

LEGEND

- Flood Mitigation Facility**
- Existing Facility
 - : Flood Wall
 - : Road/Railway-cum embankment
 - ▲ : Sluice Gate
 - Proposed Rehabilitation Work
 - : Flood Wall (R)
 - Proposed Facility
 - : Embankment
 - : Road-cum-embankment
 - : Flood Wall
 - ▲ : Sluice Gate
- Storm Water Drainage**
- Existing Facility
 - : Pump Station
 - Proposed Facility
 - ⊙ : Pump Station
 - : Khal Improvement
 - : Retarding Pond

Proposed Facility (Structural Measure)

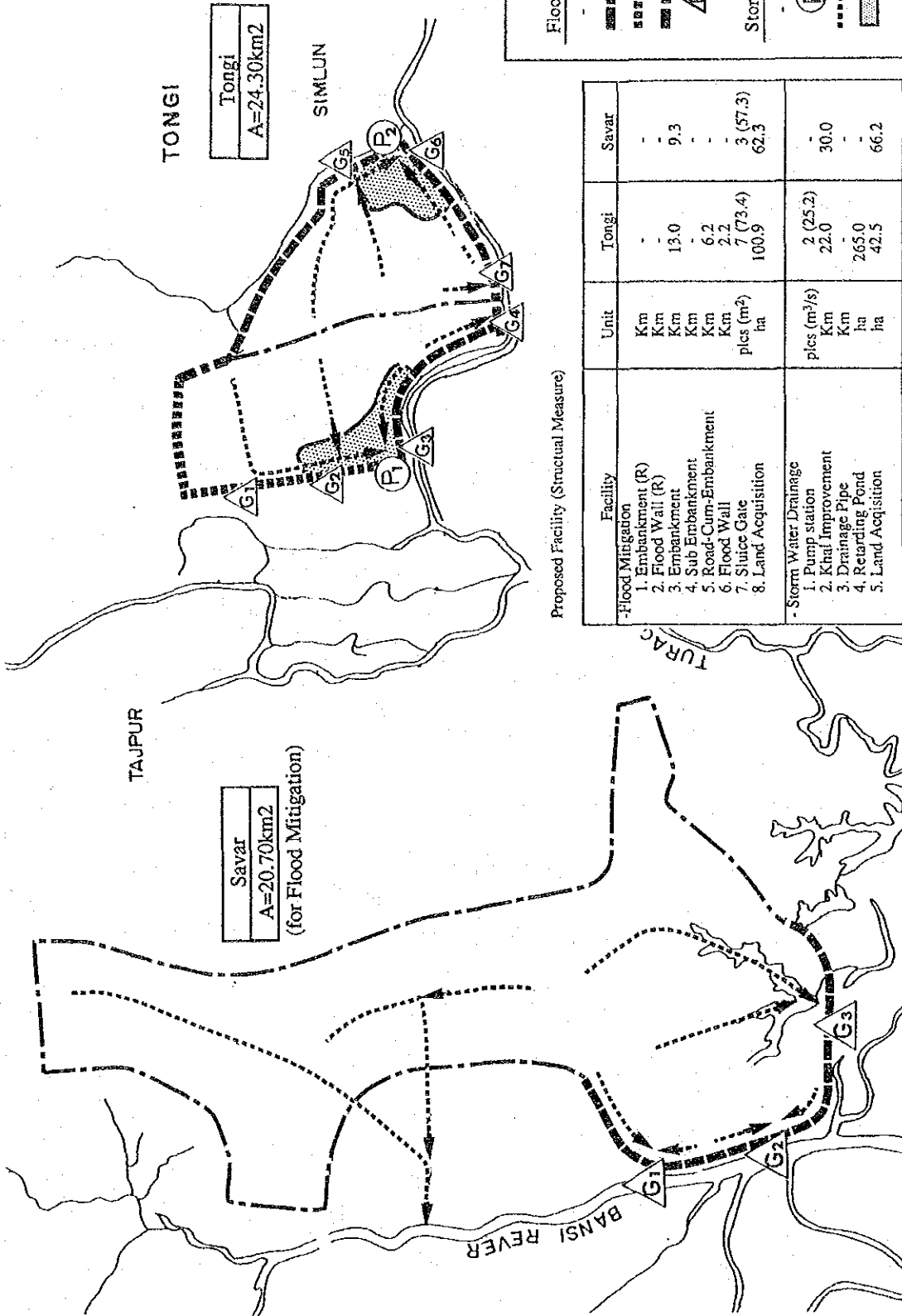
Facility	Unit	DND Area	Narayanganj West	Narayanganj East	Keraniganj
-Flood Mitigation					
1. Embankment (R)	Km	20.2	-	-	-
2. Flood Wall (R)	Km	-	6.1	6.6	23.3
3. Embankment	Km	-	4.3	6.5	-
4. Sub Embankment	Km	10.0	10.5	26.0	3.7
5. Road-Cum-Embankment	Km	2 (87.5)	7 (59.6)	12 (86.6)	10 (71.2)
6. Flood Wall	pieces (m ²)	5.8	61.5	99.2	163.7
7. Sluice Gate	ha	-	-	-	-
8. Land Acquisition	ha	-	-	-	-
-Storm Water Drainage					
1. Pump station	pieces (m ³ /s)	1 (50.2)	3 (16.2)	4 (12.5)	1 (27.7)
2. Khal Improvement	Km	38.0	6.4	7.4	22.5
3. Drainage Pipe	Km	-	-	-	-
4. Retarding Pond	ha	681.0	170.0	130.0	292.0
5. Land Acquisition	ha	90.8	12.2	14.1	50.6

