8. COMMUNITY CENTRE.....	=	1291.67 Sft
9. HP CULVERT 1200mm dia Double.....	=	4Nos
10. 600mm DIA PIPE LAYING.....	=	24 Pcs.
11. 1000mm DIA PIPE LAYING.....	=	6 Pcs.
12. DEMARKATION PILLAR SOUTH SIDE.....	=	30Nos
13. SOLAR LAMP.....	=	22Nos
14. INFORMATION BOARD.....	=	2 Nos
15. IRON GATE.....	=	1Nos



Proposed of Peripheral Bundh



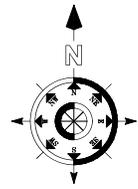
Proposed of Peripheral Bundh

Beel Area = 29.20Hact

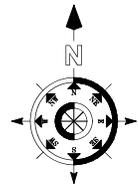
**LEGEND :**

BEEL BOUNDARY	
PERIPHERAL BUNDH	
WATER BOUNDARY	
APPROACH ROAD	
CULVERT	
BENCH MARK	
PMGSY ROADS	
TREE	

<p><b>SURVEY, DESIGN &amp; DRAWN BY :</b></p> <p>FAR Infrastructures Pvt. Ltd. R.G. Barua Road, Ganeshguri Guwahati-781006</p>	<p><b>NAME OF WORK :-</b></p> <p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.</p>	<p><b>SCALE :</b></p> <p>NOT TO SCALE</p>	<p><b>MASTER PLAN</b></p>	<p>State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.</p>
			<p><b>DRAWING NO. : 1</b></p>	



<p><b>SURVEY, DESIGN &amp; DRAWN BY:</b></p>	<p><b>NAME OF WORK :-</b></p>	<p><b>SCALE :</b></p>	<p><b>DRONE CONTOUR</b></p>	<p>State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.</p>
<p> FAR Infrastructures Pvt. Ltd. R.G. Barua Road, Ganeshguri Guwahati-781006</p>	<p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.</p>	<p>NOT TO SCALE</p>	<p>DRAWING NO. : 1</p>	



**SURVEY, DESIGN & DRAWN BY:**  

**FAR Infrastructures Pvt. Ltd.**  
 R.G. Barua Road, Ganeshguri  
 Guwahati-781006

**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.

**SCALE :**  
 NOT TO SCALE

**BYTHAMETRIC CONTOUR**  
 DRAWING NO. : 1

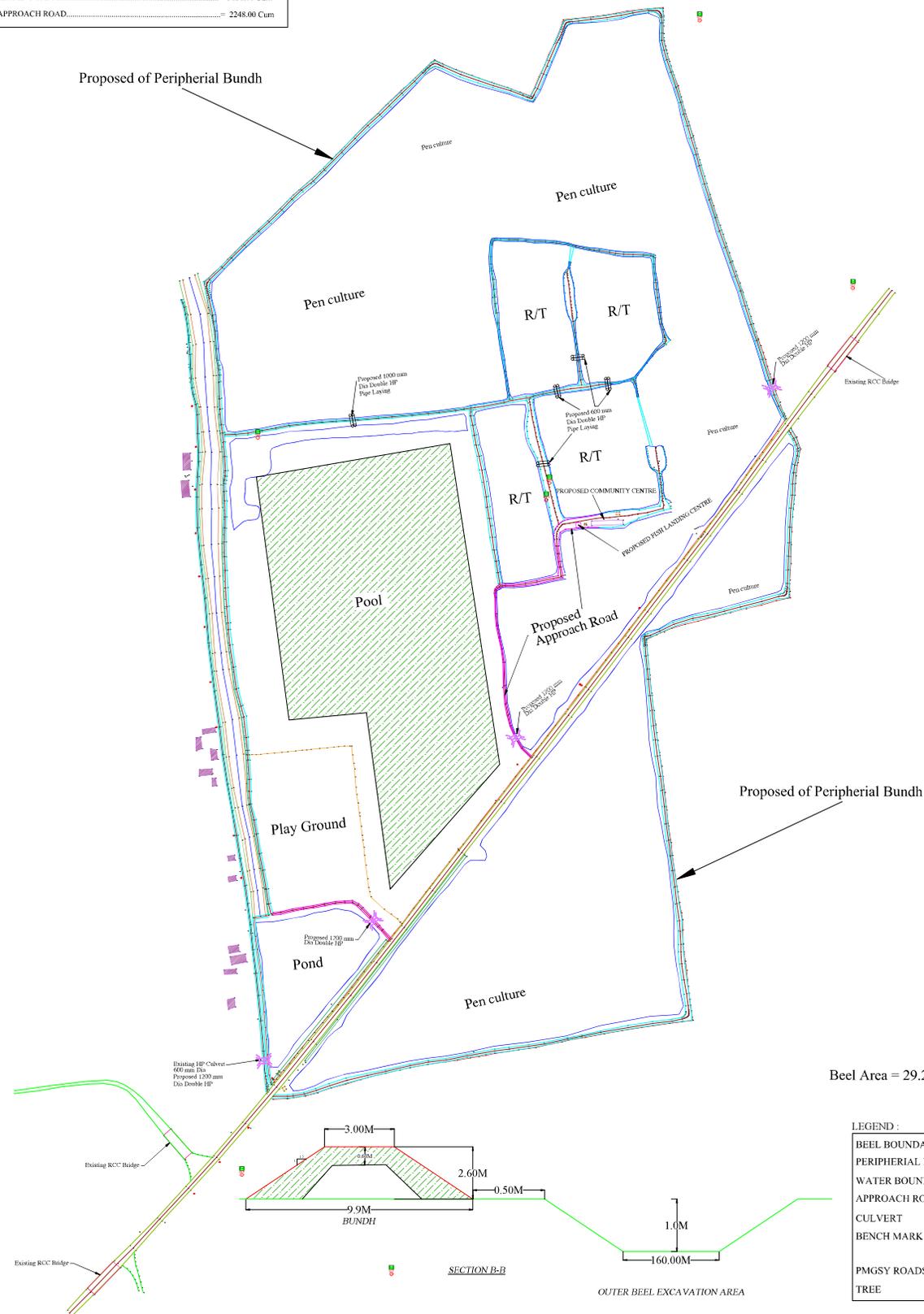
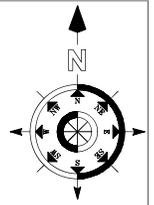
State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G.S. Road, Guwahati-781022.

**EXCAVATION QUANTITY:-**

1. POOL.....= 46034.644 Cum

**PROPOSED UTILIZATION OF DE-SILTED/EXCAVATED MATERIAL**

1. PERIPHERAL BUNDH.....= 23403.00 Cum  
 2. REARING TANK.....= 5838.00 Cum  
 3. APPROACH ROAD.....= 2248.00 Cum



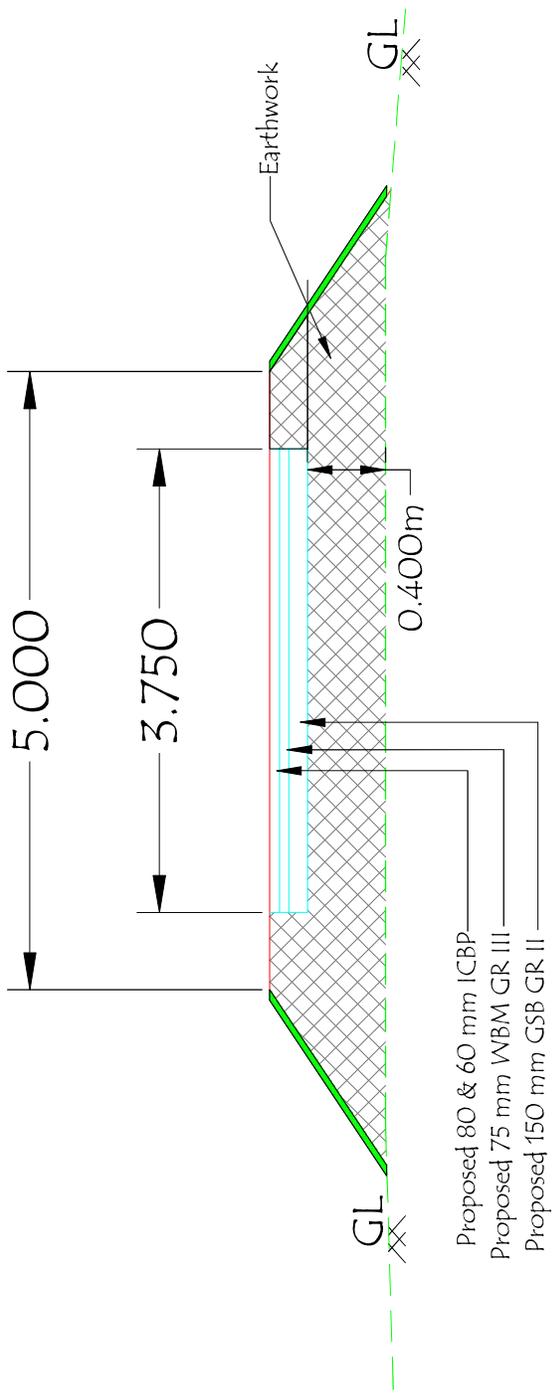
Beel Area = 29.20Hact

**LEGEND :**

BEEEL BOUNDARY	
PERIPHERAL BUNDH	
WATER BOUNDARY	
APPROACH ROAD	
CULVERT	
BENCH MARK	
PMGSY ROADS	
TREE	

SURVEY, DESIGN & DRAWN BY : FAR Infrastructures Pvt. Ltd. R.G. Barua Road, Ganeshguri Guwahati-781006	NAME OF WORK :- Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.	SCALE : NOT TO SCALE	EXCAVATION PLAN
			DRAWING NO. : 1

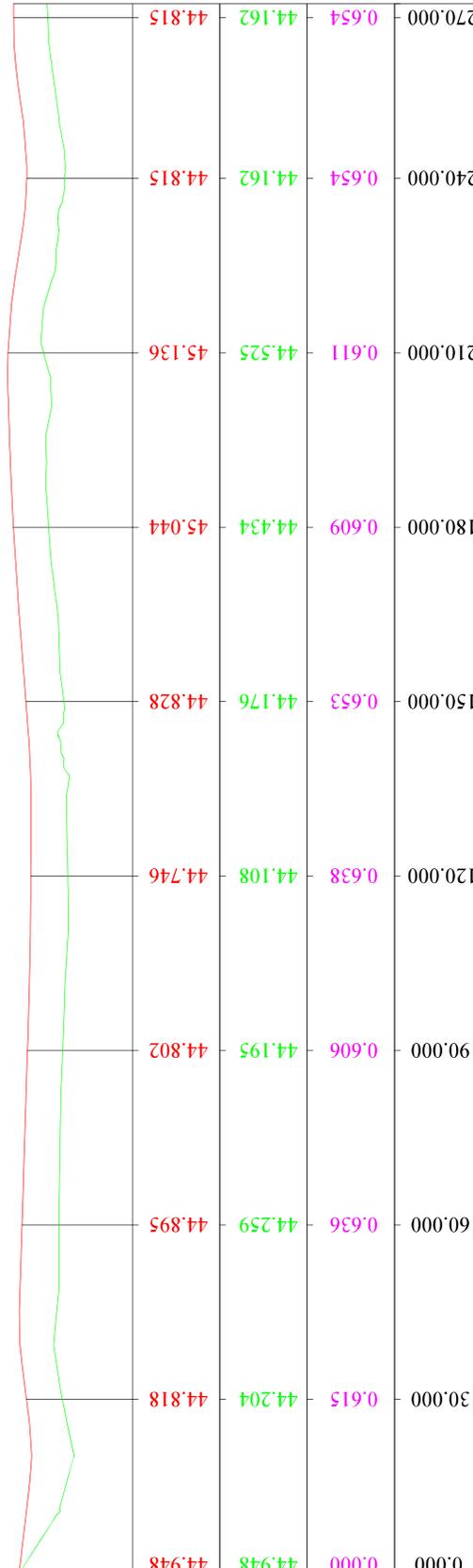
State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G.S. Road, Guwahati-781022.



TYPICAL CROSS SECTION FOR APPROACH ROAD

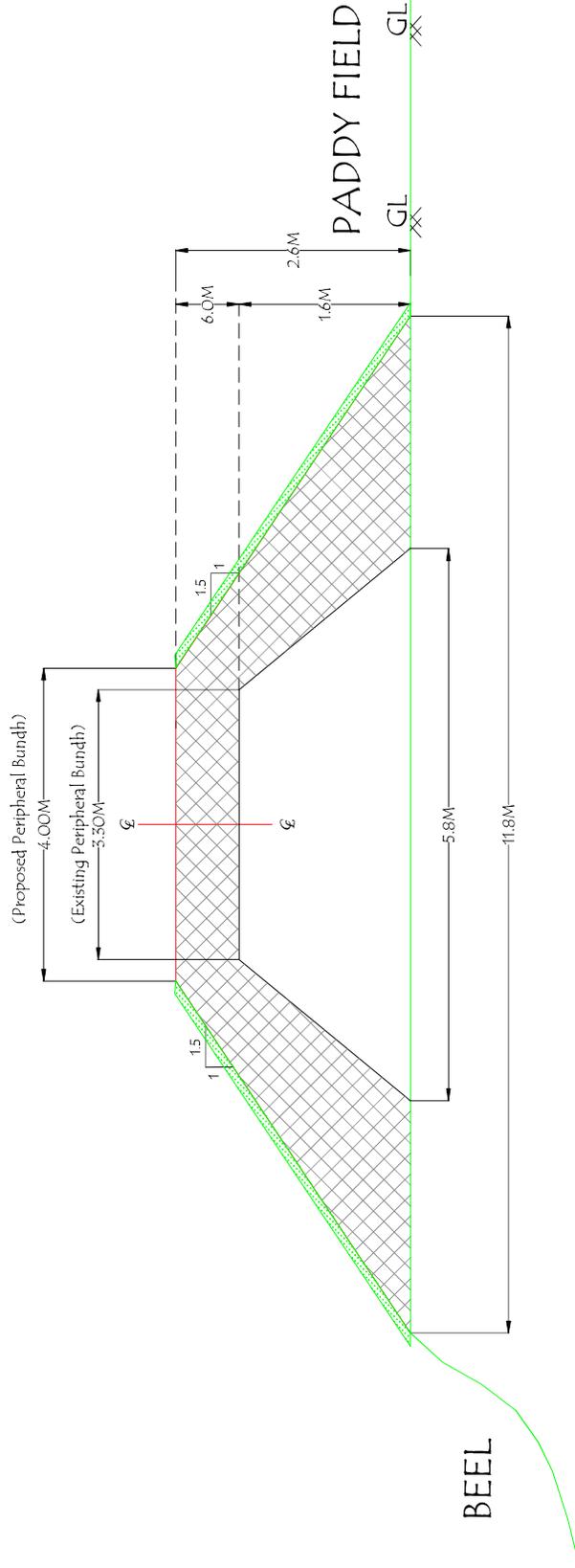
LENGTH = 270.00M

<p><b>SURVEY, DESIGN &amp; DRAWN BY :-</b></p> <p>FAR Infrastructures Pvt. Ltd. R G Barua Road, Ganeshguri Guwahati-781006</p> 	<p><b>NAME OF WORK :-</b></p> <p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.</p>	<p><b>SCALE :-</b></p> <p>TCS Approach Road NOT TO SCALE</p>	<p><b>DRAWING NO. : I</b></p> <p>State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.</p>
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 <b>FAR Infrastructures Pvt. Ltd.</b> R.G. Barua Road, Ganesfiguri Guwahati-781006	<b>NAME OF WORK :-</b> Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughdi Beel of Nalbari District.		<b>NOT TO SCALE</b>	<b>Drawing :-</b> LONG SECTION (APPROACH) DRAWING NO. : 1		State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.					
	<b>SURVEY, DESIGN &amp; DRAWN BY :-</b>										
Level Datum =43.000											
<b>FINAL LEVELS</b>	44.948	44.818	44.895	44.802	44.746	44.828	45.044	44.434	45.136	44.815	44.815
<b>EXISTING LEVELS</b>	44.948	44.204	44.259	44.195	44.108	44.176	44.434	44.525	44.162	44.162	44.162
<b>LEVEL DIFF.</b>	0.000	0.615	0.636	0.606	0.638	0.653	0.609	0.611	0.654	0.654	0.654
Chainage	0.000	30.000	60.000	90.000	120.000	150.000	180.000	210.000	240.000	270.000	270.000



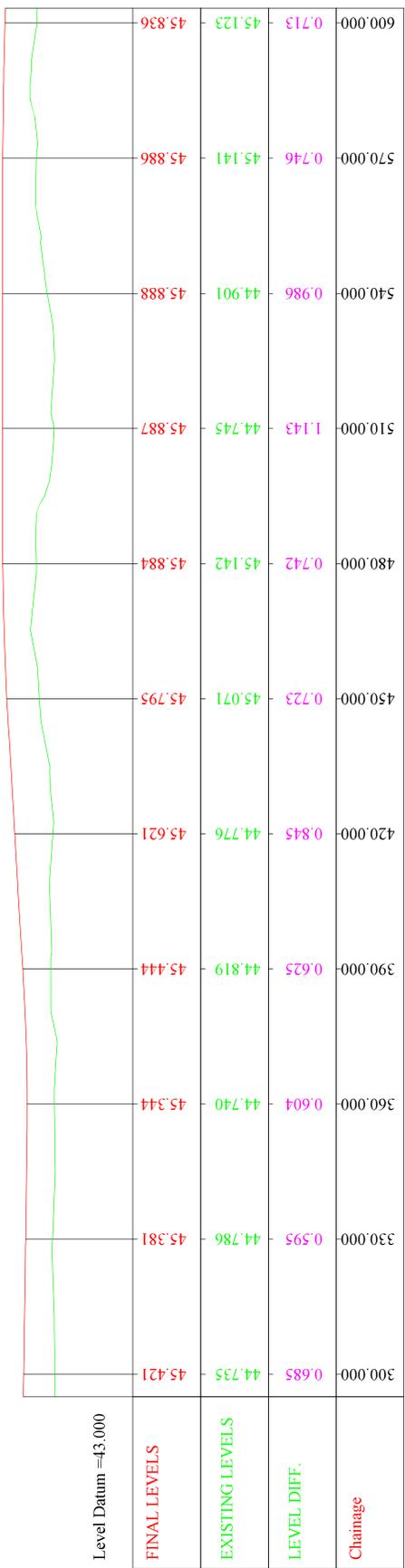
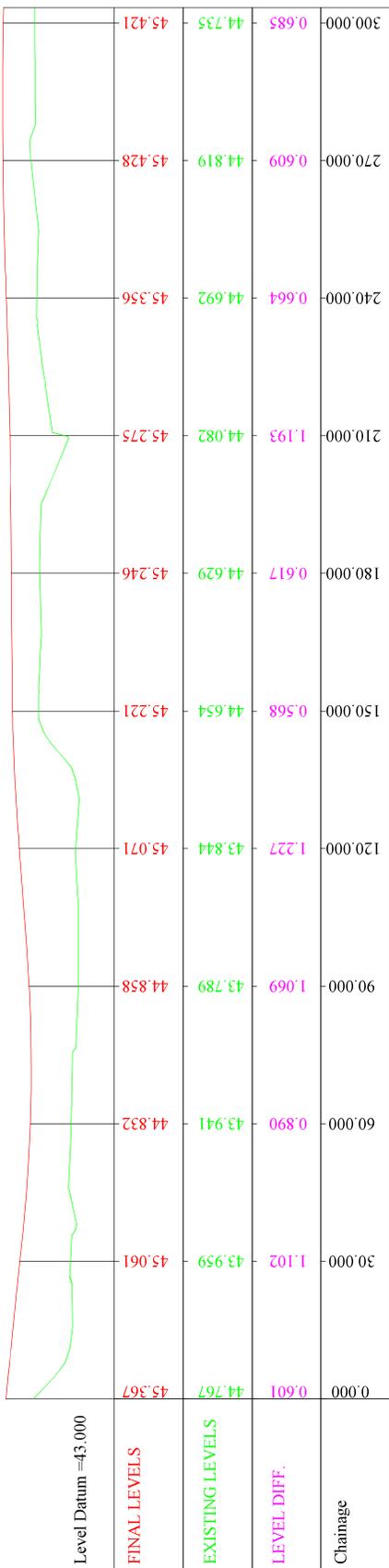




