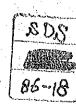
## THE KINGDOM OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION

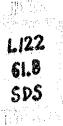
# FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

DRAWINGS

FEBRUARY, 1986

JAPAN INTERNATIONAL COOPERATION AGENCY





## THE KINGDOW OF THAILAND BANGKOK METROPOLITAN ADMINISTRATION

# FEASIBILITY STUDY ON FLOOD PROTECTION/DRAINAGE PROJECT IN EASTERN SUBURBAN-BANGKOK

DRAWINGS

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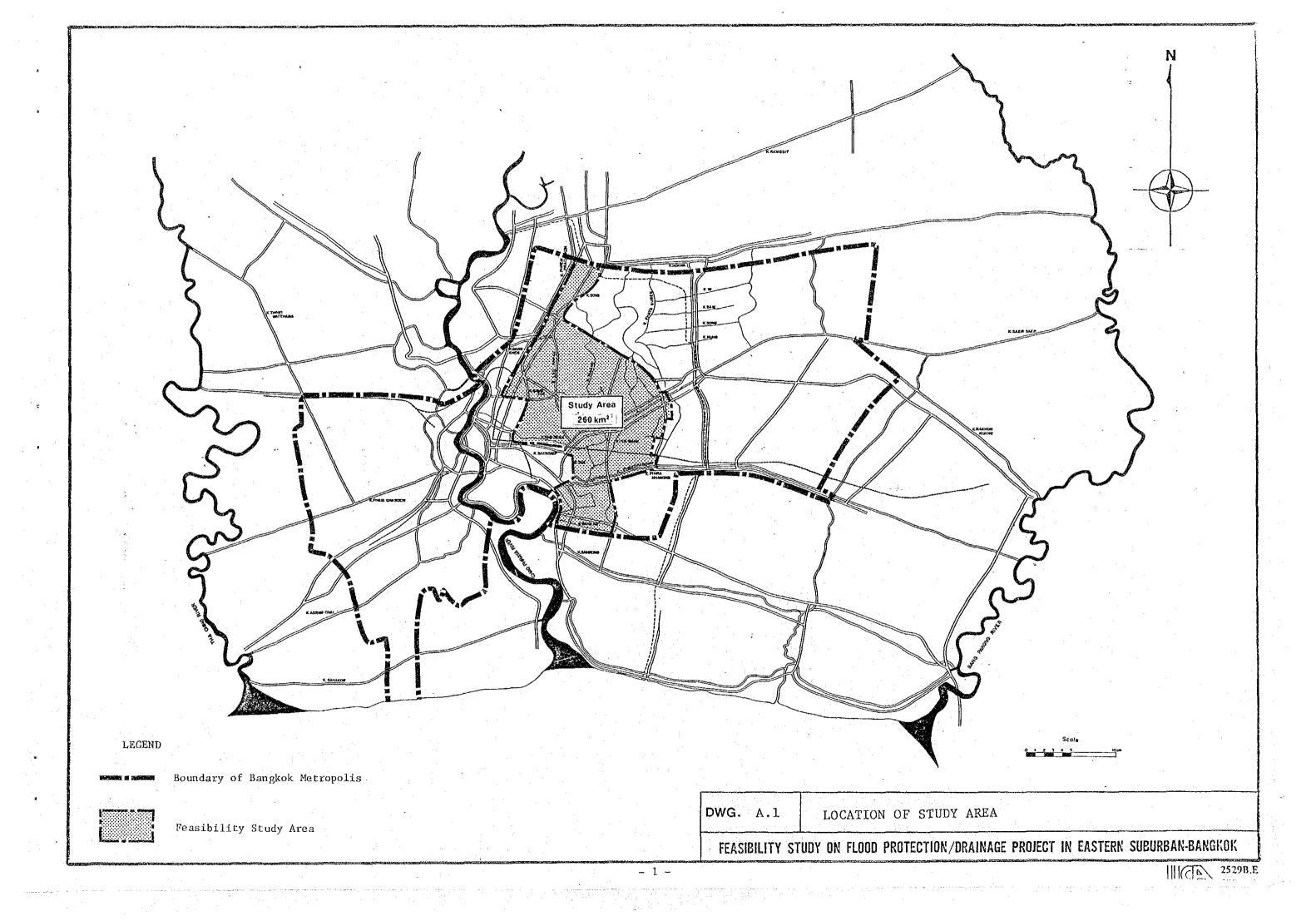
JAPAN INTERNATIONAL COOPERATION AGENCY

#### DRAWING LIST

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	GROUND ELEVATION IN STUDY AREA	· · · · · · ·	( 1	curry \
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D.	GENERAL PLAN OF PROPOSED FACILITIES IN FEASIBILITY STUDY	- 4	(1,	SHEET )
E	PLAN OF PROPOSED FACILITIES	<del></del> 5	( 36	SHEETS)
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Н.	PUMPING STATION	122	( 2	SHEETS)
I.	FLOOD PROTECTION BARRIER	124	( 2	SHEETS)
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		•		
К.	DRAIN	130	( 1	SHEET )
				· .

A. LOCATION OF STUDY AREA

( 1 SHEET )



B. GROUND ELEVATION IN STUDY AREA

(.1 SHEET)