Note:
 1) On-going projects by JICA and IBRD are not included.
 2) (R) : Rehabilitation Work

FIG. S.9 PROPOSED FLOOD MITIGATION AND STORMWATER DRAINAGE FACILITIES (2),(NARAYANGANJ DND AND WEST, KERANIGANJ)

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH





Tongi
A=24.30km²

Savar
A=20.70km²
(for Flood Mitigation)

LEGEND

Flood Mitigation Facility

- Proposed Facility
- ▬ : Embankment
- ▬▬▬▬ : Road-cum-embankment
- ▬▬▬▬ : Flood Wall
- △ : Sluice Gate

Storm Water Drainage

- Proposed Facility
- Ⓟ : Pump Station
- ⋯ : Khal Improvement
- ▨ : Retarding Pond
- : Boundary of Drainage Zone

Proposed Facility (Structural Measure)

Facility	Unit	Tongi	Savar
-Flood Mitigation			
1. Embankment (R)	Km	-	-
2. Flood Wall (R)	Km	13.0	9.3
3. Embankment	Km	-	-
4. Sub Embankment	Km	6.2	-
5. Road-Cum-Embankment	Km	2.2	-
6. Flood Wall	pieces (m ²)	7 (73.4)	3 (57.3)
7. Sluice Gate	ha	100.9	62.3
8. Land Acquisition			
- Storm Water Drainage			
1. Pump station	pieces (m ³ /s)	2 (25.2)	30.0
2. Khal Improvement	Km	22.0	-
3. Drainage Pipe	Km	265.0	-
4. Retarding Pond	ha	42.5	-
5. Land Acquisition	ha	-	66.2

Note:
1) On-going projects by JICA and IBRD are not included.
2) (R) : Rehabilitation Work

FIG. S.10
PROPOSED FLOOD MITIGATION AND STORMWATER DRAINAGE FACILITIES (3),(TONGI AND SAVAR)
GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLES REPUBLIC OF BANGLADESH



Drainage Zone Area

Name of Zone	Area (km ²)
A : Greater Dhaka Area	(262.42)
1. DA	34.33
2. DB	60.84
3. DC1	45.86
4. DC2	30.65
5. DC3	90.74
B : Tongi Area	(24.30)
1. TA	13.24
2. TB	11.06
C : Savar Area	(56.52)
1. S	56.52
D : Narayanganj Area	(88.22)
1. NA	56.79
2. NB	18.63
3. NC	12.8
E : Keraniganj Area	(24.29)
1. K	24.27
Total	455.73