**TYPICAL CROSS SECTION FOR PERIPHERIAL BUNDH**

**LENGTH = 2565.00M**

<p><b>SURVEY, DESIGN &amp; DRAWN BY :-</b></p> <p><b>FAR Infrastructures Pvt. Ltd.</b>  <b>R.G. Barua Road, Ganeshgauri</b>  <b>Guwahati-781006</b></p> 	<p><b>NAME OF WORK :-</b></p> <p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mligdi Beel of Nalbari District.</p>	<p><b>NOT TO SCALE</b></p>	<p><b>Drawing :-</b></p> <p>TCS of BEEL EMBANKMENT</p> <p><b>DRAWING NO. : 1</b></p>	<p>State Project Director, ARIAS Society          ARIAS Society, Agriculture Complex,          Khanapara, G.S. Road, Guwahati-781022.</p>
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SURVEY, DESIGN & DRAWN BY:

FAR Infrastructures Pvt. Ltd  
R.G. Baria Road Ganeshtguri  
Guwahati-781006



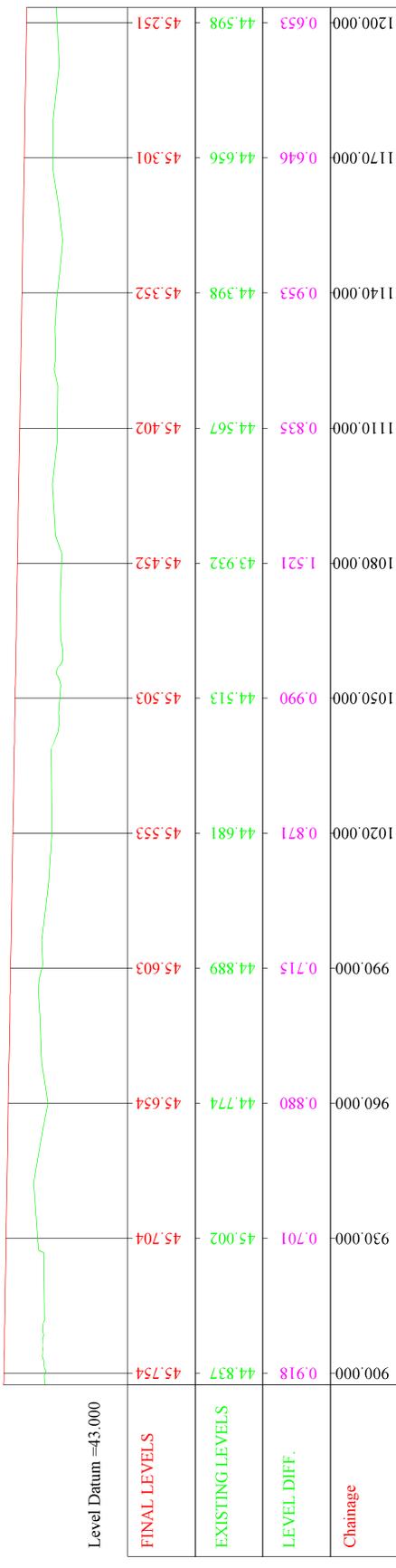
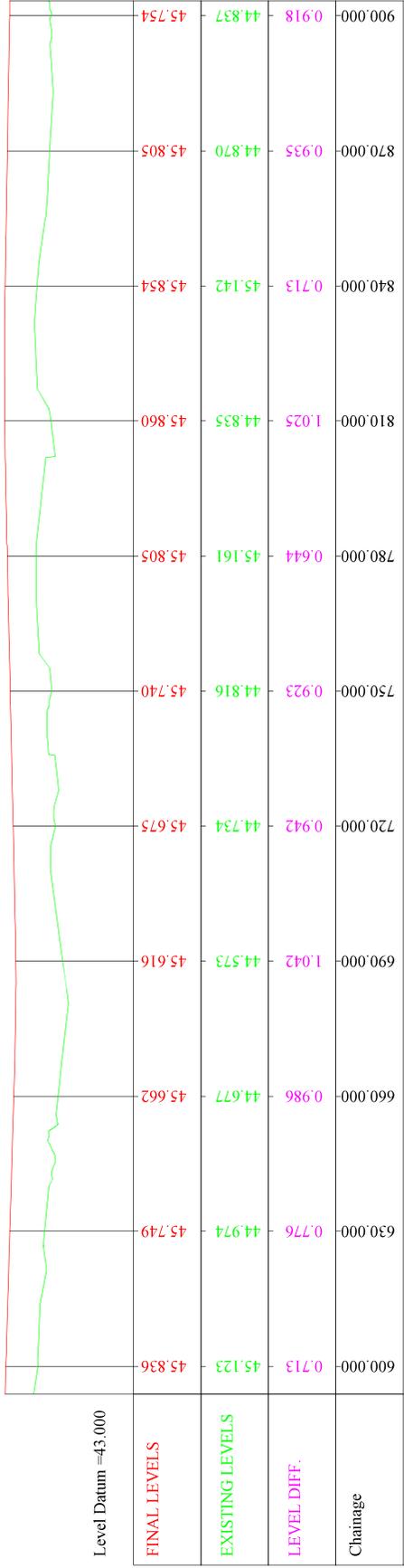
NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

LONG SECTIONS  
(PERIPHERAL BUNDH-A)  
SCALE :- 1 : 100

DRAWING NO. : LS / I

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G. S. Road, Guwahati-781022.



**SURVEY, DESIGN & DRAWN BY:**  
**FAR Infrastructures Pvt. Ltd**  
**R.G. Barua Road Ganeshtguri**  
**Guwahati-781006**

**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

**LONG SECTIONS**  
**(PERIPHERAL BUNDH-A)**  
**SCALE :- 1 : 100**  
**DRAWING NO. : LS / 2**

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G. S. Road, Guwahati-781022.

Level Datum =43.000			
FINAL LEVELS	45.251	45.213	45.227
EXISTING LEVELS	44.598	44.339	44.443
LEVEL DIFF.	0.653	0.874	0.785
Chainage	1200.000	1230.000	1260.000
	0.653	0.928	0.764
	44.583	44.486	44.583
	45.348	45.308	45.348
	1350.000	1380.000	1410.000
	0.692	0.936	0.937
	44.697	44.492	44.532
	45.388	45.428	45.469
	1440.000	1470.000	1500.000
	0.107	1.146	1.146
	45.402	44.402	44.402
	45.509	45.549	45.549

Level Datum =43.000			
FINAL LEVELS	45.549	45.589	45.629
EXISTING LEVELS	44.402	44.643	44.796
LEVEL DIFF.	1.146	0.946	0.833
Chainage	1500.000	1530.000	1560.000
	0.795	0.795	0.706
	44.869	44.986	44.986
	45.664	45.693	45.693
	1620.000	1650.000	1680.000
	0.659	0.877	0.765
	45.026	44.813	44.915
	45.685	45.689	45.681
	1710.000	1740.000	1770.000
	1.682	1.028	0.780
	44.003	44.649	44.892
	45.685	45.676	45.672

**SURVEY, DESIGN & DRAWN BY:**  
**FAR Infrastructures Pvt. Ltd**  
**R.G. Baria Road Ganesfiguri**  
**Guwahati-781006**

**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Bee of Nalbari District.

**LONG SECTIONS**  
**(PERIPHERAL BUNDH-A)**  
**SCALE :- 1 : 100**  
**DRAWING NO. : LS / 3**

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G. S. Road, Guwahati-781022.

Level Datum =43.000			
FINAL LEVELS	45.672	45.668	45.389
EXISTING LEVELS	44.892	45.053	44.865
LEVEL DIFF.	0.780	0.615	0.524
Chainage	1800.000	1830.000	2100.000
	1860.000	1890.000	2040.000
	1920.000	1950.000	2070.000
	1980.000	1980.000	2100.000
	1990.000	2010.000	2100.000
	2000.000	2010.000	2100.000
	2010.000	2010.000	2100.000
	2020.000	2010.000	2100.000
	2030.000	2010.000	2100.000
	2040.000	2010.000	2100.000
	2050.000	2010.000	2100.000
	2060.000	2010.000	2100.000
	2070.000	2010.000	2100.000
	2080.000	2010.000	2100.000
	2090.000	2010.000	2100.000
	2100.000	2010.000	2100.000

Level Datum =43.000			
FINAL LEVELS	45.389	45.304	44.683
EXISTING LEVELS	44.865	44.813	44.683
LEVEL DIFF.	0.524	0.491	0.620
Chainage	2100.000	2370.000	2370.000
	2100.000	2340.000	2370.000
	2100.000	2310.000	2370.000
	2100.000	2280.000	2370.000
	2100.000	2250.000	2370.000
	2100.000	2220.000	2370.000
	2100.000	2190.000	2370.000
	2100.000	2160.000	2370.000
	2100.000	2130.000	2370.000
	2100.000	2100.000	2370.000

**SURVEY, DESIGN & DRAWN BY:**  
**FAR Infrastructures Pvt. Ltd**  
**R.G. Baria Road Ganeshguri**  
**Guvahati-781006**

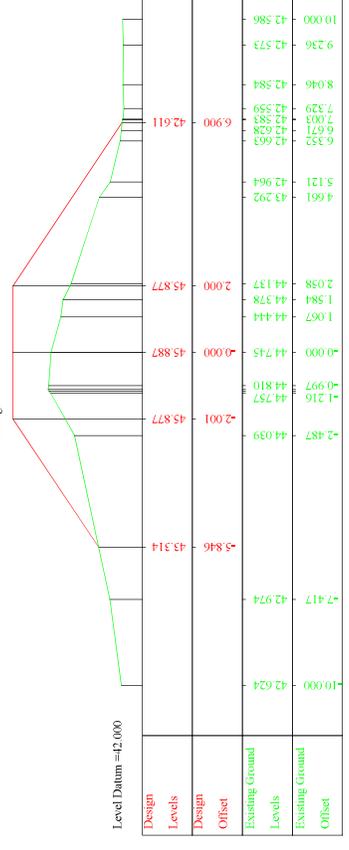
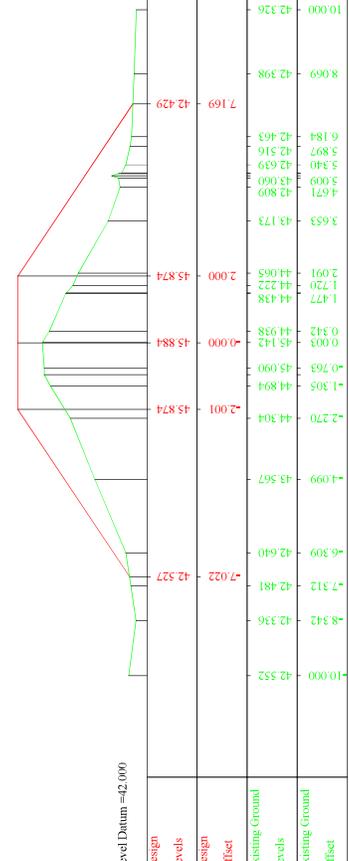
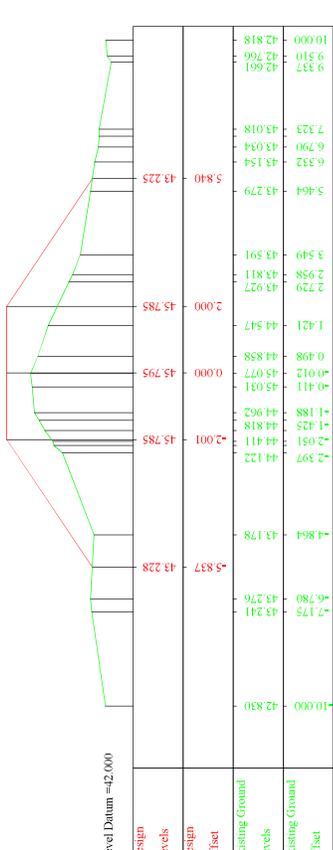
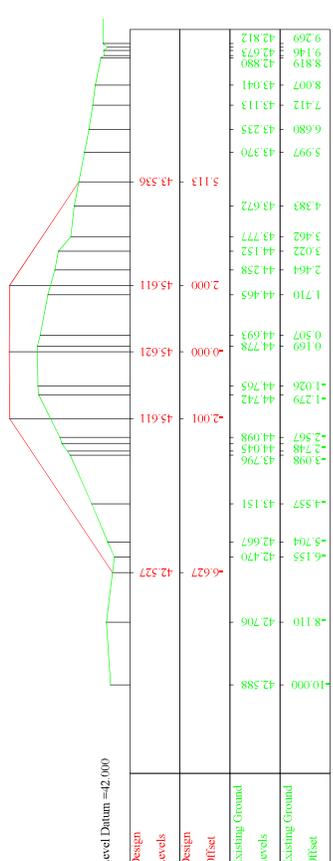
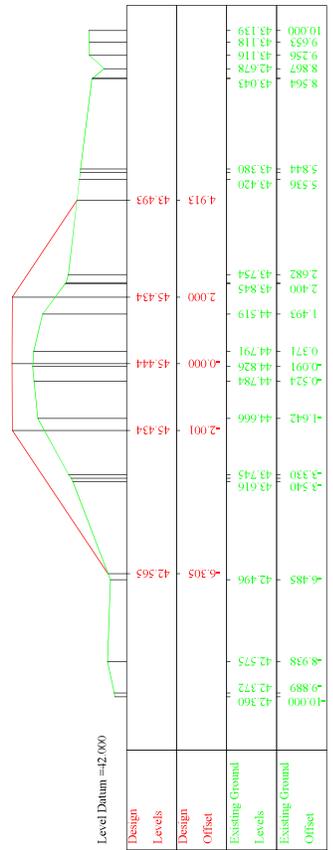
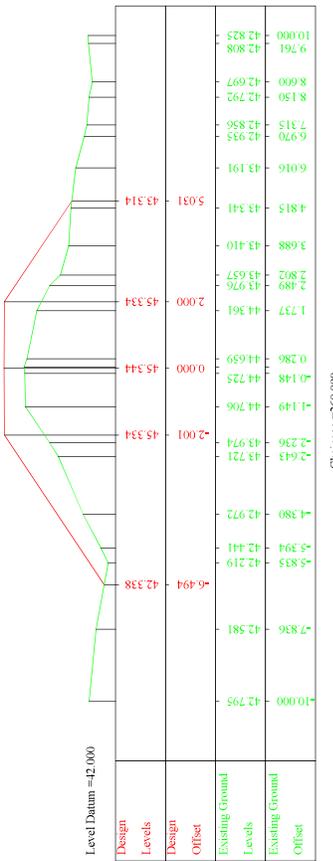
**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

**LONG SECTIONS**  
**(PERIPHERAL BUNDH-A)**  
**SCALE :- 1 : 100**  
**DRAWING NO. : LS / 4**

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G. S. Road, Guvahati-781022.







**SURVEY, DESIGN & DRAWN BY :**

**NAME OF WORK :-**

**NOT TO SCALE**

**Drawing : CROSS SECTION (PERIPHERAL BUNDH-A)**

**DRAWING NO. : 3**

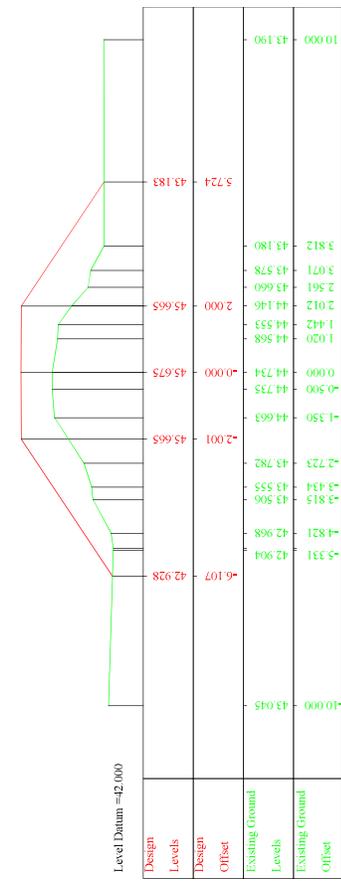


**FAR Infrastructures Pvt. Ltd.**  
R.G. Baria Road, Ganeshguri,  
Guwahati-781006

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

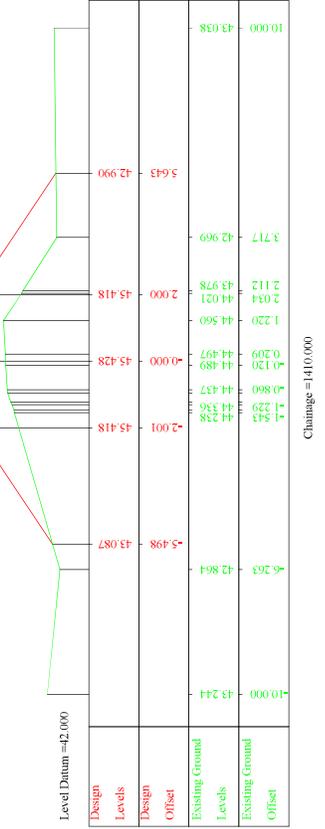
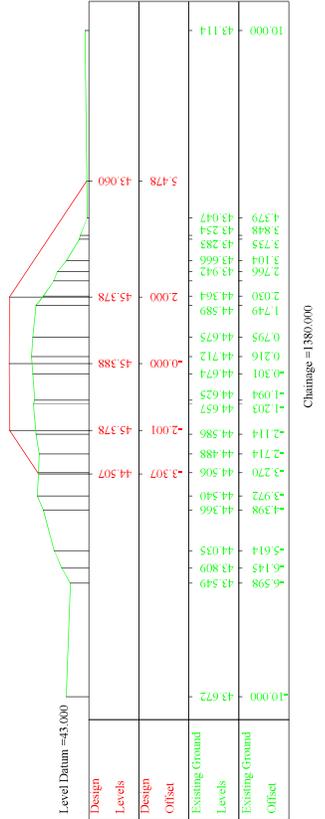
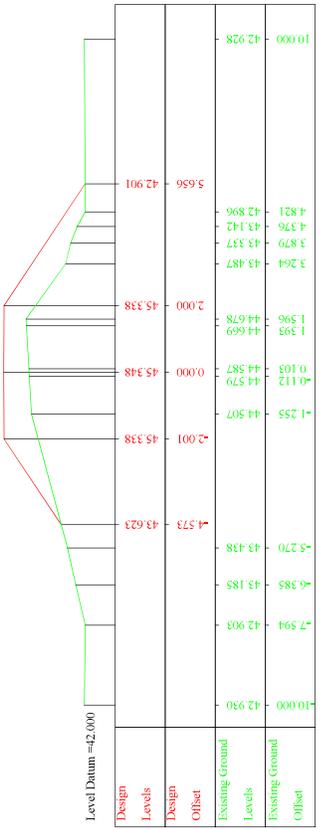
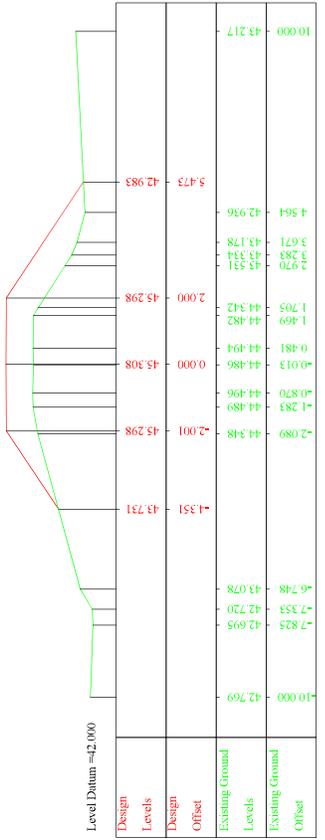
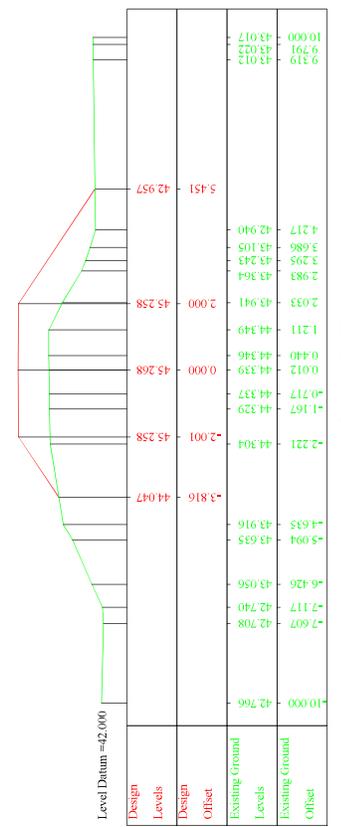
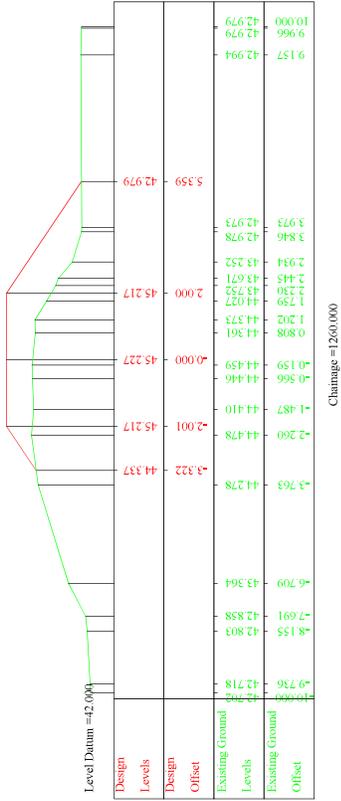
State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.











