

[APPENDIX]

APPENDIX 1 MEMBER LIST OF THE STUDY TEAM

< Basic Design Study Team >

Name	Work Assignment	Position
Hideya KOBAYASHI	Leader	Chief Project Management Group II Grand Aid Management Dept. JICA
Osamu YAMADA	Construction Planning Management	Expert JICA Indonesia Office
Hideaki IWASE	Planning Management	Junior Expert Administration and Coordination Group Grand Aid Management Dept. JICA
Shoji HASEGAWA	Procurement Management	Program Manager Project Management Department Japan International Cooperation System (JICS)
Naoyuki MINAMI	Chief Consultant	Yachiyo Engineering Co., Ltd.
Susumu IMAI	Architectural Plan & Design 1	Yachiyo Engineering Co., Ltd.
Sakae NAKAMURA	Architectural Plan & Design 2/ Social Environment	Japan Engineering Consultants Co., Ltd.
Koji ODA	Architectural Plan & Design 3	Yachiyo Engineering Co., Ltd.
Hisayuki YAMAMOTO	Construction & Procurement Plan / Cost Estimate	Yachiyo Engineering Co., Ltd.
Shin-ichiro SATO	Natural Condition Survey	Yachiyo Engineering Co., Ltd.
Tatsuya KOBAYASHI	Study Coordinator	Yachiyo Engineering Co., Ltd.

APPENDIX 2 STUDY SCHEDULE

First Progress Survey

No.	Date	Day	Official Leader : Mr. Hideya Kobayashi Construction Planning Management : Mr. Osamu Yamada Planning Management : Mr. Hideaki Iwase JICS Procurement Management : Mr. Shoji Hasegawa	Consultant: Group A			Consultant: Group B			Stay at
				Chief Consultant	Architectural Plan & Design 2 / Social Environment	Study Coordinator	Architectural Plan & Design 1	Natural Condition Survey	Construction & Procurement Plan / Cost Estimate	
				Mr. Naoyuki Minami	Mr. Sakae Nakamura	Mr. Tatsuya Kobayashi	Mr. Susumu Imai	Mr. Shin-ichiro Satoh	Mr. Hisayuki Yamamoto	
1	24-Feb	Sun	Trip [Tokyo (10:50) NH953→ Bangkok (16:05)]	Trip [Tokyo (10:55) JL717→ Bangkok (16:00)]						Bangkok
2	25-Feb	Mon	Trip [Bangkok (10:40) TG321→ Dhaka (12:10)] PM: Meeting at JICA Bangladesh Office with EOJ							Dhaka
3	26-Feb	Tue	AM: Courtesy call to ADB PM: Joint Meeting on Inception report to the related agencies (ERD, PC, MoFDM, MoPME and LGED)							Dhaka
4	27-Feb	Wed	AM: Courtesy calls to MoPME and MoFDM. PM: Courtesy call to IDB. Internal meeting.	AM: Meeting with local companies. PM: Meeting with local companies. Internal meeting.						Dhaka
5	28-Feb	Thu	AM: Trip to Patuakhali. PM: Site survey in Patuakhali.							Patuakhali
6	29-Feb	Fri	AM: Site survey in Patuakhali. PM: Trip to Dhaka.				Site survey in Patuakhali.			JICA & A: Dhaka B: Patuakhali
7	1-Mar	Sat	Internal meeting.				Site survey in Patuakhali.			JICA & A: Dhaka B: Patuakhali
8	2-Mar	Sun	Minutes Discussion with LEGD.				Site survey in Patuakhali.			JICA & A: Dhaka B: Patuakhali
9	3-Mar	Mon	Minutes Discussion with LEGD.				Site survey in Patuakhali.			JICA & A: Dhaka B: Patuakhali
10	4-Mar	Tue	Singing of Minutes of Discussion with LEGD. MoFDM·MoPME·ERD Courtesy call and Discussion; JICA·EOJ Courtesy call and Discussion Trip [Dhaka (23:55) SQ435→ Singapore (05:55+1)]				Site survey in Barguna.			A: Dhaka B: Barguna
11	5-Mar	Wed	Trip [Singapore (8:35) NH112 → Tokyo (16:15)]	Trip to Khulna.			Site survey in Barguna.			A: Khulna B: Barguna
12	6-Mar	Thu		Site survey in Bagerhat.			Site survey in Barguna.			A: Khulna B: Barguna
13	7-Mar	Fri		Site survey in Bagerhat.			Site survey in Barguna.			A: Khulna B: Barguna
14	8-Mar	Sat		Site survey in Bagerhat.			Site survey in Patuakhali. Trip to Dhaka.			Khulna
15	9-Mar	Sun		Site survey in Bagerhat.			Meeting with local contractors in Bagerhat.			Khulna
16	10-Mar	Mon		Site survey in Pirojpur.						Khulna
17	11-Mar	Tue		Site survey in Pirojpur.						Trip to Dhaka. Khulna Yamamoto: Dhaka
18	12-Mar	Wed		Meeting with local contractors in Pirojpur. Market survey.			Trip [Dhaka (13:20) TG322 → Bangkok (16:35)] Trip [Bangkok (22:30) JL718 → Tokyo (06:15+1)]			Khulna
19	13-Mar	Thu		Trip to Dhaka. Meeting with local contractors in Dhaka.			Arrival at Tokyo.			Dhaka
20	14-Mar	Fri		Data analysis.						Dhaka
21	15-Mar	Sat		Data analysis.						Dhaka
22	16-Mar	Sun		AM: Discussion with LGED on Site Selection and Prototype. PM: Meeting with local contractors in Dhaka.						Dhaka
23	17-Mar	Mon		AM: Discussion with LGED on Site Selection. PM: Meeting with local companies for Topographic survey and Soil investigation.						Dhaka
24	18-Mar	Tue		AM: Discussion with MoPME PM: Preparing Technical notes and Progress report.	AM: Meeting with REB. PM: Contract with the local company for Topographic survey and Soil investigation.	AM: Discussion with MoPME PM: Preparing Progress report.	Contract with the local company for Topographic survey and Soil investigation.			Dhaka
25	19-Mar	Wed		AM: Discussion with LGED PM: Preparing Technical notes and Progress report.	Market survey and Collecting quotations.	AM: Discussion with LGED PM: Preparing Progress report.	Market survey and Collecting quotations.			Dhaka
26	20-Mar	Thu		AM: Discussion with MoPME PM: Discussion with LGED.	Market survey and Collecting quotations.	AM: Discussion with MoPME PM: Preparing Progress report.	Market survey and Collecting quotations.			Dhaka
27	21-Mar	Fri		Preparation of Progress report, Market survey, etc.						Dhaka
28	22-Mar	Sat		Preparation of Progress report, Market survey, etc.						Dhaka
29	23-Mar	Sun		Discussion with LGED on Technical notes and Progress report.						Dhaka
30	24-Mar	Mon		AM: Obtaining approvals from LGED on Technical notes and Progress report. PM: Report to JICA Bangladesh Office and EOJ.						Dhaka
31	25-Mar	Tue		Trip [Dhaka (13:20) TG322 → Bangkok (16:35)] Trip [Bangkok (22:30) JL718 → Tokyo (06:15+1)]						
32	26-Mar	Wed		Arrival at Tokyo.						

Legend: ERD :Economic Relations Division REB : Rural Electrification Board
 LGED :Local Government Engineering Department
 MoFDM :Ministry of Food and Disaster Management JICA : Japan International Cooperation Agency
 MoPME :Ministry of Primary and Mass Education EOJ : Embassy of Japan
 DPE :Directorate of Primary Education
 MLGR :Ministry of Local Government, Rural Development and Cooperatives

Second Field Survey

No.	Date	Day	Official	Consultant A Group		Consultant B Group		Stay at	
				Chief Consultant	Architectural Plan & Design 3	Construction & Procurement Plan / Cost Estimate	Natural Condition Survey	Consultant A Group	Consultant B Group
				Leader : Mr. Hideya Kobayashi	Mr.Naoyuki Minami	Mr.Koji Oda	Mr.Hisayuki Yamamoto	Mr.Shin-ichiro Satoh	
1	6-May	Tue				Trip [Tokyo (10:55) JL717 → Bangkok (16:00)]			Bangkok
2	7-May	Wed				Trip [Bangkok (10:40) TG321 → Dhaka (12:10)] PM:Meeting/Discussion with Local Consultants			Dhaka
3	8-May	Thu				Meeting/Discussion with LGED,JICA,Local Consultants			Dhaka
4	9-May	Fri			Trip [Tokyo (10:55) JL717 → Bangkok (16:00)]		Meeting/Discussion with Local Consultants	Bangkok	Dhaka
5	10-May	Sat	Trip [Tokyo (10:55) JL717 → Bangkok (16:00)]		Trip [Bangkok (10:40) TG321 → Dhaka (12:10)] & Internal Meeting		Meeting/Discussion with Local Consultants	Dhaka	Dhaka
6	11-May	Sun	Trip[Bangkok (10:40) TG321 → Dhaka (12:10)] 14:30: Meeting/Discussion with JICA		Meeting with Local Consultants			Dhaka	Dhaka
7	12-May	Mon	10:00 MoFDM (Additional Secretary) 11:00 MoPME 14:00 ERD (Ms. Nasreen Akhtar Chawdhury) 16:00 Discussion with LGED					Dhaka	Dhaka
8	13-May	Tue	Discussion with LGED for M/D, Discussion with ADB?		Travel to Khulna	Discussion with LGED for M/D	Travel to Khulna	Dhaka	Khulna
9	14-May	Wed	10:00 Discussion with LGD 12:00 Planning Commission		Survey Bagerhat: D4, A2	10:00 LGD 12:00 Planning Commission	Survey Bagerhat: D4, A2	Dhaka	Khulna
10	15-May	Thu	10:00 EOJ (Ambassador) 14:30 Signing of M/D at ERD ? JICA Bangladesh Office Trip [Dhaka (23:35) SQ435 → Singapore (05:55+1)]		Survey Pirojpur: A11, A8	10:00 EOJ (Ambassador) 14:30 Signing of M/D Discussion with LGED	Survey Pirojpur: A11, A8	Dhaka	Khulna
11	16-May	Fri	Trip [Singapore (08:20) NH112 → Tokyo (16:20)]	Travel to Patuakhali	Survey Patuakhali: B2, B9	Travel to Patuakhali	Survey Patuakhali: B2, B9		Patuakhali
12	17-May	Sat			Meeting with LGED Patuakhali Executive Engineer				Patuakhali
13	18-May	Sun			Meeting with LGED Barguna Executive Engineer, travel to Barisal				Barisal
14	19-May	Mon			Travel to Pirojpur and Bagerhat, Meeting with LGED and Pirojpur Bagerhat Executive Engineer				Khulna
15	20-May	Tue			Travel to Dhaka				Dhaka
16	21-May	Wed			Trip [Dhaka (13:10) TG322 → Bangkok (16:35)] [Bangkok (22:25) JL718 → Tokyo (06:30+1)]				
17	22-May	Thu			Arrival at Tokyo				

Legend: ERD :Economic Relations Division

LGED :Local Government Engineering Department

MoFDM :Ministry of Food and Disaster Management

MoPME :Ministry of Primary and Mass Education

JICA : Japan International Cooperation Agency

EOJ : Embassy of Japan

Third Field Survey

No.	Date	Day	Chief Consultant	Construction & Procurement Plan / Cost Estimate	Architectural Plan & Design 3	Stay at
			Mr.Naoyuki Minami	Mr.Hisayuki Yamamoto	Mr. Koji Oda	
1	20-Jun	Fri			Trip [Tokyo (10:55) JL717 → Bangkok (16:00)]	Bangkok
2	21-Jun	Sat			Trip[Bangkok (10:40) TG321 → Dhaka (12:10)]	Dhaka
3	22-Jun	Sun		Trip [Tokyo (16:15) JL703 → Bangkok (20:50)]	Meeting and Checking on Detail Design & Tender Document	Bangkok Dhaka
4	23-Jun	Mon		Trip[Bangkok (10:40) TG321 → Dhaka (12:10)] 16:00 Meeting with JICS	Data Analysis	Dhaka
5	24-Jun	Tue		Meeting and Checking on Detail Design & Tender Document		Dhaka
6	25-Jun	Wed		11:00 Courtesy call to JICA 15:00 Courtesy Call and Meeting LGED		Dhaka
7	26-Jun	Thu		Meeting and Checking on Detail Design & Tender Document		Dhaka
8	27-Jun	Fri		Data Analysis		Dhaka
9	28-Jun	Sat		Trip [Dhaka (13:10) TG322 → Bangkok (16:35)] [Bangkok (22:25) JL718 → Tokyo (06:30+1)]	Meeting and Checking on Detail Design & Tender Document	Dhaka
10	29-Jun	Sun		6:00 Arrival at Tokyo	Meeting and Checking on Detail Design & Tender Document	Dhaka
11	30-Jun	Mon			Meeting and Checking on Detail Design & Tender Document	Dhaka
12	1-Jul	Tue			Meeting and Checking on Detail Design & Tender Document	Dhaka
13	2-Jul	Wed			Meeting and Checking on Detail Design & Tender Document	Dhaka
14	3-Jul	Thu			Meeting and Checking on Detail Design & Tender Document 15:00 Meeting LGED	Dhaka
15	4-Jul	Fri			Data Analysis	Dhaka
16	5-Jul	Sat			Meeting and Checking on Detail Design & Tender Document	Dhaka
17	6-Jul	Sun			Meeting and Checking on Detail Design & Tender Document	Dhaka
18	7-Jul	Mon			Meeting and Checking on Detail Design & Tender Document 10:00 Meeting LGED	Dhaka
19	8-Jul	Tue			Meeting and Checking on Detail Design & Tender Document	Dhaka
20	9-Jul	Wed			Meeting and Checking on Detail Design & Tender Document	Dhaka
21	10-Jul	Thu			1st Inspection Detail Design & Tender Document	Dhaka
22	11-Jul	Fri			Data Analysis	Dhaka
23	12-Jul	Sat			Meeting and Checking on Detail Design & Tender Document	Dhaka
24	13-Jul	Sun			Meeting and Checking on Detail Design & Tender Document 15:30 Meeting LGED	Dhaka
25	14-Jul	Mon			Meeting and Checking on Detail Design & Tender Document	Dhaka
26	15-Jul	Tue			Meeting and Checking on Detail Design & Tender Document 15:00 Meeting LGED	Dhaka
27	16-Jul	Wed	Trip [Tokyo (10:55) JL717 → Bangkok (16:00)]		Meeting and Checking on Detail Design & Tender Document 15:30 Meeting LGED	Bangkok Dhaka
28	17-Jul	Thu	Trip[Bangkok (10:40) TG321 → Dhaka (12:10)] Meeting and Checking on Detail Design & Tender Document		Meeting and Checking on Detail Design & Tender Document	Dhaka
29	18-Jul	Fri	Checking of Draft Tender Documents		Checking of Draft Tender Documents	Dhaka
30	19-Jul	Sat	Printing of Draft Tender Documents		Printing of Draft Tender Documents	Dhaka
31	20-Jul	Sun	10:00 Courtesy calls to JICA, 15:00 Courtesy calls to ERD 16:00 Meeting with LGED on Outline Design Study Report and Draft Tender Documents		10:00 Courtesy calls to JICA, 15:00 Courtesy calls to ERD 16:00 Meeting with LGED on Outline Design Study Report and Draft Tender Documents	Dhaka
32	21-Jul	Mon	Meeting with LGED		Meeting with LGED	Dhaka
33	22-Jul	Tue	16:00 Meeting with LGED		16:00 Meeting with LGED	Dhaka
34	23-Jul	Wed	Consensus on Outline Design Study Report and Draft Tender Documents		Consensus on Outline Design Study Report and Draft Tender Documents	Dhaka
35	24-Jul	Thu	10:30 Meeting with EOJ & USAID Preparation for production of Tender Documents		10:30 Meeting with EOJ & USAID Preparation for production of Tender Documents	Dhaka
36	25-Jul	Fri	Trip [Dhaka (13:10) TG322 → Bangkok (16:35)] [Bangkok (22:25) JL718 → Tokyo (06:30+1)]		Trip [Dhaka (13:10) TG322 → Bangkok (16:35)] [Bangkok (22:25) JL718 → Tokyo (06:30+1)]	
37	26-Jul	Sat	6:00 Arrival at Tokyo		6:00 Arrival at Tokyo	

Legend: ERD :Economic Relations Division JICA : Japan International Cooperation Agency
 LGED :Local Government Engineering Department EOJ : Embassy of Japan
 MoFDM :Ministry of Food and Disaster Management
 MoPME :Ministry of Primary and Mass Education

APPENDIX 3 LIST OF PARTIES CONCERNED IN THE RECIPIENT COUNTRY

<u>Organization and Name</u>	<u>Job Title</u>
Ministry of Planning (MoP)	
Mr. Jafor Ahmed Chowdhury	Secretary, Planning Division
Mr. Md. Shah Alam	Member
Mr. Idris Ali Dewan	Division Chief, Programming Division
Mr. Hmidur Rahman	Division Chief, Agriculture Division
Mr. Abdur Razzak	Division Chief, SEI Division
Mr. Md. Khaledur Rahman	Joint Chief, Programming Division
Economic Relations Division (ERD)	
Mr. Amitar Chakraverty	Deputy Secretary
Ms. Nasreen Akhtar Chowdhury	Deputy Secretary
Ministry of Primary and Mass Education (MoPME)	
Mr. M. Musharraf Hossain Bhuiyan	Secretary
Mr. A. S. Shameem Ahmed	Joint Secretary to the Government
Mr. Zakir Hossain	Depury Chief
Mr. Mirza Md. Mohiuddin	Assistant Chief
Mr. Md. Abul Kashem Bhuyian	Director, Directorate of Primary Education (DPE)
Md. Mosius Rahman	Deputy Secretary, DPE
Ministry of Food and Disaster Management (MoFDM)	
Mr. A.K.M. Abdul Awal Mazumder	Additional Secretary
Mr. Abdul Bari Khan	Additional Secretary
Mr. Moral Hassain	Deputy Chief
Mr. Md. Monowar Hossain	Senior Assistant Chief
Ministry of Environment and Forest (MoEF)	
Mr. Md. Sohrab Ali	Deputy Director, Department of Environment
Ministry of Local Government, Rural Development and Cooperatives (MLGRD&C)	
Local Government Division	
Mr. Mirza Rahman	Joint Secretary
Mr. Md. Ansar Ali Khan	Deputy Secretary
Mr. A.A.M. Nasibul Kuwal	Deputy Secretary
Ms. Mahmuda Sharmeen Benu	Deputy Secretary
Mr. Md. Shamsul Karim Bhuiyan	Deputy Chief

Local Government Engineering Department (LGED)

Mr. Shahidul Hasan	Chief Engineer
Mr. Md. Nurul Islam	Additional Chief Engineer (Planning)
Mr. Md. Wahidur Rahman	Additional Chief Engineer
Mr. Shahriar Khan	Executive Engineer
Mr. A. F. M. Munibur Rahman	Project Director
Mr. Md. Abul Kalam Azad	Project Director
Mr. Moahlesur Rahman	Assistant Engineer
Mr. Mahbub Imam Morshed	Assistant Engineer
Mr. Md. Monjur Ali	Assistant Engineer (PEDP)
Mr. Md. Ataullah Bhuiya	Project Coordinator
Mr. Samser Ali	Executive Engineer, Bagerhat
Mr. Abu Sayed	Assistant Engineer, Bagerhat
Mr. Anupam Pal	Upazila Engineer, Sharamkhola, Bagerhat
Mr. Abul Kamal	Upazila Engineer, Morrelgonj, Bagerhat
Mr. Mamun Khan	Upazila Engineer, Rampal, Bagerhat
Mr. Narayor Chauda	Upazila Engineer, Mongla, Bagerhat
Mr. Rabiul Islam	Upazila Engineer, Sadar, Bagerhat
Mr. Nazmul Alam	Executive Engineer, Barguna
Mr. Dewan AbdusSabur	Upazila Engineer, Sadar, Barguna
Mr. Md. Atiar Rahman	Upazila Engineer, Amtali, Barguna
Mr. Proshanto Ar Haldes	Upazila Engineer, Patharghata, Barguna
Mr. Md. Abdus Salam Mondol	Executive Engineer, Patuakhali
Mr. Md. Rafiqul Islam	Upazila Engineer, Kalapara, Patuakhali
Mr. Md. Mehedi Hassan	Upazila Engineer, Sadar, Patuakhali
Mr. Molla Abul Bashar	Executive Engineer, Pirojpur
Mr. Jakir Mir	Upazila Engineer, Bandaria, Pirojpur
Mr. Humaun Kabir	Upazila Engineer, Mathbaria, Pirojpur
Mr. Md. Harun Rashid	Upazila Engineer, Mathbaria, Pirojpur
Mr. Badsha Miya	Upazila Engineer, Kawkhali, Pirojpur

Department of Public Health Engineering (DPHE)

Mr. Shudir Kumar Ghosh	Executive Engineer, DPHE Bhaba
Mr. Md. Shamsul Alam	Executive Engineer, Bagerhat
Mr. Moniruzzoman	Executive Engineer, Patuakhali and Barguna
Mr. Md. Shamsul Haq Bhiyan	Executive Engineer, Pirojpur

Rural Electrification Board (REB)

Mr. Kaiser Ahmed Director, Renewable Energy Division

Department for International Development (DFID)

Mr. Fazle Rabbani Education Adviser

Dr. P. K. Das Consultant

Asian Development Bank (ADB)

Mr. Stefan Ekelund Head Transport

Mr. Brajesh P. Panth Program Manager, PEDP II

Mr. K. M. Maqsoodul Mannan Implementation Specialist
Program Liaison Unit, PEDP II

Islamic Development Bank (IDB)

Mr. Md. Sayef Uddin Representative for Bangladesh

Embassy of Japan in Bangladesh

Mr. Masami Tamura Counsellor

Mr. Yoshihiro Sakakibara First Secretary

Mr. Yuichi Inagaki Second Secretary

JICA Bangladesh Office

Ms. Nobuko Kayashima Resident Representative

Mr. Cho Eiichiro Additional Resident Representative

Mr. Mitsuaki Suzuki Deputy Resident Representative

Mr. Hideki Katayama Project Formulation Adviser

Mr. Sayedul Arefin Deputy Director

JICA Expert

Mr. Susumu Sugatani Expert (Rural Infrastructure Development Advisor)

Mr. Toshiro Tsubota Expert (Rural Infrastructure Development Advisor)

Mr. Yasumasa Nagaoka Expert (Education Advisor)

Mr. Ryuji Ogata Expert (Arsenic Mitigation Advisor)

APPENDIX 4 MINUTES OF DISCUSSIONS

Minutes of Discussions

on the Outline Design Study

on the Project for Construction of Multi-Purpose Cyclone Shelters in the Cyclone Sidr affected area
in the People's Republic of Bangladesh

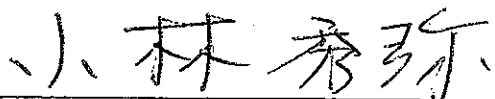
Based on the results of the Need Assessment Study, the Government of Japan decided to conduct a Outline Design Study on the Project for Construction of Multi-Purpose Cyclone Shelters in the Cyclone Sidr affected area (hereinafter referred to as "the Project")and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to People's Republic Bangladesh (hereinafter referred to as "Bangladesh") the Outline Design Study Team(hereinafter referred to as "the Team"), which is headed by Mr. Hideya Kobayashi, Chief, Education and Vocational Training Team, Project Management Group II, Grant Aid Management Department and is scheduled to stay in the country from February 25 to March 4.


The Team held discussions with the officials concerned of the Government of Bangladesh and conducted a field survey at the study area.

In the course of discussions and field survey, both parties confirmed the main items described on the attached sheets. The Team will proceed to further works and prepare the Outline Design Study Report.

Dhaka, March 4, 2008



Mr. Hideya Kobayashi
Leader
Outline Design Study Team
Japan International Cooperation Agency



Ms. Nasreen Akhtar Chowdhury
Deputy Secretary
ERD



Mr. Md. Wahidur Rahman
Additional Chief Engineer
LGED



Mr. Md. Shamsul Karim Bhuiyan
Deputy Chief
Local Government Division (LGD)
Ministry of LGRD and Cooperatives

ATTACHMENT

1. Objective of the Project

The objective of the Project is to mitigate the risk of damages of the people by constructing multipurpose cyclone shelters (Cyclone shelter cum Government Primary School) in the Project area.

2. Responsible, Implementing and Coordinating Organization

2-1. The organization responsible for the Project is the Local Government Division (LGD) under the Ministry of Local Government, Rural Development & Cooperatives (MLGRD&C).

2-2. The implementing organization of the Project is Local Government Engineering Department (LGED). The organization chart of MLGRD&C and LGED is shown in Annex 1.

2-3. In terms of executing proper operation and maintenance of the facilities as well as enhancing the effectiveness of the Project, LGED is responsible for coordination with the relevant ministries, agencies and development programme such as Economic Relations Division (ERD) in Ministry of Finance, Ministry of Primary & Mass Education (MoPME), Directorate of Primary Education (DPE).

2-4. Overall Coordination

Ministry of Food and Disaster Management (MoFDM) is responsible for overall and policy level coordination of the Project.

3. Project site (s)

The Bangladesh Side requested candidate sites in risky area of cyclone tidal surge in the following 4 districts.

- Pirojpur
- Patuakhali
- Barguna
- Bagerhat

The candidate sites list for construction is shown in Annex 2.

4. Items Requested by the Government of Bangladesh

After discussions with the Team, the items described in Annex 3 were requested by the Bangladesh side with their priorities.

JICA will assess the appropriateness of the request and will report the findings to the Government of Japan.

5. Japan's Grant Aid Scheme

5-1. The Bangladesh side understands the Japan's Grant Aid scheme for Disaster Prevention and Reconstruction described in Annex 4 explained by the Team.

5-2. Both sides confirmed that the Consultative Committee and Working Group of the Project will be established in order to realize proper and smooth execution of the Project. Tentative Project

Implementation Structure is shown in Annex 5.

The members of Consultative Committee are as follows.

- 1) Representative of Embassy of Japan
- 2) Representative of JICA Bangladesh Office
- 3) Representative of ERD
- 4) Representative of MoFDM
- 5) Representative of LGD under MLGRD&C
- 6) Representative of MoPME
- 7) Representative of LGED
- 8) Representative of the Procurement Agent

The members of Working Group are as follows.

- 1) Representative of LGED
- 2) Representative of the Procurement Agent
- 3) Representative of JICA Bangladesh Office

5-3. The Bangladesh side will take the necessary measures, as described in Annex 6, for smooth implementation of the Project, as a condition for the Japanese Grant Aid to be implemented.

6. Schedule of the Study

- 6-1. The consultants will proceed to further studies in Bangladesh until March 25, 2008.
- 6-2. JICA will prepare the draft report in English and dispatch a mission in order to explain its contents around the 2nd week of May, 2008.
- 6-3. JICA will prepare the Draft Tender Documents of the Project and dispatch a consultant team in order to explain its contents around 3rd week of June, 2008.
- 6-4. JICA will complete the Outline Design Study Report and the Draft Tender Documents of the Project by the end of July, 2008.

7. Other Relevant Issues

- 7-1. Both sides confirmed that the Japan's (Bilateral, Programme-Type) Grant Aid for Disaster Prevention and Reconstruction would be applied for the Project.
- 7-2. Both sides confirmed that the construction sites under the Project would be screened and selected in accordance with the procedure described in Annex 7.
- 7-3. Both sides confirmed that the following items requested on the application, which had been submitted in December, 2007, would not be covered by the Project.
 - 40 km of access road
 - Killa
- 7-4. Bangladesh side requested the Team to consider the possibility to provide cyclone shelters with a pump and a solar system.



7-4. Both sides confirmed that LGED is responsible for adjustments among the relevant ministries and agencies in order to get approval of the design of cyclone shelters which will be prepared by the Team.

7-5. The Bangladesh side shall submit the land secured documents for the candidate sites by March 20, 2008.

Annex 1: The organization chart of MLGRD&C and LGED

Annex 2: The candidate sites list for construction

Annex 3: Items requested by the Government of Bangladesh

Annex 4-1: Japan's Grant Aid Scheme Grant Aid for Disaster Prevention and Reconstruction

Annex 4-2: Flow of Funds for implementation under the Japan's Grant Aid for Disaster Prevention and Reconstruction

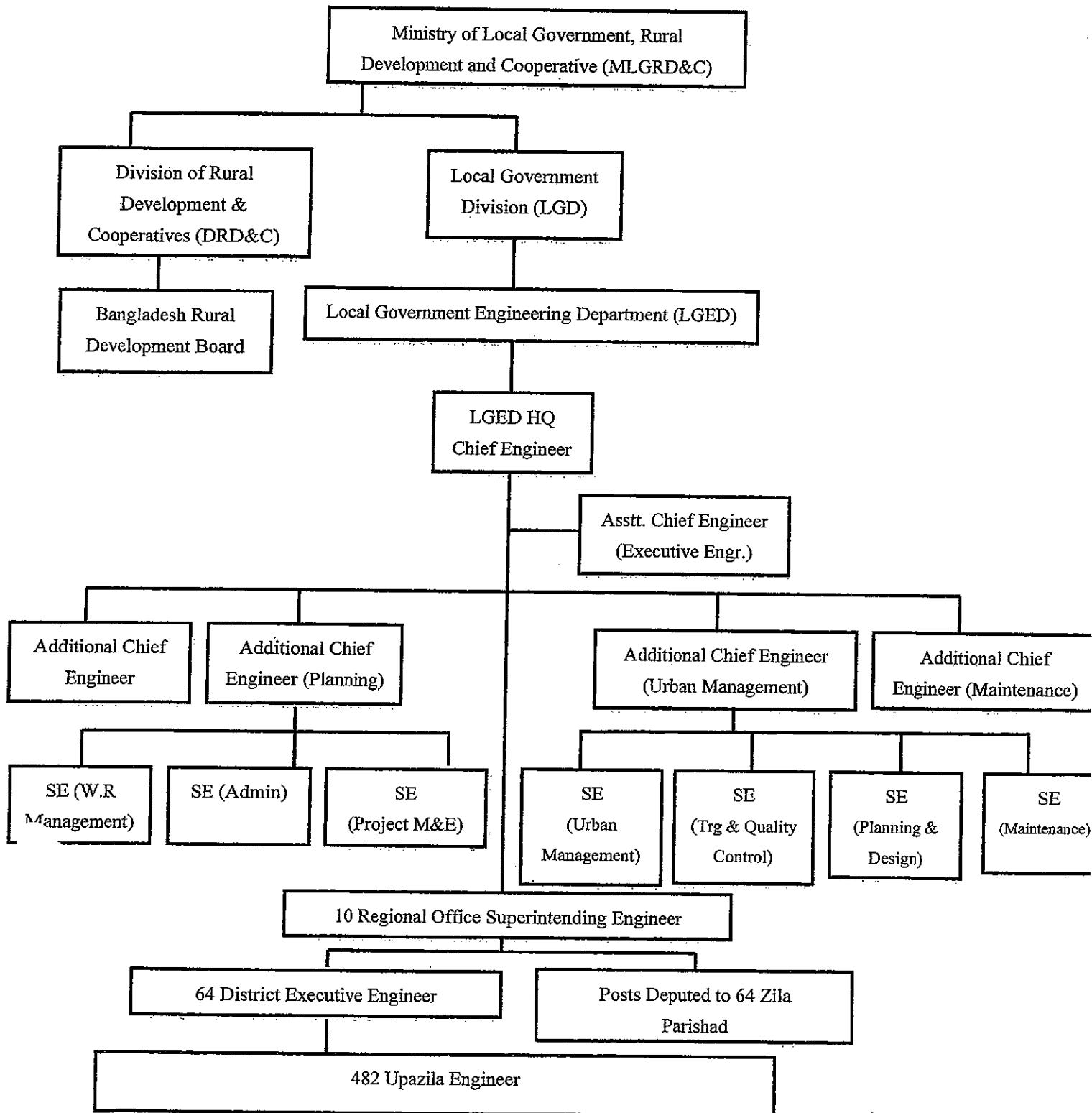
Annex 5: Chart of the Project Implementation Organization under the Japan's Grant Aid for Disaster Prevention and Reconstruction in Bangladesh

Annex 6: Major Undertakings to be taken by Each Government

Annex 7: Sites selection Procedure *b*

W , *SL* ✓

The Organization Chart of MLGRD&C and LGED



HQ Level Posts -----	: 146
Circle Level Posts -----	: 70
District Level Posts including those deputed to Zila Parishad --	: 1058
Upazila Level Posts -----	: 9046
Total Post -----	: 10320

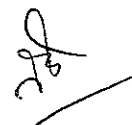
The Candidate Sites List for Construction

No	District	Upazila	Union	Code No.	Name of school	
1	A1	Pirojpur	Zianagar	Balipara	502031108	Badarpur Govt. Primary School
2	A2	Pirojpur	Zianagar	Balipara	502031106	Maddha Char Balashar Govt. Primary School
3	A3	Pirojpur	Zianagar	Balipara	502031111	Pachim Kolaron Govt. Primary School
4	A4	Pirojpur	Sadar	Kalakhali	502030403	Pantadubi-2 Govt. Primary School
5	A5	Pirojpur	Sadar	Kalakhali	502030407	Daudpur Chalpakuria Govt. Primary School
6	A6	Pirojpur	Sadar	Shariktala	502030608	Keshorota Govt. Primary School
7	A7	Pirojpur	Sadar	Sikdarmollik	502030106	Jugkhola Muria Govt. Primary School
8	A8	Pirojpur	Mathbaria	Gulisakhali	502050208	Kabaturkhali Govt. Primary School
9	A9	Pirojpur	Mathbaria	Shaplaza	502051105	Nali Charakgachia Govt. Primary School
10	A10	Pirojpur	Bhandaria	Telikhali	502040307	32 No. Harinpala-2 Govt. Primary School
11	A11	Pirojpur	Bhandaria	Bhandaria	502040606	72 No. Uttar Purbo Bhandaria Govt. Primary School
12	A12	Pirojpur	Kawkhali	Kawkhali	502010310	28 No. Choto Biraljuri Govt. Primary School
13	A13	Pirojpur	Kawkhali	Saina Ragunatpur	502010204	14 No. Maddha Sonakur Govt. Primary School
14	B1	Patuakhali	Galachipa	Amkhola	505020106	Algi Tafalbaria Govt. Primary School cum Cyclone Shelter.
15	B2	Patuakhali	Galachipa	Rangabali	505020604	Amlibari Govt. Primary School cum Cyclone Shelter.
16	B3	Patuakhali	Galachipa	Char Bishaws	505021404	Purbo Char Bishaws Govt. Primary School cum Cyclone Shelter.
17	B4	Patuakhali	Dosmina	Rongopaldi	505030401	Patarchar Govt. Primary School cum Cyclone Shelter
18	B5	Patuakhali	Mizagonj	Mazidbaria	505060109	Voyang Govt. Primary School cum Cyclone Shelter
19	B6	Patuakhali	Kolapara	Dhankhali	505010903	Uttar Debpur Govt. Primary School cum Cyclone Shelter
20	B7	Patuakhali	Kolapara	Dulasar	505010703	Charchapoli Govt. Primary School cum Cyclone Shelter
21	B8	Patuakhali	Kolapara	Khaprabangha	505010607	Maherpur Govt. Primary School cum Cyclone Shelter
22	B9	Patuakhali	Sadar	Chotobeghai	505041203	Mati Bhanga Govt. Primary School cum Cyclone Shelter
23	B10	Patuakhali	Bauphal	Konaskdia	505050206	49 No. Kolta Govt. Primary School cum Cyclone Shelter
24	B11	Patuakhali	Bauphal	Madonpura	505050305	65 No. Purba Madonpura Govt. Primary School cum Cyclone Shelter.