Embanked Area, More than MSL +1.00m

Embanked Area, MSL +0.00 +1.00m

Embanked Area, Less than MSL+0.00m

Contour Line above MSL

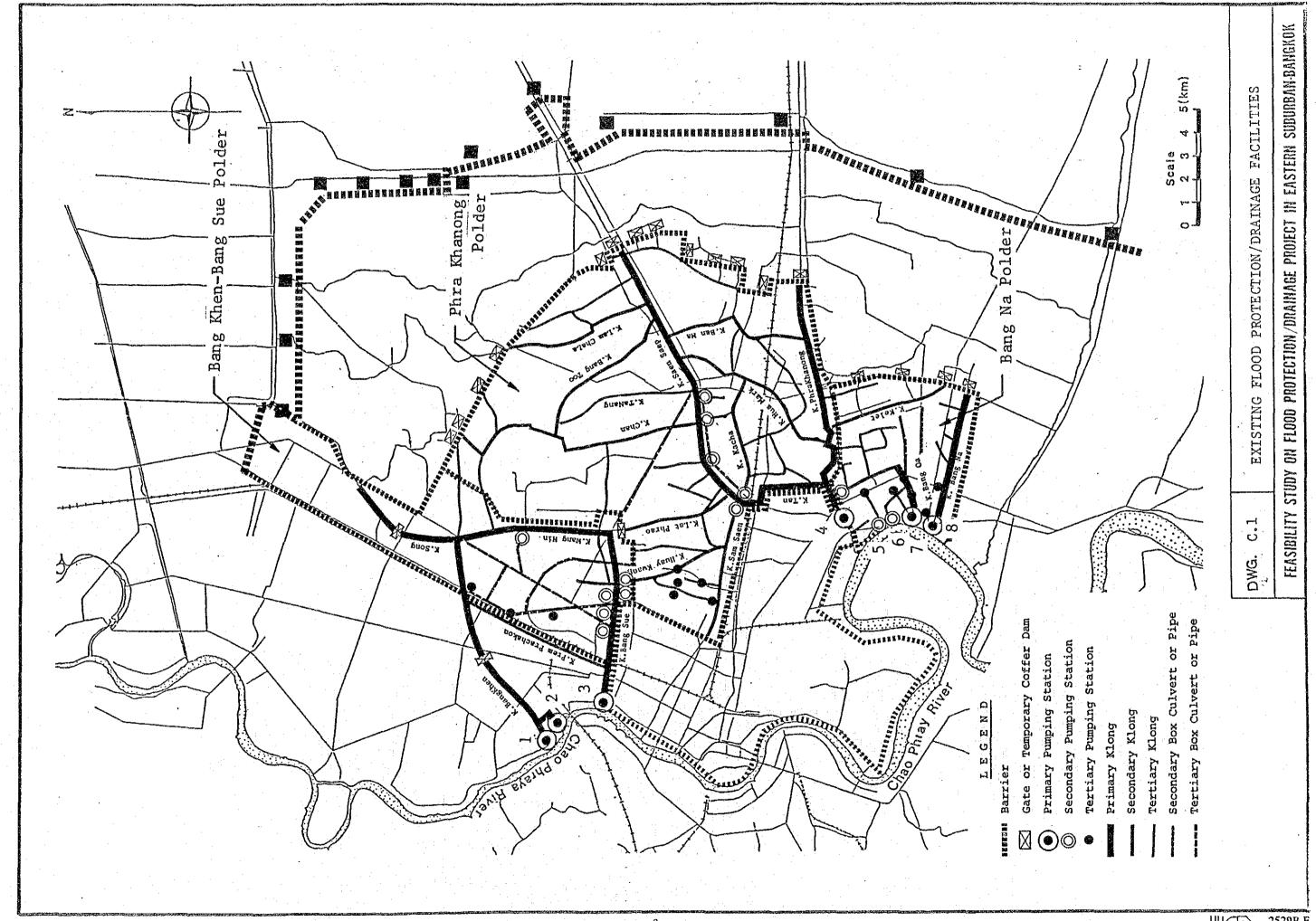


[Source; JICA Study Team]

DWG. B.1

GROUND ELEVATION IN STUDY AREA

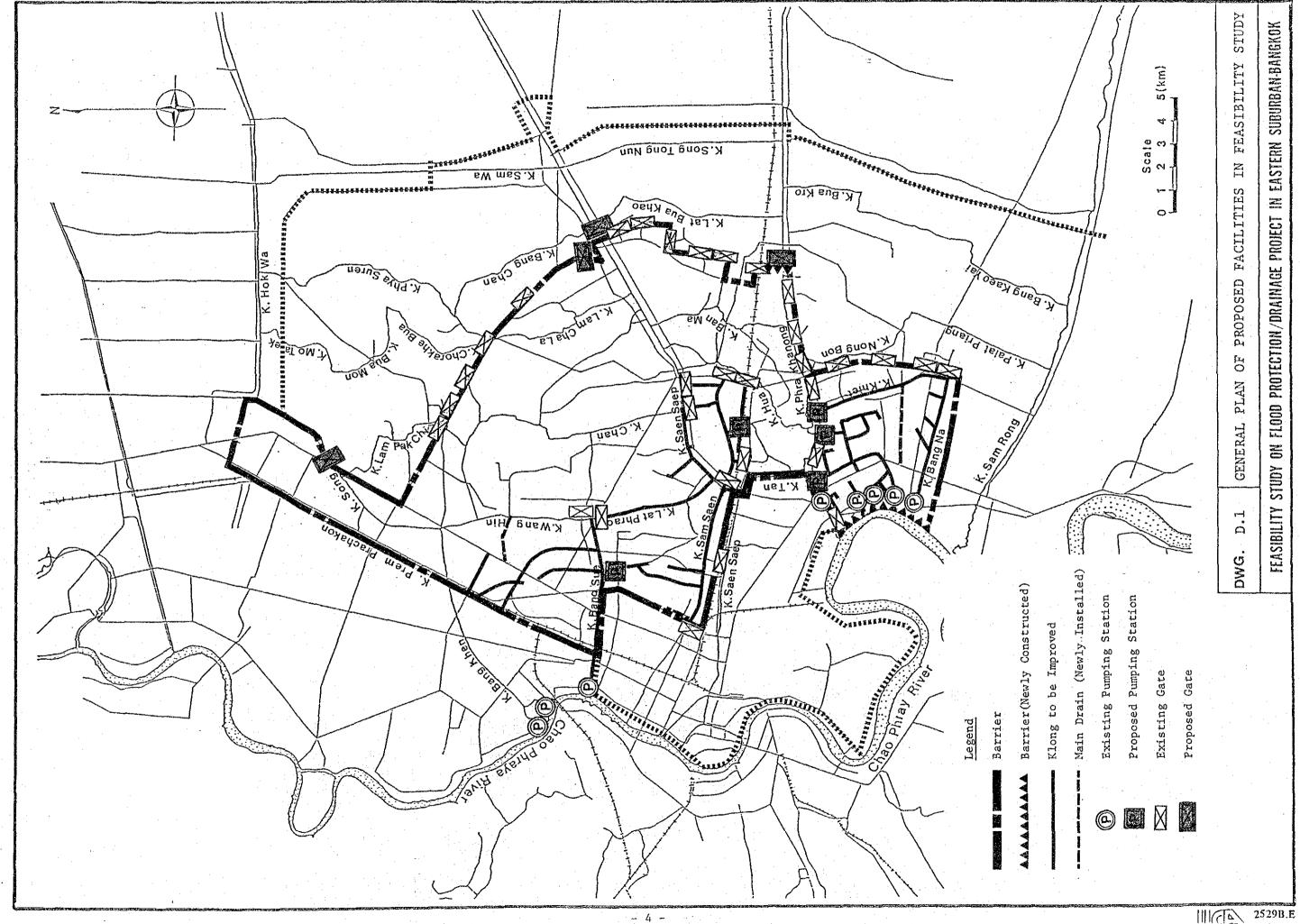
C. EXISTING FLOOD PROTECTION/DRAINAGE FACILITIES ( 1 SHEET )



2529B.E

- 3 -

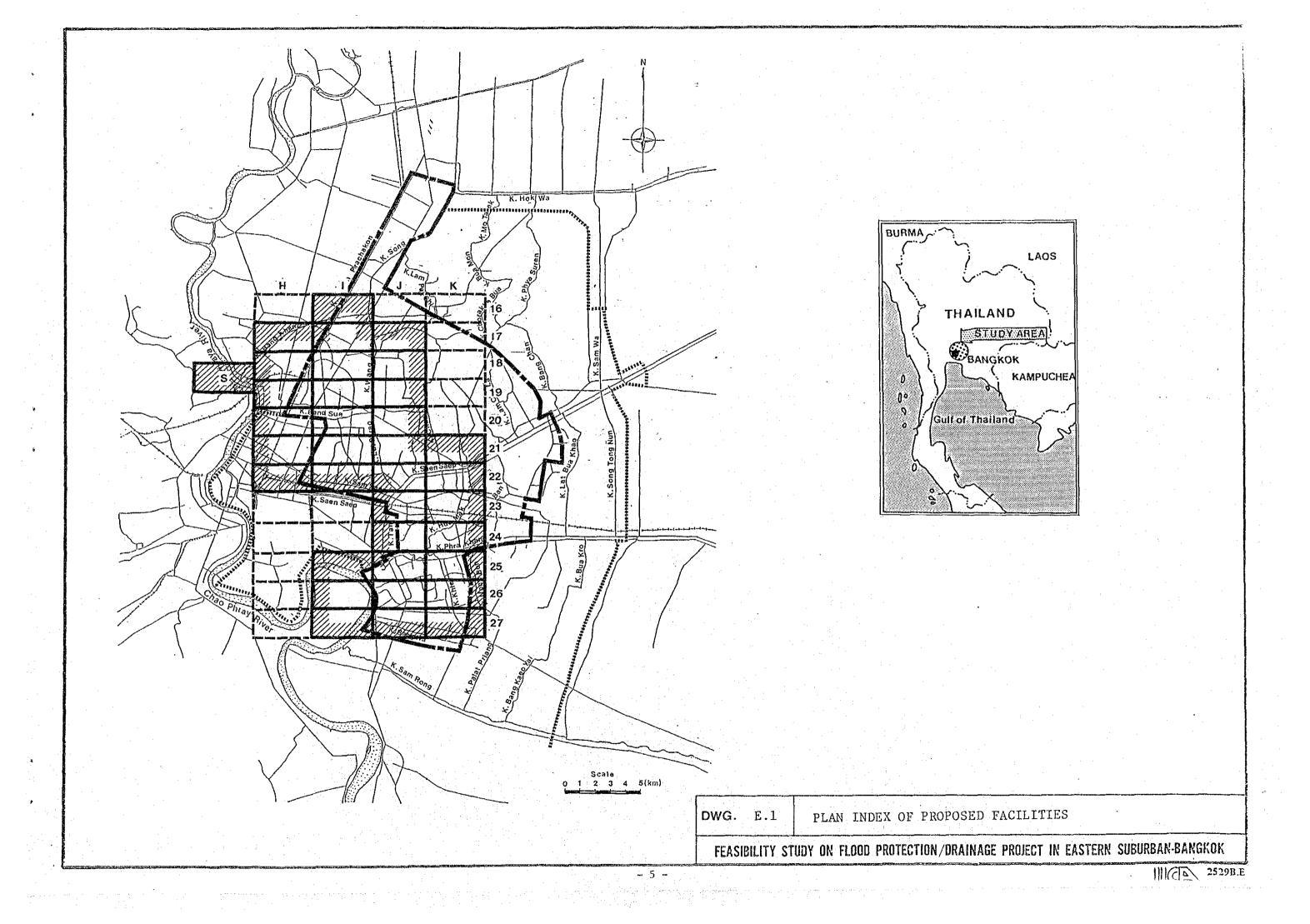
D. GENERAL PLAN OF PROPOSED FACILITIES IN FEASIBILITY STUDY (1 SHEET)

