

FLOOD SURVEY

(B ZONE)

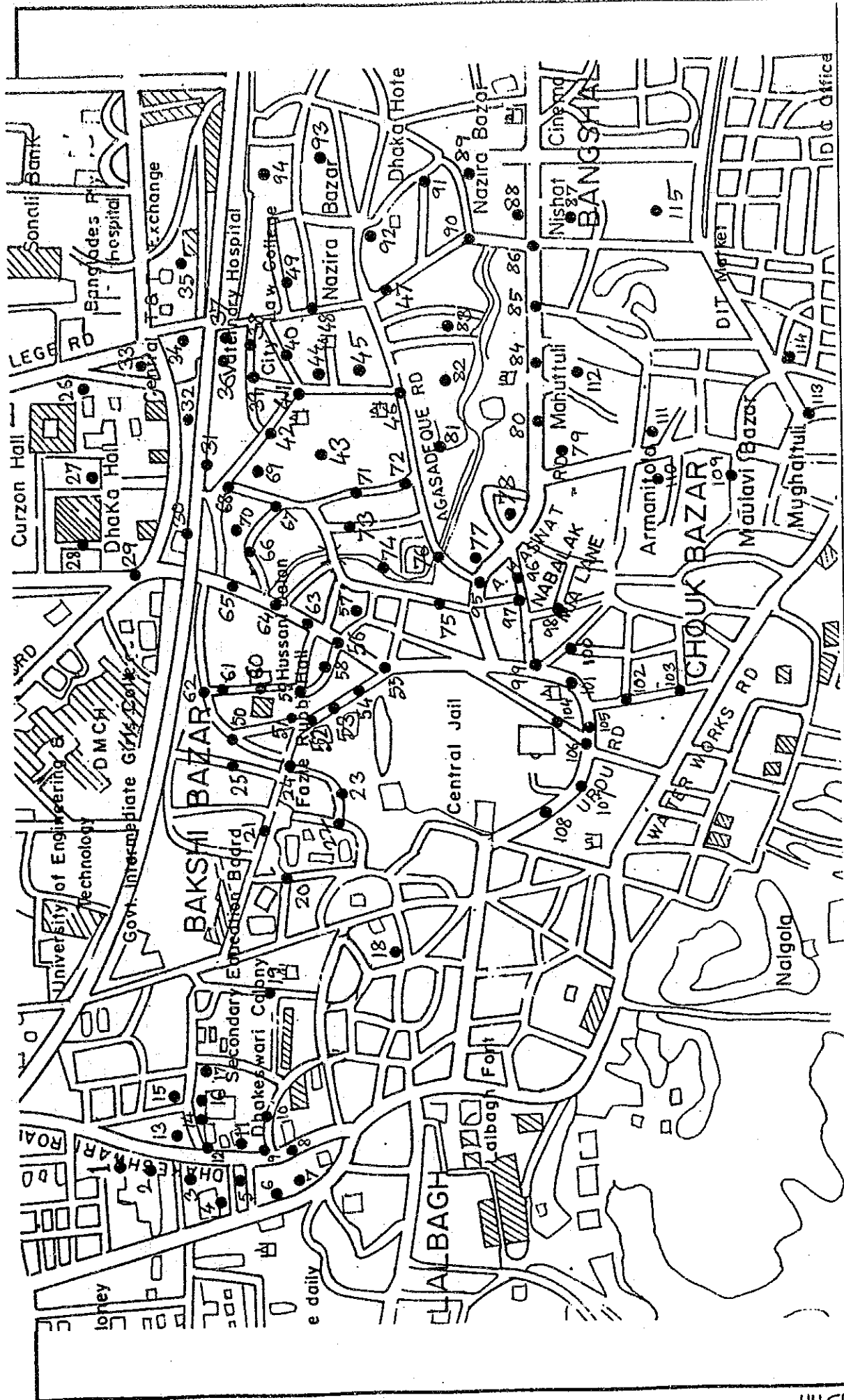


FIG. Flood Survey Points in B Zone (1)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Ditch	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1		✓		✓				✓		1	5 hr	6	1	20 hr	-	✓		✓			
2		✓		✓				✓		1	4"	6	2	7"	'86			✓			
3		✓		✓				✓		1	10"	5	2	12"	'86	✓					
4		✓		✓				✓		1	3"	5	1	8"	'83			✓			
5	✓							✓		1	24"	4	2	1 day	'86	✓		✓			
6		✓		✓				✓		2	5 day	5	2	15"	'86	✓		✓			
7	✓			✓				✓		-	-	-	-	-	-						
8		✓		✓				✓		1	5 hr	3	1	6 hr	'86	✓		✓			
9		✓		✓				✓		1	4"	5	2	12"	'86	✓		✓			
10		✓		✓				✓		3	4 day	4	4	5 day	'86	✓		✓			
11		✓		✓				✓		2	2"	5	2	3"	'86	✓		✓			
12	✓			✓				✓		1	20 hr	5	1	20 hr	'86			✓			
13		✓		✓				✓		1	5"	5	1	6"	-			✓			
14	✓			✓				✓		-	-	-	-	-	-						
15		✓		✓				✓		1	10 hr	3	1	20"	'86	✓		✓			
16			✓	✓				✓		2	1 day	5	2	3 day	'86	✓		✓			
17		✓		✓				✓		1	24 hr	5	2	2"	'86	✓		✓			
18	✓			✓				✓		2	10 hr	7	2	1"	-			✓			
19	✓			✓				✓		-	-	-	-	-	-						

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 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
20	✓			✓					✓		2	10 hr	8	3	2 days	'86	✓						
21	✓				✓					✓	1	4	3	1	5 hr	-			✓				
22	✓			✓							2	2 day	10	3	4 days	'86	✓						
23	✓			✓							3	3"	10-12	3	6"	'84	✓						
24	✓			✓							-	-	-	-	-	-							
25		✓		✓							2	1"	12	3	3"	'86	✓						
26		✓			✓						2	1 day	3	2	2 days	'86	✓						
27		✓			✓						2	1"	3-4	3	3"	'86	✓						
28		✓			✓						2	1	3-4	3	3"	'86	✓						
29		✓			✓						2	2"	4	3	4"	'85	✓						
30		✓			✓						2	1"	3-4	3	3"	'86	✓						
31		✓			✓						2	24 hr	3	2	2"		✓						
32		✓		✓							2	4 day	3	3	8"	'82	✓						
33		✓			✓						2	3"	6	3	6"	'85	✓						
34		✓			✓						2	2"	3	3	3"	'84	✓						
35		✓			✓						2	2"	3	3	3"	'83	✓						
36		✓			✓						2	3"	4-5	4	4"	'68	✓						
37		✓			✓						2	2-4 hr	5-6	3	2-3"	'77	✓						

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NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged						
	High	Low	Very Low	Nothing	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
38	✓		✓						✓		2	7 days	20	3	10 days	'74, '86	✓					
39	✓		✓						✓		2	6"	15	3	10"	'74	✓					
40	✓		✓						✓		-	-	-	1	2"	'86	✓					
41	✓		✓						✓		-	-	-	1	1"	'74	✓					
42	✓		✓						✓		-	-	-	1	6"	'74	✓					
43	✓		✓						✓		-	-	-	1	8 hrs	'74	✓					
44	✓		✓						✓		2	1"	5-6	3	3 days	'69	✓					✓
45	✓		✓						✓		-	-	-	1	1 day	'74	✓					
46	✓		✓						✓		1	1 day	10	1	2"	'86	✓					
47	✓		✓						✓		-	-	-	-	-	-	✓					
48	✓		✓						✓		-	-	-	1	4 hrs	'86	✓					
49	✓		✓						✓		1	6 hrs	2-3	2	1 day	'85	✓					✓
50	✓								✓		2	2 days	14-15	4	4 days	-	✓					✓
51	✓								✓		3	3"	15	3	6"	'86	✓					✓
52	✓								✓		3	3"	30	4	7"	'86	✓					✓
53	✓								✓		3	3"	25	4	6"	'86	✓					
54	✓								✓		2	2"	25	3	6"	'85	✓					
55	✓								✓		-	-	-	1	6 hrs	'83	✓					
56	✓								✓		1	1 day	20	2	3 days	'71	✓					
57	✓								✓		2	2"	25	3	5"	'60	✓					
58	✓								✓		2	2"	20	3	6"	-	✓					

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NAME OF DRAINAGE AREA

FIGURE No. _____

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.								
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
59	✓					✓				✓	2	3 days	25	3	3	6 days	1980		✓				✓
60	✓			✓						✓	2	2 days	22	3	3	5 days	1986	✓					
61	✓			✓						✓	1	1 day	20	2	2	3 days	-	✓					
62	✓			✓						✓	1	4 hr	3	1	1	15 hr	-	✓					
63	✓					✓				✓	1	2 days	20	2	2	3 days	1986	✓					
64	✓			✓						✓	1	1 day	20	2	2	3 days	1974	✓					
65	✓			✓						✓	-	-	-	1	1	6 hr	-	✓					
66	✓			✓						✓	2	3 days	24	3	3	5 days	1986	✓					
67	✓			✓						✓	2	4 days	30	3	3	6 days	1968	✓					
68	✓			✓						✓	1	1 day	25	2	2	3 days	1983	✓					
69	✓			✓						✓	1	-	-	4	4	-	-	✓					
70	✓			✓						✓	2	2 days	7	4	4	4 days	1986	✓					
71	✓			✓						✓	1	4 days	23	2	2	5 days	1986	✓					
72	✓			✓						✓	-	-	-	1	1	1 day	1983	✓					
73	✓			✓						✓	1	1 day	20	2	2	4 days	1964	✓					
74	✓			✓						✓	1	1 day	20	2	2	3 days	1986	✓					
75	✓			✓						✓	2	7 days	18	4	4	12 days	1974	✓					
76	✓			✓						✓	2	5 days	20	4	4	10 days	1974	✓					
77	✓			✓						✓	2	1 day	4	3	3	3 days	1984	✓					
78	✓			✓						✓	2	1 day	4	3	3	3 days	1983	✓					
79	✓			✓						✓	2	1 day	4	3	3	3 days	1983	✓					
80	✓			✓						✓	-	-	-	-	-	-	-	✓					
81	✓			✓						✓	2	24 hr	6	3	3	3 days	1977	✓					
82	✓			✓						✓	-	-	-	-	-	-	-	✓					

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 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.							
	High	Very Low	Notching	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
83	✓		✓						✓		-	-	-	1	5 ^{hr}	1986	✓				✓	
84	✓		✓						✓		-	-	-	1	3 ^{hr}	-	✓					
85	✓		✓						✓		10	16	1	1	1 ^{day}	1986	✓					
86	✓		✓						✓		-	-	-	1	6 ^{hr}	1986	✓					
87		✓			✓				✓		12 ^{hr}	5	3	3	2 ^{days}	1985	✓					✓
88		✓			✓				✓		12 ^{hr}	6	3	3	1 ^{day}	1986	✓					✓
89		✓			✓				✓		18 ^{hr}	6	4	4	2 ^{days}	1981	✓					✓
90	✓				✓				✓		8 ^{hr}	15	2	2	2 ^{days}	1986	✓					✓
91											-	-	-	-	-	-						
92		✓			✓				✓		12 ^{hr}	5	2	2	1 ^{1/2} days	1986	✓					✓
93		✓			✓				✓		12 ^{hr}	5	3	3	1 ^{day}	1973	✓					✓
94		✓			✓				✓		6 ^{hr}	4	2	2	1 ^{day}	1986	✓					✓
95	✓				✓				✓		2	20	4	4	3 ^{days}							✓
96	✓				✓				✓		1	10	3	3	2"							✓
97	✓				✓				✓		-	-	-	-	-							
98	✓				✓				✓		-	-	-	1	6 ^{hr}							✓
99	✓				✓				✓		-	-	-	-	-							
100	✓				✓				✓		-	-	-	1	1"							✓

