

バングラデシュ人民共和国
第4次多目的サイクロンシェルター建設計画
基本設計調査報告書

[資料 10. サイト状況確認調査結果
資料 11. 自然条件調査結果]

平成 11 年 3 月

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国際協力事業団
日本技術開発株式会社

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〔 資料 10. サイト状況確認調査結果
資料 11. 自然条件調査結果 〕

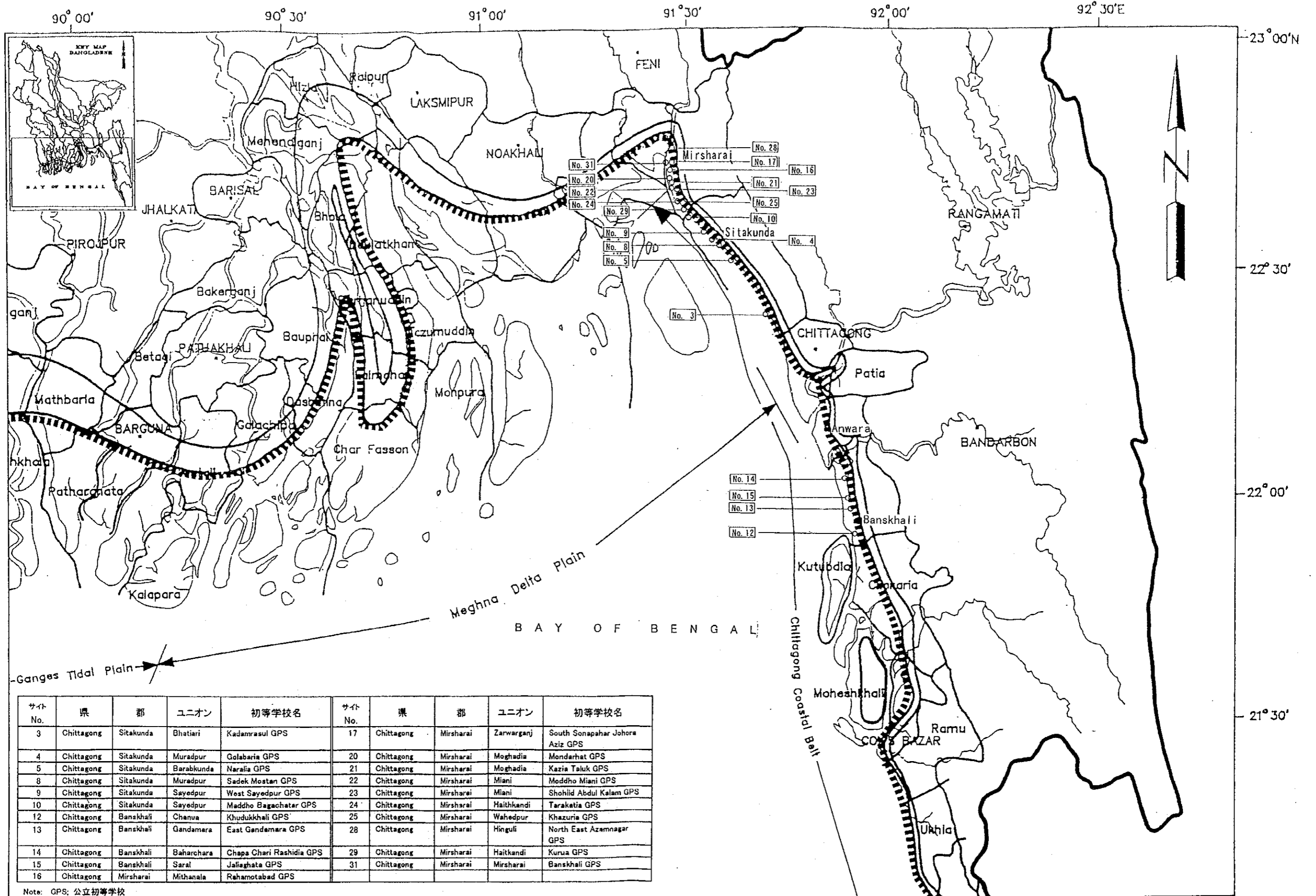
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詳細サイト調査対象地域位置図



サイト No.	県	郡	ユニオン	初等学校名	サイト No.	県	郡	ユニオン	初等学校名
3	Chittagong	Sitakunda	Bhatiari	Kadamrasul GPS	17	Chittagong	Mirsharai	Zarwarganj	South Sonapahar Johora Aziz GPS
4	Chittagong	Sitakunda	Muradpur	Golaria GPS	20	Chittagong	Mirsharai	Moghadia	Mondarhat GPS
5	Chittagong	Sitakunda	Barabkunda	Naralia GPS	21	Chittagong	Mirsharai	Moghadia	Kazia Taluk GPS
8	Chittagong	Sitakunda	Muradpur	Sadek Mostan GPS	22	Chittagong	Mirsharai	Miani	Moddho Miani GPS
9	Chittagong	Sitakunda	Sayedpur	West Sayedpur GPS	23	Chittagong	Mirsharai	Miani	Shohid Abdul Kalam GPS
10	Chittagong	Sitakunda	Sayedpur	Maddho Bagachatar GPS	24	Chittagong	Mirsharai	Haitkandi	Tarakatia GPS
12	Chittagong	Banskhali	Chanua	Khudukkhali GPS	25	Chittagong	Mirsharai	Wahedpur	Khazuria GPS
13	Chittagong	Banskhali	Gandamara	East Gandamara GPS	28	Chittagong	Mirsharai	Hinguli	North East Azamnagar GPS
14	Chittagong	Banskhali	Baharchara	Chapa Chari Rashidia GPS	29	Chittagong	Mirsharai	Haitkandi	Kurua GPS
15	Chittagong	Banskhali	Saral	Jalaghata GPS	31	Chittagong	Mirsharai	Mirsharai	Banskhali GPS
16	Chittagong	Mirsharai	Mithanala	Rehamotabad GPS					

Note: GPS: 公立初等学校

第4次多目的サイクロンシェルター建設計画

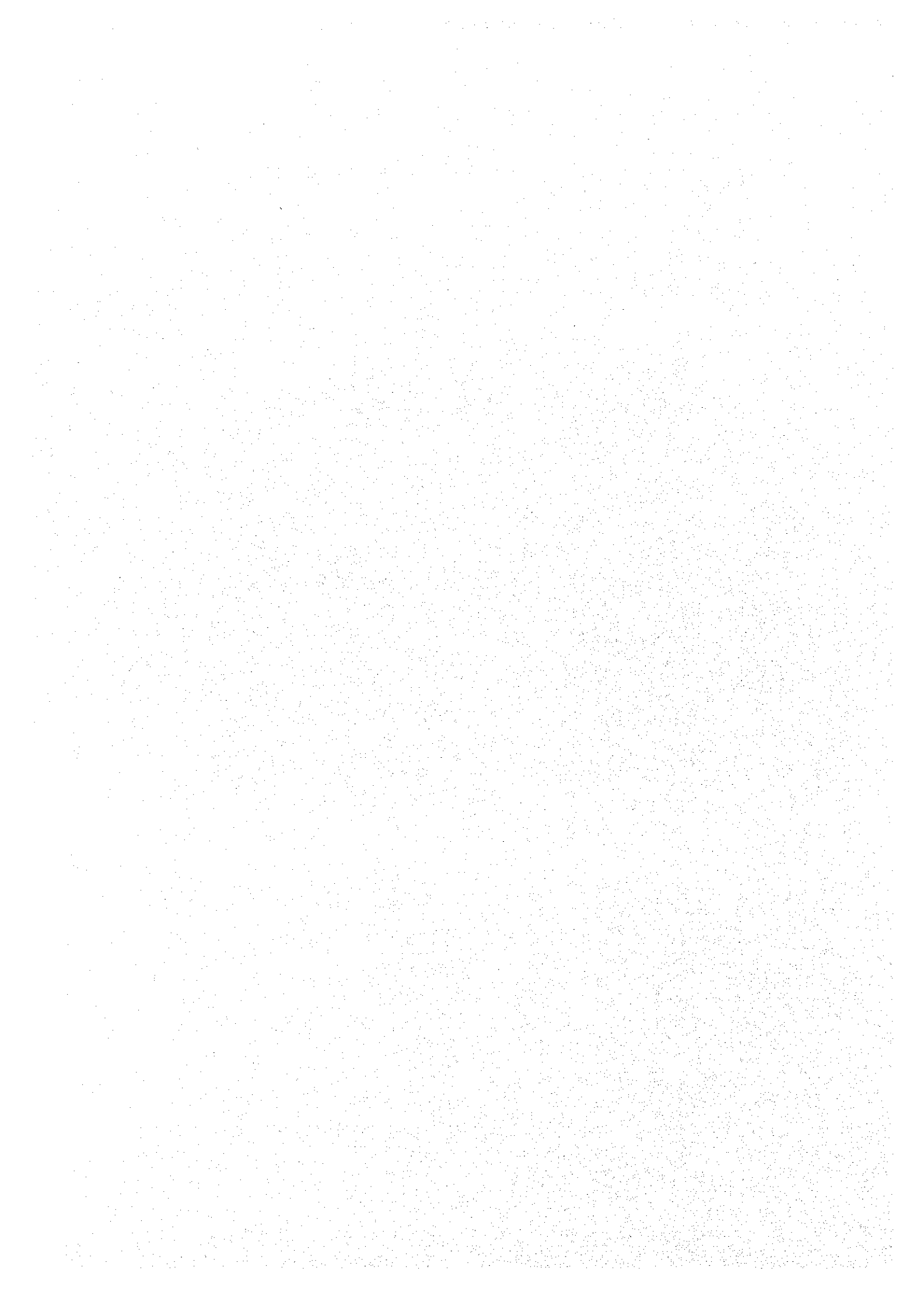
基本設計調査報告書

{ 資料10. サイト状況確認調査結果 }
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資料10. サイト状況確認調査結果



資料10. サイト状況確認調査結果

(1) 詳細サイト調査対象地の選定

本プロジェクトに対して、「バ」国政府よりプロジェクトの候補地として、31サイトが提示された。

この要請内容に対して、日本国政府関係機関による検討・協議がなされ、また現地調査時に「バ」国政府へのプロジェクト要請サイト候補地の再確認を通して、高度危険地域（HRA）に位置するChittagong県のMirsharai郡、Anowara郡及びBanskhali郡内の31サイトを調査対象地とした。

即ち、先方より要請のあった21サイト全てにおいてサイト概要調査を実施し、その結果に基づいてプロジェクト・サイトとして有望と判断された21サイトを選定し、それらのサイトにおいて詳細サイト調査を行った。

(2) プロジェクト・サイト選定基準

本プロジェクトは、第一義的にはサイクロンシェルターを建設することであることから、プロジェクト・サイトの選定は、原則的に下記の基準により実施した。

- ① 要請サイト敷地内に政府の責任において運営・管理される公立初等学校が存在する。
- ② 要請サイトが「多目的サイクロンシェルター計画」マスタープランで規程された高度危険地域（High Risk Area=HRA）内に位置している。
- ③ 原則的にサイトの周辺半径1.5km以内に、サイクロンの高潮からの避難が可能な十分な高さを持つ堅固な公共建造物や、高さの十分な丘などの地形がない。
- ④ シェルターの建設に十分な敷地が確保され、その土地所有権が確保されている。ただし、施設建設に十分な敷地がない場合でも、使用不能と判断された施設を撤去することにより敷地が確保されるか、または隣接地に追加土地収用が可能な場合で、かつ「バ」国側により撤去工事、追加土地収用が実施される確証を得られる場合を除く。
- ⑤ 要請サイトに隣接して3方向に埋立て困難な大池が存在していない。
- ⑥ 車両によって建設資機材を建設場所まで運搬可能である。
- ⑦ 相手国政府及び他の援助機関によって同一サイトに同種計画の実施及び計画がない。
- ⑧ 現在敷地内に初等学校が存在し、教職員及び児童が既にいる。また新たに建設される施設が、平常時に初等学校として十分に活用されると判断される。
- ⑨ 建設された施設及び設備を維持管理する学校運営委員会（SMC）が既に存在しており、施設の維持管理に十分な意欲が認められる。
- ⑩ 要請サイトの周辺半径0.3km以内に、家畜避難用のキラがあるか、または収用可能なキラ建設用地があり、キラ建設に関し、「バ」国側から確証を得られる。

(3) 詳細サイト調査

上述したようにサイト概要調査により選定された21サイトに対して、詳細サイト調査を実施した。本調査は最終プロジェクト・サイトを選定するためのものであり、以下の要素に対して詳細な確認を行った。

- ① 「多目的サイクロンシェルター計画」マスタープランにおけるサイトの災害危険度
- ② 各サイトへのアクセス方法
- ③ 建設予定地の敷地面積、土地形状、既存建物配置図、拡充施設配置案
- ④ 各サイトの土地所有権
- ⑤ 建設予定地の地勢
- ⑥ 周辺（通学圏）人口及び学齢期人口とその分布及び就学率
- ⑦ 既存初等学校の施設及び運営の現状
- ⑧ 施設完成後の運営・維持管理体制
(SMCの存在の有無)
- ⑨ 各サイト周辺住民の施設運営・維持管理への参加可能性
(敷地の盛土、Fencing、清掃等の労力の提供)
- ⑩ 各サイト周辺の他ドナー（NGO含む）による同種の施設（初等学校またはサイクロンシェルター）建設の実績、現在の実施状況、他ドナーへの要請の提出など本計画に類似した計画の重複の有無
- ⑪ 各サイトの給水・衛生設備、便所の使用状況
- ⑫ 各サイト内或いは、周辺地域における地下水の取水状況（取水深度、水質等）
- ⑬ 各サイトにおける既存初等学校の付帯設備（校長室、倉庫、便所）の現況
- ⑭ 各サイトにおけるサイクロン襲来警報システム
- ⑮ 各サイトの避難圏の概略（人家、田畑、道路、河川、公共施設、その他の主要な建築／土木構造物等の概況）
- ⑯ 各サイト周辺でのサブコントラクターの技術水準、要員、仕事の許容量などの確認
- ⑰ 各サイト周辺での資機材調達可能性

プロジェクト・サイト選定の基準にそって各サイトの調査結果を取りまとめれば表A-10-1のとおり、サイトNo. 3, 4, 5, 8, 9, 10, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 28, 29, 31の計21サイトが適地と判断された。具体的には、プロジェクト・サイトとして無条件の適地に4サイト（サイト No. 4, 12, 15, 28）であり、その他の17サイト（サイト No. 3, 5, 8, 9, 10, 13, 14, 16, 17, 20, 21, 22, 23, 24, 25, 29, 31）は条件付適地である。また、上記のサイト詳細調査の中で行われた各サイト内或いは周辺の水質検査結果を表A-10-2に示す。なお、調査結果の詳細は以下のとおりである。

