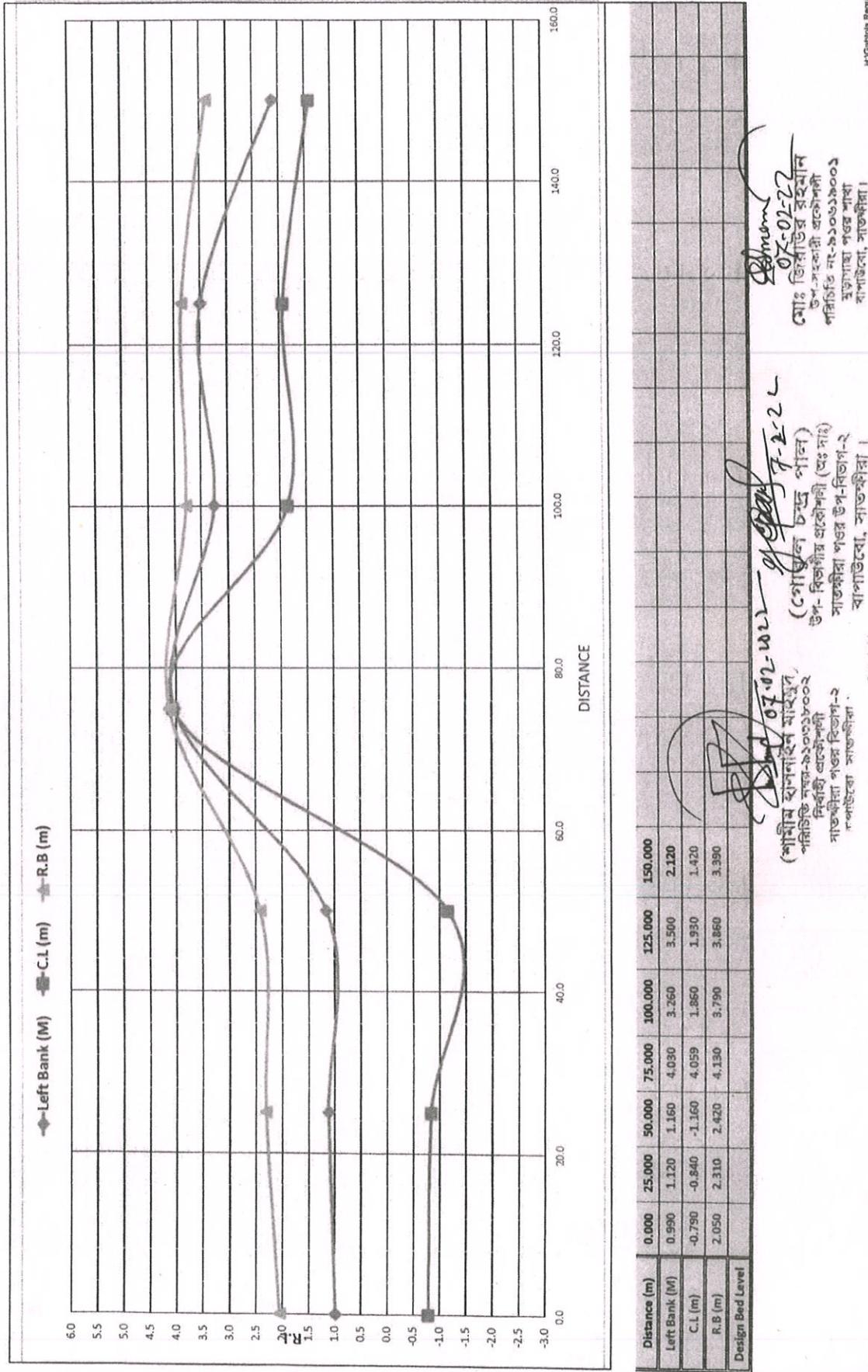
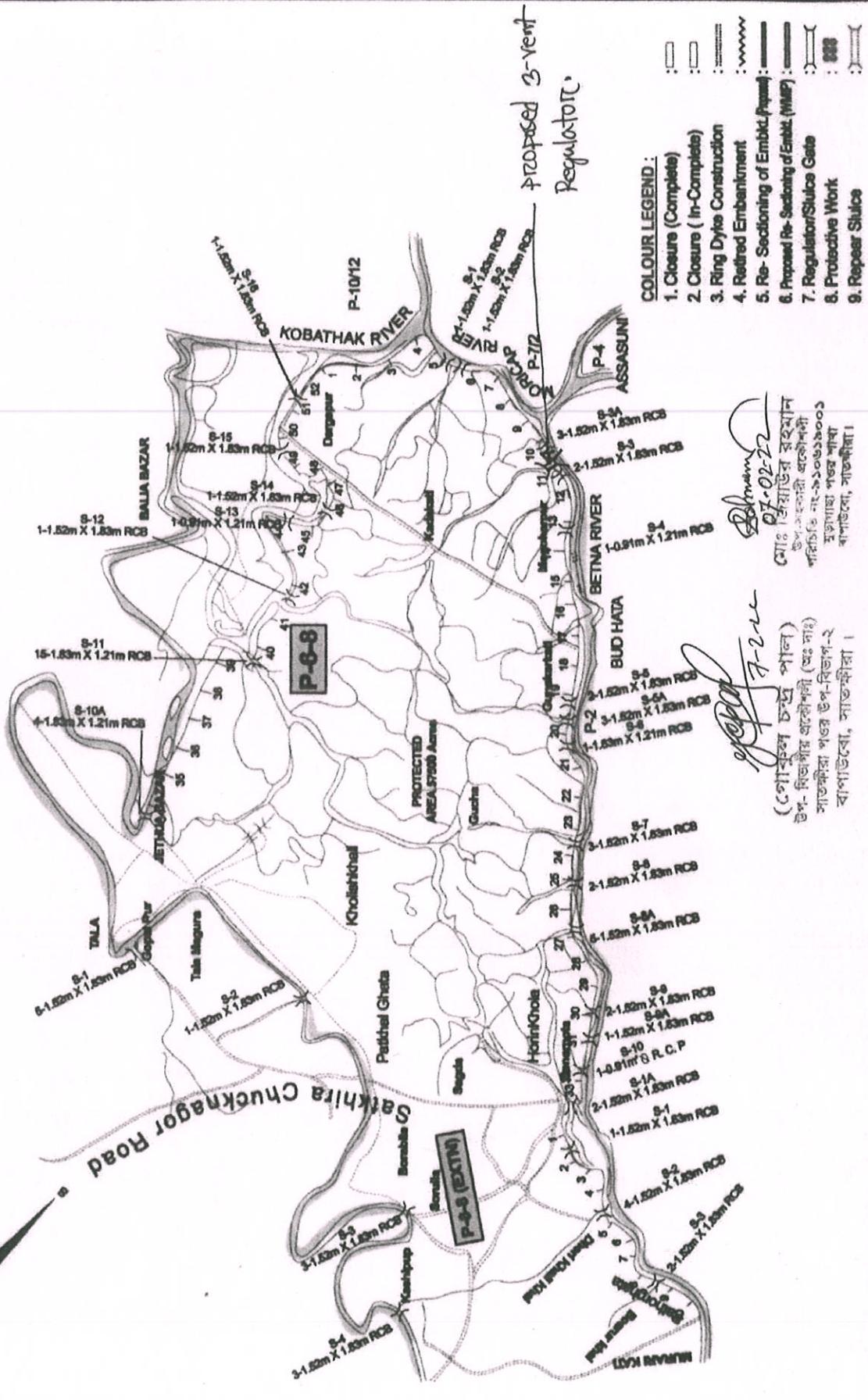


Long Section For 3-Vent (1.50m x 1.80m) Drainage Cum Flushing Regulator (DS-3A) On Khejurdangi Branch Khal at Km. 11.00 in Polder No. 6-8 in c/w " Drainage Improvement of Polder No. 1, 2, 6-8 & 6-8 (Ext) in Satkhira District Under Satkhira O&M Division-2, BWDB, Satkhira.(Package No: W-Sat-2/10).



INDEX MAP OF POLDER NO:- 6-8 & 6-8 (Extn)

**BANGLADESH WATER DEVELOPMENT BOARD,
SATKHIRA & M DIVISION - 2**



Untitled Map

Write a description for your map



মোঃ জিয়াউর রহমান
ফুল সরকারী প্রাথমিক
পরিচালিত নং-১১০৭১৯০০২
মুসলিম পৰগনা পারা
গাঁথনা পুরসভা।

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GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH

BANGLADESH WATER DEVELOPMENT BOARD

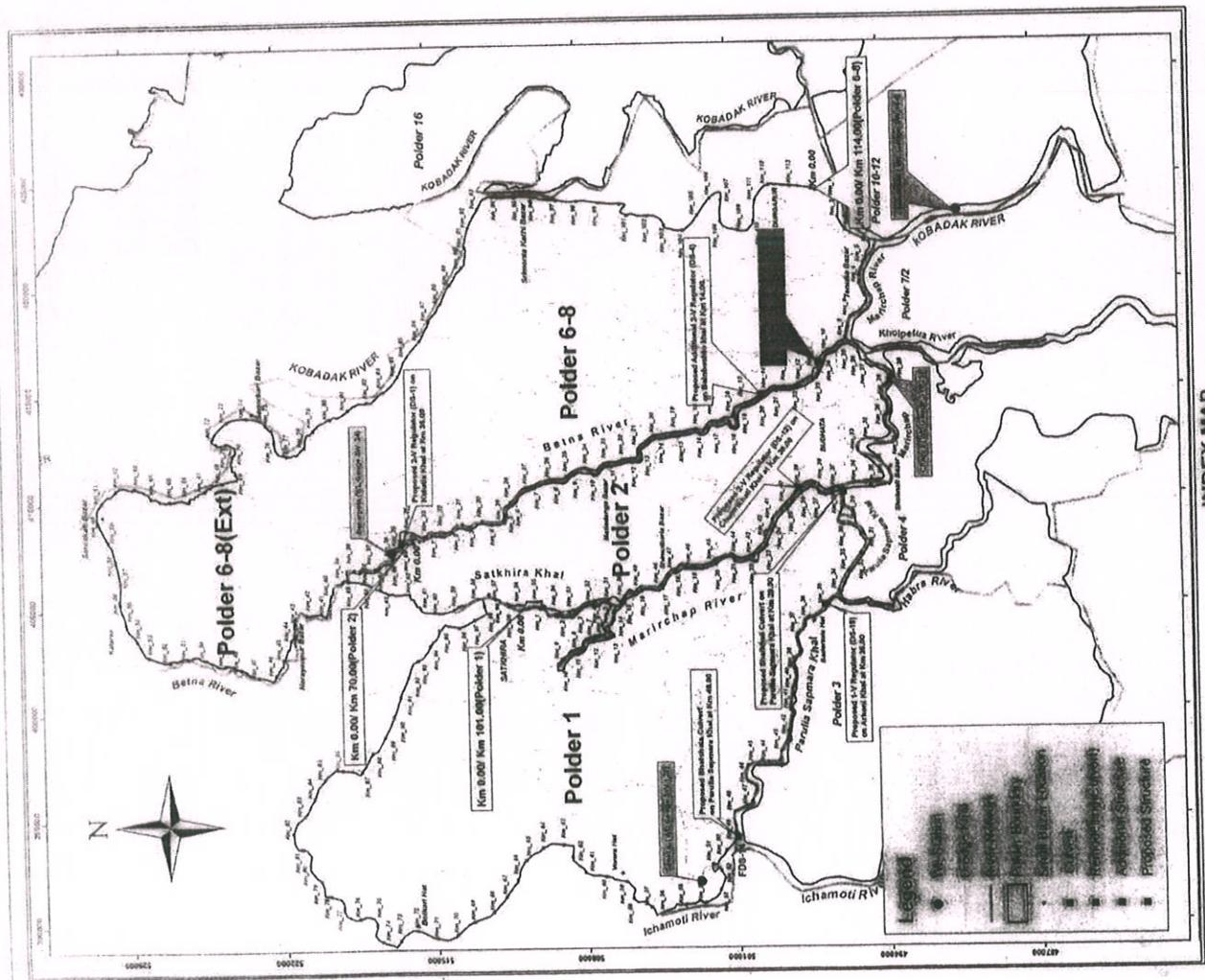


DRAINAGE IMPROVEMENT OF POLDER 1, 2, 6-8, 6-8(Ext.) BY MATHEMATICAL MODELLING UNDER
SATKHIRA DISTRICT

DESIGN OF 3-VENT (1.50mX1.80m) DRAINAGE CUM FLUSHING REGULATOR
(DS-3) ON KHAJURDANGI KHAL AT Km11.00 IN POLDER 6-8

SATKHIRA O & M DIVISION-2, BWDB, SATKHIRA.

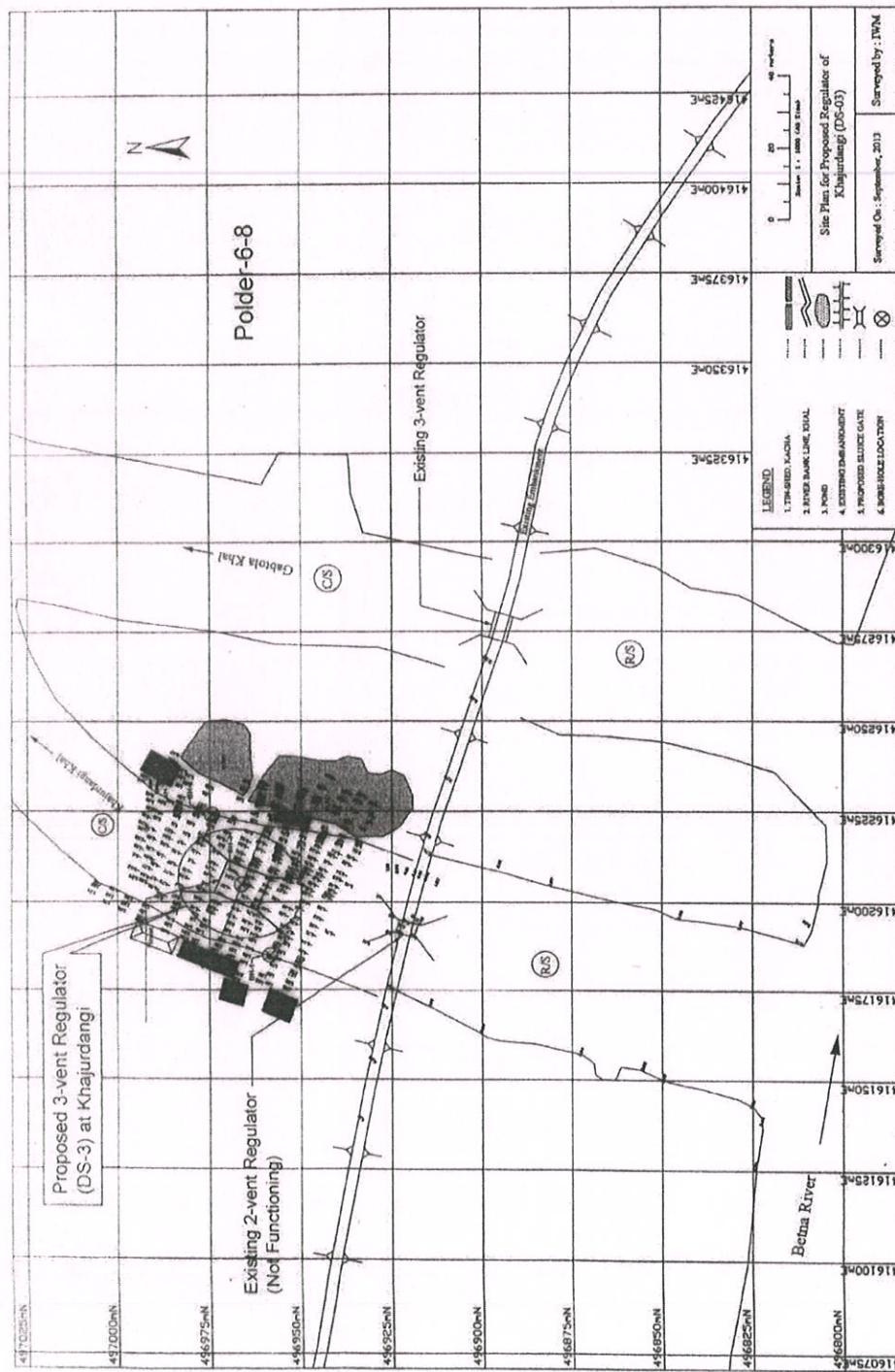
NOVEMBER, 2013



INDEX MAP

BANGLADESH WATER DEVELOPMENT BOARD	
DESIGN CIRCLE - V	APPROVED BY:
CHIEFED BY:	S. M. Md. Sharif
Md. Kamruzzaman	Md. Md. Izzarul Islam Executive Engineer
GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH	
CONSULTANT : INSTITUTE OF WATER MODELLING (IWM)	
DRAINAGE IMPROVEMENT OF POLDERS 1-2-4 & 6-8 BY MECHANICAL WORKING UNDER SUBCONTRACT	
SATKHINA, O & W DIVISION 2, BURDWA, SURINABRA,	
DESIGN OF 3-VENT (1.50mX1.80m) DRAINAGE GUM FURNISHING REGULATOR (DS-3) ON KHA-JURBANG KHAL AT Km 11.00 IN POLDER 6-8	
DWG NO. 3W/W (P-4-8) SAT-2 DS-3 PAGE: 01/16	

INDEX MAP	CHECKED BY:
A. M. M. S.	J. M.
ZAHIRUL HAQUE KHAN	
M.A.H. KHAN	
ARZEL H. KHAN	
DESIGN ENGINEER	
TEAM LEADER:	
DWG NO. 3W/W (P-4-8) SAT-2 DS-3	PAGE: 01/16



SITE PLAN

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
CONSULTANT: INSTITUTE OF WATER MODELLING (IWM)
DRYLAND IMPROVEMENT OF POLDER 6-8-9-10-11-12-13 BY MATHEMATICAL MODELING UNDER SATKHURA DISTRICT
SATKHURA, O & M DIVISION-2, BANDI, SATKHURA.
DESIGN OF 3-VENT (1.50mX1.80m) DRAINAGE CUM FLUSHING REGULATOR
(DS-3) ON KHAJURDANGI KHAL AT Km11.00 IN POLDER 6-8

SITE PLAN

DESIGNER IN:	RECOMMENDED & SUBMITTED BY:
<i>Arifuzzaman</i>	<i>Aly</i>
APPROVED BY:	APPROVED BY:
<i>Md. Kudrat Ali</i>	<i>Zahir-ul Haque Khan</i>
Md. Kurnazzaman, Md. Mdaffauz Rahman Executive Engineer	M.A.H. BHUTIAN DESIGN ENGINEER TEAM LEADER
DATED: NOVEMBER, 2013	DWG NO.: IWM / (P-6-8) / SAT-2 / DS-03
	PAGE: 02/16

Expert Soil Engineers

BORE LOG (BH-01)
("Under S/Accn")

BORE LOG (BH-02)
(Under C/S Apron)