20X50 SHEET-6

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition		Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.								
	High	Low	Very Noth- ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
101	✓				✓					✓	-	-	-	1	8 ^{hr}	-	✓					
102	✓				✓			✓			1	12 ^{hr}	12	2	1 ^{day}	-		✓				
103	✓				✓			✓			1	12 ^{hr}	12	1	1 ^{day}	-		✓				
104	✓				✓			✓			1	1 ^{day}	15	2	2 ^{days}	-		✓				
105	✓				✓			✓			1	10 ^{hr}	15	2	30 ^{hr}	-		✓				
106	✓				✓			✓			2	6 ^{hr}	20	3	3 ^{days}	1976		✓				
107	✓				✓			✓			1	2 ^{hr}	15	2	30 ^{hr}	-		✓				
108	✓				✓			✓			-	-	-	-	-	-						
109		✓			✓					✓	1	3 ^{hr}	4	2	1 ^{day}	1981		✓				
110		✓			✓					✓	1	6 ^{hr}	4	2	1 ^{day}	1983		✓				
111		✓			✓					✓	2	2 ^{days}	5	3	4 ^{days}	1984		✓				
112		✓			✓					✓	2	1 ^{day}	4	3	4 ^{days}	1983		✓				
A-9																						
113		✓			✓					✓	2	2 ^{days}	5	3	5 ^{days}	1985		✓				
114		✓			✓					✓	1	3 ^{days}	4	3	3 ^{days}	1984		✓				
115		✓			✓					✓	2	2 ^{days}	4	3	5 ^{days}	1984		✓				

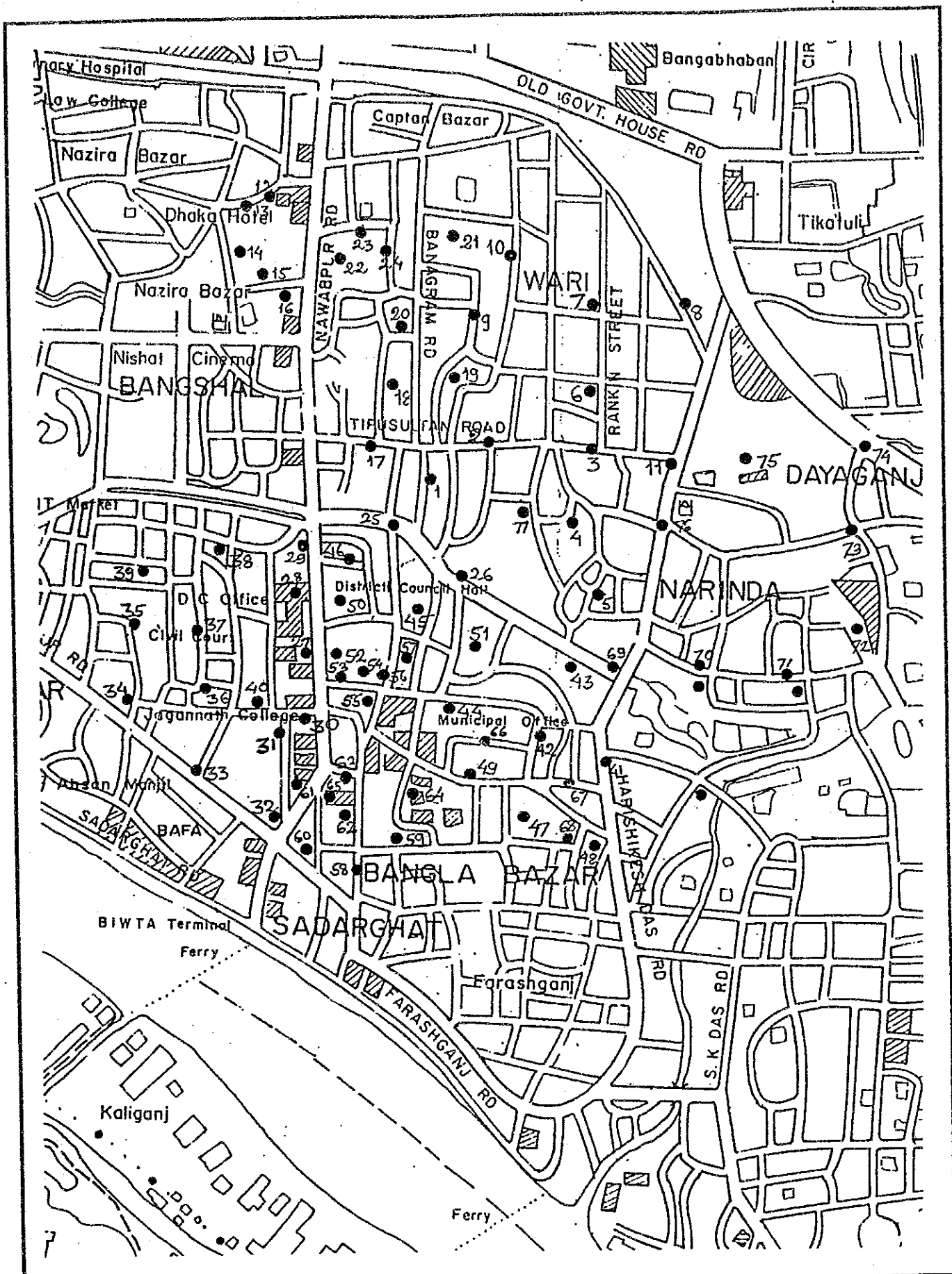


FIG.

Flood Survey Points in B Zone (2)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation			Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Noth-ing	Pitch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1		✓			✓				✓			1	1 hr	10	2	2 day	'84	✓					
2		✓			✓				✓			1	1 hr	12	2	2 "	'84	✓					
3		✓			✓				✓			1	30 min	10	2	1 "	'86	✓					
4		✓			✓				✓			1	1 hr	12	2	3 "	'86	✓					
5		✓			✓				✓			1	3/4 hr	10	2	4 "	'84	✓					
6		✓			✓				✓			1	2 "	12	2	2 "	'86	✓					
7		✓			✓				✓			1	2 "	10	2	1 "	'86	✓					
8		✓			✓				✓			1	1/2 "	8	1	2 "	'86	✓					
9		✓			✓				✓			1	2 "	15	2	5 "	'86	✓					
10		✓			✓				✓			1	1 "	10	2	3 "	'86	✓					
11		✓			✓				✓			1	1 "	8	2	4 "	'86	✓					✓
12		✓			✓				✓			2	4 hr	15	3	8 "	'86	✓					✓
13		✓			✓				✓			3	8 "	15	3	10 "	'86	✓					✓
14		✓			✓				✓			2	8 "	15	3	12 "	'86	✓					✓
15		✓			✓				✓			2	6 "	15	3	12 "	-	✓					✓
16		✓			✓				✓			1	2 "	3	1	2 "	'86	✓					✓
17		✓			✓				✓			1	2 "	4	1	2 "	-	✓					✓
18		✓			✓				✓			1	3 "	10	2	5 "	-	✓					✓
19		✓			✓				✓			2	5 "	15	3	1 day	'86	✓					✓
20		✓			✓				✓			2	4 "	10	3	6 hr	-	✓					✓
21		✓			✓				✓			1	3 "	15	2	6 "	-	✓					✓
22		✓			✓				✓			1	1 "	5	1	2 "	-	✓					✓

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
23	✓			✓	✓						✓	1	2 hr	6	2	3 hr	'86		✓				✓
24		✓		✓		✓					✓	1	3 "	7	2	5 "	'86		✓				✓
25		✓		✓					✓			1	14-15 hr	9	2	10-12 hr	74, 84	✓					
26		✓				✓					✓	1	10 "	14	2	1/2 mo	74, 80		✓				✓
27		✓				✓					✓	1	3 hr	5	1	12 hr	'80, '86						✓
28	✓					✓						-	-	-	-	-	-						
29	✓					✓					✓	1	3 "	4	2	-	'84, '86		✓				
30		✓				✓						1	6 "	7	3	24 "	'85, '86	✓					
31		✓				✓					✓	1	6 "	6	1	6 "	'80, '84,		✓				
32		✓				✓					✓	1	3 "	4	1	6 "	'80, '84,		✓				
33		✓				✓					✓	1	3 "	7	1	6 "	'84, '86	✓					
34		✓				✓					✓	1	4 "	5	1	9 "	'80, '82,	✓					
35		✓				✓					✓	1	5 "	12	2	12 "	'80, '82		✓				✓
36		✓				✓					✓	1	3 "	5	1	10 "	'80, '85,						✓
37	✓											-	-	-	-	-	-						
38						✓					✓	1	3 "	7	2	12 "	'80, '86	✓					✓
39		✓				✓					✓	1	4 "	6	1	6 "	'84, '86		✓				✓
40	✓					✓						-	-	-	-	-	-						

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 IN DHAKA CITY, BANGLADESH
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FIGURE No. _____

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged					Annual Average Flood or Waterlogged Condition		Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Noth- ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
41	✓				✓				✓			1	8 hr	10	2	1-day	'83						✓
42	✓				✓				✓			1	10	15	2	2"	'82						✓
43	✓				✓				✓			2	8	12	3	1"	'86			✓			✓
44	✓				✓				✓			1	10	8	2	1"	'80						✓
45	✓				✓				✓			1	15	18	2	1"	'82						✓
46	✓				✓				✓			1	10	12	2	1"	'84						✓
47	✓				✓				✓			2	8	15	3	2	'82, '86			✓			✓
48	✓				✓				✓			2	15	10	3	1	'86						✓
49	✓				✓				✓			2	10	12	3	1	'86			✓			✓
50	✓				✓				✓			1	2-3 hr	60 to 70	1	3-4 hr	1983			✓			
51	✓				✓				✓			1	1-2"	20-25	1	2-3"	'86			✓			
52	✓				✓				✓			1	3-4"	-	1	7-8"	'80			✓			
53	✓				✓				✓			1	2-3"	20-25	1	3-4"	'86			✓			
54	✓				✓				✓			3	10-12"	30-60	3	12-14"	'86			✓			
55	✓				✓				✓			1	1-2"	30-35	1	2-3"	'83			✓			
56	✓				✓				✓			1	2-3"	50-60	1	2-3"	'80			✓			
57	✓				✓				✓			1	1-2"	30-35	1	1-2"	'86						✓
58	✓				✓				✓			1	2.5 mph	5	1	3"	-			✓			✓
59	✓				✓				✓			1	3 hr	4	1	4"	-			✓			✓

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 IN DHAKA CITY, BANGLADESH
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FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition		Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
60	✓				✓							1											
61	✓				✓							1											
62		✓			✓		✓		✓		2	6 hr	10		3	10 hr		✓					
63		✓			✓		✓		✓		3	3"	7		3	4"		✓					✓
64	✓				✓					✓	1	8"	4		1	1 day		✓					✓
65		✓			✓				✓		3	6"	9		4	1 day		✓					✓
66	✓				✓					✓	1	1 day	6		1	1"							✓
67	✓				✓					✓	1	4 hr	6		1	1"							✓
68	✓				✓					✓	1	4"	6		1	6 hr		✓					✓
69		✓					✓				1	8-9 hr	10-12		2	10-12 hr							✓
70		✓					✓				1	10-12 hr	9		2	2-3"							✓
71	✓						✓				1	10"	5-7		2	3-4"							✓
72	✓						✓				1	8"	7		3	2"							✓
73	✓	✓					✓				2	10"	8		3	3"							✓
74		✓					✓				2	7"	10		3	4-5"							✓
75							✓				2	8-9"	10		3	12-14 hr							✓
76	✓										1	4-5"	5-6		2	3 day							✓
77							✓				2	9"	8		3	15 day							✓
78		✓								✓	2	12 hr	10		3	2 day							✓
79		✓								✓	1	10"	15		3	2"							✓

