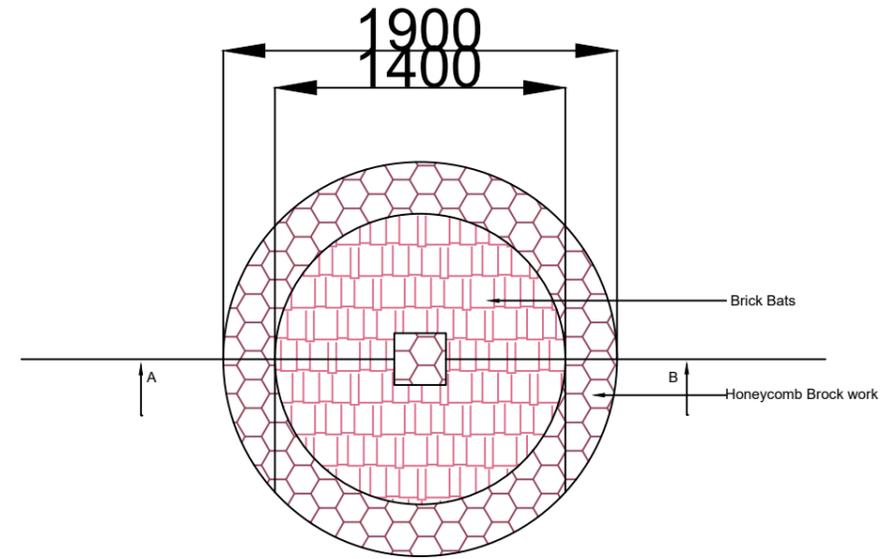
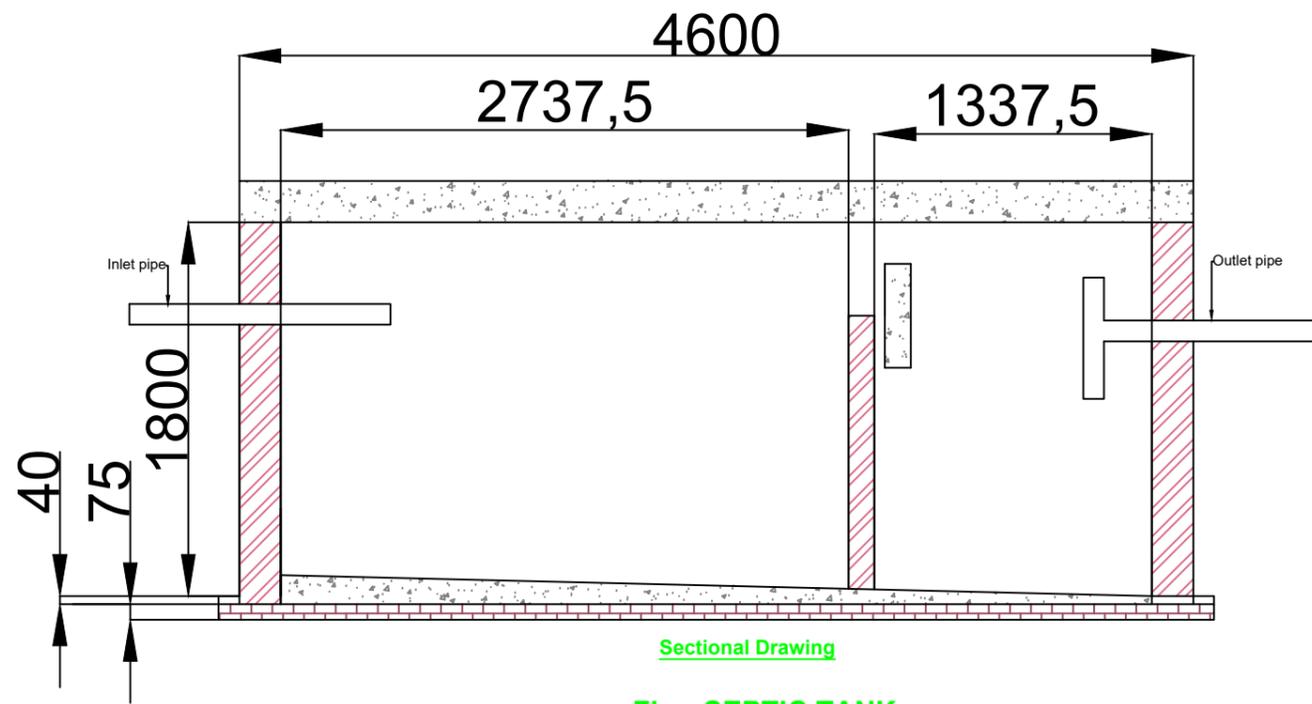


Plan Drawing

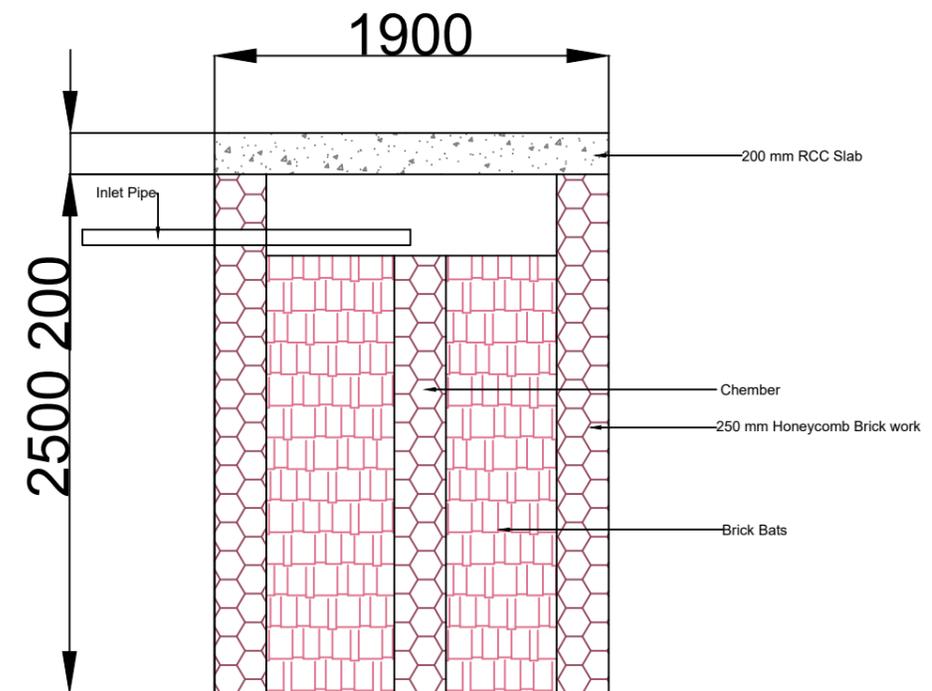


Plan Drawing



Sectional Drawing

Fig:- SEPTIC TANK



Sectional Drawing

Fig:- SOAK PIT

KEY PLAN

REFERENCE DRAWING

NO	DRAWING NO.	DESCRIPTION

GENERAL NOTES

- ALL DIMENSION ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

LEGEND

NO	DATE	DESCRIPTION	BY	CHECKED	APPROVED

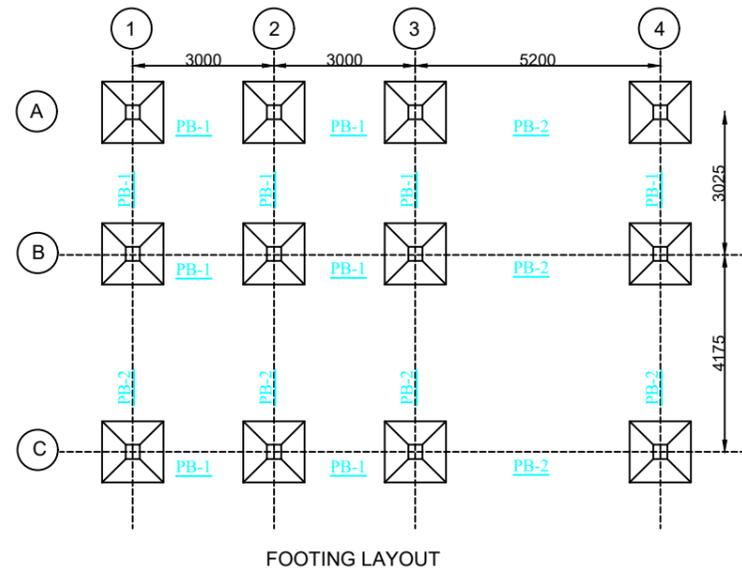
PROJECT	CLIENT
SWIFT DPR	ARIAS

DRAWING TITLE	SCALE	FORMAT	DRAWING NUMBER	SHEET NUMBER
COMMUNITY HALL SEPTIC TANK AND SOAK PIT	A3			

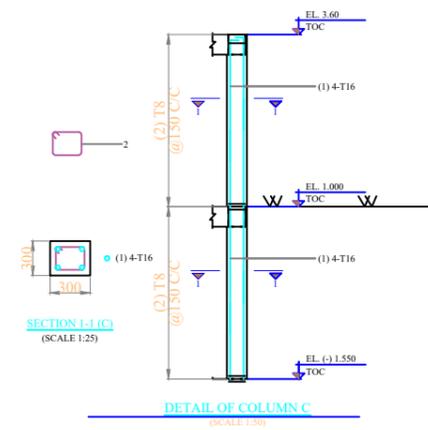
SUMATO GLOBALTECH PVT LTD	AVATAR COMPLEX, NAKHARANI PATH, DISPUR, GUWAHATI, ASSAM
Architects & Consultant	