**SURVEY, DESIGN & DRAWN BY :**  
  
**FAR Infrastructures Pvt. Ltd.**  
 R. G. Baria Road, Ganeshgiri,  
 Guwahati-781006

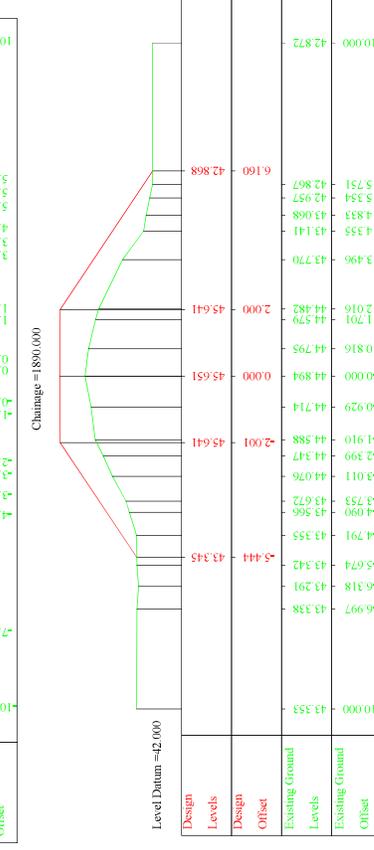
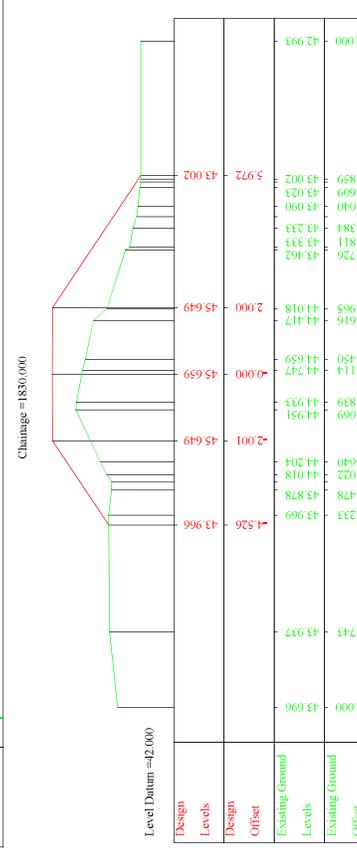
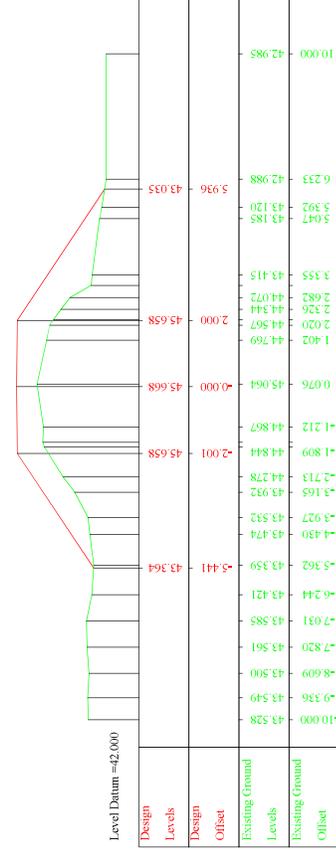
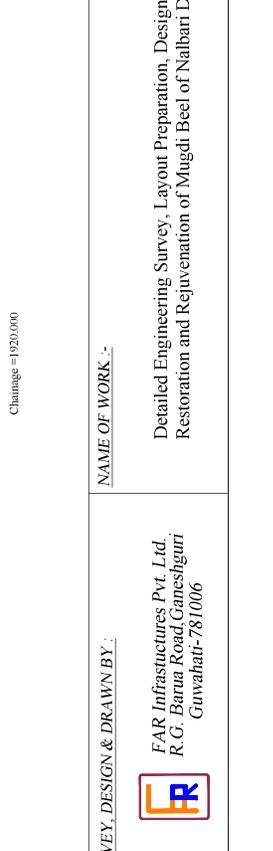
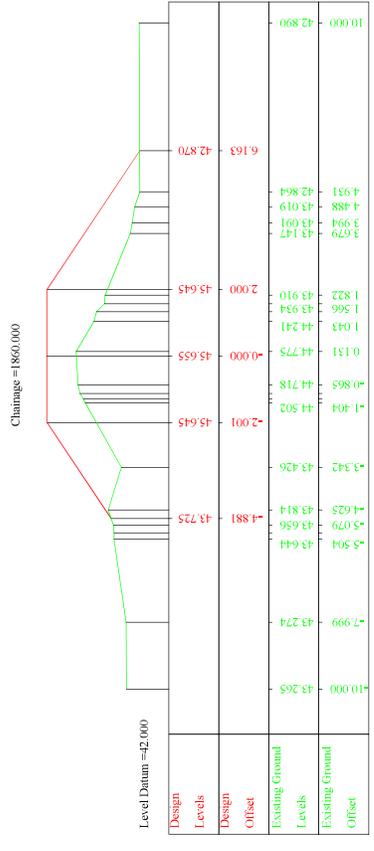
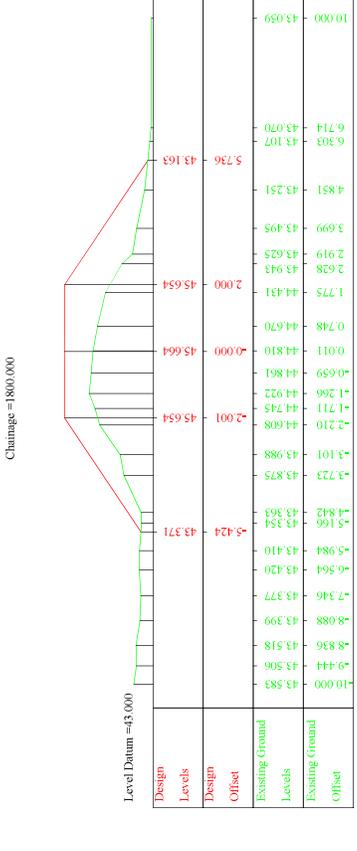
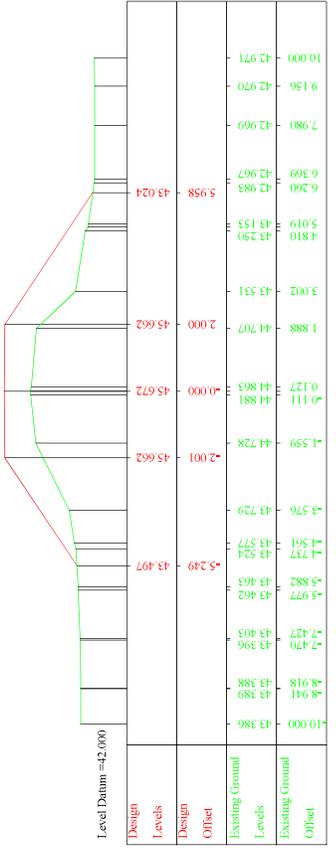
**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

**Drawing :**  
**CROSS SECTION**  
 (PERIPHERAL BUNDH-A)  
**NOT TO SCALE**  
**DRAWING NO. : 8**

State Project Director, ARIAS Society  
 ARIAS Society - Agriculture Complex,  
 Khanapara, G.S. Road, Guwahati-781022.







FAR Infrastructures Pvt. Ltd.  
R.G. Baria Road, Ganeshguri  
Guwahati-781006

SURVEY, DESIGN & DRAWN BY :-

NAME OF WORK :-

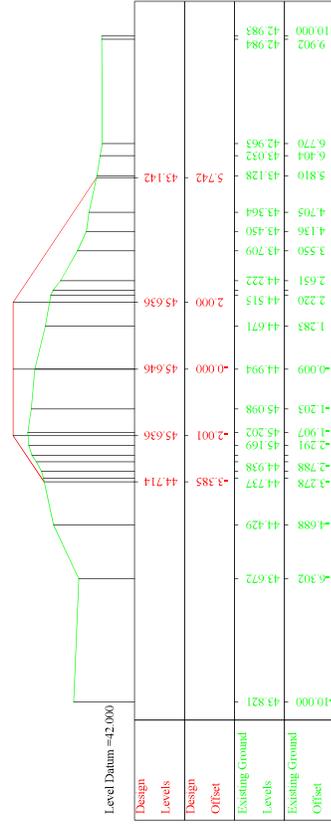
Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

Drawing :-

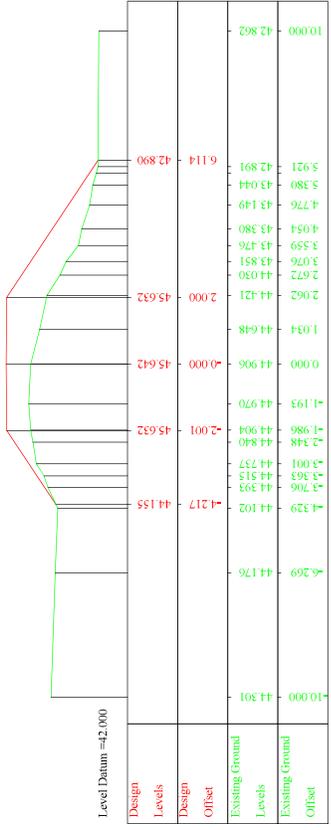
CROSS SECTION  
(PERIPHERAL BUNDH-A)

DRAWING NO. : 11

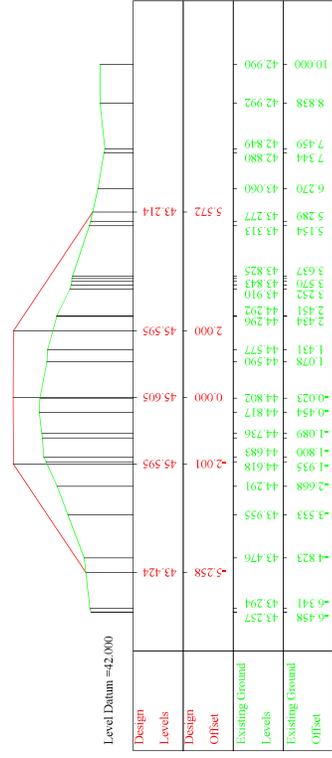
State Project Director, ARIAS Society  
ARIAS Society - Agriculture Complex,  
Khamapara, G.S. Road, Guwahati-781022.



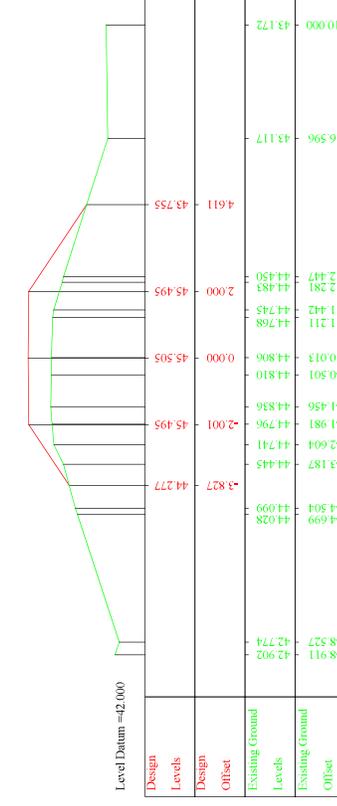
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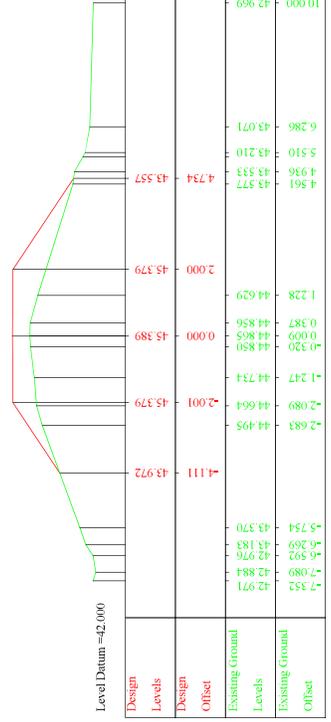
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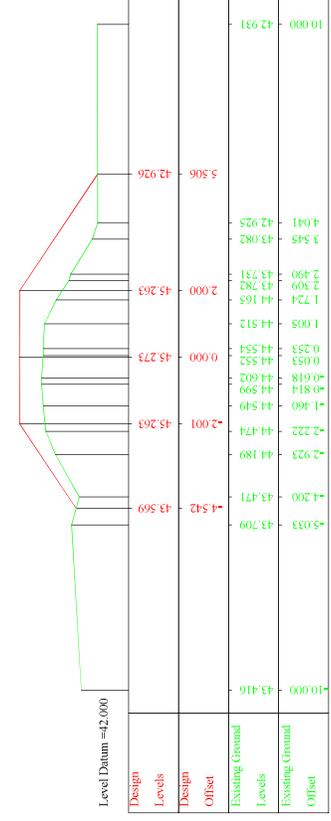
Change = 2040.000



Change = 2070.000



Change = 2100.000



Change = 2130.000

SURVEY, DESIGN & DRAWN BY :



FAR Infrastructures Pvt. Ltd.  
R. G. Baria Road, Ganeshguri,  
Guwahati-781006

NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

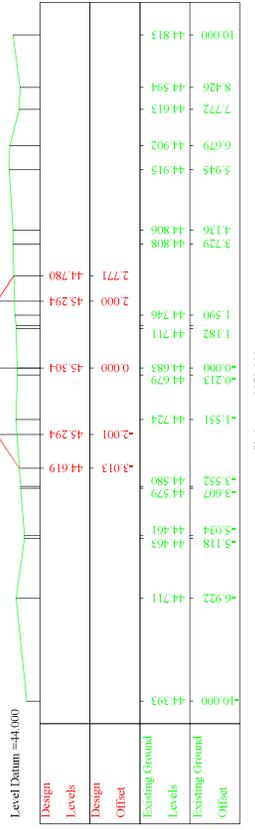
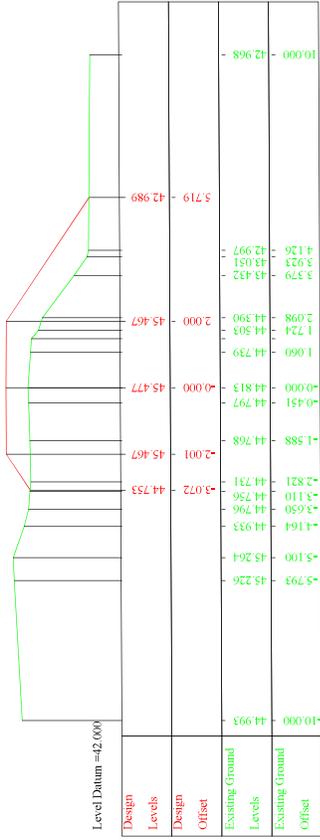
Drawing :  
CROSS SECTION  
(PERIPHERAL BUNDH-A)

NOT TO SCALE

DRAWING NO. : 12

State Project Director, ARIAS Society  
ARIAS Society - Agriculture Complex,  
Khamapara, G.S. Road, Guwahati-781022.





Chaiange = 2370.000

Chaiange = 2340.000

SURVEY, DESIGN & DRAWN BY :-



FAR Infrastructures Pvt. Ltd.  
R.G. Barua Road, Ganeshguri,  
Guwahati-781006

NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.

Drawing :-  
CROSS SECTION  
(PERIPHERAL BUNDS-H-A)

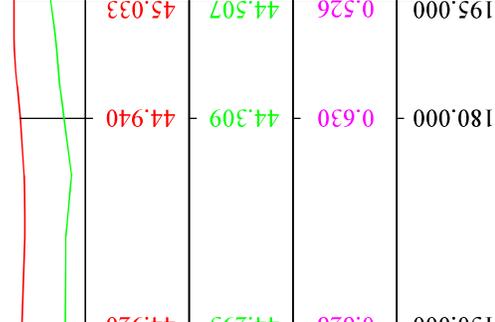
NOT TO SCALE

DRAWING NO. : 14

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.