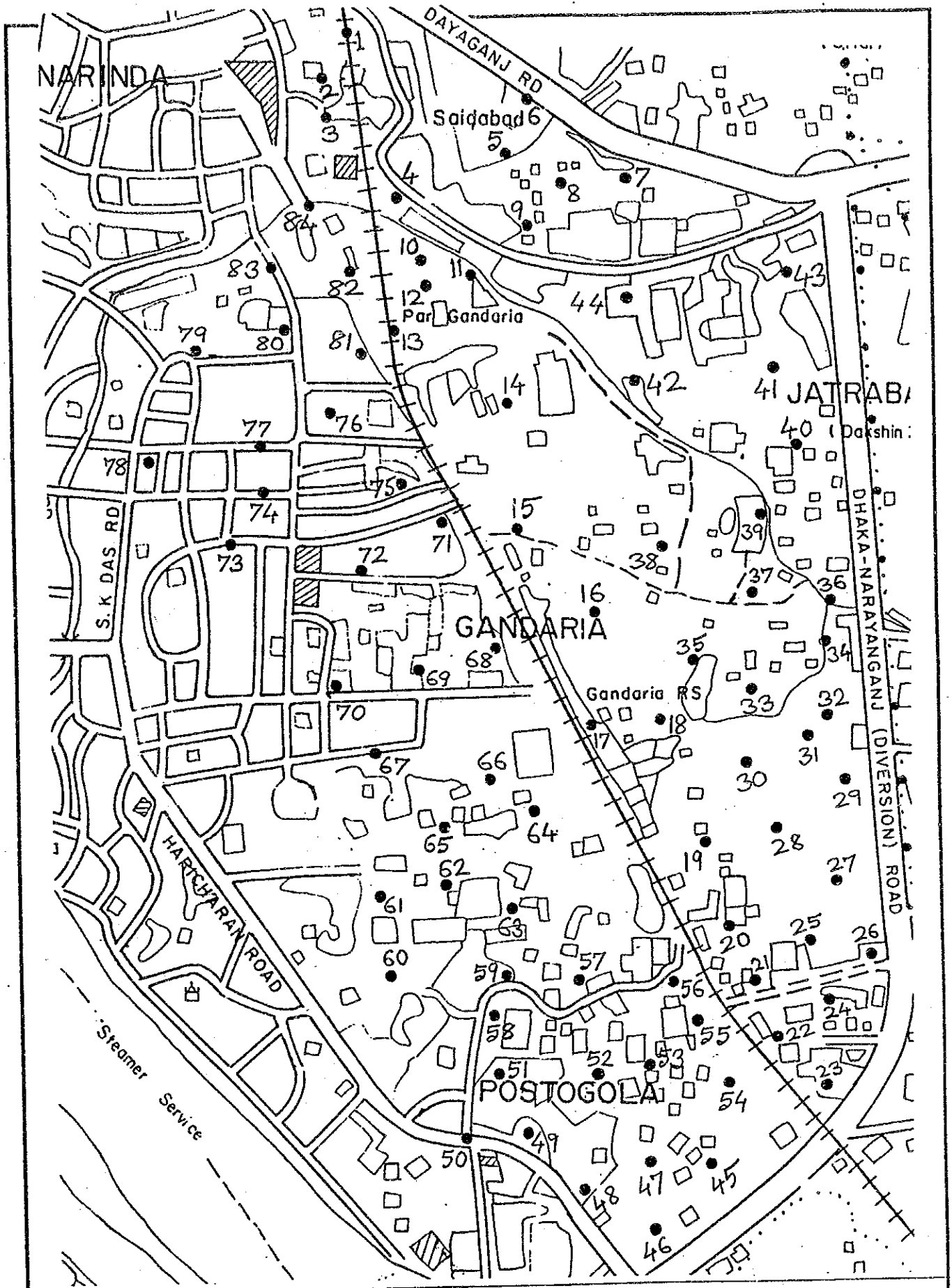


FIG.

Flood Survey Points in B Zone (3)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.						
	High	Low	Very Low	Noth-ing	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1	✓			✓	✓	✓					-	-	-	-	-	-						
2		✓		✓					✓		3	7 days	12	5	10 days	1976	✓					
3		✓		✓					✓		2	5 days	10	3	7 days	1986	✓					
4		✓		✓					✓		4	10 days	15	5	15 days	1978	✓					
5	✓				✓				✓		1	6 th	8	1	1 day	1986	✓					
6		✓			✓				✓		3	3 days	12	4	18 days	1986	✓					
7		✓			✓				✓		2	2 days	14	3	10 days	1984	✓					
8		✓			✓				✓		1	2 days	12	2	7 days	1986	✓					
9		✓			✓				✓		2	2 days	12	3	8 days	1986	✓					
10		✓			✓				✓		1	2 th	20	1	3 th	1986						✓
11		✓			✓				✓		2	14 th	25	2	15 th	1986						✓
12		✓			✓				✓		2	1 day	10	3	2 days	1984	✓					
13	✓			✓		✓					-	-	-	-	-	-						
14		✓		✓					✓		3	1 day	20	3	2 days	1976	✓					
15		✓			✓				✓		2	2 th	15	2	3 days	1986						✓
16		✓			✓				✓		3	2 days	45	3	3 days	1986	✓					
17	✓			✓		✓					-	-	-	-	-	-						
18	✓				✓				✓		1	1 st	8	1	10 th	1980						✓
19				✓	✓				✓		6	20 days	10	9	1 st week	1974						

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
IN DHAKA CITY, BANGLADESH
FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation			Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Notch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
20			✓	✓					✓		5	10 days	10	8	20 days	1974	✓					
21		✓		✓						✓	1	4 hr	4	2	6 hr	1986	✓					
22					✓					✓	1	2 hr	3	1	3 hr	1984		✓				
23	✓			✓		✓					-	-	-	-	-	-	-					
24	✓				✓					✓	1	3 hr	2	1	3 hr	1986						✓
25		✓							✓		2	8 hr	6	3	12 hr	1984	✓					
26		✓		✓					✓		2	5 hr	3	3	12 hr	1984	✓					
27			✓	✓					✓		5	15 days	10	8	1 Month	1974	✓					
28			✓	✓					✓		6	20 days	10	9	1 Month	1974	✓					
29		✓							✓		2	6 hr	5	3	12 hr	1984		✓				✓
30			✓	✓					✓		6	25 days	10	9	1 1/2 Month	1974	✓					
31		✓							✓		2	4 hr	4	3	8 hr	1984						✓
32	✓			✓					✓		1	1 hr	8	2	5 days	1986	✓					
33			✓	✓				✓			7	2 Month	1	9	3 Month	1974	✓					
34	✓			✓							1	1/4 hr	8	1	1/2 hr	1986	✓					
35			✓	✓				✓			7	2 Month	1	10	3 Month	1974	✓					
36	✓			✓					✓		1	1 hr	6	2	4 hr	1986	✓					
37		✓		✓					✓		6	3 Month	1	8	4 Month	1974	✓					
38		✓		✓				✓			7	3 Month	1	8	3 Month	1974	✓					
39		✓		✓				✓			6	2 Month	1	9	3 Month	1974	✓					
40		✓		✓				✓			5	2 Month	1	8	3 Month	1974	✓					
41		✓		✓				✓			5	3 Month	1	8	3 Month	1974	✓					
42		✓		✓				✓			5	2 Month	1	8	3 Month	1974	✓					
43		✓		✓				✓			6	2 Month	1	8	3 Month	1974	✓					

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Ditch/Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e
44	✓	✓	✓	✓			✓			6	2 ^{hrs}	1	8	3 ^{mins}	1974	✓				
45	✓		✓			✓				-	-	-	-	-	-					
46	✓		✓			✓				-	-	-	-	-	-					
47			✓				✓			2	4 ^{hrs}	2	3	10 ^{days}	1974	✓				
48	✓		✓			✓				-	-	-	-	-	-					
49			✓					✓		1	2 ^{hrs}	3	3	5 ^{days}	1974	✓				
50	✓		✓			✓				-	-	-	-	-	-					
51	✓		✓					✓		1	3 ^{hrs}	5	3	15 ^{days}	1974	✓				
52			✓				✓			2	20 ^{days}	1	4	30 ^{days}	1986	✓				
53			✓				✓			1	10 ^{days}	2	3	20 ^{days}	-	✓				
54	✓		✓				✓			1	2 ^{days}	2	2	7 ^{days}	-	✓				
55			✓				✓			2	7 ^{days}	2	4	30 ^{days}	1974	✓				
56	✓		✓				✓			1	10 ^{hrs}	6	5	3 ^{mins}	1974	✓				
57			✓				✓			1	3 ^{hrs}	7	5	2 ^{mins}	1974	✓				
58	✓			✓			✓			1	3 ^{hrs}	6	5	3 ^{days}	1968	✓				✓
59	✓			✓				✓		2	2 ^{days}	5	3	12 ^{days}	1974	✓				✓
60			✓				✓			2	2 ^{days}	7	3	20 ^{days}	1974	✓				
61	✓			✓			✓			2	2 ^{hrs}	6	3	15 ^{days}	1986	✓				✓
62	✓			✓				✓		1	1 ^{days}	5	3	7 ^{days}	1974	✓				✓
63	✓			✓				✓		1	2 ^{hrs}	7	3	7 ^{days}	1986	✓				✓
64	✓			✓				✓		1	7 ^{hrs}	20	1	8 ^{hrs}	1986	✓				✓

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Times	Duration	Depth (feet)	Duration	Date	a	b	c	d	e	
65			✓		✓				✓			4	3 ^{hr}	1	3	30 ^{days}	1974	✓					✓
66			✓		✓				✓			7	2 ^{hr}	1	3	7 ^{hr}	1974 1981	✓					✓
67	✓					✓				✓		5	1 ^{hr}	1	1	1 ^{hr}	1986		✓				
68		✓			✓				✓			20	7 ^{hr}	1	1	8 ^{hr}	1974		✓				✓
69	✓	✓				✓				✓		6	1 ^{hr}	1	1	1 ^{hr}	1986		✓				
70	✓	✓				✓				✓		5	1 ^{hr}	1	1	1 ^{hr}	1986		✓				
71		✓		✓					✓			40	1 ^{day}	2	2	2 ^{days}	1983	✓					
72	✓	✓				✓				✓		5	1 ^{hr}	1	1	2 ^{hr}	1986		✓				
73			✓		✓				✓			12	1 ^{day}	1	3	4 ^{days}	1986	✓	✓				
74		✓			✓				✓			10	1 ^{day}	1	2	2 ^{days}	1980	✓	✓				
75	✓	✓			✓				✓			8	6 ^{hr}	1	2	3 ^{days}	1986	✓	✓				
76	✓	✓			✓				✓			10	1 ^{day}	1	2	3 ^{days}	1986	✓	✓				
77	✓	✓			✓				✓			12	1 ^{day}	1	2	1 ^{day}	1986	✓	✓				
78	✓	✓			✓				✓			12	1 ^{day}	1	2	5 ^{days}	1986	✓	✓				
79	✓	✓			✓				✓			10	1 ^{day}	1	2	3 ^{days}	1986	✓	✓				
80	✓	✓			✓				✓			10	2 ^{hr}	1	2	7 ^{days}	1986	✓	✓				
81		✓			✓				✓			10	2 ^{hr}	2	2	6 ^{hr}	1974						✓
82	✓	✓			✓				✓			10	1 ^{day}	1	2	2 ^{days}	1984	✓					
83	✓	✓			✓				✓			8	1 ^{day}	1	2	2 ^{days}	1984	✓					
84		✓		✓					✓			10	5 ^{days}	3	5	12 ^{days}	1976	✓					

FLOOD SURVEY

(© ZONE)