表A-10-2 水質検査結果

検査項目	単位	No. 3	No. 4	No. 5	No. 8	No. 9	No. 10	No. 12	No. 13	No. 14	No. 15	No. 16	No. 17	No. 20	No. 21	No. 22	No. 23	No. 24	No. 25	No. 28	No. 29	No. 31	備考	「バ」区留定基準値	
1 井戸種類		浅井戸 校舎東 民家前	浅井戸 北東 敷地内	浅井戸 北東 100m	浅井戸 職員の 内の	浅井戸 校舎の 北	浅井戸 北西 30m	深井戸 南 200m	深井戸 北 50m	深井戸 南 100m	深井戸 敷地内 敷地内	深井戸 敷地内 敷地内	浅井戸 敷地内 敷地内	浅井戸 校舎 南側 内	浅井戸 校舎 南側 内	深井戸 敷地内 敷地内	浅井戸 西へ 150m	浅井戸 敷地内 敷地内	浅井戸 校舎 南側 内	浅井戸 校舎の 南側 内	浅井戸 敷地内 敷地内	浅井戸 敷地内 敷地内			
2 井戸位置		5m	300m	9m	7.0m	11.0m	10m	350m	350m	280m	280m	10m	36m	7.5m	18m	300m	11m	12m	22m	25m	12m	22m			
4 既存パイプ																									
5 色	TCU	やや 黄味	無色	無色	無色	やや 白色	無色	無色	無色	無色	無色	無色	やや 白色	無色	無色	無色	やや 白色	無色	無色	無色	やや 白色	無色	無色	15	30
6 濁度	NTU	白濁	透明	透明	少し 濁	やや 白濁	透明	透明	透明	透明	透明	透明	やや 白濁	透明	濁り	透明	濁り	濁り	半透明	透明	透明	白濁	透明	5	25
7 臭気		無	無	無	無	無	無	無	無	無	無	無	無	無	無	無	無	無	無	無	無	無			
8 味覚		Fe	無	無	やや 酸味	やや 酸味	やや 酸味	無	無	Fe	Fe	無	やや 酸味	酸味	Fe	やや 酸味	やや 酸味	やや 酸味	やや 酸味	酸味	酸味	酸味			
9 温度	℃	29	20	24	27	28	25	25	20	23	21	22	27	27	28	28	28	28	28	29	27	23			
10 pH		6.6	8.0	7.8	6.6	6.6	7.8	7.5	7.8	7.6	7.8	7.6	6.3	7.4	7.4	6.6	6.4	6.4	7.4	6.4	7.9	7.6	6.5~8.5	6.5~9.2	
11 酸素伝導度		1,500	800	4,000	900	2,200	2,100	700	600	300	300	2,700	400	480	660	500	960	2,100	1,900	400	3,100	2,200			
12 Fe	mg/l	2.0	0.1	0.1	0.05	0.1	0.05	0.05	0.1	1.0	1.0	0.05	0.3	0.5	0.5	0.05	0.3	0.05	0.05	0.3	0.3	0.1	0.3	1	
13 Cl	mg/l	485	200	250	345	510	150	465	50	50	50	200	310	860	730	200	720	570	650	300	380	760	250	600	
14 全硬度	mg/l	450	250	500	460	500	250	450	450	250	250	450	350	860	700	850	765	410	275	250	350	510	500	500	
15 NH4		0.5	0	2.0	2.0	1.0	0.5	0	0.5	0	0	1.0	0.5	0.5	2.0	0	2.0	2.0	2.0	0.5	5.0	1.0			
16 一般細菌		なし	なし	TR	TR	TR	なし	なし	なし	なし	TR	TR	TR	TR	なし	なし	TR	TR	なし	なし	なし	なし			
17 大腸菌		TR	TR	TR	TR	TR	なし	なし	なし	TR	TR	TR	TR	TR	なし	なし	TR	TR	なし	なし	なし	TR			
18 雑菌	mg/l	0	0	0	(0.09)	0	(0.05)	0	0	0	0	0	0	(0.06)	(0.07)	0	0	0	(0.08)	0	(0.07)	(0.11)	0.01	0.05	
備考		ボツボツ DPHE 9			ボツボツ New MAYA PHF 6	ボツボツ SPAIL 6	ボツボツ RA SPAIL 105	ボツボツ SPAIL 6	ボツボツ SPAIL 6	ボツボツ SNC SUPN 6	ボツボツ DPHE 9	ボツボツ DPHE 9	ボツボツ UNICEF E.P.L 93	ボツボツ REL NGOP 6	ボツボツ REL UNICEF L	ボツボツ REL JNDPH 6	ボツボツ REL 6	ボツボツ REL 6	ボツボツ UNICEF L	ボツボツ REL 6	ボツボツ REL 6	ボツボツ REL 6	ボツボツ REL 6		

SITE SURVEY CHECK LIST

(Date: 1998/ 10 / 20) PM

1. Site No. : 3
 East Longitude 91° 44' 112"
 North Longitude 22° 26' 795"
2. Name of School Kadamrasul GPS
3. Site Location : District ; Chittagong Thana ; Sitakunda
 Union ; Bhatiari Village ; Kadamrasul
4. Interviewee : Name ; Mr. Salim Villah Position ; Headmaster
Mr. Zafar Ahmed Chairman UP
Mr. Alhaz Aminur Rahman Chairman SMC
5. Accessibility
 - 1) Nearest Station, Port, Main Road: Dhaka - Chittagong Distance; 0.3 km
 - 2) Road Conditions
 - Kind of Pavement : Earth, Gravel, Brick, Asphalt, Concrete
 - Conditions of Pavement : Good, Not so good, Bad
 - Road Width : 4 m
 - Passable Vehicle : Motor cycle, Rikisha, Sedan, Jeep, Truck (4 ton)
 - Necessity for Repair of Road : Yes, No
 - Necessity for Repair of Bridges or Culverts : Yes, No
6. Conditions of School
 - 1) Name of Landowner : Government
 - 2) Area of School Site : 728 m² (including Playground of 210 m²)
 - 3) School Building : 1 no(s) (Floor Area: ___ m × ___ m = 166 m²)
 - 4) Type of Building : RC, Brick Wooden
 - 5) Building Conditions : Good, Not so good, Bad (21 years after built)
 - 6) Layout of Building : Class Room : 3 nos. (6.5 m × 5.05 m)
 Teacher's Room : 1 no(s) (3.25 m × 5.25 m)
 Other NIL
 - Principal's Room : NIL no(s) (___ m × ___ m)
 - Storage : NIL no(s) (___ m × ___ m)
 - Toilet : 1 no(s) (1.0 m × 1.0 m) (no usable)
- 7) Ancillary Facility : Well (Yes, No)
 if yes, Depth of Well; ___ m with pump or not)
 spec: _____
 Present Conditions: Good, Not so bad, Bad ×

Toilet (Yes) No,
if yes, common or separate)

spec: Dipping up

Present Conditions: Good, Not so bad, (Bad)

Electric Facility (Yes) No) Power line within the site

8) Material of Fixtures

: Desk (wooden), Chair (wooden)
Locker (steel), Blackboard (wooden),
Notice board (—), Bookshelf (—),
Shelf (—), Other (—)

9) Maintenance of Building

: Place; Roof (Leaking of rain?), not so good
Pillar (Exfoliate of concrete?), "
Wall (Colour painting?), "
Window (Window door fitting?) "

Method; Name of organisation,

Organisational unit for maintenance

(H.Q., District, Thana or school),

Procedure for repair

(Requesting, Patrol by engineer = when) if necessary

TEO, TO.

7. Surrounding Conditions

1) Population within a 1.5km Radius : 15000 nos.

2) Distance to Neighbouring
Primary School : 2 km

3) Distance to Neighbouring
Cyclone shelter : 2 km (Saudi Grant)

4) Neighbouring Killa None: Distance from the School; ___ m
Size (Top); ___ m x ___ m, Height; ___ m
Progress Ratio; ___ %

5) Topographic Conditions Nearby : No (communication is OK.)
(Obstruction for School Attendance or Evacuation at Cyclone Time)

6) Normal Flood Level in Site : ___ m NIL

7) Neighbouring Warning System : Warning organisation; BDRCS
for Cyclone Measure of warning; Hand Mike
Kind of signal; Flag

8) Maximum Damage by Cyclone in the Past : Year of Hitting: 1991

Causalities; 200 nos.

(Why so may died?) Due to the sudden tidal Bore.

(How to solve?) If there is some cyclone shelters

Surge Height: 4.6 m

Houses Broken: 90% nos.

Damage of Crops: all ha

Damage of Livestock: Cow 10% nos.

Goat 80% nos.

Sheep 70% nos.

Hens) ___ 90%
Duck)

8. Item to Be Confirmed in Case of the Project Being Executed

- 1) Necessity for Demolition of : Yes (If yes: Executing Body SMC), No. the Existing School Building
- 2) Construction Body for Temporary School Building during the Construction of New school : Nearby Madrasha School
- 3) Management and Maintenance System for Planned Facilities (Shelter-cum-school) : SMC cyclone shelter management committee
- 4) Neighbouring Inhabitants' Participation in Management and Maintenance for the Planned Facilities. : 100% Co-operation.
(by donation, and manual labour)

9. Similar facilities construction plans (primary schools or cyclone shelters) constructed or to be constructed by other donors (including NGOs) around each site NO

- 1) Past or currently implemented construction of similar facilities by other donors NO
- 2) Survey of similar projects (requests to other donors, etc.) and any overlapping NO

10. Capability of Sub-Contractor near the Site

- 1) No. of Sub-Contractor near the Site : 0
- 2) No. of Engineers : 0
- 3) Past Experience and Construction Records : 0

11. Availability of Procuring Construction near the site

- 1) Equipment : _____
- 2) Materials : Bricks

12. Existing Well around the Site

- 1) Well depth : 5' 11" *just in front of the private house*
- 2) Screen depth : 7' 4" *on the west of the GPS.*
- 3) Well diameter : 3.8"
- 4) Water quality : Fe (2.0 mg/l) was detected. (See Table A-10-2)
- 5) Pump spec. : DPHE 9

13. The situation of education

1) Current enrolment (1998)

INFANT		Class 1	Class 2	Class 3	Class 4	Class 5
44	Boys	46	62	69	38	48
40	Girls	43	40	47	46	58
84	Total	89	102	116	84	106
						797

2) The number of drop-out student (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys					
Girls					
Total					47

3) The number of repeaters (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys					
Girls					
Total					15

4) The attendance rate : (75-80) % of the total registered pupils

5) The number of classes

	Class 1	Class 2	Class 3	Class 4	Class 5
No. of Classes	/	/	/	/	/

6) The number of teachers (including principal)

	Male	Female
Qualified	2	3
Non-Qualified	-	-
	5	

7) The number of shifts of classes: 1 shift / 2 shifts / 3 shifts/ multi-grade classes: grade (3, 1, 2) and grade (3, 4, 5)

8) The total number of children of school age in this school area

85% enrolment

9) What is your expectation on the enrolment change in the next five years?

- a) It will increase a lot.
- b. It will increase a little.
- c. Almost same as in this year.
- d. It will decrease a little.
- e. It will decrease a lot.

10) What are the three leading problems in terms of the environment of your school?

- a. Shortage of classrooms
- b. Shortage of furniture
- c. Shortage of toilets
- d. Shortage of water supply facilities
- e. Shortage of textbooks or other education materials
- f. Deterioration of school building
- g. Difficulty to repair facilities/equipment
- h. Lack of involvement of the community in school management
- i. Lack of parental appreciation for education
- j. Other (administrative office)

11) Which of the following points need to be emphasized in order to increase pupils' attendance at your school?

- a. Improvement of school facilities
- b. Enhancement of equipment
- c. Increase in parental appreciation for education
- d. Improve community participation
- e. Improvement of the access to school (routes and transportation)
- f. Qualitative improvement of teachers
- g. Increase in the number of female teachers
- h. Improvement of educational content
- i. Improved distribution of textbooks
- j. Introduction of automatic advancement system
- k. Introduction of meal system
- l. Introduction of girls' classes ← poverty
- m. Other (_____)

14. School management and maintenance *salary 220800/=*

1) What is your school budget for the current fiscal year?

Income:

- | | | |
|--|-------------------------------|---|
| a. from the central government | (<u>salary + 2000</u>) TK | ✓ |
| b. from the local government | (<u> </u>) TK | |
| c. fees from students (3-exams) | (<u>7500</u>) TK | |
| d. donation | (<u>10,000</u>) TK | |
| e. Others <i>sports / independence day</i> | (<u>5000</u>) TK (from SMC) | |
| TOTAL | (<u> </u>) TK | |
| | Salary + 24,900 | |

3) What are the main economic activities in this community?

(Ship breaking & Agriculture)

What do you think the economic situation in this community compared with the average Bangladesh communities?

a. Much better than the average

b. Better than the average

c. Almost the same

d. Worse than the average

e. Much worse than the average

4) What are the characteristics of this community in terms of social classes, ethnicity, and religion?

()

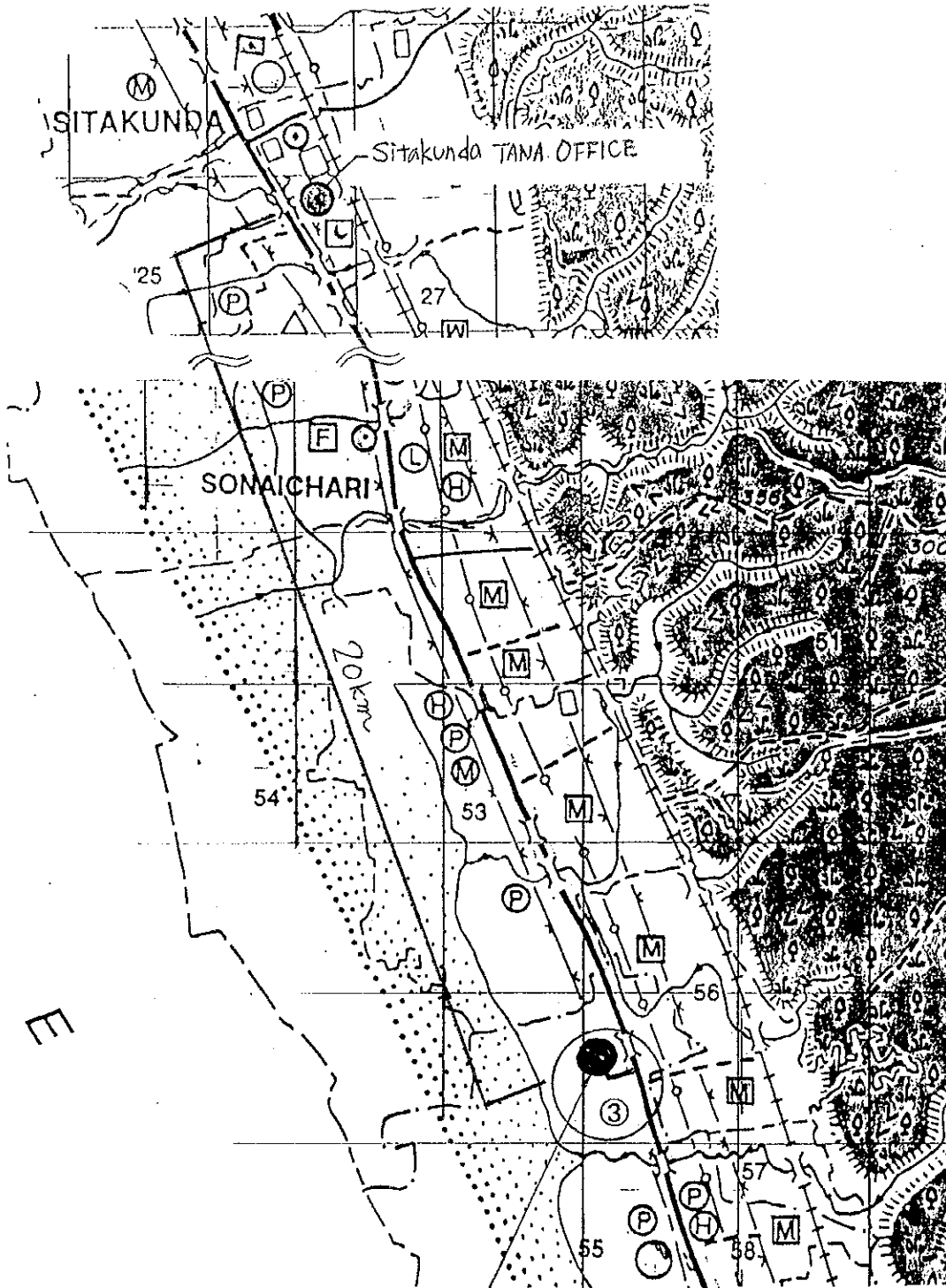
5) Are there any community organizations besides SMC in this community?