NOTES

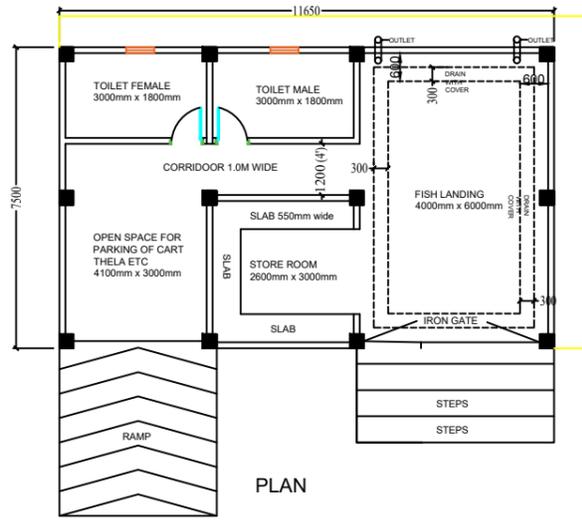
1. This drawing is the property of SM and it is not to be reproduced, copied or handed over in any form except for the purpose for which it is intended.
2. All dimensions are in millimeters except where mentioned otherwise.
3. Drawings are not to be scaled, written dimensions are to be followed. All discrepancies to be brought to the notice of the Architect and resolved before commencement of any work.
4. This drawing is to be read in conjunction with details, large scale drawings, structural, plumbing, electrical and other relevant drawings.
5. Detail drawings shall supercede smaller scale drawings and notes.
6. All lintel lvl. is from finish floor lvl.



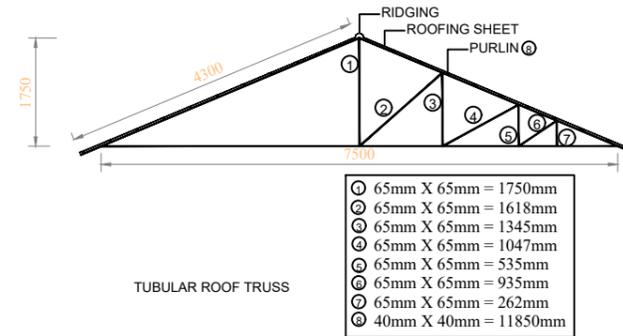
FOOTING LAYOUT



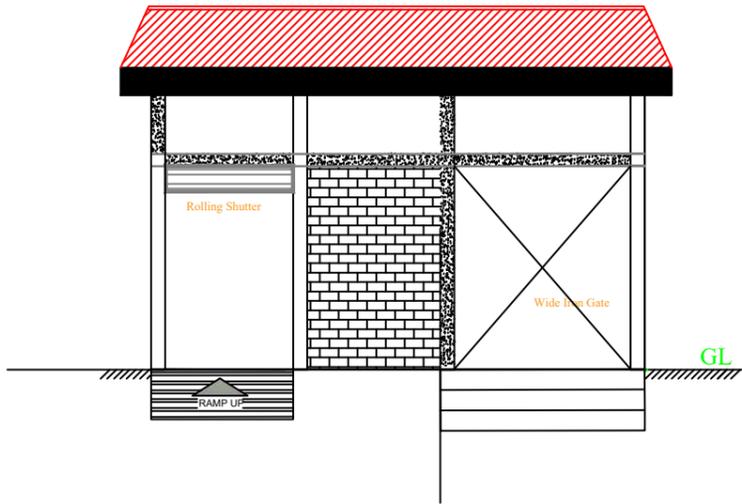
DETAIL OF COLUMN C (SCALE 1:50)



PLAN



TUBULAR ROOF TRUSS



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

DESCRIPTION

CLIENT:
ARIAS SOCIETY

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

DRAWING CONTENTS:
PLAN ELEVATION & CROSS SECTION OF FISH LANDING STRUCTURE

DRAWING NO:

DRAWING TITLE:-
PLAN & SECTION

SCALE:
DATE : 12-01-2025

PAPER SIZE: A3

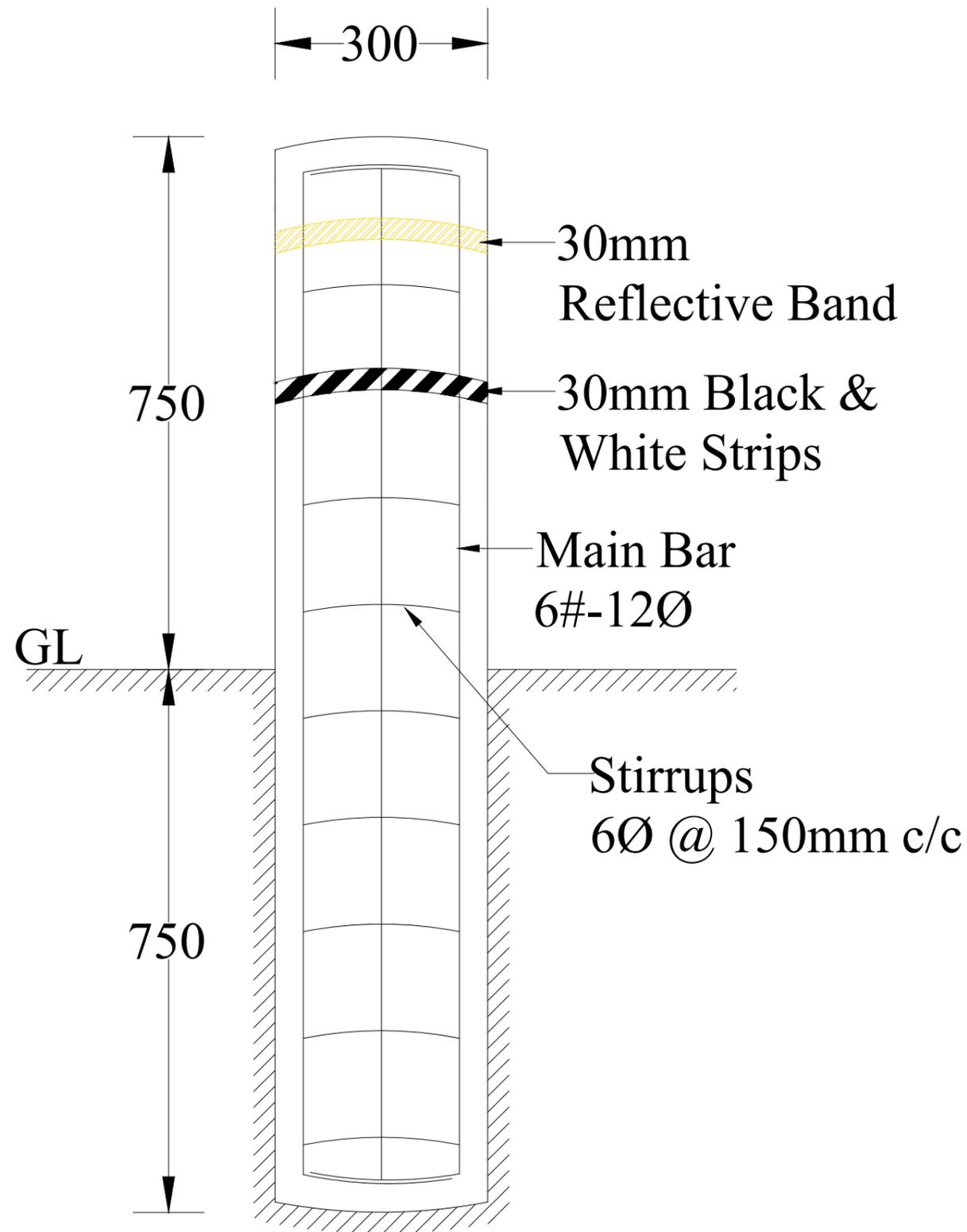
SIGNATURE:

DESIGNED BY:

CONSULTANT ►

SUMATO GLOBALTECH PVT LTD

REVISIONS



KEY PLAN

REFERENCE DRAWING

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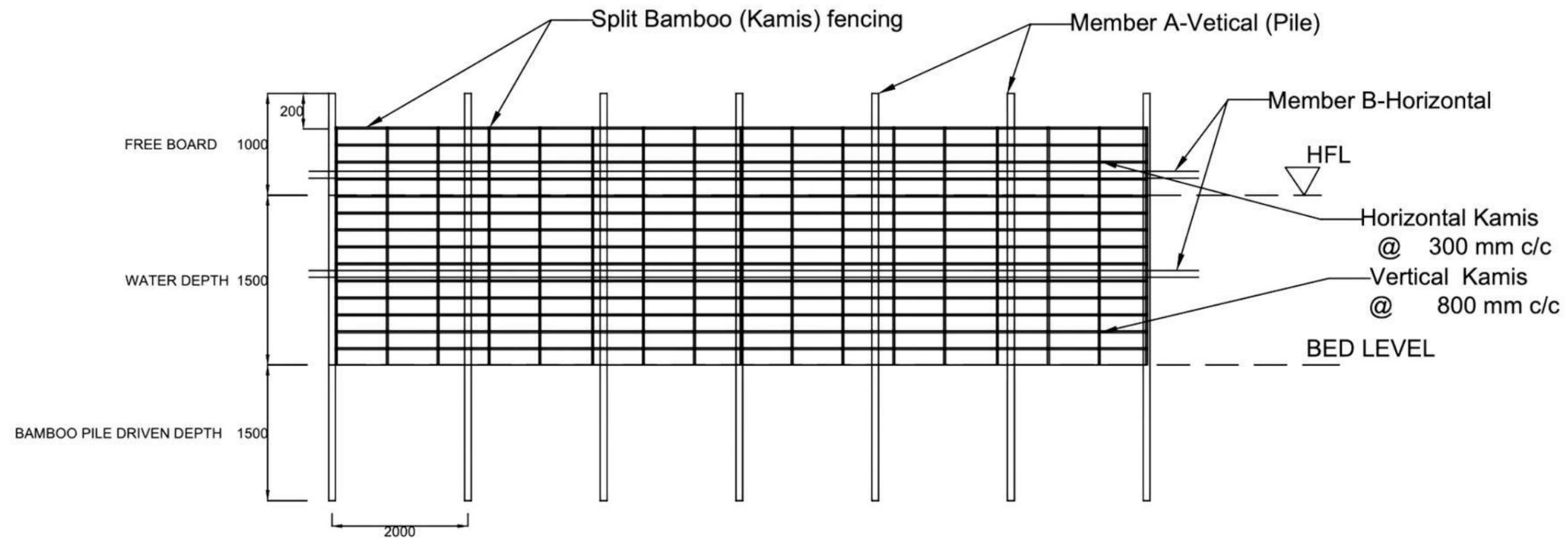
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1. ALL DIMENSION ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

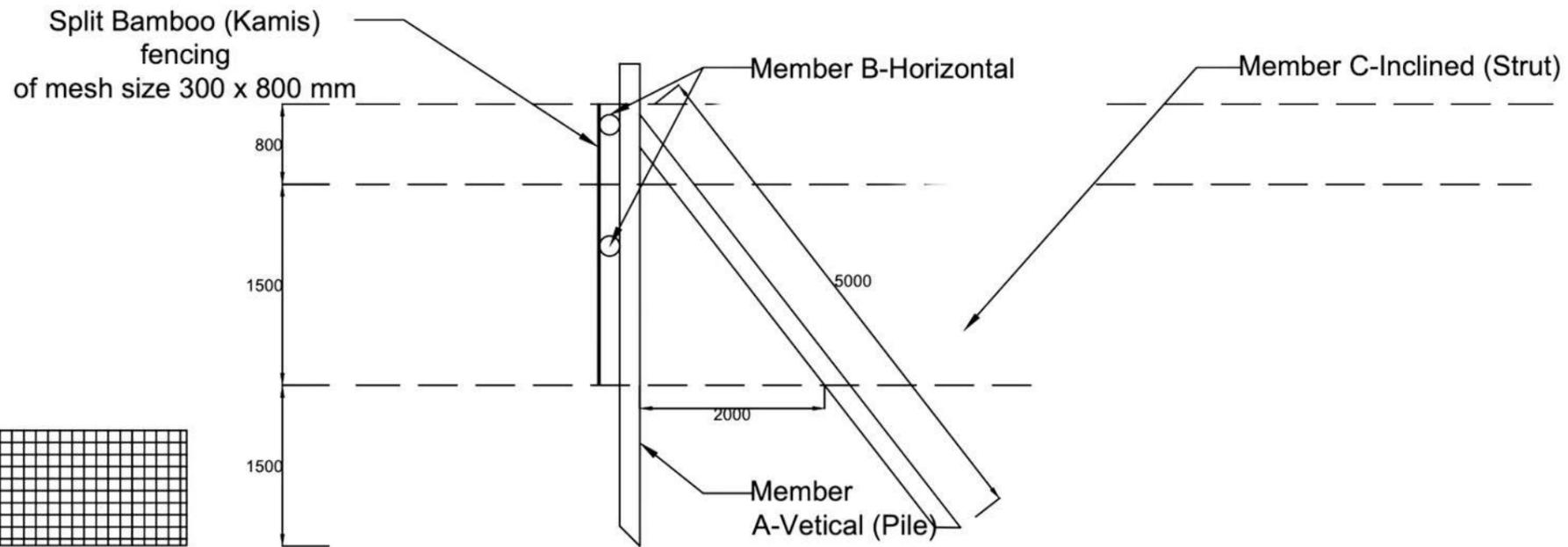
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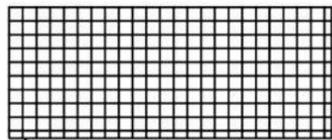
PROJECT SWIFT DPR		CLIENT ARIAS	
DRAWING TITLE COMMUNITY HALL		C/S	SHEET
SUMATO GLOBALTECH PVT LTD Architects & Consultant		AVATAR COMPLEX KAWASARI PLOT, DESPUR GURBAHATI-761008	



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



URE STRUCTURE AT BEEL/WETLAND



115 GSM

KEY PLAN

REFERENCE DRAWING

NO.	DRAWING NO.	DESCRIPTION

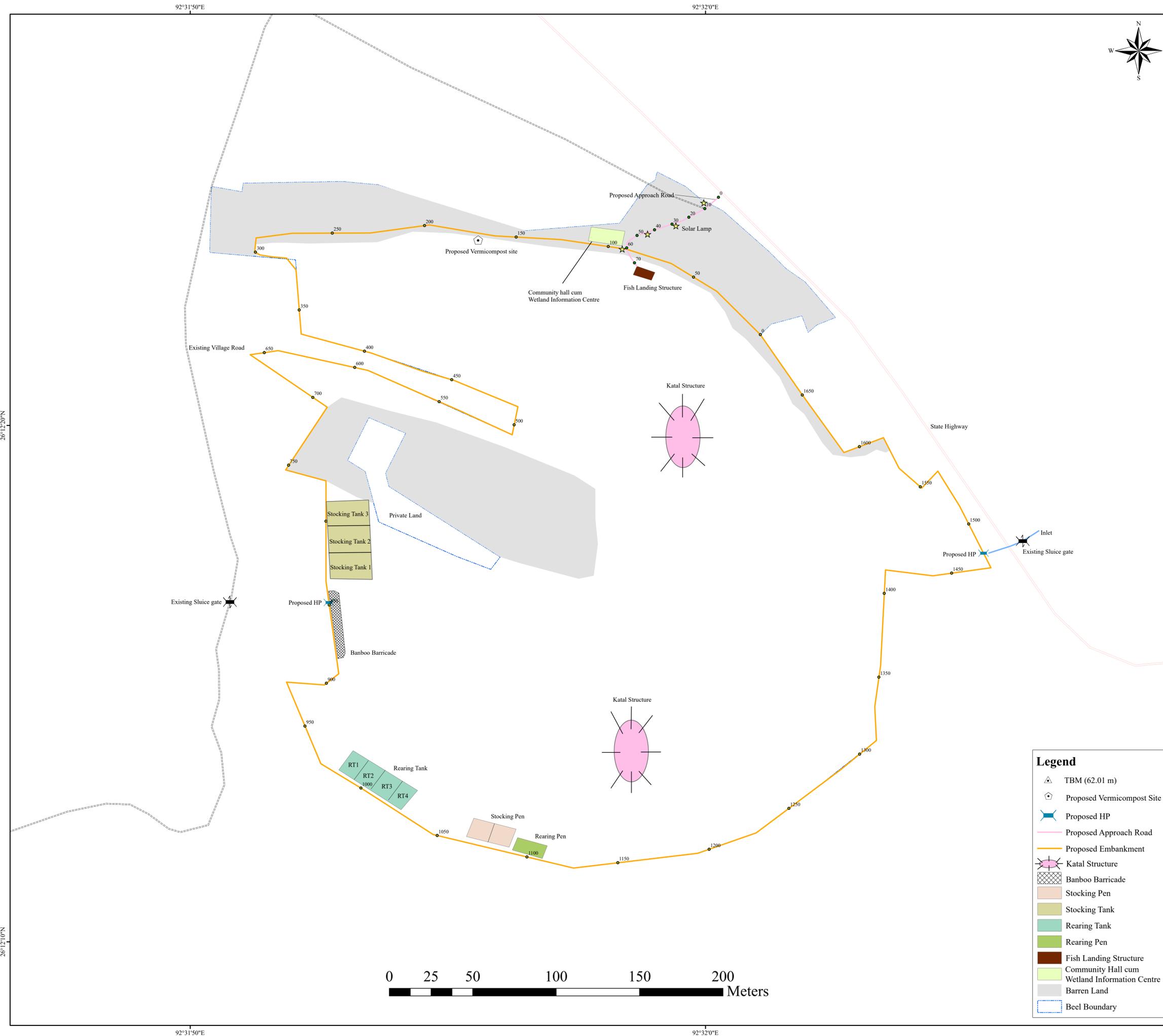
GENERAL NOTES

1. ALL DIMENSION ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

LEGEND

NO.	REV.	DATE	BY	CHKD.	APPV.