No		District	Upazila	Union	Code No.	Name of school
25	B12	Patuakhali	Bauphal	Nazirpur	505050913	Charrayshaeb Govt. Primary School cum Cyclone Shelter.
26	C1	Barguna	Betagi	Sarisamari	504050708	Gabtali Govt. Primary School
27	C2	Barguna	Patharghata	Patharghata Sader	504020709	27 No. Badurtala Govt. Primary School
28	C3	Barguna	Patharghata	Patharghata Sader	504020707	25 No. Simlatala Govt. Primary School
29	C4	Barguna	Patharghata	Kathaltoli	504020106	56 No. Burjukpur Govt. Primary School
30	C5	Barguna	Patharghata	Charduani	504020302	12 No. Sairabad Govt. Primary School
31	C6	Barguna	Sadar	Noltona	504031008	Nishanbaria Govt. Primary School
32	C7	Barguna	Sadar	M.Baliatoli	504030910	Sonbunia Govt. Primary School
33	C8	Barguna	Sadar	Noltona	504031003	Garjonbunia Govt. Primary School
34	C9	Barguna	Amtali	Borobogi	504010905	Sakhina Govt. Primary School
35	C10	Barguna	Amtali	Borobogi	504010901	Satonpara Govt. Primary School
36	C11	Barguna	Amtali	Pochakoirdin	504010806	Gabtali Govt. Primary School
37	C12	Barguna	Amtali	Arpangasia	504010205	Baliataia Govt. Primary School
38	C13	Barguna	Bamna	Ramna	504040306	Goalghata Govt. Primary School
39	D1	Bagerhat	Sharankhola	Khontakata	212090103	South Nalbunia Govt. Primary School
40	D2	Bagerhat	Sharankhola	Khontakata	212090105	B. Janerpar Govt. Primary School
41	D3	Bagerhat	Sharankhola	Dhansagor	212090104	B. Dhansagor Govt. Primary School
42	D4	Bagerhat	Morrelgonj	Putikhali	210070403	Sonakhali Govt. Primary School
43	D5	Bagerhat	Morrelgonj	Hoglabunia	210071006	80 No. B. Pathtamara Govt. Primary School
44	D6	Bagerhat	Morrelgonj	Ramchandrapur	210070202	31 No. Small Kumerkhali Govt. Primary School
45	D7	Bagerhat	Morrelgonj	Panchakaron	210070308	13 No. South Kharykhali Govt. Primary School
46	D8	Bagerhat	Sadar	Bemorta	210040210	Bergazalia Govt. Primary School
47	D9	Bagerhat	Sadar	Bemorta	210040202	Aurjunbahar Govt. Primary School
48	D10	Bagerhat	Mongla	Chandpai	210060203	Chandpai Govt. Primary School
49	D11	Bagerhat	Mongla	Mithakhali	210060306	Kasherdanga Govt. Primary School
50	D12	Bagerhat	Rampal	Vospatia	210080904	Dalipara Govt. Primary School

Items requested by the Government of Bangladesh

- Construction of multipurpose cyclone shelters (cyclone shelter cum primary school)
 - Classroom
 - Teacher's room with storage
 - Boys toilet and girls toilet
 - Rainwater cistern
 - Corridor and stairs
- Procurement of desks and chairs for pupils and teachers



JAPAN'S DISASTER PREVENTION AND RECONSTRUCTION GRANT AID (PROGRAM TYPE)

The Grant Aid Scheme provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) under principles in accordance with the relevant laws and regulations of Japan.. Grant Aid for Disaster Prevention and Reconstruction is a one of the several types of the scheme designed to assist disaster affected countries in disaster prevention and / or disaster reconstruction. The Grant Aid is not supplied through the donation of materials as such.

The scheme is divided into categories as follows;

- Grant Aid for Disaster Prevention (Project Type)
- Grant Aid for Disaster Prevention (Program Type)
- Grant Aid for Disaster Reconstruction (Project Type)
- Grant Aid for Disaster Reconstruction (Program Type)

1. Procedures of Grant Aid for Disaster Prevention and Reconstruction (Program Type)

Japan's Grant Aid for Disaster Prevention and Reconstruction (Program Type) is executed through the following procedures.

Application	(Request made by the recipient country)
Study	(Outline Design Study conducted by JICA)
Appraisal & Approval	(Appraisal by the Government of Japan and Approval by the Cabinet)
Determination of	(The Note exchanged between the Governments of Japan and recipient
Implementation	country)

Firstly, the application or request for a Grant Aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request. The request can be received at diplomatic mission of Japan when necessary.

Secondly, JICA conducts the study (Outline Design Study) using (a) Japanese consulting firm(s).


Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's Grant Aid Scheme, based on the Outline Design Study conducted by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes (E/N) signed by the Governments of Japan and the recipient country.

Finally, for the prompt and proper implementation of the project, procurement agent will be introduced for facility construction projects. Under the contract with the recipient country, the procurement agent will act on behalf of the recipient country to prepare tender, contract and so on.

2. Outline Design Study

(1) Contents of the study

The aim of the Outline Design Study (hereafter referred to as "the Study") conducted by JICA on a requested project (hereafter referred to as "the Project") is to provide a basic document necessary for the appraisal of the Project by the Government of Japan. The contents of the Study are as follows: 





- Confirmation of the background, objectives, and benefits of the Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation.
- Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic point of view.
- Confirmation of items agreed on by both parties concerning the basic concept of the Project.
- Preparation of a outline design of the Project.
- Estimation of costs of the Project.

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Outline Design of the Project is confirmed considering the guidelines of the Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

(2) Selection of Consultants

For smooth implementation of the Study, JICA uses (a) registered consulting firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms. The firm(s) selected carry(ies) out an Outline Design Study and write(s) a report, based upon terms of reference set by JICA.

3. Japan's Grant Aid for Disaster Prevention and Reconstruction Scheme

(1) Exchange of Notes (E/N)

Japan's Grant Aid for Disaster Prevention and Reconstruction is extended in accordance with the Notes exchanged by the two Governments concerned, in which the objectives of the Project, period of execution, conditions and amount of the Grant Aid, etc., are confirmed.

(2) Contract with Procurement Agent

The recipient country will conclude an Agent Agreement with the designated Procurement Agent in order to secure smooth implementation of the Project.

(3) "The period of the Grant Aid for Disaster Prevention and Reconstruction (Program Type)" means the one fiscal year, which the Cabinet approves, the Project for. Within the fiscal year, all procedures such as exchanging of the Notes, concluding contracts with (a) consultant firm(s) and (a) contractor(s) and final payment to them must be completed. However, in case of delays in delivery, installation or construction due to unforeseen factors such as national disaster, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two Governments.

(4) Under the Grant Aid for Disaster Prevention and Reconstruction, in principle, products and services including transport or those can be purchased from all countries and areas.

(5) Necessity of "Verification"

The Government of recipient country or its designated authority will conclude contracts denominated in Japanese yen with procurement agent. Those contracts shall be verified by the Government of Japan. This "Verification" is deemed necessary to secure accountability to Japanese taxpayers.

(6) Undertakings required of the Government of the Recipient Country

In the implementation of the Grant Aid Project, the recipient country is required to undertake such necessary measures as the following:

- a) To use the Grant and its accrued interest for purchasing products and services within a period of twelve months after the date of execution of the Grant,
- b) To ensure prompt excursion for unloading, customs clearance at the port of disembarkation and

- internal transportation of the products purchased under the Grant Aid,
- c) To exempt from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,
 - d) To use the Grant and its accrued interest properly and efficiency for disaster prevention and reconstruction.
 - e) To accord Japanese or other nationals, whose services may be required in connection with the supply of the products and services under the Verified contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work,
 - f) To present to the Government of Japan a report prepared in written form acceptable to the Government of Japan on the transactions on the Account together with copies of contracts, vouchers and other documents concerning the relevant transactions without delay when the Grant and its accrued interest are completely drawn or when the period for the use of the Grant and its accrued interest expires or upon request by the Government of Japan,
 - g) To secure land necessary for the sites of the Project and to clear, level and reclaim the land prior to commencement of the construction and
 - h) To clear the sites and provide facilities for the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites when they are deemed necessary for the Project as a result of the Study.

(7) "Proper Use"

The recipient country is required to maintain and use the facilities constructed and the equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for this operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.

(8) "Re-export"

The products purchased under the Grant Aid should not be re-exported from the recipient country.

(9) Banking Arrangements (B/A)

The Government of the recipient country or its designated authority should open an account in the name of the Government of the recipient country in a bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payment in Japanese yen to cover the obligations incurred by the Government of the recipient country or its designated authority under the verified contracts.

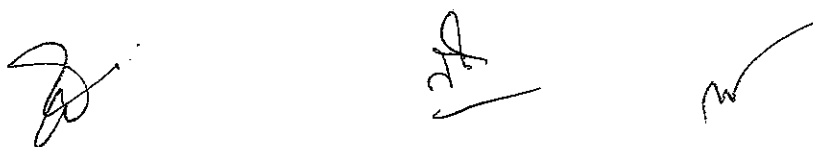
(10) Blanket Disbursement Authorization (BDA)

By issuing the "Blanket Disbursement Authorization (BDA)" by the Government of the recipient country to the Bank, the Government of the recipient country designates a procurement agent as the representative authorized to act in the name of the recipient country concerning all transfers of the Grant to an account in the name of the procurement agent.

(11) Payment

The procurement agent shall make payment requests for transferring of the Grant to cover expenses necessary for the procurement of products and services.

(End)



Role of JICA and Procurement Agent for the Project

In order to ensure the smooth and successful implementation of the Project after the Government of Japan decides to implement the Project and the Exchange of Notes (hereinafter referred to as "the E/N") for the Project is signed, the role and arrangements of JICA and Procurement Agent will be as follows. The demarcation of both organizations is shown in the chart attached.

1. Role of JICA:

JICA carries out the following works for supporting and expediting proper implementation of the Project under the E/N;

- (1) Conducting Outline Design Study to give an outline design, to estimate approximate cost of the Project to be implemented under the E/N, to draft tender document and to propose construction plans for the Project to be implemented under the E/N.
- (2) Participating as an advisor to the Donor and the Recipient in the Consultative Committee and other related meetings, to report the progress of the Outline Design Study and to support and expedite the implementation of the Project under the E/N.
- (3) Dispatching delegations to project sites to observe the situation and to give necessary advice to Procurement Agent.
- (4) Joining the final inspection to be implemented by Procurement Agent to give necessary advice to Procurement Agent.

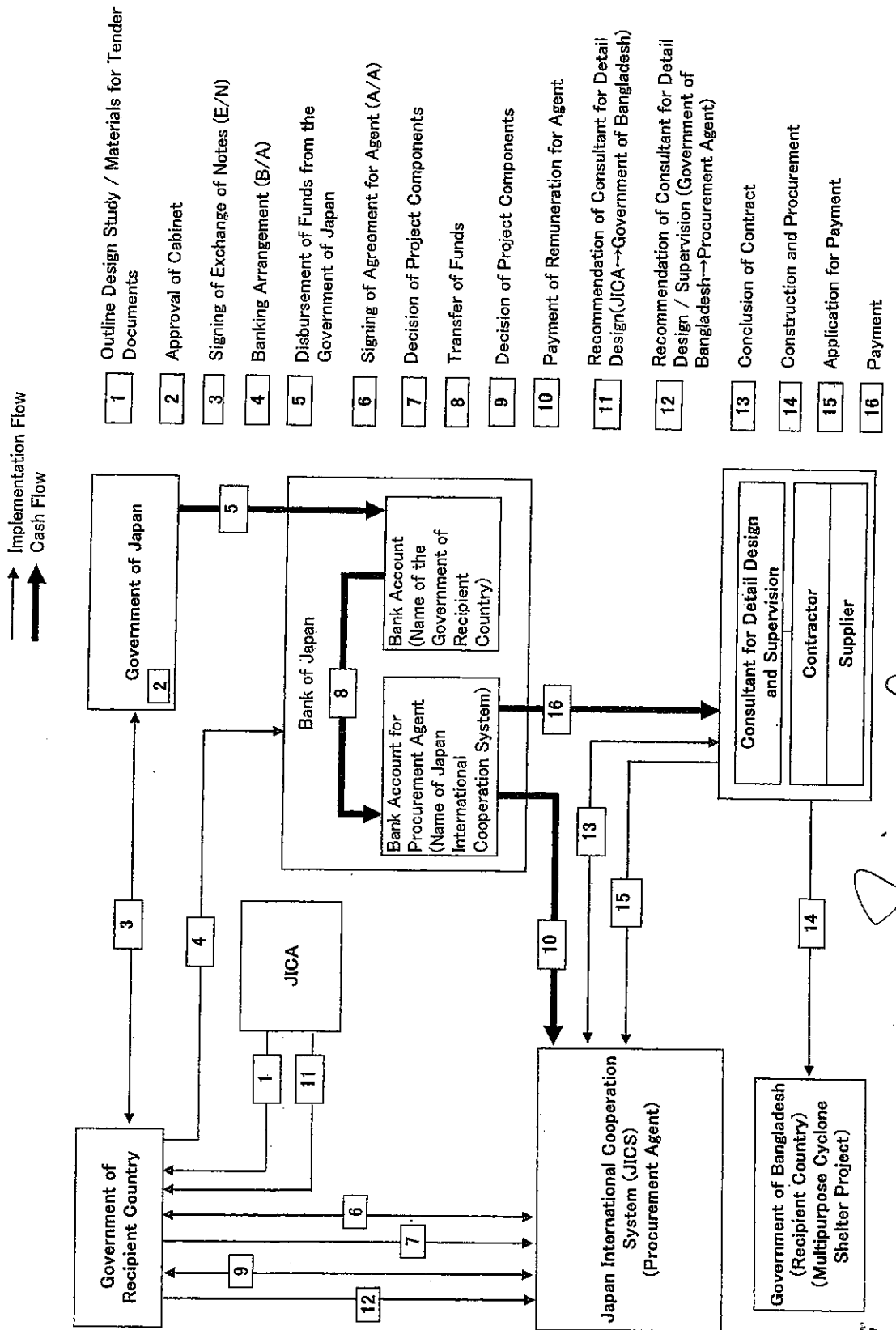
2. Role of Procurement Agent:

Procurement Agent carries out the following works besides the scope of Agent's service for the implementation of the project under the E/N;

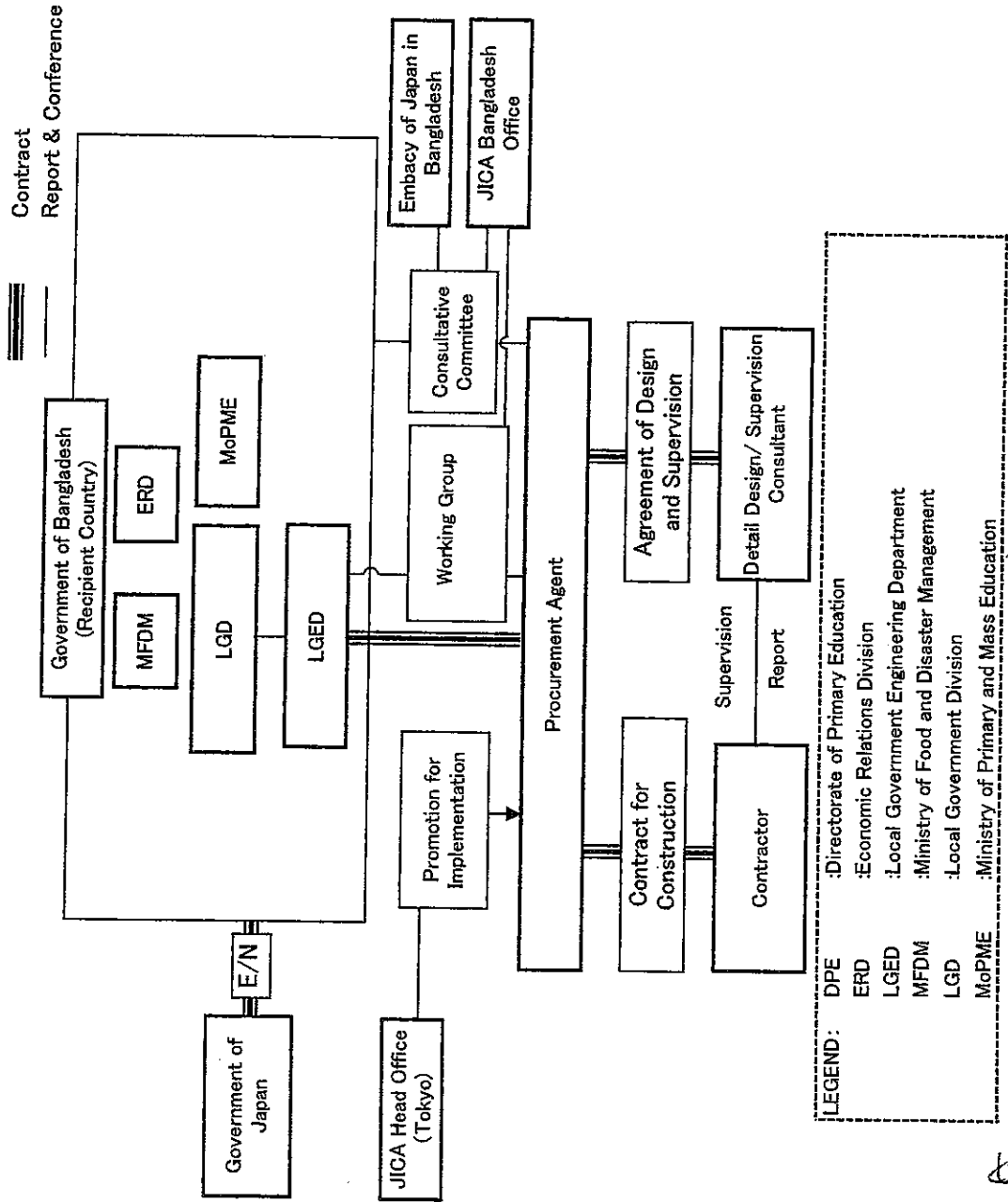
- (1) Examining the approximate calculation of the cost of the Project, draft of tender document for the Project, and other relevant documents and information drafted by JICA and furnished by the recipient, for the proper execution of the procurement procedures for the Project under the E/N.
- (2) Forwarding the results of tender evaluation to JICA for its information.
- (3) Consulting with JICA when necessary in the course of the Project implementation.



FLOW OF FUNDS FOR IMPLEMENTATION UNDER THE JAPAN'S GRANT AID FOR DISASTER PREVENTION AND RECONSTRUCTION



TENTATIVE PROJECT IMPLEMENTATION STRUCTURE



[Handwritten signature and initials]

Major Undertaking to be Taken by Each Government

No.	Items	To be covered by Grant Aid	To be covered by Recipient Side
1	To secure land		●
2	To clear, level and reclaim the site when needed	◆	●
3	To construct gates and fences in and around the site		●
4	To construct the parking lot (within the site if incidental)	*	
5	To construct roads		
	1) Within the site	*	
	2) Outside the site		●
6	To construct the buildings	●	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity		
	a. The distributing line to the site		●
	b. The drop wiring and internal wiring within the site	*	
	c. The main circuit breaker and transformer	*	
	2) Water Supply		
	a. The city water distribution main to the site		●
	b. The supply system within the site (receiving and elevated tanks)	*	
	3) Drainage		
	a. The city drainage main (for storm, sewer and others to the site)		●
	b. The drainage system (for toilet sewer, storm drainage and others) within the site	●	
	4) Furniture and Equipment		
	a. General furniture		●
	b. Project equipment (desks/chairs for students and teachers)	●	
8	To bear the payment commissions to the Japanese bank for banking services based upon the B/A		●
9	To ensure unloading and customs clearance at port of disembarkation in recipient country		
	1) Marine (Air) transportation of the products from Japan the recipient	●	
	2) Tax exemption and custom clearance of the products at the port of disembarkation		●
	3) Internal transportation from the port of disembarkation to the project site	*	●
10	To accord Japanese nationals whose service may be required in connection with the supply of the products and the services under the verified contract, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.		●
11	To bear customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts		●
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid		●
13	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for construction of the facilities as well as for the transportation and installation of the equipment		●

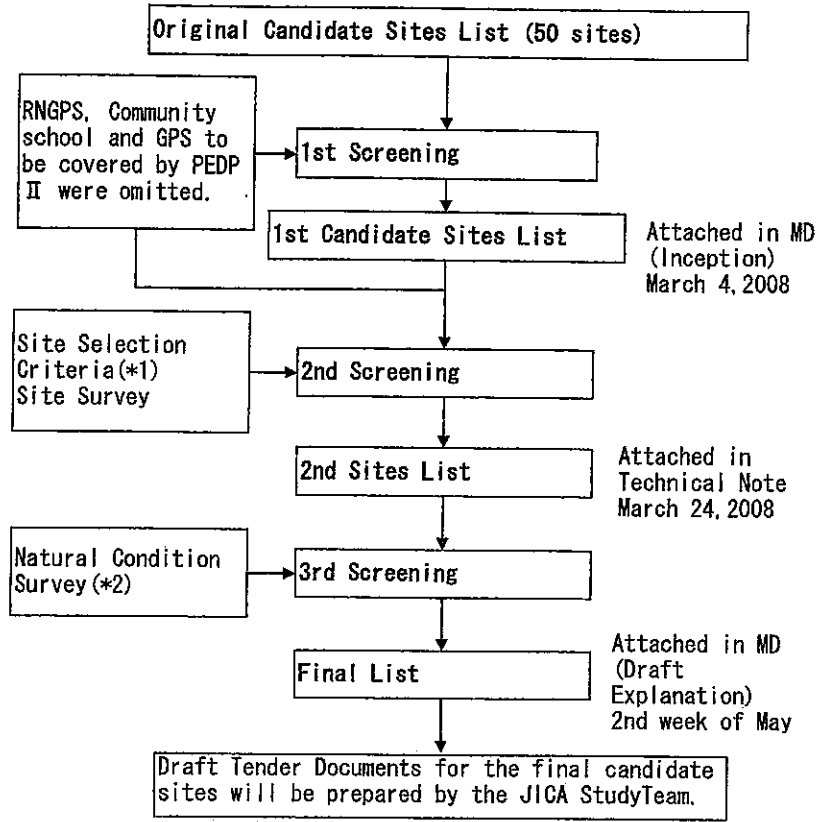
(B/A: Banking Arrangement)

*: "Site" means the demarcated area for construction on the Project.

◆: Conditions and demarcation shall be studied and discussed, including demolition/removal of existing buildings.

*: Not applicable

Site Selection Procedure



*1: Site Selection Criteria

1.	The site shall be the site of a government primary school which is managed by the central government.
2.	The site shall be located in the cyclone affected area.
3.	The site shall not have a solid building or hill of sufficient size and height to provide a reliable evacuation site within a 1.5km radius of the site.
4.	The site shall have a sufficient land area for the construction of a multipurpose cyclone shelter and the central government shall have secured land ownership of the site.
5.	It is highly unlikely that the site will be eroded by a change of the river course. (*See A).
6.	The site shall not be associated with a similar project or plan of the Government of Bangladesh or a foreign aid organization or a donor country for cyclone shelter construction.
7.	The site shall allow access by vehicle or boat for the transportation of construction materials to the site.
8.	The site shall have an operating primary school with teachers, administrative staff and students and it is judged that the facilities to be newly constructed will be fully used as primary school facilities during normal times.
9.	The site shall already have a school management committee (SMC) capable of maintaining the new facilities and equipment.
10.	There is a killa (*See B) near the site or it is possible to construct a killa near the site according to the needs of the inhabitants by Bangladesh side.

A: LGED and the Study Team will collaborate to study the risky site of erosion to be excluded.

B: A killa is mounding area for the temporary evacuation of livestock, etc. at the time of a cyclone.

*2: Natural Condition Survey

- Topographic survey
- Soil investigation

Technical Notes
on
the Outline Design Study
on the Project for
Construction of Multipurpose Cyclone Shelters in the Cyclone Sidr affected area
in the People's Republic of Bangladesh

The Government of Japan decided to conduct a Outline Design Study on the Project for Construction of Multipurpose Cyclone Shelters in the Cyclone Sidr affected area (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to the People's Republic of Bangladesh (hereinafter referred to as "Bangladesh") the Outline Design Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Hideya Kobayashi, Chief, Education and Vocational Training Team, Project Management Group II, Grant Aid Management Department, and the consultant team have continued the study from February 25 to March 24.

The Team held discussions with the officials concerned of the Government of Bangladesh (GOB) and conducted a field survey at the study area. In the course of discussions and field survey, both parties confirmed the main items described on the attachments. The Team will proceed to further works and prepare the Outline Design Study Report.

Dhaka, March 24, 2008



Mr. Naoyuki Minami
Chief Consultant
Outline Design Study Team
Japan International Cooperation Agency



Mr. Md. Wahidur Rahman
Additional Chief Engineer
LGED

ATTACHMENT

1. Sites for further study

The proposed 50 sites have been screened to 38 sites for further study through site survey according to the following site selection criteria. The location is shown in Annex-1 and the list of the conditions of the sites is shown in Annex-2.

Site Selection Criteria

No.	Site Selection Criteria	Preliminary Survey Result
1.	The site shall be the site of a government primary school (GPS) which is managed by the central government.	All sites are GPS.
2.	The site shall be located in the cyclone affected area.	Project four districts are in the cyclone affected area.
3.	The site shall not have a solid building or hill of sufficient size and height to provide a reliable evacuation site within a 1.5km radius of the site.	There exists a cyclone shelter or solid 2 storey public building near the site in some sites.
4.	The site shall have a sufficient land area for the construction of a multipurpose cyclone shelter and the central government shall have secured land ownership of the site.	Some sites are too small to construct a cyclone shelter.
5.	It is highly unlikely that the site will be eroded by a change of the river course.	Most sites have low risk of erosion.
6.	The site shall not be associated with a similar project or plan of the Government of Bangladesh or a foreign aid organization or a donor country for cyclone shelter construction.	No similar project.
7.	The site shall allow access by vehicle or boat for the transportation of construction materials to the site.	Access to most sites is bad by motorbike or boat. Manual transport and construction will be required. As a matter of practice, this criterion will be neglected.
8.	The site shall have an operating primary school with teachers, administrative staff and students and it is judged that the facilities to be newly constructed will be fully used as primary school facilities during normal times.	The sites have an operating primary school with teachers, administrative staff and students.
9.	The site shall already have a school management committee (SMC) capable of maintaining the new facilities and equipment.	The sites have a school management committee (SMC)
10.	There is a killa near the site or it is possible to construct a killa near the site according to the needs of the inhabitants by Bangladesh side.	Killa will be prepared according to the needs of the inhabitants by Bangladesh side.

The critical criteria were the above No.3 and No.4. Accordingly twelve sites were removed.

2. Project Components

Project components are as follows:

- Construction of multipurpose cyclone shelters (cyclone shelter cum primary school)
 - Classroom
 - Teachers' room
 - Storage
 - Boys toilet and girls toilet (One large toilet booth for the disabled with a helper, not for wheelchair)
 - Corridor and stairs
 - Rainwater cistern

- Procurement of desks and chairs for students and teachers

Deep tube well with No.6 pump will be installed on the ground floor level at the site where deep aquifer is confirmed by DPHE and there is no deep tube well at present.

Electricity and solar system will not be installed in this project.

The preliminary plan of the multipurpose cyclone shelter is shown in Annex-3.

3. Responsibility by each party

Responsibility by each party is shown in Annex-4.

4. Necessary procedure for land utilization and demolition

Bangladesh side confirmed that official procedure for land utilization and demolition at the site shall be secured in advance to the construction work.

5. Supervision

Both sides confirmed that the construction supervision shall be carried out in collaboration with both sides.

During construction period, monthly meetings shall be held in attendance with LGED Executive Engineer on district level, the consultant of the Procurement Agent and contractors, and weekly meetings shall be held in attendance with LGED Upazila Engineer or his representative, the assistant engineer of the consultant of the Procurement Agent and contractors.

Local LGED Engineers including assistants will visit the construction sites of the project frequently but not less than twice a week.

6. Maintenance and operation

Bangladesh side confirmed that the constructed multipurpose cyclone shelter shall be properly maintained and operated as government primary school and shall be used as a shelter at the time of disaster, with allocation of the teachers and budget.

7. Tax

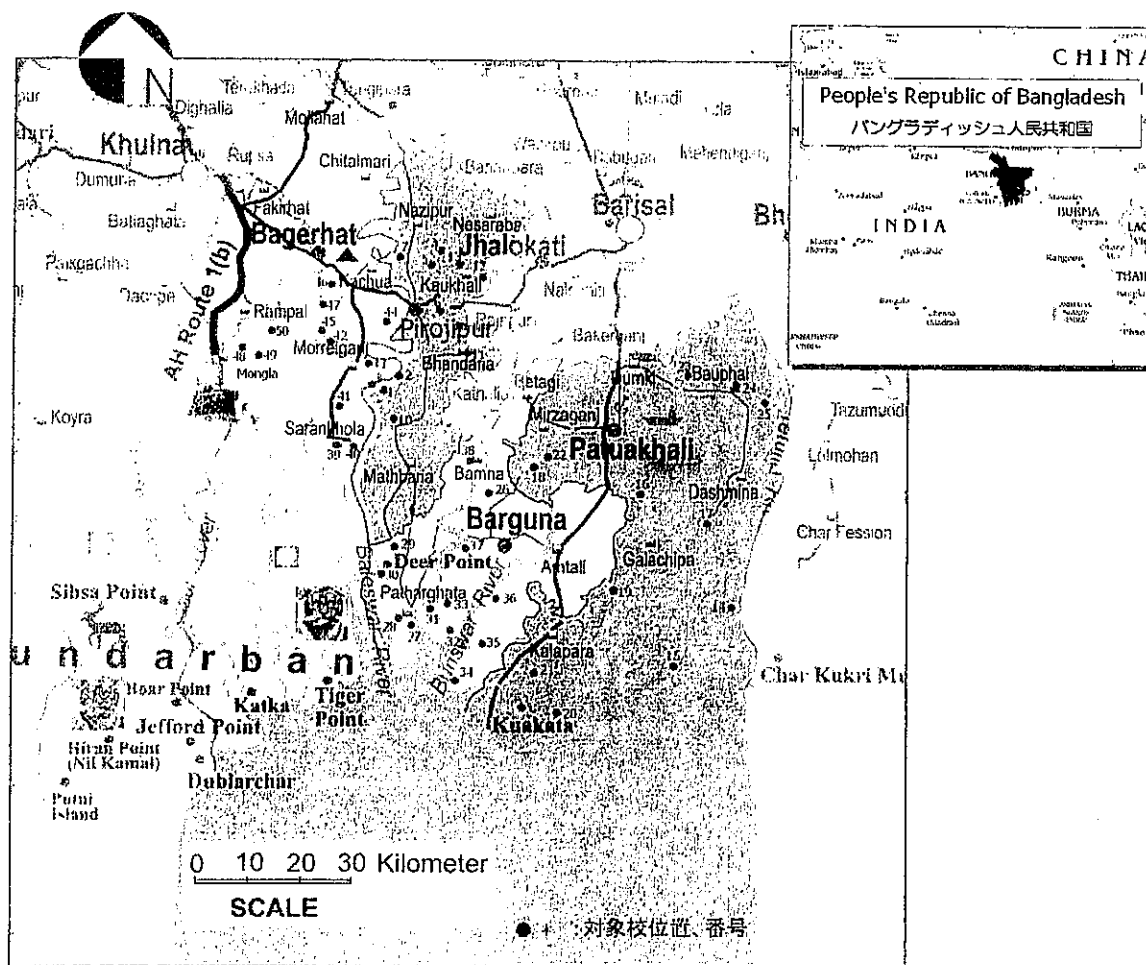
Bangladesh side confirmed that Bangladesh tax shall be borne by Bangladesh side, from the Project GOB portion.

8. Coordination

Both sides confirmed that LGED is responsible for coordination among the relevant ministries and agencies for smooth implementation of the project.