(Nil)

16. Others

LOCATION MAP OF THE SITE

Site No.: 3

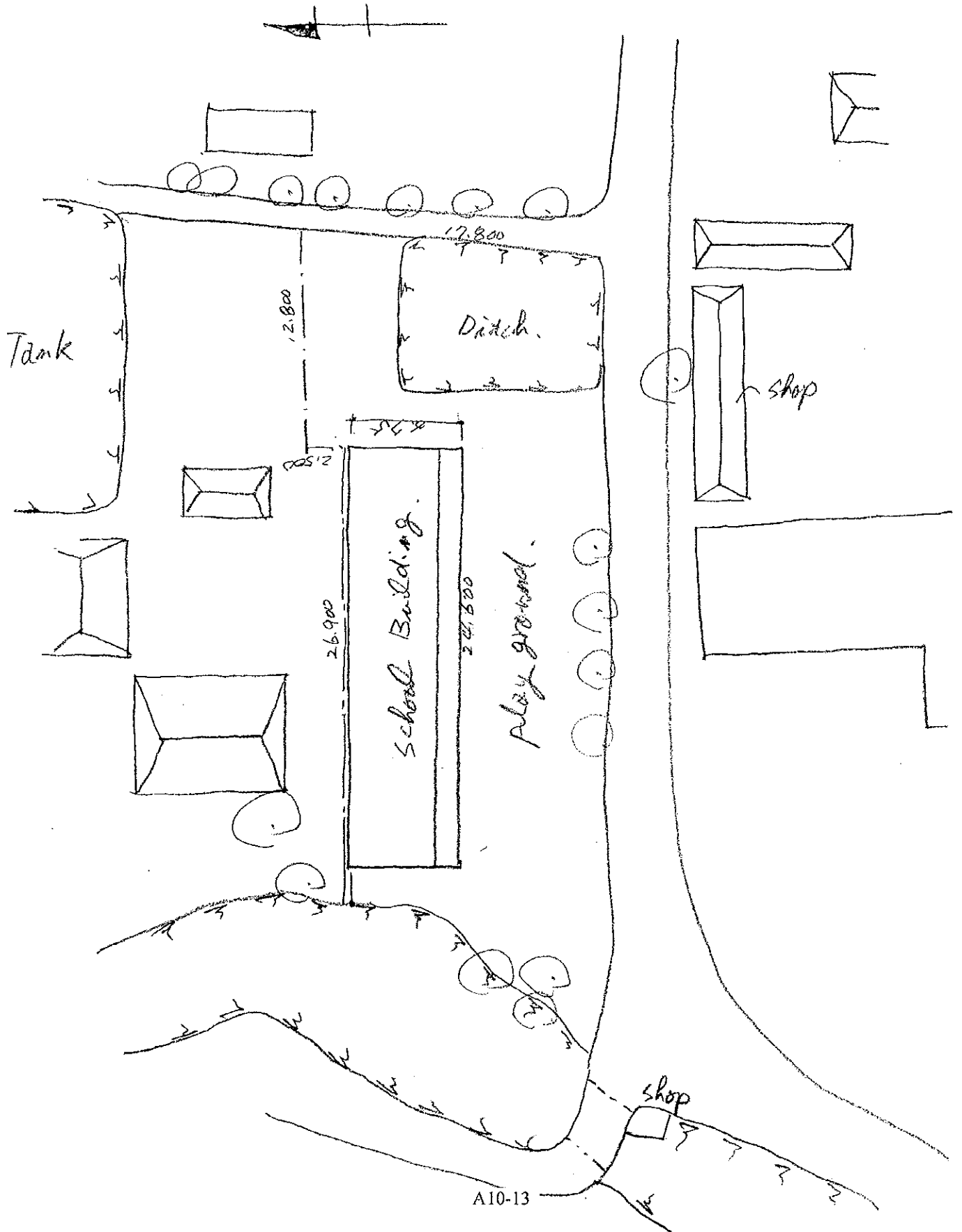


Site No. 3 Kadamrasul GPS
0.3 km away from Dhaka-Chittagong Road.

SKETCH OF THE SITE

Site No. : 3

Name of School : Kadimmal G.P.S





学校敷地全景



校舍全景



教室内状况



付帯施設の状況



学校周辺の道路状況

SITE SURVEY CHECK LIST

(Date: 1998/ 10/20)

1. Site No. : 4
 East Longitude 22° 36' 656"
 North Longitude 91° 38' 739"
2. Name of School Golabaria G.P.S
3. Site Location : District ; Chittagong Thana ; Sitakunda
 Union ; Muradpur Village ; Golabaria
4. Interviewee : Name Mt. Anil chandra Nandy Position ; Head master
Mt. Fasiul Alam Bhy chairman S.M.C
Mt. Ruhul Armir chairman U.P
5. Accessibility
 1) Nearest Station, Port, Main Road, Dakha-chittagong Road Distance; 2 km
 2) Road Conditions
 - Kind of Pavement : Earth, Gravel, Brick, Asphalt, Concrete
 - Conditions of Pavement : Good, Not so good, Bad
 - Road Width : 3 m
 - Passable Vehicle : Motor cycle, Rikisha, Sedan, Jeep, Truck (2 ton)
 - Necessity for Repair of Road : Yes No
 - Necessity for Repair of Bridges or Culverts : Yes, No
6. Conditions of School
 1) Name of Landowner : G.O.B
 2) Area of School Site : 300 m² (including Playground of 800 m²)
 3) School Building : 2 no(s) (Floor Area: 18.2 m × 6.5 m = 210 m²)
 4) Type of Building : RC, Brick, Wooden 10.6 × 8.7 } (under construction)
 5) Building Conditions : Good, Not so good, Bad (10 years after built)
 6) Layout of Building : Class Room : 3 nos. (1.3 m × 6.2 m)
 Teacher's Room : 1 no(s) (2.1 m × 6.2 m)
 Other
 - Principal's Room : 0 no(s) (___ m × ___ m)
 - Storage : 0 no(s) (___ m × ___ m)
 - Toilet : 2 no(s) (2 m × 1.3 m)
- 7) Ancillary Facility : Well (Yes) No,
 if yes, Depth of Well; 300 m with hand pump or not
 spec: spoil 6
 Present Conditions: Good, Not so bad, Bad.

- Toilet (Yes), No,
 if yes, common or (separate)
 spec: dipping up
 Present Conditions: Good, (Not so bad), Bad
 Electric Facility (Yes) No) Powerline is installed along the road adjacent to the site
- 8) Material of Fixtures : Desk (wooden), Chair (wooden)
 Locker (1), Blackboard (0)
 Notice board (0), Bookshelf (0),
 Shelf (0), Other (0)
- 9) Maintenance of Building : Place; Roof (Leaking of rain?), Pillar (Exfoliate of concrete?), Wall (Colour painting?), Window (Window door fitting?) } Well maintained
 Method; Name of organisation,
 Organisational unit for maintenance
 (H.Q., District, Thana or school), TEO
 Procedure for repair patrol by TEO
 (Requesting, Patrol by engineer = when)

7. Surrounding Conditions

- 1) Population within a 1.5km Radius : 6000 nos.
 2) Distance to Neighbouring Primary School : 3 km
 3) Distance to Neighbouring Cyclone shelter : 3 km
 4) Neighbouring Killa None : Distance from the School; m
 Size (Top); m x m, Height; m
 Progress Ratio; %
 5) Topographic Conditions Nearby : None
 (Obstruction for School Attendance or Evacuation at Cyclone Time)
 6) Normal Flood Level in Site : 0.3 m
 7) Neighbouring Warning System : Warning organisation; BDRCS
 for Cyclone Measure of warning; Hand mike and speaker
 Kind of signal; Flag & Siren
 8) Maximum Damage by Cyclone in the Past : Year of Hitting; 1960
 Casualities; 500 nos.
 (Why so may died?) no shelter, no big Building
 (How to solve?) None
 Surge Height: 4.9 m
 Houses Broken: 500 nos.
 Damage of Crops: 4000 ha
 Damage of Livestock: Cow 2000 nos.
 Goat 500 nos.
 Sheep 4000 nos.

8. Item to Be Confirmed in Case of the Project Being Executed

- 1) Necessity for Demolition of : Yes (If yes: Executing Body SMC), No.
the Existing School Building
- 2) Construction Body for Temporary School : SMC
Building during the Construction of
New school.
- 3) Management and Maintenance System for : SMC
Planned Facilities (Shelter-cum-school)
- 4) Neighbouring Inhabitants' Participation : Yes. Very cooperative
in Management and Maintenance for the
Planned Facilities.

9. Similar facilities construction plans (primary schools or cyclone shelters) constructed or to be constructed by other donors (including NGOs) around each site

- 1) Past or currently implemented construction of similar facilities by other donors none
- 2) Survey of similar projects (requests to other donors, etc.) and any overlapping none

10. Capability of Sub-Contractor near the Site

- 1) No. of Sub-Contractor near the Site : 1
- 2) No. of Engineers : 1
- 3) Past Experience and Construction Records : none

11. Availability of Procuring Construction near the site

- 1) Equipment : none
- 2) Materials : Brick L

12. Existing Well ⁱⁿ around the Site

- 1) Well depth : 300 m
- 2) Screen depth : -
- 3) Well diameter : 37 1/2"
- 4) Water quality : Good (See Table A-10-2)
- 5) Pump spec. : Spail 6

13. The situation of education

1) Current enrolment (1998)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	71	54	49	35	32
Girls	65	26	44	46	34
Total	136	80	93	81	66

456

2) The number of drop-out student (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	2	6	4	2	3
Girls	5	5	4	1	2
Total	7	11	8	3	5

3) The number of repeaters (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	0	6	7	4	4
Girls	0	2	5	2	1
Total	0	8	12	6	5

4) The attendance rate : (80) % of the total registered pupils

5) The number of classes

	Class 1	Class 2	Class 3	Class 4	Class 5
No. of Classes	2	1	1	1	1

6) The number of teachers (including principal)

	Male	Female
Qualified	2	3
Non-Qualified	0	0

7) The number of shifts of classes: 1 shift (2 shifts) / 3 shifts/ multi-grade classes: grade (1, 2) and grade (3, 4, 5)

8) The total number of children of school age in this school area

636 R = 1.5 km

9) What is your expectation on the enrolment change in the next five years?

- a. It will increase a lot.
- b. It will increase a little.
- c. Almost same as in this year.
- d. It will decrease a little.
- e. It will decrease a lot.

10) What are the three leading problems in terms of the environment of your school?

- a. Shortage of classrooms
- b. Shortage of furniture
- c. Shortage of toilets
- d. Shortage of water supply facilities
- e. Shortage of textbooks or other education materials
- f. Deterioration of school building
- g. Difficulty to repair facilities/equipment
- h. Lack of involvement of the community in school management
- i. Lack of parental appreciation for education
- j. Other (X)

11) Which of the following points need to be emphasized in order to increase pupils' attendance at your school?

- a. Improvement of school facilities
- b. Enhancement of equipment
- c. Increase in parental appreciation for education
- d. Improve community participation
- e. Improvement of the access to school (routes and transportation)
- f. Qualitative improvement of teachers
- g. Increase in the number of female teachers
- h. Improvement of educational content
- i. Improved distribution of textbooks
- j. Introduction of automatic advancement system
- k. Introduction of meal system
- l. Introduction of girls' classes
- m. Other (None)

14. School management and maintenance

1) What is your school budget for the current fiscal year?

Income:

- | | |
|--------------------------------|--------------------|
| a. from the central government | (Salary + 2600) TK |
| b. from the local government | (0) TK |
| c. fees from students | (-) TK |
| d. donation | (-) TK |
| e. Others | (-) TK |
| TOTAL | (Salary + 2600) TK |

Expenditure:

- a. Salary for teachers (salary) TK
- b. Salary for other personnel () TK
- c. Purchase of educational materials or chalks (2400) TK
- d. Maintenance of the facilities/equipment () TK
- e. Other () TK
- TOTAL () TK

2) Is this school currently or going to be utilized in the future for other purposes such as adult literacy classes and community meetings?

a. currently utilized -----> purposes: ()
~~not utilized~~

b) will be utilized in the future -----> purposes: (adult Education)
 not be utilized

3) Currently how the school facilities maintained?

Responsibility	Overall responsibility	Finance	Manual labor
a. Thana education office	○	○	○
b. Teachers	x	x	x
c. SMC	○	○	○
d. Parents of pupils	x	x	x
e. Community	x	x	x
f. Others	x	x	x

4) How often SMC is held? : (12) / year
 Other teacher-parents meetings : (3) / year

15. Social environment of children

1) How long does it take for pupils to go to school?: (10) minutes to (40) minutes
 How do they commute to school?: ~~walk~~ bicycle/ bus/ other

2) Do pupils work outside of schools?

a. Boys: Paid work: yes -----> what kind of work? ()
~~no~~

Household work: yes -----> what kind of work? (Housekeeping)
 no

b. Girls: Paid work: yes -----> what kind of work? ()
~~no~~

Household work: yes -----> what kind of work? (House Keeping)
 no

3) What are the main economic activities in this community?

(Rice Cultivation) Agriculture)

What do you think the economic situation in this community compared with the average Bangladesh communities?