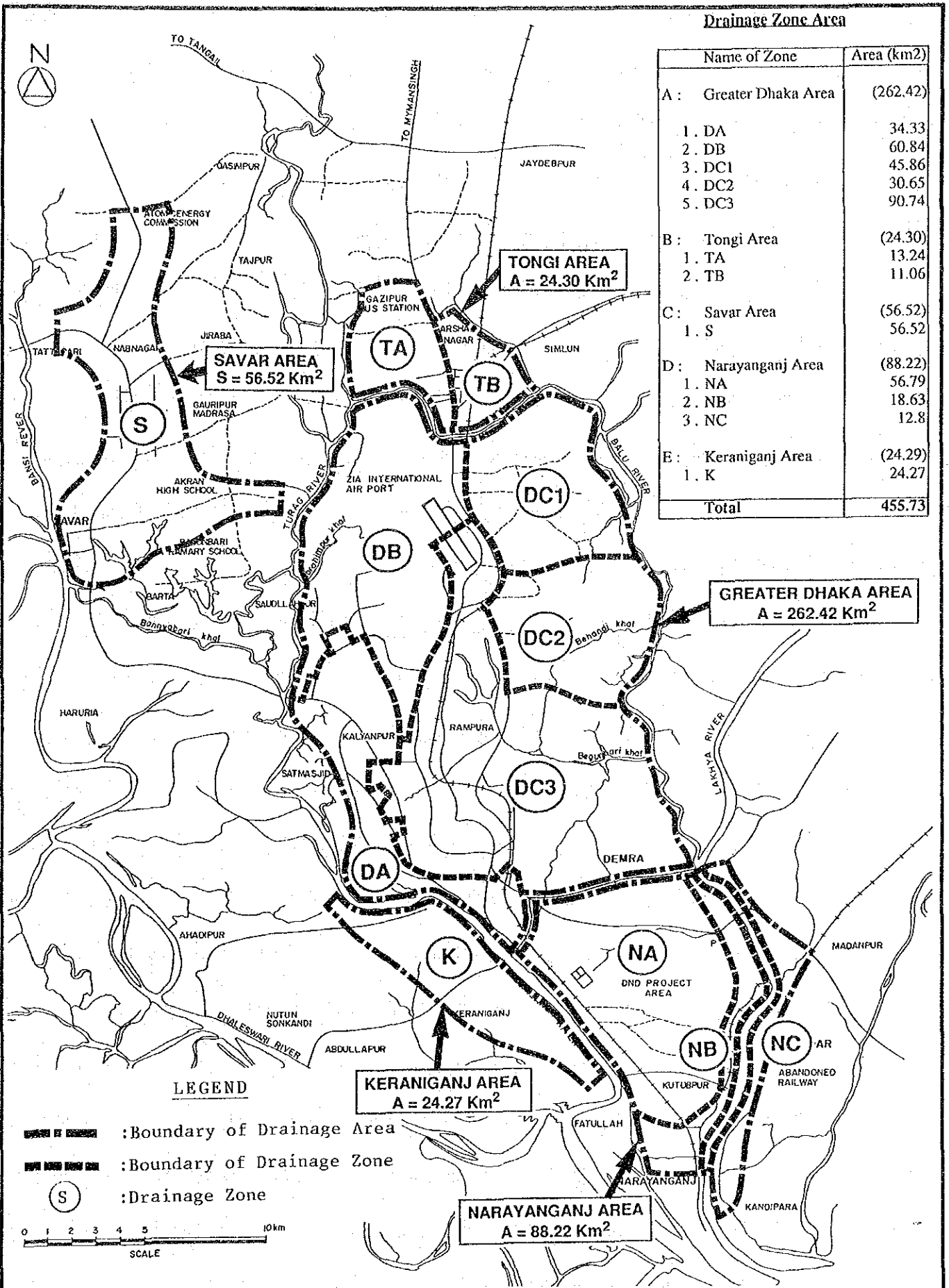


FIG. S.11

PROPOSED DRAINAGE ZONES

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH

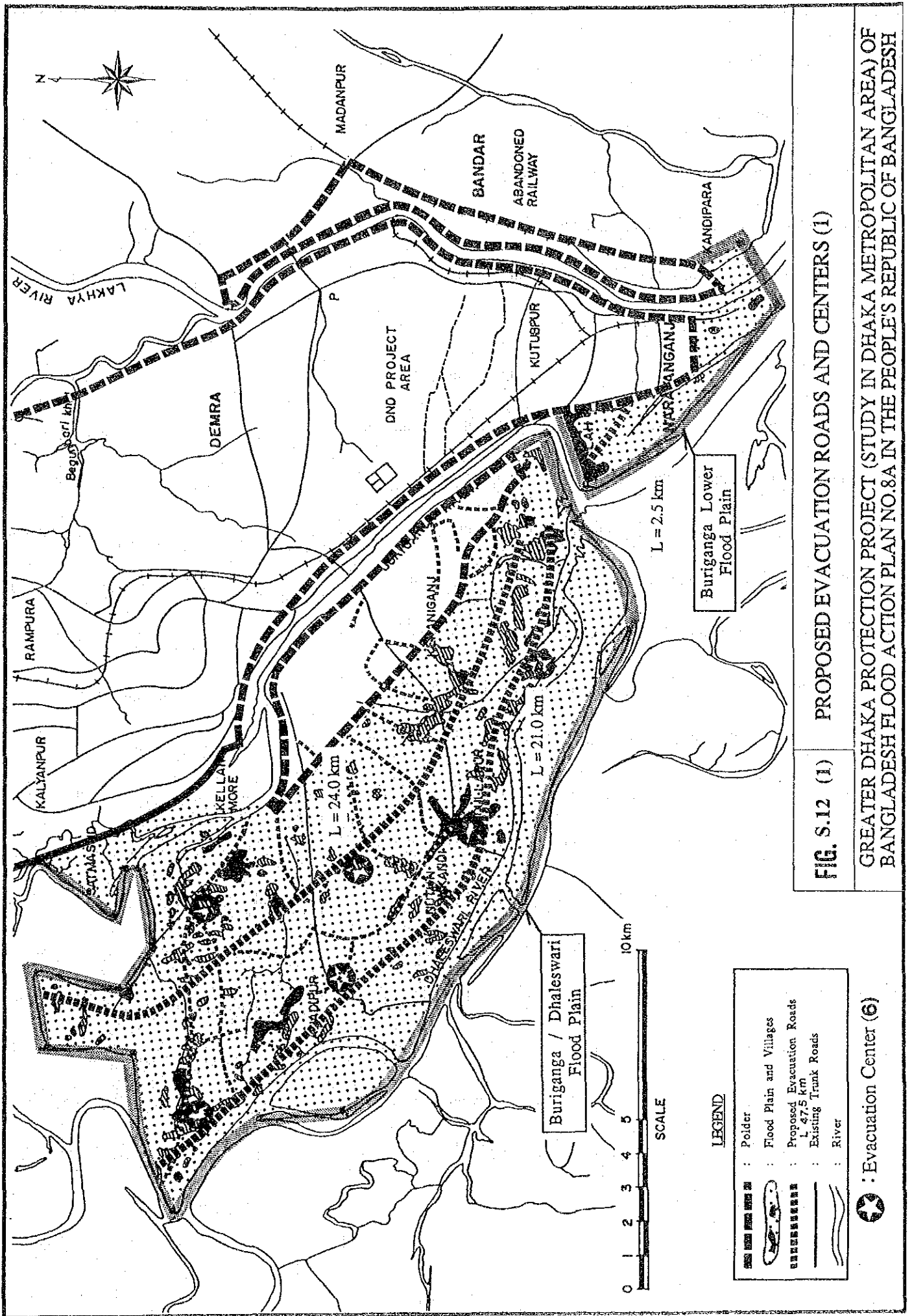


FIG. S.12 (1) PROPOSED EVACUATION ROADS AND CENTERS (1)