Annex 1:	Location of Study Area and Study Sites
Annex 2:	Condition of Study Sites
Annex 3:	Preliminary plan of the multipurpose cyclone shelter
Annex 4:	Major Undertaking to be Taken by Each Government

Location of Study Area and Study Sites



Pirojpur/ピロジプур

No.	Name of school / 学校名
A1	Badarpur Govt. Primary School / ボドルプур小学校
A2	Maddha Char Balashar G.P.S. / モッドチャルボレッシュル小学校
A3	Pachim Kolaron G.P.S. / ポスティムコロン小学校
A4	Pantadubi-2 G.P.S. / パンタドゥビ小学校
A5	Daudpur Chalokuria G.P.S. / タウプурチャルクリア小学校
A6	Keshorota G.P.S. / ケッシュオロタ
A7	Jugkhola Muria G.P.S. / ジュックラムリア小学校
A8	Kabaturkhali G.P.S. / コプトルカリ小学校
A9	Nal Charakgachia G.P.S. / ナリチャロガシヤ小学校
A10	32 No. Harinola-2 G.P.S. / ハリン/ラー-2小学校
A11	72 No. Uttar Purbo Bhandaria G.P.S. / ウットルプурボバन्दリア小学校
A12	28 No. Choto Bhaljuri G.P.S. / チョトビラルジュリ小学校
A13	14 No. Maddha Sonakur G.P.S. / モッドジョナクル小学校

Barguna/ボルグナ

No.	Name of school / 学校名
C1	Gabtal G.P.S. / ガブトリ小学校
C2	27 No. Badurtala G.P.S. / バトルトラ小学校
C3	25 No. Simlatala G.P.S. / シムラタラ小学校
C4	56 No. Burjukour G.P.S. / ブルジュプур小学校
C5	12 No. Sairabad G.P.S. / ライラバ小学校
C6	Nishanbaria G.P.S. / ニシャンバラ小学校
C7	Sonburia G.P.S. / ソンブリア小学校
C8	Garjonburia G.P.S. / ガルジョンブリア小学校
C9	Sakhna G.P.S. / ソキヤ小学校
C10	Satonpara G.P.S. / サトンバラ小学校
C11	Gabtal G.P.S. / ガブトリ小学校
C12	Balatala G.P.S. / バリアタラ小学校
C13	Goleghata G.P.S. / ゴラガタ小学校

Patuakhali/ポトアカリ

No.	Name of school / 学校名
B1	Alig Tafalbaria G.P.S. / アルギタフバルバリア小学校
B2	Amilbari G.P.S. / アムリバリ小学校
B3	Purbo Char Bishaws G.P.S. / プルボチャルビッシュヤ小学校
B4	Patarchar G.P.S. / パタルチャル小学校
B5	Voyang G.P.S. / ボヤング小学校
B6	Uttar Debbur G.P.S. / ウットルデップル小学校
B7	Charchapoli G.P.S. / チャルチャポリ小学校
B8	Maherpur G.P.S. / マヘルプур小学校
B9	Mati Bhangra G.P.S. / マティバンガ小学校
B10	49 No. Koita G.P.S. / コルタ小学校
B11	65 No. Purba Madonpura G.P.S. / プルバマドンプラ小学校
B12	Purba Kalaya G.P.S. / プルバカラヤ小学校

Bagerhat/バゲルハット

No.	Name of school / 学校名
D1	South Naiburia G.P.S. / ドッケンノルブリア小学校
D2	B. Janerpar G.P.S. / ジャネルパール小学校
D3	B. Dhansagar G.P.S. / ダンサゴール小学校
D4	Sonakhali G.P.S. / ショアカリ小学校
D5	80 No. B. Patnamara G.P.S. / パタマラ小学校
D6	31 No. Small Kumerkhal G.P.S. / チョトクマルカリ小学校
D7	13 No. South Kharykhal G.P.S. / ドッケンカロイカリ小学校
D8	Bergazalia G.P.S. / バルガザリア小学校
D9	Aurjunbahr G.P.S. / オルジュンバハル小学校
D10	Chandpai G.P.S. / チャンパイ小学校
D11	Kasherdanga G.P.S. / カッセルダンガ小学校
D12	Dalipara G.P.S. / ダルバラ小学校

■ 選定サイト

LOCATION MAP OF STUDY SITES
本計画地対象地位置図

Condition of Study Sites / Result of Site Survey

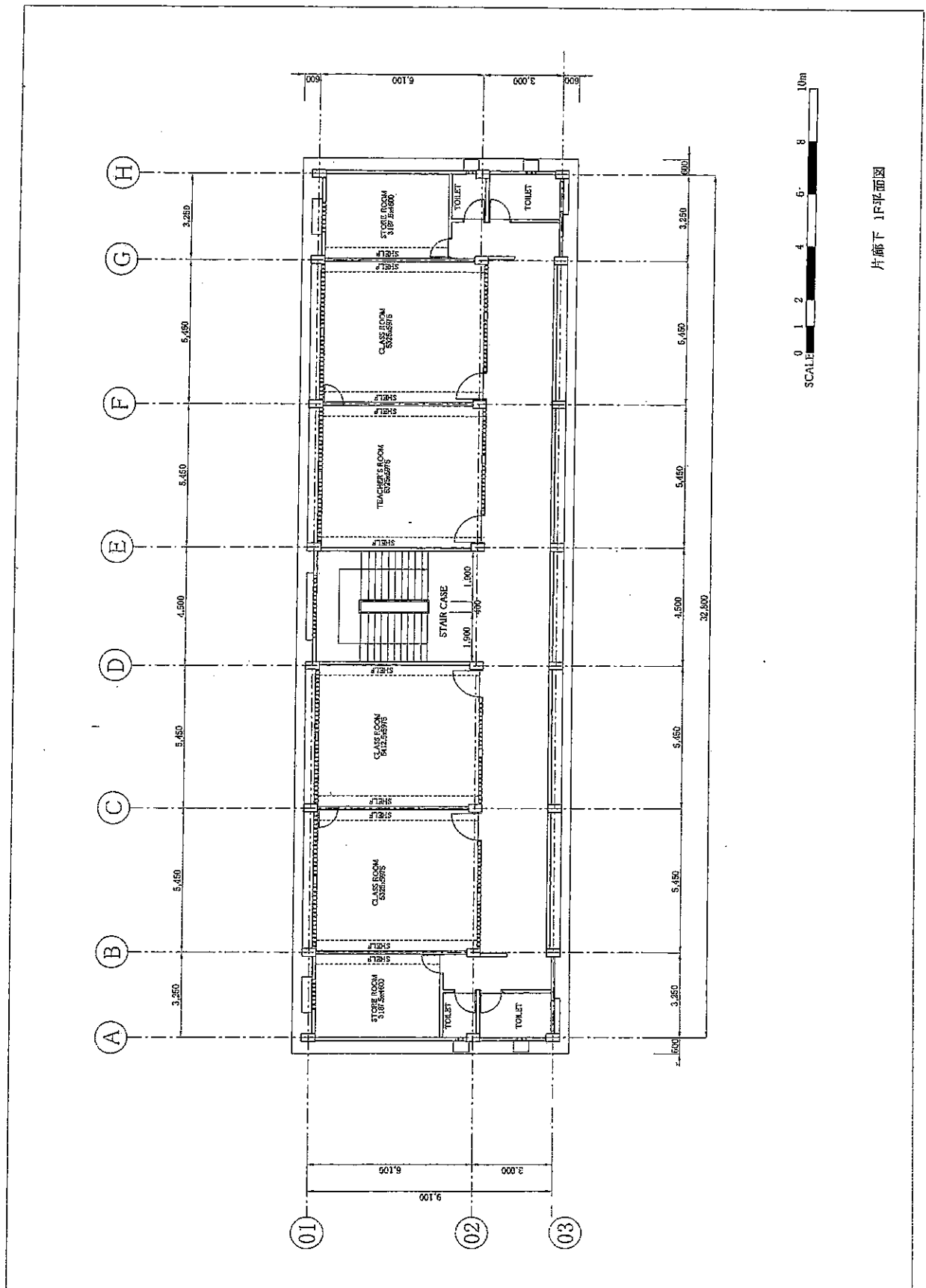
No.	Name of School	District			Population	Existing Cyclone Shelter cum School in site	Solid public 2 story building (1.5km radius)	No. of student	No. of student incl. kindergarten	No. of casualties by Cyclone Sidr	Tidal surge height of Cyclone Sidr	Usual flood level	No. of Livestock radius of 1.5km	Risk of erosion	Proper area for construction *	Construction Plan Type			Preliminary Evaluation	Evaluation Remarks (Standard 40m x 14m or 38 x 16m)
		Upazila	Union	No.												3 class long Type Plan	3 class middle corridor Type Plan	No sufficient land		
1	A1 Pirojpur	Zianagar	Balipara	502031108	Badarpur Govt. Primary School	2,500	No	No	102	135	19	4.2	0.8	1,000	No	○	○	○	○	
2	A2 Pirojpur	Zianagar	Balipara	502031108	Maddha Char Balashar Govt. Primary School	1,500	No	No	93	118	5	4.2	0.9	2,000	No	○	○	○	○	Demolition required (classroom, toilet)
3	A3 Pirojpur	Zianagar	Balipara	502031111	Pachim Kolaron Govt. Primary School	3,000	No	No	130	147	0	4.6	1.2	1,050	No	○	○	○	○	
4	A4 Pirojpur	Sadar	Kalakhali	502030403	Pantadubi-2 Govt. Primary School	3,000	No	No	75	97	1	1.7	0.5	3,200	No	×	○	○	×	Land too narrow
5	A5 Pirojpur	Sadar	Kalakhali	502030407	Daudpur Chalpakuria Govt. Primary School	3,000	No	No	75	88	2	3.0	0.6	2,000	No	○	○	○	○	
6	A6 Pirojpur	Sadar	Sharikatala	502030608	Keshorota Govt. Primary School	4,000	No	No	108	120	2	4.5	1.2	2,000	No	○	○	○	○	Demolition required
7	A7 Pirojpur	Sadar	Sikdar mollah	502030106	Jugkhola Muria Govt. Primary School	3,000	No	No	77	92	12	3.0	0.9	4,000	No	○	○	○	○	
8	A8 Pirojpur	Mathbaria	Gulisakhali	502050208	Kabatarkhali Govt. Primary School	5,000	No	No	115	143	12	3.0	0.6	3,000	No	○	○	○	○	Demolition required
9	A9 Pirojpur	Mathbaria	Shapla	502051105	Nali Charakgaehia Govt. Primary School	9,000	No	No	83	100	7	2.0	0.3	12,000	No	○	○	○	○	
10	A10 Pirojpur	Bhandaria	Telikhali	502040307	32 No Harinpala-2 Govt. Primary School	5,500	Y	No	230	285	55	3.6	0.3	5,000	No	○	○	○	×	Existing shelter
11	A11 Pirojpur	Bhandaria	Bhandaria	502040606	72 No Uttar Purbo Bhandaria Govt. Primary School	1,500	No	No	154	184	0	4.6	0.6	16,000	No	△	○	○	○	
12	A12 Pirojpur	Kawkhali	Kawkhali	502010310	28 No Choto Birajuri Govt. Primary School	20,000	No	No	80	92	0	3.0	0.3	12,000	No	○	○	○	○	
13	A13 Pirojpur	Kawkhali	Amrajuri	502010204	14 No Maddha Sonakur Govt. Primary School	10,000	No	No	168	202	1	3.6	0.4	8,000	No	○	○	○	○	
14	B1 Patuakhali	Galachipa	Char Montaz	505020106	Algi Tefalbaria Govt. Primary School cum Cyclone Shelter	4,000	No	No	270	—	0	1.5	0.3	2,000	No	○	○	○	○	demolition required
15	B2 Patuakhali	Galachipa	Uttor Char (Kajol)	505020604	Ambari Govt. Primary School cum Cyclone Shelter	6,000	No	No	115	—	3	2.7	0.4	6,000	No	△	○	○	○	
16	B3 Patuakhali	Galachipa	Char Bishaws	505021404	Purbo Char Bishaws Govt. Primary School cum Cyclone Shelter	5,000	No	No	180	—	0	2.6	0.4	4,000	No	○	○	○	○	
17	B4 Patuakhali	Dosminara	Rongopaldi	505030401	Patarchar Govt. Primary School cum Cyclone Shelter	12,000	No	No	118	—	6	2.0	0.3	6,000	No	○	○	○	○	
18	B5 Patuakhali	Mizogari	Muzidbaria	505060109	Voyang Govt. Primary School cum Cyclone Shelter	15,000	No	Y	250	—	4	2.5	0.4	12,000	No	○	○	○	×	Existing solid public 2 storey building
19	B6 Patuakhali	Kolapara	Dhankhali	505010903	Uttar Debpur Govt. Primary School cum Cyclone Shelter	5,000	No	No	105	—	0	2.7	0.3	8,000	No	○	○	○	○	
20	B7 Patuakhali	Kolapara	Dulasa	505010703	Charchapoli Govt. Primary School cum Cyclone Shelter	8,000	Y damaged	No	219	—	6	2.6	0.4	7,000	No	○	○	○	×	Existing shelter
21	B8 Patuakhali	Kolapara	Khaprabangha	505010907	Maherpur Govt. Primary School cum Cyclone Shelter	7,000	No	No	200	—	1	2.6	0.5	4,500	No	○	○	○	○	demolition required
22	B9 Patuakhali	Sadar	Chotobeghai	505041203	Mati Bhangra Govt. Primary School cum Cyclone Shelter	8,000	No	No	265	—	35	2.2	0.3	4,000	No	○	○	○	○	Middle corridor type
23	B10 Patuakhali	Bauphal	Konaskadia	505050206	49 No. Koita Govt. Primary School cum Cyclone Shelter	12,000	No	No	163	—	4	2.0	0.5	15,000	No	○	○	○	○	
24	B11 Patuakhali	Bauphal	Dulia	505050305	65 No. Purba Madonpura Govt. Primary School cum Cyclone Shelter	15,000	No	No	290	—	3	2.5	0.3	25,000	No	○	○	○	○	
25	B12 Patuakhali	Bauphal	Kalaiya	505050602	Purba Kalaiya Govt. Primary School cum Cyclone Shelter	12,000	No	No	374	—	50	2.7	0.3	5,000	No	○	○	○	○	

* Legend for "Proper area" : ○ : Located in the playground △ : Located in the field (small bearing capacity) × : Insufficient area

			District		Population	Existing Cyclone Shelter cum School in site	Solid public 2 story building (1.5km radius)	No. of student	No. of struden inc. kindergartent	No. of casualties by Cyclone Sidr	Total surge height of Cyclone Sidr	Usual flood level	No. of Livestock radius of 1.5km	Risk of erosion	Proper area for construction *	Construction Plan Type			Preliminary Evaluation	Evaluation Remarks (Standard 40m x 14m or 38 x 16m)	
			Upazila													3 class long Type Plan	3 class Middle corridor Type Plan	No sufficient land			
			Union																		
			No.	Name of School																	
26	C1	Barguna	Betagi	Sarismari	504050708	Gabtal Govt. Primary School	5,000	No	No	190	202	5	1.5	0.3	2,000	No	○	○	○	○	
27	C2	Barguna	Patharghata	Patharghata Sader	504020709	27 No. Badurtala Govt. Primary School	6,000	No	No	181	221	9	2.5	0.3	4,000	No	○	○	○	○	
28	C3	Barguna	Patharghata	Patharghata Sader	504020707	25 No. Simlatala Govt. Primary School	3,000	No	1 story	91	119	30	2.0	0.5	2,500	No	△	○	○	○	Existing solid public building
29	C4	Barguna	Patharghata	Kathalioli	504020106	56 No. Burjukpur Govt. Primary School	3,500	No	No	121	146	7	1.8	0.4	3,000	No	○	○	○	○	
30	C5	Barguna	Patharghata	Charduan	504020302	12 No. Sairabad Govt. Primary School	12,000	No	No	157	187	12	1.8	0.5	1,500	No	△	○	○	○	
31	C6	Barguna	Sadar	Noltona	504031008	Nishanbaria Govt. Primary School	2,000	No	No	119	138	60	3.0	0.4	3,000	No	○	○	○	○	Middle corridor type
32	C7	Barguna	Sadar	M.Balaitoli	504030910	Senbunia Govt. Primary School	2,300	No	No	190	232	110	3.1	0.3	2,500	No	○	○	○	○	
33	C8	Barguna	Sadar	Noltona	504031003	Gajonbunia Govt. Primary School	2,400	No	1 story	207	247	21	2.5	0.4	3,000	No	○	○	○	○	Existing solid public building
34	C9	Barguna	Amtali	Borobogi	504010905	Sakhina Govt. Primary School	2,050	Y	No	301	336	200	3.1	0.6	2,000	No	○	○	○	○	Large shortage of shelter and classroom
35	C10	Barguna	Amtali	Borobogi	504010901	Satonpara Govt. Primary School	8,000	No	Y	441	481	44	1.8	0.6	6,000	No	○	○	○	○	Large shortage of shelter and classroom
36	C11	Barguna	Amtali	Pochakoidin	504010808	Gabtal Govt. Primary School	3,000	No	No	192	242	14	1.9	0.3	3,800	No	○	○	○	○	
37	C12	Barguna	Amtali	Arpangasia	504010205	Balitata Govt. Primary School	2,109	No	No	224	294	14	3.0	0.4	1,500	No	△	○	○	○	
38	C13	Barguna	Bamna	Ramna	504040306	Gadaghata Govt. Primary School	2,400	No	No	191	235	0	1.9	0.5	3,000	No	○	○	○	○	
39	D1	Bagerhat	Sharankhola	Khontakata	212090103	South Nalbania Govt. Primary School	650	Y	No	60	—	0	1.2	0.6	10,500	No	△	○	○	○	Existing shelter
40	D2	Bagerhat	Sharankhola	Khontakata	212090105	B. Janerpar Govt. Primary School	4,000	Y	No	102	—	5	1.8	0.9	7,500	No	○	○	○	○	Existing shelter
41	D3	Bagerhat	Sharankhola	Dhansagor	212090104	B. Dhansagor Govt. Primary School	800	Y	No	76	—	15	1.7	0.9	2,500	No	△	○	○	○	Existing shelter
42	D4	Bagerhat	Morrelgonj	Putikhali	210070403	Sonakhali Govt. Primary School	3,000	No	No	167	197	5	1.7	0.6	2,000	No	○	○	○	○	
43	D5	Bagerhat	Morrelgonj	Hoglabunia	210071006	80 No. B. Pathamara Govt. Primary School	5,500	No	No	180	—	3	1.5	0.5	1,200	yes	○	○	○	○	Middle corridor type, demolition required
44	D6	Bagerhat	Morrelgonj	Ranchandrapur	210070202	31 No Small Kumerkhali Govt. Primary School	8,000	No	No	70	—	0	1.5	0.5	3,000	No	△	○	○	○	Narrow and low field for construction
45	D7	Bagerhat	Morrelgonj	Panchakaran	210070308	13 No South Kharykhali Govt. Primary School	3,000	No	No	91	—	52	2.5	0.6	10,000	No	△	○	○	○	Diversion of existing footpath, reclamation
46	D8	Bagerhat	Sadar	Bemorta	210040210	Bergazala Govt. Primary School	3,500	No	No	59	—	8	3.5	0.5	800	No	△	○	○	○	Demolition required
47	D9	Bagerhat	Sadar	Bemorta	210040202	Aurjunbhar Govt. Primary School	3,000	No	No	66	—	20	3.5	0.6	5,000	No	×	○	○	○	Too small land
48	D10	Bagerhat	Mongla	Chandpai	210060203	Chandpai Govt. Primary School	5,000	No	No	323	349	0	3.2	0.5	2,500	No	○	○	○	○	
49	D11	Bagerhat	Mongla	Mithakali	210060306	Kasherdanga Govt. Primary School	2,000	No	Y	111	—	0	1.5	0.3	1,500	No	△	○	○	○	Existing solid public 2 storey building
50	D12	Bagerhat	Rampal	Vospatia	210080904	Dalipara Govt. Primary School	4,000	No	No	200	—	0	3.5	0.5	3,000	yes	×	○	○	○	Too small land, Risk of erosion

* Legend for "Proper area" : ○ : Located in the playground △ : Located in the field (small bearing capacity) × : Insufficient area

Preliminary plan of the multipurpose cyclone shelter.

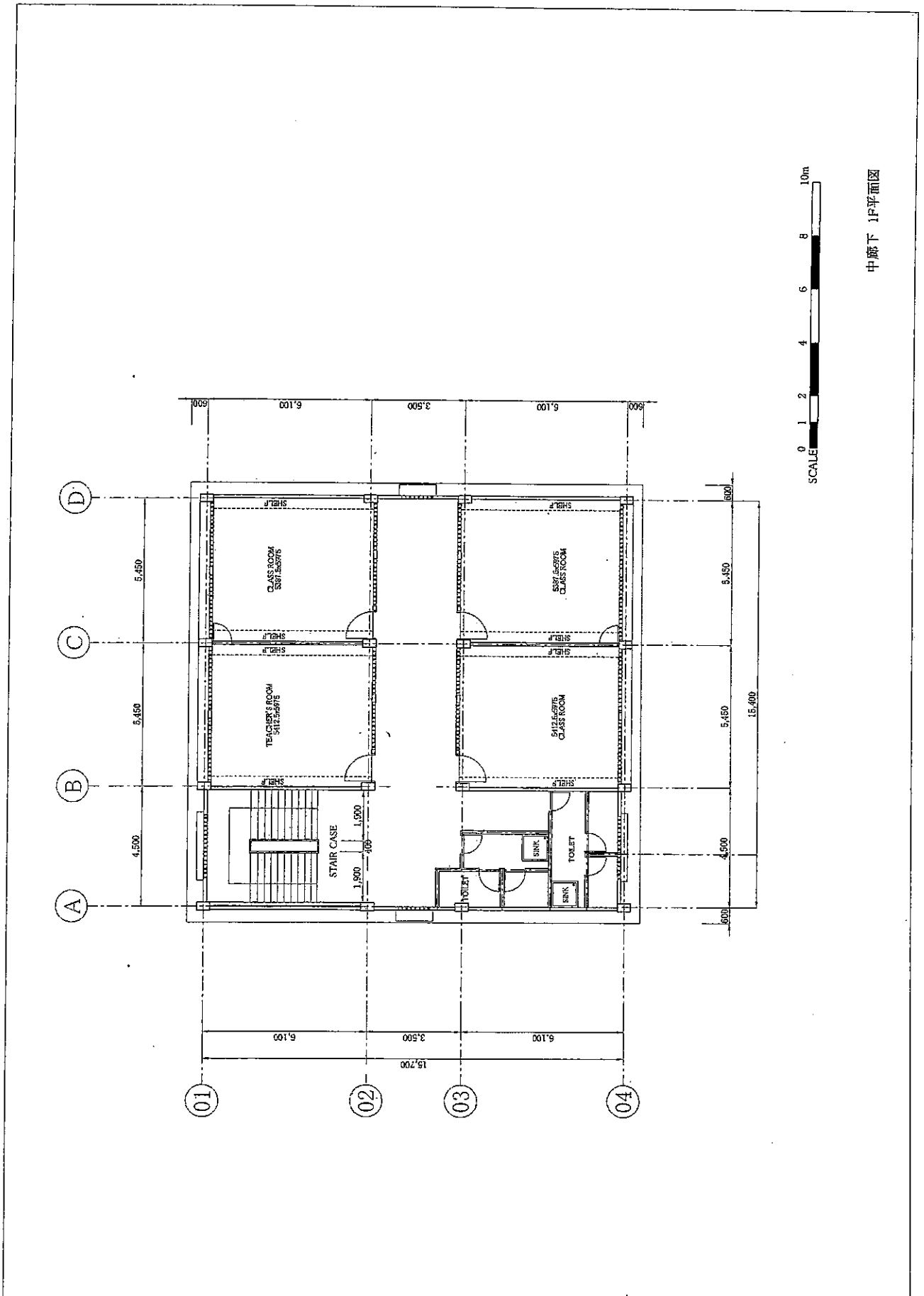


片廊下 1F平面图

PLAN SIDE CORRIDOR TYPE

南

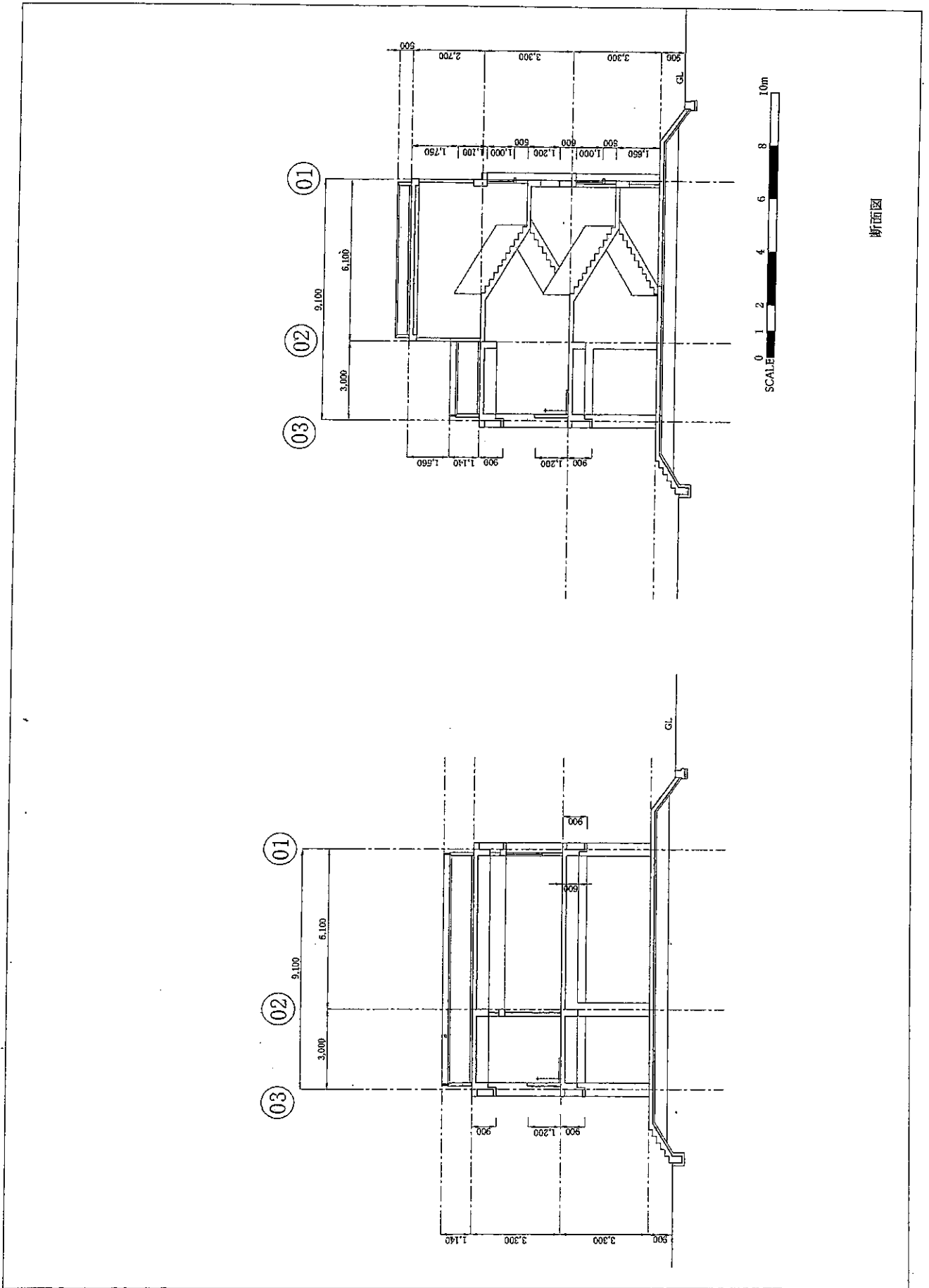
2



中廊下 1F平面图

PLAN MIDDLE CORRIDOR TYPE

Handwritten signature and initials



SECTION SIDE CORRIDOR TYPE

南

Major Undertaking to be Taken by Each Government

No.	Items	To be covered by Grant Aid	To be covered by Recipient Side
1	To secure land		●
2	To clear, level and reclaim the site when needed (See A below)	◆	●
3	To construct gates and fences in and around the site		●
4	To construct the parking lot (within the site if incidental)	*	
5	To construct roads		
	1) Within the site	*	
	2) Outside the site		●
6	To construct the buildings	●	
7	To provide facilities for the distribution of electricity, water supply, drainage and other incidental facilities		
	1) Electricity		
	a. The distributing line to the site		●
	b. The drop wiring and internal wiring within the site	*	
	c. The main circuit breaker and transformer	*	
	2) Water Supply		
	a. The city water distribution main to the site		●
	b. The supply system within the site (receiving and elevated tanks)	*	
	3) Drainage		
	a. The city drainage main (for storm, sewer and others to the site)		●
	b. The drainage system (for toilet sewer, storm drainage and others) within the site	●	
	4) Furniture and Equipment		
	a. General furniture		●
	b. Project equipment (desks/chairs for students and teachers)	●	
8	To bear the payment commissions to the Japanese bank for banking services based upon the B/A		●
9	To ensure unloading and customs clearance at port of disembarkation in recipient country		
	1) Marine (Air) transportation of the products from Japan the recipient	●	
	2) Tax exemption and custom clearance of the products at the port of disembarkation		●
	3) Internal transportation from the port of disembarkation to the project site	*	●
10	To accord Japanese nationals whose service may be required in connection with the supply of the products and the services under the verified contract, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.		●
11	To bear customs duties, internal taxes and other fiscal levies which may be imposed in the recipient country with respect to the supply of the products and services under the verified contracts		●
12	To maintain and use properly and effectively the facilities constructed and equipment provided under the Grant Aid		●
13	To bear all the expenses, other than those to be borne by the Grant Aid, necessary for construction of the facilities as well as for the transportation and installation of the equipment		●

(B/A: Banking Arrangement)

*: "Site" means the demarcated area for construction of the Project Component.

*: Not applicable

◆: Conditions and demarcation shall be studied and discussed, including demolition/removal of existing buildings.

A: Demolition and removal of abandoned buildings and trees etc. shall be done by Bangladesh side before commencement of construction work.

Soil filling to construction site if necessary, shall be included in the work by Japanese side.

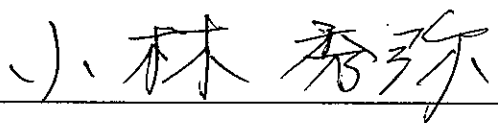
Minutes of Discussions
on the Outline Design Study
on the Programme for Construction of Multipurpose Cyclone Shelters
in the Area affected by the Cyclone Sidr in the People's Republic of Bangladesh
(EXPLANATION ON DRAFT FINAL REPORT)

In May 2008, the Japan International Cooperation Agency (hereinafter referred to as "JICA") dispatched a Draft Report Explanation Team on the Programme for Construction of Multipurpose Cyclone Shelters in the Area affected by the Cyclone Sidr (hereinafter referred to as "the Programme") to the People's Republic of Bangladesh (hereinafter referred to as "Bangladesh"), and through discussion, field survey, and the results of technical examination of the study in Japan, JICA prepared a draft final report of the study.

In order to explain and to consult the Bangladesh on the components of the draft final report, JICA sent the Draft Final Report Explanation Team (hereinafter referred to as "the Team") to Bangladesh, which is headed by Mr. Hideya Kobayashi, Chief, Project Management Division II, Grant Aid and Loan Support Department, from May 11 to 15, 2008.

As a result of discussions, both parties confirmed the main items described on the attached sheets.

Dhaka, May 15, 2008



Mr. Hideya Kobayashi
Leader
Draft Report Explanation Team
Japan International Cooperation Agency



Ms. Nasreen Akhtar Chowdhury
Deputy Secretary
Economic Relations Division (ERD)



Mr. Md. Wahidur Rahman
Additional Chief Engineer
Local Government Engineering Department
(LGED)



Mr. Md. Shamsul Karim Bhuiyan
Deputy Chief
Local Government Division (LGD)
Ministry of Local Government, Rural
Development and Cooperatives

ATTACHMENT

1. Components of the Draft Final Report

The Government of Bangladesh agreed and accepted in principle the components of the draft final report explained by the Team.

2. Japan's Grant Aid scheme

Bangladesh side understood the Japan's Grant Aid Scheme and the necessary measures to be taken by the Government of Bangladesh as explained by the Team and described in Annex-4 and Annex-6 of the Minutes of Discussions signed by both parties on March 4, 2008.

3. Schedule of the Study

JICA will complete the final report in accordance with the confirmed items and send it to the Government of Bangladesh by August 2008.

4. Other relevant issues

4-1 Programme sites

Both sides agreed the final candidate sites list as shown in Annex-1

4-2 Programme Components

Both sides agreed the components of the Programme as shown in Annex-2.

4-3 Role of Implementing Agency of the Government of Bangladesh

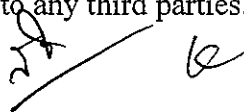
In order to ensure the smooth and successful implementation of the Programme, both sides confirmed the role of Implementing Agency of the Government of Bangladesh as shown in Annex-3.

4-4 Confidentiality of the Programme Cost Estimation

The Team explained the cost estimation of the Programme as shown in Annex-4. Both sides agreed that the Programme Cost Estimation should never be duplicated or released to any outside parties before signing of all the contracts for the Programme. The Bangladesh side understood that the Programme Cost Estimation attached as Annex-4 is not final and subject to change.

4-5 Confidentiality of the Contents of the Draft Report

Both sides agreed that the contents of the draft report would be kept confidential, be dealt with carefully and will not be disclosed to any third parties.



CANDIDATE SITES LIST (1/2)

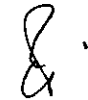
Site Number		District			Population in the service area	Existence of cyclone shelter in and around the site	Public solid masonry building in the radius of 1.5km	Number of pupils	Number of pupils including pre-school	Number of existing classrooms	Number of existing teachers room	Number of casualties by Cyclone Sidr	Height of tidal surge by Cyclone Sidr (m)	Usual flood level (m)	Type of cyclone shelter to be constructed	Number of classrooms to be constructed in the project	Total floor area (m ²)	Condition of deep aquifer and provision of deep well	Number of desk/chair for 2 pupils (set)	Number of desk/chair for teacher (set)	Capacity of evacuee (persons)	
		Upazila																				
		Union																				
		No.	Name of School																			
1	A1	Ziana gar	Balipara	502031108	Badarpur Govt. Primary School	2,500	No	No	102	135	3	1	19	4.2	0.8	side corridor	3	624.4	No	60	4	1,660
2	A2		Balipara	502031106	Maddha Char Balashar Govt. Primary School	1,500	No	No	93	118	3	1	5	4.2	0.9	middle corridor	3	554.2	No	60	4	1,367
3	A3		Balipara	502031111	Pachim Kolaron Govt. Primary School	3,000	No	No	130	147	3	1	0	4.6	1.2	side corridor	3	624.4	No	60	4	1,660
5	A5	Projpur	Kalakhal	502030407	Daudpur Chalpakuria Govt. Primary School	3,000	No	No	75	88	3	1	2	3.0	0.6	side corridor	3	624.4	○	60	4	1,660
6	A6		Shariktala	502030608	Keshorota Govt. Primary School	4,000	No	No	108	120	3	1	2	4.5	1.2	side corridor	3	624.4	Existin g	60	4	1,660
7	A7		Sikdamollik	502030106	Jughkha Muria Govt. Primary School	3,000	No	No	77	92	3	1	12	3.0	0.9	side corridor	3	624.4	No	60	4	1,660
8	A8	Math baria	Gulisakhali	502050208	Kabaturkhali Govt. Primary School	5,000	No	No	115	143	3	1	12	3.0	0.6	middle corridor	3	554.2	No	60	4	1,367
9	A9		Shaplaza	502051105	Nali Charakgachia Govt. Primary School	9,000	No	No	83	100	3	1	7	2.0	0.3	side corridor	3	624.4	No	60	4	1,660
11	A11	Kawk hali	Ehandria	502040606	72 No Uttar Purbo Ehandria Govt. Primary School	1,500	No	No	154	184	3	1	0	4.6	0.6	middle corridor	3	554.2	○	60	4	1,367
12	A12		Kawk hali	502010310	28 No.Choto Birajuri Govt. Primary School	20,000	No	No	80	92	3	1	0	3.0	0.3	side corridor	3	624.4	Existin g	60	4	1,660
13	A13		Amrajuri	502010204	14 No.Maddha Sonakur Govt. Primary School	10,000	No	No	168	202	3	1	1	3.6	0.4	side corridor	3	624.4	○	60	4	1,660
14	B1	Galac hipa	Char Montaz	505020106	Algi Tafalbaria Govt.Primary School cum Cyclone Shelter	4,000	No	No	270	330	4	1	0	1.5	0.3	side corridor	3	624.4	Existin g	69	4	1,660
15	B2		Uttor Char Kajol	505020604	Amlibari Govt.Primary School cum Cyclone Shelter	6,000	No	No	115	215	5	1	3	2.7	0.4	middle corridor	3	554.2	○	60	4	1,367
16	B3		Char Bishaws	505021404	Purbo Char Bishaws Govt.Primary School cum Cyclone Shelter	5,000	No	No	180	250	3	1	0	2.6	0.4	middle corridor	3	554.2	○	60	4	1,367
17	B4	Dosm ina	Rongopaldi	505030401	Patarchar Govt.Primary School cum Cyclone Shelter	12,000	No	No	118	168	4	1	6	2.0	0.3	side corridor	3	624.4	○	60	4	1,660
19	B6	Kolak ara	Dhankhali	505010903	Uttar Debpur Govt. Primary School cum Cyclone Shelter	5,000	No	No	105	125	3	1	0	2.7	0.3	side corridor	3	624.4	○	60	4	1,660
21	B8		Khapraban gha	505010607	Maherpur Govt. Primary School cum Cyclone Shelter	7,000	No	No	200	240	3	1	1	2.6	0.5	side corridor	3	624.4	○	69	4	1,660
22	B9	Sadar	Chotobegh ai	505041203	Mati Bhanga Govt. Primary School cum Cyclone Shelter	8,000	No	No	265	345	4	1	35	2.2	0.3	side corridor	3	624.4	○	69	4	1,660
23	B10	Baup hat	Konaskdia	505050206	49 No. Kolta Govt. Primary School cum Cyclone Shelter	12,000	No	No	163	213	6	1	4	2.0	0.5	side corridor	3	624.4	Existin g	69	4	1,660
24	B11		Dulia	505050305	65 No. Purba Madonpura Govt. Primary School cum Cyclone Shelter	15,000	No	No	290	325	4	1	3	2.5	0.3	side corridor	3	624.4	○	69	4	1,660
25	B12		Kalaiya	505050602	Purba Kalaiya Govt. Primary School cum Cyclone Shelter	12,000	No	No	374	444	5	1	50	2.7	0.3	side corridor	3	624.4	○	69	4	1,660

CANDIDATE SITES LIST (2/2)

Sl. No.	C. No.	District			Population in the service area	Existence of cyclone shelter in and around the site	Public solid multistorey building in the radius of 1.5km	Number of pupils	Number of pupils including pre-school	Number of existing classrooms	Number of existing teachers room	Number of casualties by Cyclone Sidr	Height of tidal surge by Cyclone Sidr (m)	Usual flood level (m)	Type of cyclone shelter to be constructed	Number of classrooms to be constructed in the project	Total floor area (sqm)	Condition of deep aquifer and provision of deep well	Number of desk/chair for 2 pupils (set)	Number of desk/chair for teacher (set)	Capacity of evacuee (persons)		
		Upazila																					
		Union																					
		No.	Name of School																				
26	C1	Betagi	Sarisamari	504050708	Gabwali Govt. Primary School	5,000	No	No	190	202	4	1	5	1.5	0.3	side corridor	3	624.4	O	69	4	1,660	
27	C2	Patharghata	Patharghata Sador	504020709	27 No. Badurtala Govt. Primary School	6,000	No	No	181	221	3	1	9	2.5	0.3	side corridor	3	624.4	No	69	4	1,660	
29	C4		Kalthali	504020106	56 No. Burjukpur Govt. Primary School	3,500	No	No	121	146	3	1	7	1.8	0.4	side corridor	3	624.4	No	60	4	1,660	
30	C5		Charduani	504020302	12 No. Sairabad Govt. Primary School	12,000	No	No	157	187	5	1	12	1.8	0.5	side corridor	3	624.4	No	60	4	1,660	
31	C6	Sadar	Noltona	504031008	Nishanbaria Govt. Primary School	2,000	No	No	119	138	3	1	60	3.0	0.4	middle corridor	3	554.2	No	60	4	1,367	
32	C7		M.Baliatoli	504030910	Sonbunia Govt. Primary School	2,300	No	No	190	232	3	1	110	3.1	0.3	side corridor	3	624.4	No	60	4	1,660	
34	C9	Amtali	Borobogi	504010905	Sakhina Govt. Primary School	2,050	Y	No	301	336	2	1	200	3.1	0.6	side corridor	3	624.4	O	69	4	1,660	
35	C10		Borobogi	504010901	Satonpara Govt. Primary School	8,000	No	Y	441	481	8	1	44	1.8	0.6	side corridor	3	624.4	O	69	4	1,660	
36	C11		Pochakoirdin	504010806	Gabwali Govt. Primary School	3,000	No	No	192	242	3	1	14	1.9	0.3	side corridor	3	624.4	Existing	60	4	1,660	
37	C12		Arpangasia	504010205	Balataia Govt. Primary School	2,109	No	No	224	294	2	1	14	3.0	0.4	side corridor	3	624.4	O	69	4	1,660	
38	C13	Bamna	Ramna	504040306	Gadaghata Govt. Primary School	2,400	No	No	191	235	5	1	0	1.9	0.5	side corridor	3	624.4	Existing	60	4	1,660	
42	D4	Bagerhat	Morrelgonj	Putikhali	210070403	Sonakhali Govt. Primary School	3,000	No	No	167	222	3	1	5	1.7	0.6	side corridor	3	624.4	No	60	4	1,660
43	D5			Hoglabunia	210071006	80 No. B. Pathtamara Govt. Primary School	5,500	No	No	180	220	3	1	3	1.5	0.5	middle corridor	3	554.2	No	60	4	1,367
44	D6			Ramchandrapur	210070202	31 No Small Kumerkhali Govt. Primary School	8,000	No	No	70	92	3	1	0	1.5	0.5	side corridor	3	624.4	No	60	4	1,660
45	D7		Panchakaran	210070308	13 No South Kharykhali Govt. Primary School	3,000	No	No	91	109	3	1	52	2.5	0.6	side corridor	3	624.4	No	60	4	1,660	
46	D8	Sadar	Bemorta	210040210	Bergazalia Govt. Primary School	3,500	No	No	59	76	2	1	8	3.5	0.5	side corridor	3	624.4	O	60	4	1,660	
48	D10	Mongla	Chandpai	210060203	Chandpai Govt. Primary School	5,000	No	No	323	353	8	1	0	3.2	0.5	side corridor	3	624.4	No	69	4	1,660	
Total						224,859			6,462	7,862	137	38	705			114	23,235.8	16	2,388	152	61,029		