- a. Much better than the average
- b. Better than the average
- c. Almost the same
- d. Worse than the average
- e. Much worse than the average

4) What are the characteristics of this community in terms of social classes, ethnicity, and religion?

(Muslim 96% Hindu 4%)

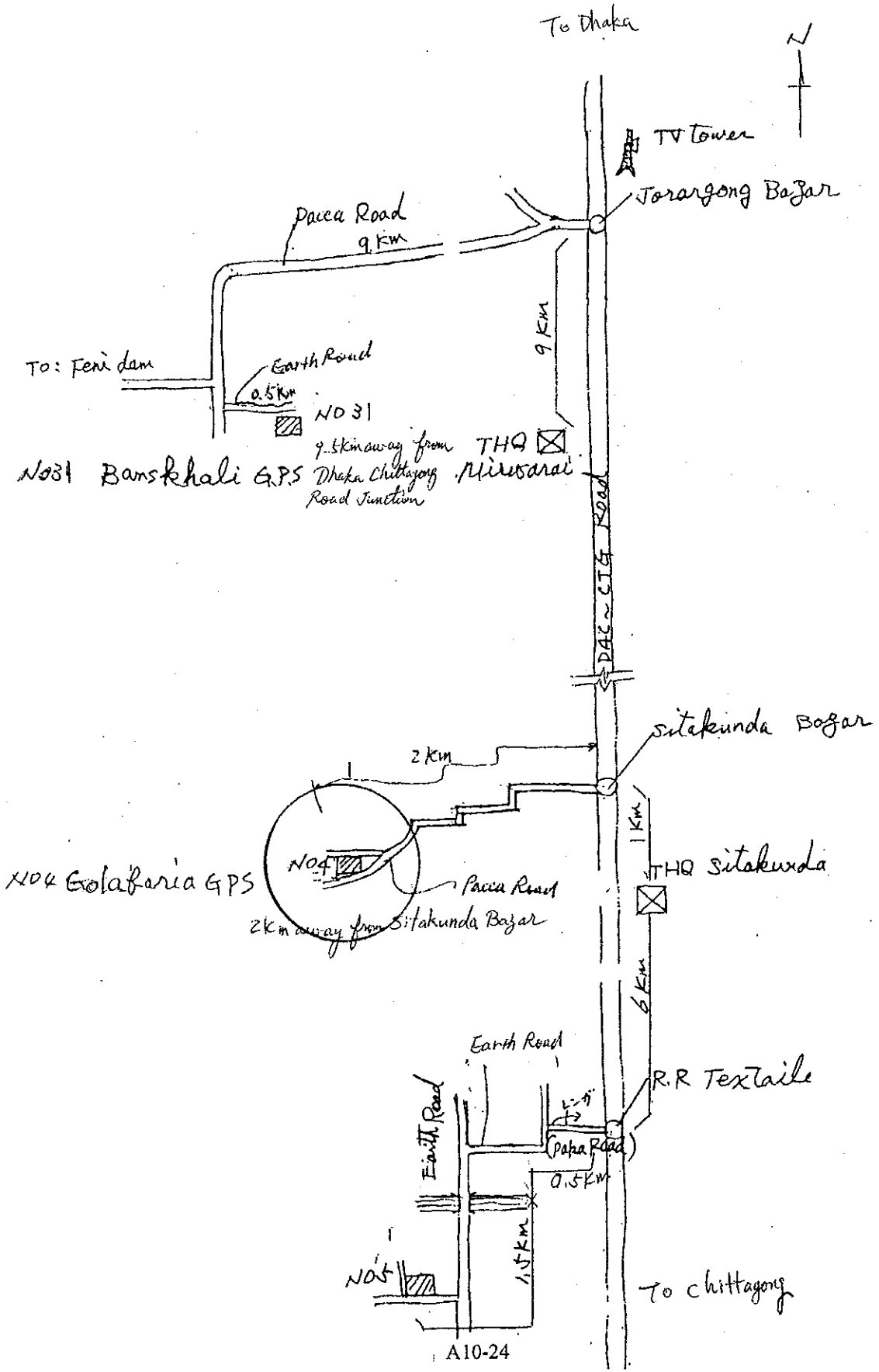
5) Are there any community organizations besides SMC in this community?

(Cooperative Society)

16. Others

LOCATION MAP OF THE SITE

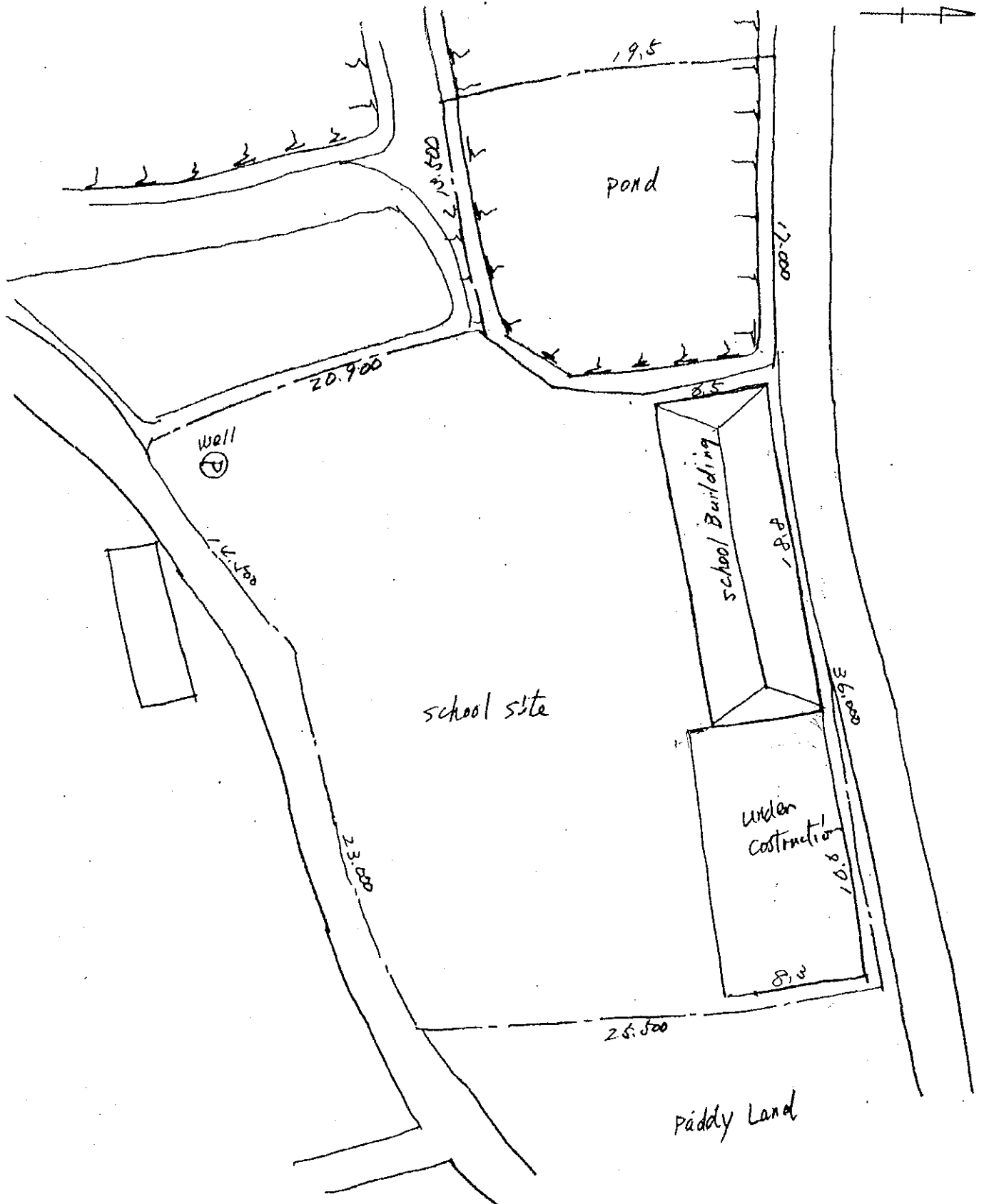
Site No.: 4



SKETCH OF THE SITE

Site No. : 4

Name of School : Golapania GPS





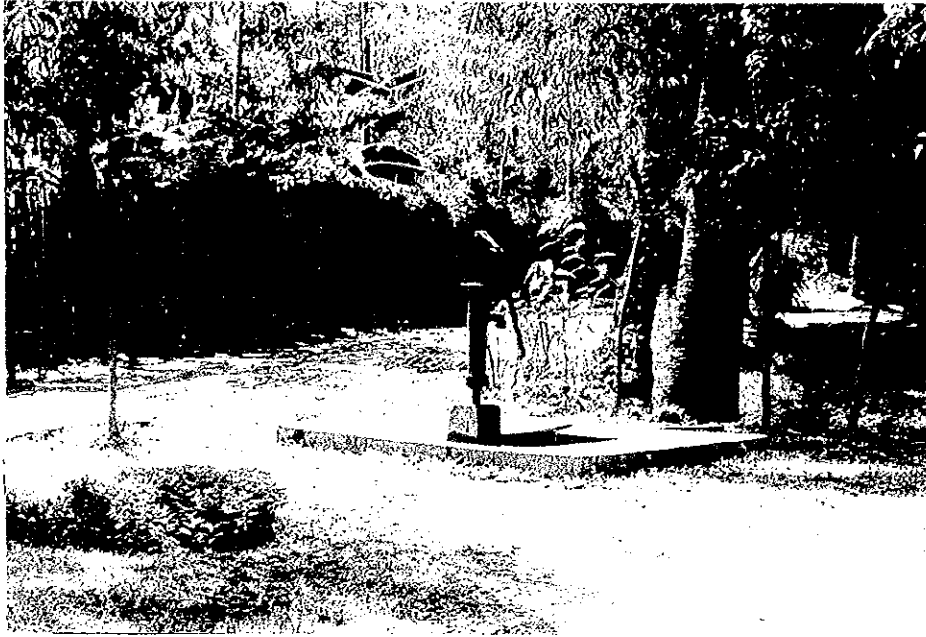
学校敷地全景



校舍全景



教室内状况



付帯施設の状況

学校周辺の地形状況



学校周辺の道路状況

SITE SURVEY CHECK LIST

(Date: 1998/10/20)

1. Site No. : 3
 East Longitude 91° 40' 56"
 North Longitude 22° 33' 56"

2. Name of School Noralia G.P.S

3. Site Location : District ; Chittagong Thana ; Sitokunda
 Union ; Barakunda Village ; Noralia

4. Interviewee : Name Mr. Aftab uddin position ; Head master
Mr. Mohshin Jahaqir chairman u P
Mrs. Juhada Begum Member u P

5. Accessibility
 1) Nearest Station, Port, Main Road: Dakha Chittagong Road Distance; 2.0 km
 2) Road Conditions
 - Kind of Pavement : Earth, Gravel, Brick, Asphalt, Concrete
 - Conditions of Pavement : Good, Not so good, Bad
 - Road Width : 3 m
 - Passable Vehicle : Motor cycle, Rikisha, Sedan, Jeep, Truck (2 ton)
 - Necessity for Repair of Road : Yes, No
 - Necessity for Repair of Bridges or Culverts : Yes, No

6. Conditions of School
 1) Name of Landowner : G.O.B
 2) Area of School Site : 810 m² (including Playground of 130 m²)
 3) School Building : 7 no(s) (Floor Area: 17.8 m × 6.6 m) = 117 m²
 4) Type of Building : RC, Brick, Wooden
 5) Building Conditions : Good, Not so good, Bad (1.5 years after built)
 6) Layout of Building : Class Room : 3 nos. (4.5 m × 6.2 m)
 Teacher's Room : 1 no(s) (2.1 m × 6.2 m)
 Other
 - Principal's Room : 0 no(s) (___ m × ___ m)
 - Storage : 0 no(s) (___ m × ___ m)
 - Toilet : 2 no(s) (___ m × ___ m)

- 7) Ancillary Facility : Well (Yes) No, out of order
 if yes, Depth of Well; 10 m with pump or not
 spec: Spail 6
 Present Conditions: Good, Not so bad, Bad

Toilet (Yes, No,
if yes, common or separate)

spec: dipping up

Present Conditions: Good, Not so bad, Bad

Electric Facility (Yes) No Powerline is installed 10" away

8) Material of Fixtures

: Desk (wooden), Chair (wooden) from the site
Locker (wooden), Blackboard (0),
Notice board (0), Bookshelf (0),
Shelf (0), Other (0)

9) Maintenance of Building

: Place; Roof (Leaking of rain?),
Pillar (Exfoliate of concrete?),
Wall (Colour painting?),
Window (Window door fitting?) Don fitting broken.

Method; Name of organisation, Thana Primary Education
Organisational unit for maintenance Committee
(H.Q., District, Thana or school),
Procedure for repair
(Requesting, Patrol by engineer = when)
TEO

7. Surrounding Conditions

1) Population within a 1.5km Radius 500 nos.

2) Distance to Neighbouring
Primary School : 3 km

3) Distance to Neighbouring
Cyclone shelter : 2 km

4) Neighbouring Killa none : Distance from the School; m
Size (Top); m x m, Height; m
Progress Ratio; %

5) Topographic Conditions Nearby : good
(Obstruction for School Attendance or Evacuation at Cyclone Time)

6) Normal Flood Level in Site : 0.6 m

7) Neighbouring Warning System : Warning organisation; BDRCS
for Cyclone Measure of warning; Hand mike, Megaphone
Kind of signal; Flag & Siren

8) Maximum Damage by Cyclone in the Past : Year of Hitting: 1960

Causalities; 670 nos.

(Why so may died?) no cyclone shelter no High Building

(How to solve?) tall trees, Hama Roof.

Surge Height: 5 m

Houses Broken: all nos.

Damage of Crops: 1200 ha

Damage of Livestock: Cow 2000 nos.

Goat 500 nos.

Sheep 3000 nos.

8. Item to Be Confirmed in Case of the Project Being Executed

- 1) Necessity for Demolition of : Yes (If yes: Executing Body SML), No.
the Existing School Building
- 2) Construction Body for Temporary School : SML
Building during the Construction of
New school.
- 3) Management and Maintenance System for : chairman U.P. and SML
Planned Facilities (Shelter-cum-school)
- 4) Neighbouring Inhabitants' Participation : Co-operation available
in Management and Maintenance for the : (Manual Labour)
Planned Facilities.