PROJECT	CLIENT
SWIFT DPR	ARIAS
DRAWING TITLE	
PEN CULTURE	
SUMATO GLOBAL TECH PVT LTD	AVATAR COMPLEX, RAJAJANATHALAS, DISPUR, GUWAHATI, ASSAM
Architects & Consultant	



PROPOSED INTERVENTIONS

Sl	Interventions / Items	Qty
1	De-Weeding	15500 Sqm
2	De-Silting	63487.36 Cum
3	Peripheral Bund	1693 meter
4	H P Laying – 600 φ	2 nos
5	Approach Road a. Earth work filling b. GSB c. WBM d. ICBP	73 meter 1187.53 Cum 43.8 Cum 20.53 Cum 273.75 Sqm
6	Rearing Tank – 0.15 ha each	4 nos
7	Stocking Tank – 0.40 ha each	3 nos
8	Pen Culture Rearing Pen – 0.20 ha each Stocking Pen - 0.40 ha each	1 nos 2 nos
9	Katal/Jeng - 0.2 ha each	2 nos
10	Bamboo Barricade	30 m
11	Community Hall cum Wetland Information Centre	202.09 Sqm PA
12	Fish Landing Structure	66.93 Sqm PA
13	Solar Lamp	7 units
14	Information Board	2 nos

FUTURE PROVISION : (From other components)

1.	Vermicomposting unit
2.	Landscaping and plantation
3.	Eco-tourism development
4.	Furniture for community hall cum Wetland Information Centre
5.	Craft & Gear

Name of Beel: Na-Kalong Beel

Development Block : Roha

Revenue Village : Baruabali

District : Nagaon

Lat/Long-26.206918, 92.530661

Beel Area : 10.36 ha

Project Title: Sustainable Wetlands and Integrated Fisheries Transformation (SWIFT)

Client Detail: ARIAS Society 
Asian Rural Infrastructure and Agricultural Services Society

Consultant Details : Sumato Globaltech Private Limited

Title: MASTER PLAN LAYOUT OF NA-KALONG BEEL

Date	Checked By	Submitted to	Recommended by	Approved by



92°31'50"E

92°32'0"E

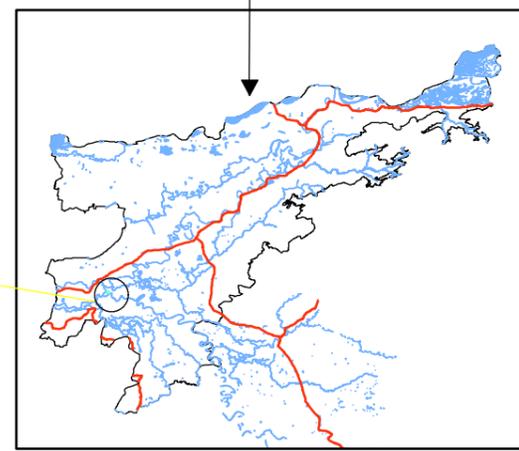
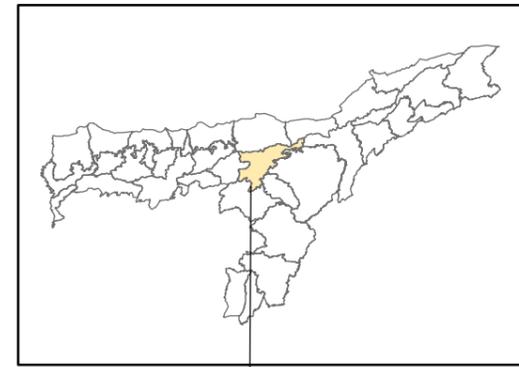
92°32'10"E

26°12'30"N

26°12'30"N



DRONE IMAGE OF NA KOLONG BEEL, NAGAON



26°12'20"N

26°12'20"N

26°12'10"N

26°12'10"N



92°31'50"E

92°32'0"E

92°32'10"E

Legend

Lat- 26.206918
 Long- 92.530661
 Lat-26.203549
 Long-92.534872

 Beel Boundary (10.36 ha)75

WEED INFESTED MAP OF NA-KOLONG BEEL, NAGAON

SHOWING WEED TYPE AND AREA COVER

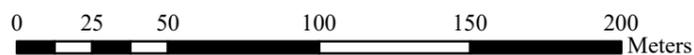
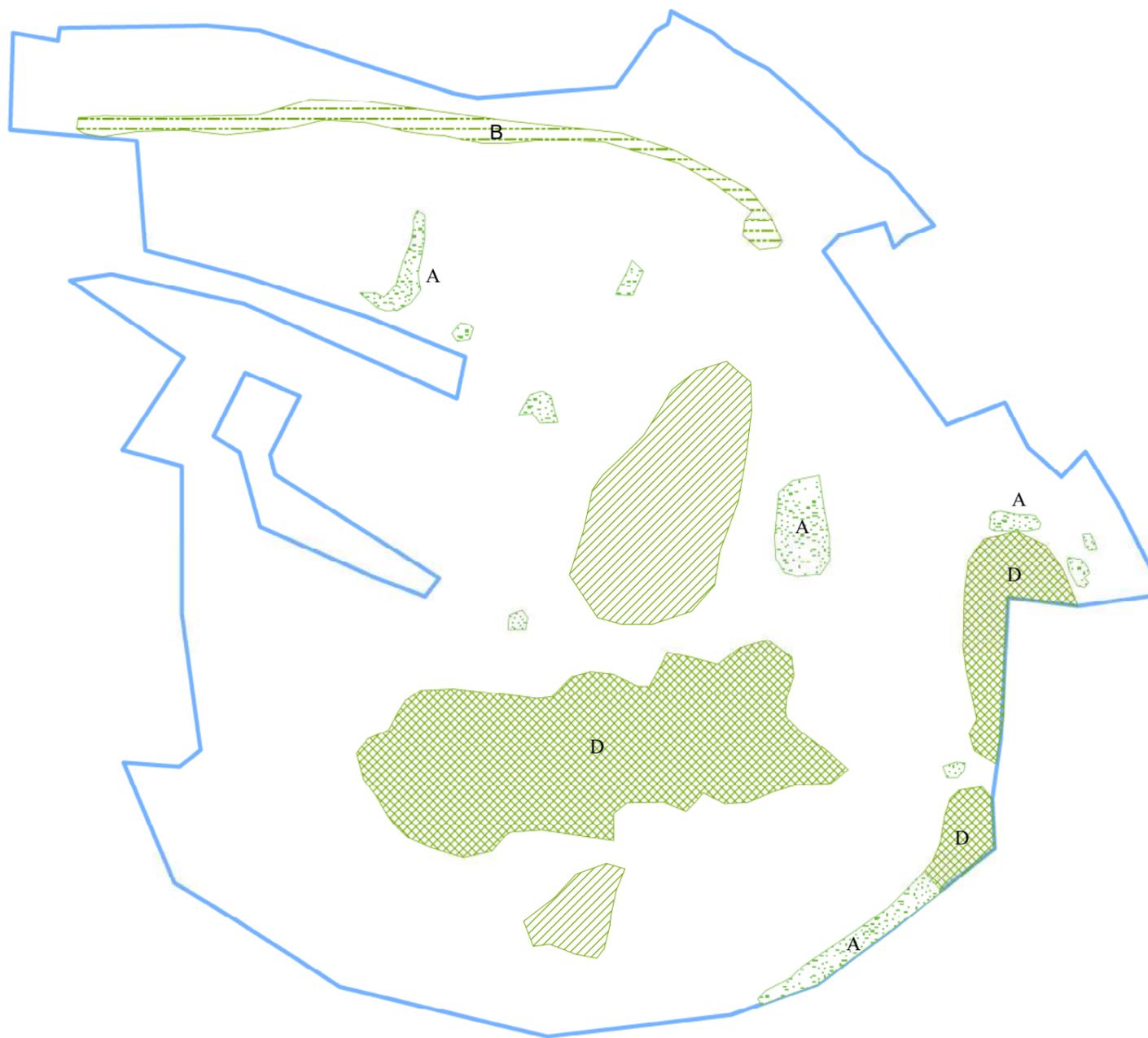


Table- This map shows the which weed comes under what category and area cover with percentage

Weed Category	Type	Area in sqm	%
A	Thin and floating water hyacinths and other aquatic weeds etc.	775	5
B	Thick and floating water hyacinths and other aquatic weeds etc.	775	5
C	Thick and floating Taranies, Dalanies, Pitannies and other marginal aquatic weeds etc. upto a depth of 50 cm	6200	40
D	Medium and floating Taranies, Dalanies, Pitannies and other marginal aquatic weeds etc. upto a depth of 50 cm to 80 cm	7750	50