Expert Soil Engineers

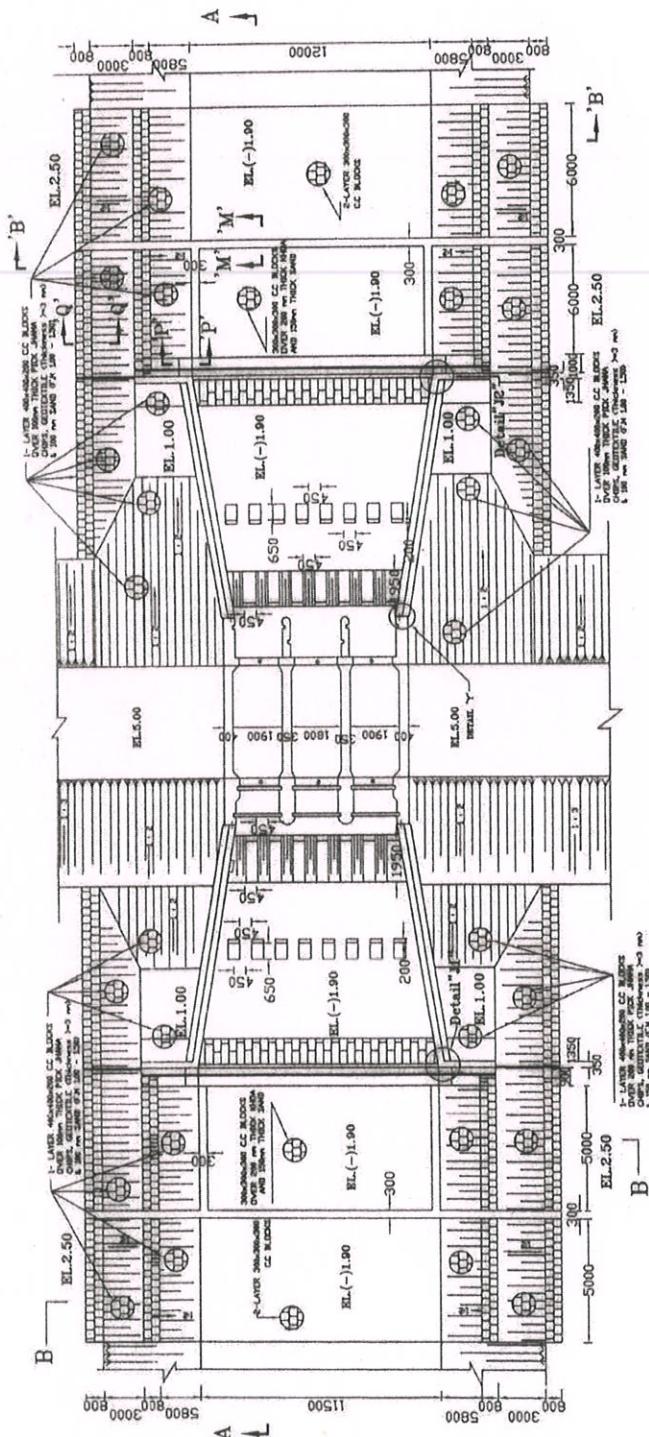
Project Details		Soil Test Results		Geological Column		Site Conditions		Site Plan & Layout	
Class.	Description	Test No.	Value	Layer No.	Thickness (m)	Soil Type	Soil Description	Area (sq.m.)	Perimeter (m.)
Class:	Institute of Water Technology (IIT)	Test Level:	1 : 500 m (PWD)	Project:	Residential Beach Front Residential Project at Sector-123-B, S. E. of IIT	Test Level:	1 : 250 m (PWD)	Ground water level:	125 m (PWD)
Location:	DPS-3 (Vivian), Gopalganj, Khulna City, Khulna, Bangladesh	Address:	Plot No. B-10, Sector-123, Institute of Water Technology, Sector-123, Vivian, DPS-3, Gopalganj, Khulna City, Khulna District	Date:	24/02/2013	Geological Column:	Geological Column	Geological Column:	Geological Column
Bore hole no.-B3									
Description of materials									
Thickness									
Depth Type									
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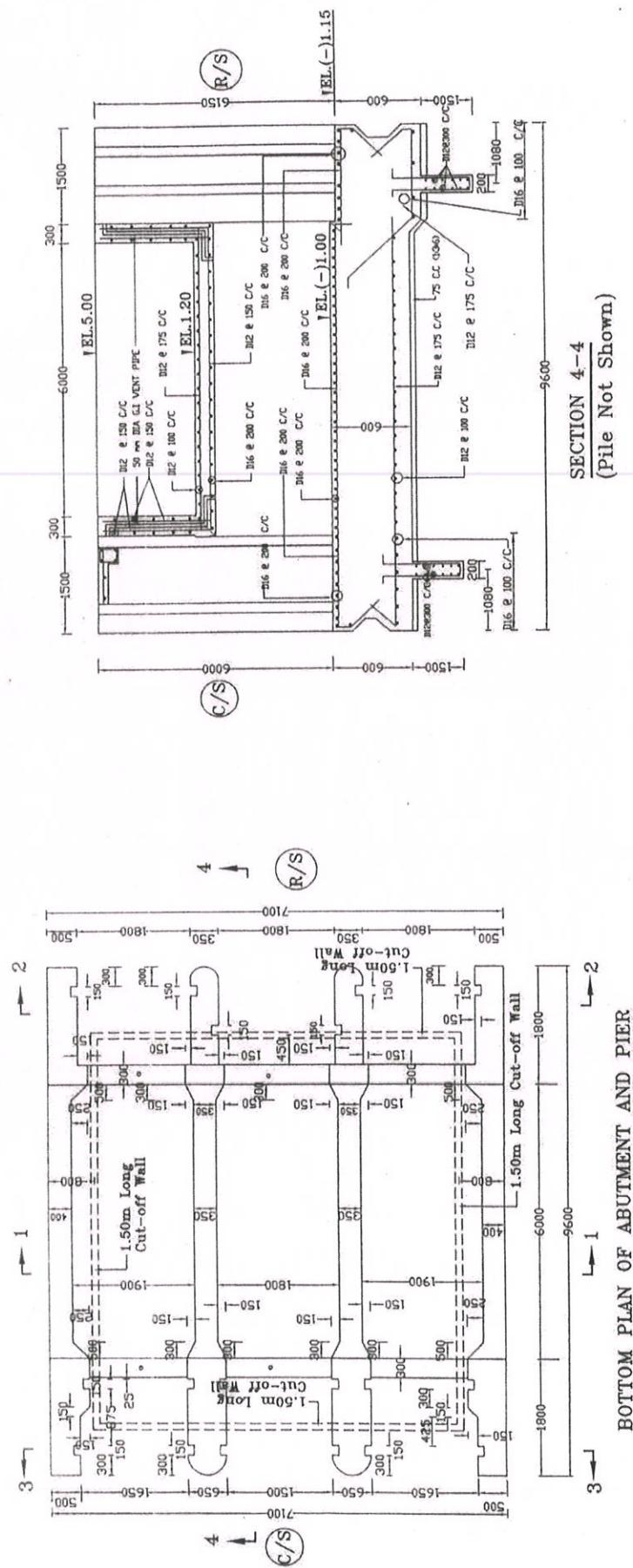
BORE LOG (BH-03)
(Under Barrel)

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
CONSULTANT : INSTITUTE OF WATER MODELLING (IWM)
DRAINAGE IMPROVEMENT PROJECT-1, 4.4 KM² BY MATHEMATICAL MODELING UNDER SATKHENA DISTRICT
SATKHENA, O & M DIVISION-2, BINBHD, SATKHENA.
DESIGN OF 3 EVENT (1.50mX1.80m) DRAINAGE CUM CLUSH FLOW REGULATOR
(DS-3) ON KHAJURDING KHAI AT Km11.00 IN POLDER 6-8

BANGLADESH WATER DEVELOPMENT BOARD	
DESIGN CIRCLE - V	APPROVED BY:
REVIEWED BY: 	APPROVED BY:
CHECKED BY: 	REVIEWED BY:
Md. Kazi Ali Assistant Engineer	Md. Md. Akbaruzzaman Executive Engineer

BANGLADESH WATER DEVELOPMENT BOARD	
DESIGN CIRCLE - V	APPROVED BY:
REVIEWED BY: 	APPROVED BY:
CHECKED BY: 	REVIEWED BY:
Md. Kazi Ali Assistant Engineer	Md. Md. Akbaruzzaman Executive Engineer



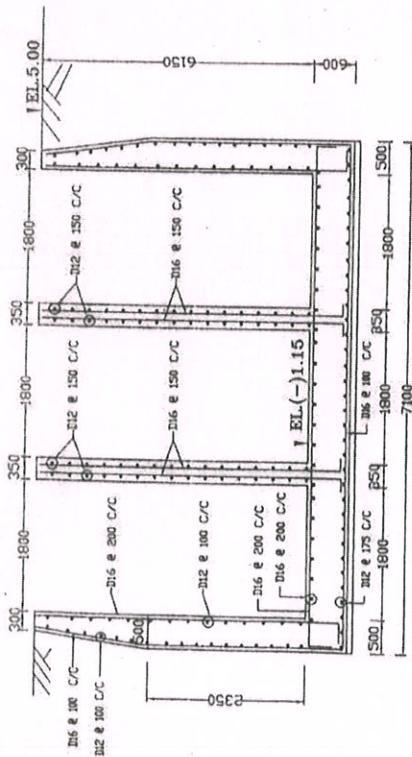


BOTTOM PLAN OF ABUTMENT AND PIER

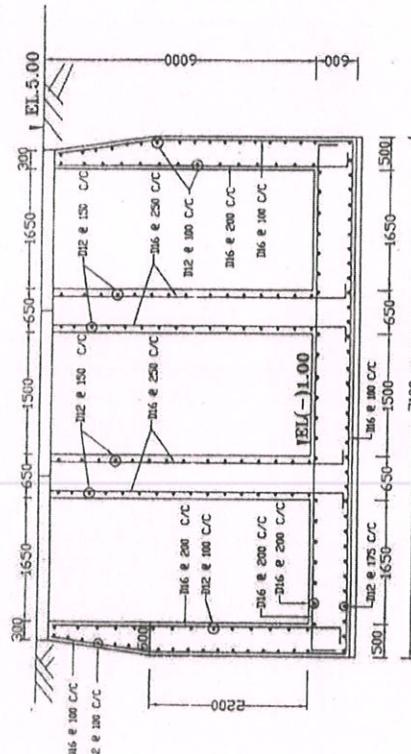
SECTION 4-4
(Pile Not Shown)