9. Similar facilities construction plans (primary schools or cyclone shelters) constructed or to be constructed by other donors (including NGOs) around each site

- 1) Past or currently implemented construction of similar facilities by other donors none
- 2) Survey of similar projects (requests to other donors, etc.) and any overlapping none

10. Capability of Sub-Contractor near the Site

- 1) No. of Sub-Contractor near the Site : 0
- 2) No. of Engineers : 0
- 3) Past Experience and Construction Records : 0

11. Availability of Procuring Construction near the site

- 1) Equipment : -
- 2) Materials : Bricks

12. Existing Well around the Site 100m northeast from the GPS

- 1) Well depth : 9 m
- 2) Screen depth : 6 m
- 3) Well diameter : 7 7/8"
- 4) Water quality : NH₄ is detected (2.0) (See Table A-10-2)
- 5) Pump spec. : Spail 0

13. The situation of education

1) Current enrolment (1998)

	Baby	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	60	46	45	35	28	22
Girls	65	39	40	59	22	23
Total	125	85	85	94	50	45

2) The number of drop-out student (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	10	12	11	9	7
Girls	15	10	13	10	9
Total	25	22	24	19	16

3) The number of repeaters (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	3	1	4	2	3
Girls	2	3	2	1	2
Total	5	4	6	3	5

4) The attendance rate : (85) % of the total registered pupils

5) The number of classes

	Class 1	Class 2	Class 3	Class 4	Class 5
No. of Classes	1	1	1	1	1

6) The number of teachers (including principal)

	Male	Female
Qualified	4	0
Non-Qualified	-	-

7) The number of shifts of classes: 1 shift / (2 shifts) / 3 shifts/ multi-grade classes: grade (1, 2) and grade (3, 4, 5)

8) The total number of children of school age in this school area

2000 R=1.5

9) What is your expectation on the enrolment change in the next five years?

- a. It will increase a lot.
- b. It will increase a little.
- c. Almost same as in this year.
- d. It will decrease a little.
- e. It will decrease a lot.

10) What are the three leading problems in terms of the environment of your school?

- a. Shortage of classrooms
- b. Shortage of furniture
- c. Shortage of toilets
- d. Shortage of water supply facilities
- e. Shortage of textbooks or other education materials
- f. Deterioration of school building
- g. Difficulty to repair facilities/equipment
- h. Lack of involvement of the community in school management
- i. Lack of parental appreciation for education
- j. Other (Road conditions are not so good)

11) Which of the following points need to be emphasized in order to increase pupils' attendance at your school?

- a. Improvement of school facilities
- b. Enhancement of equipment
- c. Increase in parental appreciation for education
- d. Improve community participation
- e. Improvement of the access to school (routes and transportation)
- f. Qualitative improvement of teachers
- g. Increase in the number of female teachers
- h. Improvement of educational content
- i. Improved distribution of textbooks
- j. Introduction of automatic advancement system
- k. Introduction of meal system
- l. Introduction of girls' classes
- m. Other (_____)

14. School management and maintenance

1) What is your school budget for the current fiscal year?

Income:

- | | |
|--------------------------------|-----------------------------|
| a. from the central government | (<u>Salary 11,800</u>) TK |
| b. from the local government | (<u>0</u>) TK |
| c. fees from students | (<u>0</u>) TK |
| d. donation | (<u>0</u>) TK |
| e. Others | (<u>0</u>) TK |
| TOTAL | (<u>✓</u>) TK |

Expenditure:

a. Salary for teachers	(5624) TK
b. Salary for other personnel	(0) TK
c. Purchase of educational materials or chalks	(1800) TK
d. Maintenance of the facilities/equipment	(0) TK
e. Other	(0) TK
TOTAL	() TK

2) Is this school currently or going to be utilized in the future for other purposes such as adult literacy classes and community meetings?

- a. currently utilized -----> purposes: (Adult Education) by lamp light
not utilized
- b. will be utilized in the future -----> purposes: (")
not be utilized

3) Currently how the school facilities maintained?

Responsibility	Overall responsibility	Finance	Manual labor
a. Thana education office	○	○	○
b. Teachers			
c. SMC	○		○
d. Parents of pupils			
e. Community			
f. Others			

- 4) How often SMC is held? : (2) / year
Other teacher-parents meetings : (3) / year

15. Social environment of children

1) How long does it take for pupils to go to school?: (10) minutes to (40) minutes
How do they commute to school?: (walk) / bicycle / bus / other

2) Do pupils work outside of schools?

- a. Boys: Paid work: yes -----> what kind of work? ()
no
Household work: (yes) -----> what kind of work? (work for family)
no
- b. Girls: Paid work: yes -----> what kind of work? ()
no
Household work: (yes) -----> what kind of work? (")
no

3) What are the main economic activities in this community?

(Rice Cultivation)

What do you think the economic situation in this community compared with the average Bangladesh communities?

- a. Much better than the average
- b. Better than the average
- c. Almost the same
- d. Worse than the average
- e. Much worse than the average

4) What are the characteristics of this community in terms of social classes, ethnicity, and religion?

(None)

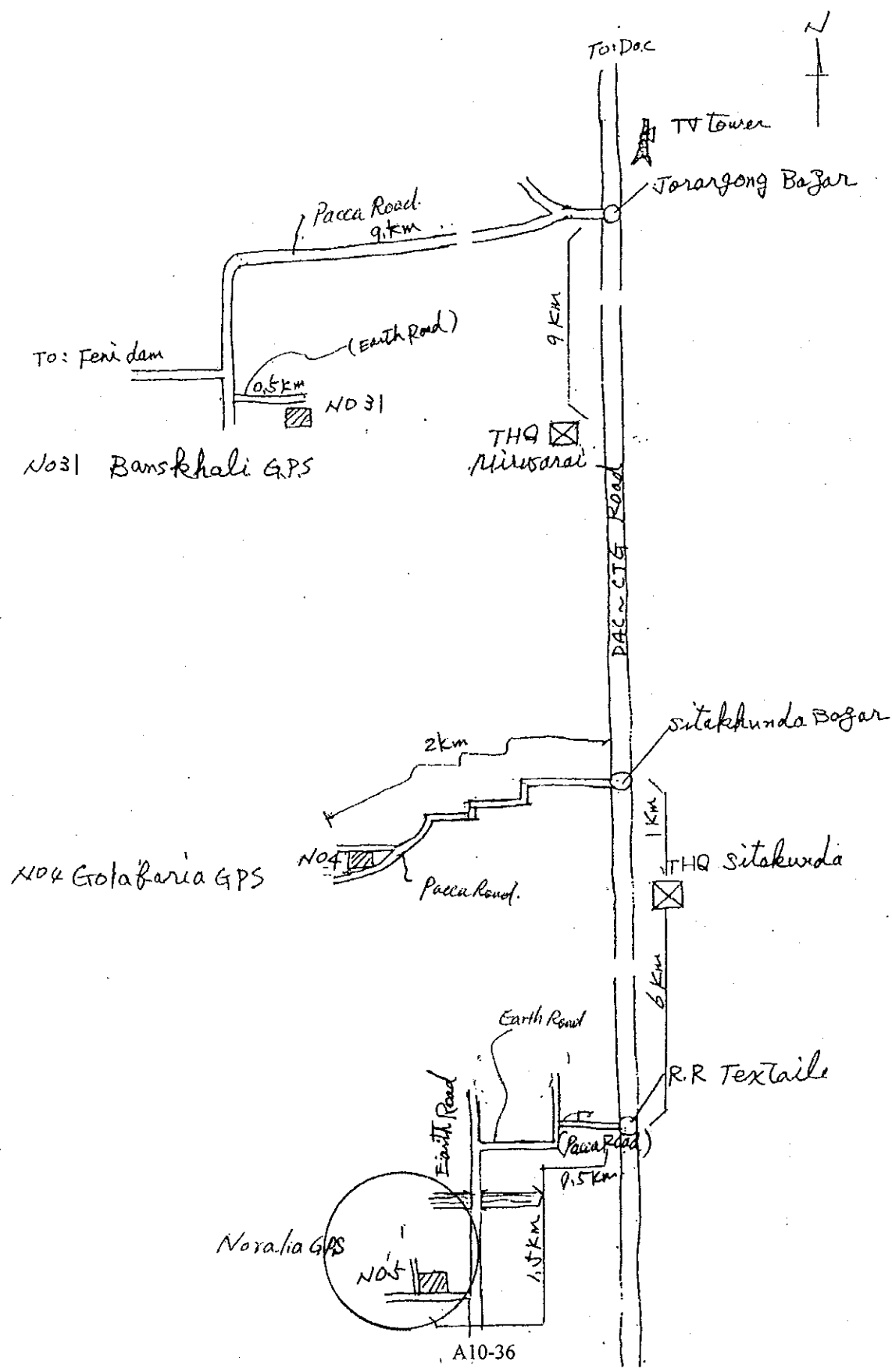
5) Are there any community organizations besides SMC in this community?

(None)