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH



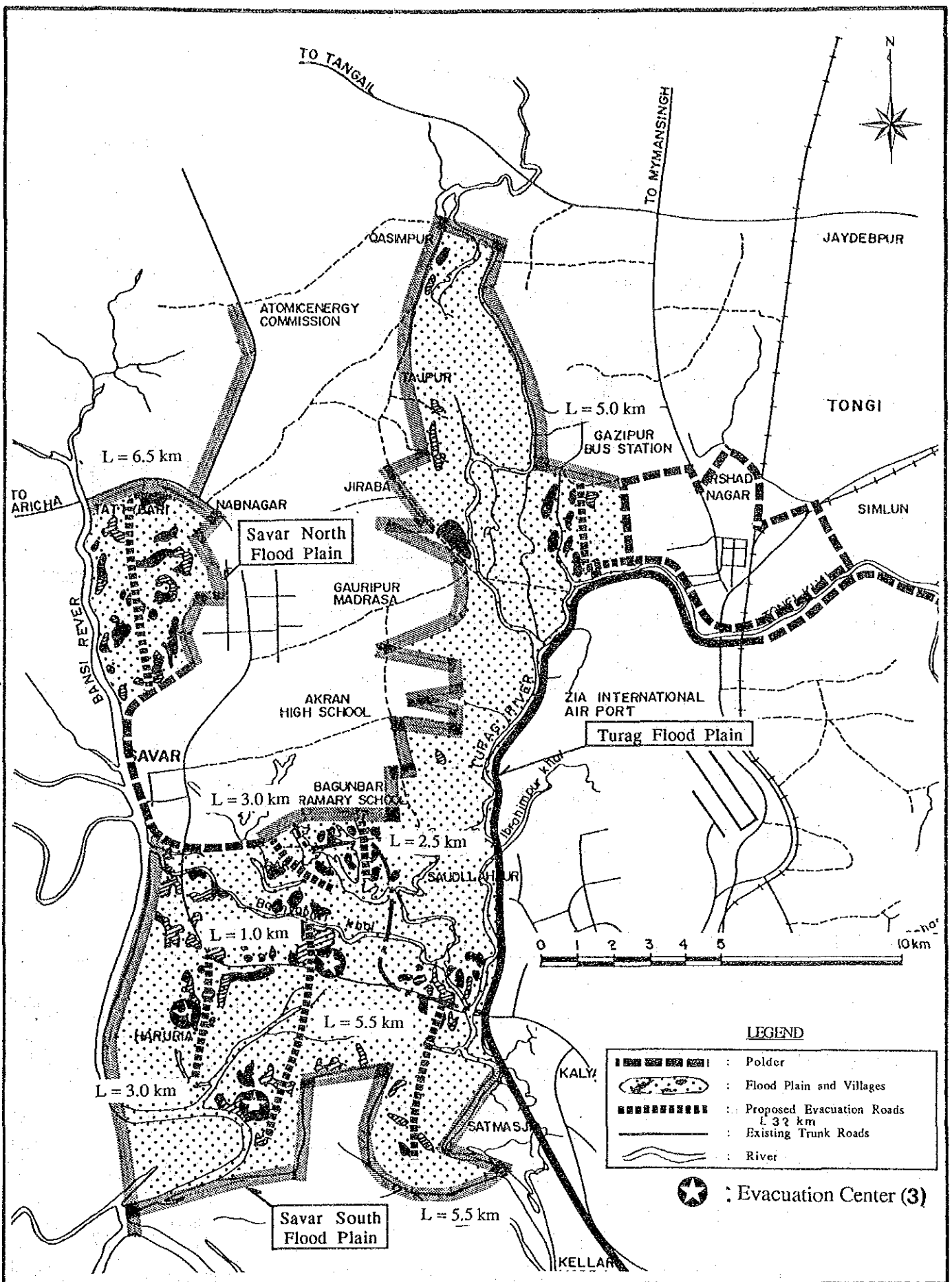


FIG. S.12 (2) PROPOSED EVACUATION ROADS AND CENTERS (2)