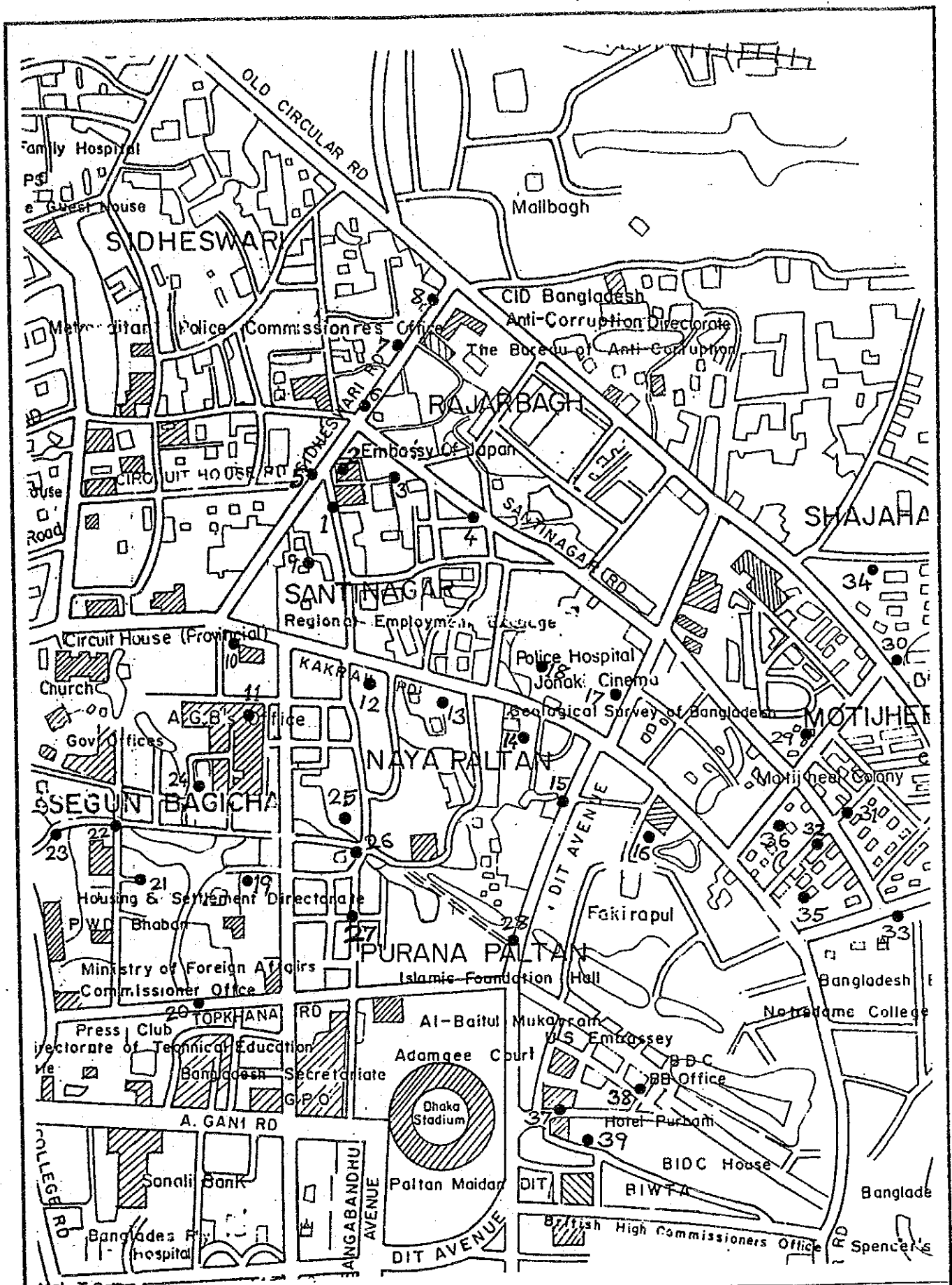


FIG.

Flood Survey Points in C Zone (1)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.						
	High	Low	Very Low	Nothing	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1		✓			✓					2	24 ^{hr}	12	3	2 ^{Days}	1982						
2		✓			✓					3	8 ^{hr}	5	3	1 ^{Day}	1986						
3		✓		✓	✓					3	24 ^{hr}	20	4	3 ^{Days}	1988						
4		✓		✓	✓					3	10 ^{hr}	10	4	24 ^{hr}	1986						
5	✓				✓					2	8 ^{hr}	5	3	24 ^{hr}	1986						
6	✓				✓					2	10 ^{hr}	6	3	12 ^{hr}	1986						
7	✓				✓				✓	1	5 ^{hr}	4	2	10 ^{hr}	1983						
8		✓			✓				✓	2	12 ^{hr}	10	3	1 ^{Day}	1986						
9		✓			✓					3	8 ^{hr}	20	3	1 ^{Day}		✓					
10		✓			✓				✓	2	8 ^{hr}	7	3	12 ^{hr}		✓					
11		✓			✓					2	4 ^{hr}	8	3	12 ^{hr}		✓					
12		✓			✓				✓	2	6 ^{hr}	6	3	8 ^{hr}		✓					
13		✓			✓				✓	2	6 ^{hr}	8	3	12 ^{hr}		✓					
14		✓			✓				✓	2	4 ^{hr}	8	3	6 ^{hr}		✓					
15		✓			✓				✓	2	3 ^{hr}	6	3	8 ^{hr}		✓					
16	✓				✓				✓	1	2 ^{hr}	5	2	4 ^{hr}		✓					
17	✓				✓				✓	1	4 ^{hr}	5	2	6 ^{hr}	-	✓					
18		✓			✓				✓	1	4 ^{hr}	8	2	5 ^{hr}	-	✓					

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
19	✓				✓					✓		2	24 ^{hr}	5	3	24 ^{hr}	1986	✓					
20	✓					✓				✓		1	4 ^{hr}	3	2	24 ^{hr}	1986		✓				
21			✓		✓					✓		2	24 ^{hr}	5	3	2 ^{days}	1986	✓					
22			✓							✓		1	24 ^{hr}	5	2	12 ^{hr}	1986	✓					
23	✓					✓	✓					-	-	-	-	-	-						
24			✓				✓			✓		2	12 ^{hr}	5	3	3 ^{days}	1986	✓					
25			✓			✓				✓		1	3 ^{hr}	5	2	24 ^{hr}	1986		✓				
26			✓			✓				✓		1	24 ^{hr}	4	2	2 ^{days}	1986	✓	✓				
27			✓			✓				✓		1	24 ^{hr}	4	2	3 ^{days}	1986	✓	✓				
28			✓			✓				✓		1	12 ^{hr}	5	2	24 ^{hr}	1986	✓	✓				
29	✓					✓				✓		1	6 ^{hr}	5	2	12 ^{hr}	1983 1986						✓
30	✓					✓				✓		1	6 ^{hr}	4	2	12 ^{hr}	1983						✓
31			✓							✓		2	6 ^{hr}	12	3	12 ^{hr}	1983						✓
32			✓							✓		2	12 ^{hr}	6	3	1 ^{day}	1983						✓
33			✓							✓		2	12 ^{hr}	5	3	24 ^{hr}	1983						✓
34	✓					✓				✓		1	6 ^{hr}	4	2	12 ^{hr}	1983						✓
35			✓							✓		2	5 ^{hr}	6	2	6 ^{days}	-		✓				✓
36			✓							✓		2	5 ^{hr}	6	2	6 ^{days}	-		✓				✓

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
IN DHAKA CITY, BANGLADESH
FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.						
	High	Low	Very Low	Nothing	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
37	✓				✓					✓	1	12 ^{hr}	4	2	20 ^{hr}	1986		✓				
38	✓				✓					✓	1	15 ^{hr}	5	2	20 ^{hr}	-		✓				
39	✓				✓					✓	1	5 ^{hr}	5	1	8 ^{hr}	-		✓				

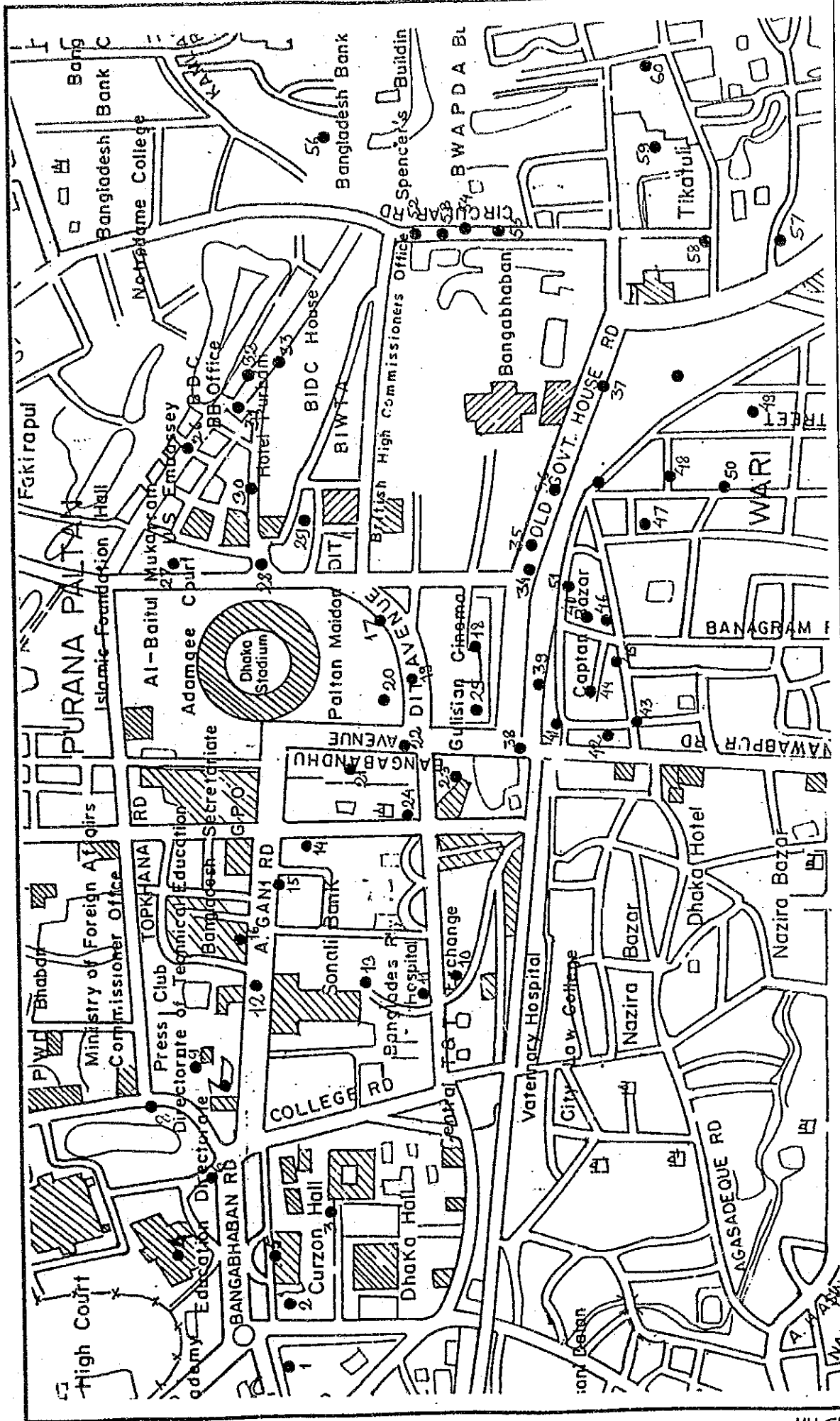


FIG. Flood Survey Points in C Zone (2)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLES REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1	✓				✓						✓	1	6 hr	2	2	1 day	'83	✓					✓
2	✓				✓						✓	1	6"	2	2	1"	'81	✓					✓
3	✓				✓						✓	1	6"	1-2	2	1"	'64	✓					✓
4	✓			✓							✓	1	6"	2	1	1"		✓					
5		✓			✓						✓	1	6"	1-2	2	1"	'76	✓					✓
6	✓			✓							✓	1	2"	1-2	1	12 hr	'86	✓					
7	✓			✓							✓	1	2"	2-3	1	12"	'83	✓					
8		✓				✓					✓	1	12"	3	1	1 day	'78						✓
9		✓		✓							✓	1	6"	3-4	2	1"	'83	✓					✓
10		✓				✓						2	1 day	3-4	3	3"	'86	✓					✓
11		✓				✓						2	1"	3-4	3	3"	'85	✓					✓
12	✓										✓	1	1-2 hr	1-2	1	6 hr	'86						✓
13	✓			✓							✓	1	2-3"	1-2	1	6-12"	'84	✓					✓
14	✓					✓						1	1-2"	15-20	1	1-2"							✓
15	✓					✓						3	7-8"	60-70	3	8-10							✓
16	✓					✓						1	1-2"	30-35	1	1-2							✓