16. Others

LOCATION MAP OF THE SITE

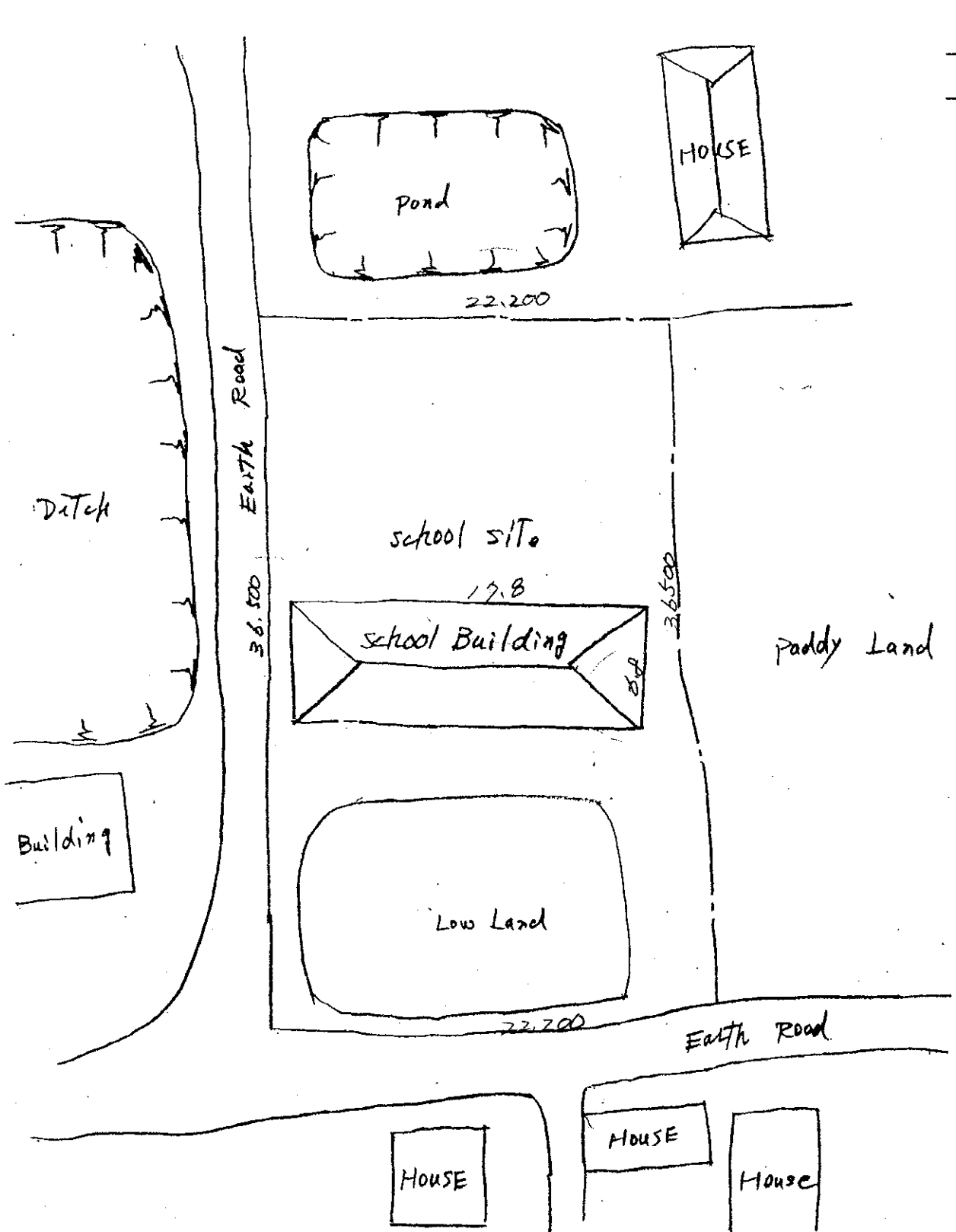
Site No.: 5

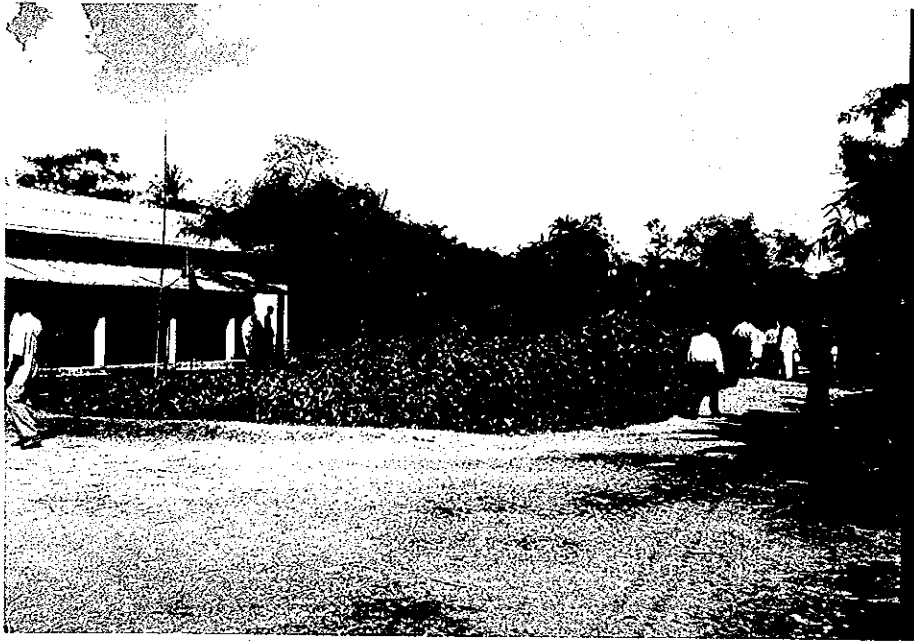


SKETCH OF THE SITE

Site No. : 5

Name of School : Naralia GPS

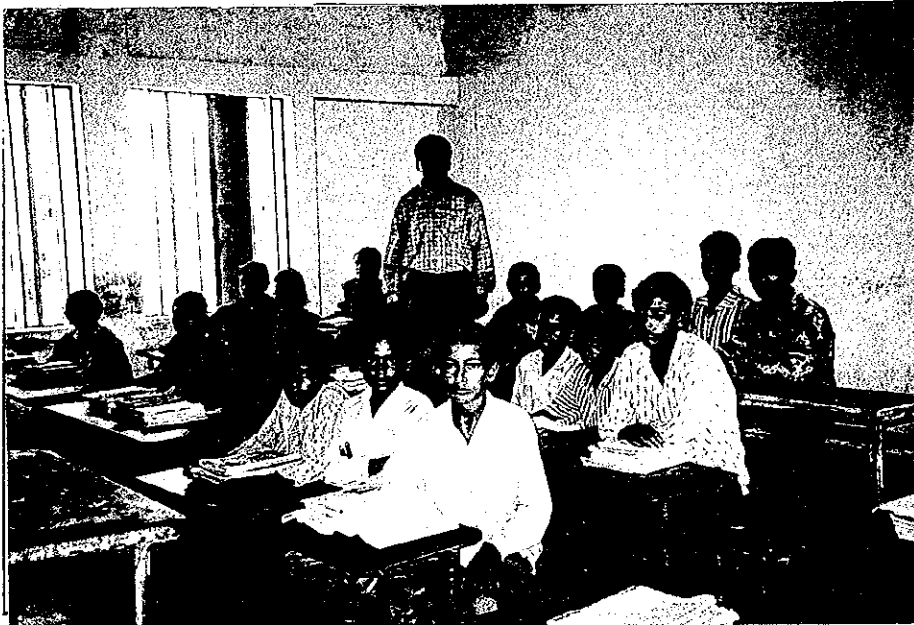




学校敷地全景



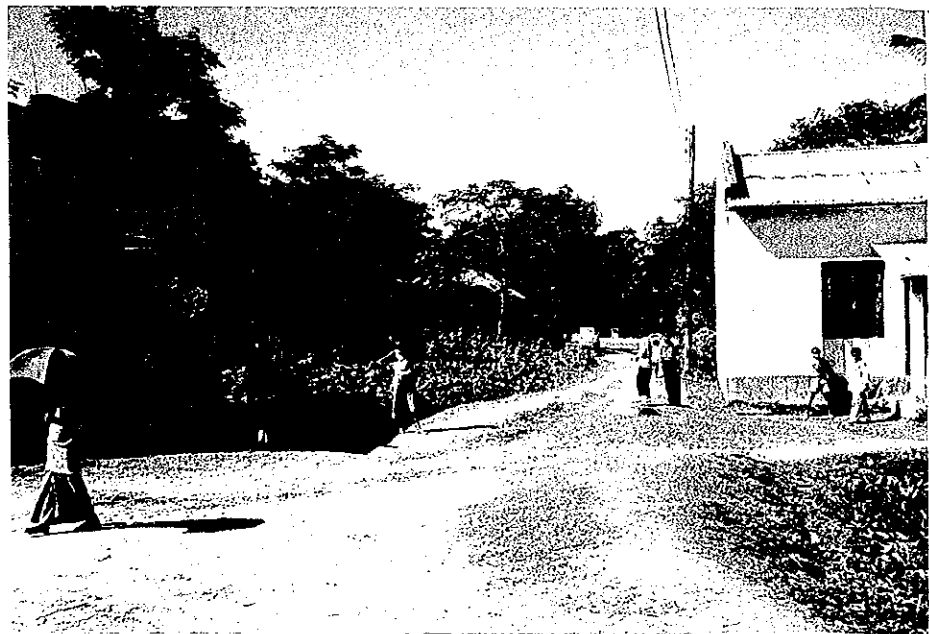
校舍全景



教室内状況



学校周辺の地形状況



学校周辺の道路状況

SITE SURVEY CHECK LIST

(Date: 1998/ 10 / 20) *am*

1. Site No. : 8
 East Longitude 91° 40' 181"
 North Longitude 22° 36' 210"
2. Name of School Sadek Mostan G.P.S
3. Site Location : District ; Chittagong Thana ; Sitakunda
 Union ; Muradpur Village ; Sadek Mostan
4. Interviewee : Name Mr. Eramul Hoque Position ; Head Master
Mr. Didarul Alam President S.M.C
Mr. Masum deola Chowdhury Donor & Funder
5. Accessibility
 1) Nearest Station, Port, Main Road: Dakha-Chittagong Distance; 0 km
 2) Road Conditions Road.
 - Kind of Pavement : Earth, Gravel, Brick, Asphalt, Concrete
 - Conditions of Pavement : Good, Not so good, Bad
 - Road Width : 8 m
 - Passable Vehicle : Motor cycle, Rikisha, Sedan, Jeep, Truck (10 ton)
 - Necessity for Repair of Road : Yes, No
 - Necessity for Repair of Bridges or Culverts : Yes, No
6. Conditions of School
 1) Name of Landowner : GOB
 2) Area of School Site : 1307m² (including Playground of 900m²)
 3) School Building : 1 no(s) (Floor Area: 22.0m × 7.8 m = 174m²)
 4) Type of Building : RC, Brick, Wooden
 5) Building Conditions : Good, Not so good, Bad (3/ years after built)
 6) Layout of Building : Class Room : 4 nos. (4.8 m × 5.5 m)
 Teacher's Room : 1 no(s) (4.8 m × 5.5 m)
 Other NIL
 - Principal's Room : No no(s) (___ m × ___ m)
 - Storage : No no(s) (___ m × ___ m)
 - Toilet : 2 no(s) (1 m × 1 m)
- 7) Ancillary Facility : Well (Yes) No,
 if yes, Depth of Well; 7 m with pump or not)
 spec: New MAYA PHF - 6
 Present Conditions: Good, Not so bad, Bad.

Toilet (Yes) No,
if yes, common or separate)

spec: dipping-up

Present Conditions: Good, Not so bad, Bad

Electric Facility (Yes) No Powerline in lead from no neighbouring

8) Material of Fixtures

: Desk (wooden), Chair (wooden) private house of
Locker (wooden), Blackboard (---), where they pay
Notice board (---), Bookshelf (---), for bill.
Shelf (---), Other (---)

9) Maintenance of Building

: Place; Roof (Leaking of rain?),
Pillar (Exfoliate of concrete?), } deteriorated.
Wall (Colour painting?),
Window (Window door fitting?)
Method; Name of organisation, Maintenance done by SMC
Organisational unit for maintenance Subscription
(H.Q., District, Thana or school), headmaster → SMC → committee
Procedure for repair local people
(Requesting, Patrol by engineer = when) no visit from Thana engineer

7. Surrounding Conditions

1) Population within a 1.5km Radius

2000 nos. (above)

2) Distance to Neighbouring

Primary School

: 1.5 km

3) Distance to Neighbouring

Cyclone shelter

: 2 km

4) Neighbouring Killa

No

: Distance from the School; --- m
Size (Top); --- m × --- m, Height; --- m
Progress Ratio; --- %

5) Topographic Conditions Nearby

: Nothing

(Obstruction for School Attendance or Evacuation at Cyclone Time)

6) Normal Flood Level in Site

: 0.6 m

7) Neighbouring Warning System:

for Cyclone

Warning organisation; BD.RCS
Measure of warning; sirring
Kind of signal; Flag & Siren

8) Maximum Damage by Cyclone in the Past : Year of Hitting: 1963

Casualties; 250 nos. 1991 (100-150 people died)

(Why so may died?) no shelter

(How to solve?) Evacuated to house roof, tall trees.

Surge Height: 3.0 m

Houses Broken: 99% nos.

Damage of Crops: 100% ha

Damage of Livestock: Cow 100% nos.

Goat 100% nos.

Sheep NIL nos.

Chicken

duck.

8. Item to Be Confirmed in Case of the Project Being Executed

1) Necessity for Demolition of : Yes (If yes: Executing Body SMC), No.
the Existing School Building

2) Construction Body for Temporary School : SMC
Building during the Construction of
New school.

3) Management and Maintenance System for : SMC
Planned Facilities (Shelter-cum-school)

4) Neighbouring Inhabitants' Participation : Public donation
in Management and Maintenance for the
Planned Facilities. Manual Labour

9. Similar facilities construction plans (primary schools or cyclone shelters) constructed or to be constructed by other donors (including NGOs) around each site

1) Past or currently implemented construction of similar facilities by other donors NIL

2) Survey of similar projects (requests to other donors, etc.) and any overlapping
NIL

10. Capability of Sub-Contractor near the Site

1) No. of Sub-Contractor near the Site : NO

2) No. of Engineers : NO

3) Past Experience and Construction Records : NO

11. Availability of Procuring Construction near the site

1) Equipment : 0

2) Materials : 0

12. Existing Well ^{NIL} around the Site

1) Well depth : 7.0 m

2) Screen depth : N.A

3) Well diameter : 30 mm

4) Water quality : Arsenic (0.09 mg/l) was detected : non-drinkable

5) Pump spec. : New MAYA PHE-6 (See Table A-10.2)

13. The situation of education

1997

1) Current enrolment (1998)

INFANT		Class 1	Class 2	Class 3	Class 4	Class 5
22	Boys	58	51	88	58	59
24	Girls	52	51	92	52	60
46	Total	110	102	180	110	119

621

2) The number of drop-out student (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	—	—	3	2	
Girls	—	—	1	3	2
Total	—	—	4	5	2

class 1, 2
autonomous
wheat
(Food for Education)

← 4 →

3) The number of repeaters (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys					
Girls					
Total					

4) The attendance rate : (85) % of the total registered pupils

5) The number of classes

	Class 1	Class 2	Class 3	Class 4	Class 5
No. of Classes	1	1	1	1	1

6) The number of teachers (including principal)

	Male	Female
Qualified	2	4
Non-Qualified	—	—

6

7) The number of shifts of classes: 1 shift / 2 shifts / 3 shifts/ multi-grade classes: grade (1, 2) and grade (3, 4, 5)

8) The total number of children of school age in this school area

Enrolment pupils are 80-85% of the total number of

9) What is your expectation on the enrolment change in the next five years? school age children

- It will increase a lot.
- It will increase a little.
- Almost same as in this year.
- It will decrease a little.
- It will decrease a lot.

• food for education program will be started.

10) What are the three leading problems in terms of the environment of your school?

- a. Shortage of classrooms
- b. Shortage of furniture
- c. Shortage of toilets
- d. Shortage of water supply facilities
- e. Shortage of textbooks or other education materials
- f. Deterioration of school building -- risky
- g. Difficulty to repair facilities/equipment
- h. Lack of involvement of the community in school management
- i. Lack of parental appreciation for education
- j. Other (_____)

11) Which of the following points need to be emphasized in order to increase pupils' attendance at your school?

- a. Improvement of school facilities
- b. Enhancement of equipment
- c. Increase in parental appreciation for education
- d. Improve community participation
- e. Improvement of the access to school (routes and transportation)
- f. Qualitative improvement of teachers
- g. Increase in the number of female teachers
- h. Improvement of educational content
- i. Improved distribution of textbooks
- j. Introduction of automatic advancement system
- k. Introduction of meal system
- l. Introduction of girls' classes
- m. Other (_____)

14. School management and maintenance

1) What is your school budget for the current fiscal year?

Income: salary --

- | | |
|--|---------------------|
| a. from the central government | (12300+250) TK |
| b. from the local government | () TK |
| c. fees from students | (13000) TK → exam |
| <input checked="" type="radio"/> d. donation | (5000) TK |
| e. Others | () TK |
| TOTAL | () TK |

Contingency
 250×12
 $= 3.000 /=-$

Expenditure:

- a. Salary for teachers (17,300) TK
- b. Salary for other personnel () TK
- c. Purchase of educational materials or chalks (250/10) TK
- d. Maintenance of the facilities/equipment () TK
- e. Other (500) TK
- TOTAL () TK

2) Is this school currently or going to be utilized in the future for other purposes such as adult literacy classes and community meetings?

- a. currently utilized -----> purposes: (meetings)
not utilized
- b. will be utilized in the future -----> purposes: (adult education)
not be utilized

3) Currently how the school facilities maintained?

Responsibility	Overall responsibility	Finance	Manual labor
a. Thana education office			
b. Teachers			
c. SMC	○	○	○
d. Parents of pupils			
e. Community			
f. Others			

- 4) How often SMC is held? : (12) / year
- Other teacher-parents meetings : (2-3) / year

15. Social environment of children

1) How long does it take for pupils to go to school?: (15) minutes to (20) minutes
How do they commute to school?: (walk) bicycle/ bus/ other

2) Do pupils work outside of schools?

- a. Boys: Paid work: yes -----> what kind of work? ()
no
- Household work: (yes) -----> what kind of work? (House keeping)
no
- b. Girls: Paid work: yes -----> what kind of work? ()
no
- Household work: (yes) -----> what kind of work? (House keeping)
no

3) What are the main economic activities in this community?

(Agriculture, Ship Breaking)

What do you think the economic situation in this community compared with the average Bangladesh communities?

a. Much better than the average

b) Better than the average

c. Almost the same

d. Worse than the average

e. Much worse than the average

4) What are the characteristics of this community in terms of social classes, ethnicity, and religion?

(None)

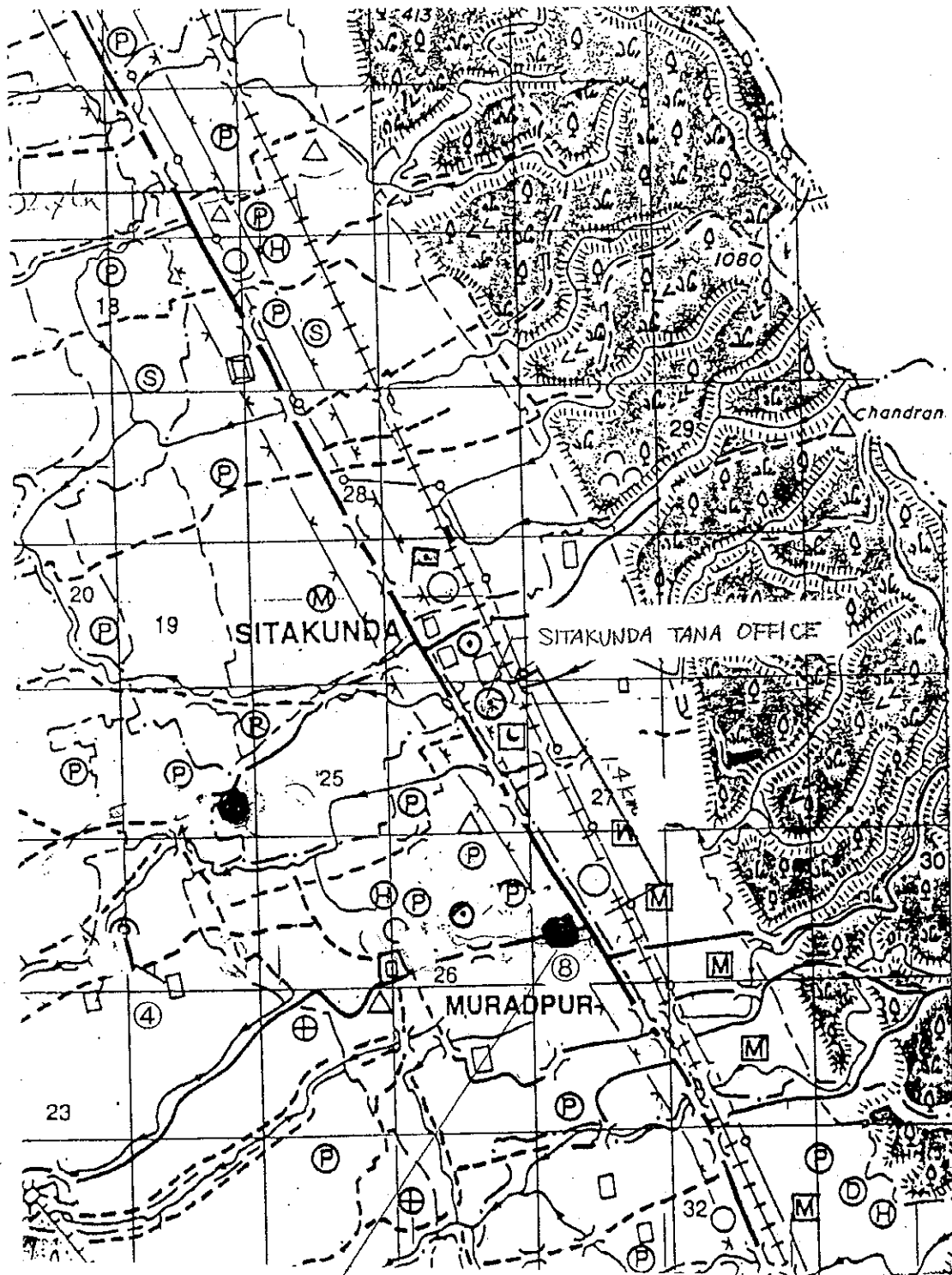
5) Are there any community organizations besides SMC in this community?