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH	
CONSULTANT : INSTITUTE OF WATER MODELLING (IWM)	
CHARGE IMPROVEMENT OF POLYOLEIN 1, 2 & 4 (40km) BY MATHURIA, MOULIJAH AND SATHKIRHA DISTRICT	
SATHKIRHA O & M DIVISION-2, BWDBB, SATKHIRHA.	
DESIGN OF 3-VENT (1.50mX130m) DRAINAGE CUM FLOOD REGULATOR (DS-3) ON KHAJURABDAG KHAI AT km11.00 IN POLDER 6-8	
REINF. DETAILS OF ABUTMENT & BARREL	
DESIGNER BY:	RECOMMENDED & SUBMITTED BY:
ARZEEL H. KHAN	M.D.A.J. HAQUE KHAN
DESIGN ENGINEER	DESIGN ENGINEER
DATED: NOVEMBER, 2013	DWG NO.: NWW-1 (P-6-8)
	1/AT-2 / DS-03
	PAGE: 06/16

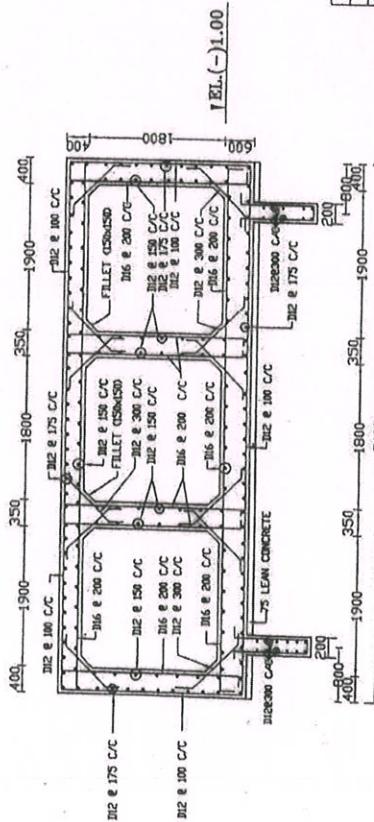
BANGLADESH WATER DEVELOPMENT BOARD	
DESIGN CIRCLE - V	
CHECKED BY:	REVIEWED BY:
Md. Kamrul Islam Associate Engineer	Md. Nahiduzzaman Executive Engineer
APPROVED BY:	
Md. Kader Ali Executive Engineer	
Date: 11/13	



SECTION 2-2
(Pile Not Shown)



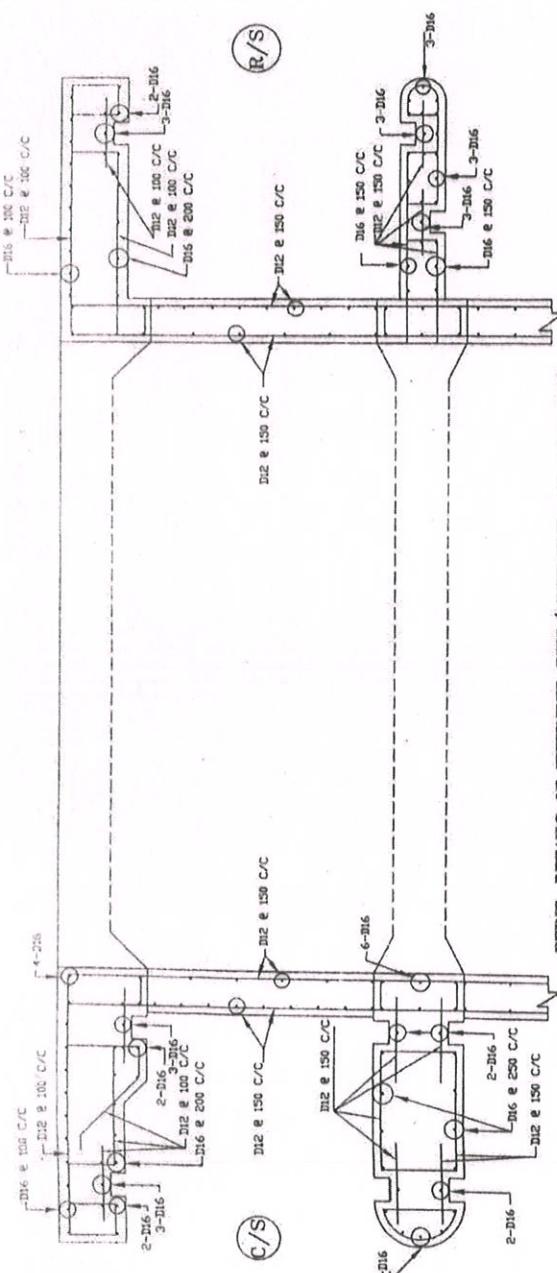
SECTION 3-3
(Pile Not Shown)



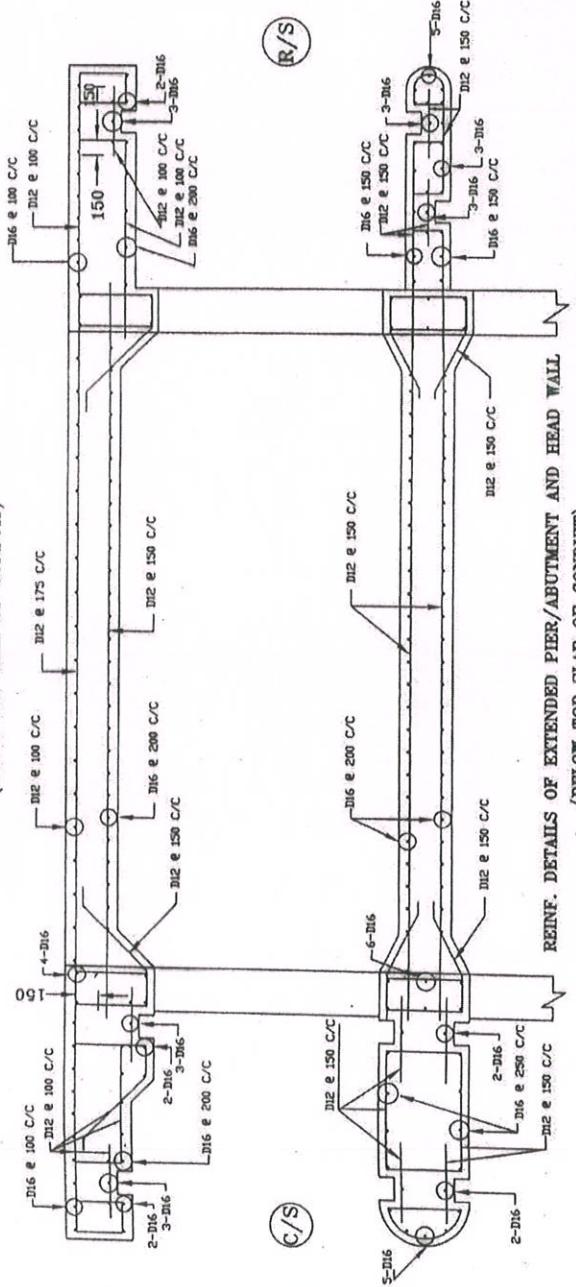
SECTION 1-1
(Pile Not Shown)

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH	
CONSULTANT : INSTITUTE OF WATER MODELLING (IWM)	
DRAINAGE IMPROVEMENT IN PODER-1, 2 & 4 PARISH BY MATHEMATICAL MODELING UNDER SATKHINA DISTRICT	
SATKHINA O & M DIVISION 2, BODLAHAT, SATKHINA	
DESIGN OF 3-VENT (4.5m x 2m) DRAINAGE CUN FLUSHING REGULATOR (DS-3) ON KHAJURANGI KHAL AT Km1+00 IN PODER-6&8	
REINF. DETAILS OF ABUTMENT & BARREL	
DESIGNED BY:	<u>ARZEL H. KHAN</u>
checked by:	<u>M.A.H. BIRDYAN</u>
INFORMED & SUBMITTED BY:	<u>ZABIRUL HAQUE KHAN</u>
DATE:	20 NOVEMBER, 2013
DESIGN ENGINEER:	IWMC MD. (D-2-91) / SAT-2 (D-2-91)
DESIGNER:	TEAM LEADER
DATED: NOVEMBER, 2013	DAECS-ATMC

BANGLADESH WATER DEVELOPMENT BOARD		DESIGN CIRCLE - V	APPROVED BY:
REVIEWED BY:		Md. Mahinur Rahman Executive Engineer	
CHECKED BY:		Md. K. Sarker Assistant Engineer	



**REINFORCED CONCRETE DETAILS OF EXTENDED PIER/ABUTMENT AND HEAD WALL
(ABOVE TOP SLAB OF CONDUIT)**



**REINF. DETAILS OF EXTENDED PIER/ABUTMENT AND
(BELOW TOP SLAB OF CONDUIT)**

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
CONSULTANT : INSTITUTE OF WATER MODELLING (IWM)

MANHOLE IMPROVEMENT OF POLDER 1, 2 & 4 (44.44 HECTARE) IN KATHIRKAL, KODIYALUR UNTIL TATHA DISTRICT

SATHIKA N. V. & BUNIYI, CUM SATHIKA, SATHIKA.

DESIGN OF 3-UNIT (1.50MMX1.80M) DRAINAGE CUM FLUSHING & REGULATOR (DS-3) ON KHA/AURANGI KHAL AT KM+1.00 IN POLDER 6-3

KENI: DE JALES UI ABUIMENI

DRAWN ON CIRCLE - V		CHANGED BY:	RECOM. APPROVED & SUBMITTED BY:
CHECKED BY:	REVIEWED BY:	APPROVED BY:	
			
Md. Kamruzzaman Aviation Engineer	Md. Md. Rakman Executive Engineer	Md. Kudrat Ali Engineering Registrar	
		DATE: NOVEMBER - 2013	DWG NO.:INM/I (P-4-6) / SAT-2 / DS-03
		DESIGN ENGINEER:	TEAM LEADER:
		Md. Md. Rakman	ZAHIR-U-L HAQUE KHAN
		ARZEE H. KHAN	
		DESIGN ENGINEER:	
			PAGE: 00/16

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BANGLADESH WATER DEVELOPMENT BOARD



Design Data

For

Construction of 3-Vent (1.50m x 1.80m) Drainage Cum Flushing Regulator (DS-3A) On Khejurdangi Branch Khal at Km. 11.00 in Polder No. 6-8 in c/w " Drainage Improvement of Polder No. 1, 2, 6-8 & 6-8 (Ext) in Satkhira District Under Satkhira O&M Division-2, BWDB, Satkhira.(Package No: W-Sat-2/10).