Level Datum = 44.000

FINAL LEVELS	45.135	44.858	45.028	44.973	44.951	44.920	44.940	45.033
EXISTING LEVELS	44.545	44.229	44.408	44.299	44.321	44.293	44.309	44.507
LEVEL DIFF.	0.590	0.629	0.620	0.673	0.630	0.626	0.630	0.526
Chainage	0.000	60.000	60.000	90.000	120.000	150.000	180.000	195.000



SURVEY, DESIGN & DRAWN BY:

FAR Infrastructures Pvt. Ltd.  
R.G. Baria Road Ganeshtguri  
Guvahati-781006



NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

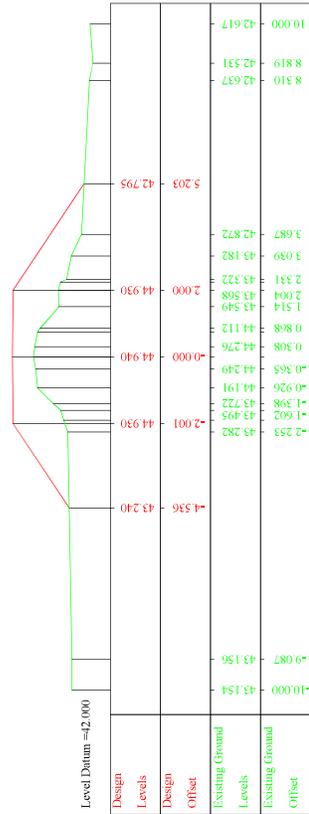
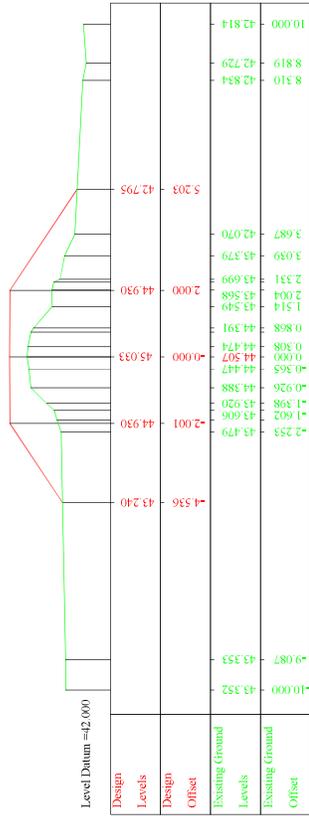
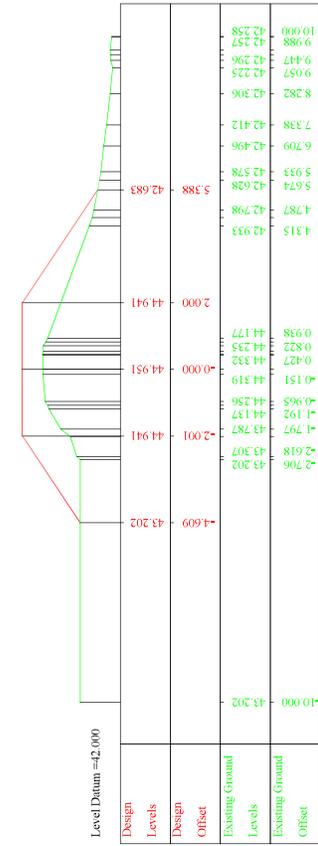
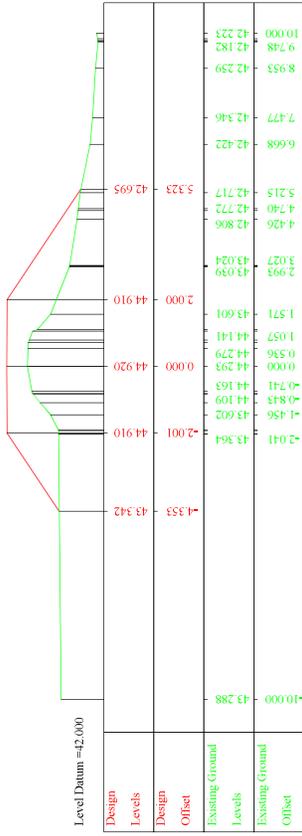
LONG SECTIONS  
(PERIPHERAL BUNDH-B)

SCALE :- 1 : 100

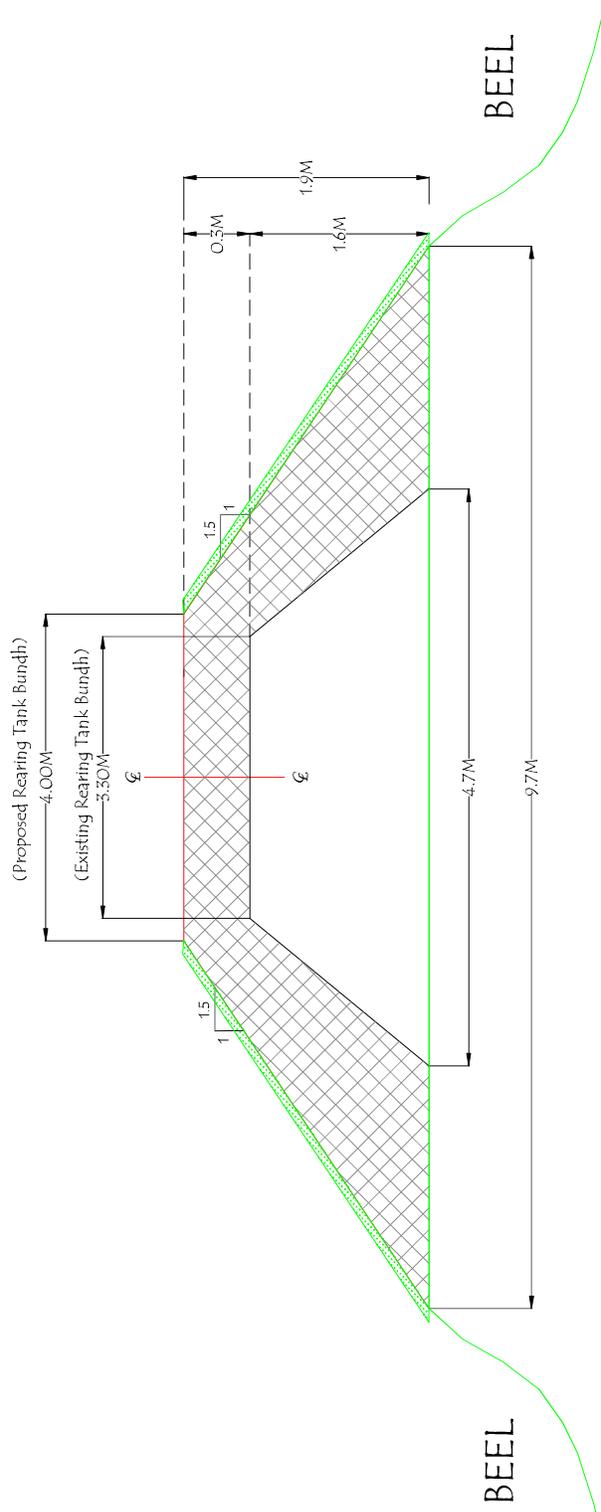
DRAWING NO. : LS / I

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G. S. Road, Guvahati-781022.





<b>SURVEY, DESIGN &amp; DRAWN BY :</b>  <b>FAR Infrastructures Pvt. Ltd.</b> R.G. Baria Road, Ganeshgiri, Guwahati-781006	<b>NAME OF WORK :-</b> Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.	<b>Drawing :</b> <b>CROSS SECTION</b> <b>(PERIPHERAL BUNDH-B)</b>  <b>NOT TO SCALE</b>  <b>DRAWING NO. : 2</b>
State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.		



**TYPICAL CROSS SECTION FOR REARING TANKBUNDH**

**LENGTH = 1010.00M**

**SURVEY, DESIGN & DRAWN BY :-**

**FAR Infrastructures Pvt. Ltd.**  
**R.G. Barua Road, Ganeshgauri**  
**Guwahati-781006**



**NAME OF WORK :-**

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of 'Migdi Beel' of Nalbari District.

**Drawing :-**

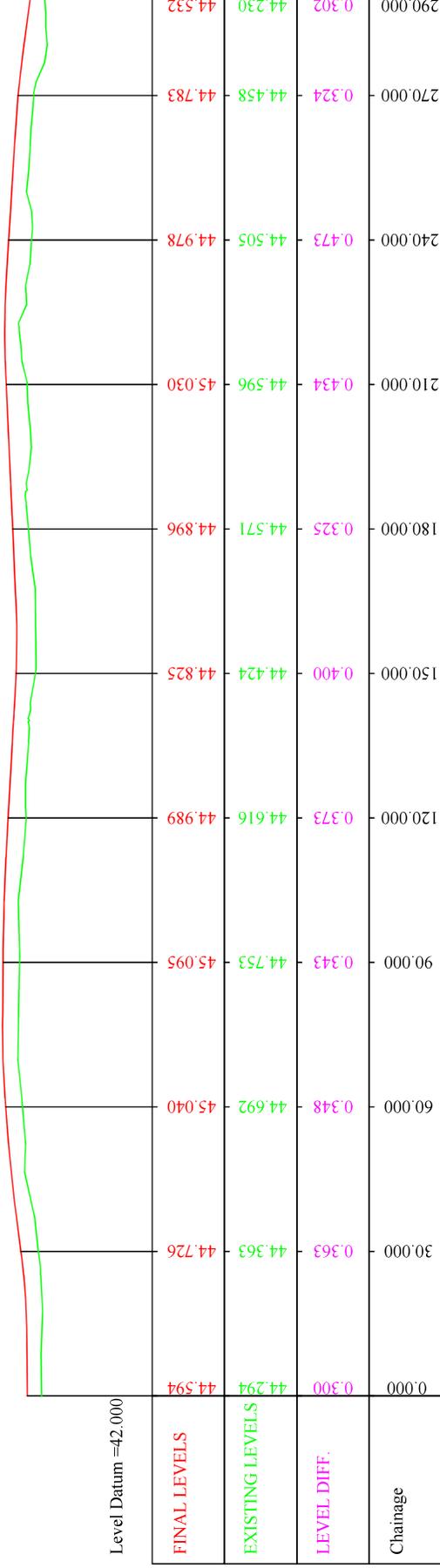
Rearing Tank Bundh

**NOT TO SCALE**

**DRAWING NO. : 1**

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G.S. Road, Guwahati-781022.

Level Datum =42.000



SURVEY, DESIGN & DRAWN BY:

FAR Infrastructures Pvt. Ltd  
R.G. Baria Road Ganeshtguri  
Guvahati-781006



NAME OF WORK :-

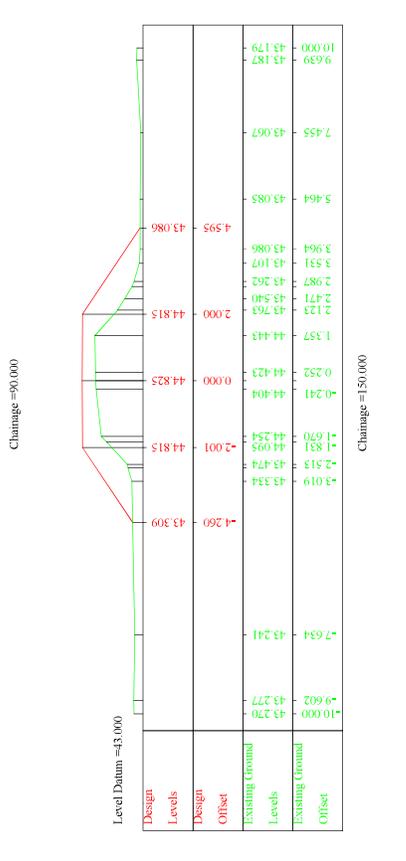
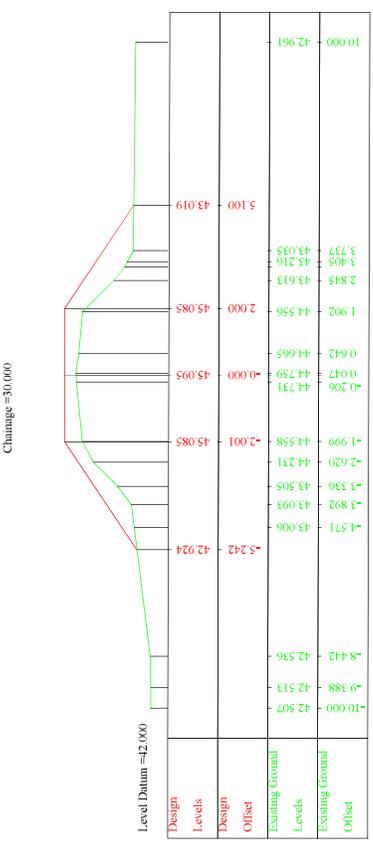
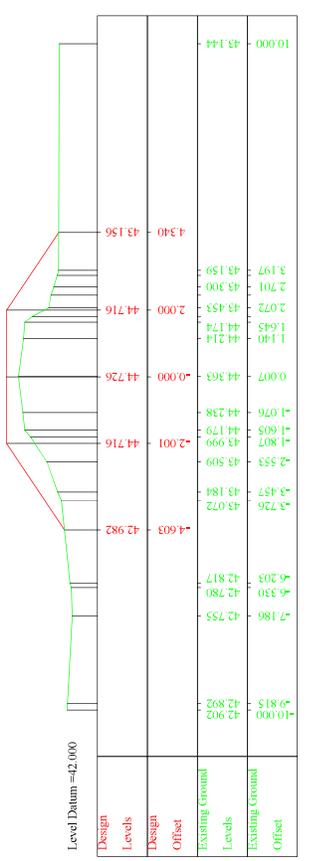
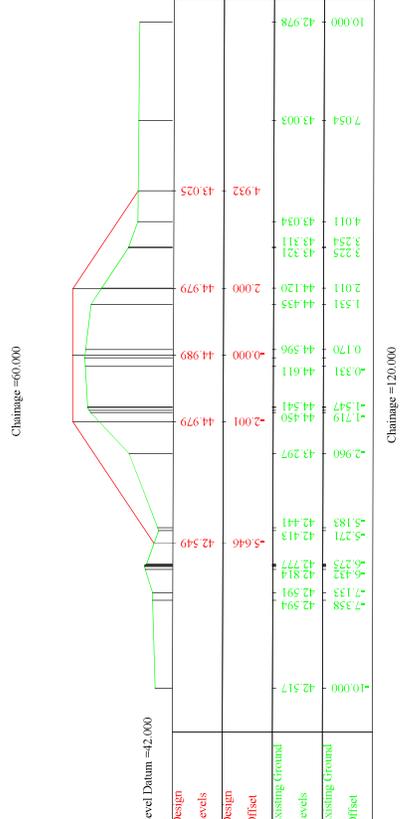
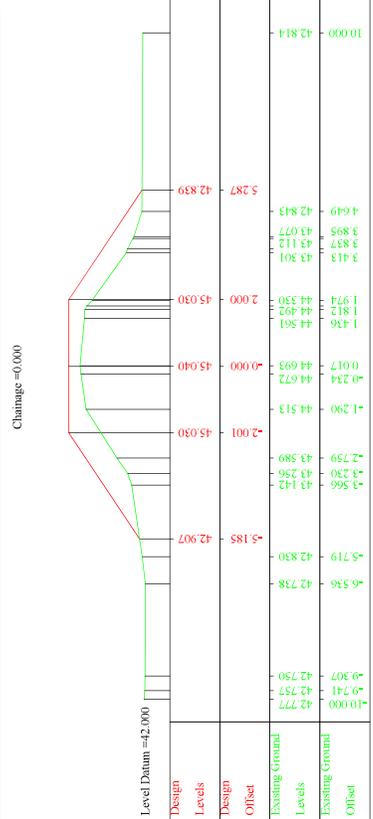
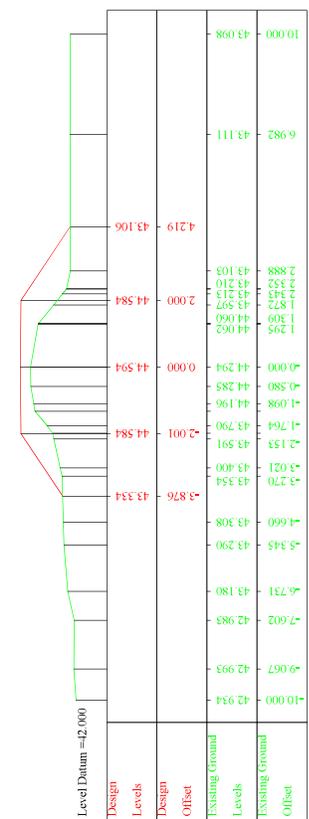
Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

LONG SECTIONS  
(REARING TANK-A)

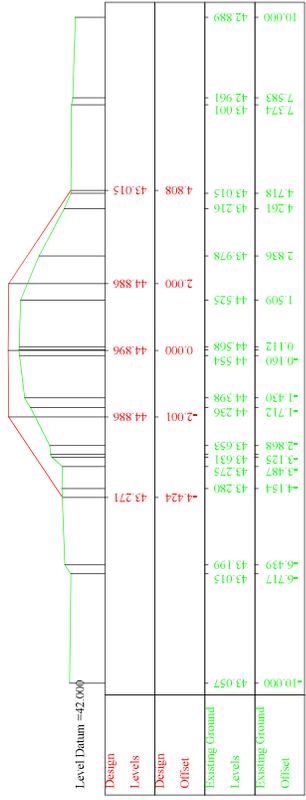
SCALE: - 1 : 100

DRAWING NO. : LS / I

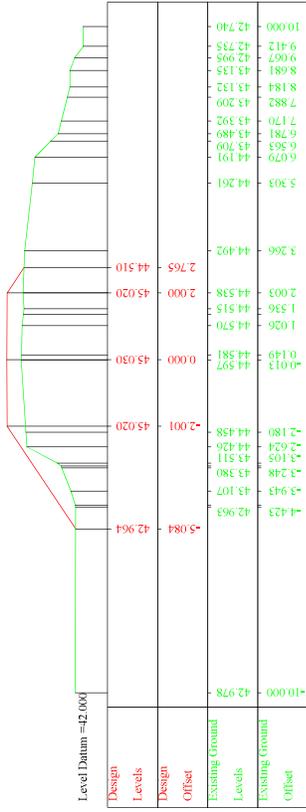
State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G. S. Road, Guvahati-781022.



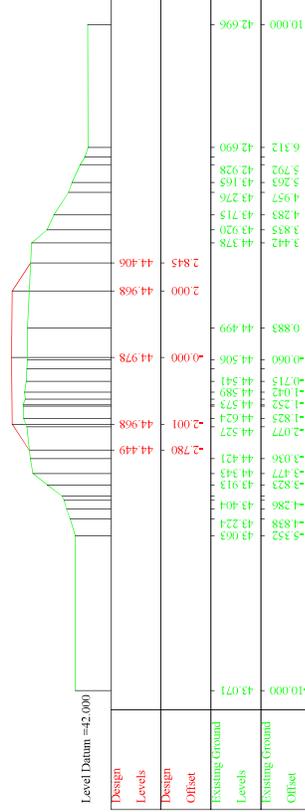
<b>SURVEY, DESIGN &amp; DRAWN BY :-</b>  <b>FAR Infrastructures Pvt. Ltd.</b> R. G. Baria Road, Ganeshguri Guwahati-781006	<b>NAME OF WORK :-</b> Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.	<b>Drawing :-</b> <b>CROSS SECTION</b> <b>(REARING TANK-A)</b>  <b>DRAWING NO. : I</b>
<b>NOT TO SCALE</b>		
State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.		



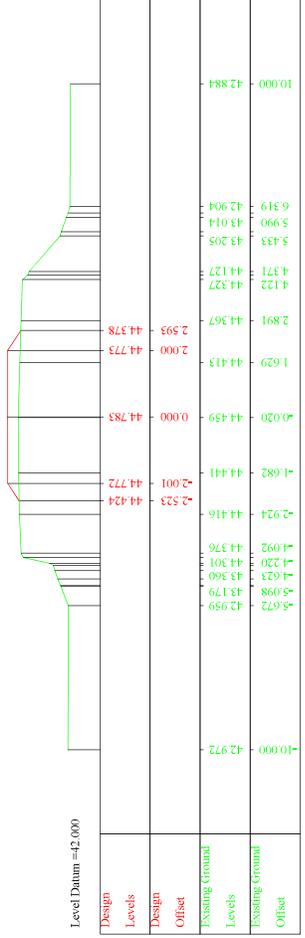
Channage = 180.000



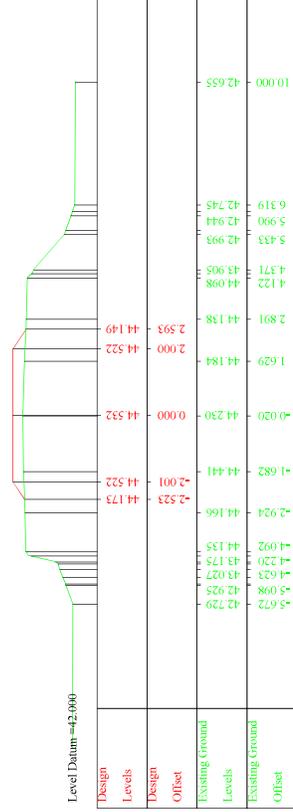
Channage = 210.000



Channage = 240.000



Channage = 270.000



Channage = 290.000

SURVEY, DESIGN & DRAWN BY :-



FAR Infrastructures Pvt. Ltd.  
R.G. Baria Road, Ganeshguri  
Guwahati-781006

NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

NOT TO SCALE

Drawing :-  
CROSS SECTION  
(REARING TANK-A)

DRAWING NO. : 2

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khamapara, G.S. Road, Guwahati-781022.