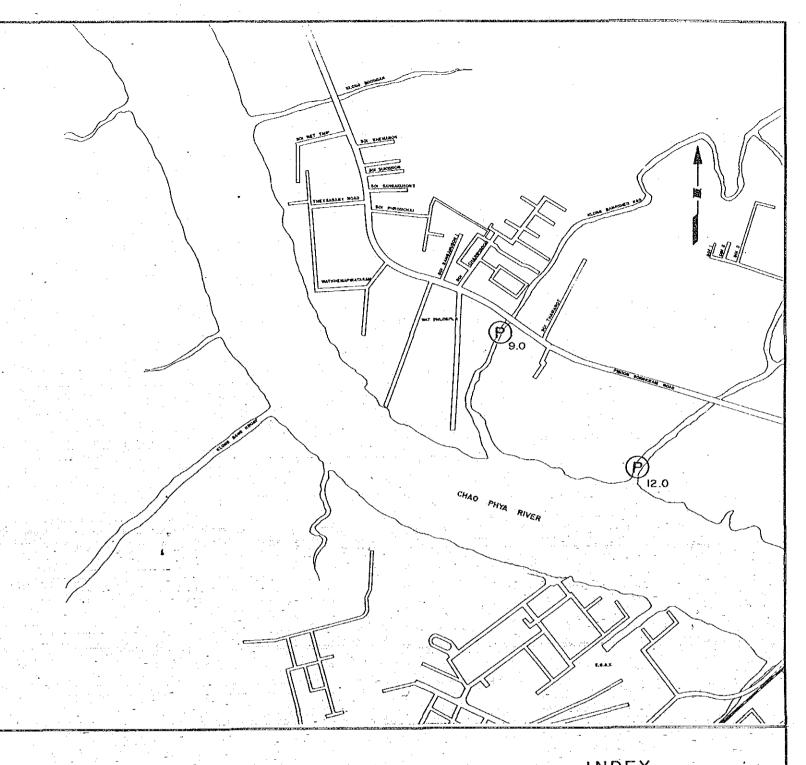


||| 2529B.E

E. PLAN OF PROPOSED FACILITIES

( 36 SHEETS)





Existing Barrier Utilizing Railway, Road Embankment

AAAAA

Proposed Barrier, to be Newly Constructed

A -1.50 Bed Level Wall Type of -St.

Klong to be Improved (with Rectangular Section)

o −St.

-2.00 Bed Level

Klong to be Improved (with Trapezoidal Section)

Size (1

Existing Drainage Pipe, Box Culvert

Size (mm) \$\delta = 1000 \text{O}\$

Proposed Drainage Pipe, Box Culvert

P10.0 L-Capacity(m³/s)