Legend

- Beel Boundary (10.36)
- Weed Category**
- Category A 0.0775 ha
- Category B 0.077 ha
- Category C 0.62 ha
- Category D 0.77 ha **176**

92°31'50"E

92°32'0"E

92°32'10"E

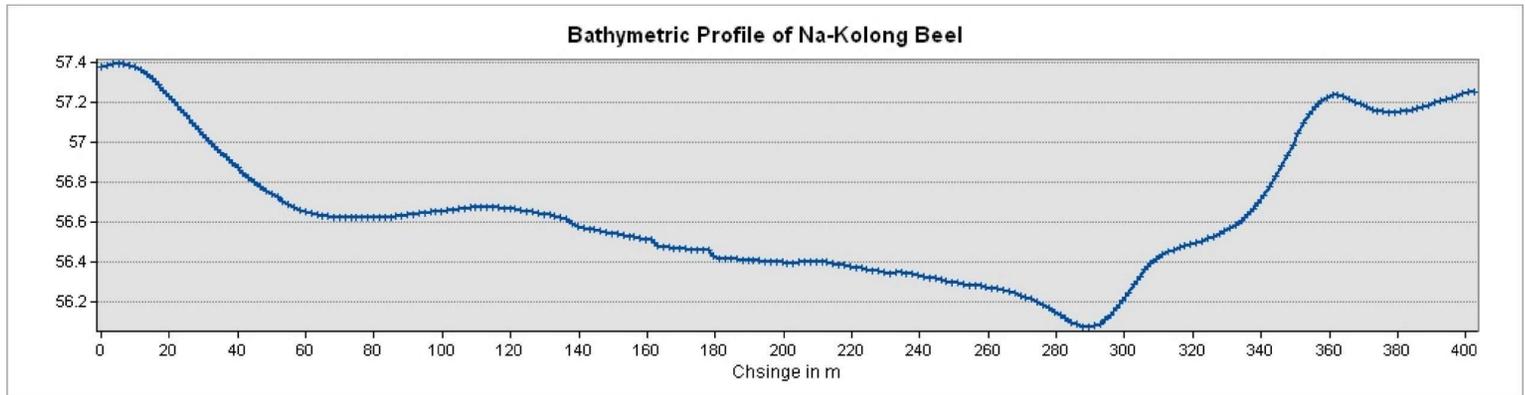
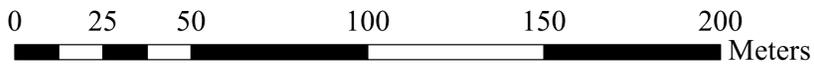
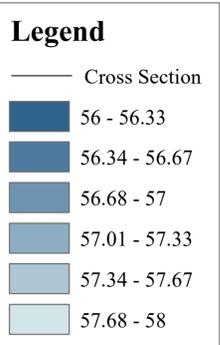
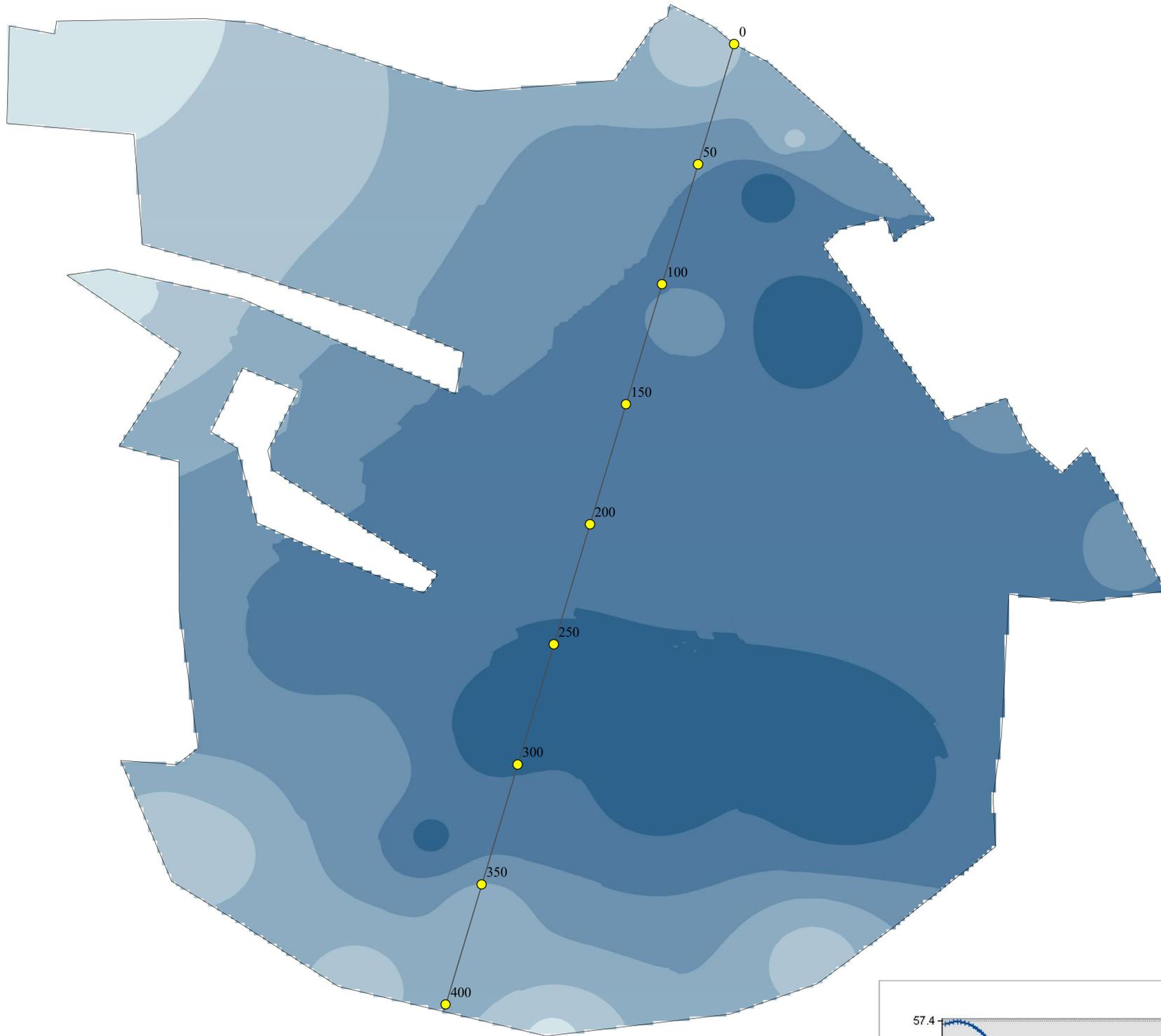
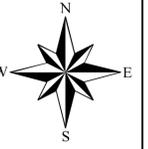
26°12'20"N