SE-831,

09/02/2022

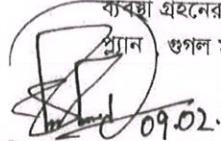
- Name of Division : Satkhira O&M Division-2, BWDB, Satkhira.
Name of Circle : Khulna O&M Circle, BWDB, Khulna.
Name of Zone : South-Western Zone, BWDB, Khulna.

কারিগরী প্রতিবেদন

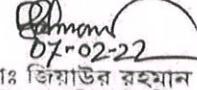
- ১। প্রকল্পের নাম : ৪। সাতক্ষীরা জেলার পোক্তার নং ১,২,৬-৮ এবং ৬-৮ (এক্সটেনশন) এর নিকাশন ব্যবস্থার উন্নয়ন প্রকল্প।
- ২। প্রকল্পটি অনুমোদিত/অন-অনুমোদিত : ৫। অনুমোদিত প্রকল্প।
- ৩। কাজটি এডিপিভুক্ত/অনুময়ন রাজৰ : ৬। এডিপি ভুক্ত।
- ৪। কাজের অর্থ বরাদ্দ আছে কি না : ৭। বরাদ্দ পাওয়া যাবে।।
- ৫। কাজের অবস্থান : ৮। উপজেলাঃ আশানুনি।
- ৬। কাজের নাম : ৯। সাতক্ষীরা পওর বিভাগ-২, বাপাটুবো, সাতক্ষীরার আওতায় "সাতক্ষীরা জেলার পোক্তার নং-১, ২, ৬-৮ এবং ৬-৮ (এক্সটেনশন) এর নিকাশন ব্যবস্থার উন্নয়ন" শীর্ষক প্রকল্পের অধীন এর পোক্তার নং ৬-৮ এর কিটিমিঃ ১১.০০ অংশে খেজুরডাঙ্গি শাখা খালের উপর ডি এস-৩ এর ছলে ৩-Vent(1.50m x 1.80m) Drainage Cum Flasing Regulator পুনঃসাধন।
- ৭। কাজের প্রয়োজনীয়তা : ১০। প্রস্তাবিত প্রকল্প এলাকা বাংলাদেশের দক্ষিণ-পশ্চিমাঞ্চলের উপকূলীয় এলাকায় অবস্থিত। উজান হতে পর্যাপ্ত পানির প্রবাহ হ্রাস পাওয়ার ফলে জোয়ার-ভাটায় সমৃদ্ধ হতে আগত পলি নদ-নদী ও খাল বিলের তলদেশে জমা হয়ে বিগত কয়েক দশক ধরে বাংলাদেশের সমগ্র দক্ষিণ পশ্চিমাঞ্চলের নদীর পানি পরিবহন ক্ষমতা হ্রাস পেয়ে নাব্যতা হারায়। এরই ধারাবাহিকতায় সাতক্ষীরা জেলার কলারোয়া, সাতক্ষীরা সদর, দেবহাটা, আশানুনি এবং তালা উপজেলার পোক্তার নং-১, পোক্তার নং-২ এবং পোক্তার নং-৬-৮-৮ এ কপোতাঙ্ক, মরিচাপ, বেতনা নদী, ইছামতি, শালিকা, সাতক্ষীরা খালসহ অন্যান্য ছোট বড় অসংখ্য নদ-নদী ও খালের প্রার্থ ও তলদেশ উচ্চমাত্রায় Siltation এর কারণে প্রায় বছরেই জলাবদ্ধতা সমস্যা সৃষ্টি হচ্ছে। উক্ত সমস্যা সমাধানের লক্ষ্যে "সাতক্ষীরা জেলার পোক্তার নং-১, ২, ৬-৮ এবং ৬-৮ (এক্সটেনশন) এর নিকাশন ব্যবস্থার উন্নয়ন" শীর্ষক ডিপিপি প্রণয়ন করা হয়। যা ০২/০৬/২০২০ খ্রিঃ তারিখে একনেক সভায় অনুমোদিত হয়।

অনুমোদিত প্রকল্পের ডিপিপিতে খেজুরডাঙ্গি শাখা খালের উপর বর্তমানে ২-ভেন্ট (1.50m x 1.80m)) রেগুলেটর এর ছলে ৩-ভেন্ট এর (1.5মিঃ x ১.৮০মিঃ) একটি Drainage Cum Flasing Regulator নির্মাণের জন্য ত্রয় পরিকল্পনায় অন্তর্ভুক্ত আছে (প্যাকেজ নাম-ডিপিপি-সাত-২/১০)। বর্তমানে খেজুরডাঙ্গি শাখা খালের উপর ২-ভেন্ট (1.50m x 1.80m)) রেগুলেটরটির স্ট্রাকচার মারাত্মকভাবে ক্ষতিগ্রস্ত হওয়ায় ছানীয় জনপ্রতিনিধিগণ সম্পর্কে তা বন্ধ করে দিয়েছেন। ফলে এ এলাকার পানি নিকাশনের একমাত্র মাধ্যম এখন খেজুরডাঙ্গি ৩ ভেন্ট রেগুলেটরের যা এ এলাকার পানি নিকাশনের জন্য যথেষ্ট নয়। এমন পরিস্থিতিতে এ এলাকার জনগণের পানি বন্দি দশা থেকে মুক্তির একমাত্র পথ খেজুরডাঙ্গি শাখা খালের উপর ৩-ভেন্টের একটি (১.৫মিঃ x ১.৮০মিঃ) Drainage Cum Flasing Regulator পুনঃনির্মাণ। উক্ত কাজ বাস্তবায়নের জন্য অনুমোদিত ডিজাইন আবশ্যিক। উল্লেখ্য যে, প্রকল্পটি অনুমোদনের পূর্বে প্রকল্প সমীক্ষাকারী দল (IWM) কর্তৃক খেজুরডাঙ্গি শাখা খালের উপর একটি ৩-Vent(1.50m x 1.80m) Drainage Cum Flasing Regulator নির্মাণ ব্যয় ডিপিপিতে অন্তর্ভুক্ত করার জন্য শুধু মাত্র ডিপিপি প্রণয়নের জন্য একটি ডিজাইন প্রণয়ন করা হয়। যাহা পানি উন্নয়ন বোর্ড ডিজাইন পরিদণ্ড-৫ কর্তৃক ভেটেড করা হয়েছে (কপি সংযুক্ত)। ফ্লাসিং রেগুলেটরটি নির্মাণের জন্য একখানা অনুমোদিত ডিজাইন প্রণয়নে সদয় প্রয়োজনীয় ক্ষেত্রে প্রযোজনের জন্য পেশ করা হলো। অনুমোদিত ডিজাইন প্রাপ্তির জন্য ত্রয় সেকশন, সাইট প্র্যান ও গুগল ম্যাপসহ অন্যান্য আনুসারিক তথ্যাদি এতদসংগে সংযোজন করা হলো।

সংযুক্তিঃ বর্ণনামতে।


Md. Md. Hossain
পরিচিতি নম্বর-১১০৩১৮০২
নির্বাচিত প্রকৌশলী
সাতক্ষীরা পওর বিভাগ-২
বাপাটুবো, সাতক্ষীরা।


(গোচুল চন্দ্র পাল)
উপ- বিভাগীয় প্রকৌশলী (অংশ দাঃ)
সাতক্ষীরা পওর উপ- বিভাগ-২
বাপাটুবো, সাতক্ষীরা।

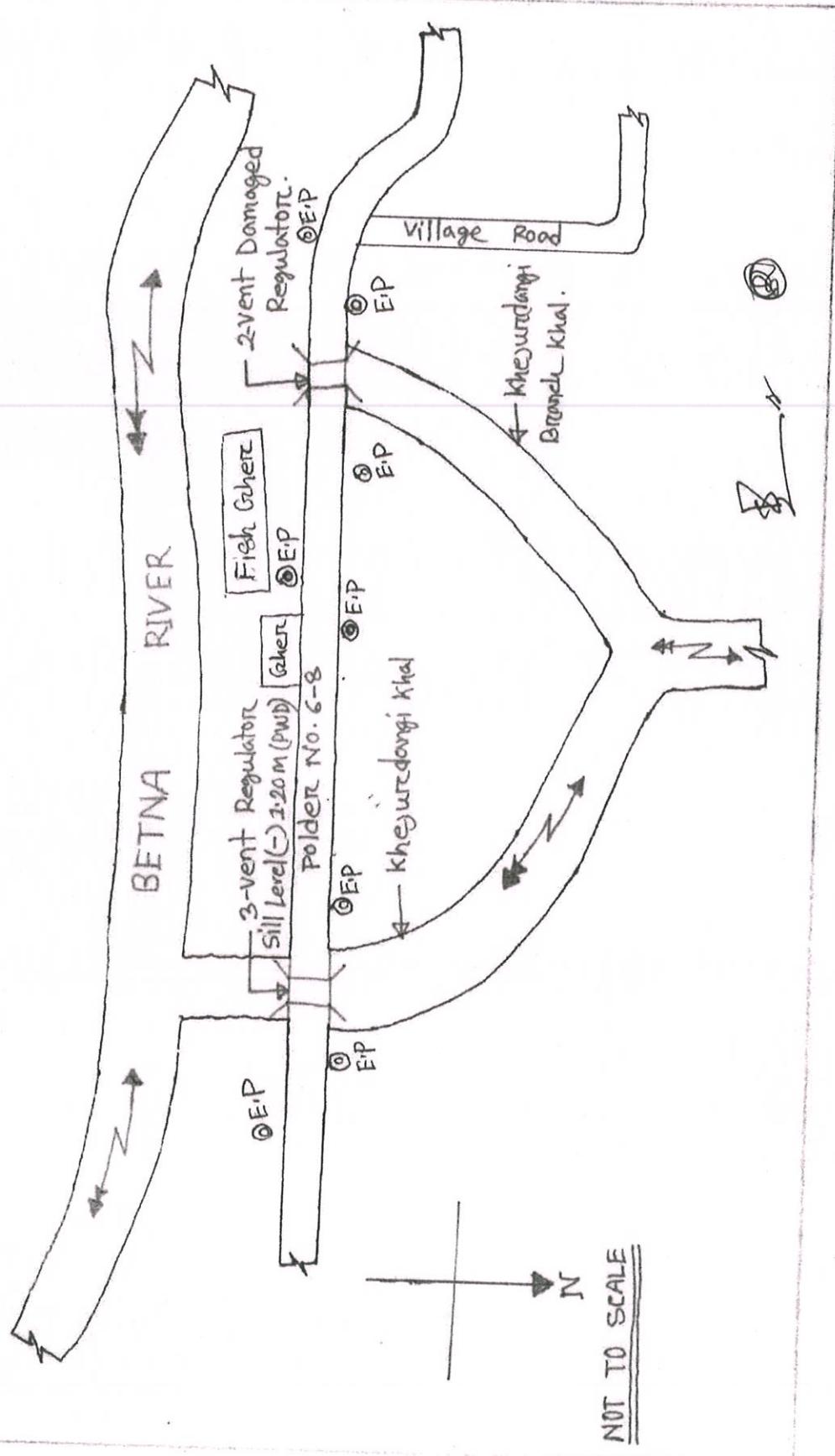

মোঃ ফিয়াউর রহমান
উপ-সহকর্মী প্রকৌশলী
পরিচিতি নং-১১০৬১৯০০১
মুক্তিগ্রস্ত পওর পার্ক
বাপাটুবো, সাতক্ষীরা।