()

16. Others

LOCATION MAP OF THE SITE

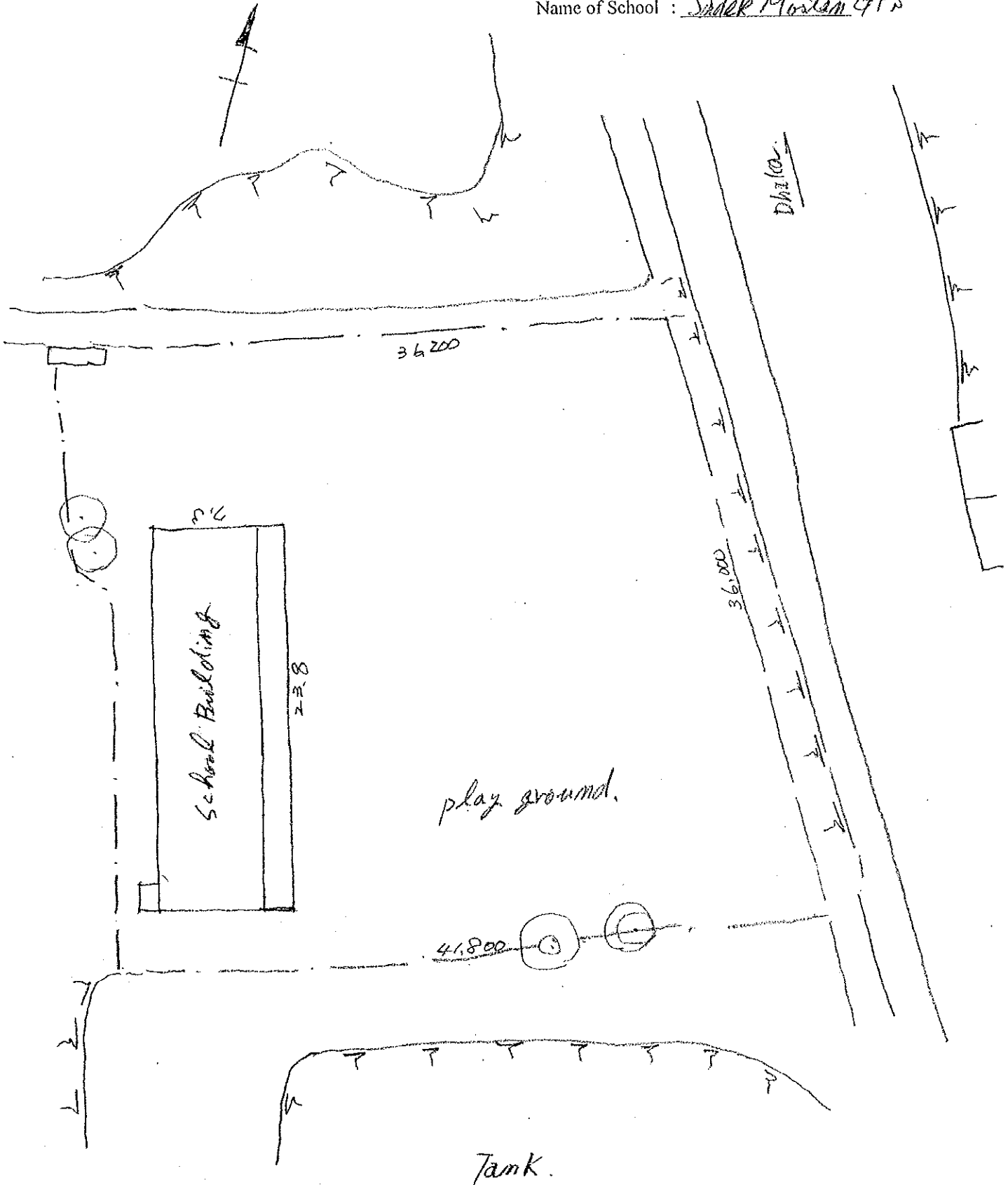
Site No.: 8

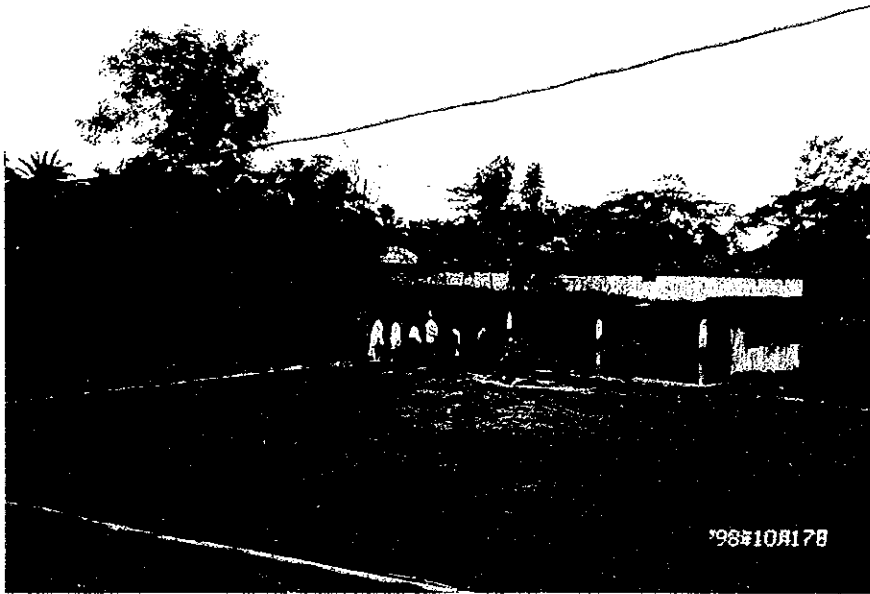


Site No. 8. Sadek Mostan GPS
0 km away from Dhaka - Chittagong Road

SKETCH OF THE SITE

Site No. : 8
Name of School : Sadek Mostafa GPS

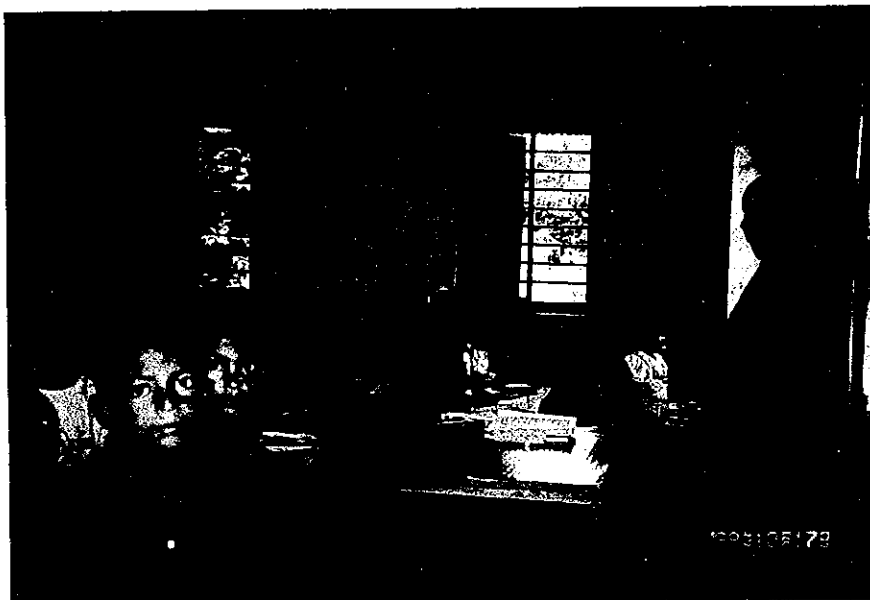




学校敷地全景



校舍全景



教室内状況



学校周辺の地形状況



付帯施設の状況



学校周辺の道路状況

SITE SURVEY CHECK LIST

(Date: 1998/ 10 / 20)

1. Site No. : 9
 East Longitude 91° 21' 31.4"
 North Longitude 22° 37' 57.6"
2. Name of School West Sayedpur G.P.S
3. Site Location : District ; Chittagong Thana ; Sitakunda
 Union ; Sayedpur Village ; Sayedpur
4. Interviewee : Name Mr. Abu Hossain Position ; Head Master
Mr. Anowara/ Azim President S.H.C
Mt. Md. Alam Hamit UP member
5. Accessibility
 1) Nearest Station, Port, Main Road: Dakha ~ Chittagong Distance; 35 km
 2) Road Conditions
 - Kind of Pavement : Earth, Gravel, Brick, Asphalt, Concrete
 - Conditions of Pavement : Good, Not so good, Bad
 - Road Width : 3.0 m
 - Passable Vehicle : Motor cycle, Rikisha, Sedan, Jeep, Truck (2 ton)
 - Necessity for Repair of Road : Yes No
 - Necessity for Repair of Bridges or Culverts : Yes, No
6. Conditions of School
 1) Name of Landowner : Government
 2) Area of School Site : 675 m² (including Playground of 200 m²)
 3) School Building : 7 no(s) (Floor Area: 22.25 m × 6.0 m = 132 m²)
 4) Type of Building : RC, Brick Wooden
 5) Building Conditions : Good, Not so good, Bad (20 years after built)
 6) Layout of Building : Class Room : 3 nos. (6.3 m × 5 m)
 Teacher's Room : 1 no(s) (3.15 m × 5 m)
 Other
 - Principal's Room : NIL no(s) (___ m × ___ m)
 - Storage : NIL no(s) (___ m × ___ m)
 - Toilet : 1 no(s) (1 m × 1 m) ^{for teacher-student}
- 7) Ancillary Facility : Well (Yes, No)
 if yes, Depth of Well; ___ m with pump or not
 spec: _____
 Present Conditions: Good Not so bad, Bad.

Toilet (Yes) No,
if yes, (common) or separate)

spec: Dipping up

Present Conditions: (Good) Not so bad, Bad

Electric Facility (Yes, (No) powerline is installed 500 m away)

8) Material of Fixtures

: Desk (wooden), Chair (wooden) from outside site
Locker (wooden), Blackboard (wooden),
Notice board (0), Bookshelf (0),
Shelf (0), Other (0)

9) Maintenance of Building

: Place; Roof (Leaking of rain?),
Pillar (Exfoliate of concrete?),
Wall (Colour painting?) peeled off
Window (Window door fitting?) bad

Method; Name of organisation,

Organisational unit for maintenance

(H.Q., District, Thana or school),

Procedure for repair 7E.

(Requesting, Patrol by engineer = when)

Inspector of school visit the site.

7. Surrounding Conditions

1) Population within a 1.5km Radius : 4000 nos.

2) Distance to Neighbouring
Primary School : 1.5 km

3) Distance to Neighbouring
Cyclone shelter : 1.5 km

4) Neighbouring Killa none: Distance from the School; m
Size (Top); m X m, Height; m
Progress Ratio; %

5) Topographic Conditions Nearby :
(Obstruction for School Attendance or Evacuation at Cyclone Time)

6) Normal Flood Level in Site : 2.3 m

7) Neighbouring Warning System : Warning organisation; BDRCS
for Cyclone Measure of warning; Miking/Megaphone
Kind of signal; Flag

8) Maximum Damage by Cyclone in the Past : Year of Hitting: 1963

Causalities: 200 nos.

(Why so may died?) no embankment/shelter

(How to solve?) (making cyclone shelter)

Surge Height: 3.0 m 14 feet

Houses Broken: 100% nos.

Damage of Crops: 100% ha

Damage of Livestock: Cow 100 nos.

Goat 100 nos.

Sheep nos.

others 100%

50
evacuated (children / old people)
to shakanda hill female

8~9 feet

50%

100%

60%

80%

8. Item to Be Confirmed in Case of the Project Being Executed

1) Necessity for Demolition of : Yes (If yes: Executing Body SMC), No. the Existing School Building

2) Construction Body for Temporary School Building during the Construction of New school. : SMC

3) Management and Maintenance System for Planned Facilities (Shelter-cum-school) : SMC / villages

4) Neighbouring Inhabitants' Participation in Management and Maintenance for the Planned Facilities. : Yes. (Manual Labour)

9. Similar facilities construction plans (primary schools or cyclone shelters) constructed or to be constructed by other donors (including NGOs) around each site NO

1) Past or currently implemented construction of similar facilities by other donors

2) Survey of similar projects (requests to other donors, etc.) and any overlapping

10. Capability of Sub-Contractor near the Site

1) No. of Sub-Contractor near the Site : N/D

2) No. of Engineers : N/D

3) Past Experience and Construction Records : N/D

11. Availability of Procuring Construction near the site

1) Equipment : N/D

2) Materials : N/D

12. Existing Well around the Site

80 m north away from the G.P.S

1) Well depth : 11 m

2) Screen depth : N.A

3) Well diameter : 38 mm

4) Water quality : good (See Table A-10-2)

5) Pump spec. : spail - b

13. The situation of education

1) Current enrolment (1998)

INFANT		Class 1	Class 2	Class 3	Class 4	Class 5
25	Boys	35	32	36	19	22
20	Girls	41	36	25	14	21
45	Total	76	68	61	33	43
		281				

2) The number of drop-out student (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	—	—	1	—	2
Girls	—	—	—	1	1
Total	—	—	1	1	3
5					

3) The number of repeaters (1997)

	Class 1	Class 2	Class 3	Class 4	Class 5
Boys	—	—	2	1	5
Girls	—	—	1	2	—
Total	—	—	3	3	5

4) The attendance rate : (80-85) % of the total registered pupils

food for education
programs - 40%

5) The number of classes

	Class 1	Class 2	Class 3	Class 4	Class 5
No. of Classes	1	1	1	1	1

6) The number of teachers (including principal)

	Male	Female
Qualified	2	2
Non-Qualified	—	—

4

7) The number of shifts of classes: 1 shift / 2 shifts / 3 shifts/ multi-grade classes: grade (1, 2) and grade (3, 4, 5)

8) The total number of children of school age in this school area

281 / 324

9) What is your expectation on the enrolment change in the next five years?