Component of the Programme

- Construction of multipurpose cyclone shelters (cyclone shelter cum primary school)
 - Classroom
 - Teacher's room with storage
 - Boys toilet and girls toilet
 - Rainwater cistern
 - Corridor and stairs
 - Deep tube well at feasible site
- Procurement of desks and chairs for pupils and teachers



Role of Implementing Agency of the Government of Bangladesh

- (1) To ensure tentative implementation schedule as per attachment for Annex-3
- (2) To ensure internal procedure and formal approval of the Programme by the Government of Bangladesh
- (3) To demolish the existing buildings of the site A8, A11 and B8 by the end of September 2008
- (4) To provide the site A11 with temporary classrooms by the end of September 2008
- (5) To ensure the timely payment of value added tax (VAT), income tax (IT) and any other internal tax which will be imposed to the Programme
- (6) To give necessary support to the Procurement Agent at tendering stage of the Programme
- (7) To give necessary support to the Procurement Agent and the Consultant to ensure proper supervisory work at construction stage of the Programme
- (8) To ensure smooth handing over of the Multipurpose Cyclone Shelters to respective school management committee



as of 15 May 2008

TENTATIVE IMPLEMENTATION SCHEDULE

Supposedly 18 month of construction	2008												2009												2010			
	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	
Completion: March 2009																												
Outline Design Study																												
Field Survey/Study in Bangladesh																												
Progress Report																												
Draft Final Report																												
Final Report																												
Approval of Cabinet of Japan																												
Exchange of Notes (E/N)																												
Agent Agreement (LGED - JICS)																												
Consultant Agreement (by JICS)																												
Preparation of Tender Documents																												
Pre-qualification (P/Q)																												
Tendering																												
Tender Evaluation																												
Land clearance																												
Demolition/removal of obstacles, preparation of temporary classrooms																												
Contract for construction works																												
Construction Works																												
Inspection / Touch-up																												
Handing-over																												
Payment (JICS) / Tax (GOB) _(assumed)																												

Rainy Season
 Cyclone Season

[Handwritten initials/signature]
 [Handwritten mark]

• **Summary of the Estimated Programme Cost**

Items	Amount (Million JP¥)	Remarks
Construction fee		
Direct cost	703.1	
Administration fee and profit	→	Included in the direct cost
Sub total	703.1	
In-direct cost		
Agent fee	63.6	
Consultant fee	192.1	
Sub-Total	255.7	
Total	958.8	

• **Summary of the Cost of the recipient side**

Items	Quantity	Cost (Thousand TAKA)
Demolishing and site cleaning work fee for 3 schools (A8, A11, B8)	680m ²	1,000
Temporary class room for A8	150m ²	2,240
Expenses of incremental staff for supporting the programme	Set	69,000
VAT, IT and other international tax.	Set	37,560
Banking Commission	Set	200
Total		110,000

[Handwritten signature]

[Handwritten mark]

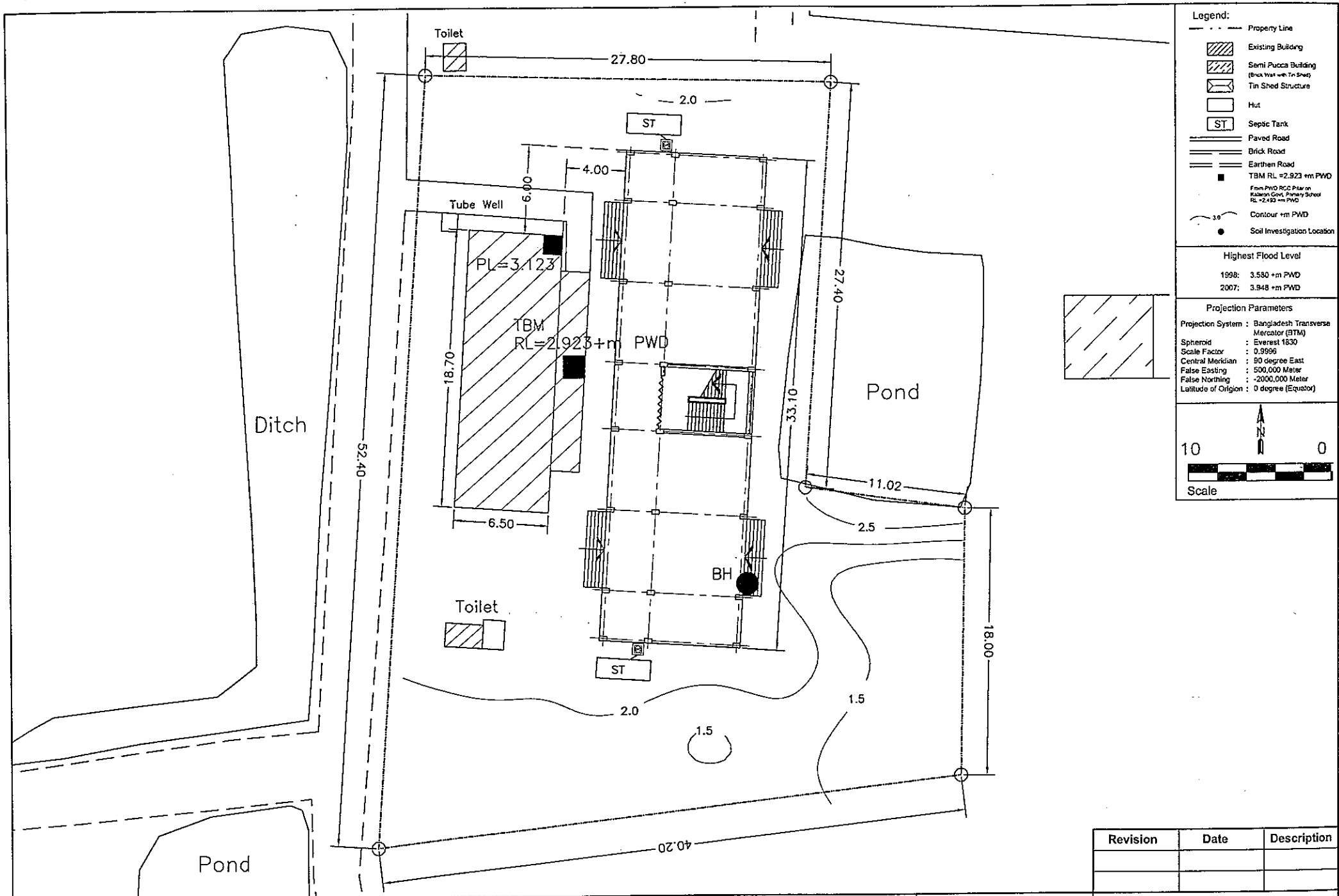
[Handwritten signature]

APPENDIX 5 LIST OF ACQUIRED REFERENCE MATERIALS AND DATA

Outline Design Study Report on the Project for Construction of Multipurpose Cyclone Shelters in the Cyclone Sidr affected area in the People's Republic of Bangladesh

No.	Name	Form Book/Video/Map/ Photograph etc.	Original/Copy	Issue Organization	Issue Year
1	Millennium Development Goals Mid-Term Bangladesh Progress Report 2007	Book	Original	Planning Commission	2007
2	Annual Development Programme 2007-2008	Book	Original	Planning Commission	2007
3	Annual Report of LGED 2006-07	Book	Original	LGED	2008
4	Population Census-2001 Community Series, Zila: Barguna	Book	Original	Bangladesh Bureau of Statistics	2006
5	Population Census-2001 Community Series, Zila: Bagerhat	Book	Original	Bangladesh Bureau of Statistics	2006
6	Population Census-2001 Community Series, Zila: Patuakhali	Book	Original	Bangladesh Bureau of Statistics	2006
7	Population Census-2001 Community Series, Zila: Pirojpur	Book	Original	Bangladesh Bureau of Statistics	2006
8	Analysis of Schedule of Rates for Civil Works	Book	Original	Public Works Department	2006
9	Bangladesh National Building Code 2006	Book	Original	Ministry of Housing and Public Works	2006

APPENDIX 6 SITE PLAN



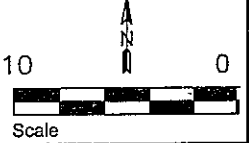
- Legend:**
- - - Property Line
 - [Hatched Box] Existing Building
 - [Hatched Box] Semi Pucca Building (Black Wall with Tin Sheet)
 - [Hatched Box] Tin Shed Structure
 - [White Box] Hut
 - [ST] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Double Line] Earthen Road
 - [Black Square] TBM RL = 2.923 +m PWD
 - [Dashed Line] From PWD RCC Pilar on Khabra Govt. Primary School RL = 2.49 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Black Dot] Soil Investigation Location

Highest Flood Level

1998:	3.580 +m PWD
2007:	3.948 +m PWD

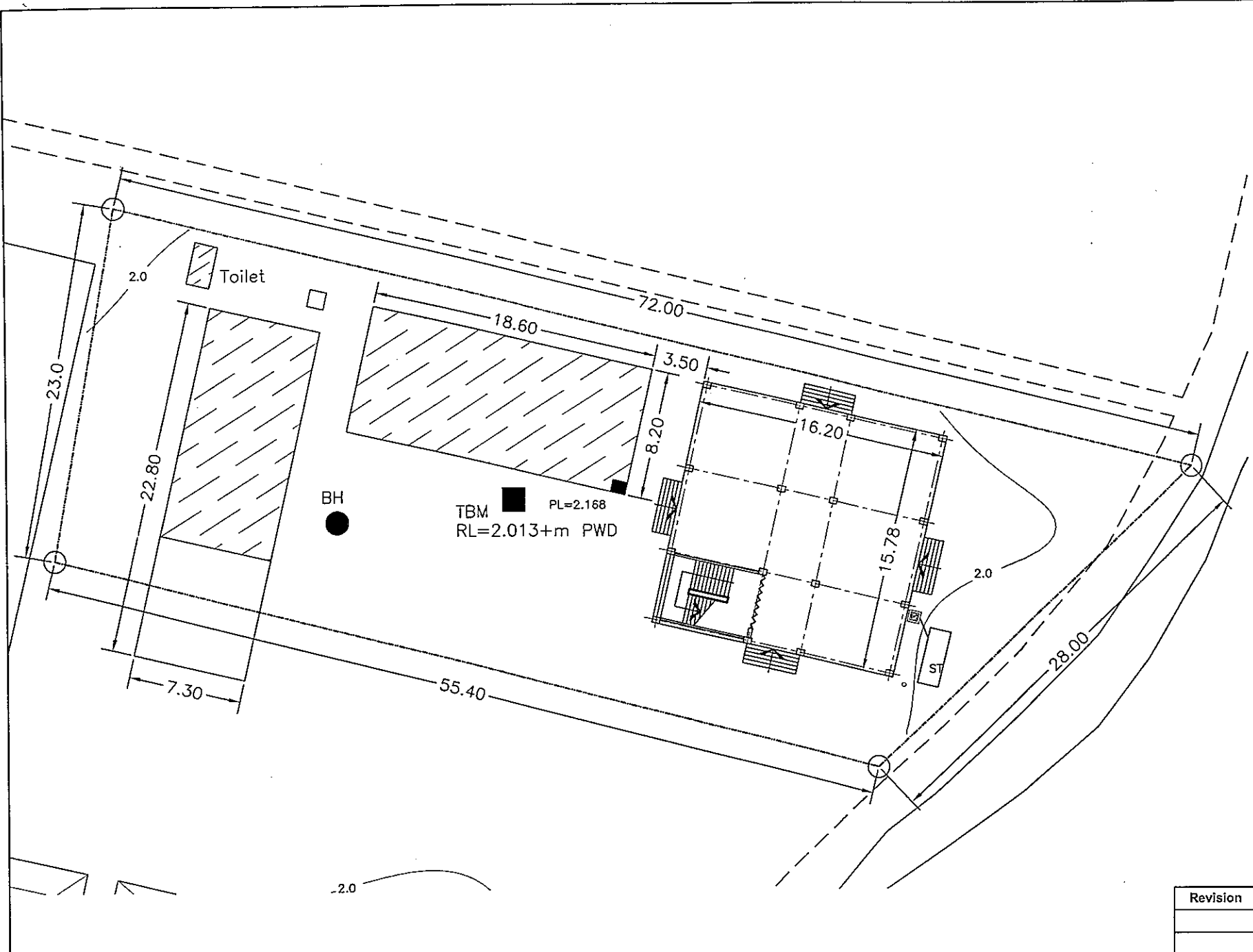
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Badarpur Govt. Primary School Union: Balipara Upazilla: Zianagar District: Pirojpur SI No & Code No: PR1, 502031108	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN
				DRG NO: PR1 - CSP	SHEET NO. - A/02
				DRAWN BY: J. Alam	DATE: JULY, 2008



- Legend:**
- Property Line
 - [Hatched Box] Existing Building
 - [Hatched Box] Semi Pucca Building (Brick Wall with Tin Shed)
 - [Envelope Box] Tin Shed Structure
 - [Square Box] Hut
 - [ST Box] Sepic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Black Square] TBM RL=2.013 +m PWD
 - [Black Square] Free PWD RCC Pillar on Pucca Char Balashar Sluice Gate RL=2.000 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Black Dot] Soil Investigation Location

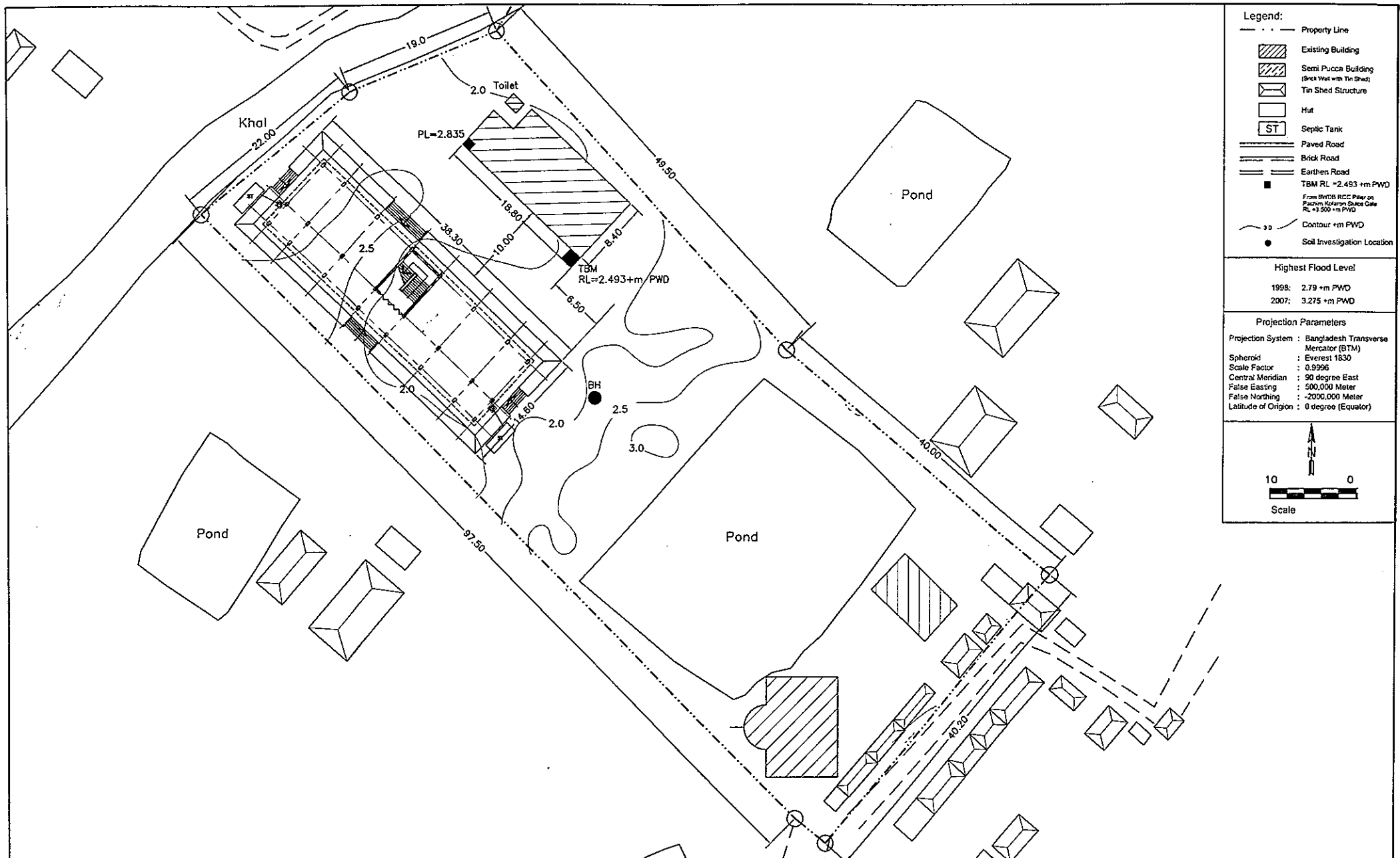
Highest Flood Level
 1998: 3.370 +m PWD
 2007: 3.648 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Maddha Char Balashar Govt. Primary School Union: Balipara Upazilla: Zianagar District: Pirojpur SI No & Code No: PR2, 502031106	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PR2 - CSP DRAWN BY: J. Alam	SHEET NO.: A/02 DATE: JULY, 2008
---	---	---	--	--	---	---



Legend:

- - - Property Line
- [Hatched Box] Existing Building
- [Diagonal Lines Box] Semi Pucca Building (Brick Wall with Tin Shed)
- [Rectangular Box] Tin Shed Structure
- [Small Rectangular Box] Hut
- [ST in Box] Septic Tank
- [Double Line] Paved Road
- [Single Line] Brick Road
- [Dashed Line] Earthen Road
- [Square with Black Dot] TBM RL = 2.493 +m PWD
- [Small Square] From BMDB RCC Plan on Pachim Kolaron School Gate RL = 2.500 +m PWD
- [Wavy Line] Contour +m FWD
- [Black Dot] Soil Investigation Location

Highest Flood Level:

1998: 2.79 +m PWD
2007: 3.275 +m PWD

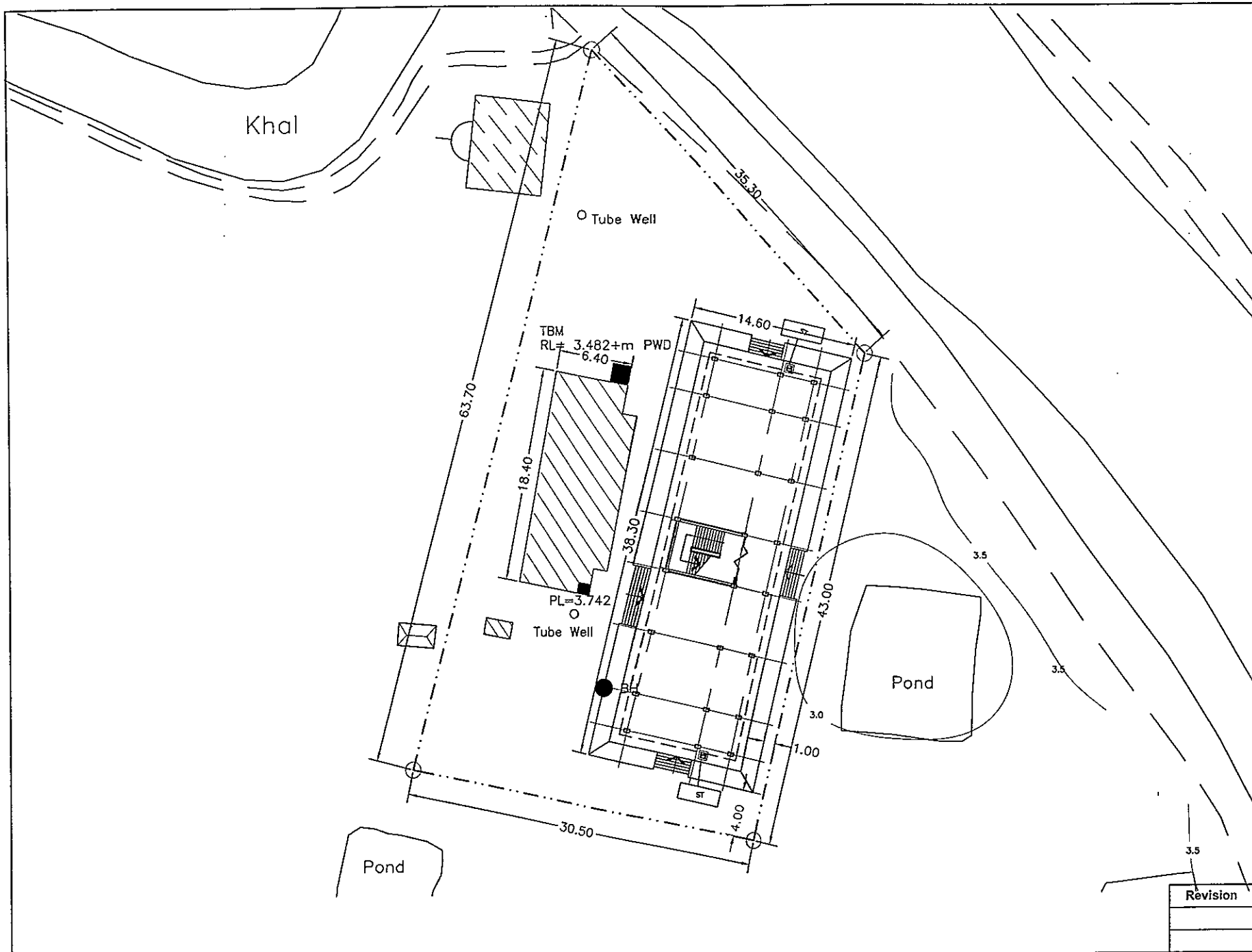
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

Scale: 10 0

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Pachim Kolaron Govt. Primary School Union: Balipara Upazilla: Zianagar District.: Pirojpur SI No & Code No: PR3, 50203111	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PR3 - CSP DRAWN BY: J. Alam
				SHEET NO.: A/02	DATE: JULY, 2008



Legend:

- - - Property Line
- [Hatched Box] Existing Building
- [Hatched Box] Semi Pucca Building (Brick Wall with Tin Sheet)
- [Envelope Box] Tin Shed Structure
- [Empty Box] Hut
- [Empty Box] Septic Tank
- [Double Line] Paved Road
- [Single Line] Brick Road
- [Dashed Line] Earthen Road
- TBM RL = 3.482 +m PWD
From BVCB
Railroad Gauge Gate Top
RL = 4.200 +m PWD
- ~ 3.0 ~ Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1998: 2.811 +m PWD
2007: 3.028 +m PWD

Projection Parameters

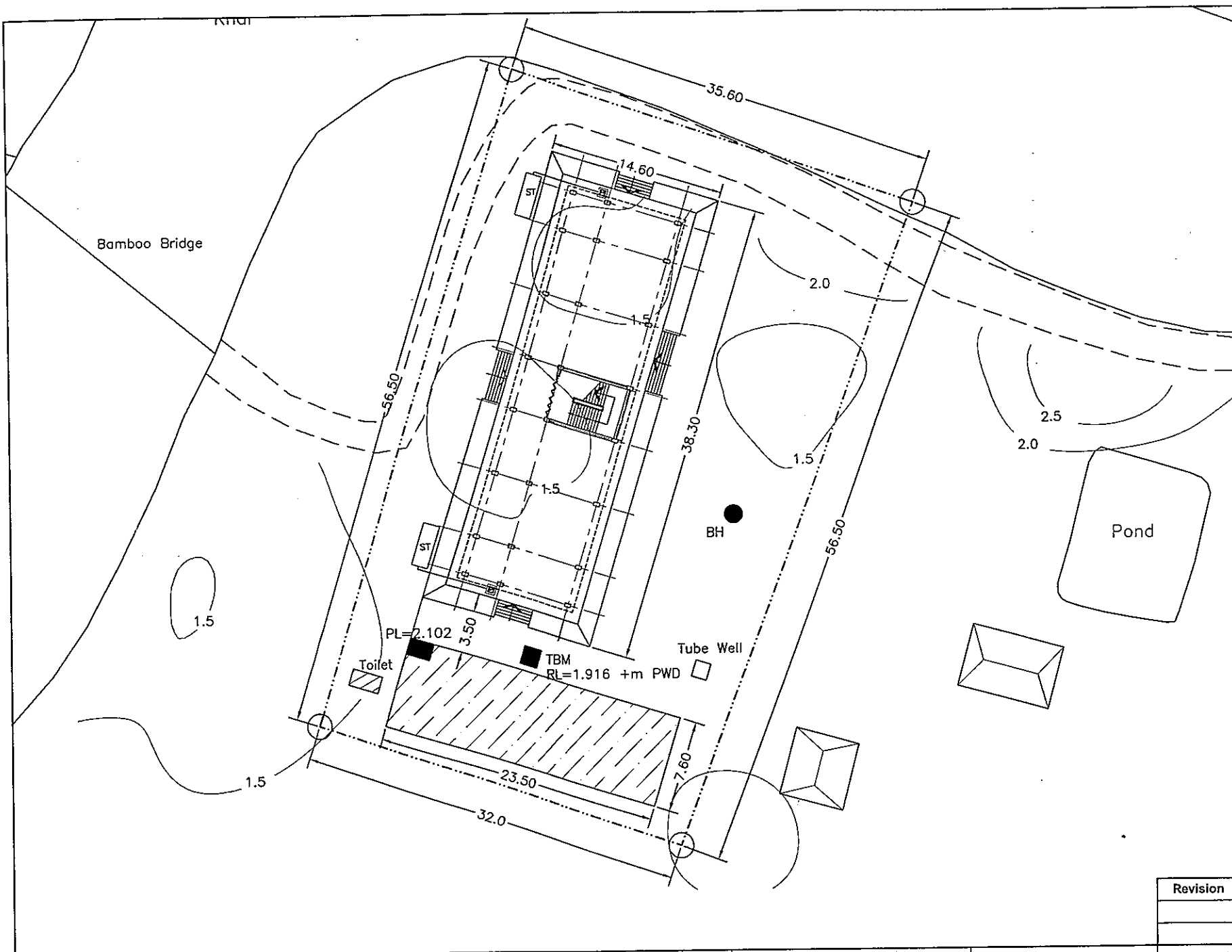
Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : +2000,000 Meter
Latitude of Origin : 0 degree (Equator)

Scale

10 0

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Daudpur Chalpakuria Govt. Primary School Union: Kalakhali Upazilla: Sadar District: Pirojpur SI No & Code No: PR4, 502030407	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PR4 - CSP DRAWN BY: J. Alam



Legend:

- Property Line
- [Hatched Box] Existing Building
- [Diagonal Lines Box] Semi Pucca Building (Brick Wall with Tin Sheet)
- [Envelope Box] Tin Shed Structure
- [Empty Box] Hut
- [ST Box] Septic Tank
- [Double Line] Paved Road
- [Single Line] Brick Road
- [Dashed Line] Earthen Road
- [Square with Dot] TBM RL = 1.916 +m PWD
- [Square with Cross] From PWD ACC Pillar on Prayer Upazila Station RL = 2.167 +m PWD
- [Dashed Arc] Contour +m PWD
- [Dot] Soil Investigation Location

Highest Flood Level

1988: 2.403 +m PWD
2007: 2.596 +m PWD

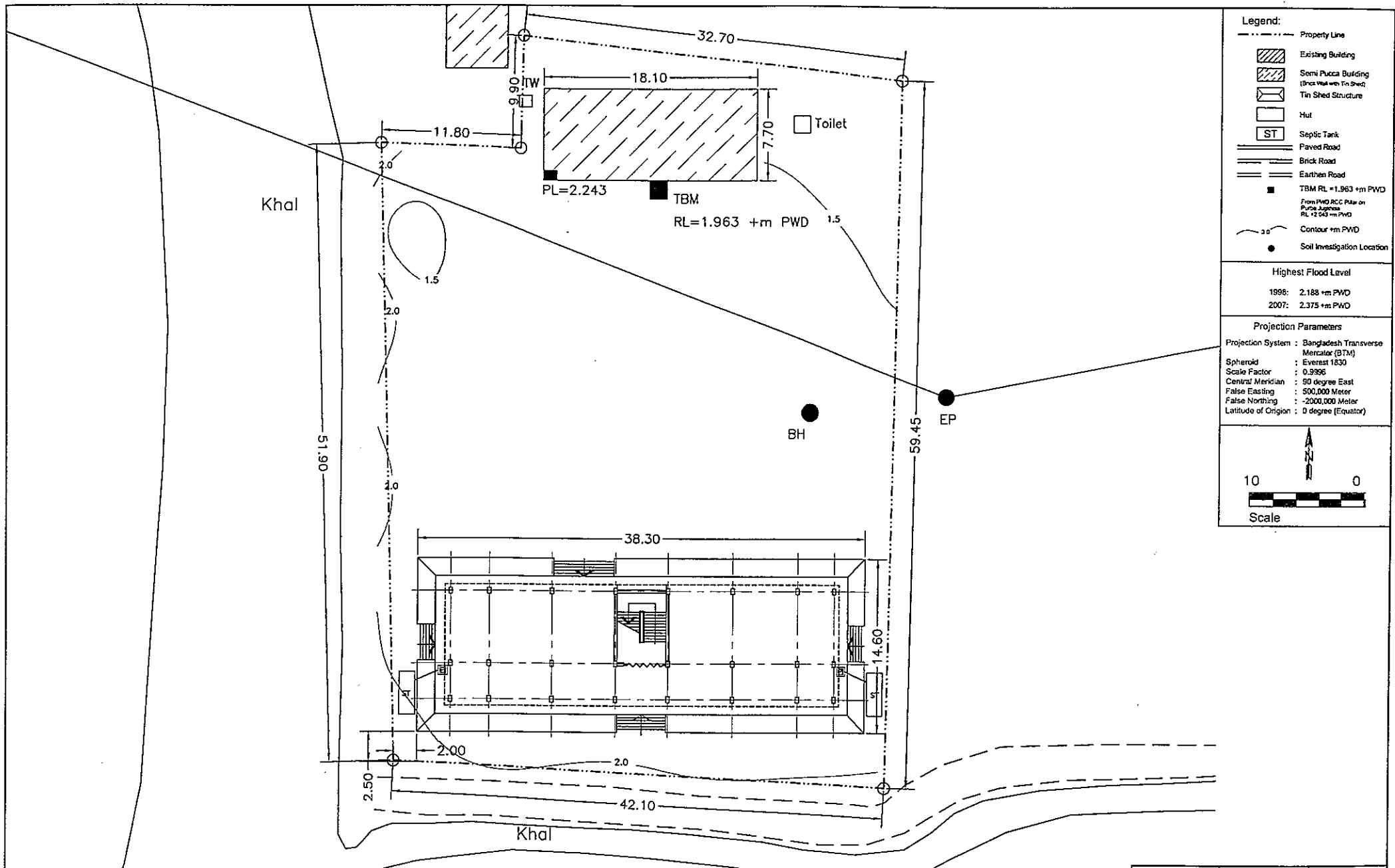
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

10 0
Scale

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Keshorota Govt. Primary School Union: Shariktala Upazilla: Sadar District.: Pirojpur SI No & Code No: PR5, 502030608	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN
					DRG NO: PR5 - CSP
					SHEET NO.: A/02
					DRAWN BY: J. Alam
					DATE: JULY, 2008

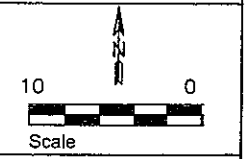


Legend:

- - - - - Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Sheet)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 1.963 +m PWD
- From PWD RCC Pilar on Pucca Jughola RL = 2.543 +m PWD
- Contour +m PWD
- Soil Investigation Location

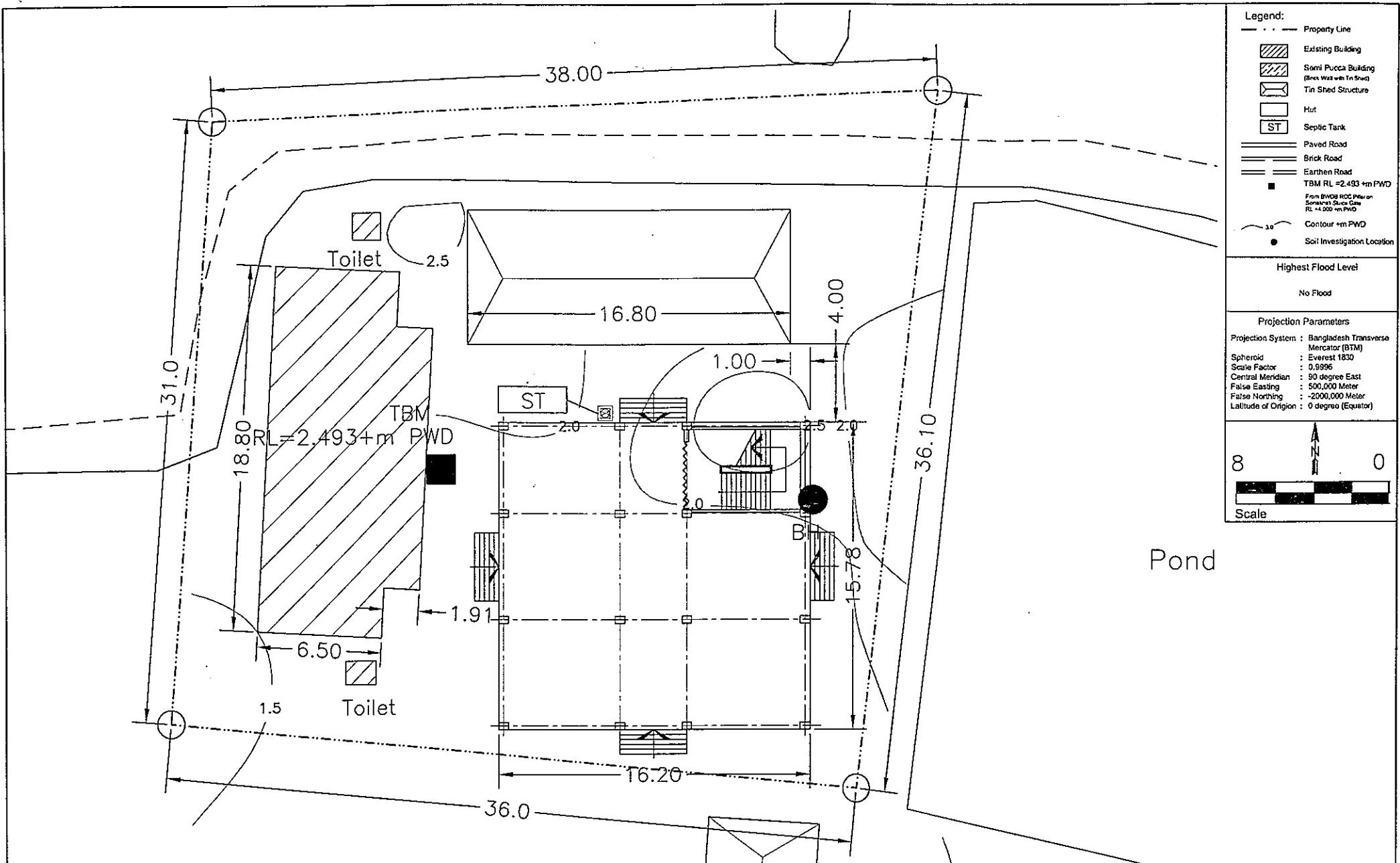
Highest Flood Level	
1998:	2.188 +m PWD
2007:	2.375 +m PWD