পরিচিতি নম্বর-১১০৩১৮০২
নির্বাচিত প্রকৌশলী
সাতক্ষীরা পওর বিভাগ-২
বাপাটুবো, সাতক্ষীরা।

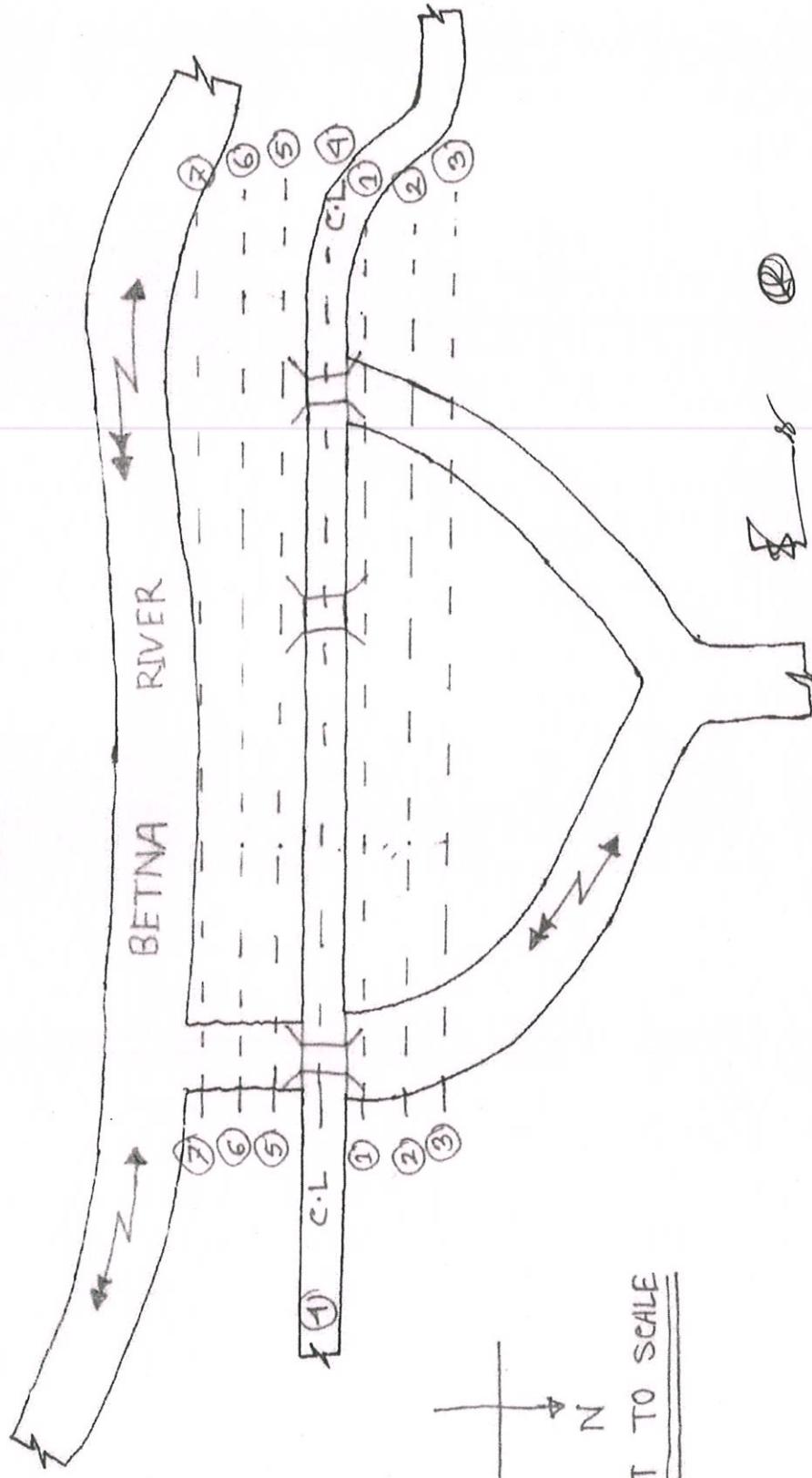
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উপ- বিভাগীয় প্রকৌশলী (অংশ দাঃ)
সাতক্ষীরা পওর উপ- বিভাগ-২
বাপাটুবো, সাতক্ষীরা।

মোঃ ফিয়াউর রহমান
উপ-সহকর্মী প্রকৌশলী
পরিচিতি নং-১১০৬১৯০০১
মুক্তিগ্রস্ত পওর পার্ক
বাপাটুবো, সাতক্ষীরা।

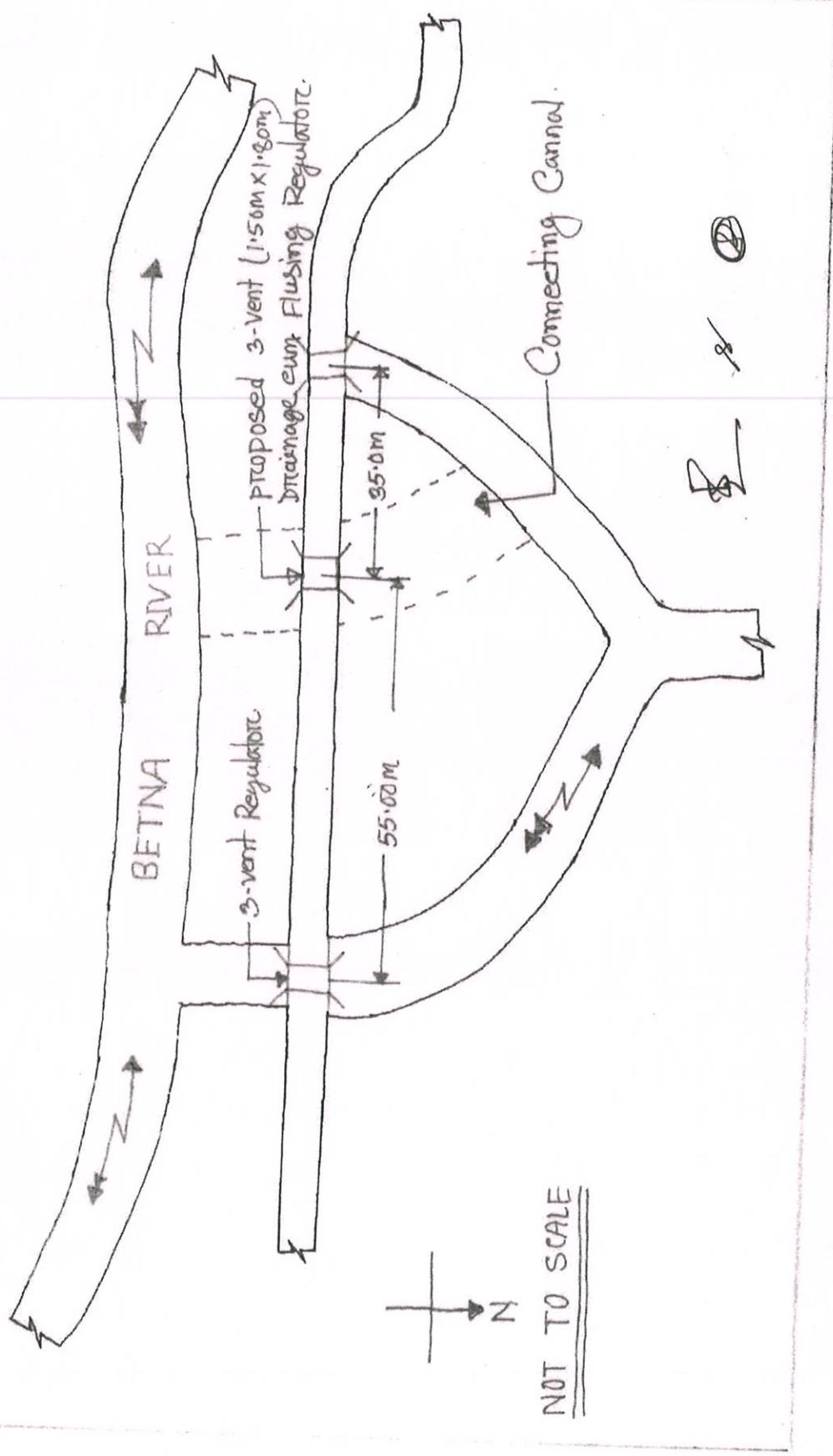
Site Plan for 3-vent (1.50 m x 1.80 m) Drainage cum Flushing Regulator (DS-3A) On Khejurdangi Branch khad at Km. 11.00 in Polder No. 6-8 in c/w Drainage Improvement of polder no. 1,2,6-8 & 6-8 (Ext.) In Sotkhuton O&M Division -2, BWDB, Sotkhuton. (package no. W-Sat-3/10)