Chainage	0.000	30.000	60.000	90.000	120.000	150.000	180.000	210.000	240.000	270.000	300.000	
FINAL LEVELS	44.683	44.521	44.542	44.815	44.573	44.689	44.440	44.459	44.609	44.642	44.480	
EXISTING LEVELS	44.382	44.211	44.189	44.535	44.187	44.365	44.036	44.114	44.307	44.296	44.098	
LEVEL DIFF.	0.302	0.310	0.353	0.280	0.385	0.323	0.404	0.346	0.303	0.346	0.382	
Level Datum =41.000												

Chainage	300.000	330.000	360.000	390.000	420.000	450.000
FINAL LEVELS	44.480	44.370	44.286	44.618	44.800	45.003
EXISTING LEVELS	44.098	44.033	43.865	44.272	44.370	44.696
LEVEL DIFF.	0.382	0.337	0.421	0.346	0.430	0.306
Chamage	300.000	330.000	360.000	390.000	420.000	450.000
Level Datum =42.000						

SURVEY, DESIGN & DRAWN BY:

FAR Infrastructures Pvt. Ltd  
R.G. Barua Road Ganeshguri  
Guwahati-781006



NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

LONG SECTIONS  
(REARING TANK-B)

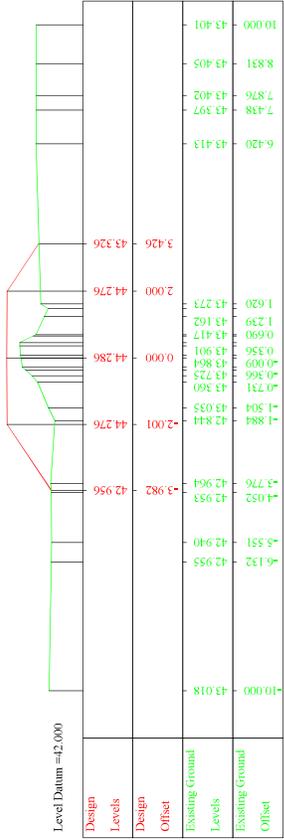
SCALE: - 1 : 100

DRAWING NO. : LS / I

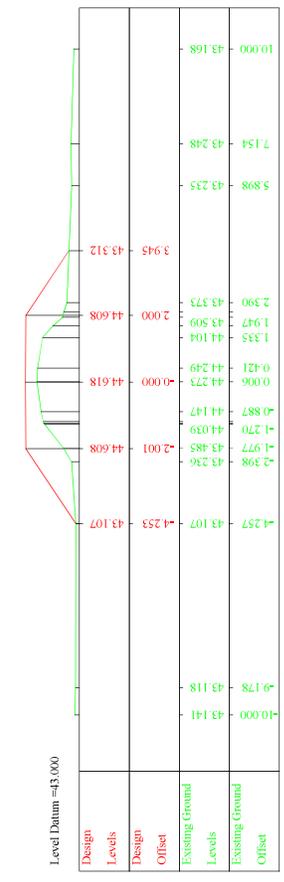
State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G. S. Road, Guwahati-781022.



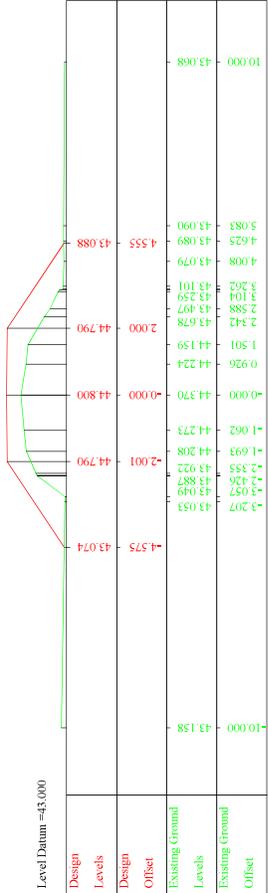




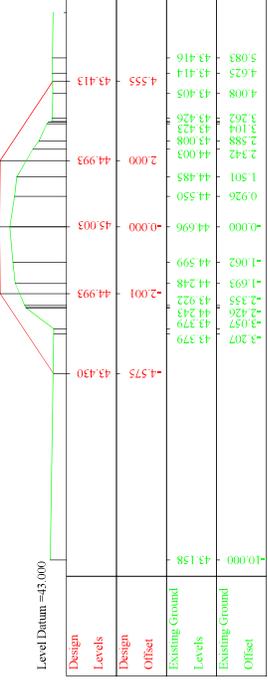
Change = 360.000



Change = 390.000



Change = 420.000



Change = 450.000

SURVEY, DESIGN & DRAWN BY :-



FAR Infrastructures Pvt. Ltd.  
R.G. Barua Road, Ganeshguri  
Guwahati-781006

NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

Drawing :-

CROSS SECTION  
(REARING TANK-B)

NOT TO SCALE

DRAWING NO. : 3

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khamapara, G.S. Road, Guwahati-781022.

Chainage	0.000	30.000	60.000	90.000	120.000	150.000	155.000
LEVEL DIFF.	0.300	1.058	0.404	0.388	0.319	0.285	0.290
EXISTING LEVELS	44.081	43.257	44.024	44.304	44.439	44.527	44.465
FINAL LEVELS	44.381	44.314	44.428	44.693	44.757	44.813	44.755

Level Datum =43.000



**SURVEY, DESIGN & DRAWN BY:**  
**FAR Infrastructures Pvt. Ltd**  
**R.G. Barua Road Ganeshguri**  
**Guwahati-781006**



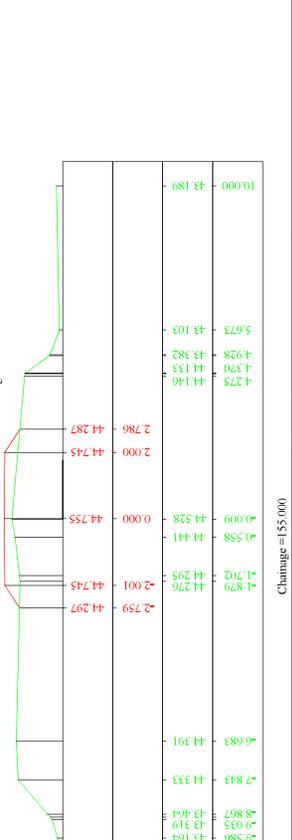
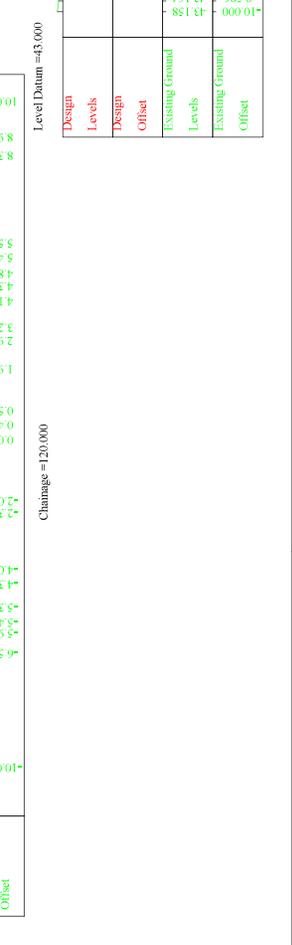
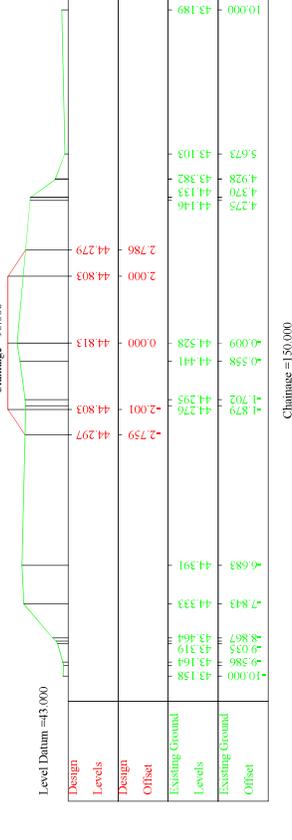
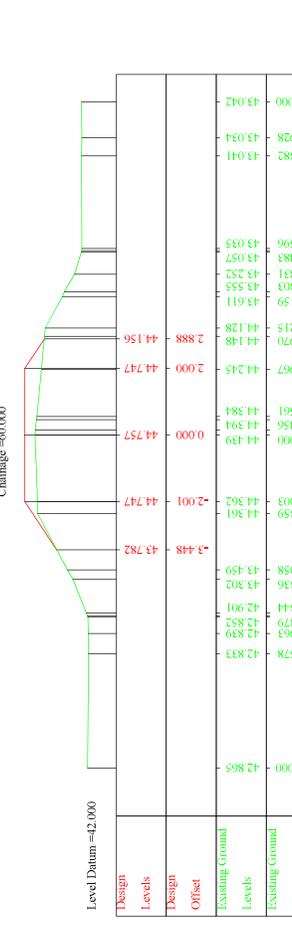
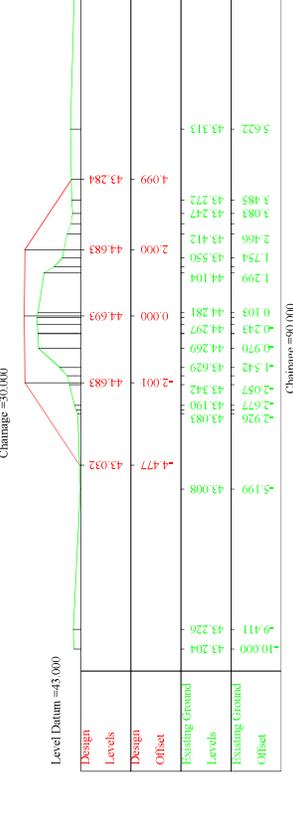
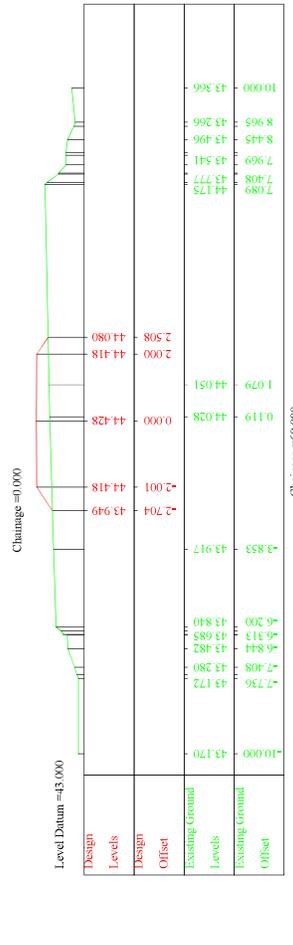
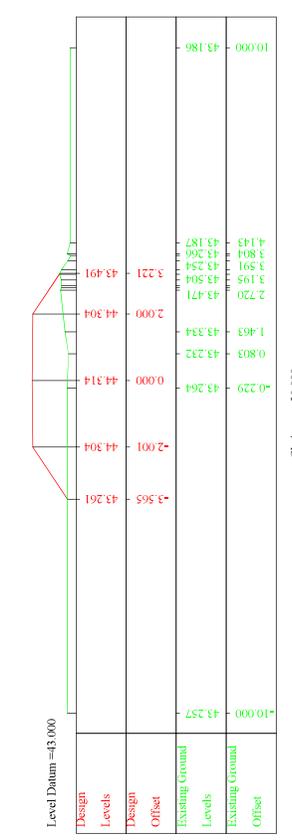
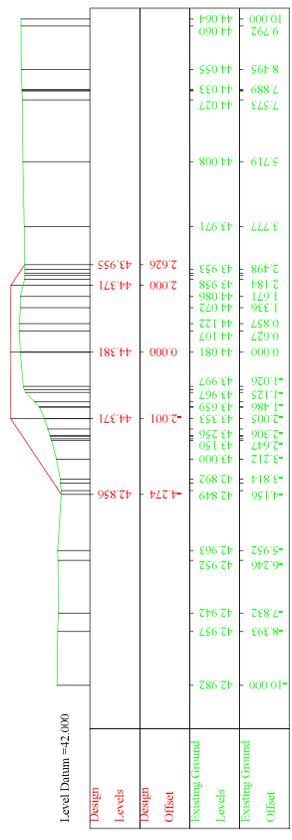
**NAME OF WORK :-**

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

**LONG SECTIONS**  
**(REARING TANK-C)**  
**SCALE: - 1 : 100**

**DRAWING NO. : LS / 1**

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G. S. Road, Guwahati-781022.



**SURVEY, DESIGN & DRAWN BY :**

**NAME OF WORK :-**

**Drawing :**

**CROSS SECTION  
(REARING TANK-C)**

**DRAWING NO. : I**

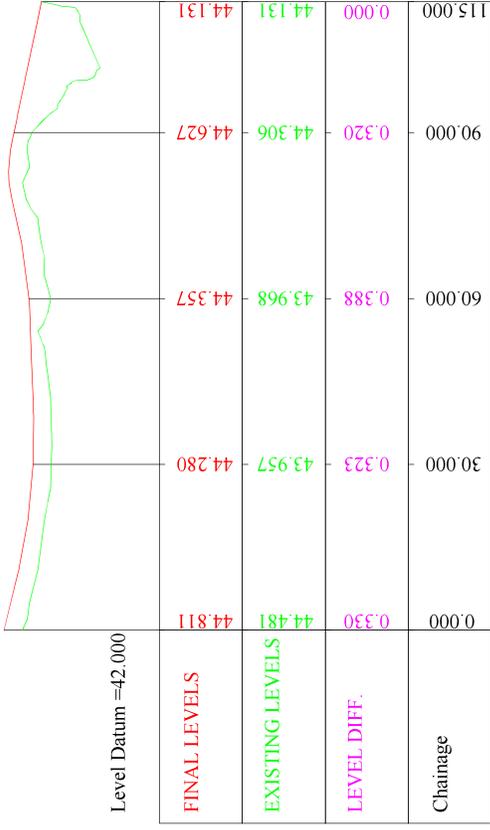


**FAR Infrastructures Pvt. Ltd.**  
R.G. Baria Road, Ganeshguri  
Guwahati-781006

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

**NOT TO SCALE**

State Project Director, ARIAS Society  
ARIAS Society - Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.

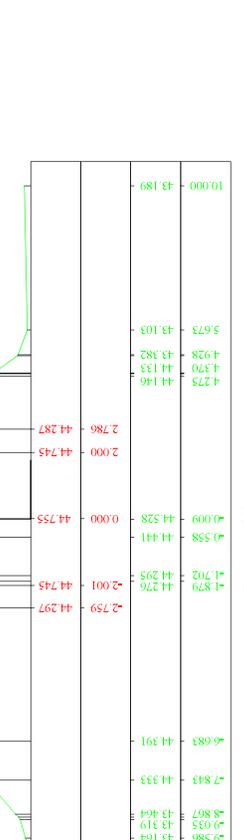
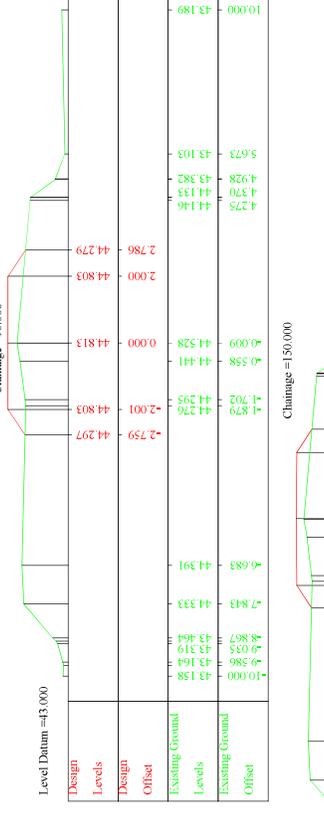
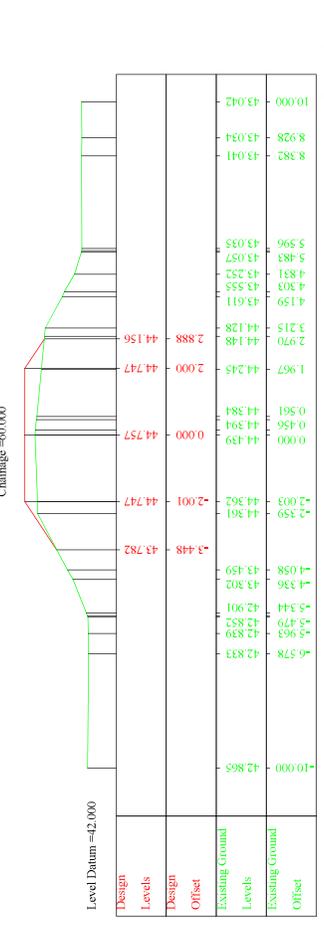
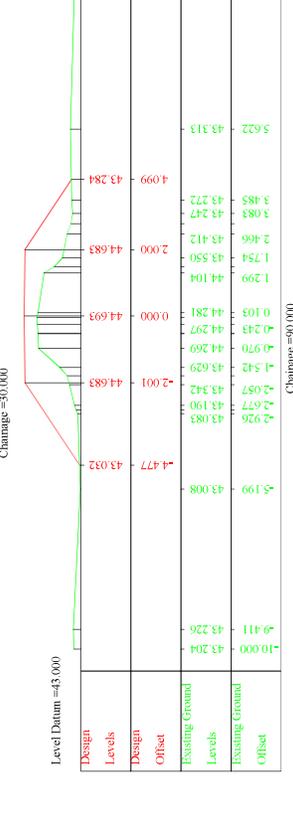
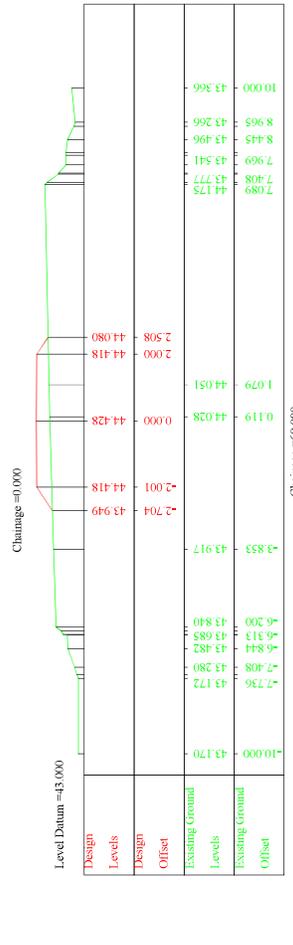
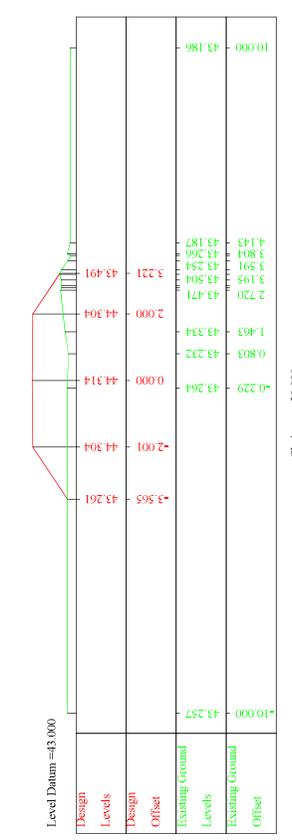
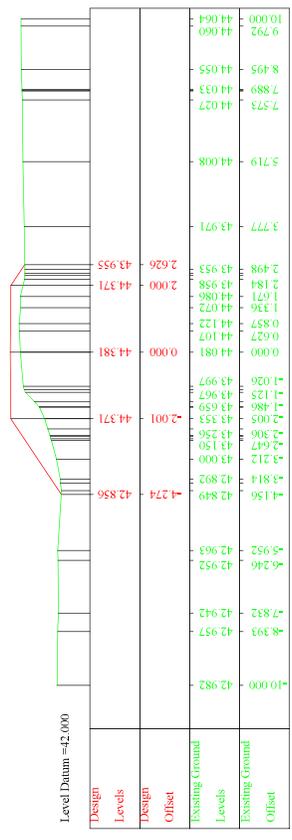


**SURVEY, DESIGN & DRAWN BY:**  
 FAR Infrastructures Pvt. Ltd  
 R.G. Barua Road Ganeshguri  
 Guwahati-781006

**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.

**LONG SECTIONS (REARING TANK-D)**  
 SCALE: - 1 : 100  
 DRAWING NO. : LS / 1

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G. S. Road, Guwahati-781022.