Projection Parameters	
Projection System :	Bangladesh Transverse Mercator (BTM)
Spheroid :	Everest 1830
Scale Factor :	0.9996
Central Meridian :	90 degree East
False Easting :	500,000 Meter
False Northing :	-2000,000 Meter
Latitude of Origin :	0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Jugkhola Muria Govt. Primary School Union: Sikdarmollik Upazilla: Sadar District: Pirojpur SI No & Code No: PR6, 502030106	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PR6 - CSP DRAWN BY: J. Alam	SHEET NO.: A/02 DATE: JULY, 2008
---	--	---	--	--	---	---



- Legend:**
- - - - - Property Line
 - [Hatched Box] Existing Building
 - [Diagonal Hatched Box] Semi Pucca Building (Brek Was with 1/5 mud)
 - [Envelope Shape] Tin Shed Structure
 - [Empty Box] Hut
 - [Box with ST] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with TBM] TBM RL = 2.493 +m PWD
 - [Square with B] From BMDH RCC Pipe on Sonaraj Siva Gate RL = 4.000 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Dot] Soil Investigation Location

Highest Flood Level
No Flood

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)

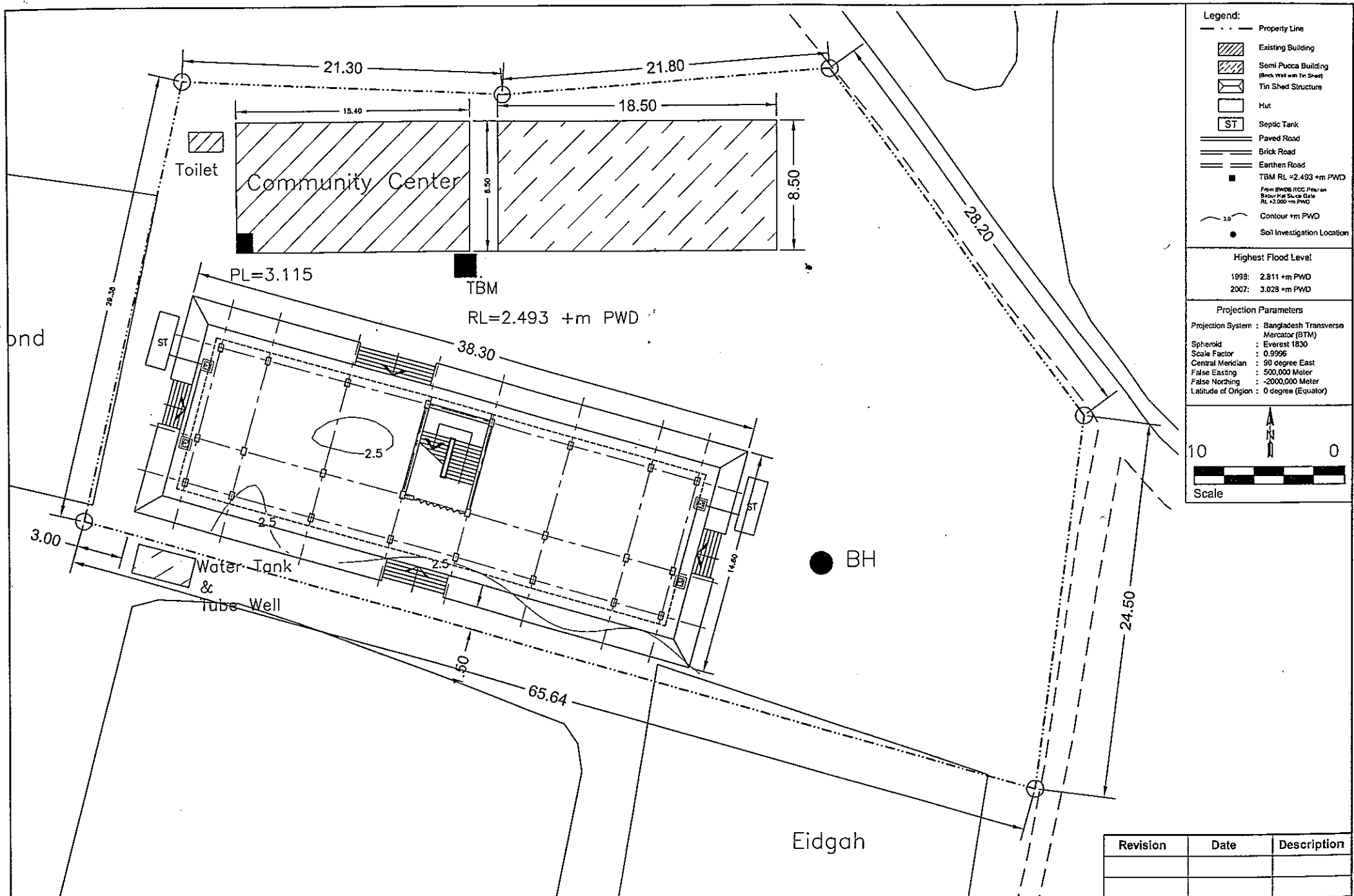


Pond

Revision	Date	Description

CHECKED BY: KOJI ODA	
DESIGN BY: SYED MOBASHWER HOSSAIN	
DRG NO: PR7 - CSP	SHEET NO.- A/02
DRAWN BY: J. Alam	DATE: JULY, 2008

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Kabaturkhali Govt. Primary School Union: Gulisakhali Upazila: Mathbaria District: Pirojpur SI No & Code No: PR7, 502050208	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:
---	--	---	--	--



- Legend:**
- - - Property Line
 - [Hatched Box] Existing Building
 - [Diagonal Lines Box] Semi Pucca Building (Block Wall with Tin Shed)
 - [Rectangular Box] Tin Shed Structure
 - [Empty Box] Hut
 - [ST in Box] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with dot] TBM RL = 2.493 +m PWD
From BMD6 RCC Plan on
Below the Suroda Gate
RL = 2.000 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Circle with dot] Soil Investigation Location

Highest Flood Level

1998:	2.811 +m PWD
2007:	3.028 +m PWD

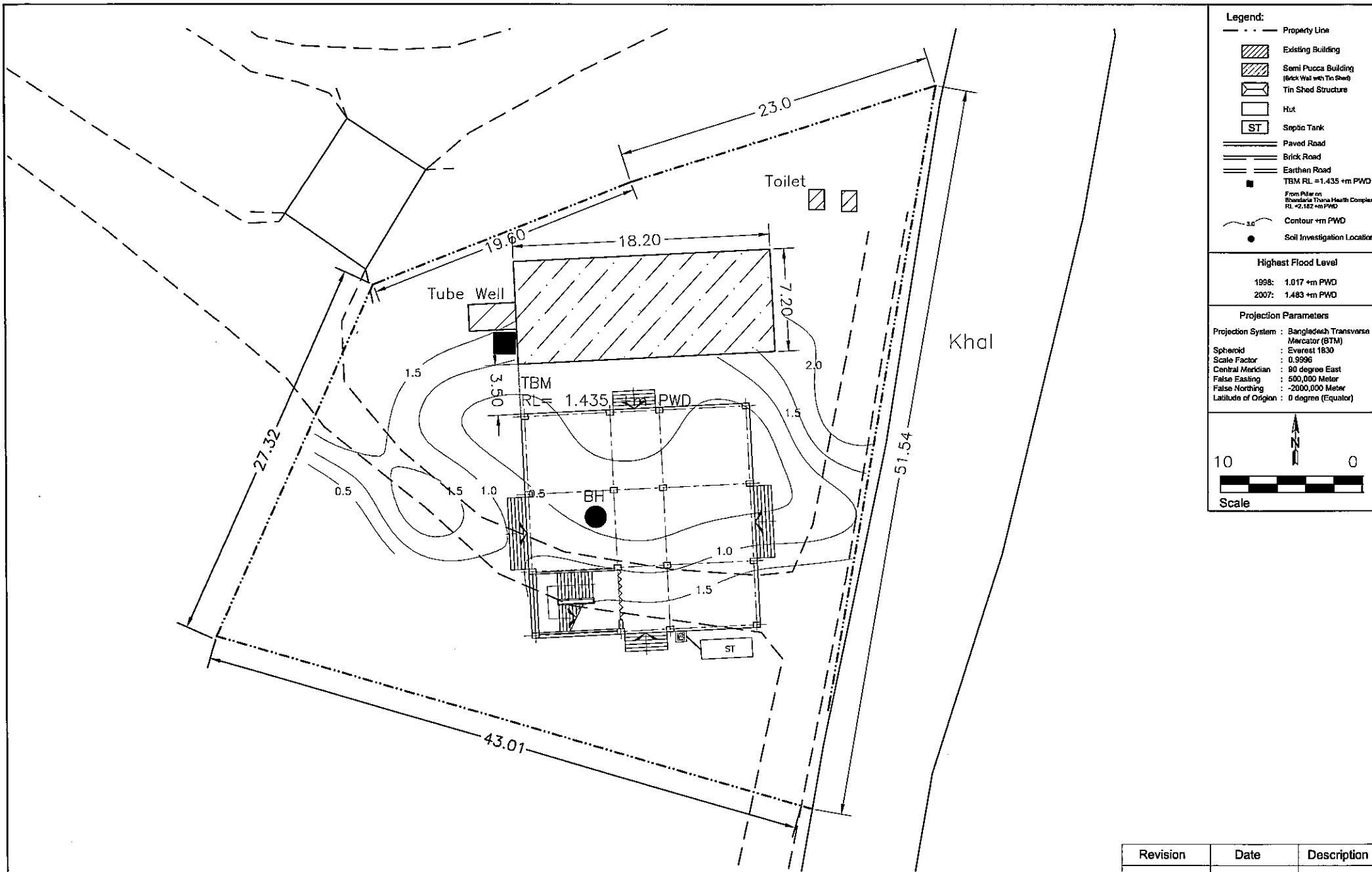
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Nali Charakgachia Govt. Primary School Union: Shapla Upazilla: Mathbaria District.: Pirojpur SI No & Code No: PR8, 502051105	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: PR8 - CSP DRAWN BY: J. Alam

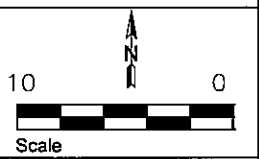


- Legend:**
- - - Property Line
 - [Hatched Box] Existing Building
 - [Hatched Box] Semi Pucca Building (Brick Wall with Tin Sheet)
 - [Hatched Box] Tin Shed Structure
 - [White Box] Hut
 - [ST Box] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with Center] TBM RL = 1.435 +m PWD
 - [Circle with Center] From Pillar on Bhandaria Thana Health Complex RL = 2.182 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Dot] Soil Investigation Location

Highest Flood Level	
1998:	1.017 +m PWD
2007:	1.483 +m PWD

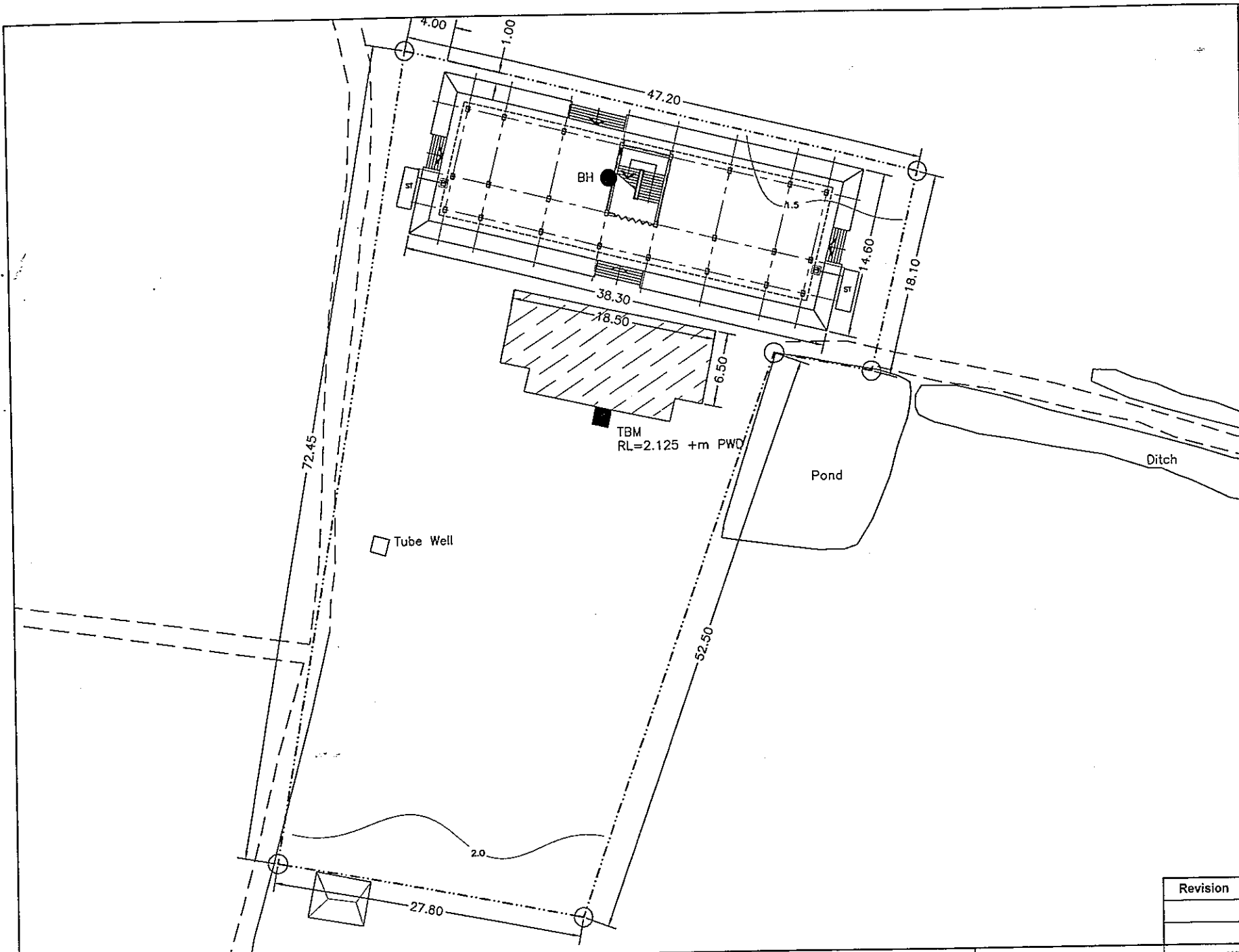
Projection Parameters

Projection System : Bangladesh Transverse
 Spheroid : Mercator (BTM)
 Scale Factor : Everest 1830
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 72 No. Uttar Purbo Bhandaria Govt. Primary School Union: Bhandaria Upazilla: Bhandaria District: Pirojpur SI No & Code No: PR9, 502040606	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY: NAOYUKI MINAMI	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PR9- CSP DRAWN BY: J. Alam SHEET NO: A/02 DATE: JULY, 2008
---	--	---	--	--	--



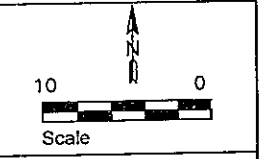
- Legend:**
- - - - - Property Line
 - Existing Building
 - Semi Pucca Building (Brick Wall with Tin Shed)
 - Tin Shed Structure
 - Hut
 - Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 2.125 +m PWD
 - Soil Investigation Location
 - Contour +m PWD

Highest Flood Level

1998:	2.728 +m PWD
2007:	2.614 +m PWD

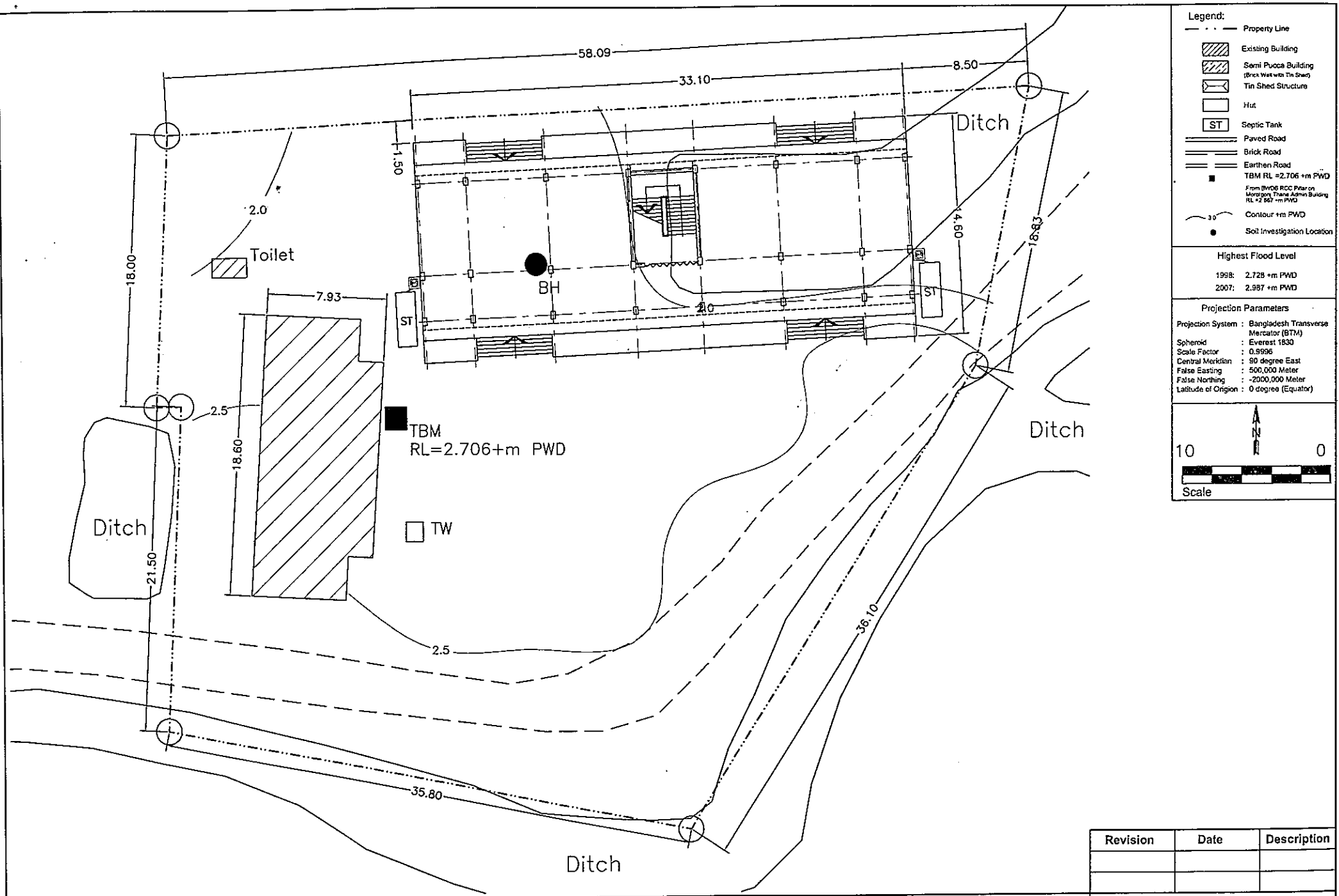
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

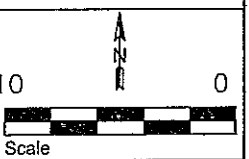
PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 28 No. Choto Birajuri Govt. Primary School Union: Kawkhali Upazilla: Kawkhali District.: Pirojpur ST No. & Code No: PR10. 502010310	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN
				DRG NO: PR 10- CSP	SHEET NO.- A/02
				DRAWN BY: J. Alam	DATE: JULY, 2008



- Legend:**
- - - - - Property Line
 - [Hatched Box] Existing Building
 - [Hatched Box] Semi Pucca Building (Brick Wall with Tin Shed)
 - [Box with X] Tin Shed Structure
 - [Empty Box] Hut
 - [Box with ST] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with TBM] TBM RL = 2.706 +m PWD
 - [Square with TBM] From BMD6 RCC Pillar on Morigoni Thana Admin Building RL = 2.867 +m PWD
 - [Wavy Line] Contour 1m PWD
 - [Dot] Soil Investigation Location

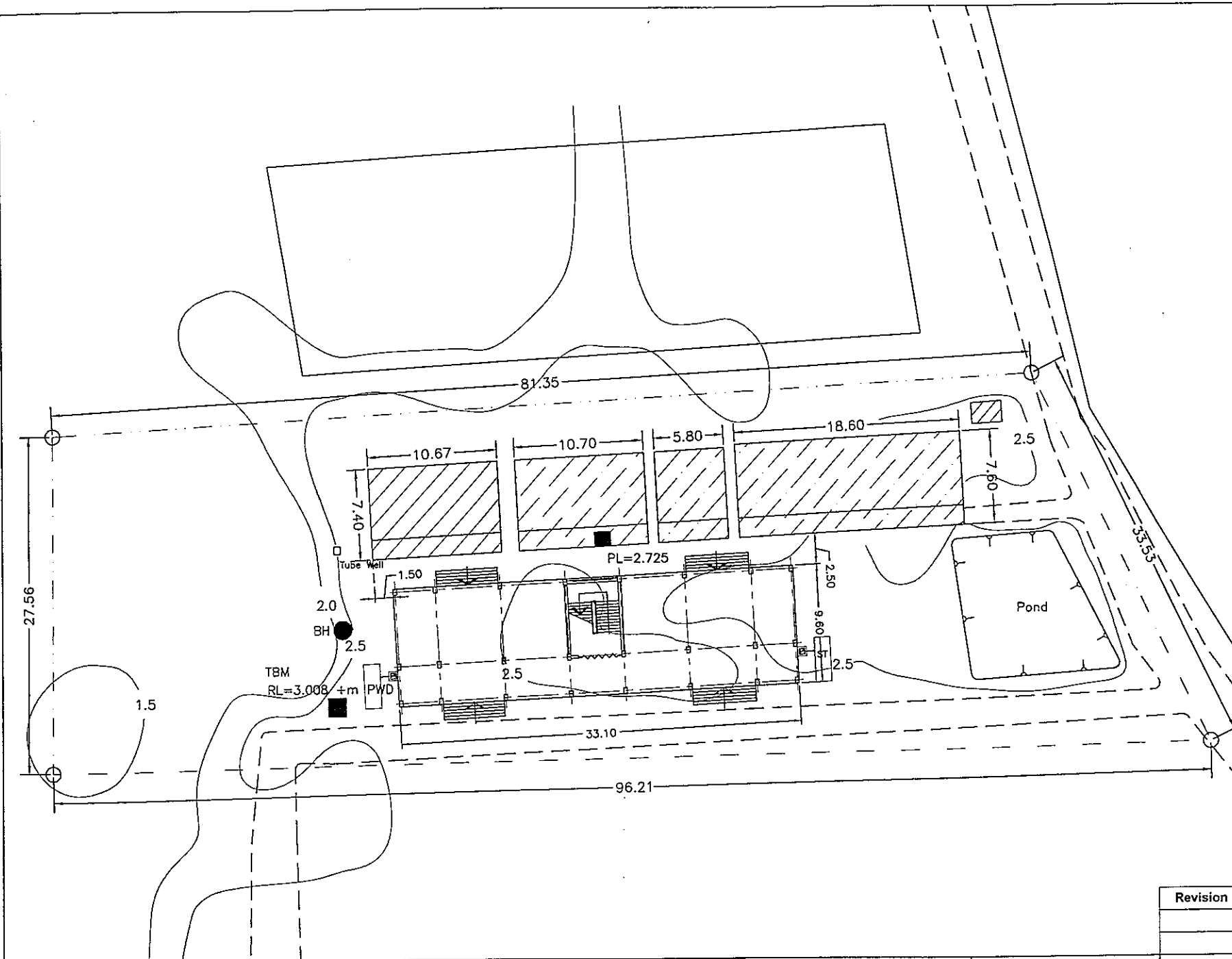
Highest Flood Level
 1998: 2.728 +m PWD
 2007: 2.987 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 14 No. Maddha Sonakur Govt. Primary School Upazilla: Kawkhali District: Pirojpur SI No & Code No: PR11, 502010204	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PR 11- CSP DRAWN BY: J. Alam
				SHEET NO.: A/02	DATE: JULY, 2008



Legend:

- - - Property Line
- [Hatched Box] Existing Building
- [Hatched Box] Semi Pucca Building (Brick Wall with Tin Sheet)
- [Hatched Box] Tin Shed Structure
- [Empty Box] Hut
- [Box with ST] Septic Tank
- [Double Line] Paved Road
- [Dashed Line] Brick Road
- [Dotted Line] Earthen Road
- [Square with TBM] TBM RL = 3.008 +m PWD
(From BYOB RCC Plan on Source Gate of Municipality 4328 RL +4.00 +m PWD)
- [Contour Line] Contour +m PWD
- [Dot] Soil Investigation Location

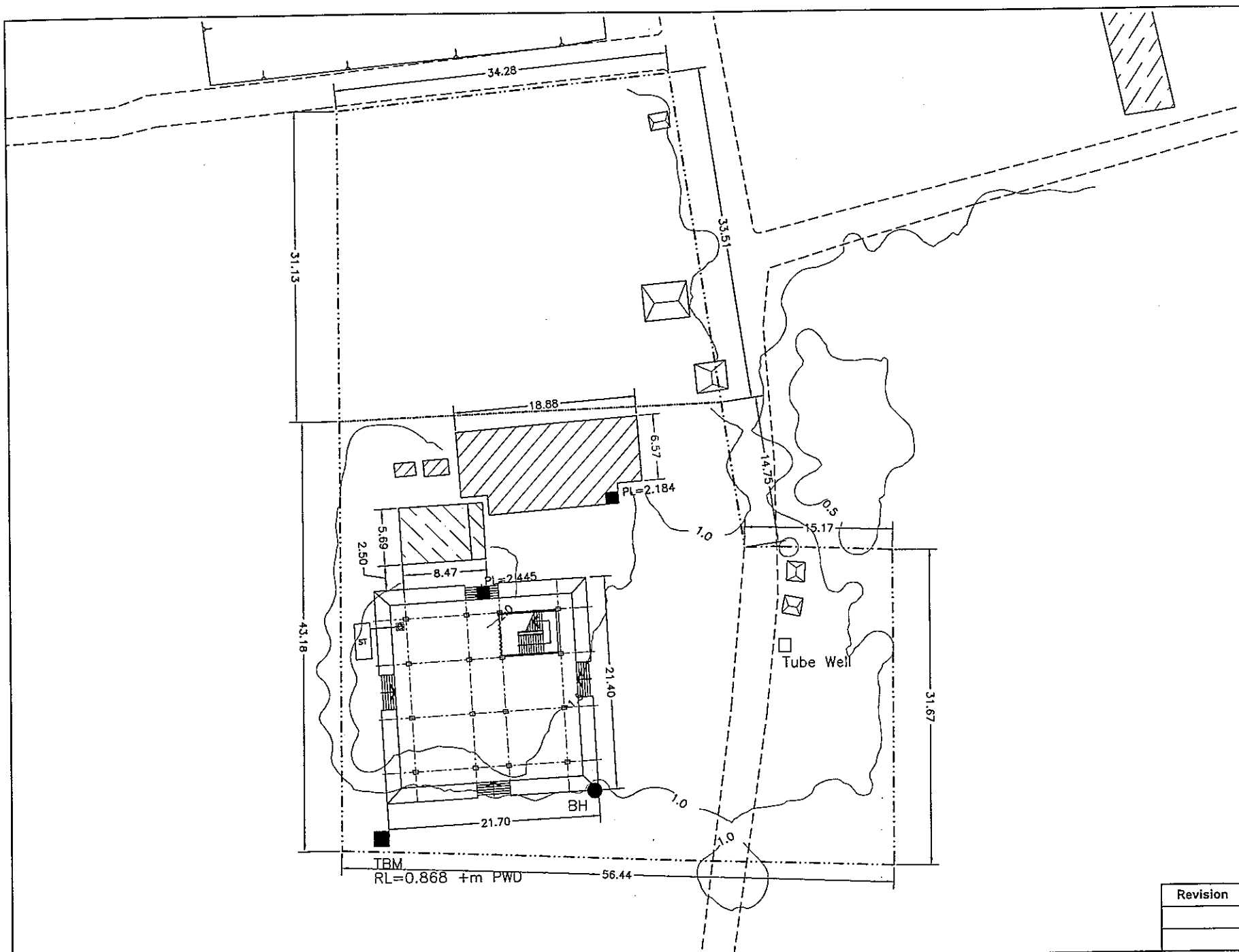
Highest Flood Level
 1970: 5.775 +m PWD
 2007: 3.898 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)

10 0
 Scale

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Algi Tafalbaria Govt. Primary School cum Cyclone Shelter Union: Char Montaz Upazilla: Galachipa District.: Patuakhali SI No & Code No: PT1, 505020106	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN
				DRG NO: PT1 - CSP	SHEET NO.- A/02
				DRAWN BY: J. Alam	DATE: JULY, 2008



Legend:

- Property Line
- Existing Building
- Semi Pucca Building (brick wall with Tin Sheet)
- Tin Shed Structure
- Hut
- ST
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 0.868 +m PWD
(From SDB
From Sazar
RL = 2.734 +m PWD)
- 3.0 Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1970: 4.293 +m PWD
2007: 2.587 +m PWD

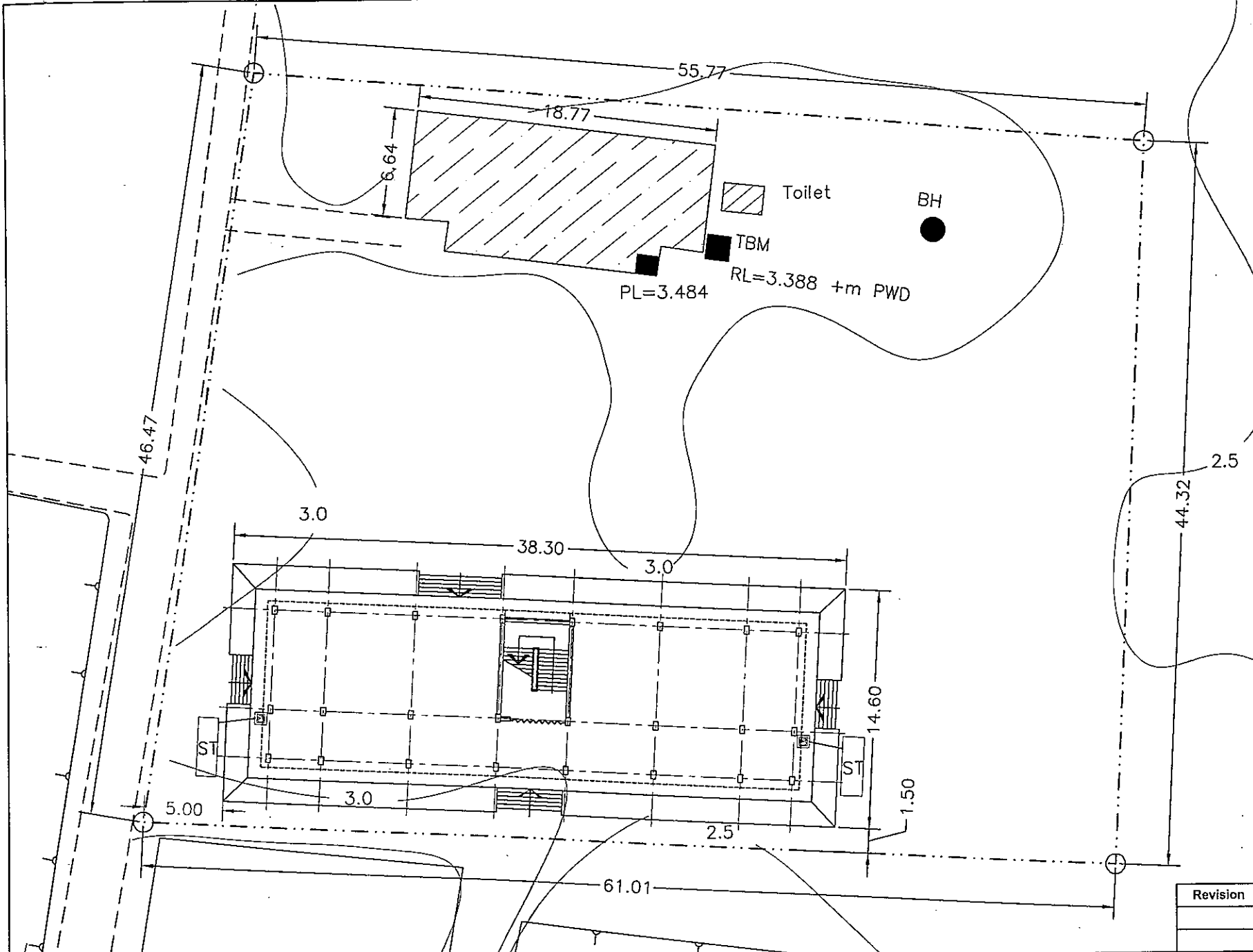
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9995
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

10 0
Scale

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Amlibari Govt. Primary School cum Cyclone Shelter Union: Rangabali Upazilla: Galachipa District.: Patuakhali SI No & Code No: PT2, 505020604	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PT2 - CSP SHEET NO.- A/02 DRAWN BY: J. Alam DATE: JULY, 2004



- Legend:**
- Property Line
 - Existing Building
 - Semi Puoca Building (Brick Wall with Tin Sheet)
 - Tin Shed Structure
 - Hut
 - ST Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 3.388 +m PWD
(From BWDB RCC Pilar on Slope Gate of Purbo Char Bishaws RL = 3.000 +m PWD)
 - 3.0 Contour +m PWD
 - Soil Investigation Location

Highest Flood Level

1991: 3.806 +m PWD
2007: 4.401 +m PWD

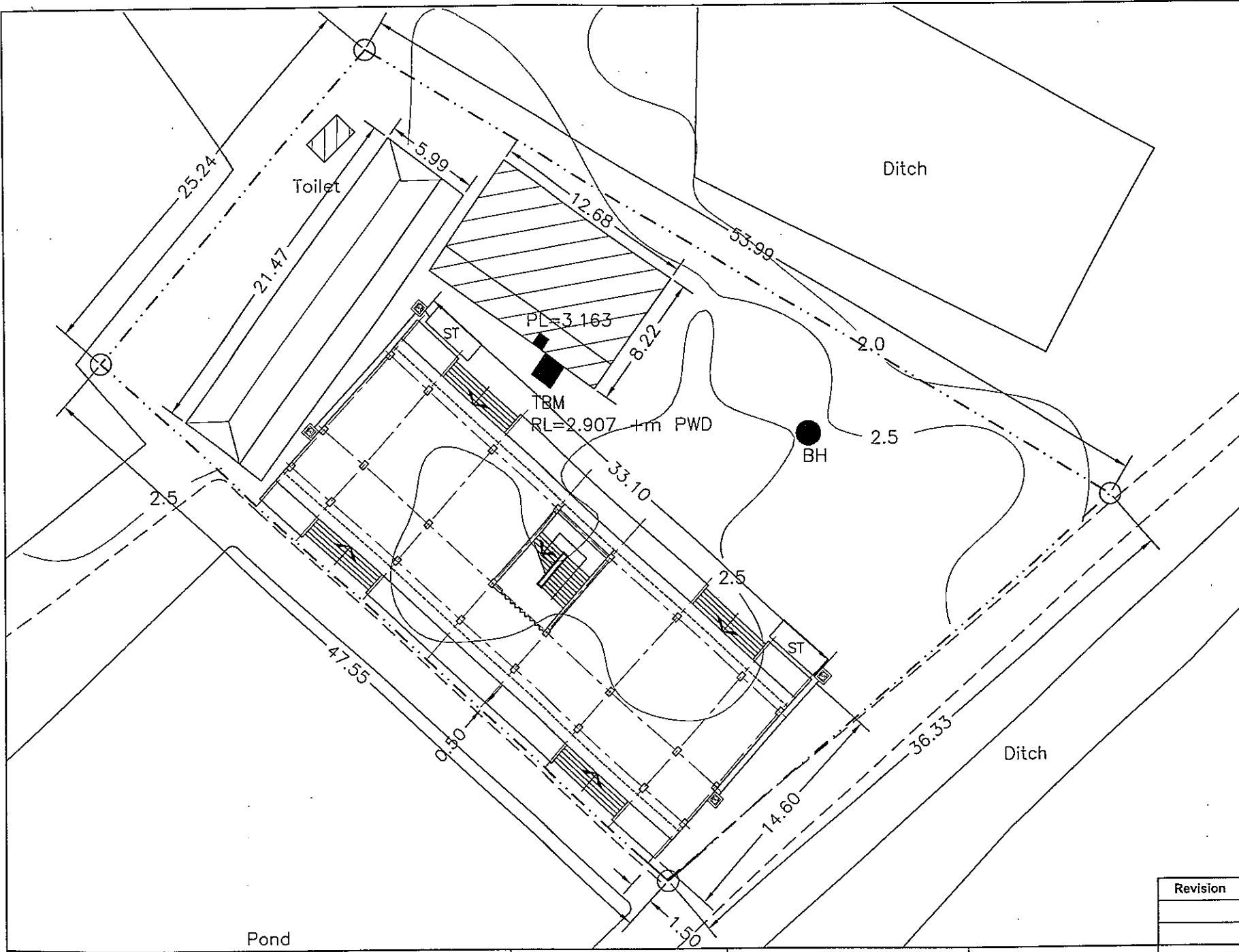
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Purbo Char Bishaws Govt. Primary School cum Cyclone Shelter Union: Char Bishaws Upazilla: Galachipa District: Patuakhali SI No & Code No: PT3, 505021404	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN
					DRG NO: PT3 - CSP SHEET NO.: A/02 DRAWN BY: J. Alam DATE: JULY, 2008