26°12'20"N

26°12'10"N

26°12'10"N

BATHYMETRIC MAP & BATHYMETRIC PROFILE OF NA-KOLONG BEEL, NAGAON

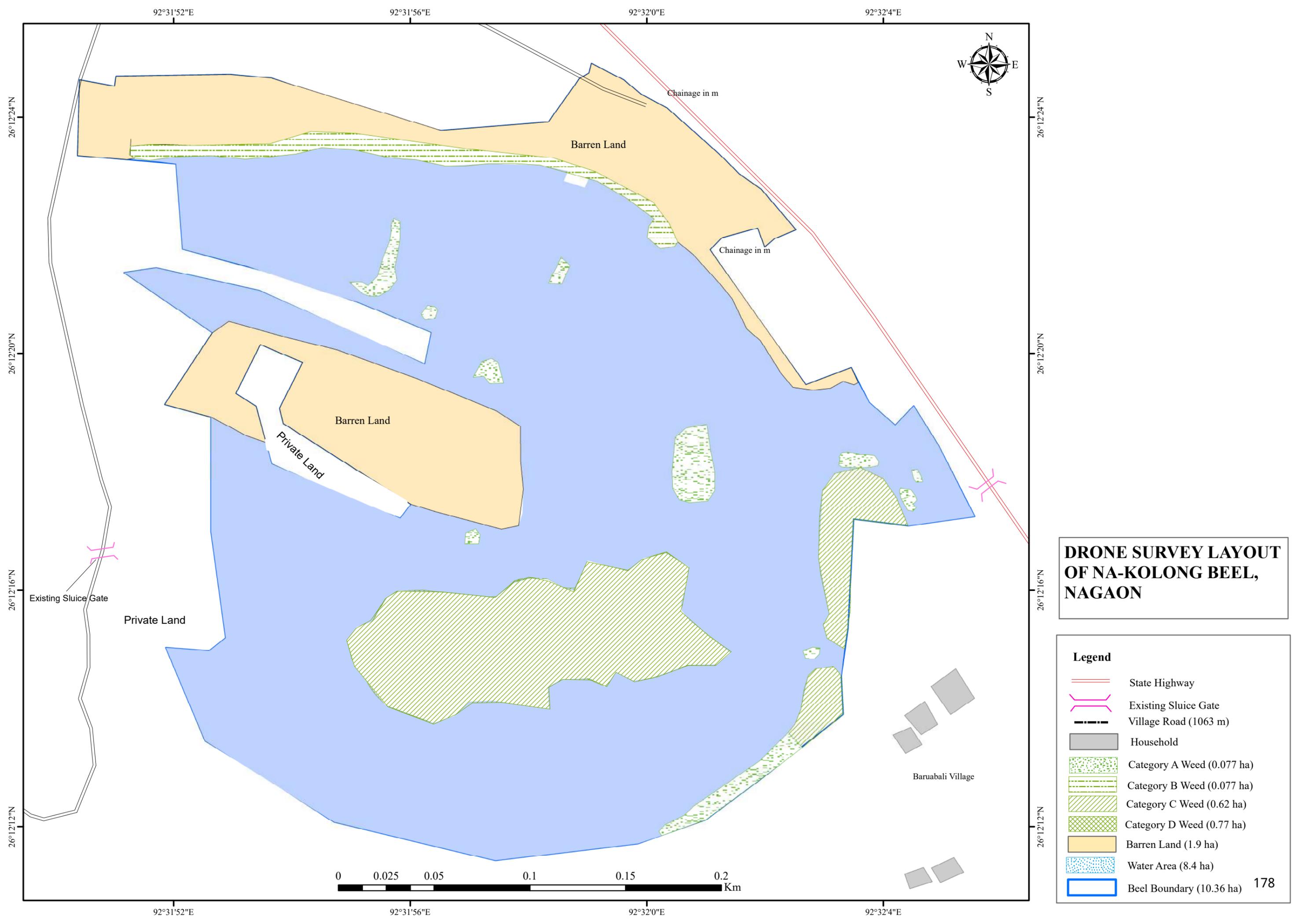


92°31'50"E
26°12'20"N
26°12'10"N
26°12'10"N

92°32'0"E
92°32'0"E

92°32'10"E
92°32'10"E

26°12'20"N
26°12'10"N



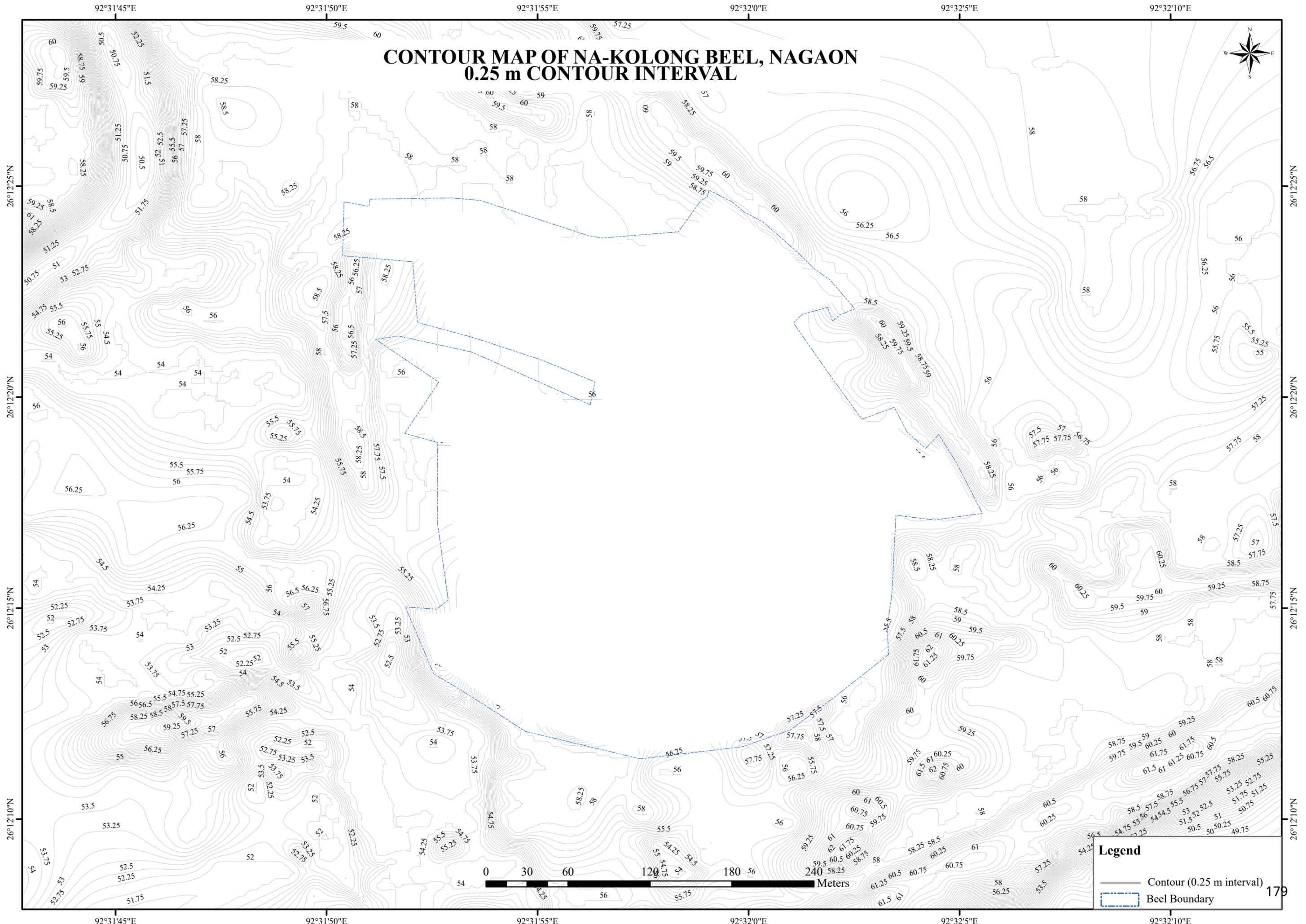
DRONE SURVEY LAYOUT OF NA-KOLONG BEEL, NAGAON

Legend

- State Highway
- Existing Sluice Gate
- Village Road (1063 m)
- Household
- Category A Weed (0.077 ha)
- Category B Weed (0.077 ha)
- Category C Weed (0.62 ha)
- Category D Weed (0.77 ha)
- Barren Land (1.9 ha)
- Water Area (8.4 ha)
- Beel Boundary (10.36 ha)

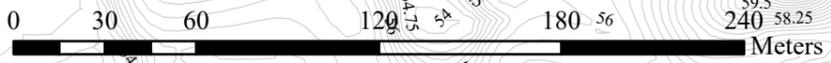
CONTOUR MAP OF NA-KOLONG BEEL, NAGAON

0.25 m CONTOUR INTERVAL



Legend

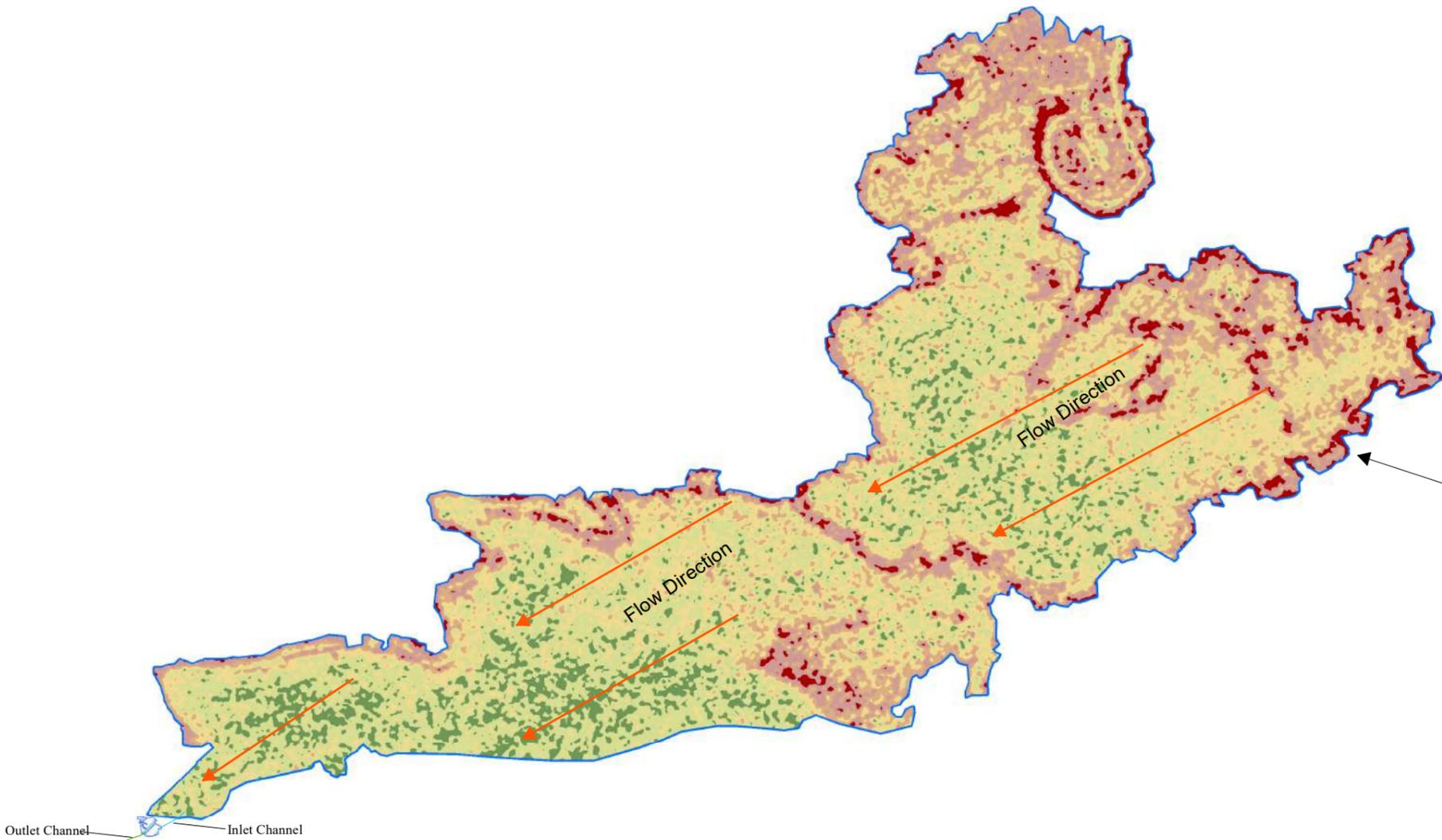
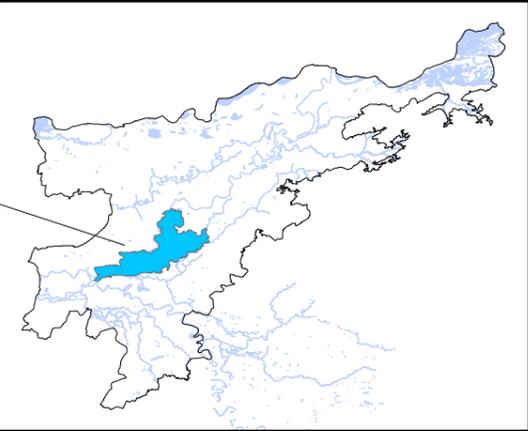
- Contour (0.25 m interval)
- Beel Boundary