**NAME OF WORK :-**

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

**STATE PROJECT DIRECTOR, ARIAS SOCIETY**  
ARIAS SOCIETY - Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.

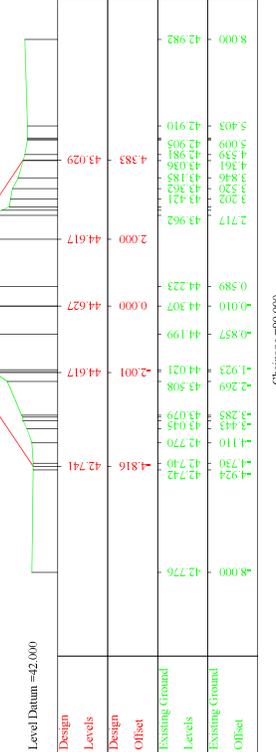
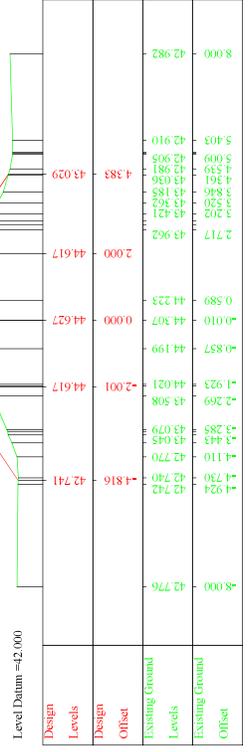
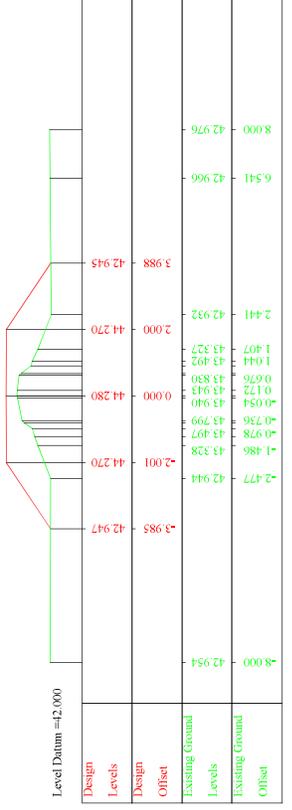
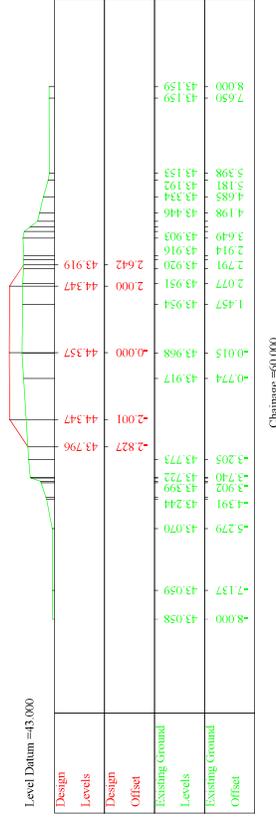
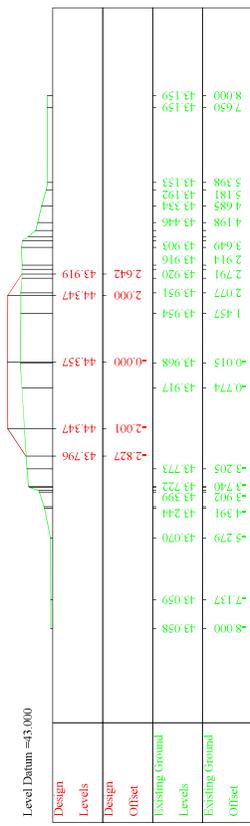
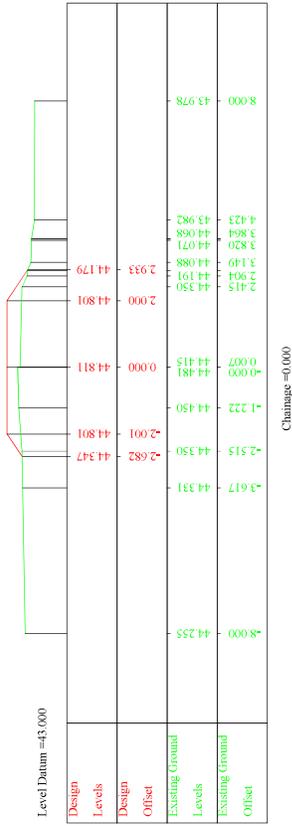
**DRAWING NO. : I**

**CROSS SECTION (REARING TANK-C)**

**NOT TO SCALE**

**SURVEY, DESIGN & DRAWN BY :-**

FAR Infrastructures Pvt. Ltd.  
R.G. Barua Road, Ganeshguri  
Guwahati-781006



**SURVEY, DESIGN & DRAWN BY :** FAR Infrastructures Pvt. Ltd., R.G. Baria Road, Ganeshguri, Guwahati-781006

**NAME OF WORK :-** Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Muggi Beel of Nalbari District.

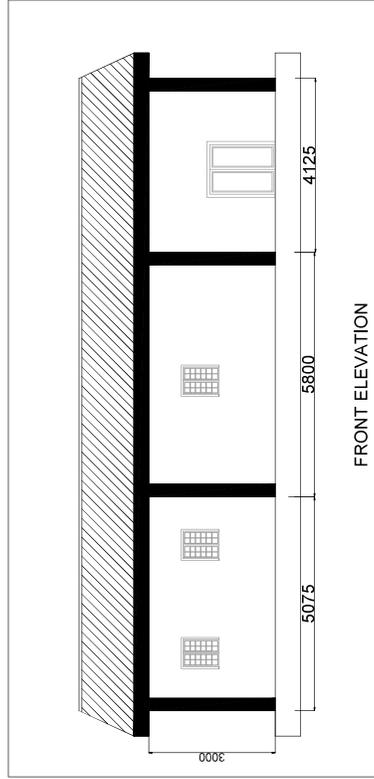
**Drawing :-** CROSS SECTION (REARING TANK-D)

**DRAWING NO. : I**

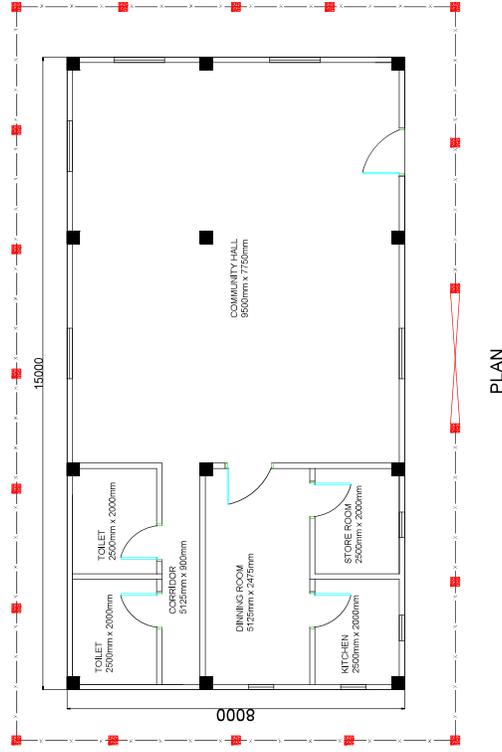
State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khamapara, G.S. Road, Guwahati-781022.







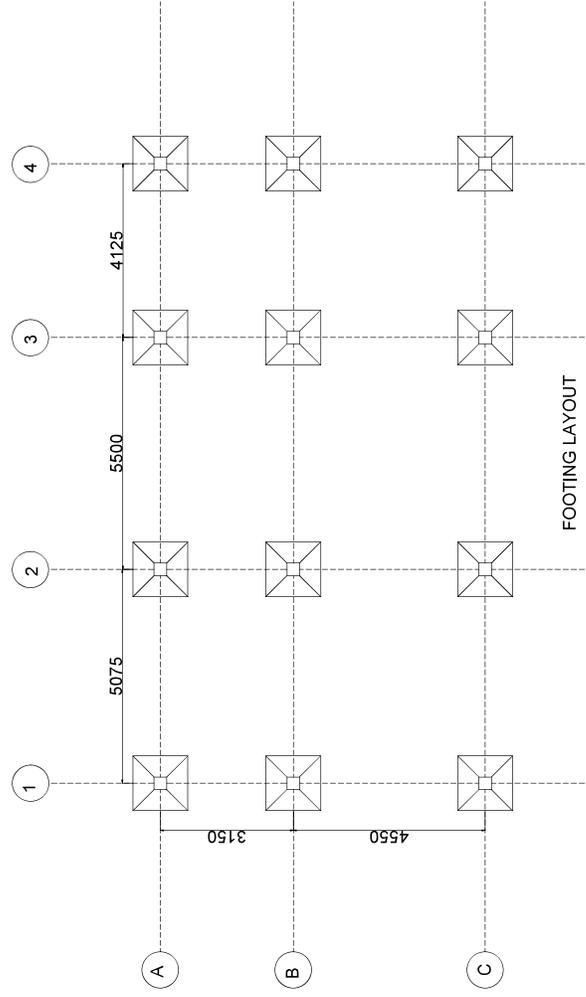
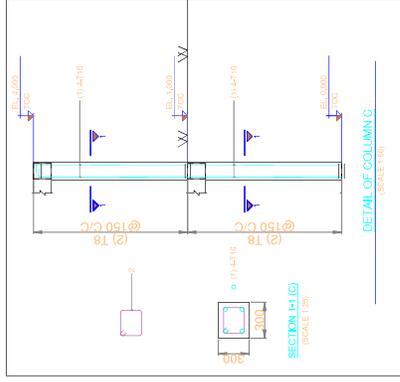
FRONT ELEVATION



PLAN

**NOTE:**

1. COLUMN SIZE = 300MM X 300MM
2. PLINTH BEAM SIZE = 300MM X 350MM
3. BEAM SIZE ABOVE GL = 300MM X 350MM
4. SIZE OF LINTEL = 125MM X 200MM
5. SIZE OF WINDOW = 1.50M X 1.20M
6. SIZE OF TOILET WINDOW = 0.6 M X 0.90 M
7. SIZE OF DOOR = 1.0 M X 2.10 M
8. SIZE OF TOILET DOOR = 0.75 M X 2.10 M



FOOTING LAYOUT

SURVEY, DESIGN & DRAWN BY :

**FAR Infrastructures Pvt. Ltd**  
R.G. Barua Road, Ganeshtguri  
Guwahati-781006



NAME OF WORK :-

Detailed Engineering Survey, Layout Preparation, Design and Estimation For Conservation  
Restoration and Rejuvenation of Mugdhi Beel of Nalbari District

NOT TO SCALE

SCALE :  
COMMUNITY HALL

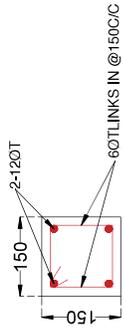
DRAWING NO. : I

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.

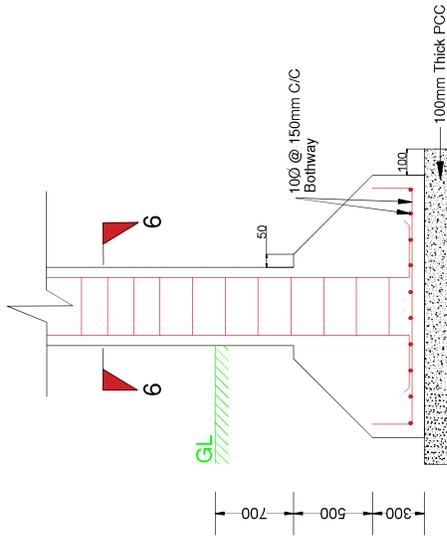




### DETAILS OF RCC POST FOR CHAIN-LINK FENCING

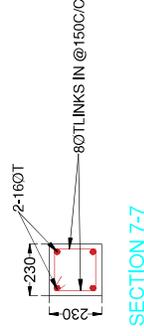


SECTION 6-6

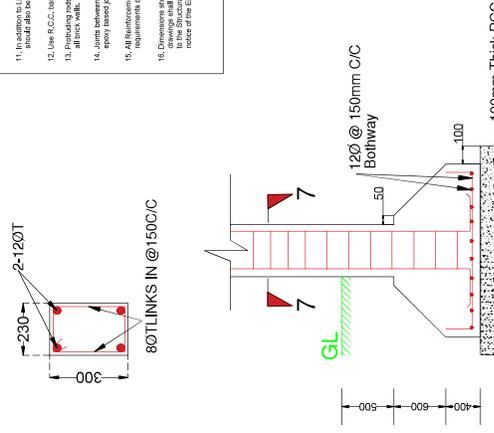


SECTION Y-Y

### DETAILS OF RCC POST FOR GATE



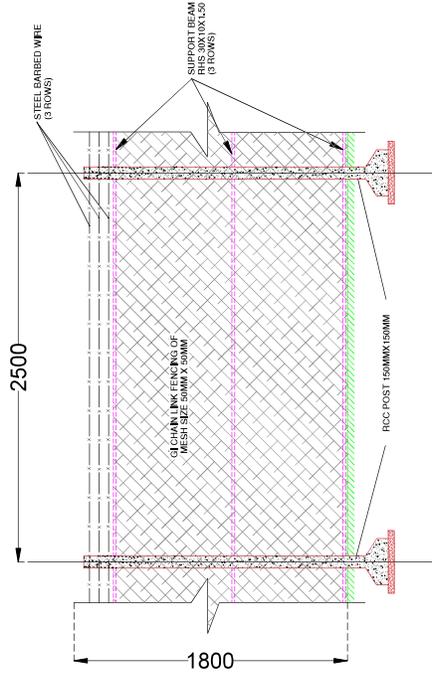
SECTION 7-7



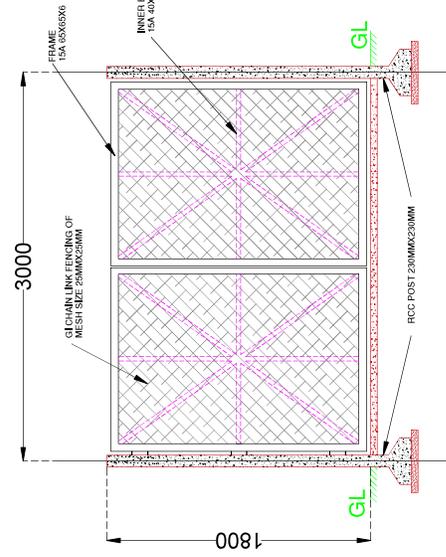
SECTION Z-Z

1. All dimensions are in millimeters.
2. All dimensions are to be read and not to be scaled.
3. Codes of Concrete used: IS: 20.
4. Codes of Steel Reinforcement: IS: 1786 (Grade 500)
5. Clear cover for reinforcement:
  - i) In foundations: 50mm
  - ii) In columns: 40mm
  - iii) In beams: 25mm
  - iv) In slabs: 20mm
6. Not more than one third of the total number of main bars shall be overlapped at any section of a column.
7. Laps, anchorage of reinforcement bars shall be as per IS: 446: 2000.
8. Maximum size of Coarse Aggregate shall be 20 mm and shall conform to IS: 3813: 1970
9. Aggregates shall conform with the requirements of IS: 3813: 1970
10. Minimum concrete cover to reinforcement:
  - i) In foundations: 50mm
  - ii) In columns: 40mm
  - iii) In beams: 25mm
  - iv) In slabs: 20mm
11. Reinforcement shall be provided with E.C.C. bend as all level.
12. Use R.C.C. bars also in all vertical sides of openings.
13. Reinforcing rods to be provided in columns for embedding of reinforcement.
14. Reinforcement shall be provided for embedding with epoxy based joint filling compound.
15. All the dimensions shall be taken from all the general requirements of IS: 4325 and IS: 15020.
16. Dimensions for the reinforcement shall be taken from all the general requirements of IS: 4325 and IS: 15020.
17. Drawings shall be prepared in accordance with the provisions of IS: 10261: 2009. The drawings shall be prepared in the form of a collaboration with the Structural Engineer. Any major deviations shall be brought to the notice of the Engineer in charge.

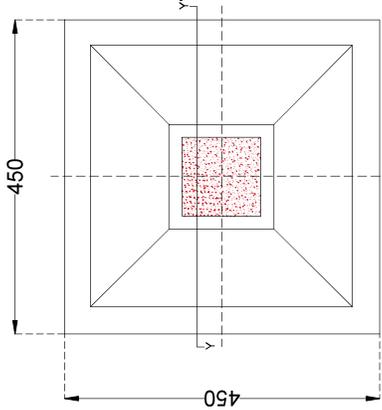
### DETAILED OF CHAIN LINK FENCE



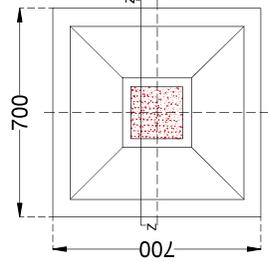
### DETAILED OF MS GATE



### FOOTING PLAN



### FOOTING PLAN



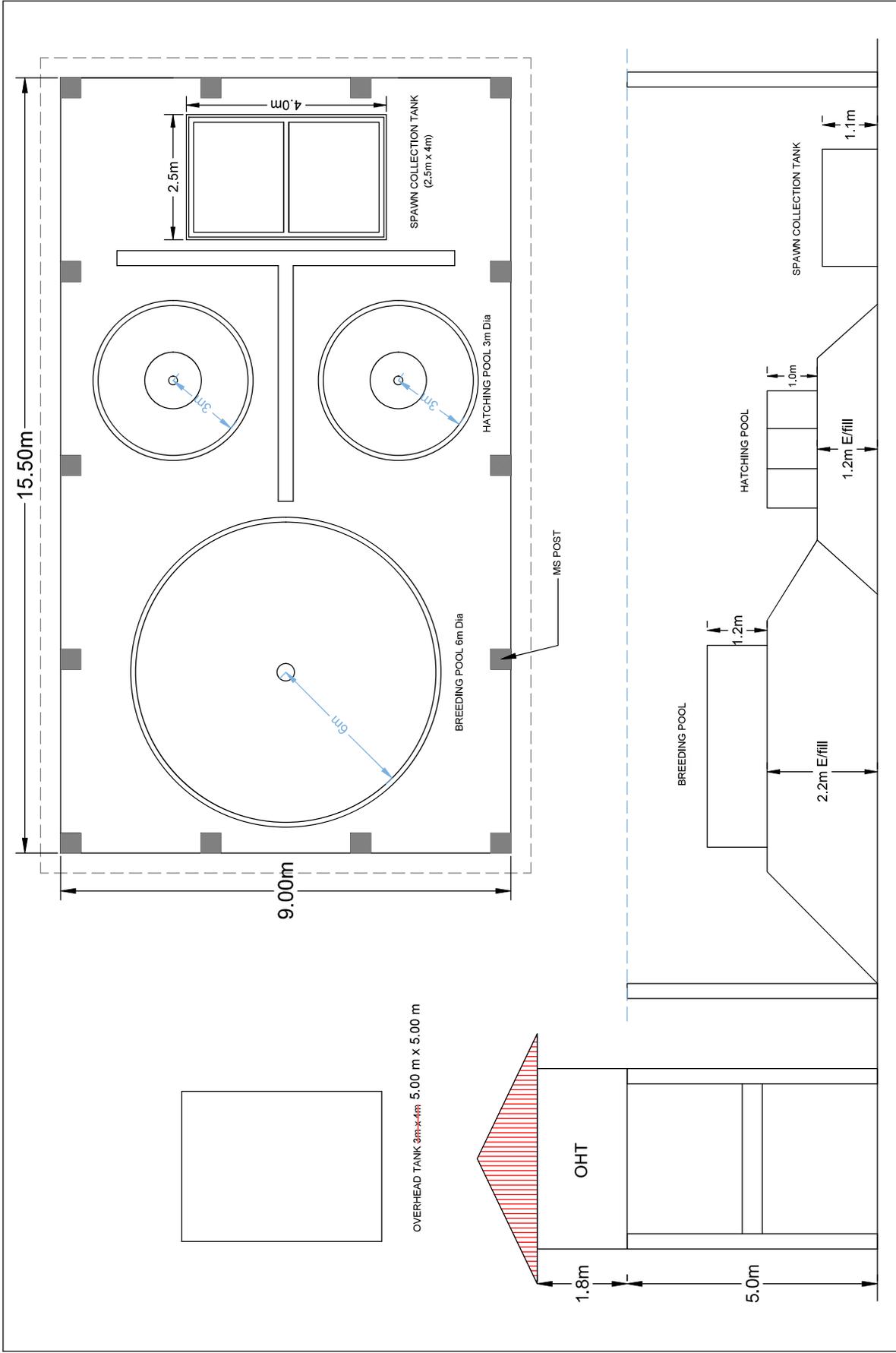
**SURVEY, DESIGN & DRAWN BY:**  
  
 FAR Infrastructures Pvt. Ltd.  
 R.G. Barua Road, Ganeshguri  
 Guwahati-781006

**NAME OF WORK :-**  
 Detailed Engineering Survey, Layout Preparation, Design and Estimation For Conservation Restoration and Rejuvenation of Mugdi Beel of Nalbari District.