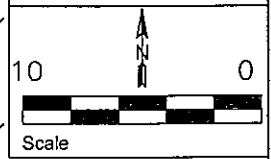


Legend:

- Property Line
- Building
- Semi Pucca Building (Brick Wall with Tin Sheet)
- Tin Shed Structure
- Hut
- ST Sepic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 2.907 +m PWD
(From BWDs POC Point on Sluice Gate of Patarchar 552D RL = 4.50 +m PWD)
- Contour +m PWD
- Soil Investigation Location

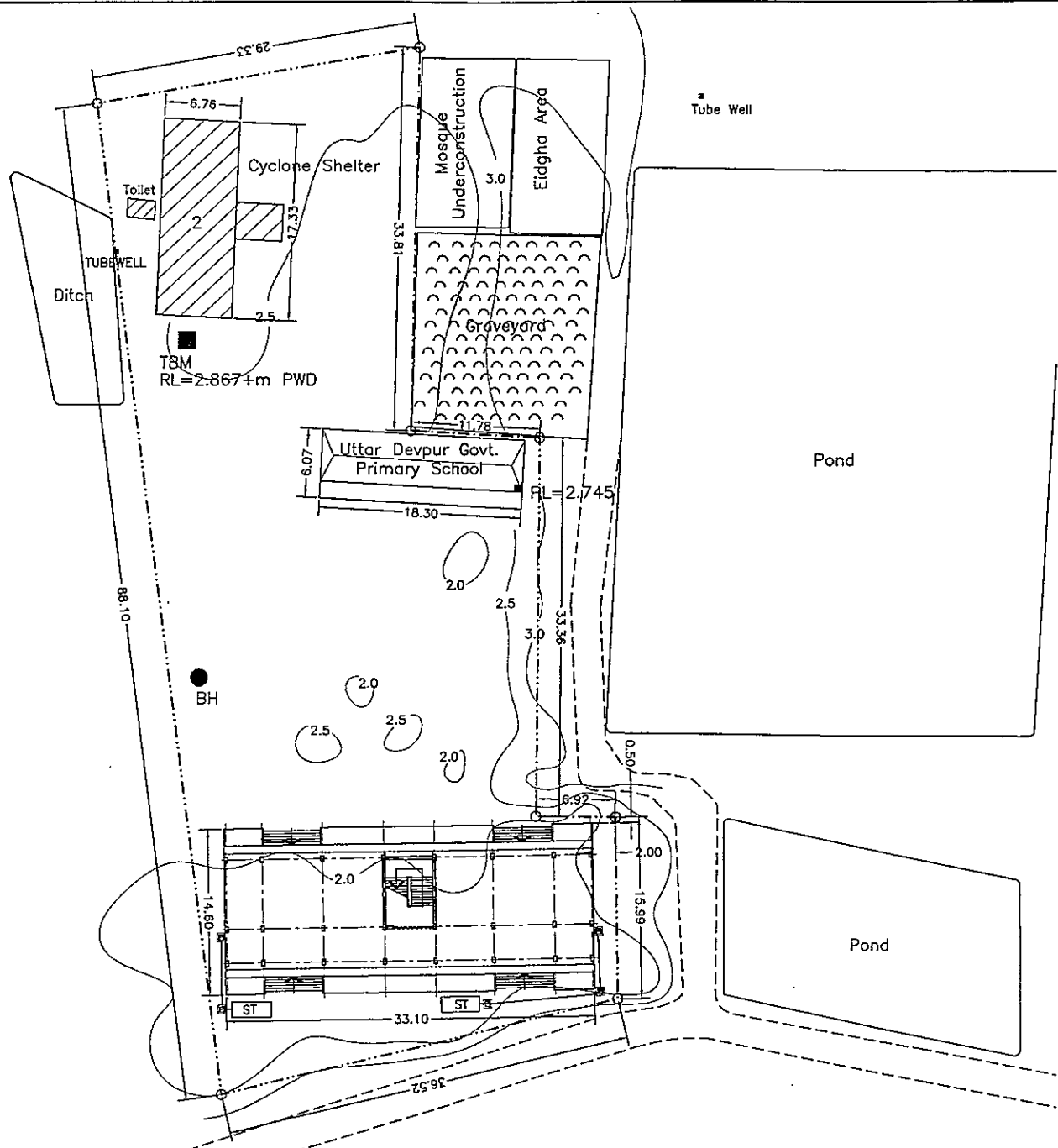
Highest Flood Level
 1991: 3.806 +m PWD
 2007: 4.401 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Patarchar Govt. Primary School cum Cyclone Shelter Union: Rongopaldi Upazilla: Dosmina District: Patuakhali SI No & Code No: PT4, 505030401	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: PT4 - CSP SHEET NO.- A/02 DRAWN BY: J. Alam DATE: JULY, 2008



Legend:

- Property Line
- ▨ Existing Building
- ▧ Semi Pucca Building (Brick Wall with Tin Shed)
- ▩ Tin Shed Structure
- Hut
- ST Septic Tank
- == Paved Road
- Brick Road
- Earthen Road
- TBM RL = 2.867 +m PWD
- From BMDB RCC Plan of West Side of District Stage 542 RL = 4.880 +m PWD
- ~ 3.0 Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1970: 7.837 +m PWD
2007: 5.087 +m PWD

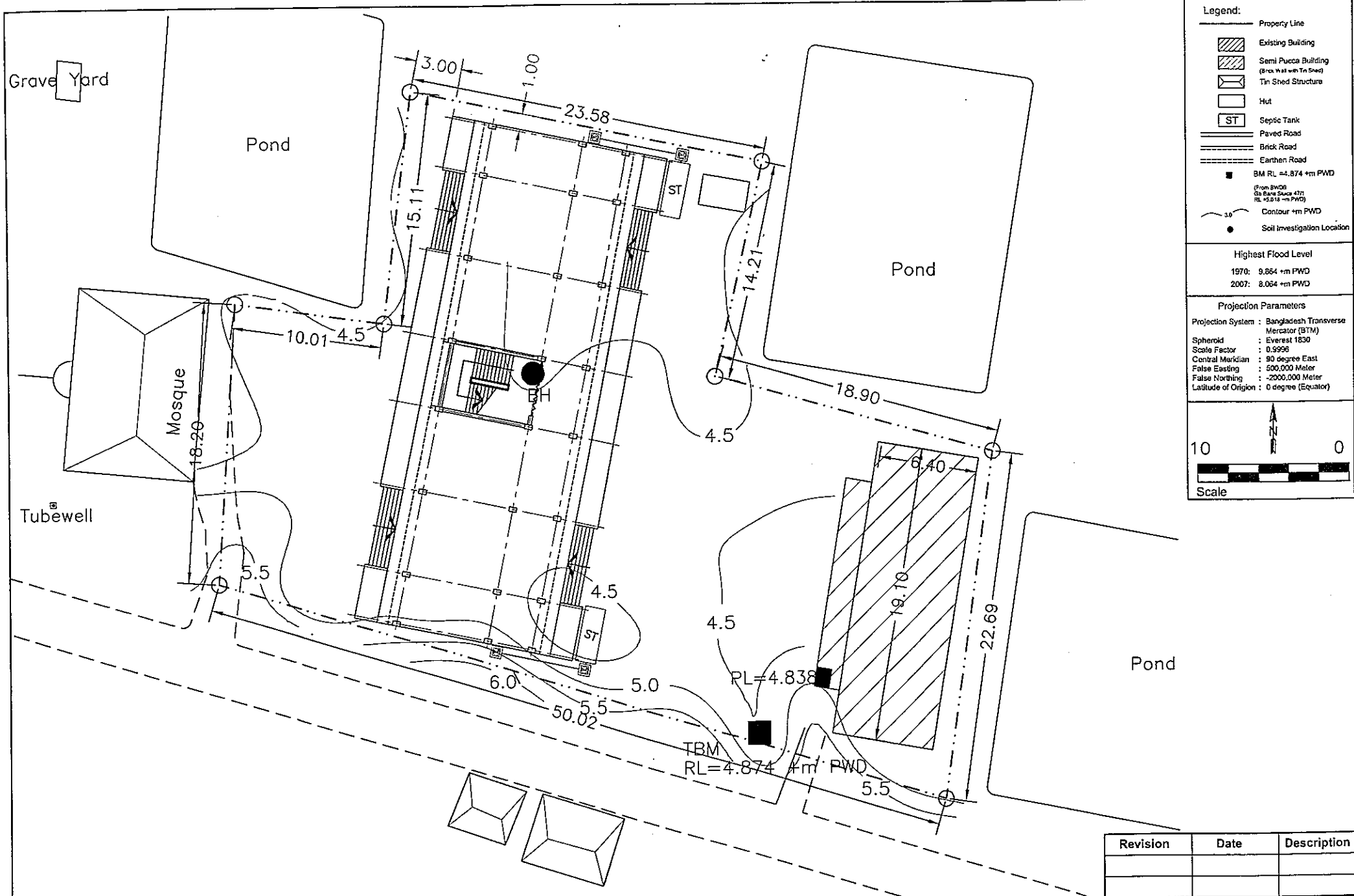
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

Scale

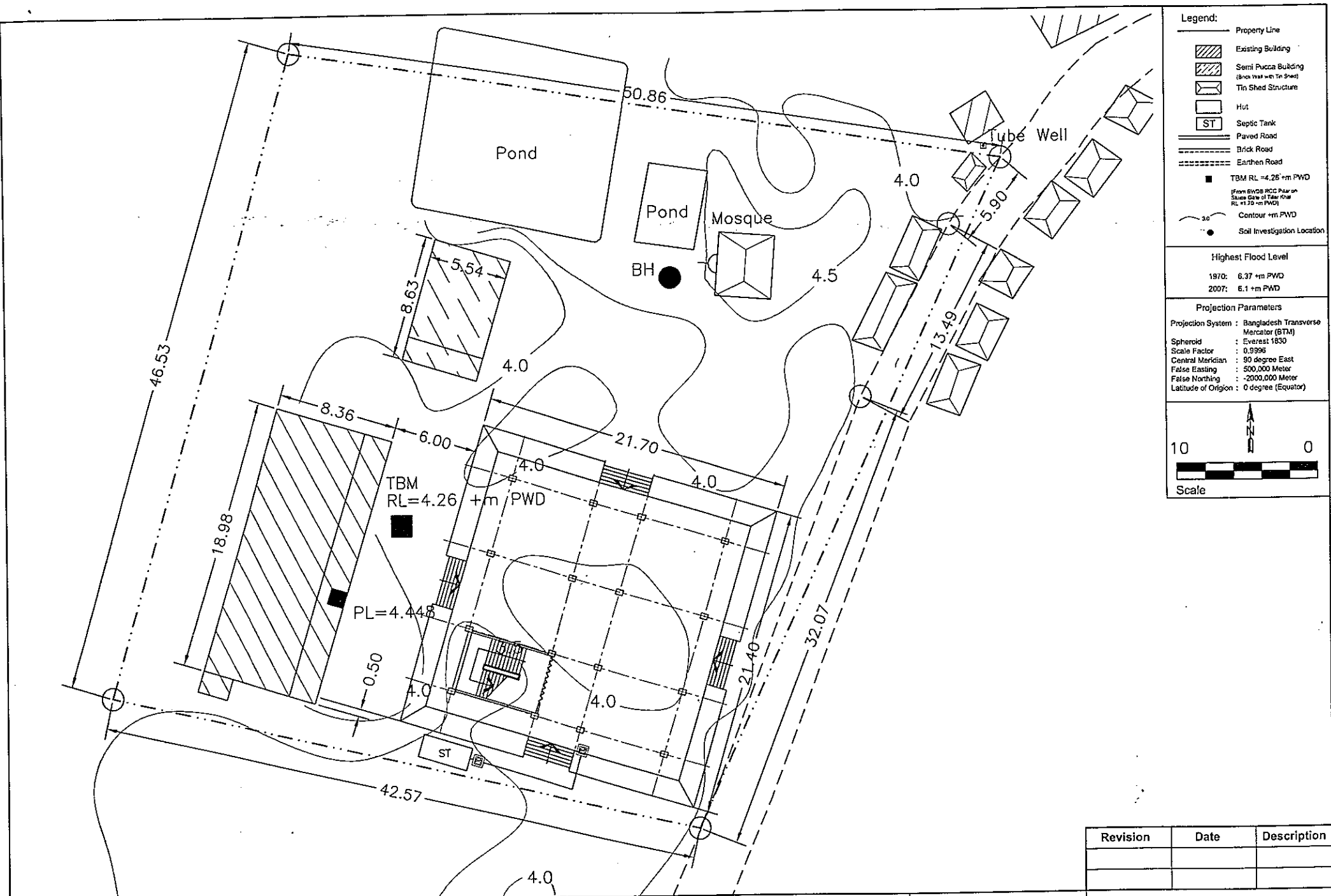
Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Uttar Debpur Govt. Primary School cum Cyclone Shelter Union: Dhankhali Upazilla: Kolapara District: Patuakhali SI No & Code No: PT5, 505010903	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: PT5 - CSP DRAWN BY: J. Alam
				SHEET NO. - A/02	DATE: JULY, 2008



Revision	Date	Description

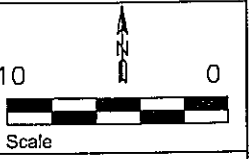
PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Maherpur Govt. Primary School cum Cyclone Shelter Union: Khaprabangha Upazilla: Kolapara District.: Patuakhali SI No & Code No: PT6, 505010607	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PT6 - CSP DRAWN BY: J. Alam	SHEET NO.: A/02 DATE: JULY, 2008
---	---	---	--	--	---	---



- Legend:**
- Property Line
 - Existing Building
 - Semi Pucca Building (Brick wall with Tin Sheet)
 - Tin Shed Structure
 - Hut
 - ST
 - Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 4.26 +m PWD
 - From 6/08 RCC Plan on Same Date of Title Plan RL = 4.75 +m PWD
 - Contour +m PWD
 - Soil Investigation Location

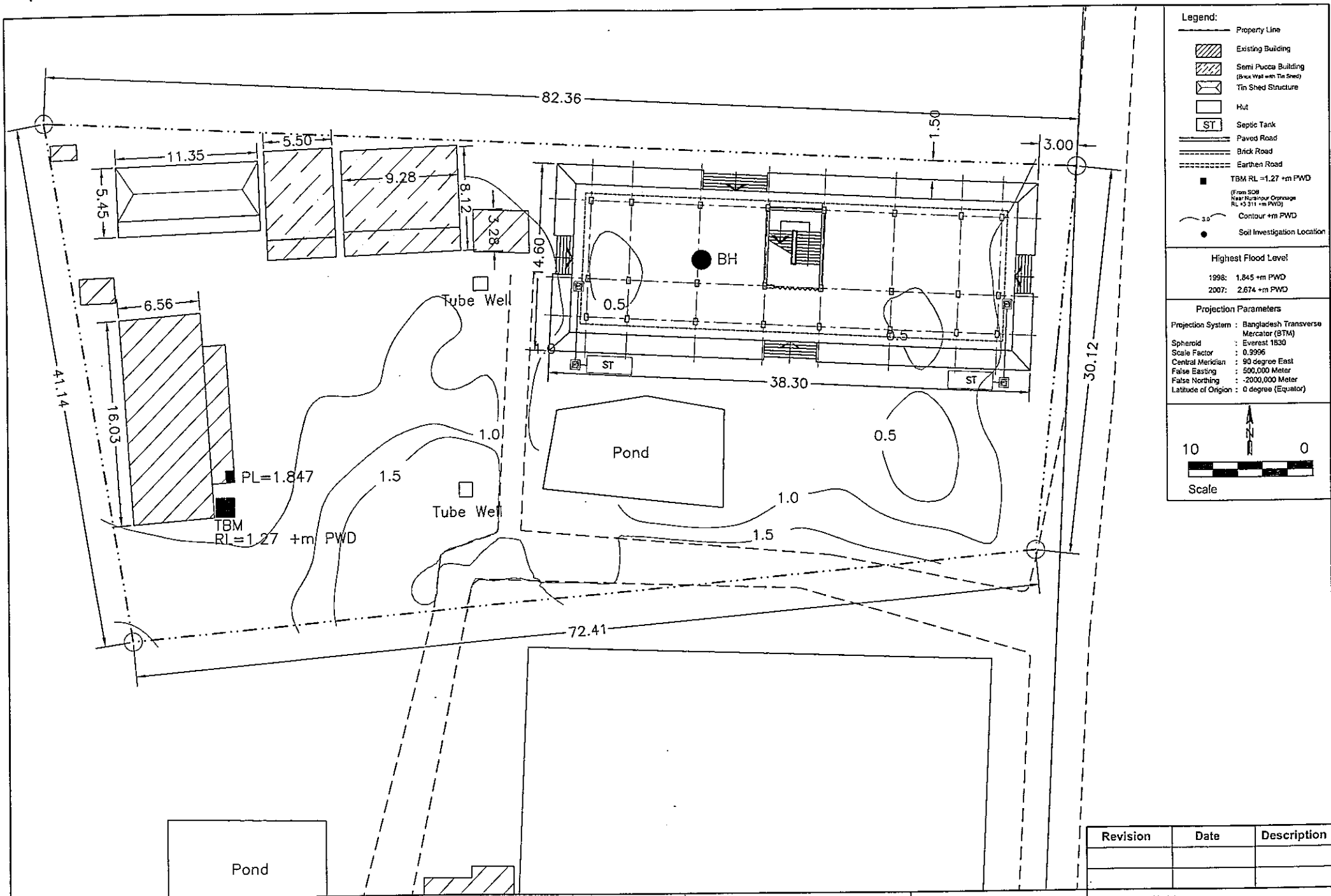
Highest Flood Level
 1970: 6.37 +m PWD
 2007: 6.1 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9995
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

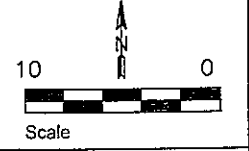
PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SiDRH in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Mati Bhanga Govt. Primary School cum Cyclone Shelter Union: Chotobeghai Upazilla: Sadar District: Patuakhali SI No & Code No: PT7, 505041203	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PT7 - CSP SHEET NO.: A/02 DRAWN BY: J. Alam DATE: JULY, 2008



- Legend:**
- Property Line
 - [Hatched Box] Existing Building
 - [Diagonal Hatched Box] Semi Pucca Building (Brick Wall with Tin Shed)
 - [Box with X] Tin Shed Structure
 - [Empty Box] Hut
 - [Box with ST] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with RL] TBM RL = 1.27 +m PWD
(From SDB Near Rainfall Gauge RL +3.11 +m PWD)
 - [Wavy Line] Contour +m PWD
 - [Dot] Soil Investigation Location

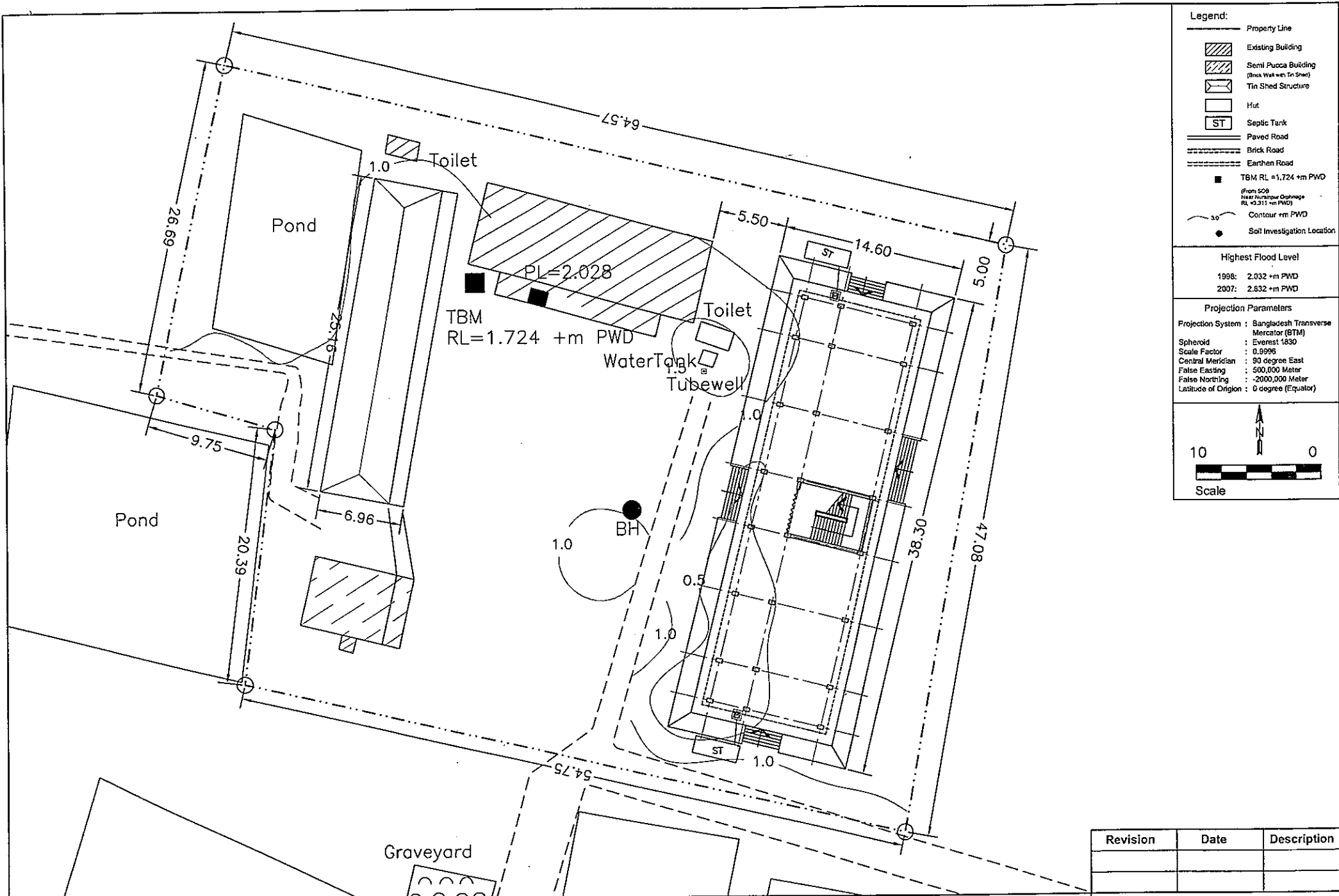
Highest Flood Level
 1998: 1.845 +m PWD
 2007: 2.674 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

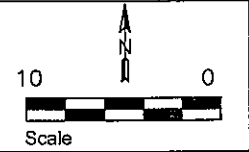
PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 49 No. Kolta Govt. Primary School cum Cyclone Shelter Union: Konaskdia Upazilla: Bauphal District.: Patuakhali SI No & Code No: PT8, 505050206	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: PT8 - CSP DRAWN BY: J. Alam	SHEET NO.: A/02 DATE: JULY, 2008
---	---	---	--	--	---	---



- Legend:**
- Property Line
 - Existing Building
 - Semi Pucca Building (Brick Wall with Tin Sheet)
 - Tin Shed Structure
 - Hut
 - ST Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 1.724 +m PWD
 - (From SOB Near Tubewell Opposite RL = 2.311 +m PWD)
 - Contour +m PWD
 - Soil Investigation Location

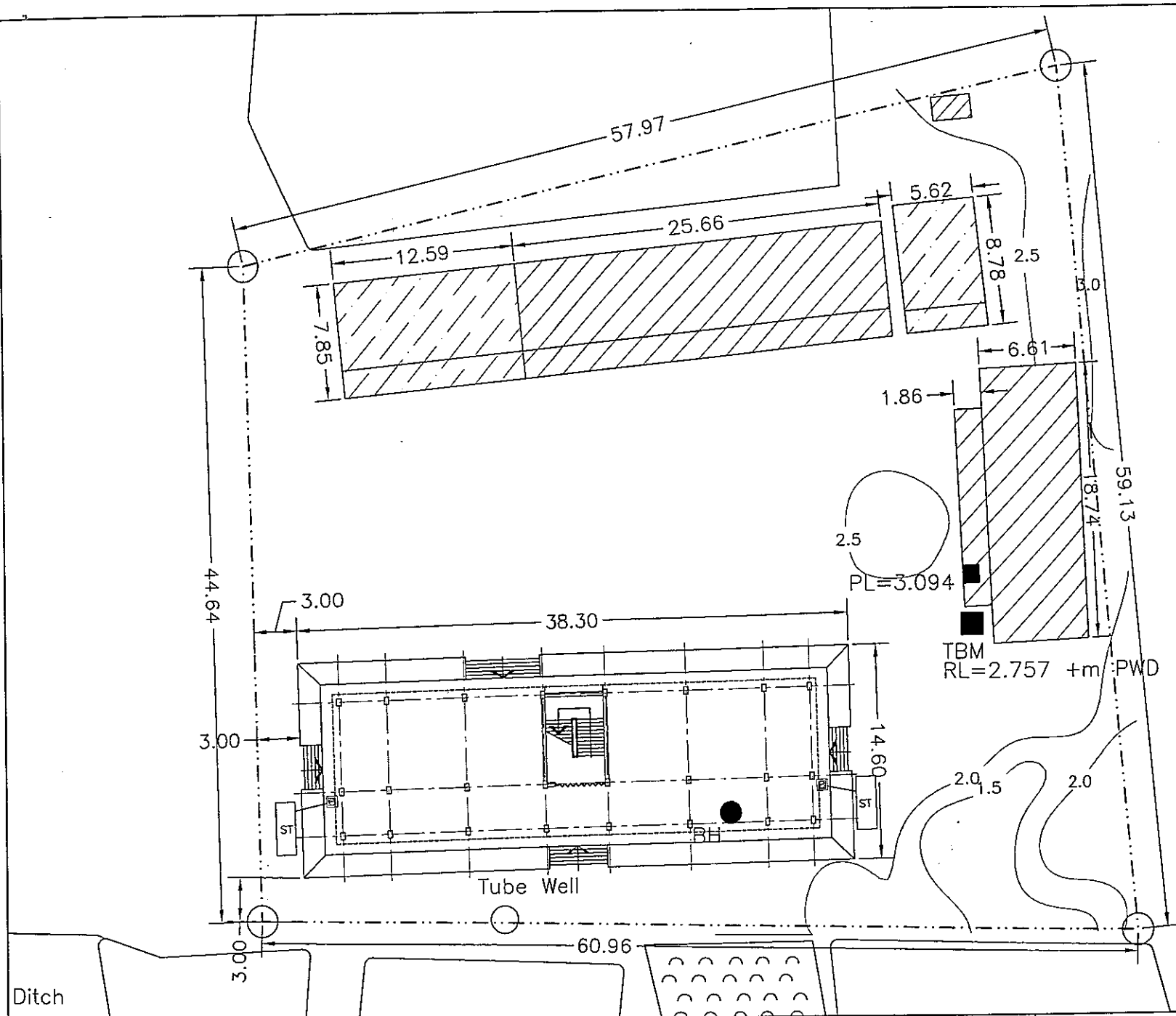
Highest Flood Level
 1998: 2.032 +m PWD
 2007: 2.632 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9995
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 65 No. Purba Madanpura Govt. Primary School cum Cyclone Shelter Union: Madanpura Upazilla: Bauphal District: Patuakhali SI No & Code No: PT9, 505050305	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN
					DRG NO: PT9 - CSP SHEET NO.: A/02 DRAWN BY: J. Alam DATE: JULY, 2008



Legend:

- Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Shed)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 2.757 +m PWD
- Soil Investigation Location

(From SOB
Eng Bazar High School Field
RL = 2.757 +m PWD)

Contour +m PWD

Soil Investigation Location

Highest Flood Level

1970: 5.90 +m PWD
2007: 2.90 +m PWD

Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

N

10 0

Scale

Revision	Date	Description

CHECKED BY: KOJI ODA	
DESIGN BY: SYED MOBASHWER HOSSAIN	
DRG NO: PT10 - CSP	SHEET NO. - AJ02
DRAWN BY: J. Alam	DATE: JULY, 2008

PROJECT	NAME, LOCATION & SCHOOL CODE	CLIENT	CONSULTANTS	DRAWING TITLE:	CHECKED BY: KOJI ODA
The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	Name: Purba Kalaiya Govt. Primary School cum Cyclone Shelter Union: Kalaiya Upazilla: Bauphal District: Patuakhali SI No & Code No: PT10, 505050602	JAPAN INTERNATIONAL COOPERATION AGENCY	YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	SITE LAYOUT PLAN	DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: PT10 - CSP
					SHEET NO. - AJ02
					DATE: JULY, 2008

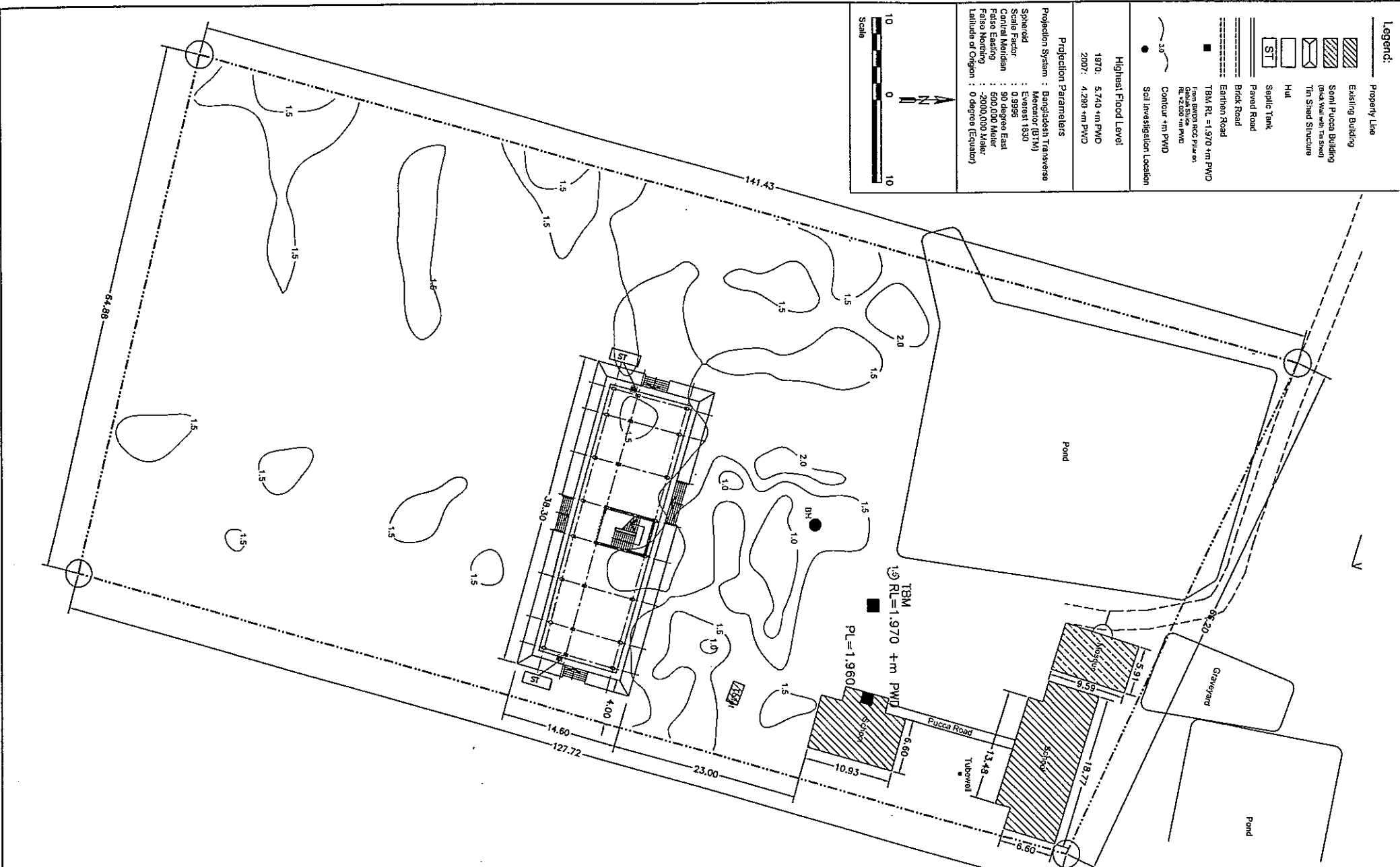
Legend:

- Property Line
- Existing Building
- Semi Pucca Building (Indicate with 'm' Shield)
- Tin Shed Structure
- Hall
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 1.970 +m PWD
- From Bangla acc. plan on Geodetic RL = 2.000 +m PWD
- Contour +m PWD
- Soil Investigation Location

Highest Flood Level:
 1970: 5.740 +m PWD
 2007: 4.290 +m PWD

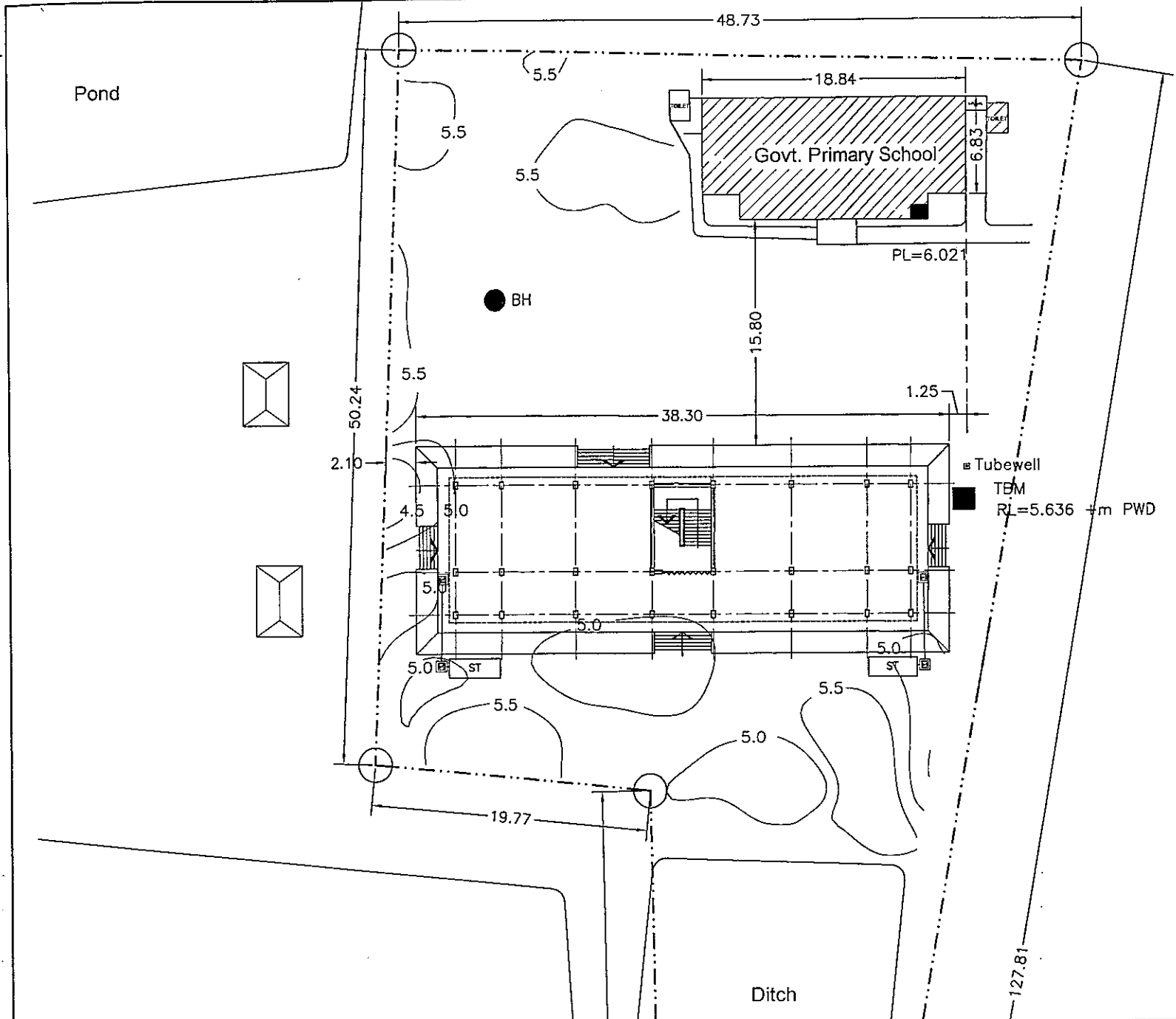
Projection Parameters:
 Projection System : Bangladesh Transverse Spheroid Mercator (UTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)