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH

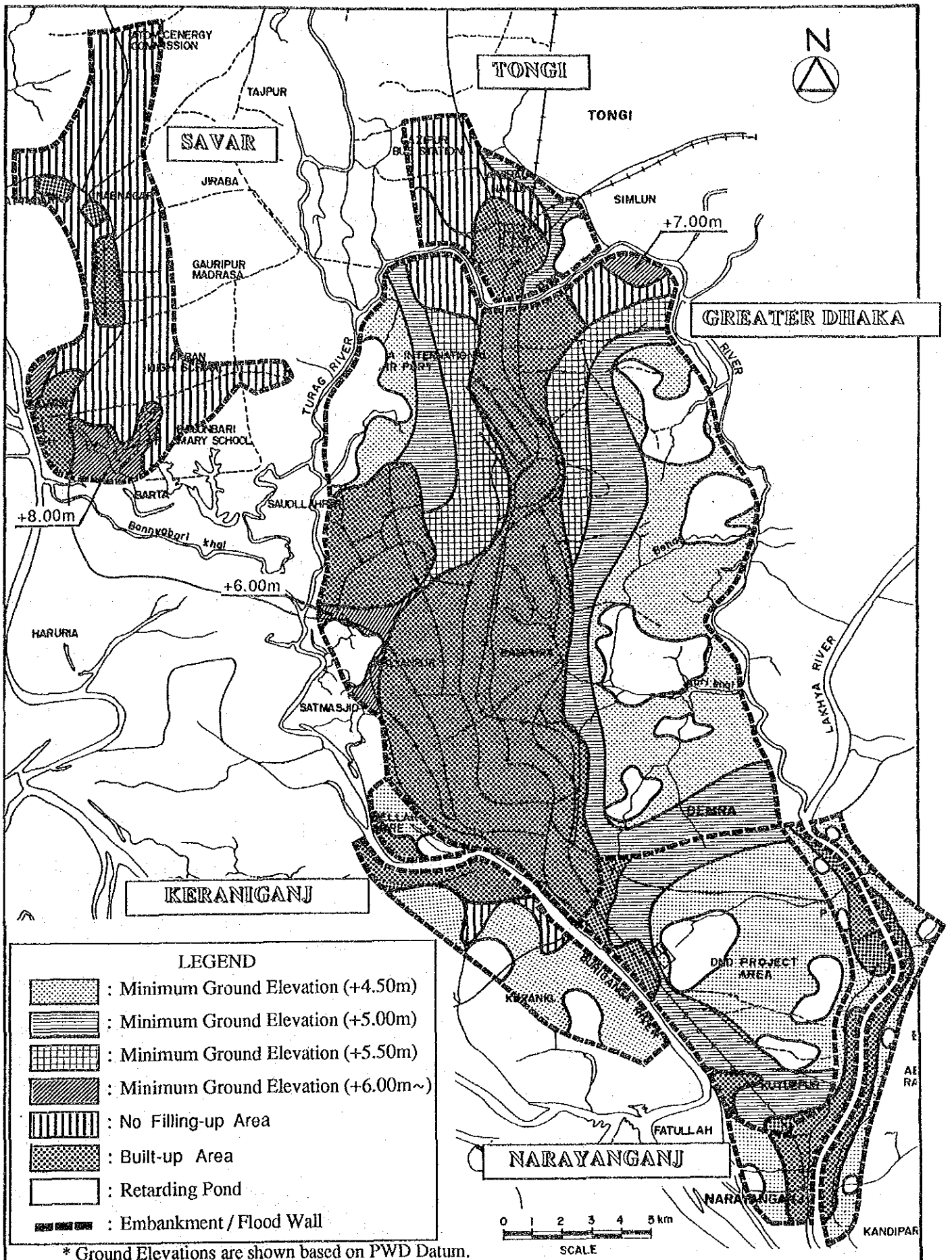


FIG. S.13

GUIDELINE OF FUTURE LOWLAND DEVELOPMENT

GREATER DHAKA PROTECTION PROJECT (STUDY IN DHAKA METROPOLITAN AREA) OF BANGLADESH FLOOD ACTION PLAN NO.8A IN THE PEOPLE'S REPUBLIC OF BANGLADESH