**NOT TO SCALE**

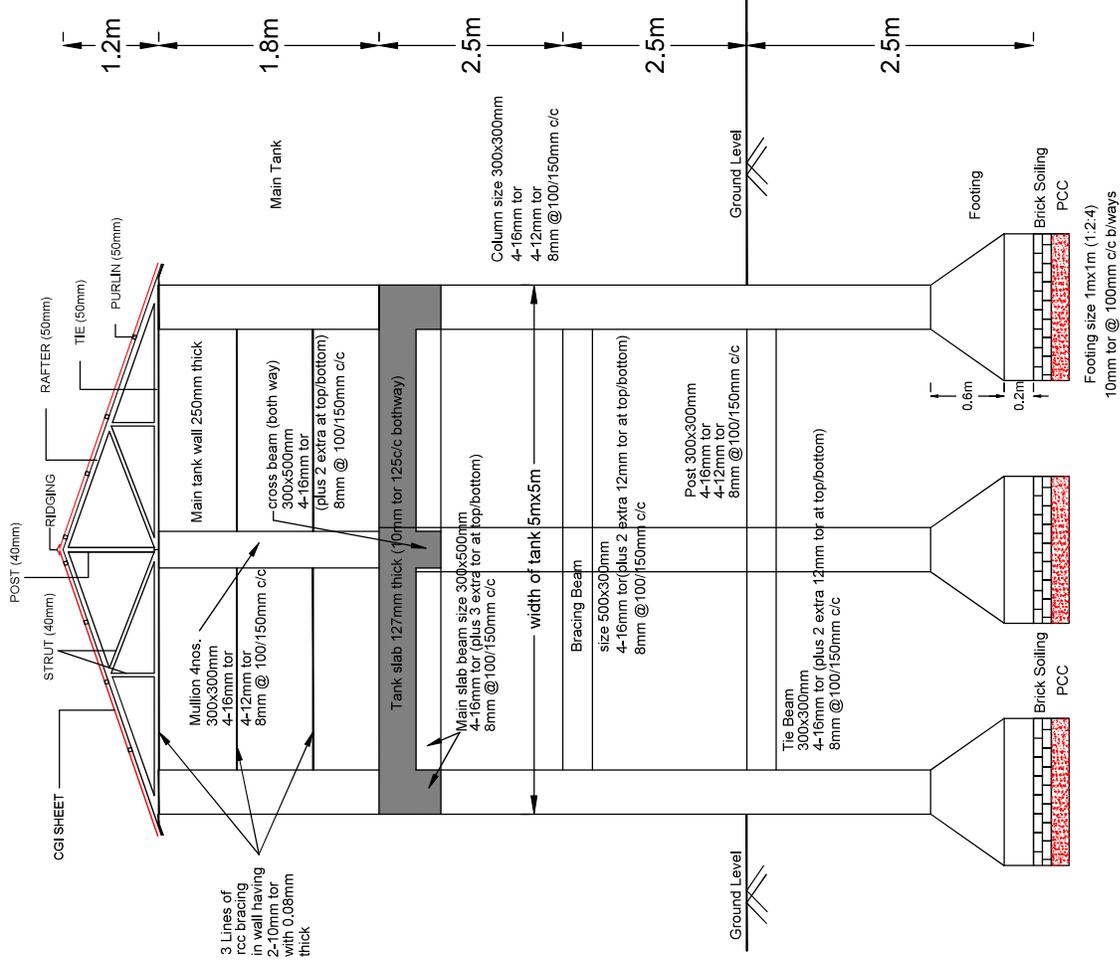
**Drawing :-**  
 CHAIN LINK FENCING  
**DRAWING NO. : 1**

**State Project Director, ARIAS Society**  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G.S. Road, Guwahati-781022.

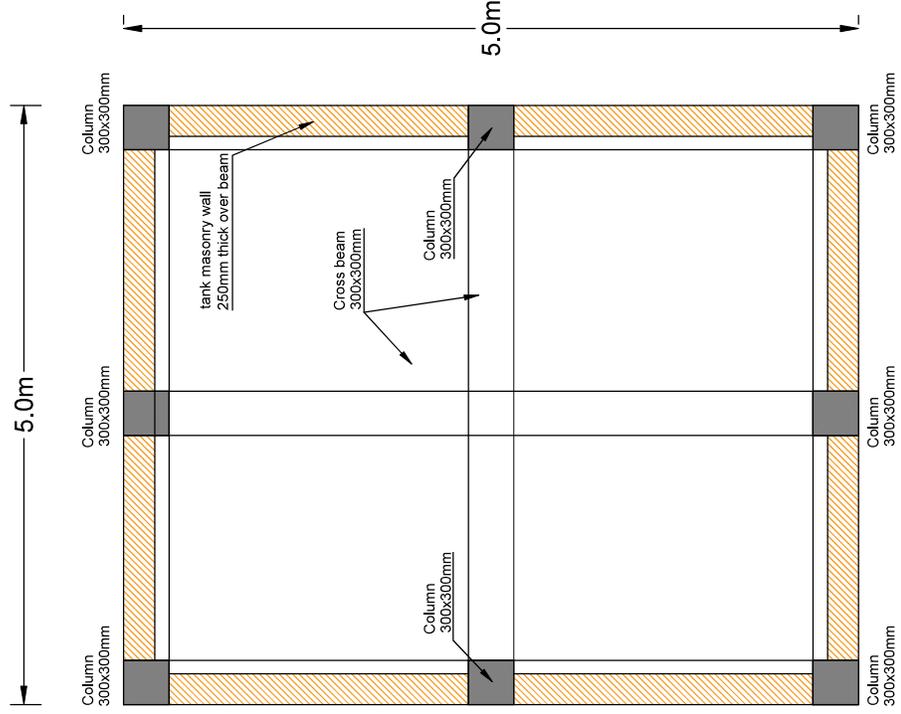


<p><b>SURVEY, DESIGN &amp; DRAWN BY :</b></p> <p>FAR Infrastructures Pvt. Ltd. R.G. Barua Road, Ganeshguri Guwahati-781006</p> 	<p><b>NAME OF WORK :-</b></p> <p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.</p>	<p><b>Drawing :-</b></p> <p>Hatchery Plan</p>	<p><b>State Project Director:</b> ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.</p>
<p><b>NOT TO SCALE</b></p>		<p><b>DRAWING NO. : 1</b></p>	

**DETAIL OF RCC OVERHEAD TANK**



**DETAILS OF RCC OVERHEAD TANK (Slab and Beams)**



SURVEY, DESIGN & DRAWN BY: **NAME OF WORK:-**

**FAR Infrastructures Pvt. Ltd.**  
R.G. Barua Road, Ganeshguri,  
Guwahati-781006

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.

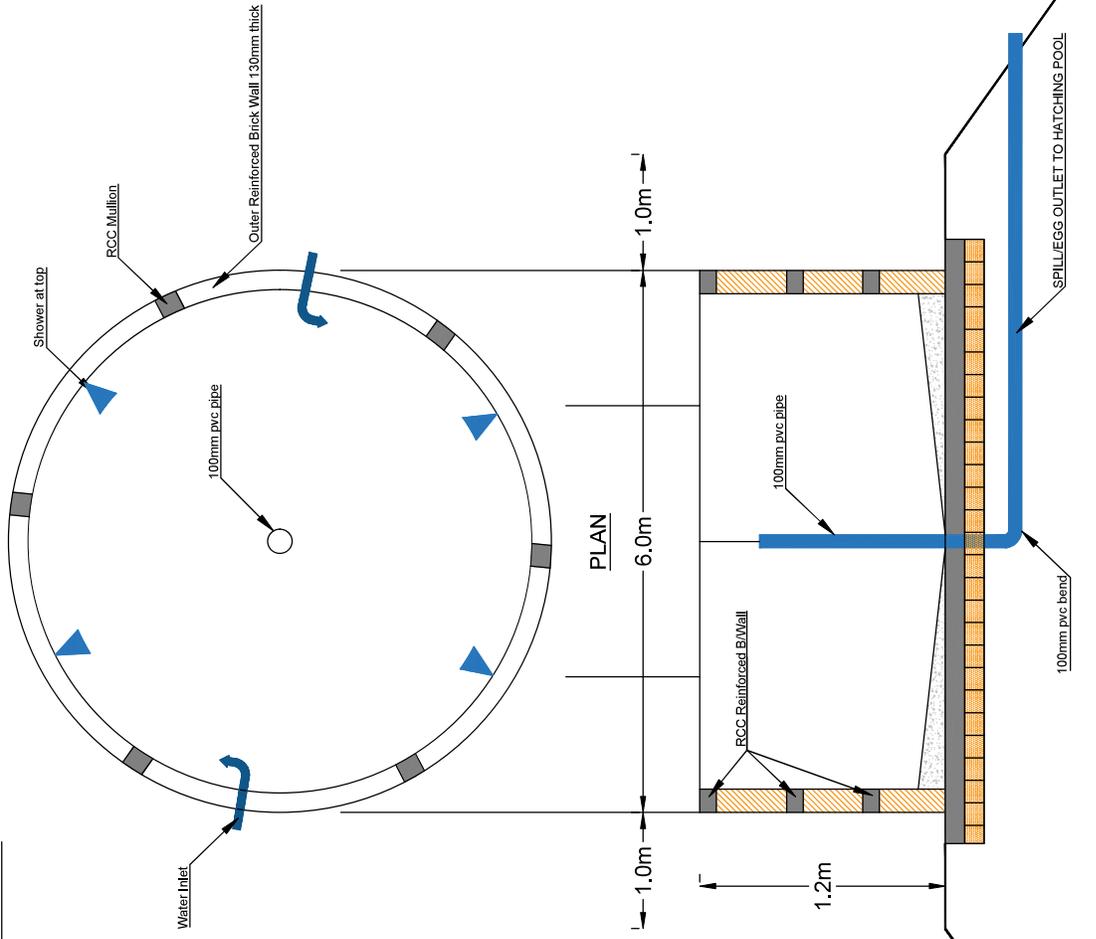
NOT TO SCALE

Drawing : **RCC Overhead Tank**

DRAWING NO. : 1

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.

DETAILS OF BREEDING POOL



SURVEY, DESIGN & DRAWN BY:

**FR**  
 FAR Infrastructures Pvt. Ltd.,  
 R.G. Highway, Pimpri, Pune-411006  
 Guwahati-781006

NAME OF WORK:-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugi Bcl of Nalbari District.

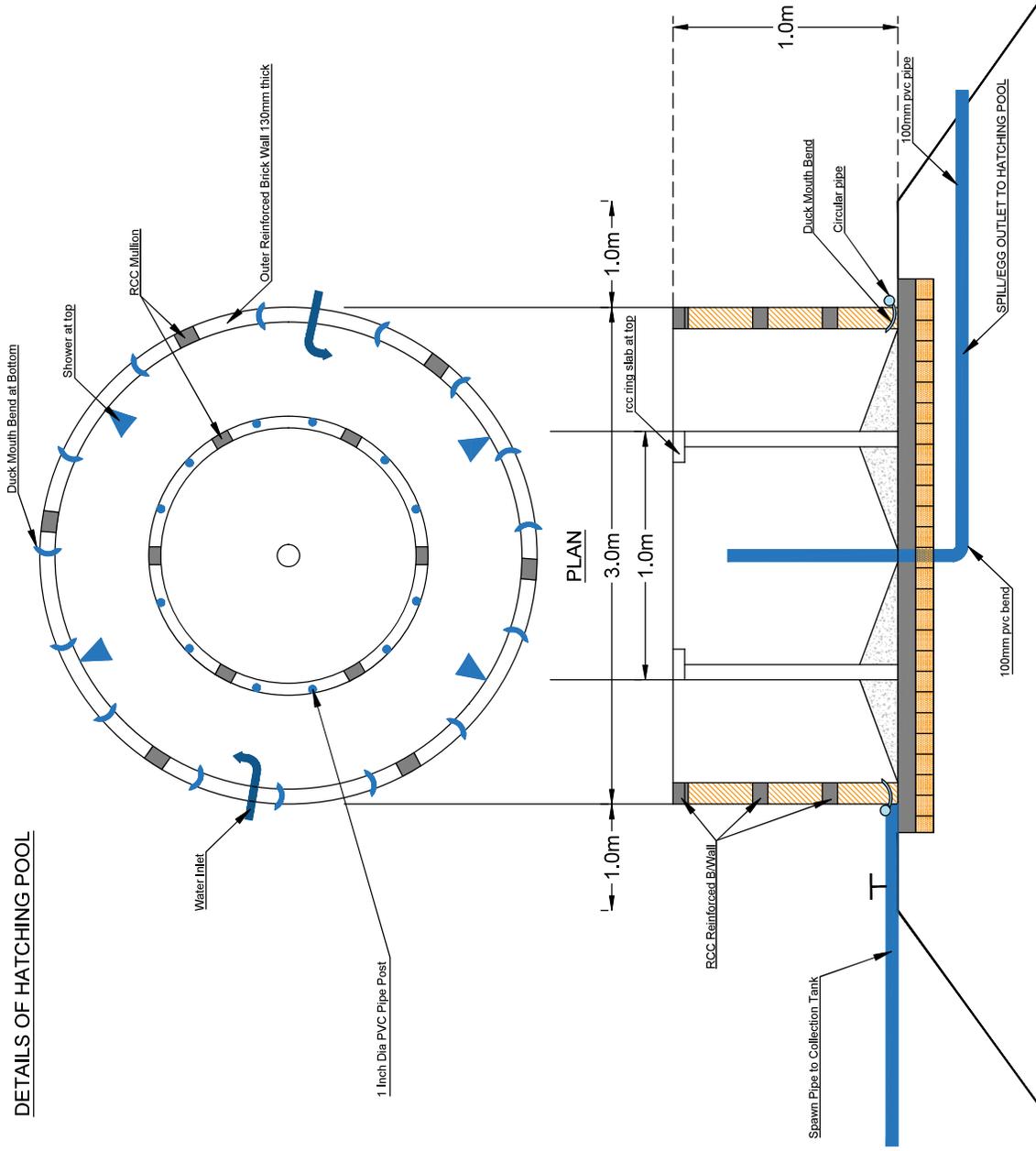
NOT TO SCALE

Drawing: BREEDING POOL

DRAWING NO. : 1

State Project Director, ARIAS Society  
 ARIAS Society, Agriculture Complex,  
 Khanapara, G.S. Road, Guwahati-781022.

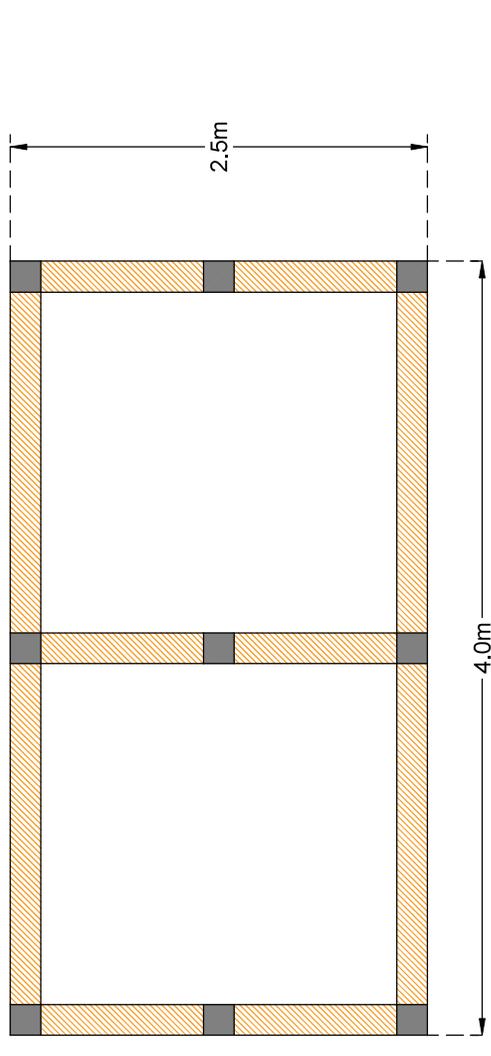
**DETAILS OF HATCHING POOL**



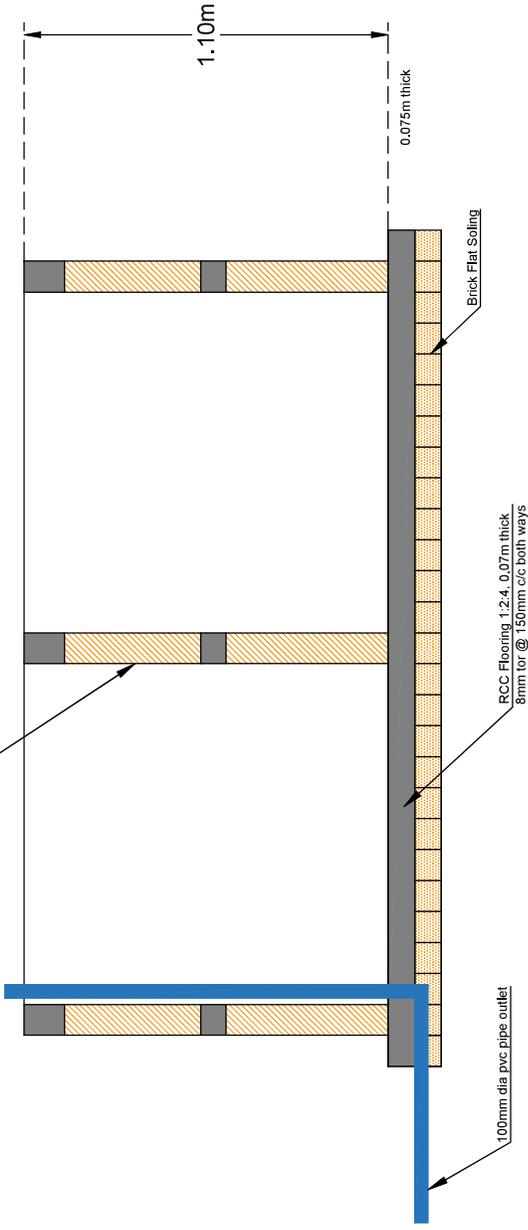
**SECTION**

SURVEY, DESIGN & DRAWN BY: <b>FAR Infrastructures Pvt. Ltd.</b> R.G. Purohit, Gwalior Gwalior-4781006	NAME OF WORK:- Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Bcd of Nalbari District.		NOT TO SCALE	Drawing:- HATCHING POOL DRAWING NO. : 1	State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Gwalior-4781022.
	STATE OF WORK:-				

DETAILS OF SPAWN COLLECTION TANK



Reinforced Brick wall 112mm thick all around



SURVEY, DESIGN & DRAWN BY:

FAR Infrastructures Pvt. Ltd.  
R.G. Bera Road, Gannasiguri  
Gowahat-781006



NAME OF WORK:-

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Majuli Islet of Nalbari District.