**Existing Pumping Station** 

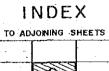


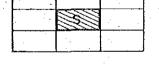
Proposed Pumping Station

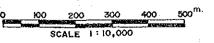


Existing Gate

W;Wooden Gate S;Steel Gate

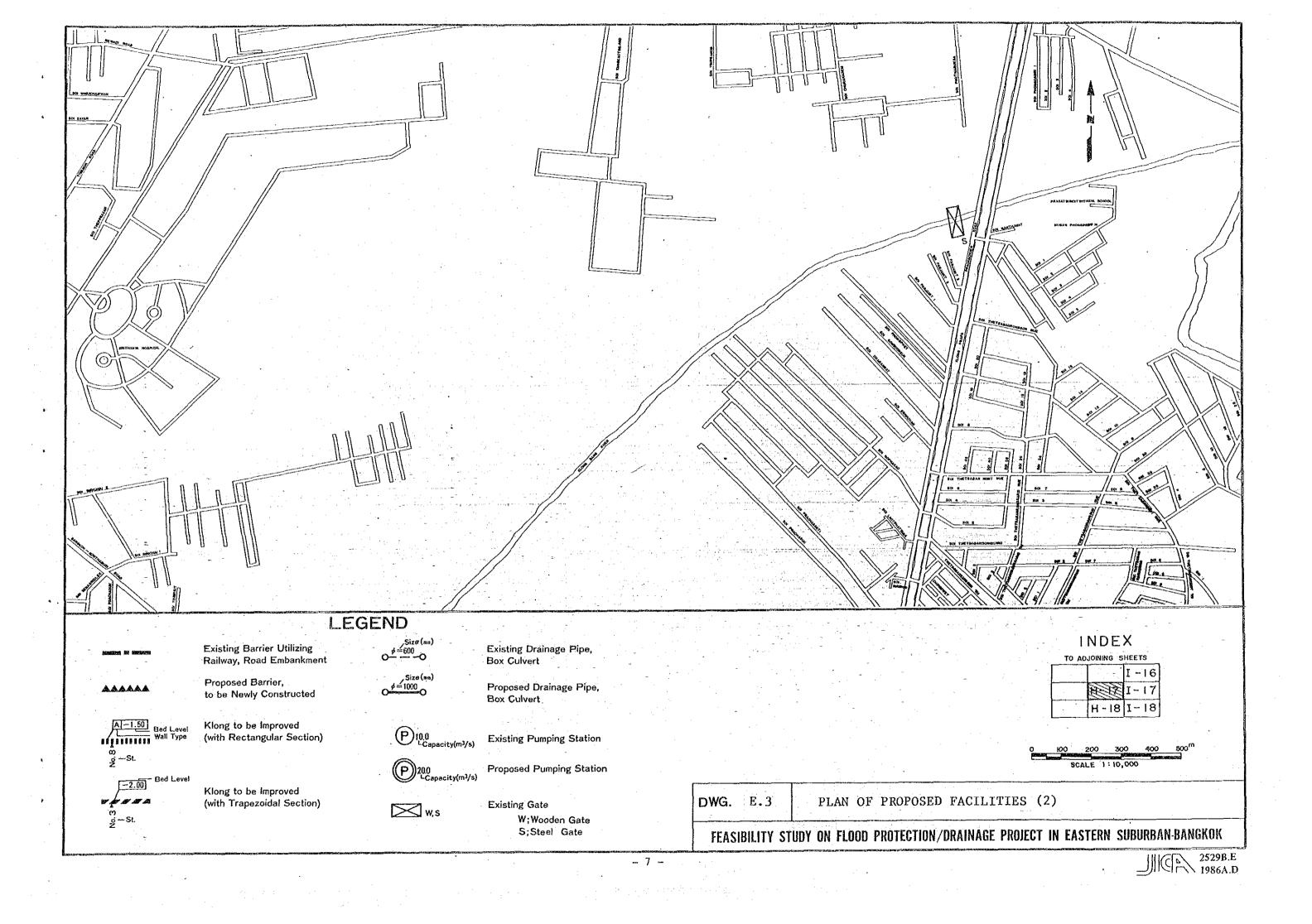


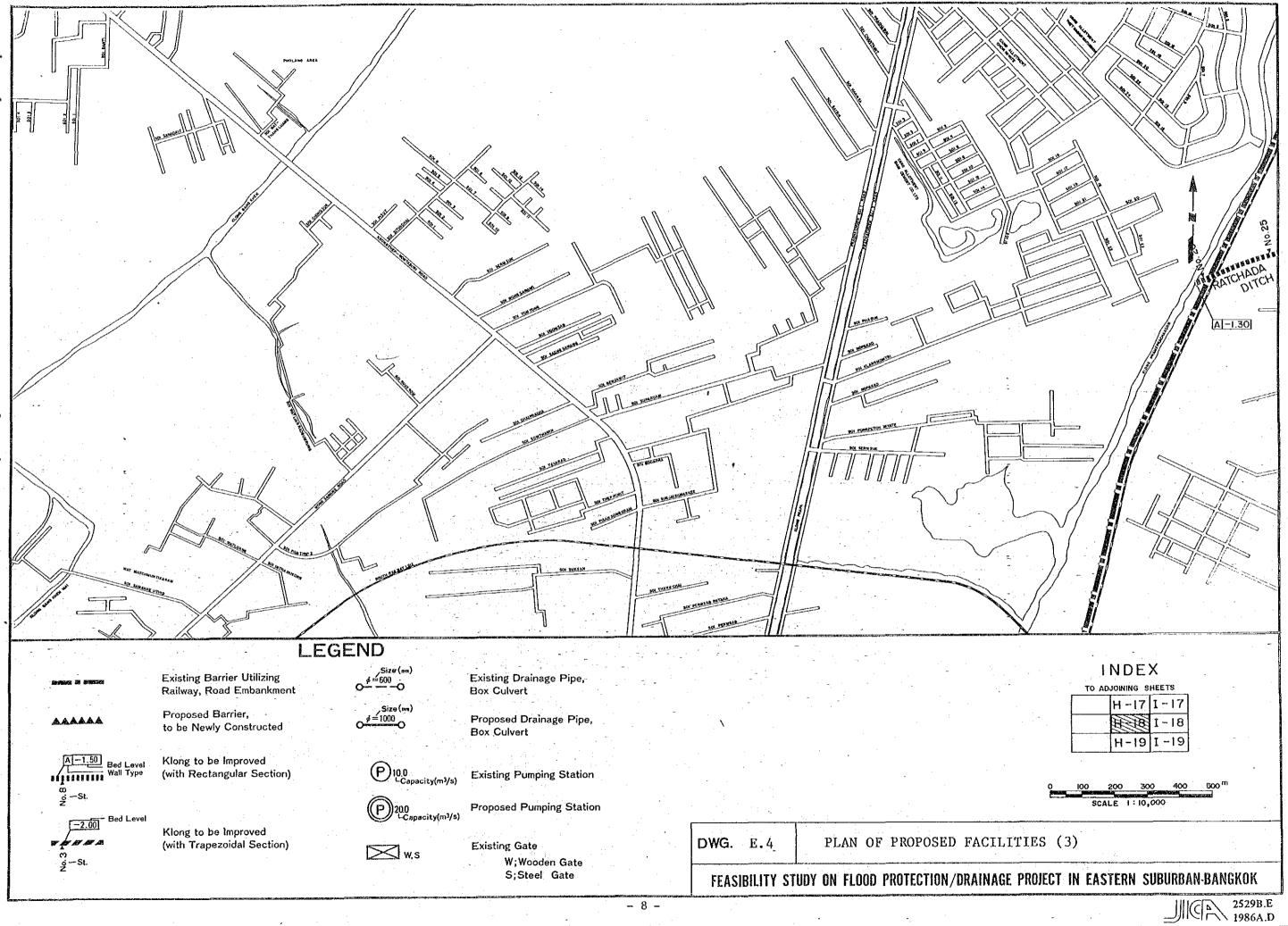


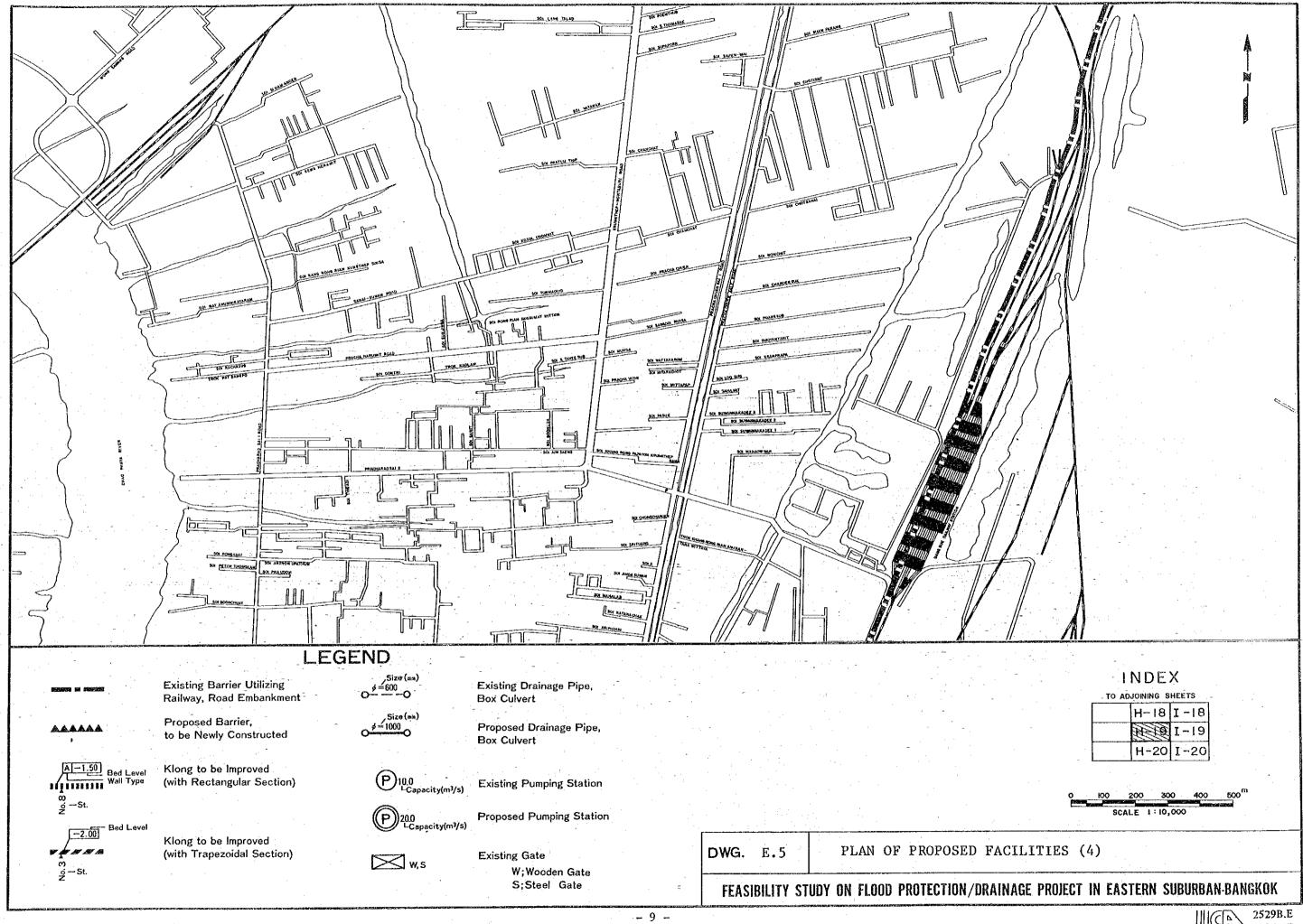


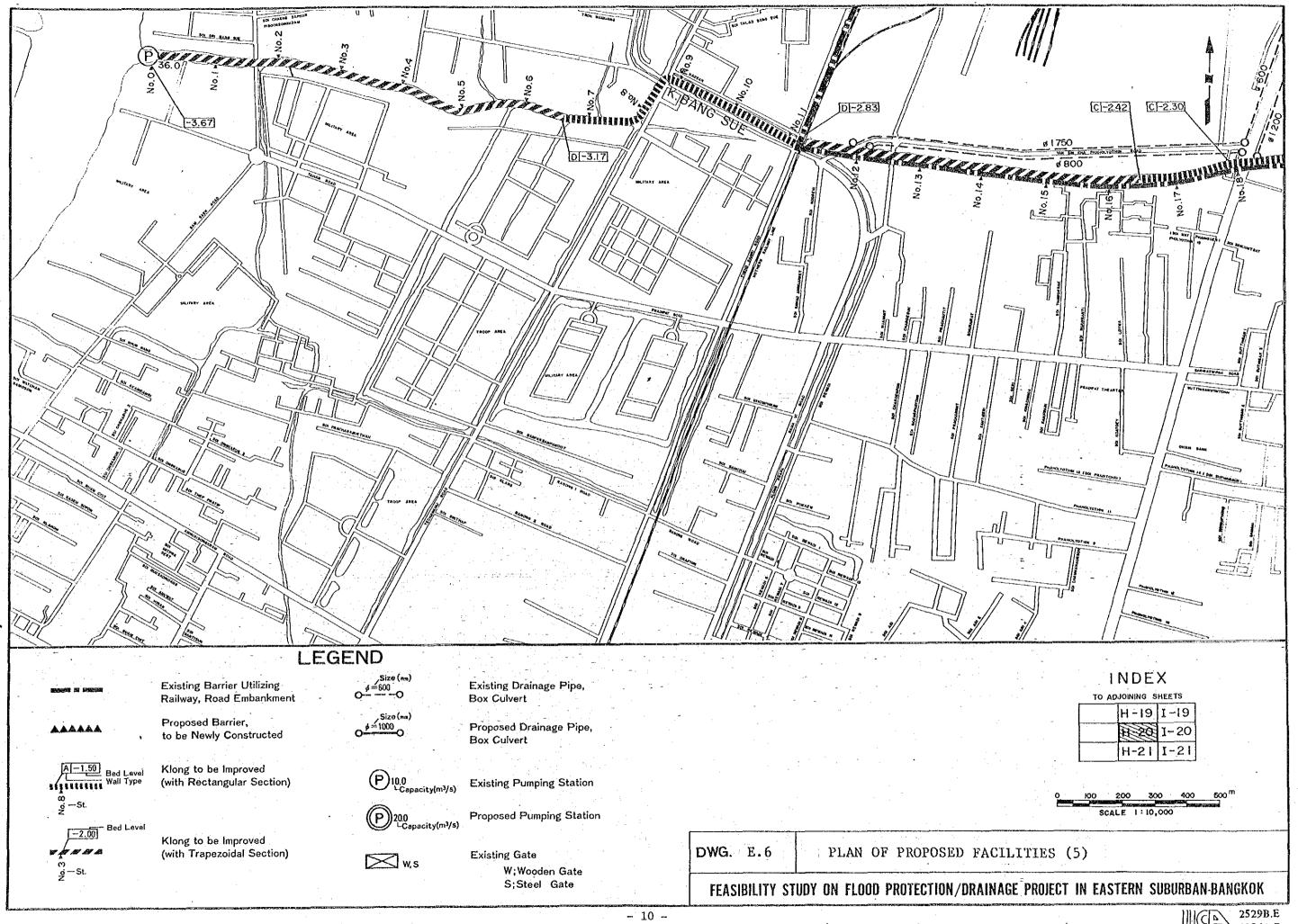
DWG. E.2

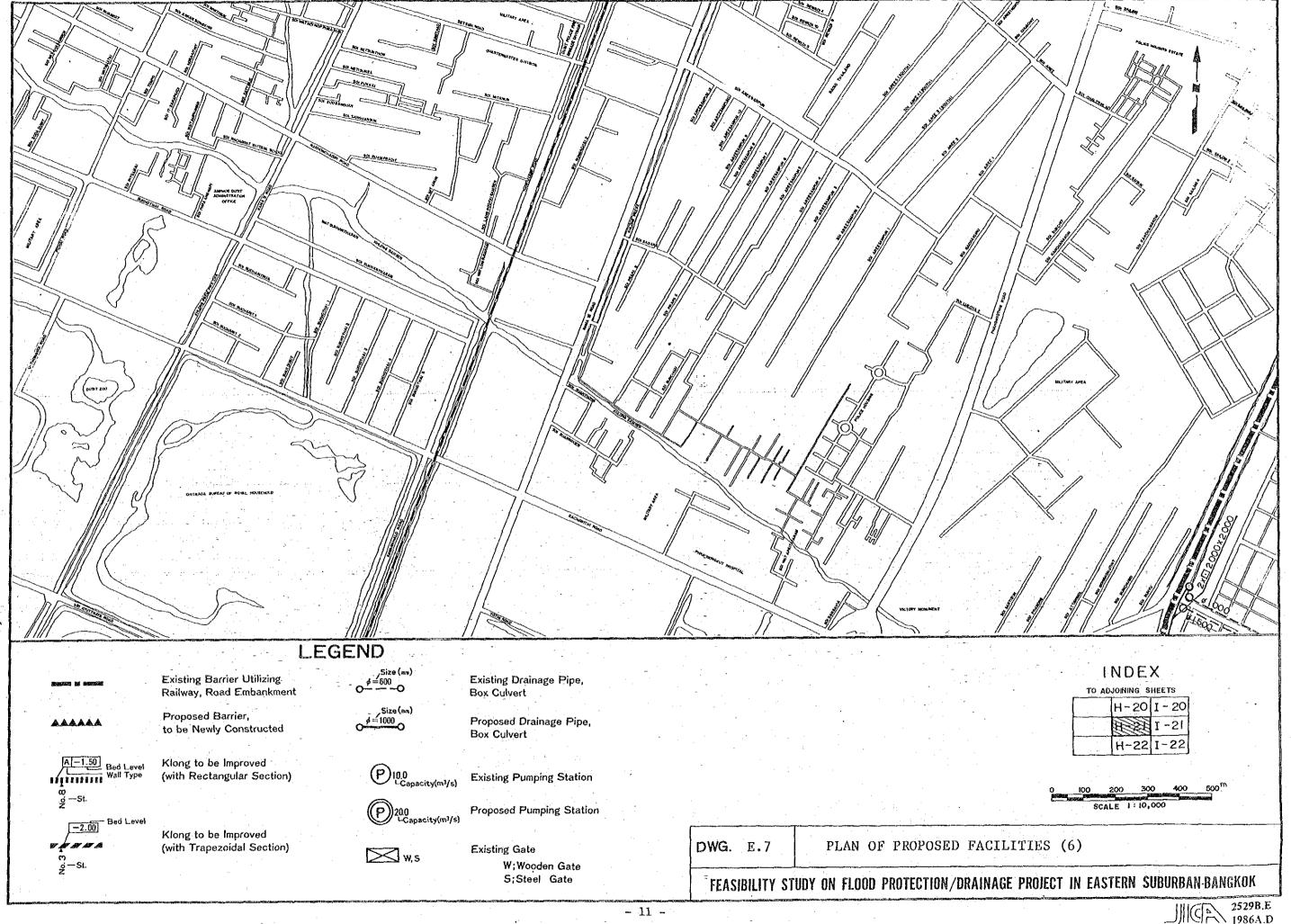
PLAN OF PROPOSED FACILITIES (1)