CATCHMENT AREA MAP OF NA-KOLONG BEEL, NAGAON

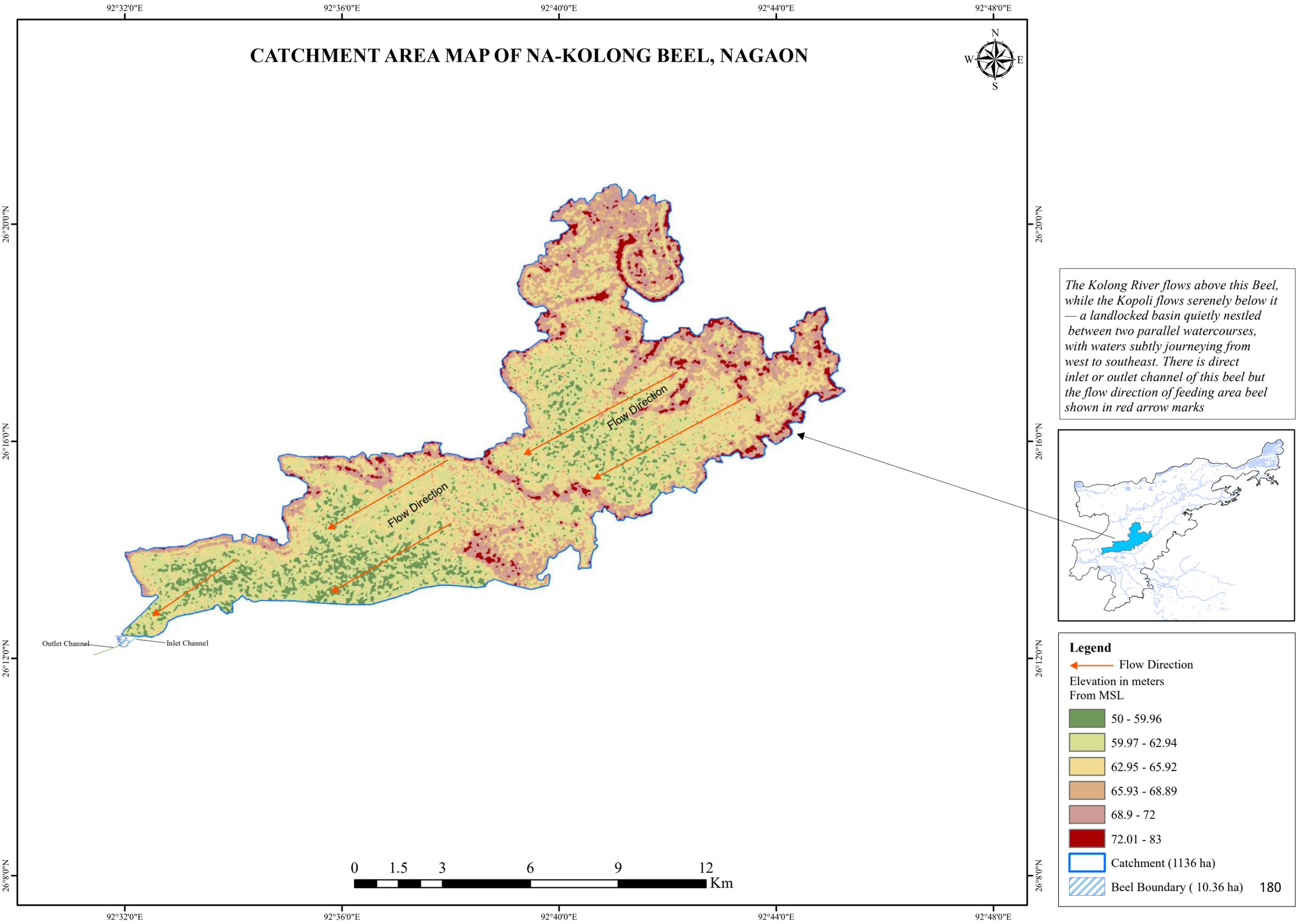
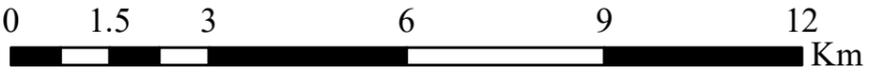


The Kolong River flows above this Beel, while the Kopoli flows serenely below it — a landlocked basin quietly nestled between two parallel watercourses, with waters subtly journeying from west to southeast. There is direct inlet or outlet channel of this beel but the flow direction of feeding area beel shown in red arrow marks



Legend

- Flow Direction
- Elevation in meters From MSL
- 50 - 59.96
- 59.97 - 62.94
- 62.95 - 65.92
- 65.93 - 68.89
- 68.9 - 72
- 72.01 - 83
- Catchment (1136 ha)
- Beel Boundary (10.36 ha) 180