Scale 1:10,000



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Gabtali Govt. Primary School Union: Sarisamari Upazilla: Betagi District: Barguna SI No & Code No: BR1, 504050708	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BR1 - CSP DRAWN BY: J. Alam	SHEET NO.: A/02 DATE: JULY, 2008
---	--	---	--	--	---	---



Legend:

- Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Shed)
- Tin Shed Structure
- Hut
- ST
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 5.636 +m PWD
- From BWDB RCC Pillar on Badurtala Bazar Square RL = 5.180 +m PWD
- Contour +m PWD
- Soil Investigation Location

Haight Flood Level

1970: 9.051 +m PWD
2007: 7.301 +m PWD

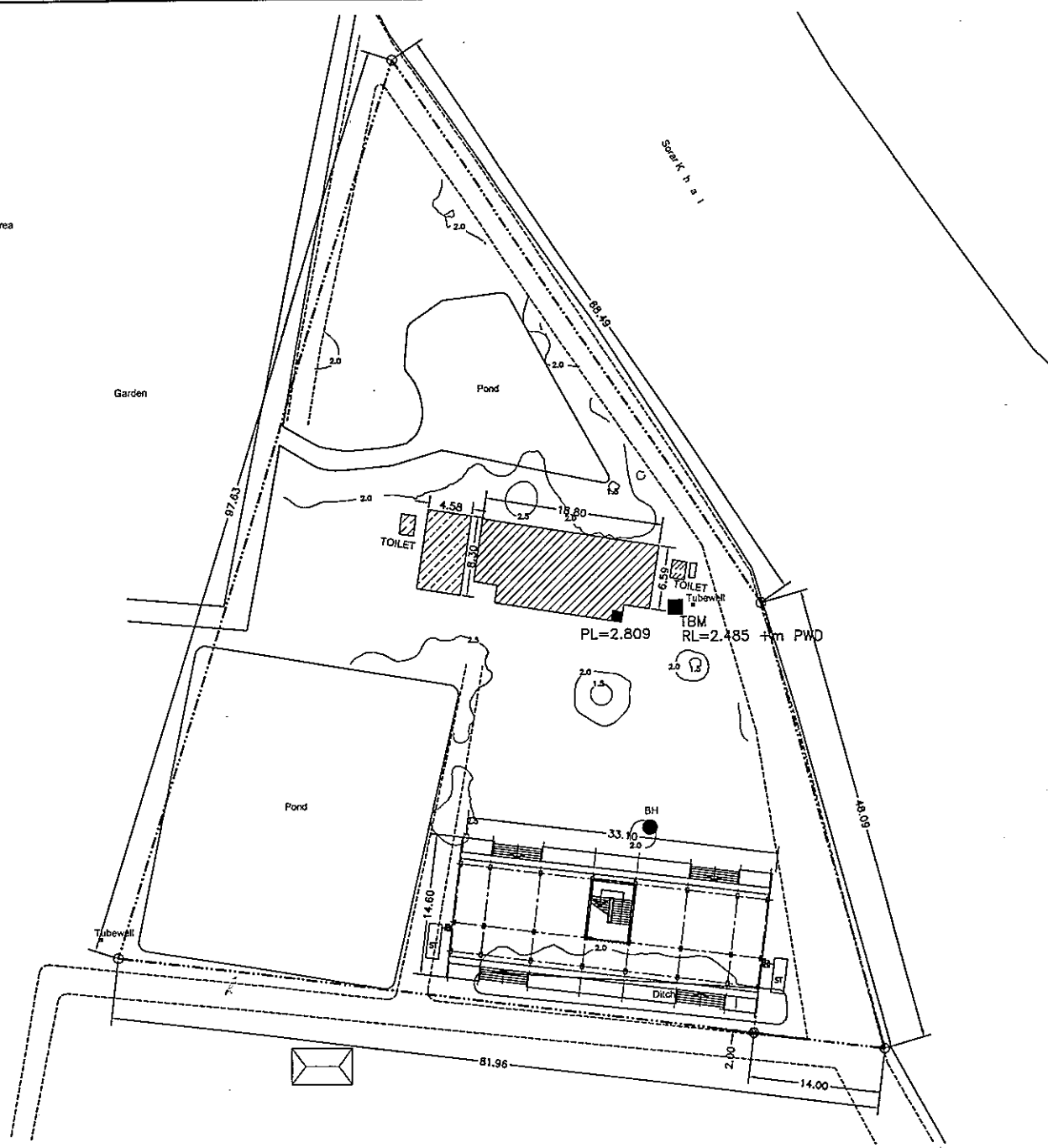
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

10 0
Scale

Revision	Date	Description

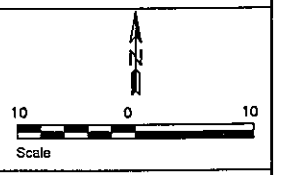
PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 27No. Badurtala Govt. Primary School Union: Patharghata sader Upazilla: Patharghata District.: Barguna SI No & Code No: BR2, 504020709	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BR2 - CSP DRAWN BY: J. Alam
				APPROVED BY:	SHEET NO.: AJ/02 DATE: JULY, 2008



- Legend:**
- Property Line
 - Existing Building
 - Semi Pucca Building (Brick Wall with Tin Shed)
 - Tin Shed Structure
 - Hut
 - Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 2.485 +m PWD
From BW09 RCC Pillar on Kathaltoli Sluice
RL = 4.870 +m PWD
 - Contour +m PWD
 - Soil Investigation Location

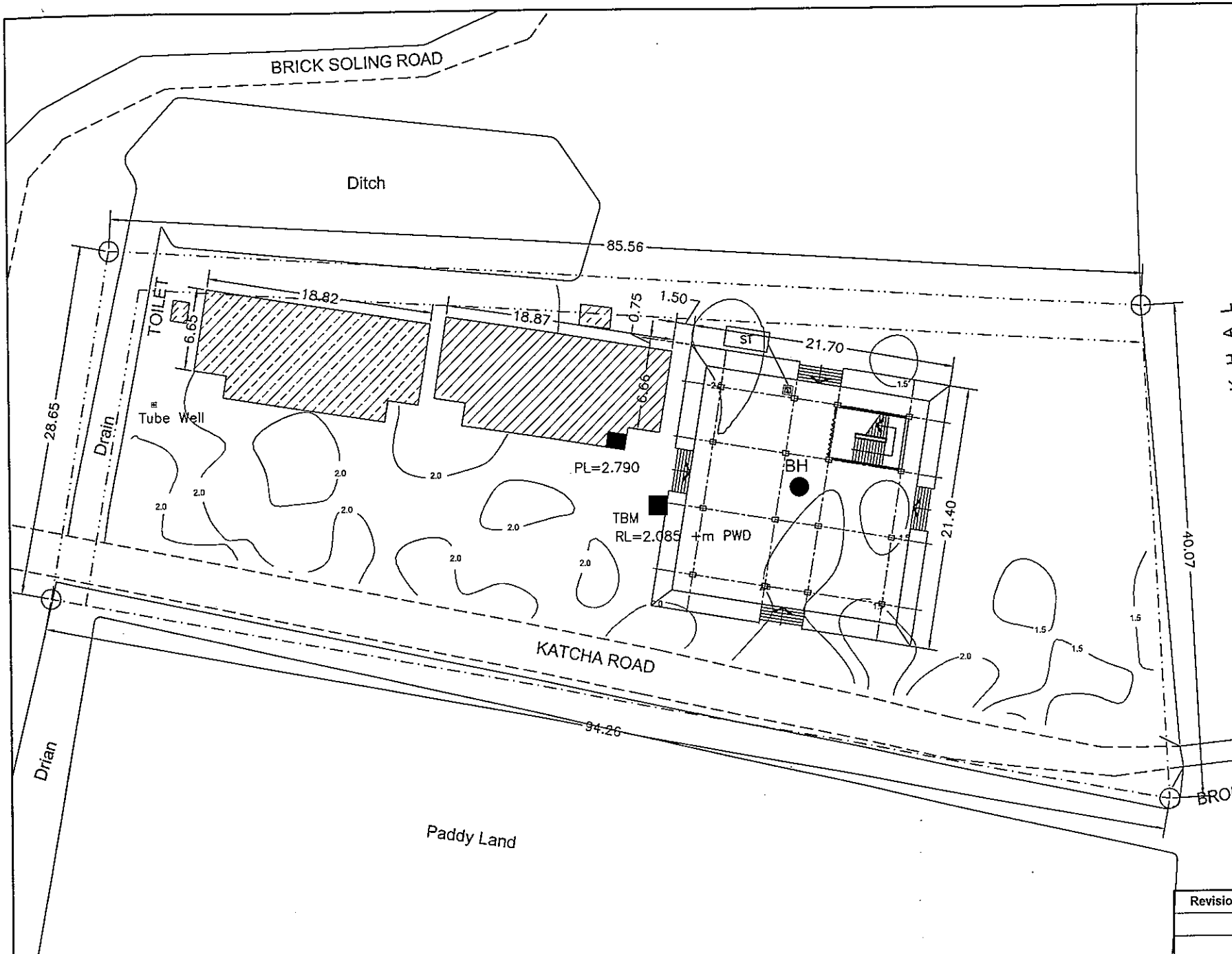
Highest Flood Level
 1970: 5.582 +m PWD
 2007: 5.052 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 56No. Burjukpur Govt. Primary School Union: Kathaltoli Upazilla: Patharghata District.: Barguna SI No & Code No: BR3, 504020106	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BR3 - CSP DRAWN BY: J. Alam



Legend:

- Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Shed)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 2.085 +m PWD
From BWDB RCC Pillar on Takar Khal Sluice
RL = 4.510 +m PWD
- Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1970: 6.303 +m PWD
2007: 5.203 +m PWD

Projection Parameters

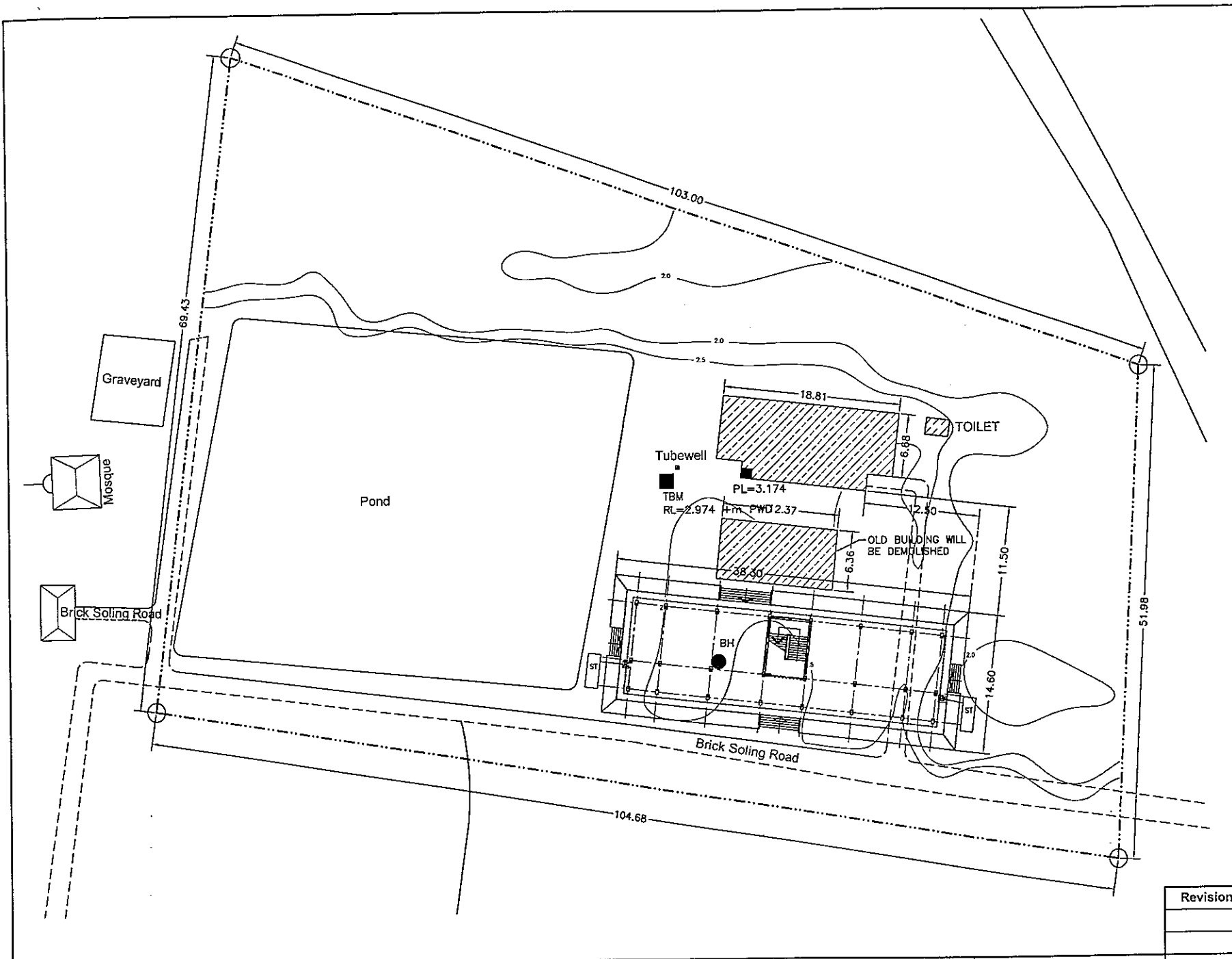
Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9998
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

K H A L

Scale: 10 0

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 12No. Sairabad Govt. Primary School Union: Charduani Upazilla: Patharghata District: Barguna SI No & Code No: BR4, 504020302	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA
					DESIGN BY: SYED MOBASHWER HOSSAIN
				DRG NO: BR4 - CSP	SHEET NO.: A/02
				DRAWN BY: J. Alam	DATE: JULY, 2008

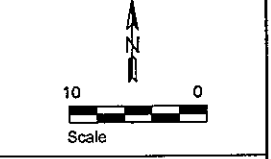


- Legend:**
- Property Line
 - Existing Building
 - Semi Pucca Building (Brick Wall with Tin Shed)
 - Tin Shed Structure
 - Hut
 - Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 2.974 +m PWD
 - From BWDB RCC Filter on Nishanbaria Sluice RL = 2.440 +m PWD
 - Contour +m PWD
 - Soil Investigation Location

Highest Flood Level	
1970:	5.200 +m PWD
2007:	5.900 +m PWD

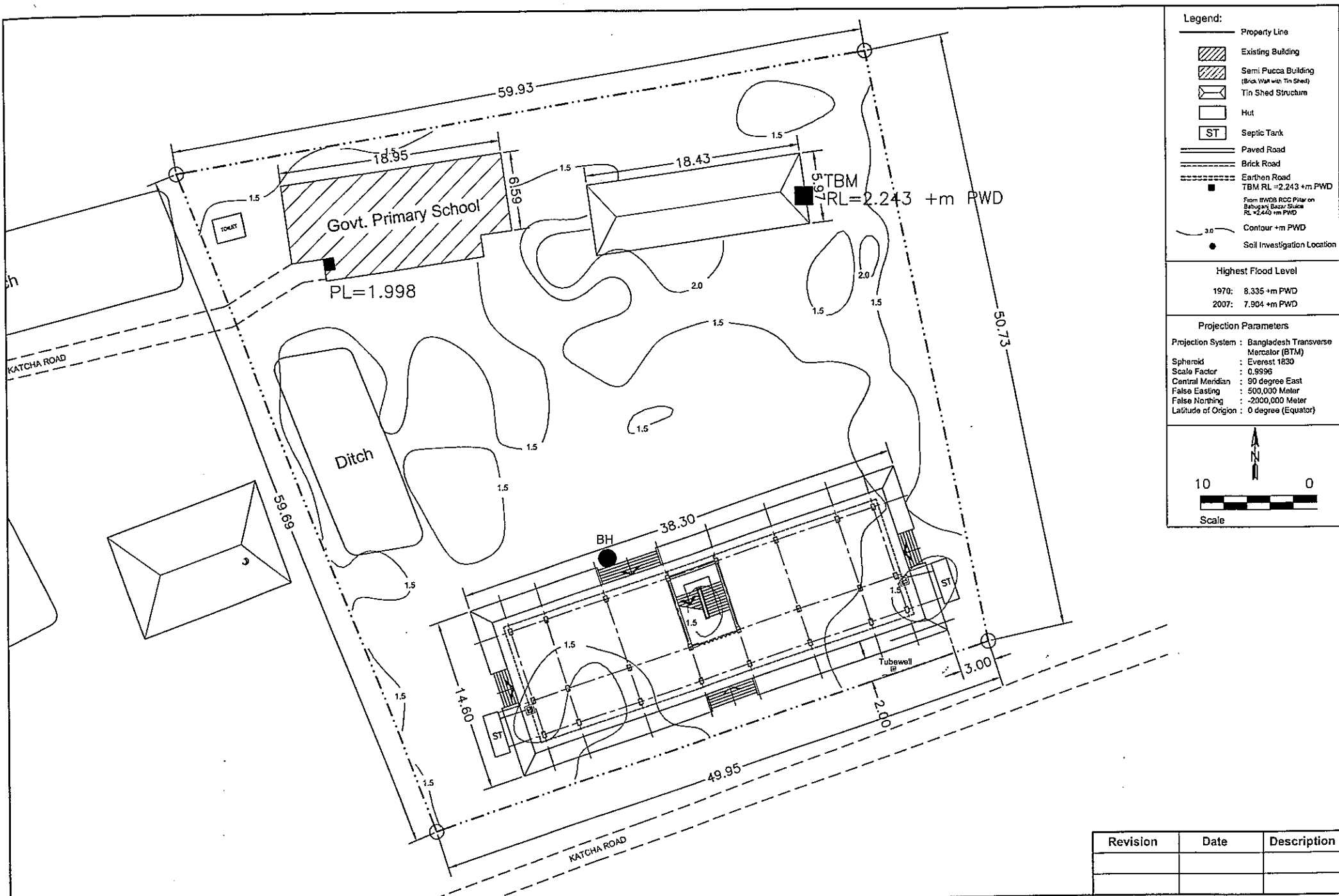
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Nishanbaria Govt. Primary School School Union: Noltona Upazilla: Sadar District: Barguna SI No & Code No: BR5, 504031008	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOGASHWER HOSSAIN DRG NO: BR5 - CSP SHEET NO.: A/02 DRAWN BY: J. Alam DATE: JULY, 2008
---	--	---	--	--	--



Legend:

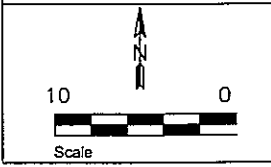
- Property Line
- Existing Building
- Semi Pucca Building (Rica. Wall with Tin Sheet)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL=2.243 +m PWD
- From BWSB RCC Pillar on Babagan Bazar Sluice RL=2.440 +m PWD
- Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1970: 8.335 +m PWD
2007: 7.904 +m PWD

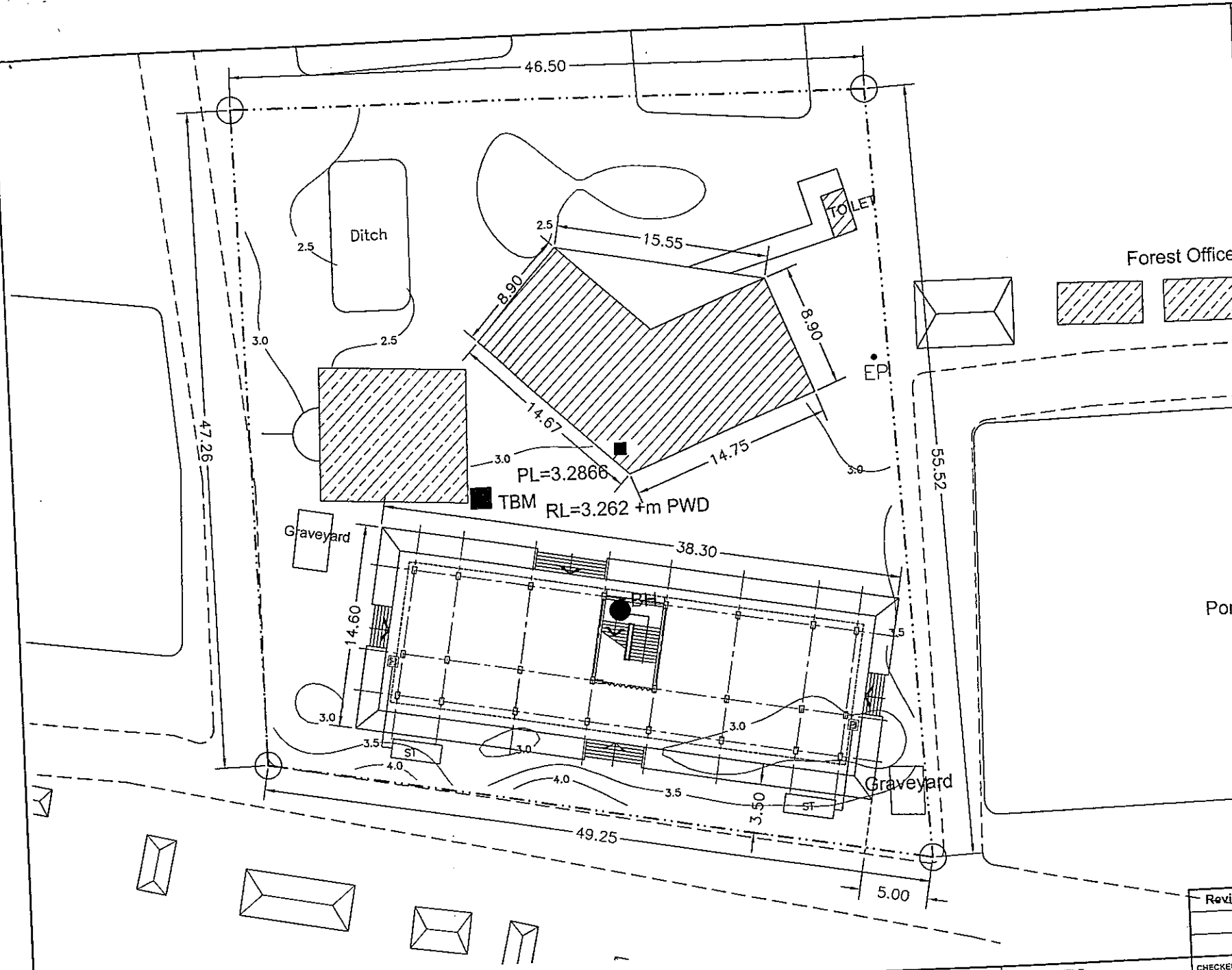
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

<p>PROJECT</p> <p>The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh</p>	<p>NAME, LOCATION & SCHOOL CODE</p> <p>Name: Sonbunia Govt. Primary School Union: M. Baliatoli Upazilla: Sadar District.: Barguna SI No & Code No: BR6. 504030910</p>	<p>CLIENT</p> <p> JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>CONSULTANTS</p> <p> YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.</p>	<p>DRAWING TITLE:</p> <p>SITE LAYOUT PLAN</p> <p>APPROVED BY:</p>	<p>CHECKED BY: KOJI ODA</p> <p>DESIGN BY: SYED MOBASHWER HOSSAIN</p> <table border="1"> <tr> <td>DRG NO: BR6 - CSP</td> <td>SHEET NO. - A/02</td> </tr> <tr> <td>DRAWN BY: J. Alam</td> <td>DATE: JULY, 2008</td> </tr> </table>	DRG NO: BR6 - CSP	SHEET NO. - A/02	DRAWN BY: J. Alam	DATE: JULY, 2008
DRG NO: BR6 - CSP	SHEET NO. - A/02								
DRAWN BY: J. Alam	DATE: JULY, 2008								



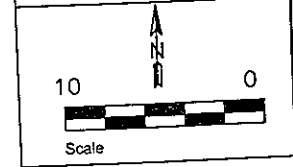
- Legend:**
- Property Line
 - Existing Building
 - Semi Pucca Building (Brick Wall with Tin Sheet)
 - Tin Shed Structure
 - Hut
 - Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 3.262 +m PWD
 - From BMDP RCC Pillar on Nicra Stake Station RL = 5.180 +m PWD
 - Contour +m PWD
 - Soil Investigation Location

Highest Flood Level

1970:	5.848 +m PWD
2007:	6.291 +m PWD

Projection Parameters

Projection System :	Bangladesh Transverse Mercator (BTM)
Spheroid :	Everest 1830
Scale Factor :	0.9996
Central Meridian :	90 degree East
False Easting :	500,000 Meter
False Northing :	-2000,000 Meter
Latitude of Origin :	0 degree (Equator)



Revision	Date	Description

CHECKED BY: KOJI ODA
 DESIGN BY: SYED MOBASHWER HOSSAIN
 DRG NO: BR7 - CSP
 DRAWN BY: J. Alam

SHEET NO.: A/02
 DATE: JULY, 2008

PROJECT
 The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in

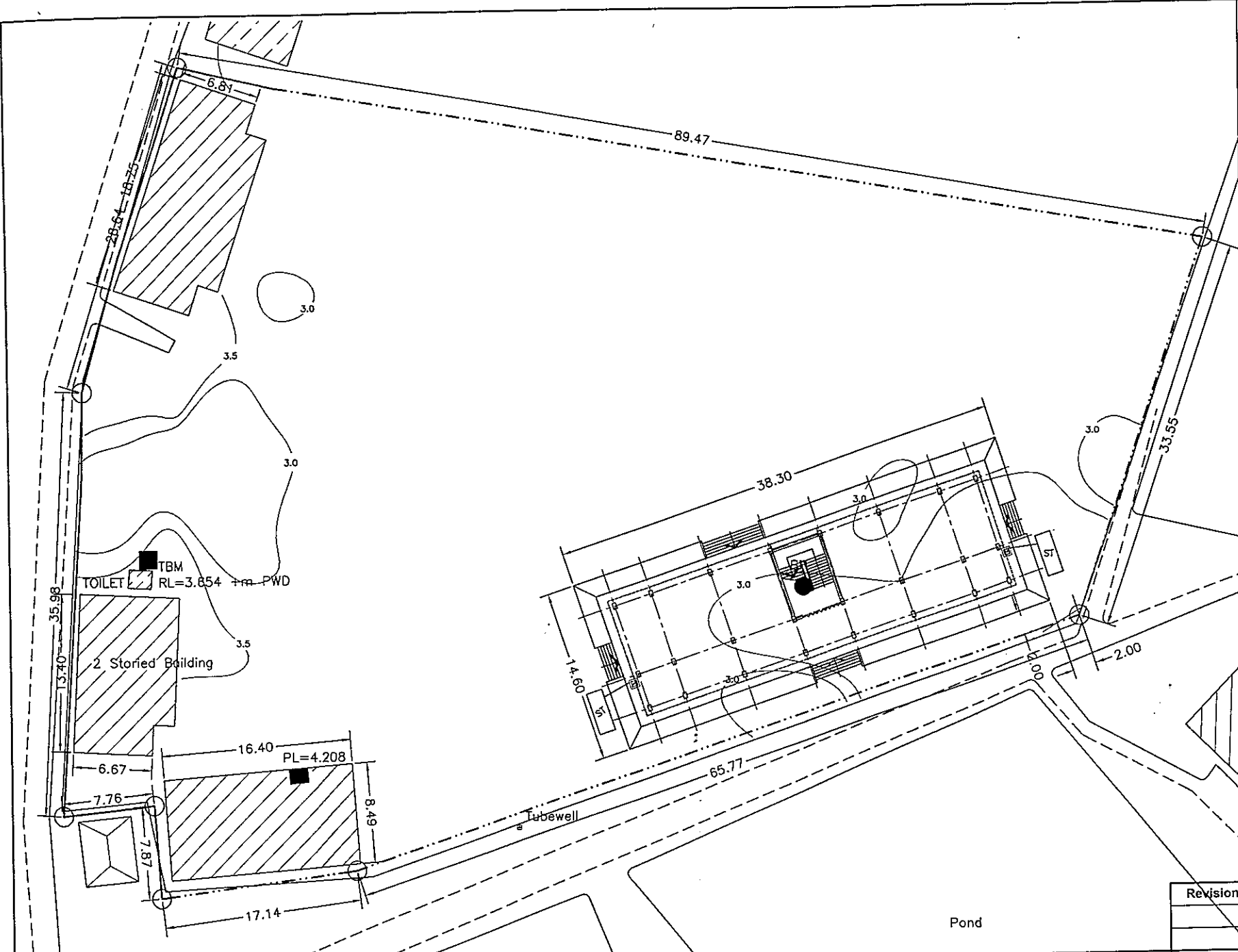
NAME, LOCATION & SCHOOL CODE
 Name: Sakhina Govt. Primary School
 Union: Borobogi Upazilla: Amtali
 District: Barguna
 C No. & Code No: BR7, 504010905

CLIENT
 JAPAN INTERNATIONAL COOPERATION AGENCY

CONSULTANTS
 YACHIYO ENGINEERING CO., LTD.
 BETS CONSULTING SERVICES LTD.

DRAWING TITLE:
 SITE LAYOUT PLAN

APPROVED BY:



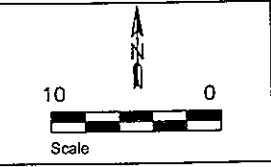
- Legend:**
- Property Line
 - Existing Building
 - Semi Pucca Building (Brick Wall with Tin Shed)
 - Tin Shed Structure
 - Hut
 - Septic Tank
 - Paved Road
 - Brick Road
 - Earthen Road
 - TBM RL = 3.654 +m PWD
 - From BWD8 RCC Pillar on Matjara 1 No. Station RL = 4.180 +m PWD
 - Contour +m PWD
 - Soil Investigation Location

Highest Flood Level

1970:	7.611 +m PWD
2007:	6.291 +m PWD

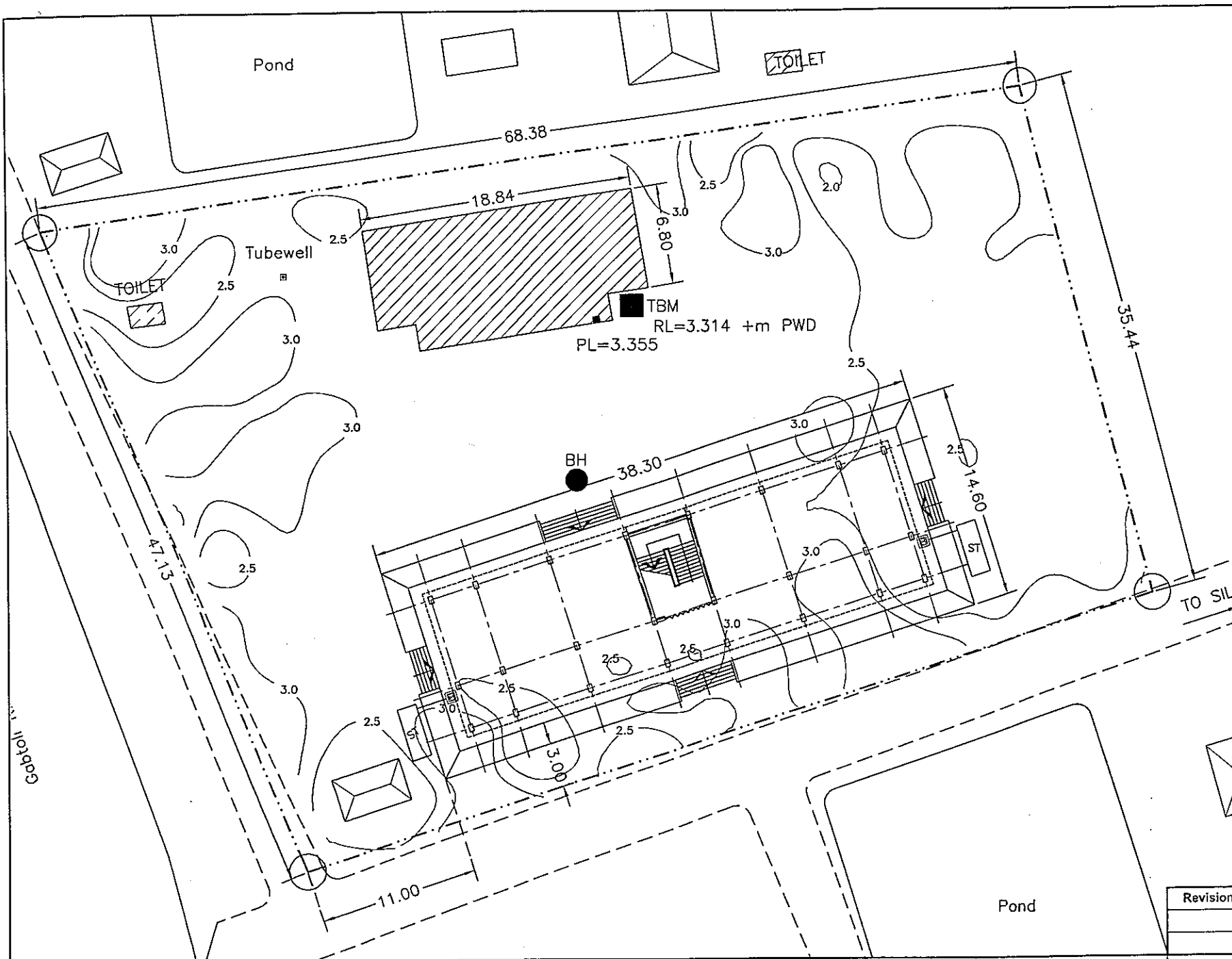
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Satonpara Govt. Primary School Union: Borobogi Upazilla: Amtali District: Barguna SI No & Code No: BR8, 504010901	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BR8 - CSP DRAWN BY: J. Alam



Legend:

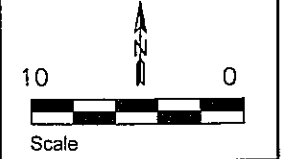
- Property Line
- Building
- Semi Pucca Building (Brick Wall with Tin Shed)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL=3.314 +m PWD
- From BWDB RCC Pillar on Bag Bazar Shaka RL=5.185 +m PWD
- Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1970:	5.689 +m PWD
2007:	4.638 +m PWD