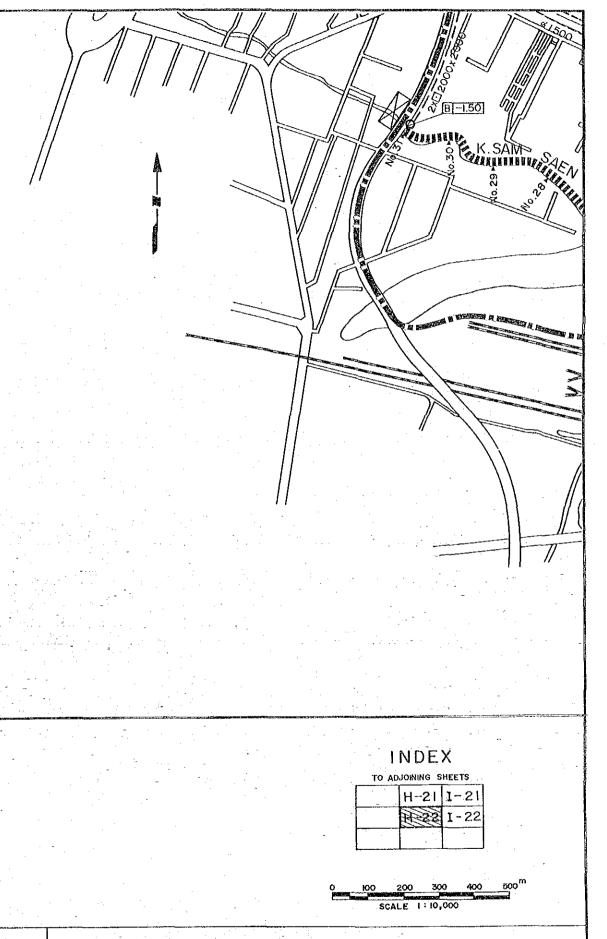












Existing Barrier Utilizing Railway, Road Embankment

Existing Drainage Pipe, Box Culvert

Proposed Barrier, to be Newly Constructed

Size (mm)

₩,s

Proposed Drainage Pipe, Box Culvert

A -1.50 Bed Level Wall Type

Klong to be Improved (with Rectangular Section)

Klong to be improved (with Trapezoidal Section)