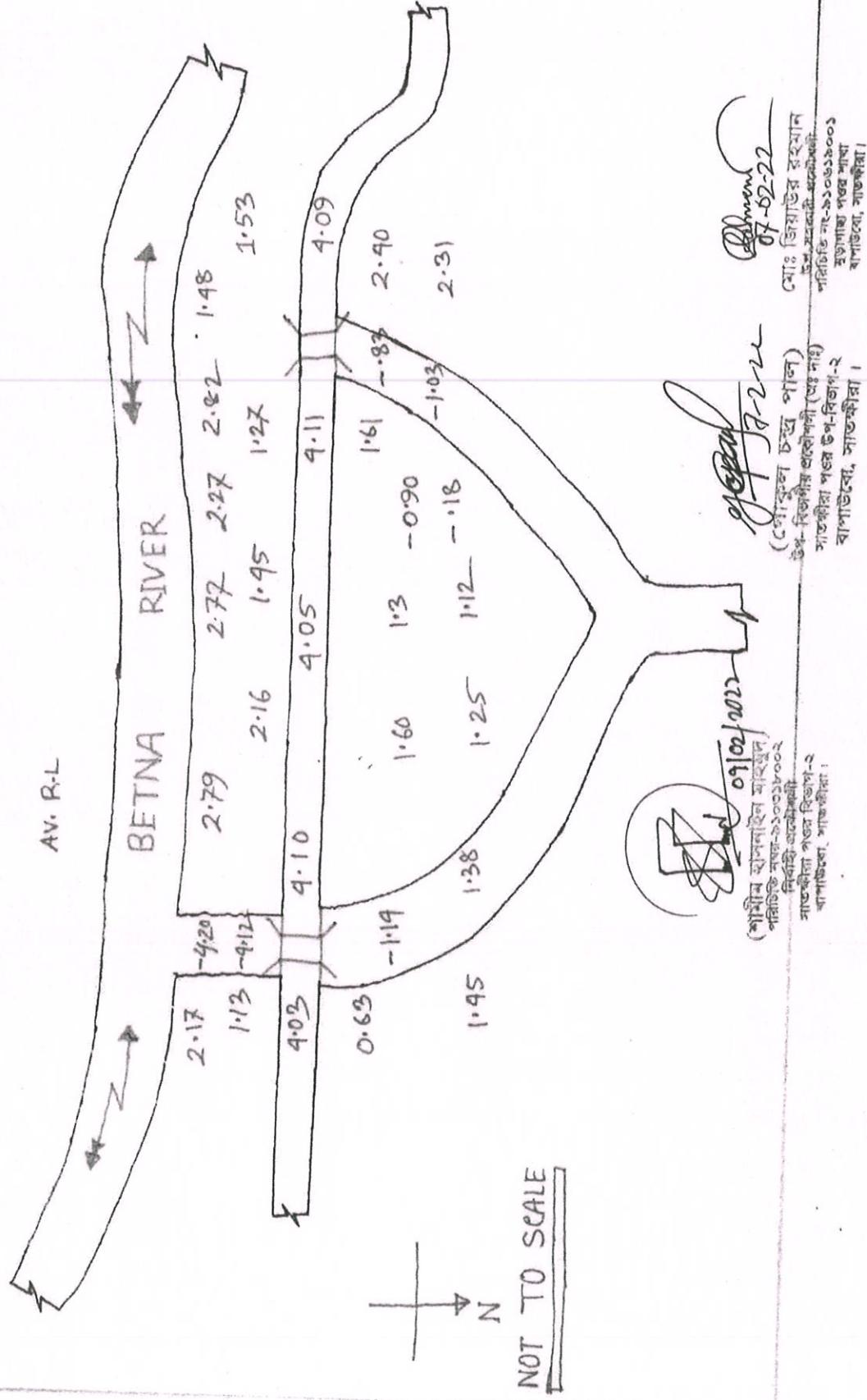
Site Plan for 3-vent (1.50m x 1.80m) drainage cum Flowing Regulator (DS-3A) On Kheyurdongi Branch khad at Km. 11.00 in Polder No. 6-8 in c/w Drainage Improvement of polder No. 1,2,6-8 & 6-8 (Ext.) In Satkhetra District, Under Satkhetra O&M Division -2, BWDB, Sathkhetra. (package No. W-Sat-2/10)



Site Plan for 3-vent ($1.50\text{m} \times 1.80\text{m}$) Drainage cum Flushing Regulators (DS-3A) on Khejurdangi Branch khad at Km. 11.00 in Polder No. 6-8 in C/W Drainage Improvement Improvement of polder No. 1, 2, 6-8 & 6-8 (Ext.) In Satkhetra District, Under Satkhetra O&M Division-2, BWDB, Satkhetra. (package No. W-Sat-2/10)



Site Plan for 3-vent (1.50m x 1.80m) drainage cum Flushing Regulator (DS-3A) On Khejurdangi Branch Khad at Km. 11.00 in Polder No. 6-8 in c/w Drainage Improvement of Polder NO. 1,2,6-8 & 6-8 (Ext.) In Sotkhira District, Under Sotkhira O&M Division -2, BNDB, Sotkhira. (package NO. W-Sat-2/10)



DATA CHECK LIST FOR THE DESIGN CONSTRUCTION OF DRAINAGE SLUICE

While submitting proposal for the design of the Constructing sluice this data check list shall be filled up and sent to the design office along with other requisites mentioned here in.

- A. Name of Project/Scheme : Drainage Improvement of Polder No. 1, 2 6-8 and 6-8 (Extension) in Satkhira District.
- B. Name of Structure : Construction of 3-Vent (1.50m x 1.80m) Drainage Cum Flushing Regulator (DS-3A) On Khejurdangi Branch Khal at Km. 11.00 in Polder 6-8 in c/w " Drainage Improvement of Polder No. 1, 2, 6-8 & 6-8 (Ext) in Satkhira District Under Satkhira O&M Division-2, BWDB, Satkhira.

- C. Project Area : **75790** Hector.
D. Catchments Area : 560 Hector. (Only for this structure)

1. PURPOSE OF THE STRUCTURE

Identify the purpose (s) that has to be saved by the structure and put tick-mark accordingly:

- 1.1 Drainage, Flood control and Irrigation.

Yes No
1.2 Monsoon Drainage.

Yes No
1.3 Post Monsoon Drainage

Yes No
1.4 Prevention of early Flood.

Yes No
1.5 Prevention of Flood.

Yes No
1.6 Flushing of irrigation/ Fish Culter water.

Yes No
1.7 Retention of post monsoon water for irrigation.
Yes No

2.MAPS (See instruction in Annexure-A)

2.1 Project Map:

A project index map showing the project boundary and all project feature such as embankment, improvement of drainage channel, irrigation canal, all drainage and Index Map enclosed.

2.2 Location Map- Enclosed:

2.3 Basin Map- Enclosed.

2.4 Site Plan- Enclosed.



3 HYDROLOGICAL DATA:

3.1 Rain fall data: Enclosed.

- (ii) Highway/Feeder road/v/Local road.
 (iii) BWDB Embankment.
- 5.2 Data related to drainage aspects.
 Are the existing section and bed slope of the drainage channel adequate for complete or desire level of drainage?
- | | | | |
|-----|--------------------------|----|-------------------------------------|
| Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
|-----|--------------------------|----|-------------------------------------|
- 5.2.2 If not, does the scheme include re-excavation of drainage channel? If so, the design cross-section and long-section may be finished as requirement indicated n Para 4.2 and 4.3
- | | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|
- 5.2.3 (a) Is the complete drainage of the basin necessary?
- | | | | |
|-----|-------------------------------------|----|--------------------------|
| Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
|-----|-------------------------------------|----|--------------------------|
- (b) If not mentioned the drainage level require and distance of such level from the proposed structure site.
 Drainage highest level requirement SOB.
 Distance from the structure site
- 5.2.4 From the field condition Proposed invert level of the structure which can allow design level of drainage (-) 1.25m (PWD).
- 5.2.5 From the field condition proposed invert level of the structure which can allow design drainage period: All Season
- 5.3.1 Date related to irrigation aspects:
 Project cultivate area 75790 hectors.
- 5.3.2 Principal crop singe in the basin with present and future cropping past term: Fish Culture
- 5.3.3 For irrigation by flushing water, specify the period of such irrigation: N/A
6. FOUNDATION DESIGN DATA: Will be Supplied by Ground Water Hydrology
 Immediately.

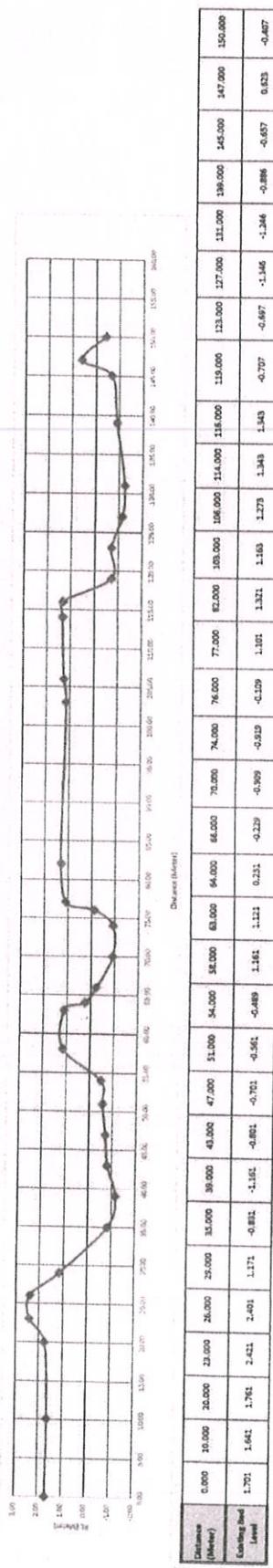

 07-02-2022
 (Shameem Hasnain Mahmud)
 Executive Engineer
 Satkhira O&M Division-2
 BWDB, Satkhira.


 07-02-22
 (Gokul Chandra Paul)
 Sub-Divisional Engineer
 Satkhira O&M Sub-Division
 BWDB, Satkhira.