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Nothing	Pitch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e		
17	✓				✓				✓			3	4-5 hr	30-32	3	4-5 hr								
18	✓			✓					✓			1	4-5"	30-35	1	7-8"								
19	✓				✓				✓			2		20-25	2	3-4"								
20	✓				✓		✓					-	-	-	-	-								
21	✓				✓		✓					-	-	-	-	-								
22	✓				✓		✓					-	-	-	-	-								
23	✓				✓		✓					-	-	-	-	-								
24	✓					✓			✓		1	2-3 hr	30-35	1	2-3 hr			✓						
25	✓									✓	1	5"	8	1	5"			✓						✓
26	✓									✓	2	3 day	6-7	2	4-5 day			✓						
27	✓								✓		2	3"	15	2	4-5"			✓						
28	✓									✓	2	4 hr	3	2	1"			✓						
29	✓									✓	1	2"	2	1	3 hr			✓						
30	✓									✓	2	5"	10	3	5 day	'86		✓						
31	✓									✓	1	3"	4	1	5 hr			✓						
32	✓									✓	1	4"	4	1	5"			✓						
33	✓									✓	1	4"	4-5	1	4"			✓						

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Both	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
34	✓			✓	✓					2	6 hr	10	4	12 hr	-	✓					
35	✓			✓	✓					2	5"	10	2	1 day		✓					
36	✓			✓	✓					-	-	-	-	-							
37	✓			✓	✓					1	1	6	1	1 hr		✓					
38	✓			✓	✓					-	-	-	-	-							
39	✓			✓	✓					2	4 hr	4	2	4 hr		✓					
40	✓			✓	✓					2	2 day	12	3	3 day		✓					
41	✓			✓	✓					1	6 hr	6	2	9 hr		✓					
42	✓			✓	✓					1	6"	10	3	10"		✓					
43	✓			✓	✓					1	10"	12	3	2 day		✓					
44	✓			✓	✓					1	5"	7	2	8 hr		✓					
45	✓			✓	✓					2	3"	10	3	12"		✓					
46	✓			✓	✓					2	3"	12	3	12"		✓					
47	✓			✓	✓					1	1/2"	6	1	2"		✓					
48	✓			✓	✓					1	1/3"	6	1	1"		✓					
49	✓			✓	✓					1	1/2"	7	1	1"		✓					
50	✓			✓	✓					1	1/4"	6	1	1"		✓					
51	✓			✓	✓					1	1"	10	1	1"		✓					

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Noting	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
52	✓				✓					✓		1	4-12	5	1	12 hr			✓				
53	✓				✓					✓		1	4-5"	5-7	2	2 days			✓				
54	✓				✓					✓		1	6"	6-7	2	12 hr			✓				
55	✓				✓					✓		1	5"	5	2	10"			✓				✓
56	✓			✓			✓					-	-	-	-	-							
57	✓				✓					✓		2	2 hr	7	3	3 hr			✓				✓
58	✓				✓					✓		2	2"	8	2	2"							✓
59	✓				✓					✓		2	2"	12	2	2"			✓				✓
60		✓			✓					✓		2	2"	8	3	6"			✓				✓

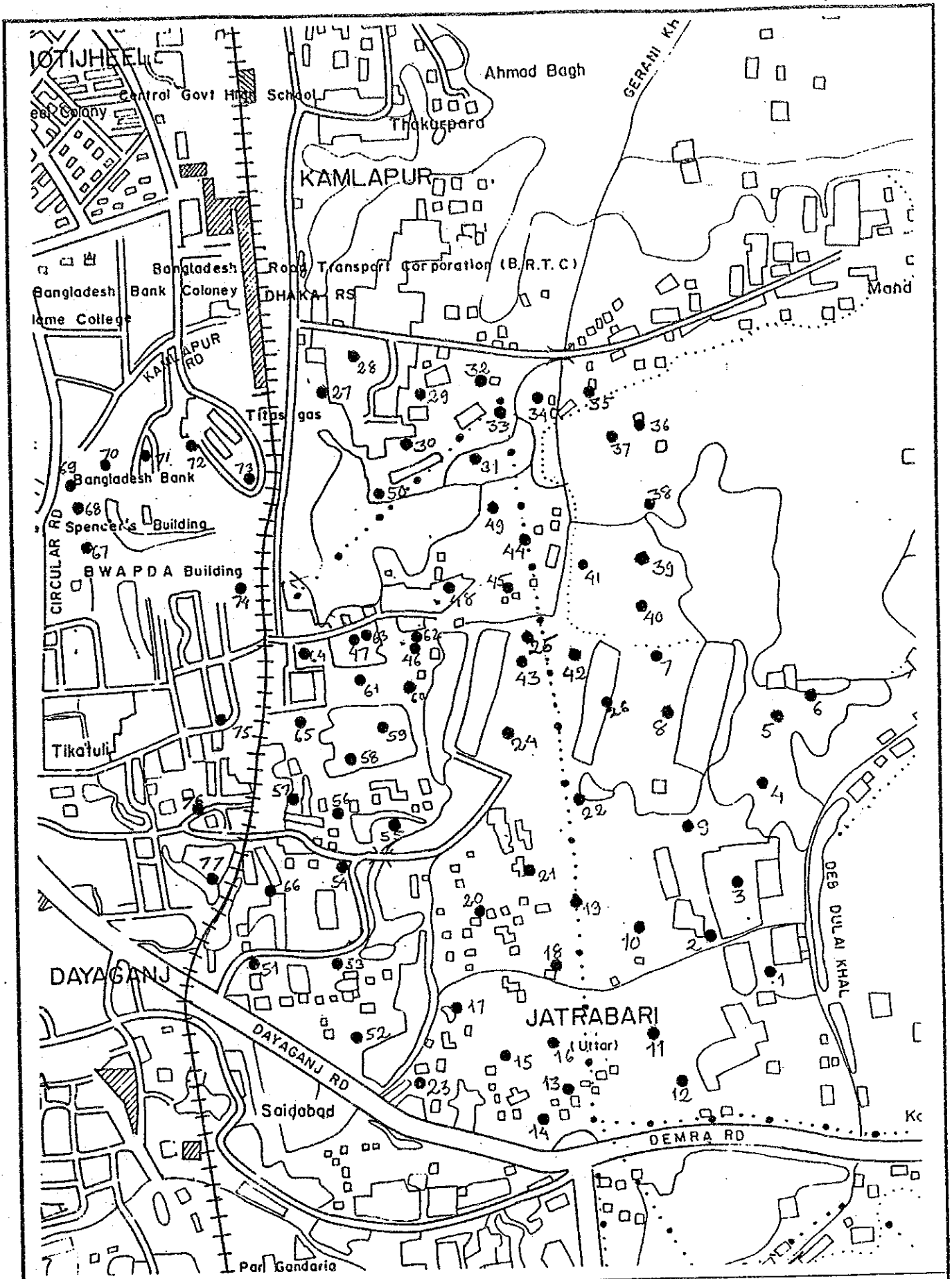


FIG.

Flood Survey Points in C Zone (3)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.								
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1			✓				✓					3	3 days	10-12	5	12 days	'74	✓					
2			✓				✓					3	3 "	14-15	5	20 "	'74	✓					
3	✓			✓			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			✓				✓					3	3 "	10-15	10	25 "	'74	✓					
5			✓				✓					3	3 "	15-16	11	25 "	'74	✓					
6			✓				✓					4	3 1/2 "	15-18	12	25 "	'74	✓					
7			✓				✓					2	2 1/2 "	10-15	5	10 "	'74	✓					
8			✓				✓					2	2 "	10-15	4	8 "	'74	✓					
9			✓				✓					2	2 "	8-10	4	10 "	'74	✓					
10		✓					✓					1	6 hrs	2-3	10	10 "	'74	✓					
11			✓				✓					3	3 days	10-12	10	12 "	'74	✓					
12	✓			✓			✓					1	1-2 hrs	1	6	10 "	'74	✓					
13			✓				✓					3	10 days	8-10	10	20 days	'74	✓					
14			✓				✓					3	4 "	5-6	6	12 "	'74	✓					
15	✓			✓			✓					1	2 hrs	3-4	1	8 hrs	'82	✓					
16			✓				✓					3	6 days	8-10	7	10 days	'74	✓					
17		✓		✓			✓					2	2 "	6-7	3	5 "	'83	✓					
18	✓			✓			✓					1	2 hrs	5-6	1	4 hrs	'83	✓					
19			✓				✓					3	5 days	8-10	6	25 days	'74	✓					
20	✓			✓			✓					1	3 hrs	2-3	1	6 hrs	'85	✓					
21			✓				✓					3	8 days	7-8	8	15 days	'74	✓					
22			✓				✓					3	5 "	8-10	2	8 "	'85	✓					

278 5-8-15 10/2/74

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE NO.

Point No.	Land Elevation			Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
23	✓				✓					✓	1	12 hr	2-3	2	16 hr	'83		✓				
24			✓	✓			✓				3	6 days	8-10	6	18 days	'74	✓					
25			✓	✓			✓				4	8 "	8-9	7	25 "	'74	✓					
26		✓		✓				✓			2	2 "	6-7	3	6 "	'86	✓					
27		✓		✓				✓			1	12 hr	6-7	2	10 days	1983	✓					
28			✓	✓			✓				3	8 days	3-4	6	25 "	'74	✓					
29		✓		✓					✓		2	6 hr	7-8	3	2 "	'82	✓					
30	✓				✓				✓		1	2 "	5-6	1	6 hr	'86	✓					
31		✓		✓					✓		2	2 days	8-9	4	6 days	'84	✓					
32			✓	✓					✓		3	7 "	6-7	5	12 "	'82	✓					
33		✓		✓					✓		1	12 hr	6-7	2	2 "	'86	✓					
34			✓						✓		1	1 day	5-6	4	5 "	'85	✓					
35			✓	✓					✓		3	6 "	5-6	5	12 "	'82	✓					
36			✓	✓					✓		2	8 "	6-7	7	28 "	'74	✓					
37		✓		✓					✓		1	5 hr	6-7	2	12 hr	'83	✓					
38			✓	✓					✓		4	6 days	6-7	6	10 days	'74	✓					
39		✓		✓					✓		3	1 day	15-16	6	15 "	'74	✓					
40			✓	✓					✓		3	4 "	15-18	6	16 "	'74	✓					
41			✓	✓					✓		2	1 "	10-12	5	10 "	'74	✓					
42			✓	✓					✓		2	1 "	10-12	5	10 "	'74	✓					
43			✓	✓					✓		2	15-20 hr	8-10	4	8 "	'74	✓					
44			✓	✓					✓		2	14-15 "	7-8	4	7 "	'74	✓					
45		✓		✓					✓		1	6 hr	1-2	5	8 "	'74	✓					
46		✓							✓		1	2-3 hr	1-2	1	3 "	'86	✓					

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation			Drainage System			How Flooded or Waterlogged					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Noting	Pitch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
47	✓				✓						✓	4	2-3 hr	2-3	1 1/2	2 day	'86	✓					
48	✓				✓					✓	3	6"	2-3	2-3	1 1/2	2"	'84	✓					
49			✓	✓				✓			2	20"	7-8	7-8	4	3"	'74	✓					
50			✓	✓				✓			3	1 day	10-12	10-12	5	7"	'74	✓					
51	✓			✓							-	-	-	-	-	-	-						
52		✓		✓					✓		-	-	-	-	1	14 day	1974						
53	✓			✓							-	-	-	-	-	-	-						
54	✓			✓							-	-	-	-	-	-	-						
55	✓			✓							-	-	-	-	-	-	-						
56	✓			✓							-	-	-	-	-	-	-						
57	✓			✓							-	-	-	-	1	7"	EMERG SUMP	✓					
58	✓			✓							-	-	-	-	1	4"	1986	✓					
59	✓			✓							-	-	-	-	1	2"	1982	✓					
60	✓			✓							-	-	-	-	1	10"	1974	✓					
61	✓			✓							-	-	-	-	-	-	-						
62		✓		✓					✓		1	2 day	10	2	30 day	1974							
63	✓			✓							-	-	-	-	-	-	-						
64	✓			✓							-	-	-	-	-	-	-						
65	✓			✓							-	-	-	-	1	2"	1983	✓					
66	✓			✓							-	-	-	-	-	-	-						