Existing Pumping Station

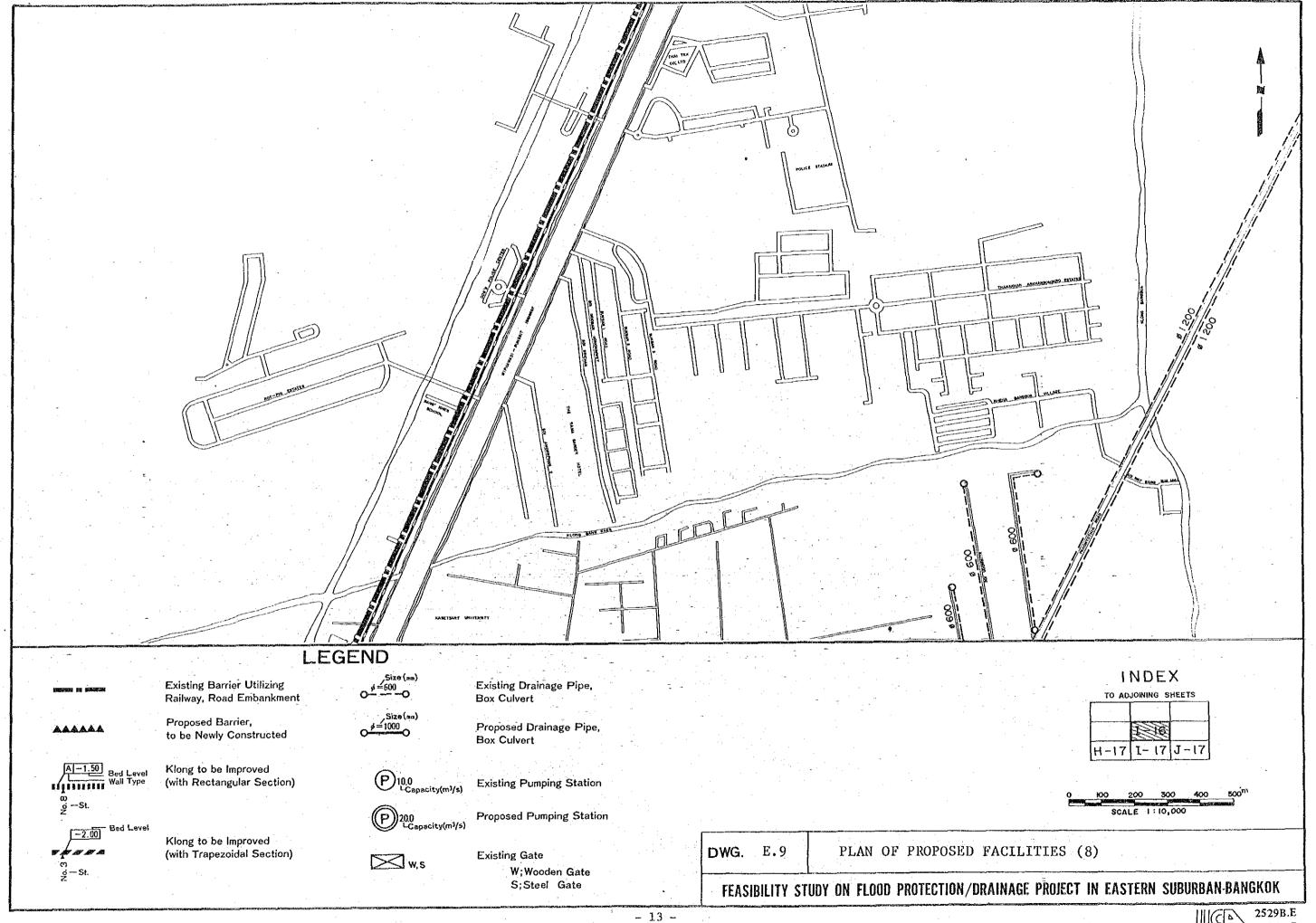
**Proposed Pumping Station** 

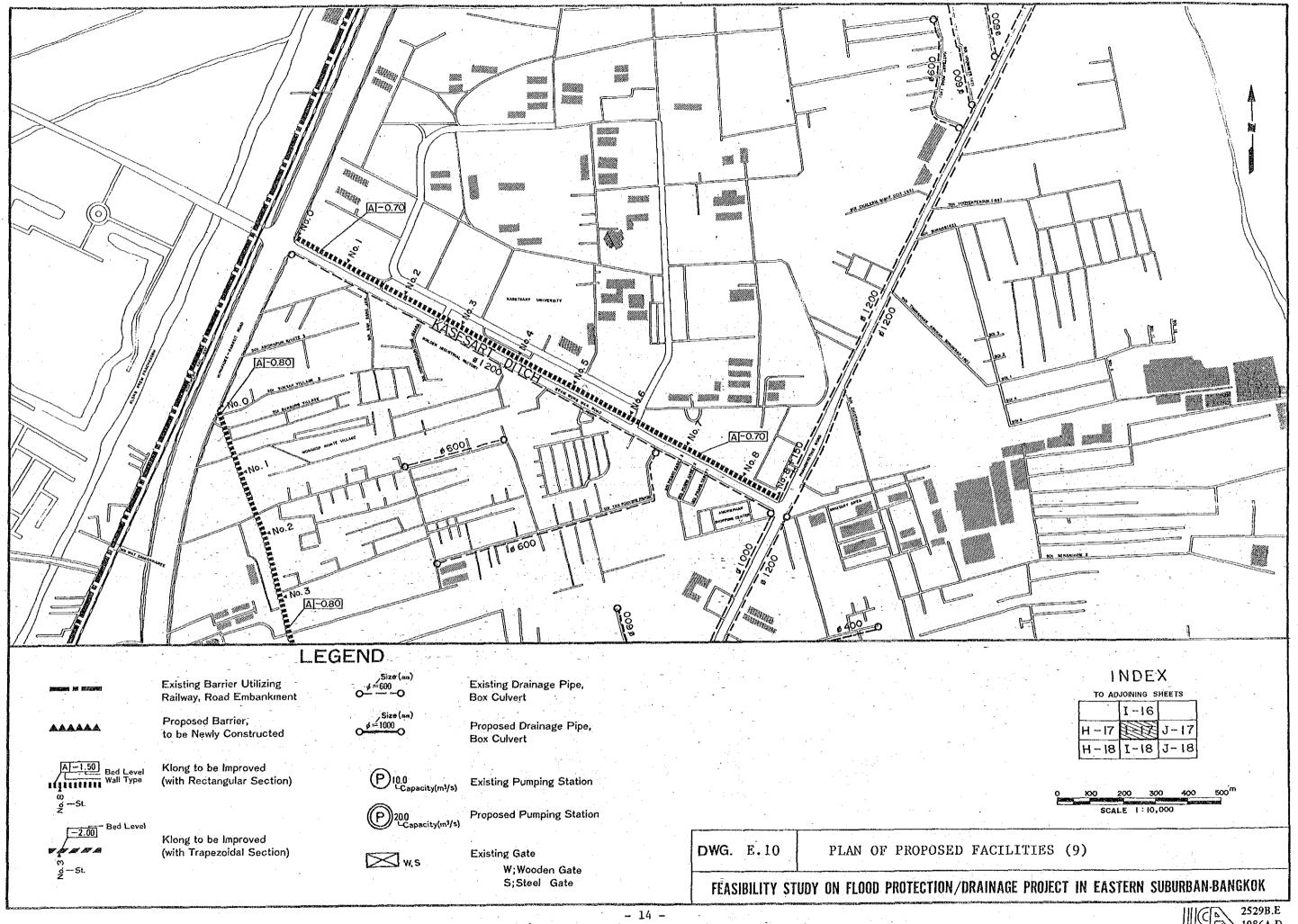
S;Steel Gate

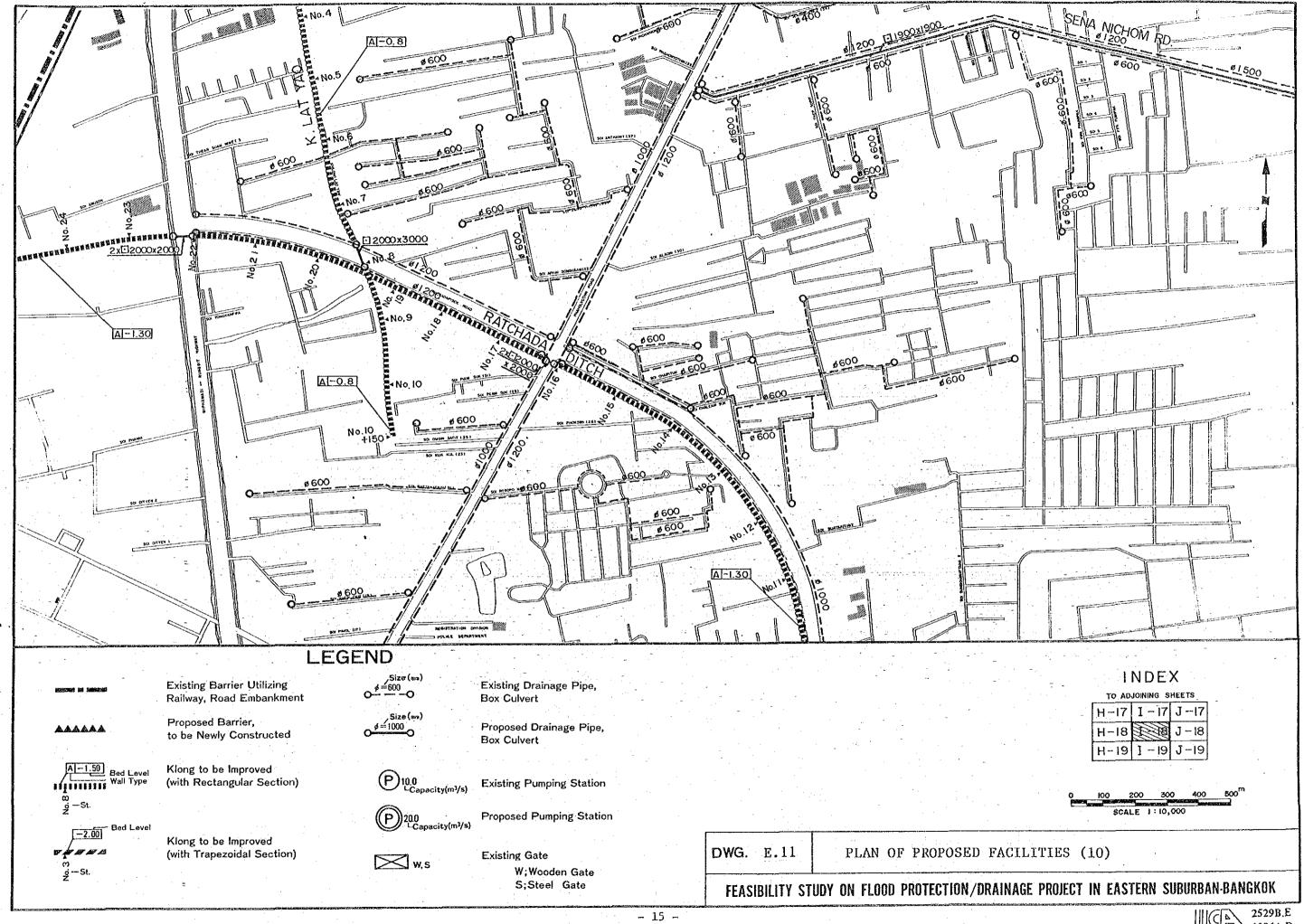