GEOREFERENCE MAP OF NA KOLONG BEEL, NAGAON

92.529

92.532

92.535

92.538

26.208

26.205

26.202

26.208

26.205

26.202

মহানগরী
ও শাসন
কেন্দ্র
কাজ
১৯৬০-৬১
১৯৭৭-৭৮



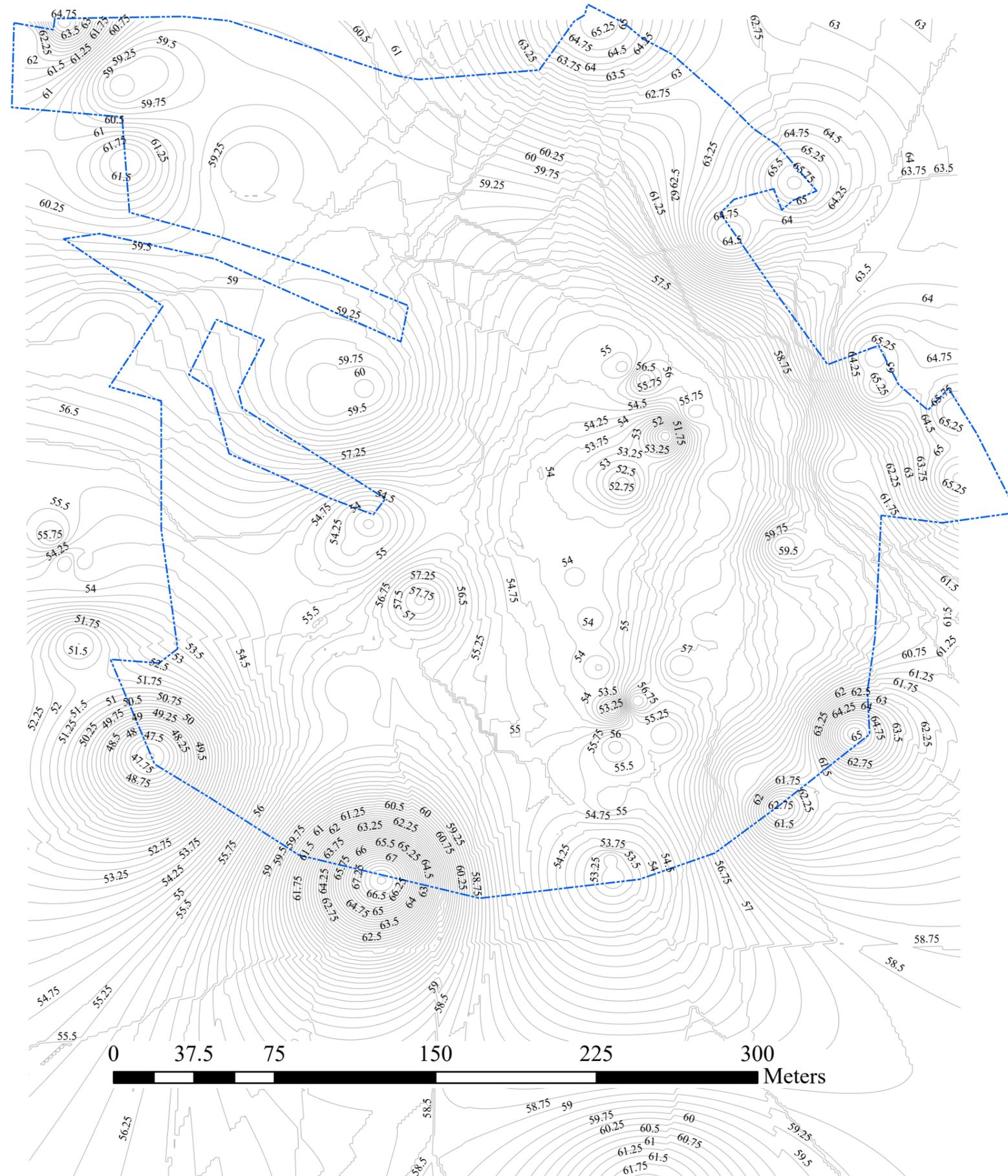
92.529

92.532

92.535

92.538

BATHYMETRIC CONTOUR MAP OF NA-KOLONG BEEL, NAGAON

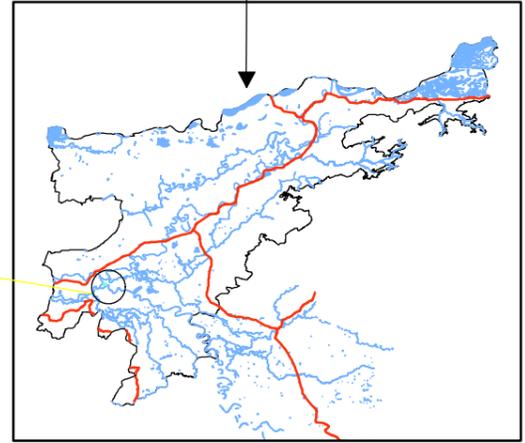
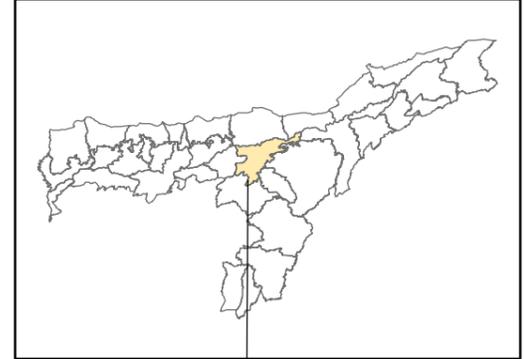


Legend

- Bathy Contour
- - - Beel Boundary



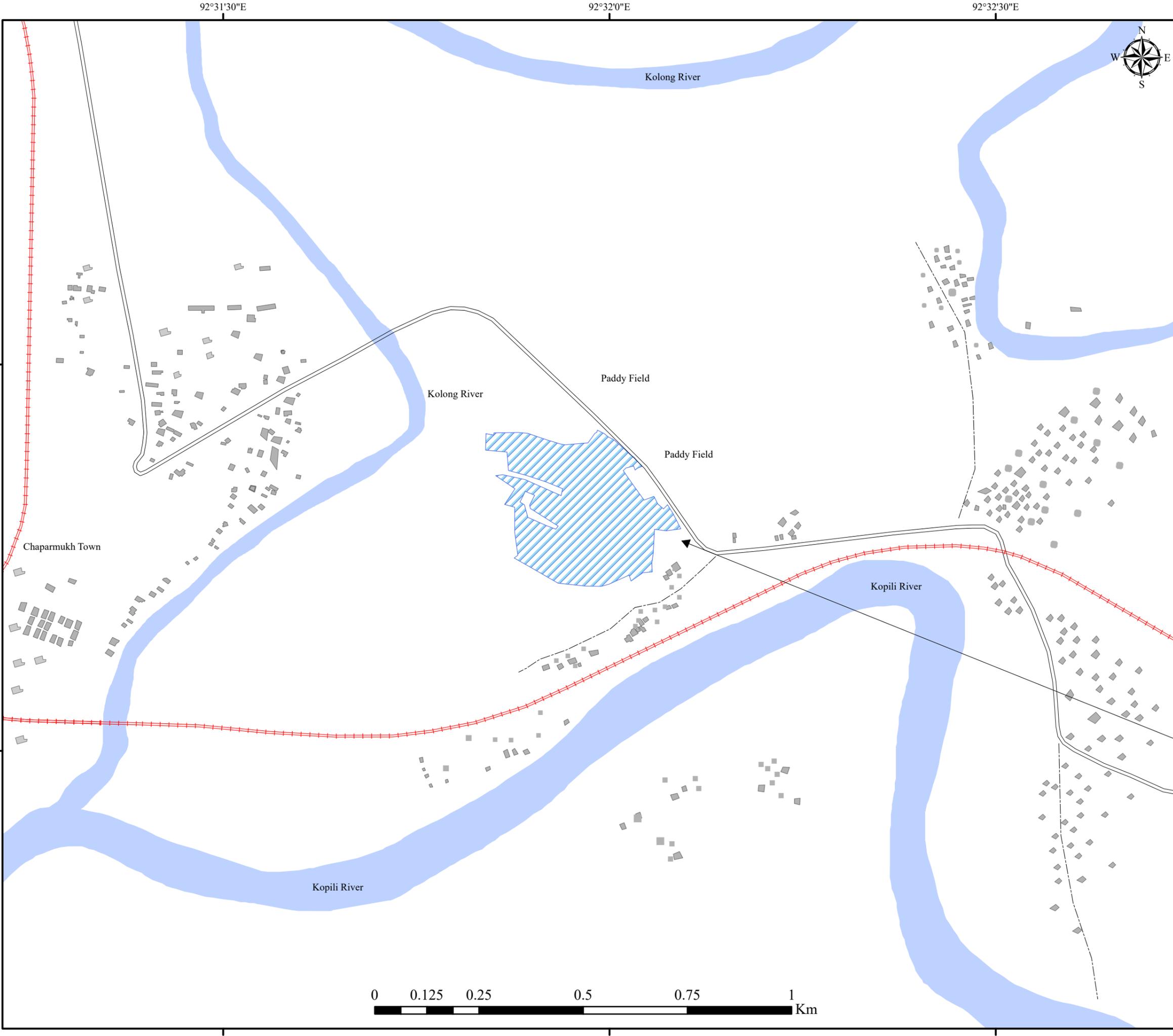
**LOCATIONAL MAP OF
NA KOLONG BEEL,
NAGAON**



Legend

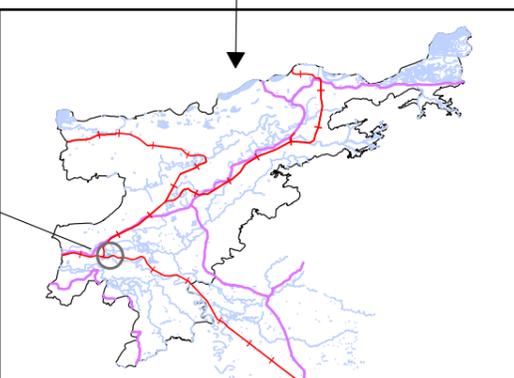
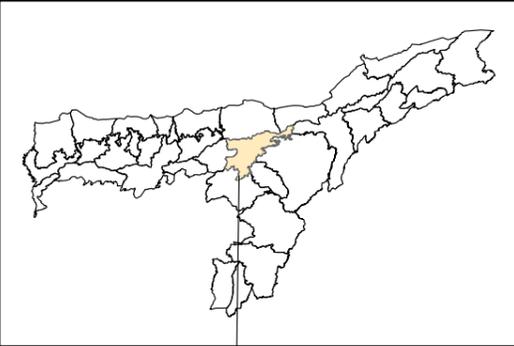
Lat- 26.206918
Long- 92.530661
Lat-26.203549
Long-92.534872

 Beel Boundary (10.36 ha)



**HOUSEHOLD BENEFICIARY
MAP OF NA-KOLONG BEEL,
NAGAON**

This map shows Na-Kolong Beel and all surrounding households, illustrating 28 directly dependent neighbouring families, while approximately 600-700 indirectly benefiting neighbouring households whose livelihoods closely linked to the Beel.



Legend

- Village Road
- State Highway
- +++++ Railway
- Household
- River
- ▨ Beel Boundary (10.36 ha)

184