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e			
67	✓					✓																			
68	✓					✓																			
69	✓			✓																					
70	✓			✓																					
71	✓			✓							✓	1	4m	3-4	1	8	'80	✓							
72	✓			✓							✓	1	6-7"	5-6	1	9-10	'80-'84								
73	✓			✓							✓	1	3-4"	6	1	5-7m	'80	✓							
74	✓			✓							✓	1	3"	4	1	10"		✓							
75	✓			✓							✓	1	6"	5-7	1	10-12"	'80	✓							
76	✓			✓							✓	1	6"	8	1	9"	'84-'86	✓							
77		✓		✓							✓	2	9"	7	2	10-12"	'80	✓							

FLOOD SURVEY

(D ZONE)

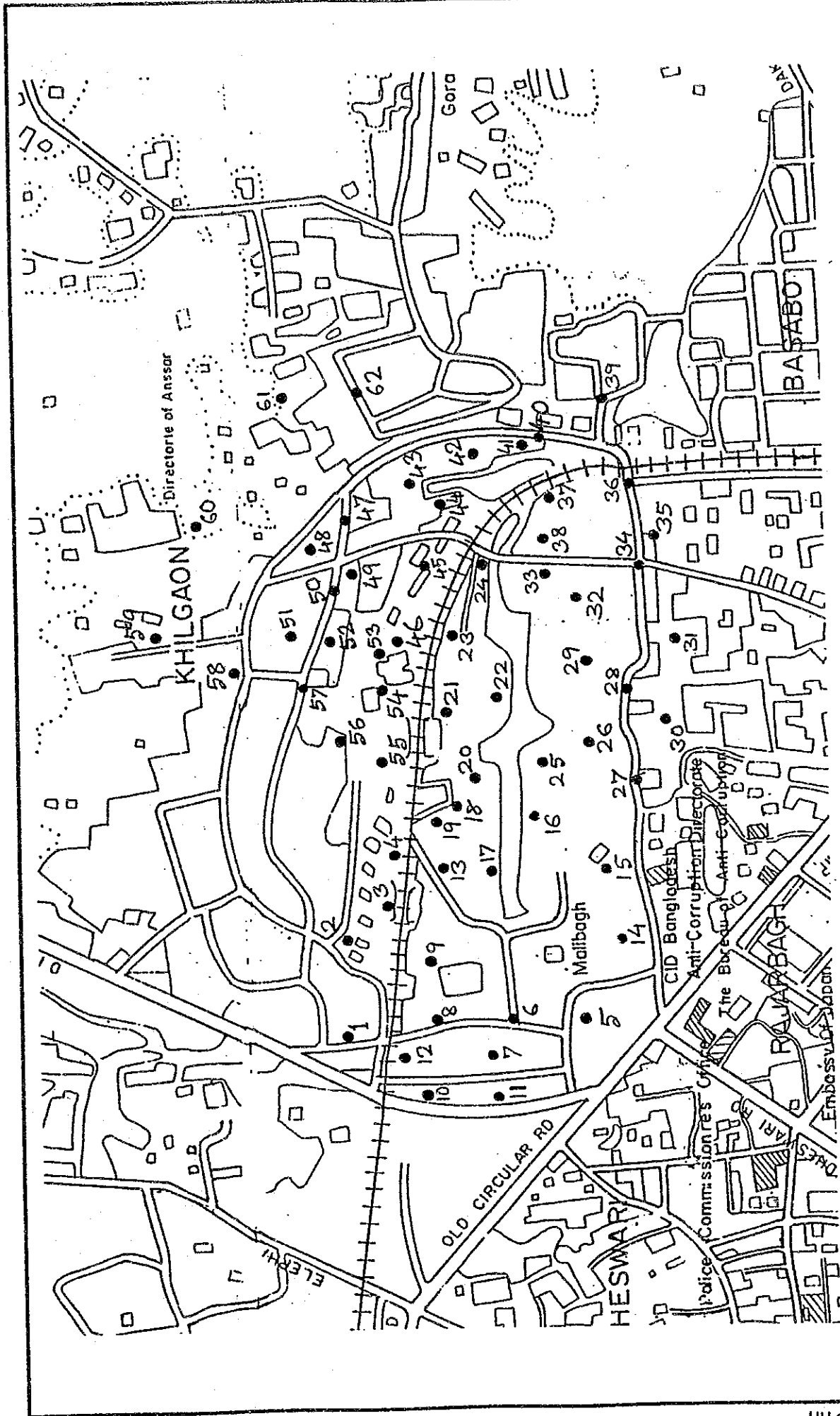


FIG. Flood Survey Points in D Zone (I)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLES REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition		Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1	✓				✓					✓		2	10 ^{hr}	15	3	1 ^{day}	1982		✓				
2	✓				✓					✓		2	12 ^{hr}	20	3	1 ^{day}	1986				✓		
3	✓				✓					✓		1	8 ^{hr}	10	2	20 ^{hr}	1986			✓		✓	
4	✓				✓					✓		1	10 ^{hr}	15	2	1 ^{day}	1974				✓		✓
5	✓					✓						1	6 ^{hr}	10	2	1 ^{day}	1978			✓		✓	
6	✓				✓					✓		1	8 ^{hr}	12	2	20 ^{hr}	1974			✓			✓
7	✓				✓					✓		2	10 ^{hr}	15	3	1 ^{day}	1974					✓	
8	✓				✓							1	12 ^{hr}	10	2	1 ^{day}	1982		✓			✓	
9	✓				✓					✓		1	6 ^{hr}	10	2	20 ^{hr}	1974		✓			✓	
10	✓					✓						1	5 ^{hr}	8	1	20 ^{hr}	1974				✓		✓
11	✓				✓					✓		1	10 ^{hr}	15	2	24 ^{hr}	1974			✓		✓	
12	✓				✓					✓		2	15 ^{hr}	20	3	2 ^{day}	1974					✓	✓
13	✓				✓							1	12 ^{hr}	10	2	1 ^{day}	1982		✓				
14	✓				✓							2	10 ^{hr}	15	3	1 ^{day}	1974			✓		✓	
15	✓				✓					✓		1	12 ^{hr}	10	2	2 ^{day}	1974				✓		✓
16	✓				✓					✓		2	10 ^{hr}	10	3	1 ^{day}	1986				✓		✓
17	✓				✓					✓		1	12 ^{hr}	15	2	1 ^{day}	1982				✓		✓
18	✓				✓					✓		2	10 ^{hr}	15	3	1 ^{day}	1983					✓	✓

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System	How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.						
	High	Low		Very Low	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e
19	✓		✓					✓	1	5 hr	7	1	16 hr	1984						
20			✓					✓	4	1 Month	12	5	2 Month	1984	✓					
21	✓		✓					✓	1	8 hr	10	1	1 day	1984	✓					
22			✓				✓		4	20 days	12	5	25 days	1984	✓					
23	✓		✓					✓	1	6 hr	6	2	12 hr	1984	✓					
24	✓		✓					✓	1	6 hr	9	1	3 days	1980	✓					
25	✓		✓					✓	1	7 hr	9	1	2 days	1984	✓					
26		✓		✓				✓	1	6 hr	6	2	8 hr	1986		✓				✓
27	✓			✓					-	-	-	-	-	-						
28	✓			✓					-	-	-	-	-	-						
29		✓		✓				✓	1	6 hr	5	2	8 hr	1984		✓				✓
30		✓		✓			✓		2	1 day	10	3	1 day	1986		✓				✓
31	✓			✓				✓	1	3 hr	4	1	4 hr	1986						✓
32		✓		✓				✓	2	12 hr	8	3	1 day	1984						✓
33	✓			✓				✓	1	3 hr	10	2	6 hr	-						✓
34	✓			✓					-	-	-	-	-	-						
35	✓			✓					-	-	-	-	-	-						
36	✓			✓					-	-	-	-	-	-						
37	✓			✓				✓	1	5 hr	7	2	-	1974						✓
38	✓		✓					✓	1	5 hr	7	1	2 days	-						✓

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System			How Flooded or Waterlogged					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged							
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
39	✓		✓						✓			-	-	-	1	7 days	1974	✓					
40	✓		✓						✓			-	-	-	1	5 days	1974	✓					
41	✓		✓		✓					✓		1	4 hr	8	2	5 hr	1986						✓
42	✓		✓		✓							1	2 days	3	2	15 days	1974	✓					
43	✓		✓		✓					✓		1	3 days	3	2	12 days	1974	✓					
44	✓		✓		✓						✓	1	3 hr	6	2	6 hr	1986						✓
45	✓		✓		✓					✓		1	1 hr	3	1	1 hr	1986	✓					
46	✓		✓		✓						✓	2	3 days	5	3	3 days	1984						✓
47	✓		✓		✓							-	-	-	1	7 days	1974	✓					
48	✓		✓		✓					✓		1	5 days	15	2	17 days	1974	✓					
49	✓		✓		✓					✓		1	3 hr	4	1	5 hr	1984						
50	✓		✓		✓					✓		-	-	-	2	30 days	1974	✓					
51	✓		✓		✓					✓		2	8 days	10	3	35 days	1974	✓					
52	✓		✓		✓					✓		1	3 hr	3	1	4 hr	1986	✓					
53	✓		✓		✓					✓		2	2 days	16	3	40 days	1974	✓					
54	✓		✓		✓					✓		2	2 days	5	3	3 days	1986	✓					
55	✓		✓		✓					✓		1	1 day	20	3	40 days	1974	✓					
56	✓		✓		✓					✓		1	1 day	8	2	2 days	1984	✓					
57	✓		✓		✓					✓		1	7 days	15	2	30 days	1974	✓					
58	✓		✓		✓					✓		-	-	-	1	30 days	1974						✓
59	✓		✓		✓					✓		-	-	-	1	20 days	1974	✓					
60	✓		✓		✓					✓		-	-	-	1	15 days	1974						

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No. _____

Point No.	Land Elevation			Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.						
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
61	✓			✓											1	15 ^{hr}	1974						
62	✓			✓											1	25 ^{hr}	1974						

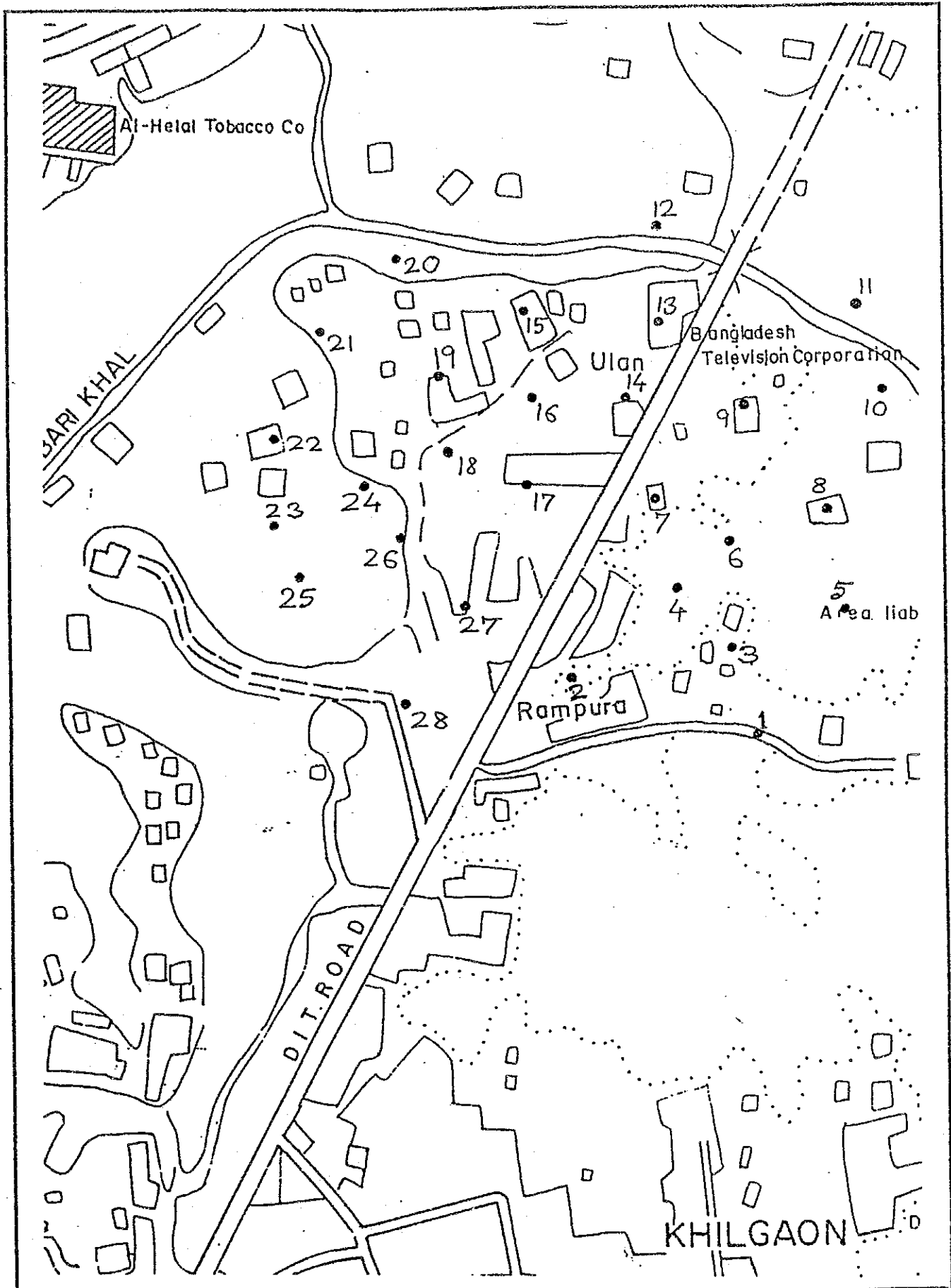


FIG.