- a. It will increase a lot.
- b. It will increase a little.
- c. Almost same as in this year.
- d. It will decrease a little.
- e. It will decrease a lot.

10) What are the three leading problems in terms of the environment of your school?

- a. Shortage of classrooms
- b. Shortage of furniture
- c. Shortage of toilets
- d. Shortage of water supply facilities
- e. Shortage of textbooks or other education materials
- f. Deterioration of school building
- g. Difficulty to repair facilities/equipment
- h. Lack of involvement of the community in school management
- i. Lack of parental appreciation for education
- j. Other (Sports materials)

11) Which of the following points need to be emphasized in order to increase pupils' attendance at your school?

- a. Improvement of school facilities
- b. Enhancement of equipment
- c. Increase in parental appreciation for education
- d. Improve community participation
- e. Improvement of the access to school (routes and transportation)
- f. Qualitative improvement of teachers
- g. Increase in the number of female teachers
- h. Improvement of educational content
- i. Improved distribution of textbooks
- j. Introduction of automatic advancement system
- k. Introduction of meal system
- l. Introduction of girls' classes
- m. Other (road condition)

14. School management and maintenance

1) What is your school budget for the current fiscal year?

Income:

- | | | |
|--------------------------------|-----------------------|--------|
| a. from the central government | (<u>199,432</u>) TK | |
| b. from the local government | () TK | |
| c. fees from students | () TK | salary |
| d. donation | (<u>3500 /=</u>) TK | exam |
| e. Others | () TK | |
| TOTAL | () TK | |

contingency allowance 150 x 12

SMC donation 500 TK vertex

Expenditure:

a. Salary for teachers	(144,432) TK
b. Salary for other personnel	() TK
c. Purchase of educational materials or chalks	(200/14) TK
d. Maintenance of the facilities/equipment	(3,000) TK
e. Other	() TK
TOTAL	() TK

2) Is this school currently or going to be utilized in the future for other purposes such as adult literacy classes and community meetings?

a. currently utilized -----> purposes: ()
 not utilized

b. will be utilized in the future -----> purposes: (Milord (religious) Community meeting)
 not be utilized

3) Currently how the school facilities maintained?

Responsibility	Overall responsibility	Finance	Manual labor
a. Thana education office		○	
b. Teachers			
c. SMC	○		
d. Parents of pupils		○	
e. Community			
f. Others			

4) How often SMC is held? : (12) / year
 Other teacher-parents meetings : (2) / year

15. Social environment of children

1) How long does it take for pupils to go to school?: (25) minutes to (30) minutes
 How do they commute to school?: (walk) bicycle/ bus/ other

2) Do pupils work outside of schools?

a. Boys: Paid work: yes -----> what kind of work? ()
 no

Household work: (yes) -----> what kind of work? (cultivation, Fishing)
 no

b. Girls: Paid work: yes -----> what kind of work? ()

(no)
 Household work: (yes) -----> what kind of work? (Household work)
 no

3) What are the main economic activities in this community?

(Cultivation (90%) Service (5%) Business 5%)

What do you think the economic situation in this community compared with the average Bangladesh communities?

- a. Much better than the average
- b. Better than the average
- c. Almost the same
- d. Worse than the average
- e. Much worse than the average

4) What are the characteristics of this community in terms of social classes, ethnicity, and religion?

(Mainly religious 100% Moslem)

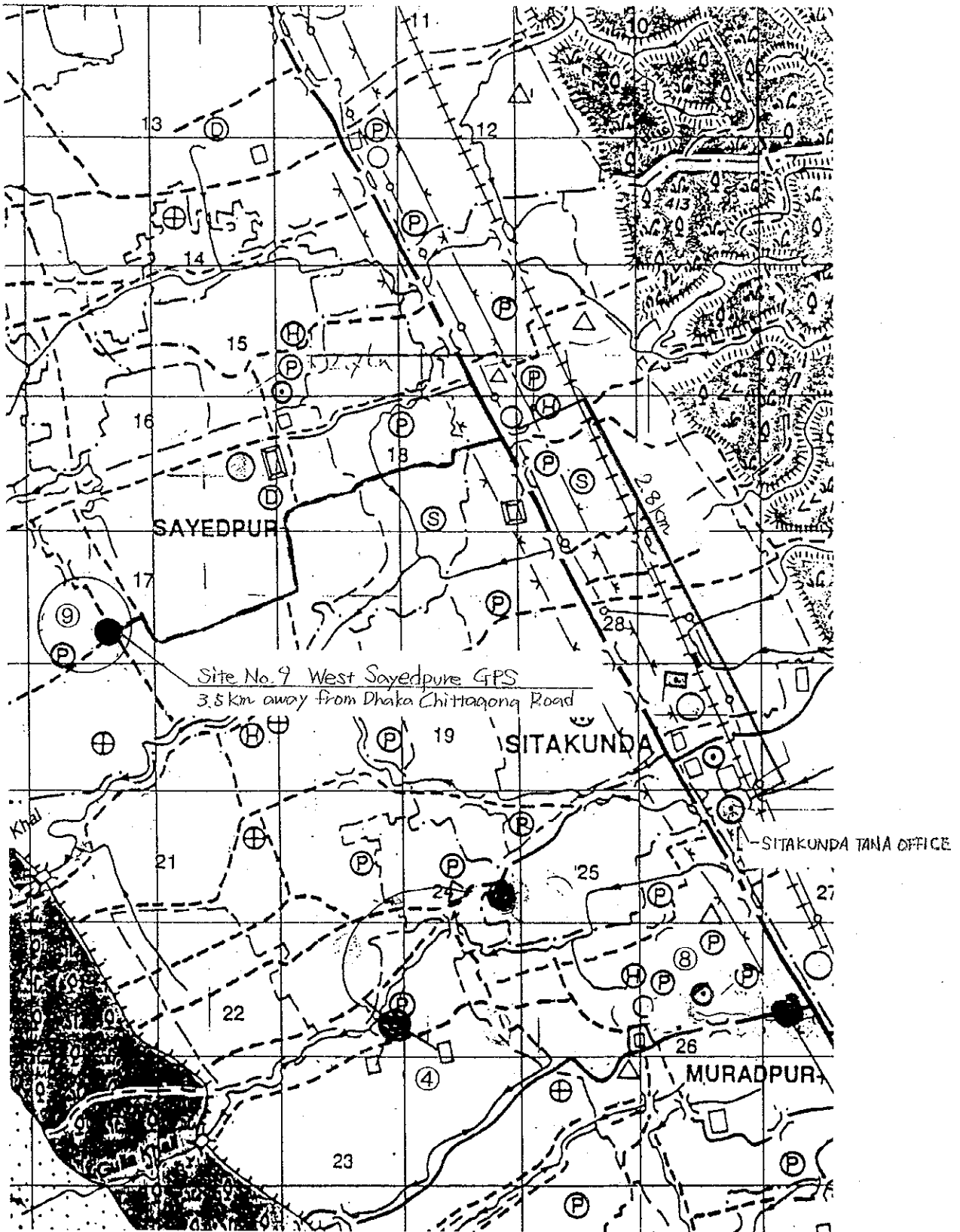
5) Are there any community organizations besides SMC in this community?

(NIL)

16. Others

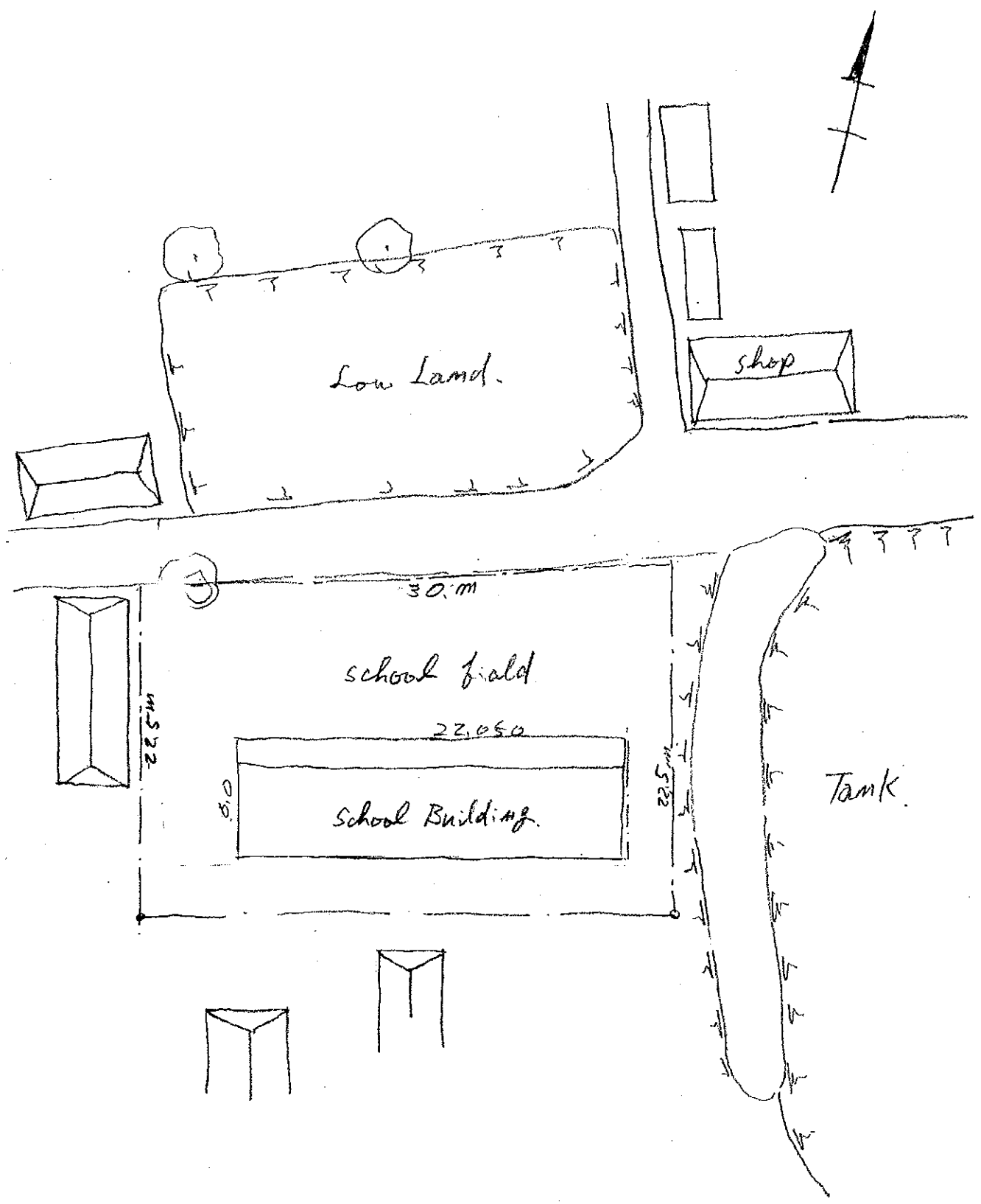
LOCATION MAP OF THE SITE

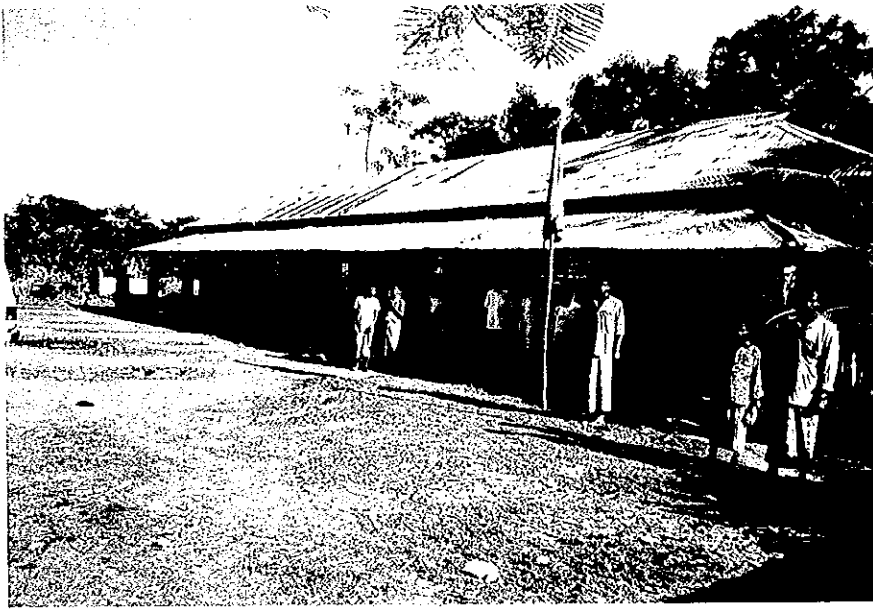
Site No.: 9



SKETCH OF THE SITE

Site No. : 9
Name of School : West Sayedpur G.P.S



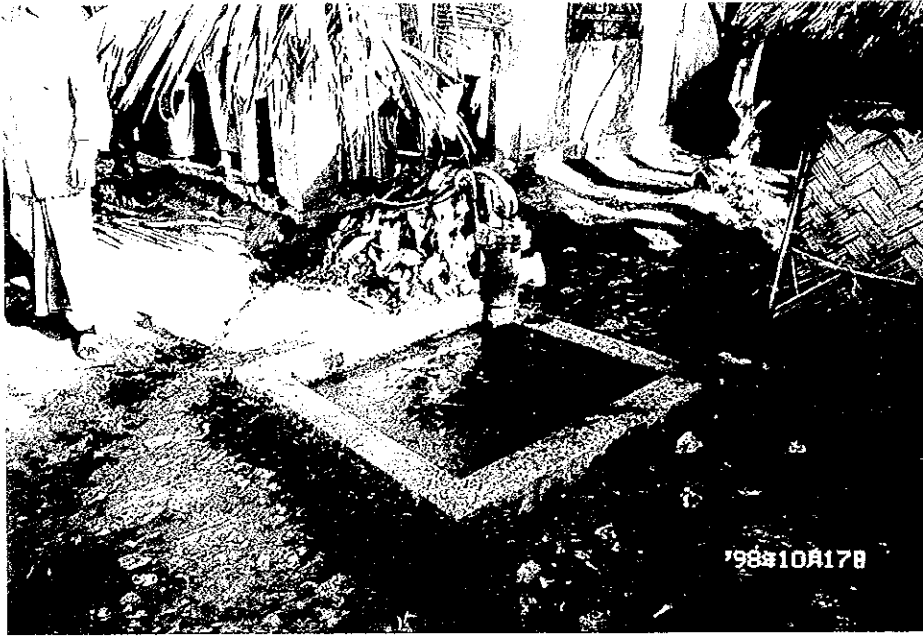


学校敷地全景

校舍全景



教室内状况



付帯施設の状況

学校周辺の地形状況