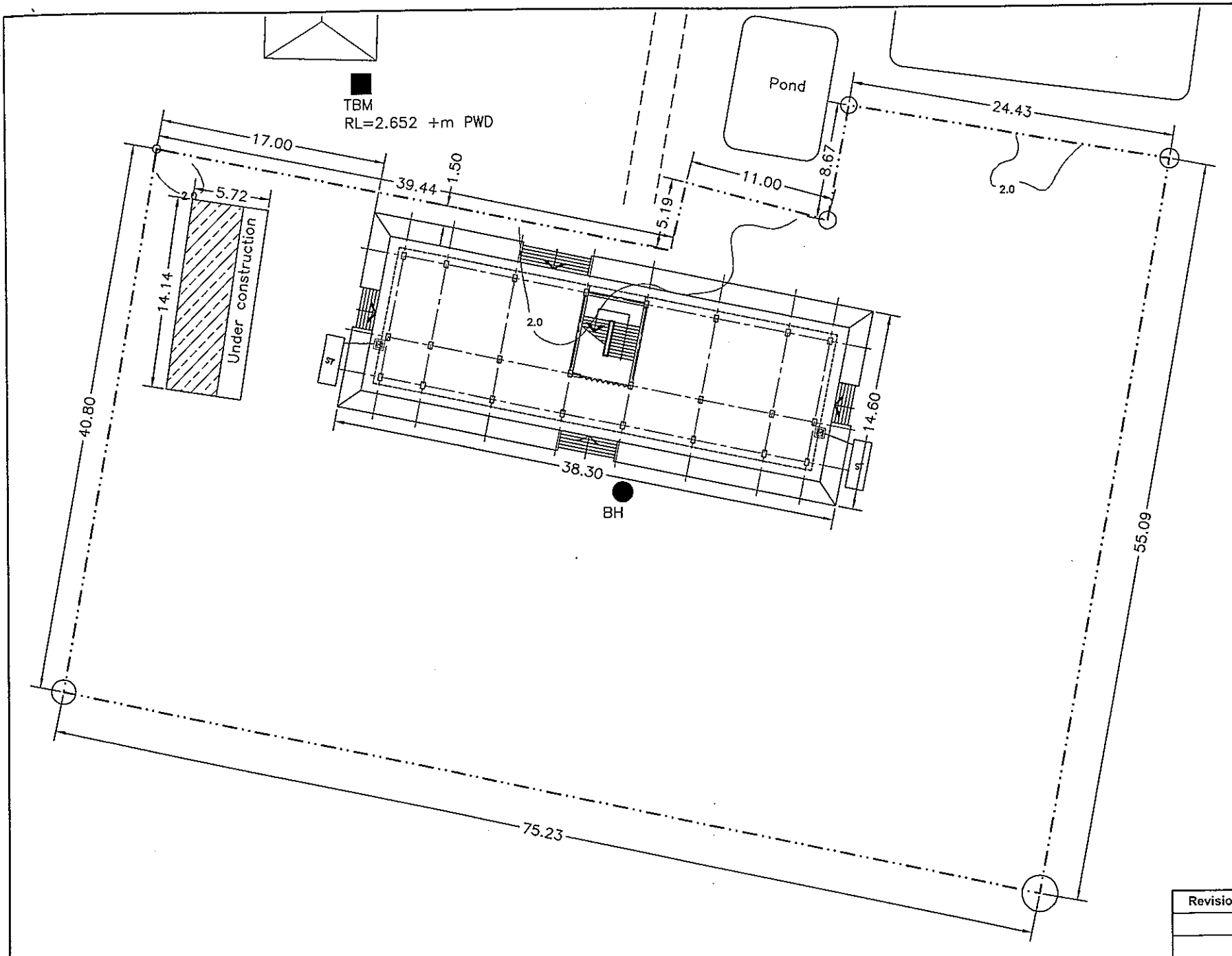
Projection Parameters:

Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Gabtali Govt. Primary School Union: Pochakoirdin Upazilla: Amtali District.: Barguna SI No & Code No: BR9, 504010806	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: BR9 - CSP DRAWN BY: J. Alam

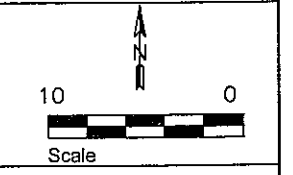


Legend:

- Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Sheet)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 2.652 +m PWD
From BWDS RCC Filter on Zigzag Stone Gate
RL = 4.870 +m PWD
- Contour +m PWD
- Soil Investigation Location

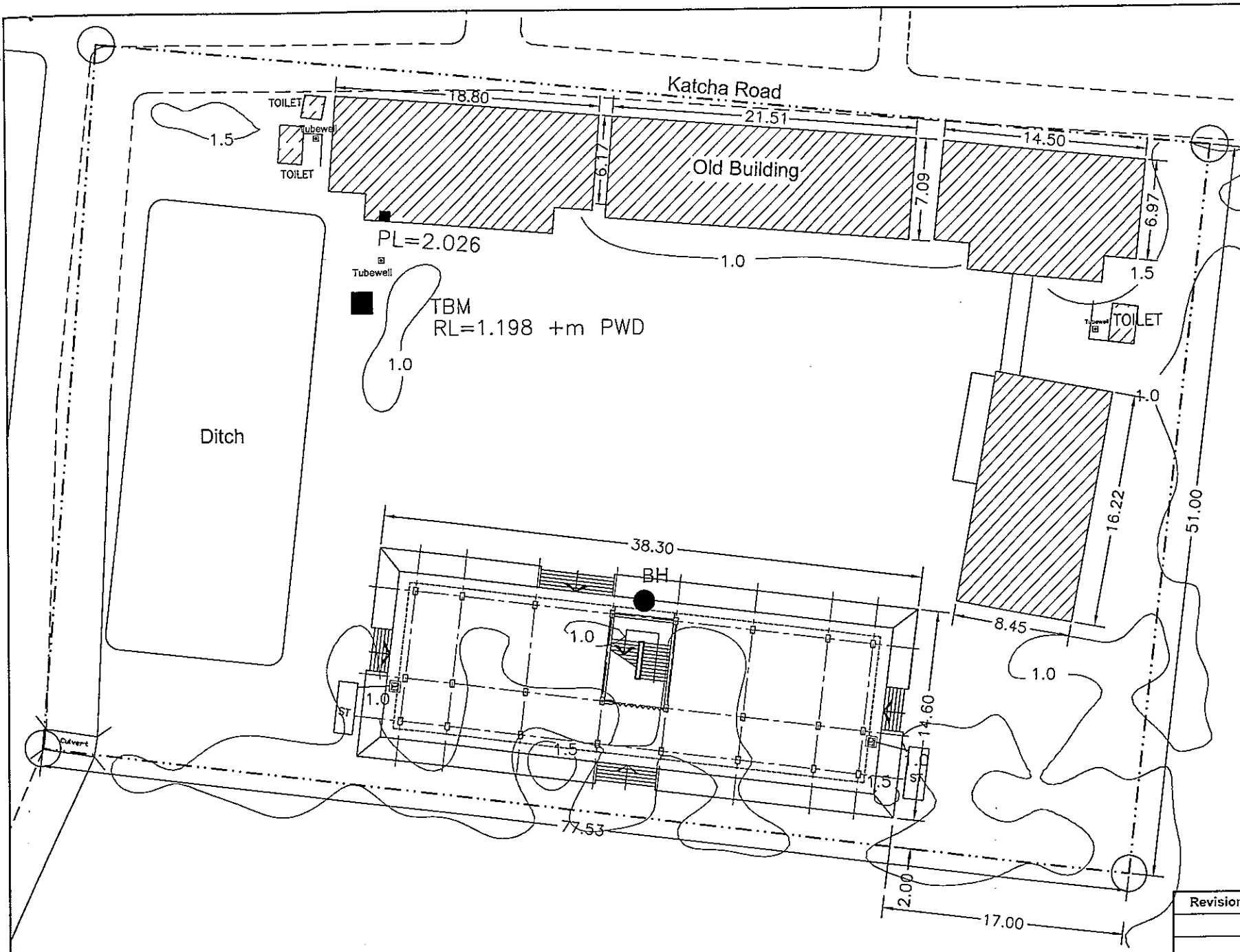
Highest Flood Level
 1970: 4.401 +m PWD
 2007: 3.423 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Baliataia Govt. Primary School Union: Arpangasia Upazilla: Amtali District.: Barguna SI No & Code No: BR10, 504010205	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BR10 - CSP DRAWN BY: J. Alam



Legend:

- Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Shed)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 1.198 +m PWD
- From EWDR RCC Pillar on South Ramna Sluice RL = 5.180 +m PWD
- Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1970: 4.875 +m PWD
2007: 4.125 +m PWD

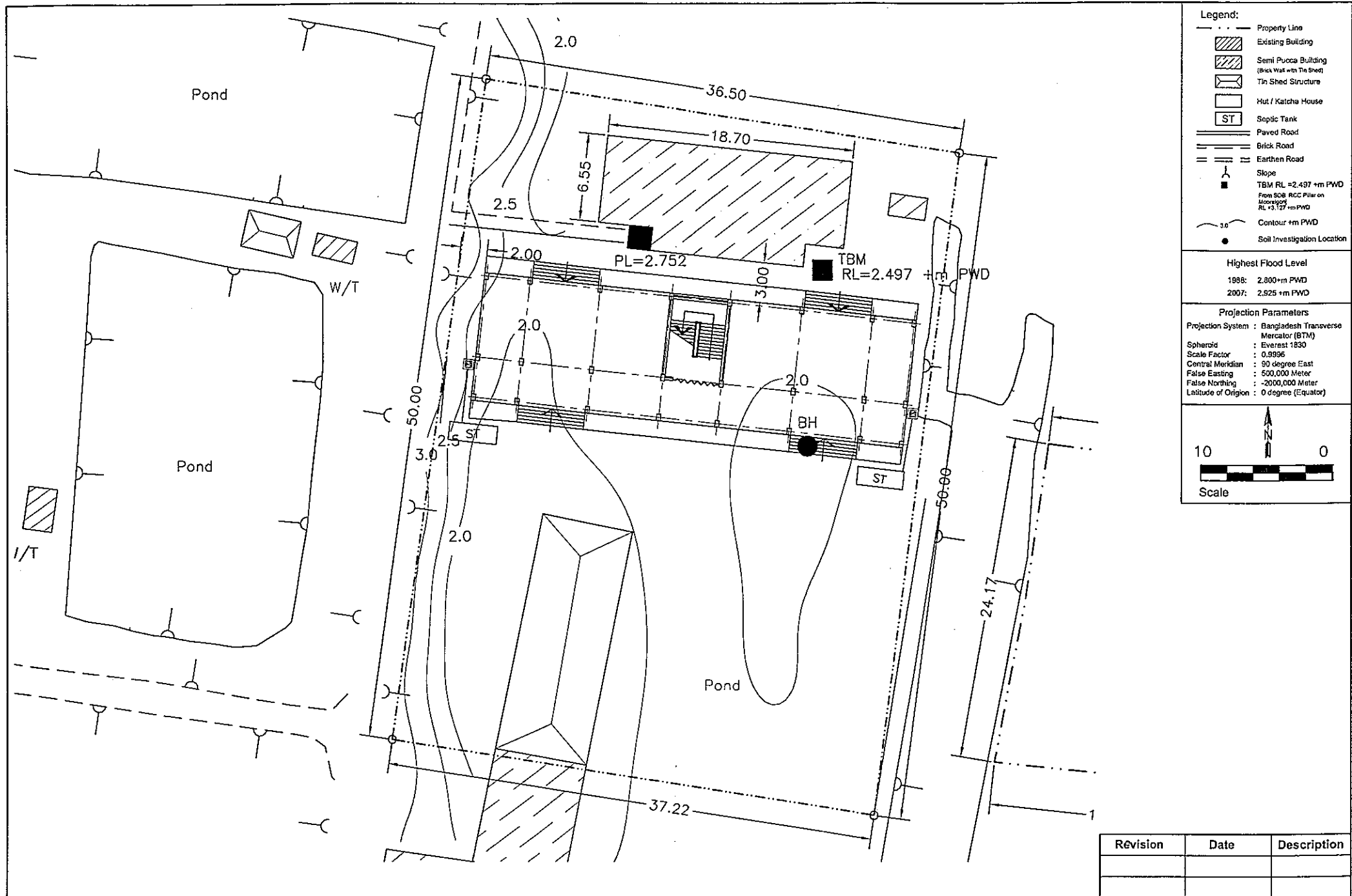
Projection Parameters

Projection System : Bangladesh Transverse
Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

Scale

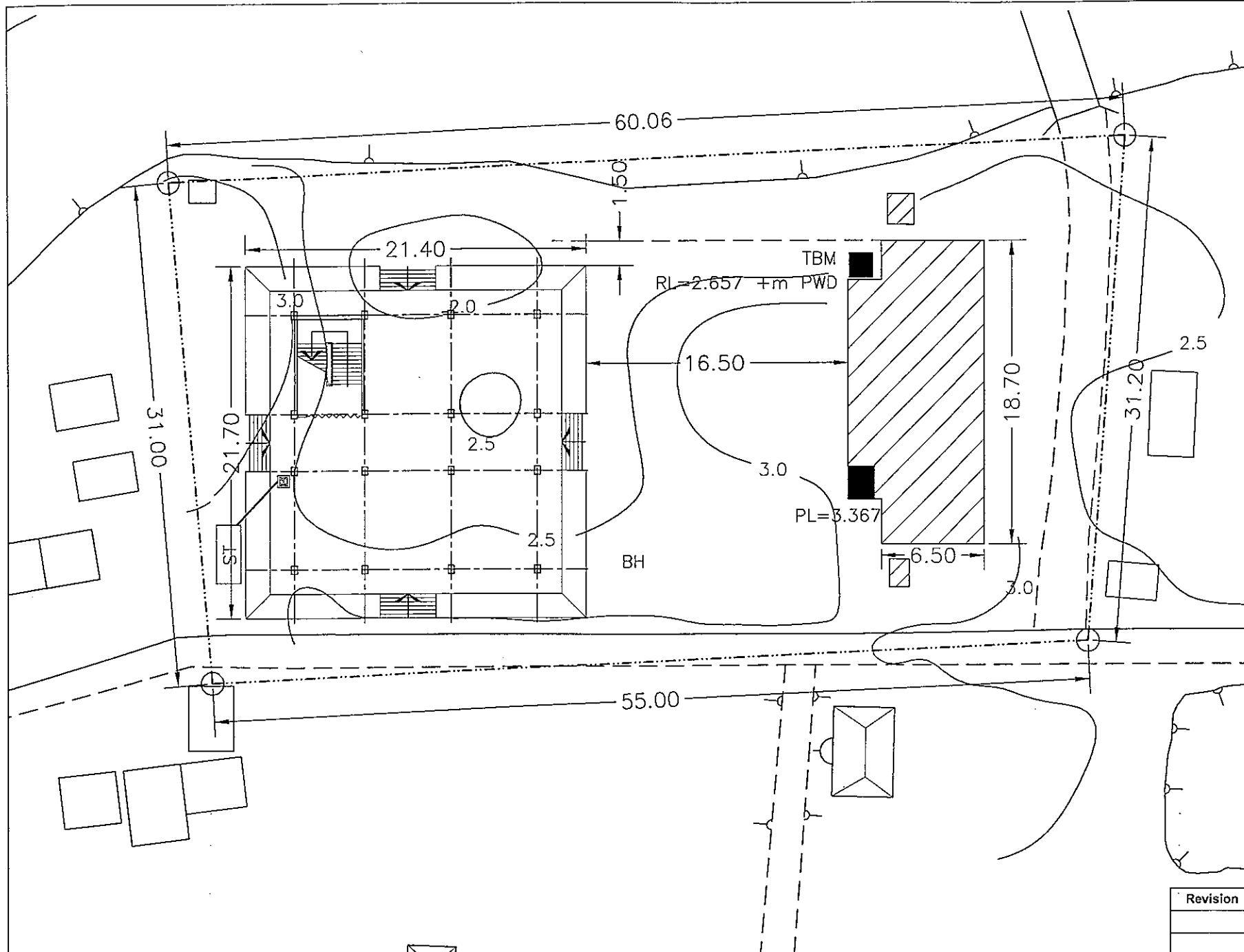
Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Gadaghata Govt. Primary School Union: Ramna Upazilla: Bamna District: Barguna SI No & Code No: BR11, 504040306	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BR11 - CSP DRAWN BY: J. Alam	SHEET NO.: A/02 DATE: JULY, 2008
---	--	---	--	--	--	---



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Sonakhali Govt. Primary School Union: Putikhali Upazilla: Morrelgonj District.: Bagerhat SI No & Code No: BG1, 210070403	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA
				APPROVED BY:	DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BG1 - CSP DRAWN BY: J. Alam



- Legend:**
- - - Property Line
 - [Hatched Box] Existing Building
 - [Diagonal Hatched Box] Semi Pucca Building (Brick Wall with Tin Shed)
 - [Box with X] Tin Shed Structure
 - [Empty Box] Hut / Katcha House
 - [Box with ST] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with RL] TBM RL = 2.657 +m PWD
 - [Square with PL] From SOB RCC Floor on Mooregonj RL = 3.127 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Circle with dot] Soil Investigation Location

Highest Flood Level

1998: 3.775 +m PWD
2007: 3.937 +m PWD

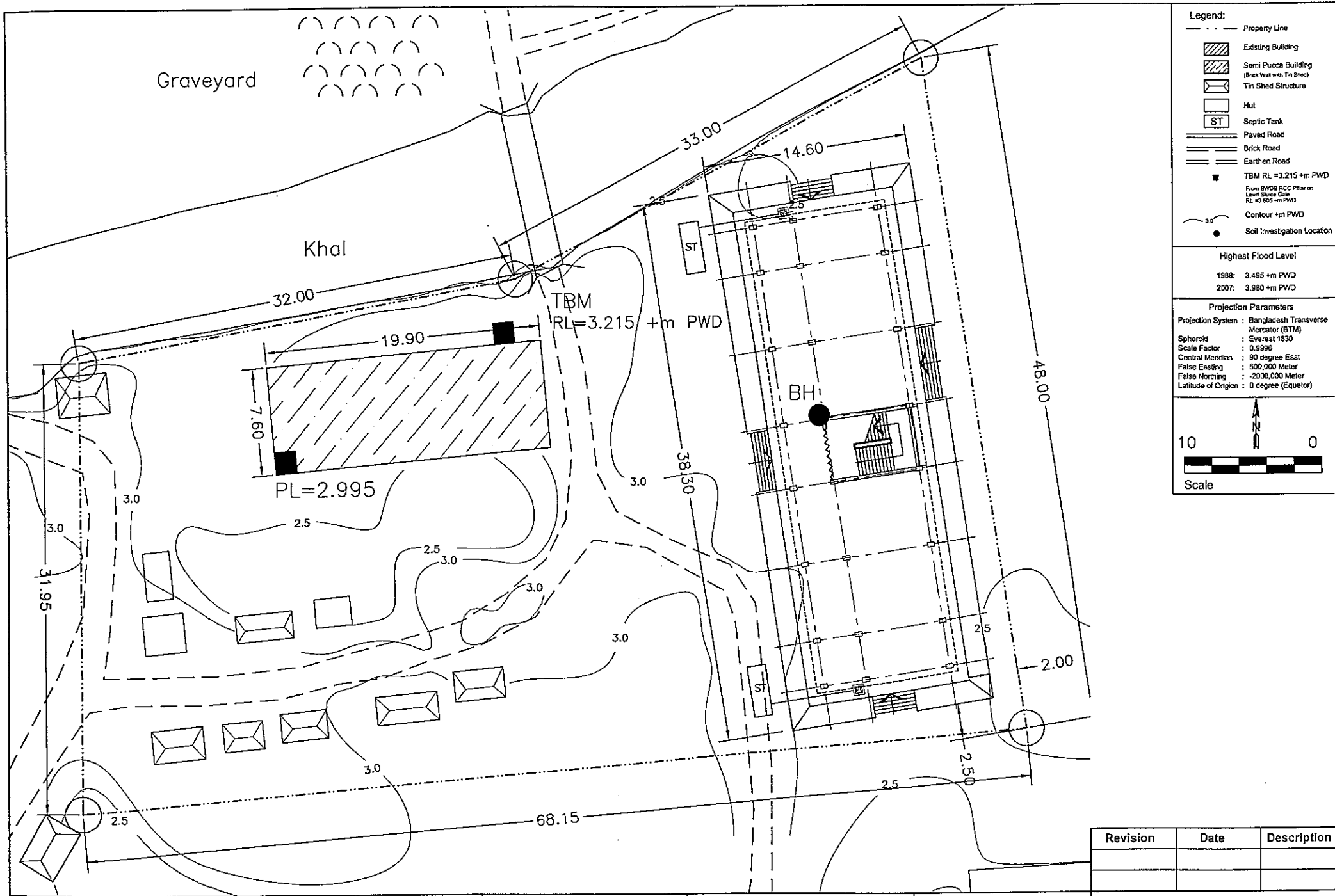
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

10 0
Scale

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 80 No. B. Pathtamara Govt. Primary School Unlon: Hoglabunia Upazilla: Morrelgonj District.: Bagerhat SI No & Code No: BG2, 210071006	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BG2 - CSP DRAWN BY: J. Alam
				SHEET NO. - A/02	DATE: JULY, 2008



- Legend:**
- - - Property Line
 - [Hatched Box] Existing Building
 - [Diagonal Lines Box] Semi Pucca Building (Brick Wall with Tin Roof)
 - [Envelope Box] Tin Shed Structure
 - [Square Box] Hut
 - [ST Box] Septic Tank
 - [Double Line] Paved Road
 - [Single Line] Brick Road
 - [Dashed Line] Earthen Road
 - [Square with dot] TBM RL = 3.215 +m PWD
 - [Square with dot] From BWDB RCC Pillar on Low Level Sluice Gate RL = 3.605 +m PWD
 - [Wavy Line] Contour +m PWD
 - [Circle with dot] Soil Investigation Location

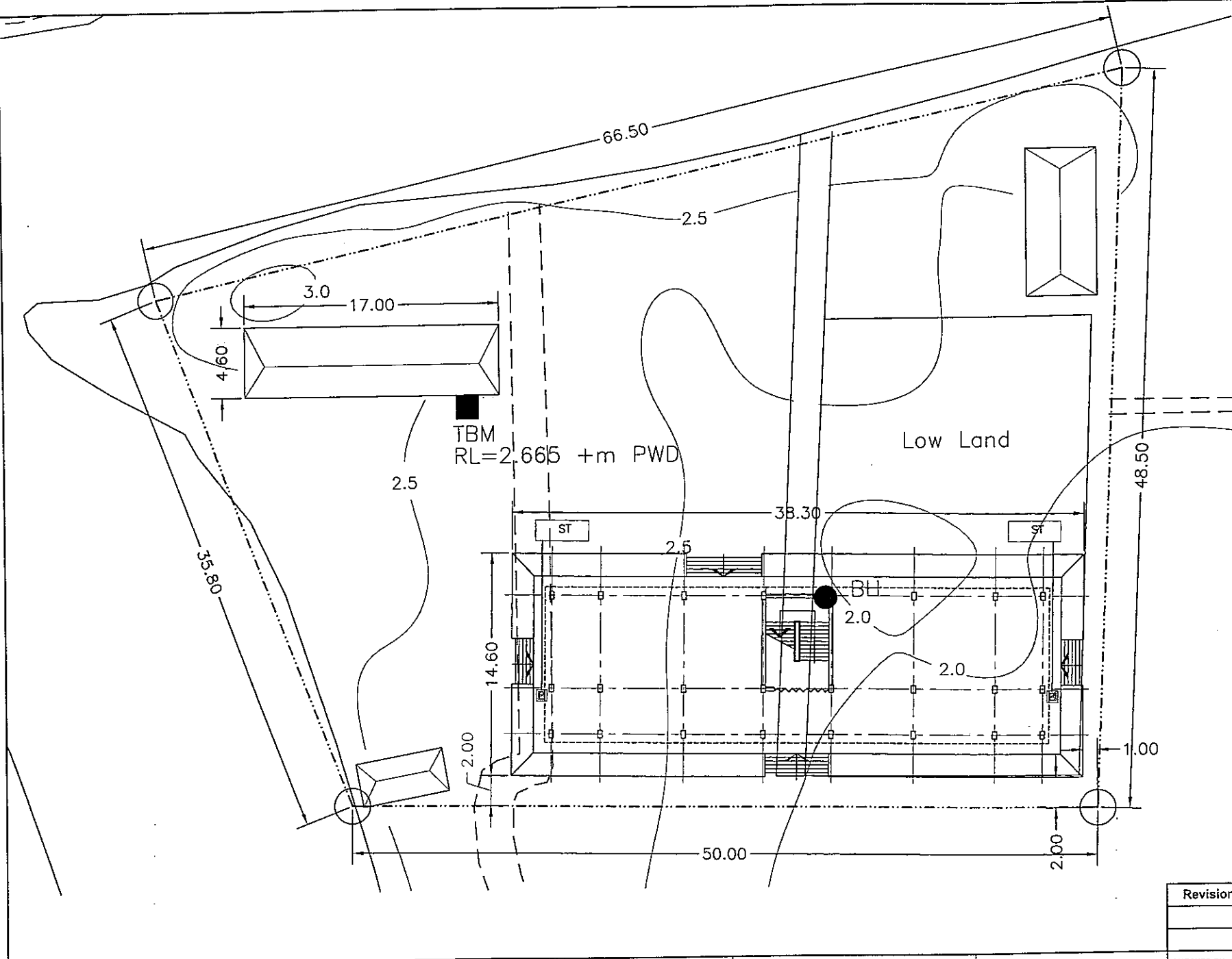
Highest Flood Level
 1988: 3.495 +m PWD
 2007: 3.980 +m PWD

Projection Parameters
 Projection System : Bangladesh Transverse Mercator (BTM)
 Spheroid : Everest 1830
 Scale Factor : 0.9996
 Central Meridian : 90 degree East
 False Easting : 500,000 Meter
 False Northing : -2000,000 Meter
 Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 31 No. Small Kumerkhali Govt. Primary School Union: Ramchandrapur Upazilla: Morrelgonj District.: Bagerhat SI No & Code No: BG3, 210070202	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BG3 - CSP DRAWN BY: J. Alam
				SHEET NO.: A/02	DATE: JULY, 2008



Legend:

- Property Line
- [Hatched Box] Existing Building
- [Hatched Box] Semi Pucca Building (Brick Wall with Tin Shed)
- [Box with Diagonal Lines] Tin Shed Structure
- [Box with Dotted Lines] Hut / Katcha House
- [Box with 'ST'] Septic Tank
- [Double Line] Paved Road
- [Single Line] Brick Road
- [Dashed Line] Earthen Road
- [Square] TBM RL = 2.665 +m PWD
- [Text] From SOB RCC Pier on Moorings RL = 3.127 +m PWD
- [Wavy Line] Contour +m PWD
- [Dot] Soil Investigation Location

Highest Flood Level

1988: 3.800 +m PWD
2007: 3.230 +m PWD

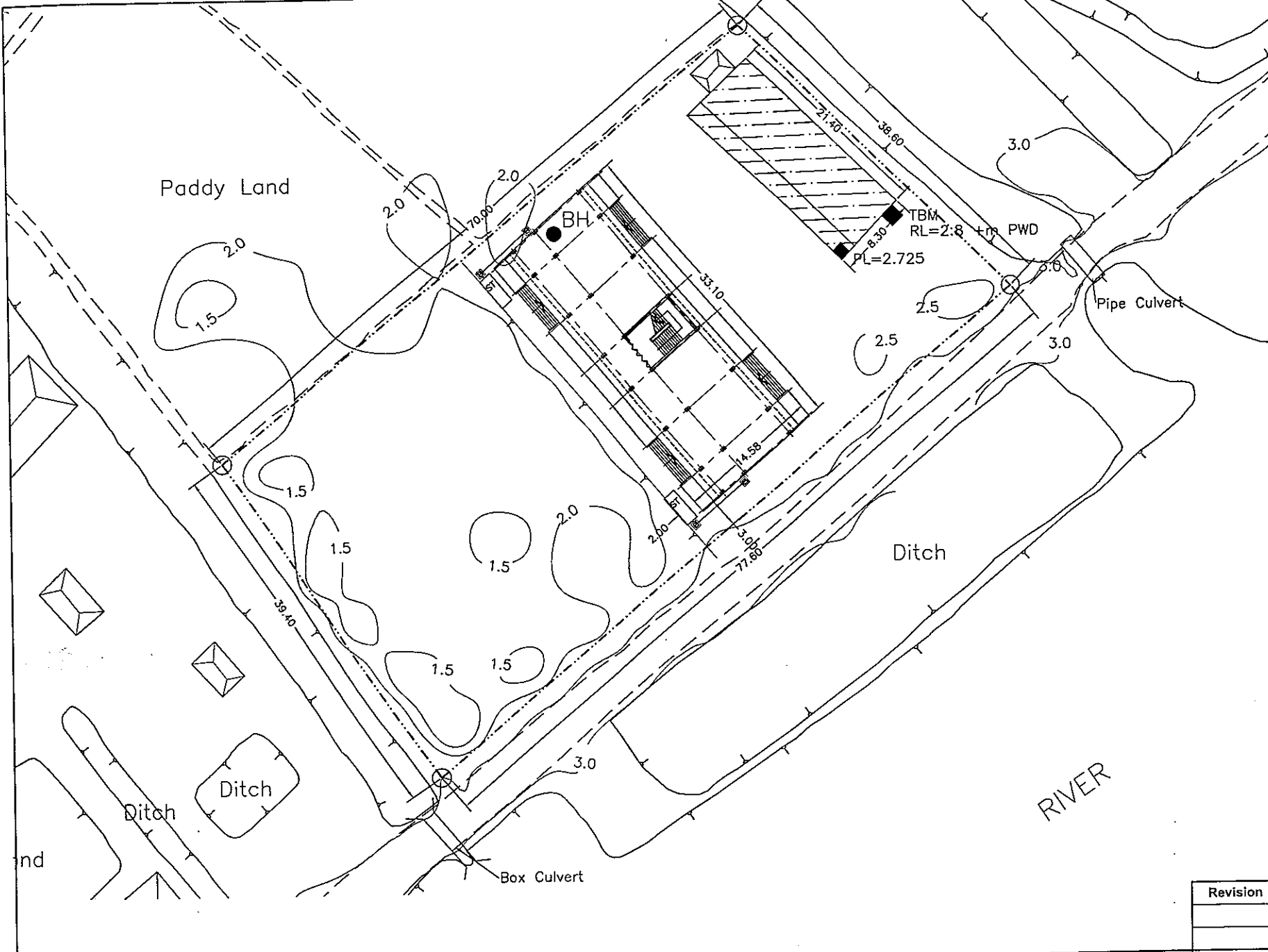
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)

Scale: 10 0

Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: 13 No. South Kharykhali Govt. Primary School Union: Panchakaron Upazilla: Morrelgonj District: Bagerhat SI No & Code No: BG4, 210070308	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: BG4 - CSP SHEET NO.- A/02 DRAWN BY: J. Alam DATE: JULY, 2008



Legend:

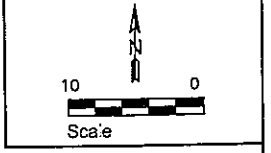
- Property Line
- Existing Building
- Semi Pucca Building (Brick Wall with Tin Shed)
- Tin Shed Structure
- Hut
- Septic Tank
- Paved Road
- Brick Road
- Earthen Road
- TBM RL = 2.800 +m PWD (From BMSB RCC Pilar on State State of Inland RL +3.270 +m PWD)
- Contour +m PWD
- Soil Investigation Location

Highest Flood Level

1991: 4.005 +m PWD
2007: 3.525 +m PWD

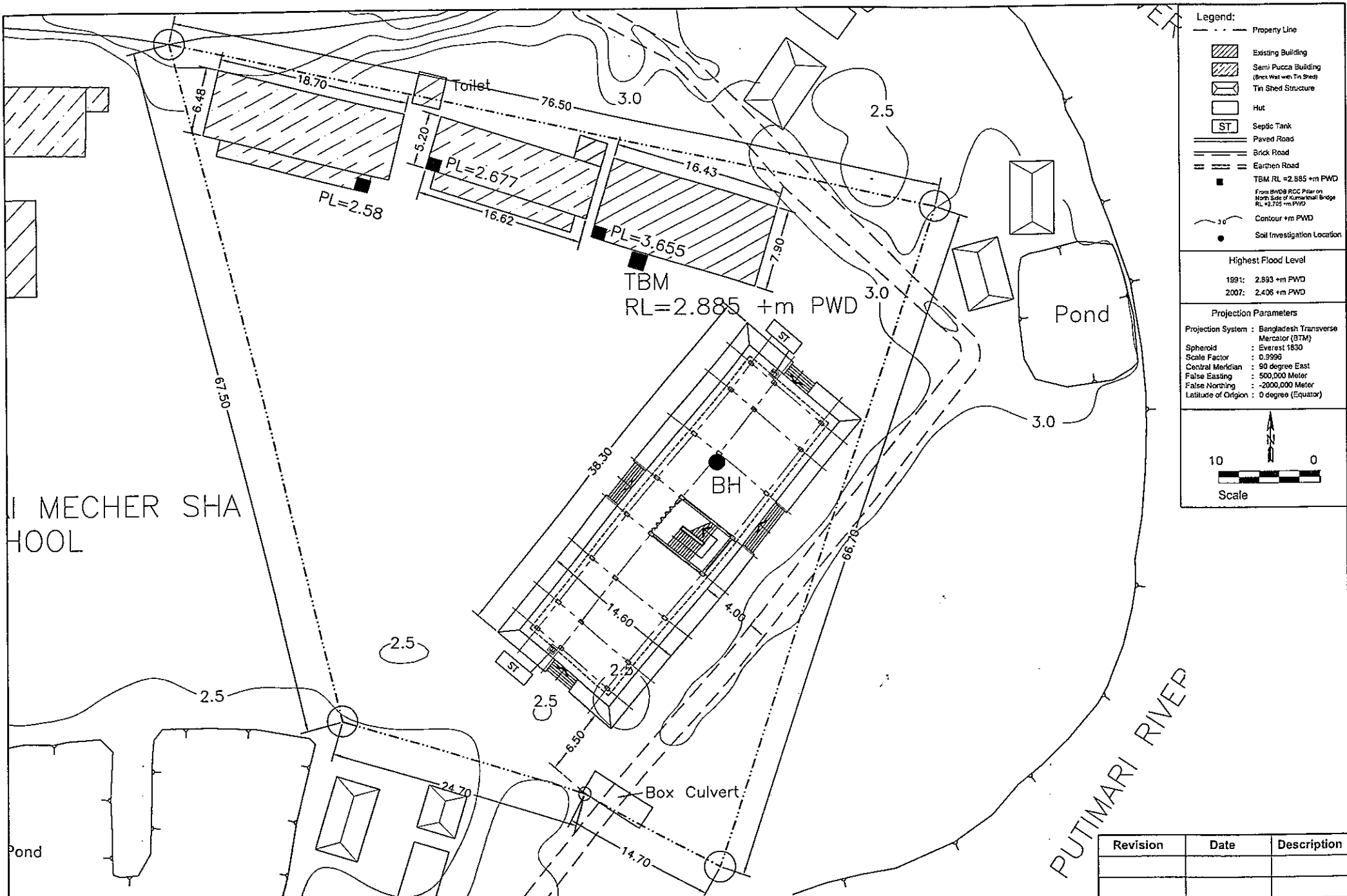
Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Bergazalia Govt. Primary School Union: Bemorta Upazilla: Sadar District: Bagerhat Sl No & Code No: BG5, 210040210	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN
				APPROVED BY:	DRG NO: BG5 - CSP DRAWN BY: J. Alam



Legend:

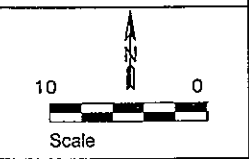
- - - Property Line
- [Hatched Box] Existing Building
- [Hatched Box] Semi Pucca Building (Brick Wall with Tin Sheet)
- [Hatched Box] Tin Shed Structure
- [Empty Box] Hut
- [Box with ST] Septic Tank
- [Double Line] Paved Road
- [Single Line] Brick Road
- [Dashed Line] Earthen Road
- [Square with TBM] TBM RL = 2.885 +m PWD
- [Small Square] From BWDG RCC Pillar on North Side of Kumartali Bridge RL = 2.125 +m PWD
- [Wavy Line] Contour +m PWD
- [Dot] Soil Investigation Location

Highest Flood Level

1991: 2.893 +m PWD
2007: 2.406 +m PWD

Projection Parameters

Projection System : Bangladesh Transverse Mercator (BTM)
Spheroid : Everest 1830
Scale Factor : 0.9996
Central Meridian : 90 degree East
False Easting : 500,000 Meter
False Northing : -2000,000 Meter
Latitude of Origin : 0 degree (Equator)



Revision	Date	Description

CHECKED BY: KOJI ODA	
DESIGN BY: SYED MOBASHWER HOSSAIN	
DRG NO: BG6 - CSP	SHEET NO. - A/02
DRAWN BY: J. Alam	DATE: JULY, 2008

PROJECT The Programme for Construction of Multipurpose Cyclone Shelters in the Area Affected by the Cyclone SIDR in the People's Republic of Bangladesh	NAME, LOCATION & SCHOOL CODE Name: Chandpai Govt. Primary School Union: Chandpai Upazilla: Mongla District: Bagerhat SI No & Code No: BG6, 210060203	CLIENT JAPAN INTERNATIONAL COOPERATION AGENCY	CONSULTANTS YACHIYO ENGINEERING CO., LTD. BETS CONSULTING SERVICES LTD.	DRAWING TITLE: SITE LAYOUT PLAN APPROVED BY:	CHECKED BY: KOJI ODA DESIGN BY: SYED MOBASHWER HOSSAIN DRG NO: BG6 - CSP DRAWN BY: J. Alam
---	---	---	--	--	---