NOT TO SCALE

Drawing:

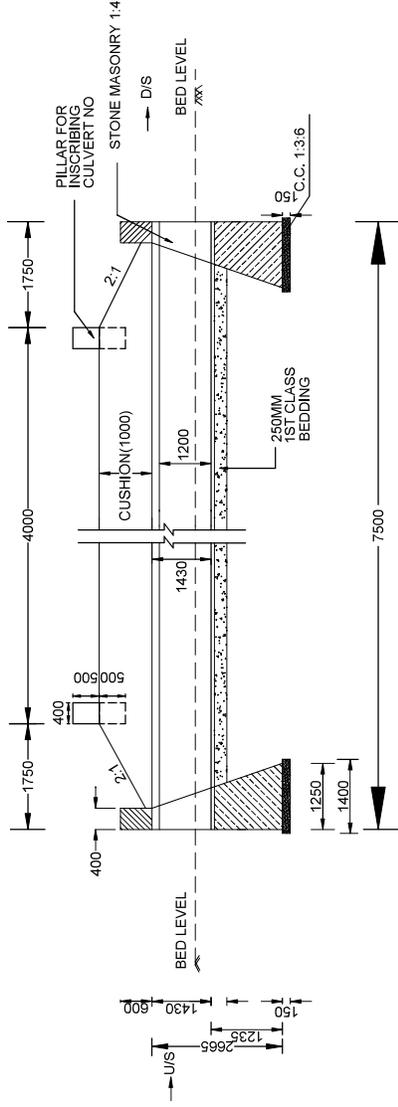
SPAWN COLLECTION TANK

DRAWING NO. : 1

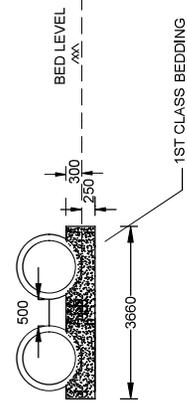
State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahat-781022.

**NOTES:-**

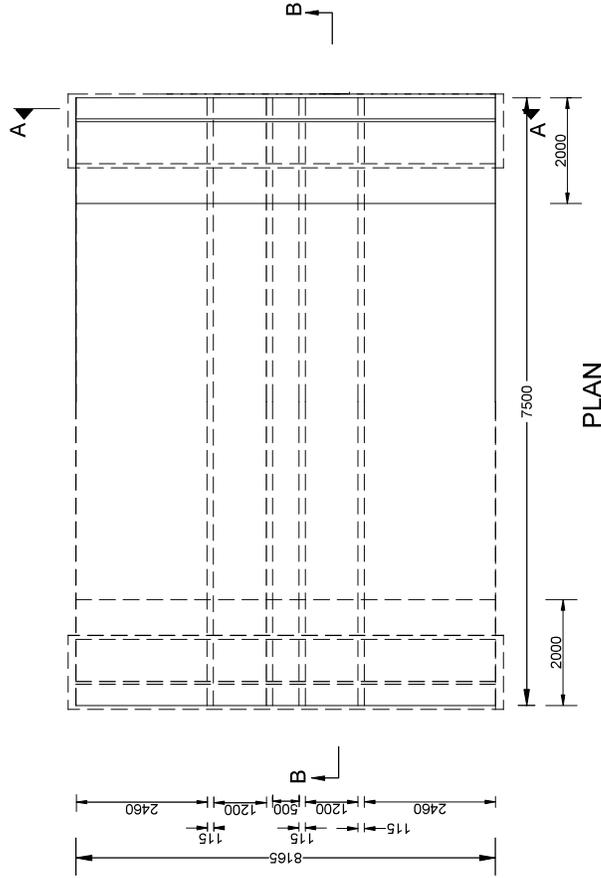
1. ALL DIMENSIONS ARE IN mm UNLIT & UNLESS STATED
2. THE PIPES SHALL BE RCC NP.3 THE SPECIFICATIONS OF PIPES SHALL BE AS PER IS:458 OF 1988
3. MINIMUM CUSHION ABOVE PIPE INCLUDING ROAD CRUST SHALL BE 1.0M



**SECTION AT B-B**



**SECTION AT A-A  
(FOR PIPE BED)**



**PLAN**

**SURVEY, DESIGN & DRAWN BY:-**

**FAR Infrastructures Pvt. Ltd.**  
R.G. Barua Road, Ganeshguri  
Guwahati-781006



**SCALE:-**

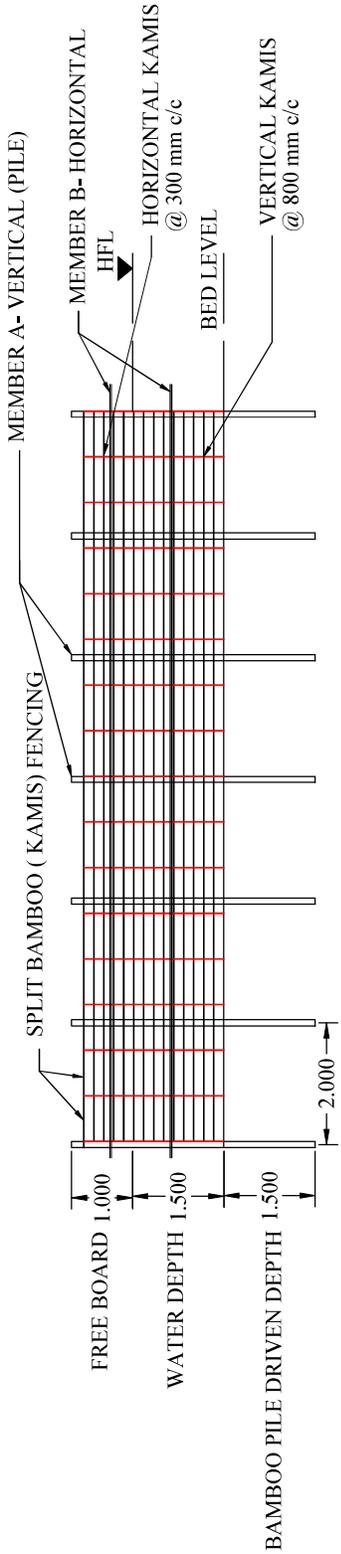
NOT TO SCALE

Double HP Culvert

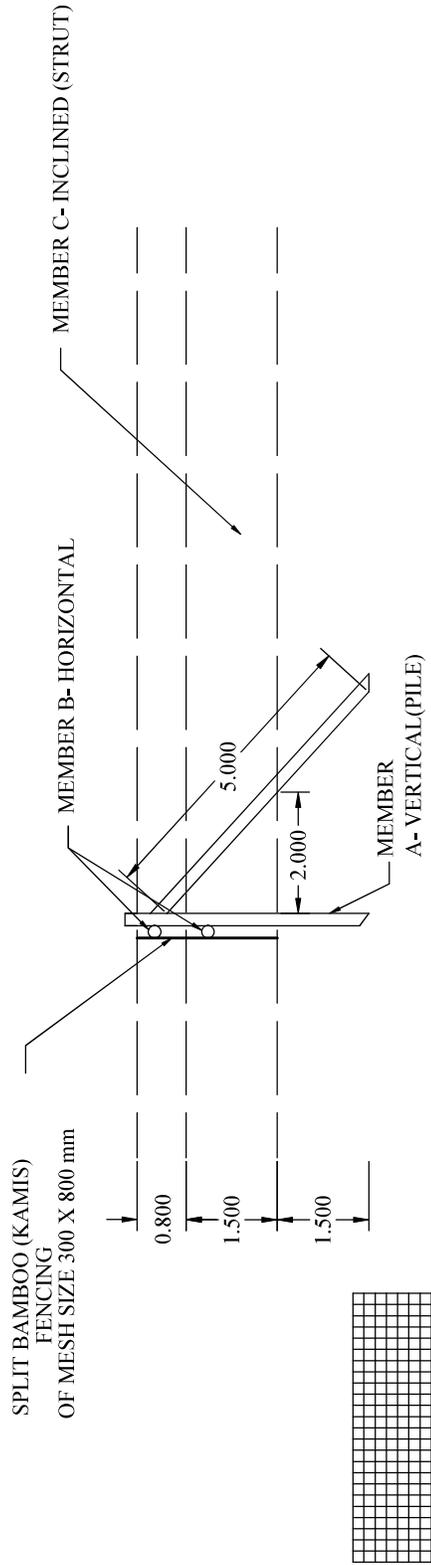
DRAWING NO. : 1

Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022

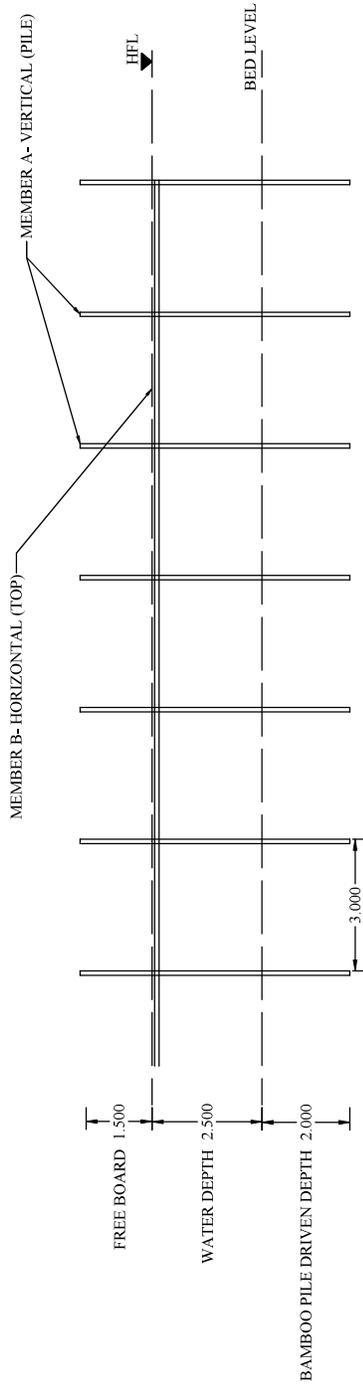


PEN CULTURE STRUCTURE AT BEEL/WETLAND FISHERIES. ( FRONT-ELEVATION)

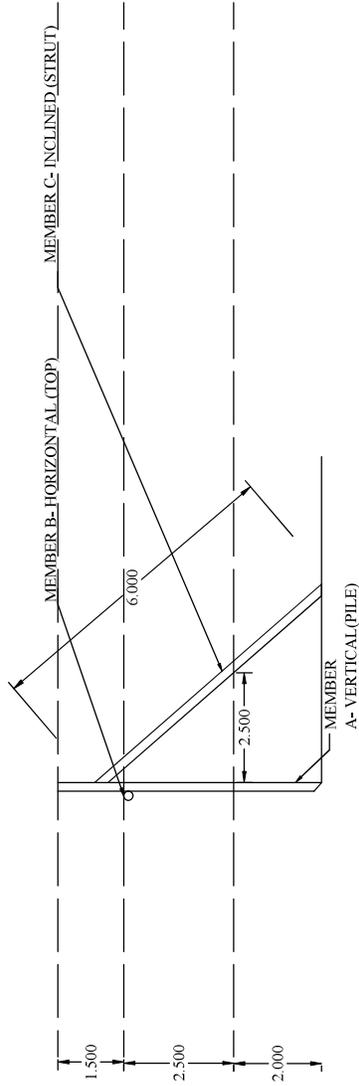


PEN CULTURE STRUCTURE AT BEEL/WETLAND FISHERIES. ( SIDE-ELEVATION)

<b>SURVEY, DESIGN &amp; DRAWN BY :-</b>  <b>FAR Infrastructures Pvt. Ltd.</b> R.G. Baria Road, Ganeshguri Guwahati-781006	<b>NAME OF WORK :-</b> Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.	<b>NOT TO SCALE</b>	<b>Drawing :-</b> PEN CULTURE	State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.
			<b>DRAWING NO. :- 1</b>	

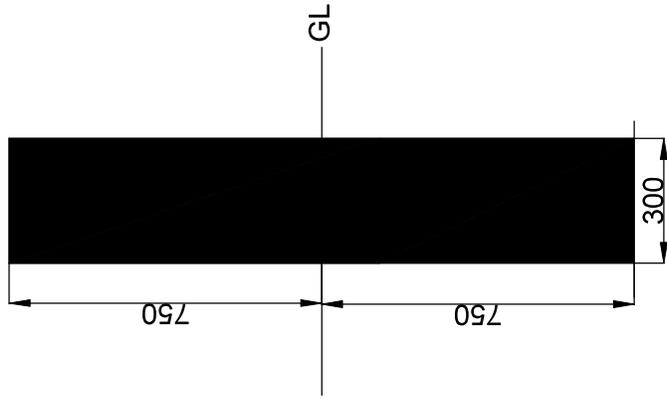


KATA/CATTLE FISHING STRUCTURE AT BEEL/WETLAND FISHERIES. ( FRONT- ELEVATION)

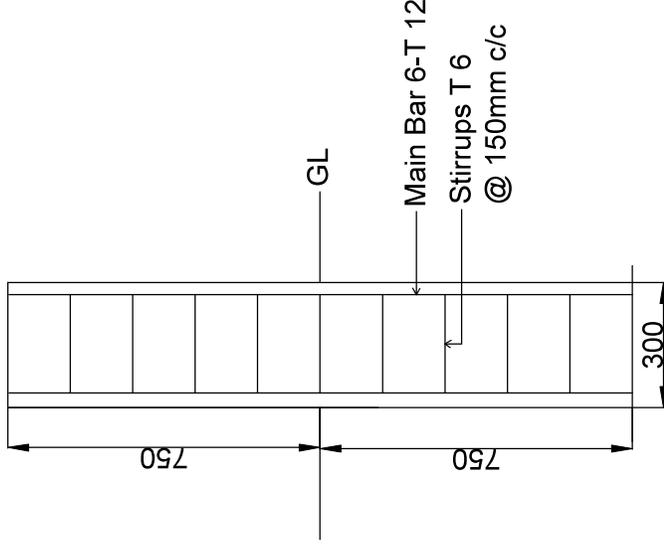


KATA/CATTLE FISHING STRUCTURE AT BEEL/WETLAND FISHERIES. ( SIDE - ELEVATION)

<p><b>SURVEY, DESIGN &amp; DRAWN BY :</b></p> <p><b>FAR Infrastructures Pvt. Ltd.</b>  <b>R.G. Barua Road, Ganeshguri</b>  <b>Guwahati-781006</b></p> 	<p><b>NAME OF WORK :-</b></p> <p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mugdi Beel of Nalbari District.</p>	<p><b>NOT TO SCALE</b></p>	<p><b>Drawing :</b></p> <p>KATAL FISHING</p>	<p>State Project Director, ARIAS Society          ARIAS Society, Agriculture Complex,          Khanapara, G.S. Road, Guwahati-781022.</p>
			<p><b>DRAWING NO. : 1</b></p>	



Rcc Guard Post  
300 mm dia



Rcc Guard Post  
300 mm dia (section)

SURVEY, DESIGN & DRAWN BY :

FAR Infrastructures Pvt. Ltd.  
R.G. Barua Road, Ganeshguri  
Guwahati-781006



NAME OF WORK :-

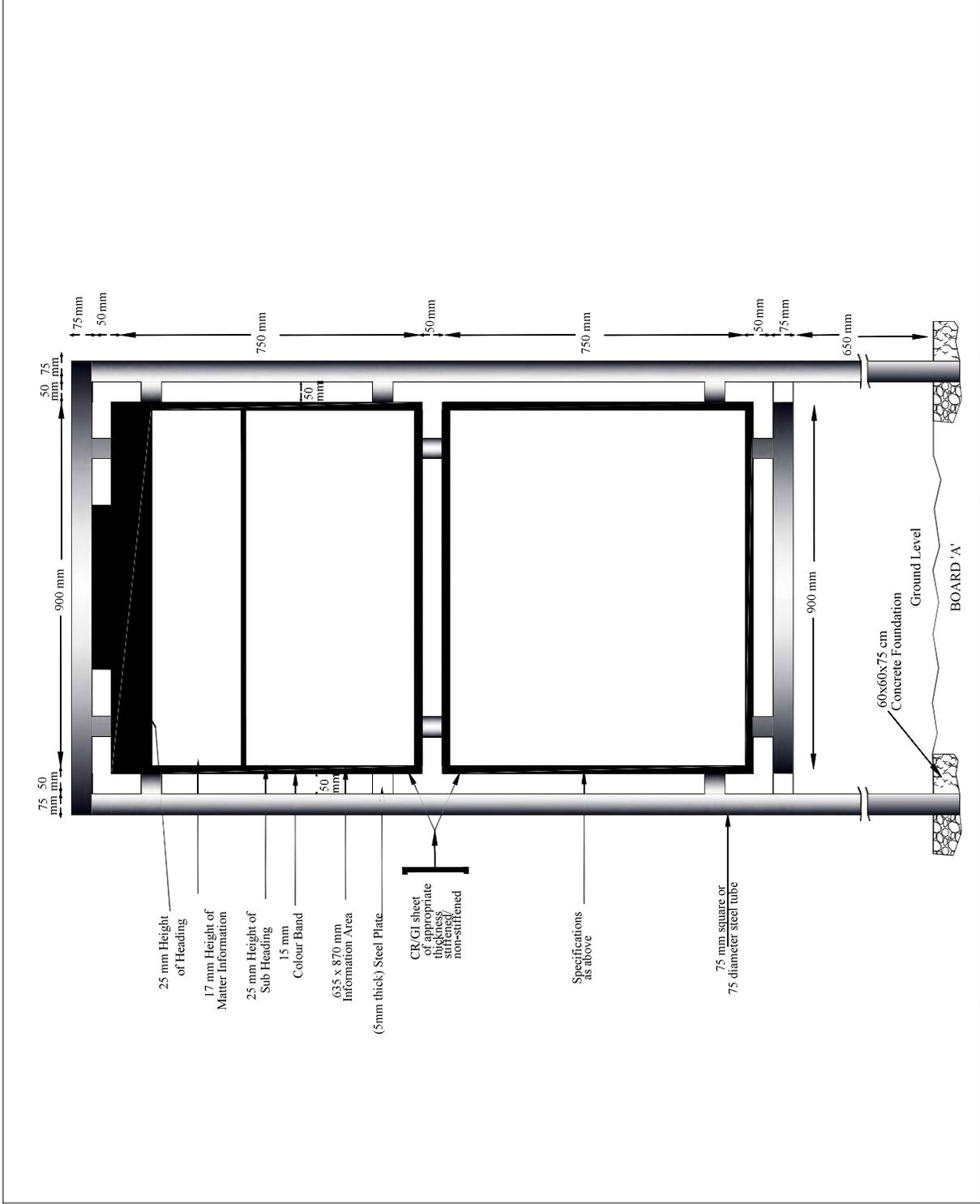
Detailed Engineering Survey, Layout Preparation, Design and Estimation For Conservation  
Restoration and Rejuvenation of Mughal Beel of Nalbari District.

Drawing :

Demarcation Pillar

DRAWING NO. :

State Project Director, ARIAS Society  
ARIAS Society, Agriculture Complex,  
Khanapara, G.S. Road, Guwahati-781022.



<p><b>SURVEY, DESIGN &amp; DRAWN BY:</b></p> <p>FAR Infrastructures P.V. Ltd. R.G. Barua Road, Ganshiguri Guwahati-781006</p> 	<p><b>NAME OF WORK:-</b></p> <p>Detailed Engineering Survey, Layout Preparation, Design and Estimation for Conservation, Restoration and Rejuvenation of Mughl Beel of Nalbari District.</p>	<p><b>SCALE:-</b></p> <p>NOT TO SCALE</p>	<p><b>DRAWING CITIZEN INFORMATION BOARD</b></p> <p>DRAWING NO. : I</p>	<p>State Project Director, ARIAS Society ARIAS Society, Agriculture Complex, Khanapara, G.S. Road, Guwahati-781022.</p>
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