Flood Survey Points in D Zone (2)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition		Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1		✓		✓					✓			1	8 ^{hr}	10	2	1 ^{day}	1984	✓					
2	✓				✓					✓		1	1 ^{hr}	6	1	1 ^{hr}	1986	✓					
3		✓		✓					✓			2	18 ^{hr}	12	4	2 ^{days}	1976	✓					
4	✓			✓					✓			1	10 ^{hr}	10	3	1 ^{day}	1986	✓					
5		✓		✓					✓			2	12 ^{hr}	12	3	1 ^{day}	1986	✓					
6	✓			✓					✓			2	12 ^{hr}	10	3	1 ^{day}	1986	✓					
7	✓				✓					✓		1	3 ^{hr}	5	1	1 ^{hr}	1986	✓					
8		✓				✓				✓		1	2 ^{hr}	10	1	2 ^{hr}	1986				✓		
9		✓		✓					✓			1	1 ^{hr}	8	1	1 ^{hr}	1986	✓					
10		✓		✓					✓			2	6 ^{hr}	12	5	4 ^{days}	1986	✓					
11			✓	✓						✓		10	2 ^{months}	1	12	3 ^{months}	1976	✓					
12			✓	✓						✓		10	2 ^{months}	1	12	3 ^{months}	1976	✓					
13	✓				✓																		
14		✓		✓					✓			1	2 ^{hr}	8	2	1 ^{hr}	1984	✓					
15		✓		✓					✓			1	3 ^{hr}	8	2	4 ^{hr}	1986	✓					
16		✓		✓					✓			1	2 ^{hr}	10	2	1 ^{hr}	1986	✓					
17		✓		✓					✓			1	8 ^{hr}	8	2	18 ^{hr}	1986	✓					
18		✓		✓					✓			1	2 ^{hr}	6	2	2 ^{days}	1984	✓					
19		✓		✓					✓			1	2 ^{hr}	8	2	6 ^{hr}	1986	✓					

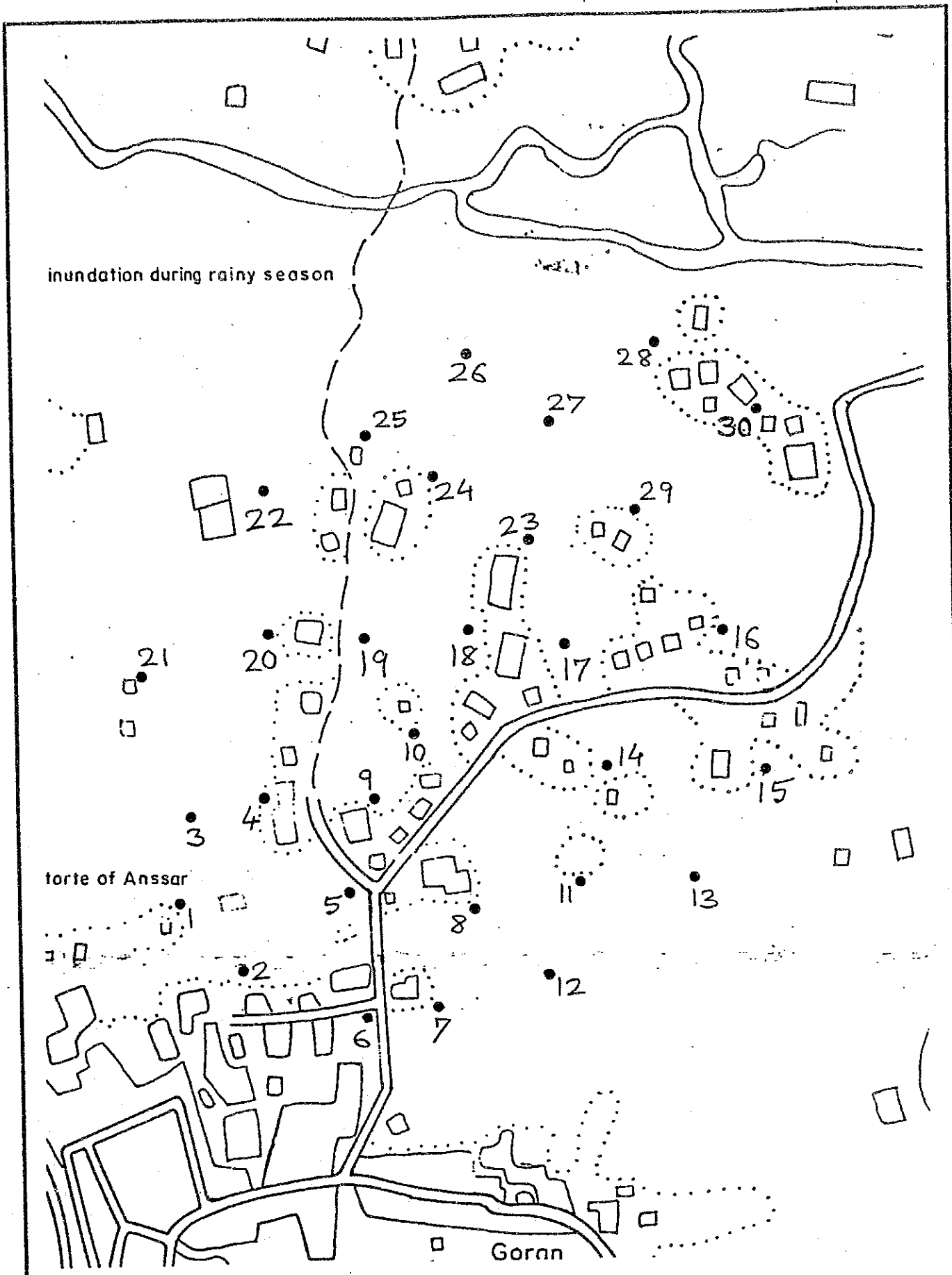


FIG.

Flood Survey Points in D Zone (3)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	North-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1			✓				✓				3	3 Days	20	8	25 Days	1974	✓						
2			✓	✓			✓				2	1 Day	20	4	10 Days	1974	✓						
3		✓		✓					✓		1	12 Days	10	3	3 Days	1984	✓						
4			✓	✓			✓				3	2 Days	25	10	20 Days	1974	✓						
5			✓	✓			✓				1	1 Day	12	3	7 Days	1982	✓						
6		✓				✓				✓	1	12 Days	7	1	3 Days	1986	✓						
7			✓	✓			✓				2	1 Day	25	4	10 Days	1986	✓						
8			✓	✓			✓				2	1 1/2 Days	20	5	15 Days	1984	✓						
9			✓	✓			✓				2	2 Days	20	8	15 Days	1974	✓						
10			✓	✓			✓				1	1 Day	8	4	12 Days	1974	✓						
11			✓	✓			✓				4	2 Days	12	12	22 Days	1974	✓						
12			✓	✓			✓			✓	1	12 Days	4	2	2 Days	1986	✓						
13		✓		✓						✓	1	12 Days	4	2	3 Days	1982	✓						
14			✓	✓			✓				3	1 1/2 Days	15	7	20 Days	1980	✓						
15			✓	✓			✓				3	2 Days	20	8	12 Days	1974	✓						
16			✓	✓			✓			✓	3	6 Days	6	4	6 Days	1983	✓						
17		✓		✓			✓				3	6 Days	6	5	12 Days	1974	✓						
18			✓	✓			✓				3	6 Days	6	4	6 Days	1983	✓						
19			✓	✓			✓				4	10 Days	8	8	20 Days	1974	✓						
20			✓	✓			✓				4	16 Days	10	7	23 Days	1974	✓						
21		✓		✓			✓				3	5 Days	6	4	8 Days	1986	✓						
22			✓	✓			✓				3	10 Days	8	6	15 Days	1982	✓						

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation			Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.					
	High	Low	Very Low	Noting	Ditch/Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
23	✓		✓				✓				3	9 days	6	5	8 days	1974	✓					
24		✓	✓				✓				4	8 days	9	5	12 days	1974	✓					
25		✓	✓				✓				5	12 days	9	8	20 days	1974	✓					
26		✓	✓				✓				4	3 days	6	4	8 days	1986	✓					
27	✓		✓						✓		3	6 days	7	4	8 days	1982	✓					
28			✓		✓		✓				3	8 days	6	4	8 days	1981	✓					
29			✓		✓		✓				4	8 days	9	5	12 days	1982	✓					
30		✓	✓		✓		✓				3	6 days	8	4	8 days	1982	✓					

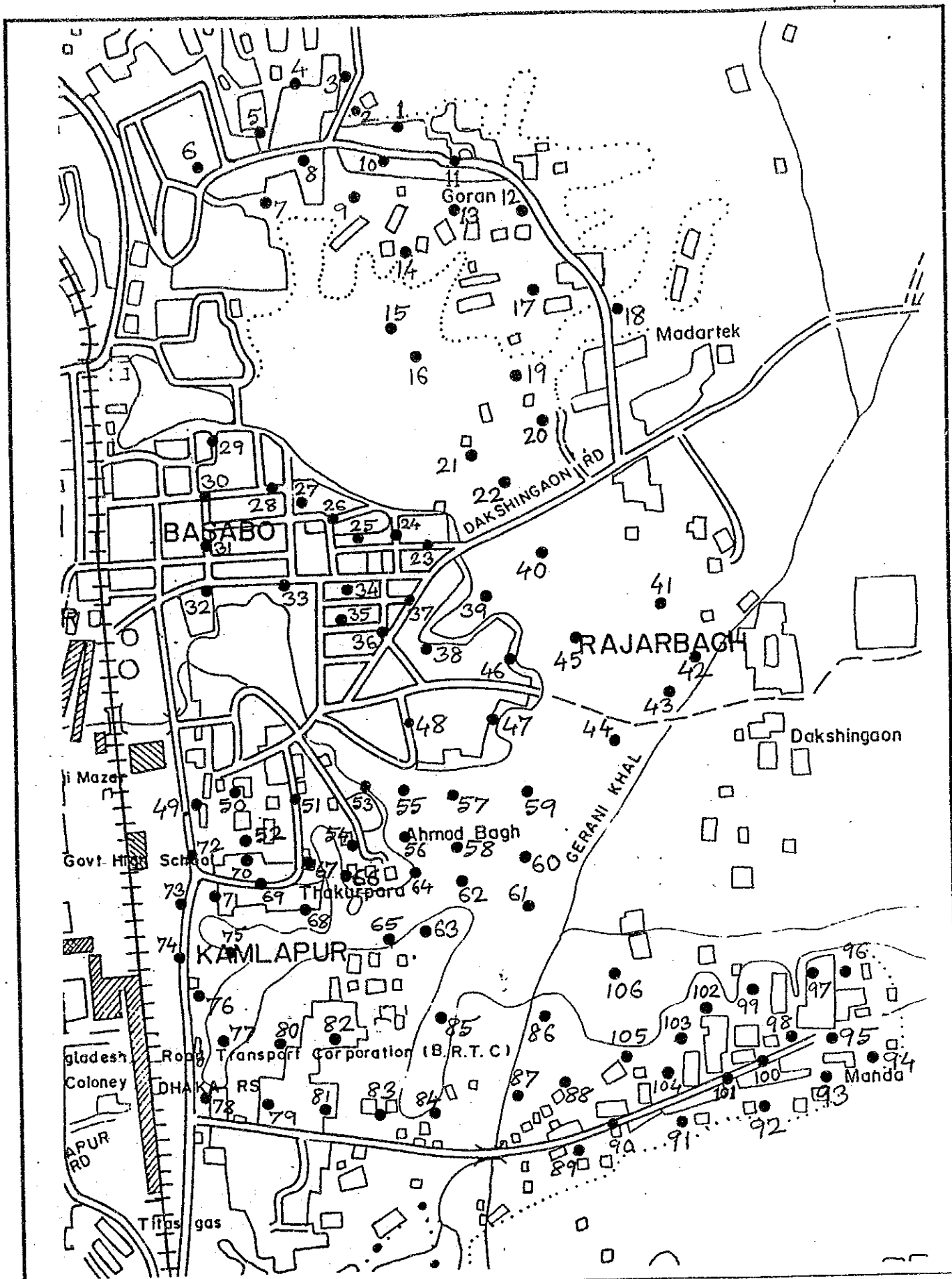


FIG.