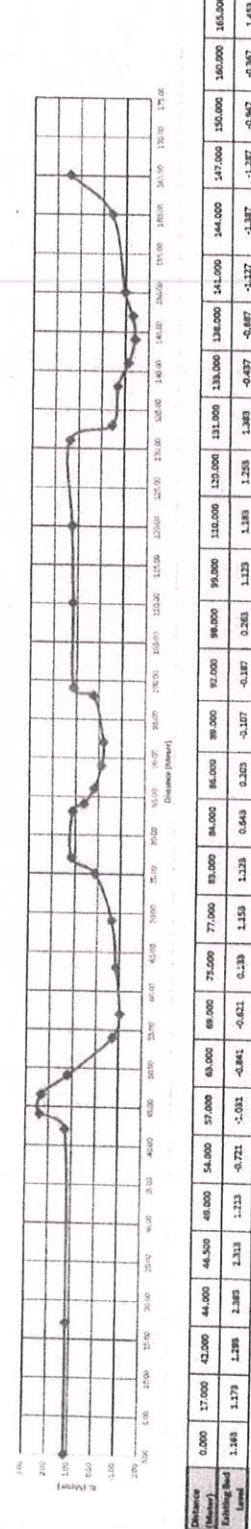

 07-02-22
 (Md. Ziaur Rahman)
 Sub-Assistant Engineer
 Satkhira O&M Sectiion
 BWDB, Satkhira.

Cross Section For 3-Vent (1.50m x 1.80m) Drainage Cum Flushing Regulator (DS-3A) On Khejurdangi Branch Khal at Km. 11.00 in Polder 6-8 in c/w “
 Drainage Improvement of Polder No. 1, 2, 6-8 & 6-8 (Ext) in Satkhira District Under Satkhira O&M Division-2, BWDB, Satkhira.(Package No: W-Sat-2/10).

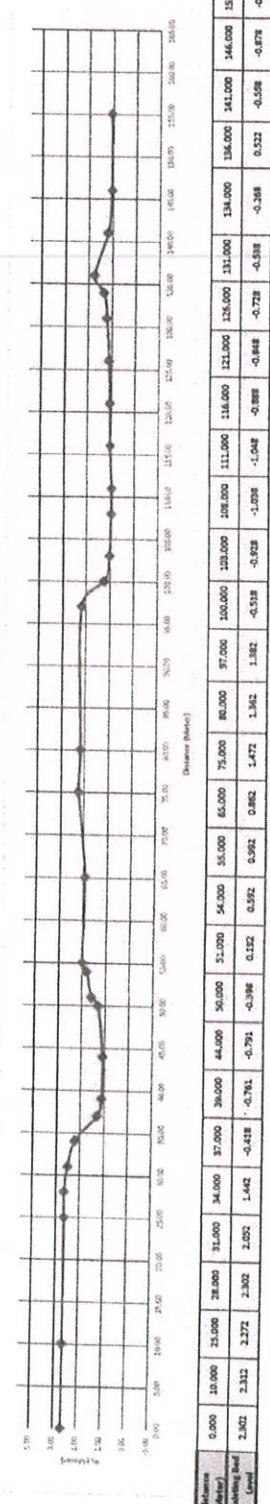
C/S No. 01 at 25.00 Meter U/S



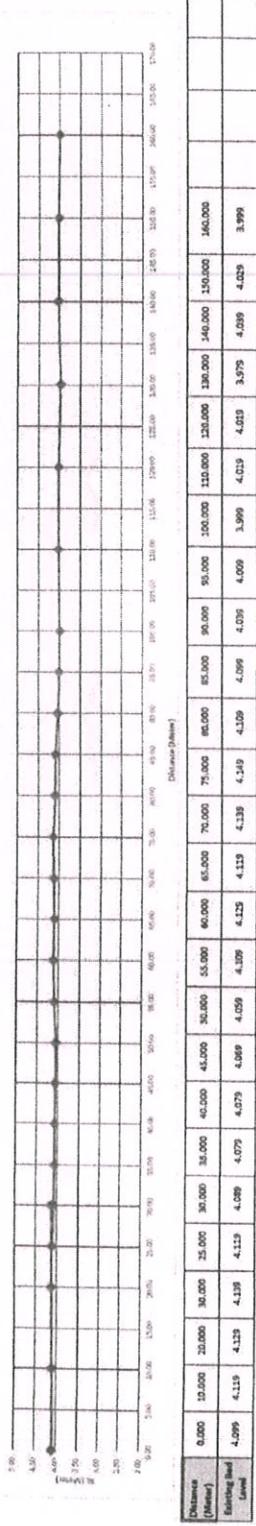
C/S No. 02 at 50.00 Meter U/S



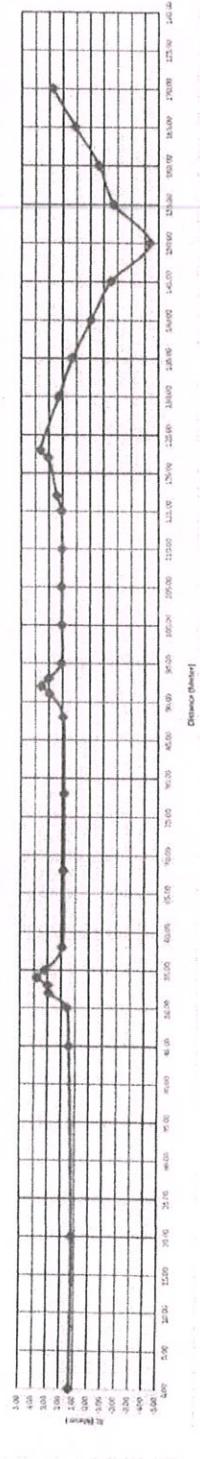
C/S No. 03 at 75.00 Meter U/S



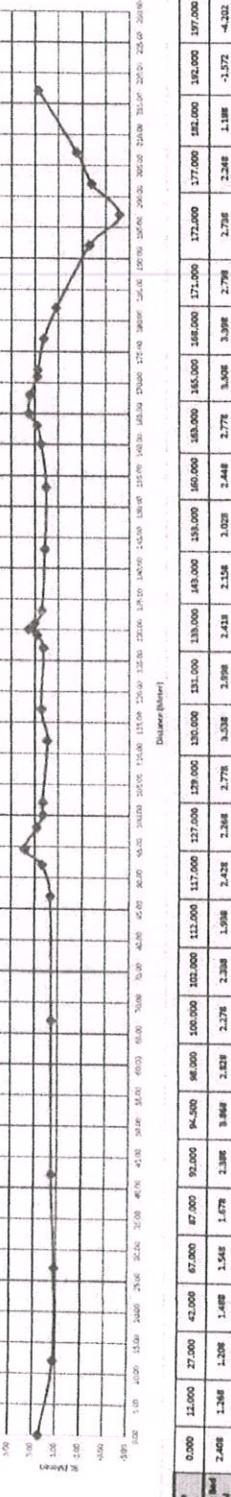
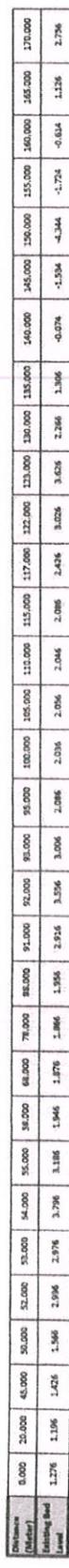
C/S No. 04 at (Centre Line)



C/S No. 05 at 25.00 Meter D/S



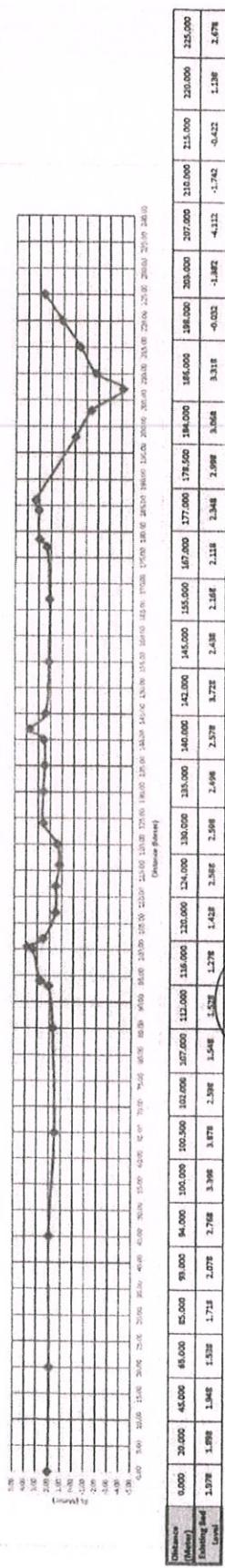
C/S No. 06 at 50.00 Meter D/S



Distance (Metres)	Water Level (Metres)
0.000	12.000
10.000	42.000
20.000	67.000
30.000	87.000
40.000	92.000
50.000	96.000
60.000	100.000
70.000	103.000
80.000	112.000
90.000	117.000
100.000	127.000
110.000	129.000
120.000	130.000
130.000	133.000
140.000	143.000
150.000	153.000
160.000	163.000
170.000	171.000
180.000	172.000
190.000	173.000
200.000	173.000
210.000	173.000
220.000	173.000
230.000	173.000
240.000	173.000
250.000	173.000

✓ ✓ ✓

C/S No. 07 at 75.00 Meter D/s



Parvez
07-02-22

ବୋଲି କିମ୍ବା ଉତ୍ତର ପରିମାଣ
କୁଳ-ଅନେକାଂଶ ପରିମାଣ
ପାରିଷର୍ତ୍ତ ରେ-ଫର୍ମ ପରିମାଣ
ମହାନାଳୀ ପରିମାଣ-୨
ବାଲାଙ୍ଗୋରୀ, ଆତମକୀନୀ ।

(କୋଣାର୍କ ଚଟକ ପରିମାଣ)
ପରିମାଣ କରିବାର ପାଇଁ ପରିମାଣ
ଦିନାତିଥି ଦେଖିବାରେ
ସାତବେଳୀ ପରିମାଣ-୨
ବାଲାଙ୍ଗୋରୀ, ଆତମକୀନୀ ।

Parvez
07-02-22