Flood Survey Points in D Zone (4)

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY, THE PEOPLE'S REPUBLIC OF BANGLADESH

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.								
	High	Low	Very Low	Noth-ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
1	✓				✓					✓		1	3 ^{hr}	5	3	15 ^{days}	1974	✓					✓
2	✓					✓				✓		1	24 ^{hr}	6	2	1 ^{day}	1974						✓
3	✓			✓					✓			1	2 ^{hr}	10	3	3 ^{days}	1980	✓					
4	✓					✓				✓		1	1 ^{day}	6	2	2 ^{days}	-		✓				✓
5	✓					✓				✓		1	1 ^{hr}	4	1	12 ^{hr}	1986		✓				✓
6	✓					✓				✓		1	2 ^{days}	7	1	4 ^{days}	-	✓					
7	✓					✓				✓		1	1 ^{day}	5	2	2 ^{days}	1986						✓
8	✓					✓				✓		1	12 ^{hr}	3	1	18 ^{hr}	-		✓				✓
9	✓					✓				✓		1	12 ^{hr}	6	1	24 ^{hr}	1984						✓
10	✓					✓				✓		1	2 ^{hr}	4	3	5 ^{days}	1980	✓					✓
11	✓					✓				✓		1	2 ^{hr}	7	1	12 ^{hr}	1984	✓					✓
12	✓					✓				✓		1	3 ^{hr}	6	1	10	1980						✓
13	✓					✓				✓		1	10 ^{hr}	6	1	20 ^{hr}	1980						✓
14	✓									✓		1	10 ^{days}	7	2	15 ^{days}	-	✓					
15			✓							✓		2	1 ^{month}	1	3	2 ^{month}	1974	✓					
16	✓					✓				✓		1	2 ^{days}	6	2	5 ^{days}	-	✓					
17	✓									✓		1	3 ^{days}	4	2	15 ^{days}	1986	✓					✓
18	✓									✓		1	8 ^{hr}	5	1	24 ^{hr}	1986	✓					
19	✓									✓		1	3 ^{hr}	8	2	2 ^{days}	1986	✓					
20	✓									✓		1	2 ^{days}	5	2	7 ^{days}	-	✓					
21	✓									✓		1	1 ^{day}	3	2	3 ^{days}	1986	✓					
22	✓									✓		1	6 ^{hr}	7	3	7 ^{days}	1974	✓					

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition		Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.									
	High	Low	Very Low	Noth- ing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
23	✓		✓	✓				✓			1	2 days	4	2	6 days	1986	✓						
24	✓		✓	✓				✓			1	2 days	2	4	2 days	1974	✓						
25	✓		✓	✓				✓			1	3 days	4	4	18 days	-	✓						
26	✓		✓	✓				✓			1	2 hr	4	3	17 days	1954	✓						
27	✓		✓	✓				✓			1	2 hr	4	3	15 days	1974	✓						✓
28			✓	✓				✓			2	3 days	4	5	18 days	1974	✓						
29	✓		✓	✓				✓			1	3 days	4	3	15 days	1974	✓						
30	✓		✓	✓				✓			1	2 days	3	3	10 days	1974	✓						
31			✓	✓				✓			1	2 days	3	2	7 days	1980	✓						
32	✓							✓			1	3 hr	2	1	24 hr	-	✓						✓
33	✓							✓				2 hr	5	4	20 days	1970, 1974, 1954							
34	✓		✓	✓				✓			2	9 days	3	3	15 days	1974	✓						✓
35	✓		✓	✓				✓			1	3 days	4	4	12 days	-	✓						
36	✓		✓	✓				✓			1	2 days	5	4	15 days	1974, 1954	✓						
37	✓		✓	✓				✓			1	1 day	6	3	10 days	1974	✓						
38	✓							✓				-	-	-	-	-							
39	✓							✓			1	3 hr	4	2	6 hr	1984							✓
40	✓							✓			2	8 hr	5	4	3 days	1984							✓
41			✓	✓				✓			6	15 days	10	9	1 month	1974	✓						
42			✓	✓				✓			6	15 days	10	9	1 month	1974	✓						
43			✓	✓				✓			5	12 days	10	8	25 days	1974	✓						

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STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No. _____

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.				
	High	Low	Very Low	Noth-ing	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e
44	✓			✓			✓						1	2 ^{days}	1974	✓				
45		✓			✓			✓		2	6 ^{hr}	5	3	10 ^{hr}	1984		✓			✓
46	✓			✓				✓		1	2 ^{hr}	2	2	4 ^{hr}	1984		✓			✓
47	✓			✓				✓		1	2 ^{hr}	3	1	3 ^{hr}	1984		✓			✓
48	✓			✓				✓												
49	✓			✓				✓		1	1 ^{hr}	5	1	1 ^{hr}	1986	✓				
50	✓			✓				✓		1	1 ^{hr}	6	1	1 ^{hr}	1986	✓				
51	✓			✓				✓		1	2 ^{hr}	6	1	2 ^{hr}	1986	✓				
52	✓			✓				✓		1	1 ^{hr}	8	1	2 ^{hr}	1986	✓				
53	✓			✓				✓		1	1/2 ^{hr}	6	2	1 ^{hr}	1986	✓				
54	✓			✓				✓		1	1/2 ^{hr}	5	1	1 ^{hr}	1986	✓				
55	✓			✓				✓		1	2 ^{hr}	6	2	1 ^{days}	1986	✓				
56	✓			✓				✓		1	1 ^{hr}	7	2	12 ^{hr}	1986	✓				
57	✓			✓				✓		1	2 ^{hr}	8	2	1 ^{days}	1986	✓				
58	✓			✓				✓		1	12 ^{hr}	5	1	1 ^{days}	1986	✓				
59	✓			✓				✓		1	6 ^{hr}	6	1	12 ^{hr}	1986	✓				
60	✓			✓				✓		1	hr	6	1	1 ^{days}	1986	✓				
61	✓							✓		1	1/2 ^{hr}	8	3	7 ^{days}	1974	✓				✓
62		✓		✓				✓		1	1 ^{hr}	10	3	10 ^{days}	1974	✓				
63	✓			✓				✓		1	1/2 ^{hr}	8	2	6 ^{days}	1974	✓				
64		✓		✓				✓		1	1 ^{hr}	8	4	7 ^{days}	1974	✓				
65	✓			✓				✓		1	1/3 ^{hr}	12	3	5 ^{days}	1974	✓				
66	✓			✓				✓		1	1/2 ^{hr}	8	4	7 ^{days}	1974	✓				
67	✓			✓				✓		1	1/4 ^{hr}	7	2	20 ^{days}	1974	✓				

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
IN DHAKA CITY, BANGLADESH
FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood of Waterlogged Condition			Max. Flood or Waterlogged Condition		Main Cause of Flood or Waterlogged.								
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
68	✓				✓			✓			✓	1	1/2 hr	12	3	3 days	1974	✓					
69	✓				✓			✓			✓	1	1/2 hr	10	3	7 days	1974	✓					
70	✓				✓			✓			✓	1	1/4 hr	8	2	1 month	1974	✓			✓		
71	✓				✓			✓			✓	1	1/2 hr	10	3	7 days	1974	✓			✓		
72	✓				✓			✓			✓	1	1/2 hr	4	3	1 month	1974	✓			✓		
73		✓			✓			✓			✓	1	1/4 hr	6	3	1 month	1974	✓			✓		
74		✓			✓			✓			✓	1	1/4 hr	8	3	1 month	1974	✓			✓		
75	✓				✓			✓			✓	1	1 day	10	2	1 month	1974	✓			✓		
76	✓				✓			✓				-	-	-	-	-	-						
77			✓		✓				✓		10	12 months	1	1	12 months	1986	✓						
78	✓				✓			✓			1	1 hr	15	1	2 hr	1986							✓
79	✓				✓			✓			1	5 hr	20	4	1 month	1974					✓		
80		✓			✓			✓			3	15 days	40	4	20 days	1986	✓						
81	✓				✓			✓			2	7 hr	30	4	2 months	1974						✓	
82	✓				✓			✓			1	2 hr	15	5	25 days	1974							✓
83	✓				✓			✓			1	1 hr	10	3	1 month	1974					✓		
84	✓				✓			✓			1	1 hr	12	5	2 months	1974	✓						
85	✓				✓			✓			-	-	-	3	20 days	1974							
86		✓			✓			✓			2	20 days	3	6	35 days	1963							
87		✓			✓			✓			2	15 days	3	6	30 days	1962							
88		✓			✓			✓			1	10 days	3	4	25 days	1963							
89		✓			✓			✓			1	12 days	3	3	20 days	1962							
90		✓			✓			✓			-	-	-	1	10 days	1974							
91		✓			✓			✓			-	-	-	3	30 days	1963							

STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT
 IN DHAKA CITY, BANGLADESH
 FLOOD AND INUNDATION SURVEY SUMMARY SHEET

NAME OF DRAINAGE AREA

FIGURE No.

Point No.	Land Elevation		Drainage System		How Flooded or Waterlogged?					Annual Average Flood or Waterlogged Condition			Max. Flood or Waterlogged Condition			Main Cause of Flood or Waterlogged.							
	High	Low	Very Low	Nothing	Ditch	Pipe	a	b	c	d	e	Depth (feet)	Duration	Times	Depth (feet)	Duration	Date	a	b	c	d	e	
92	✓		✓	✓				✓				1	20 days	2	4	30 days	1963						
93	✓				✓			✓				1	10 days	3	4	30 days	1962 1963						
94			✓		✓			✓				2	10 days	2	7	35 days	1963						
95	✓				✓					✓		-	-	-	1	15 days	1962, 1963 1974						
96	✓				✓			✓				2	13 days	3	6	45 days	1963						
97	✓				✓			✓				1	15 days	4	4	30 days	1962 1963						
98	✓				✓			✓				1	12 days	3	3	35 days	1962						
99	✓			✓				✓				2	15 days	4	5	35 days	1962						
100	✓				✓					✓		-	-	-	2	40 days	1962						
101	✓				✓					✓		-	-	-	2	30 days	1962, 1963 1974						
102			✓	✓				✓				2	20 days	3	7	40 days	1963						
103	✓				✓			✓				2	30 days	4	6½	1½ days	1963						
104	✓				✓			✓				2	25 days	2	5	30 days	-						
105	✓				✓			✓				2	15 days	3	5	25 days	1962 1963						
106			✓		✓			✓				3	30 days	2	7½	2 days	1963 1974						