**Existing Gate** W; Wooden Gate

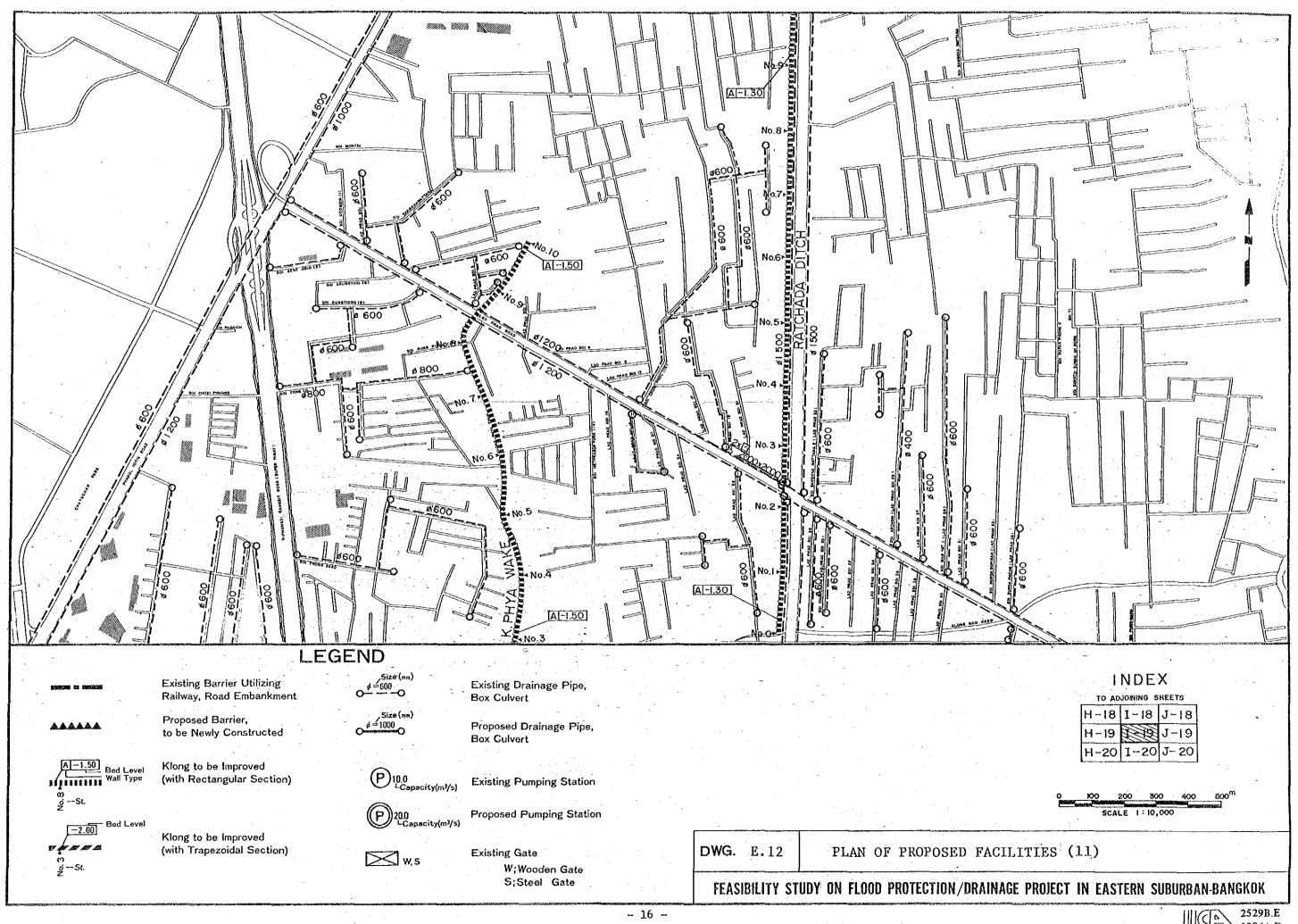
DWG. E.8

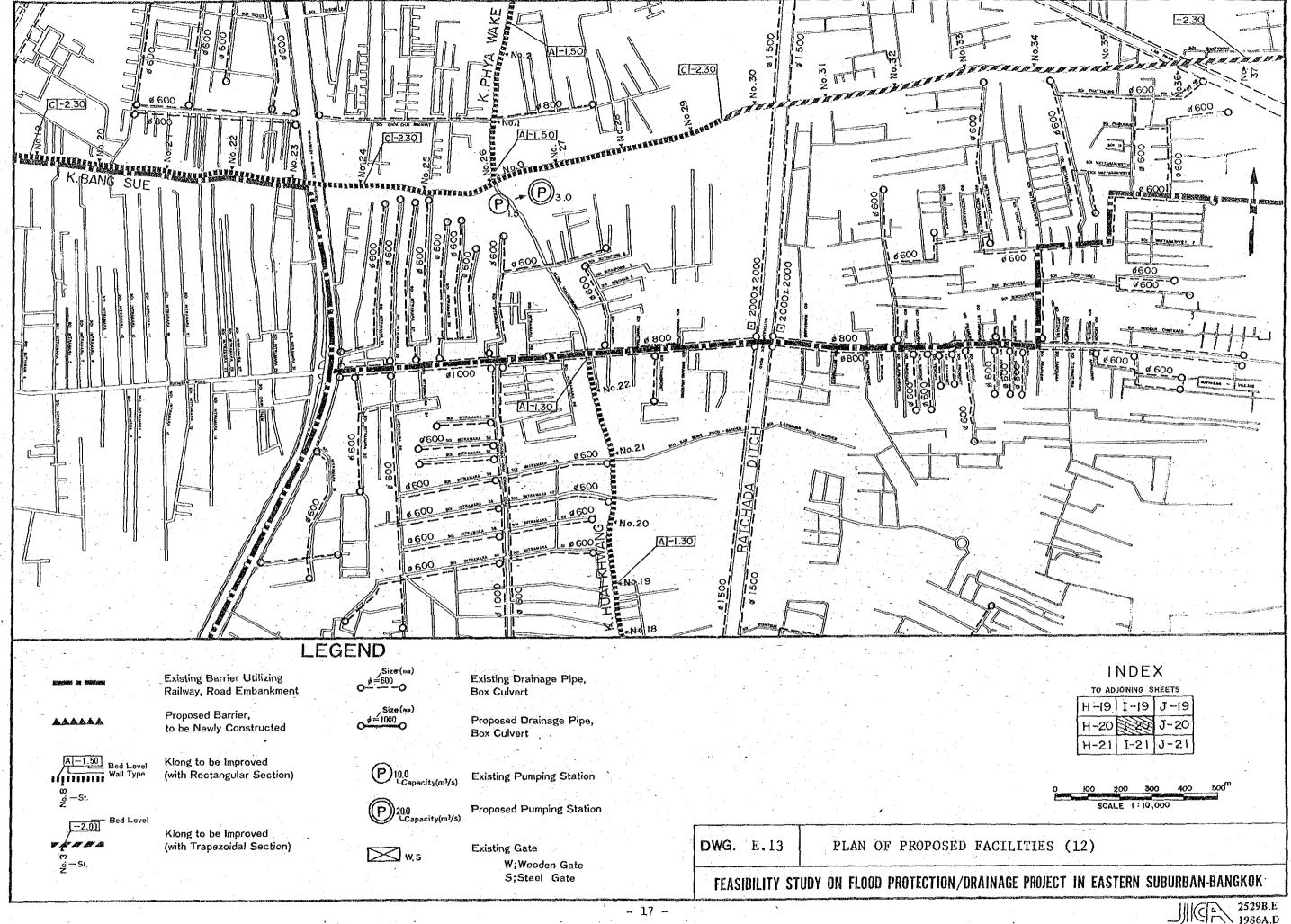
PLAN OF PROPOSED FACILITIES (7)

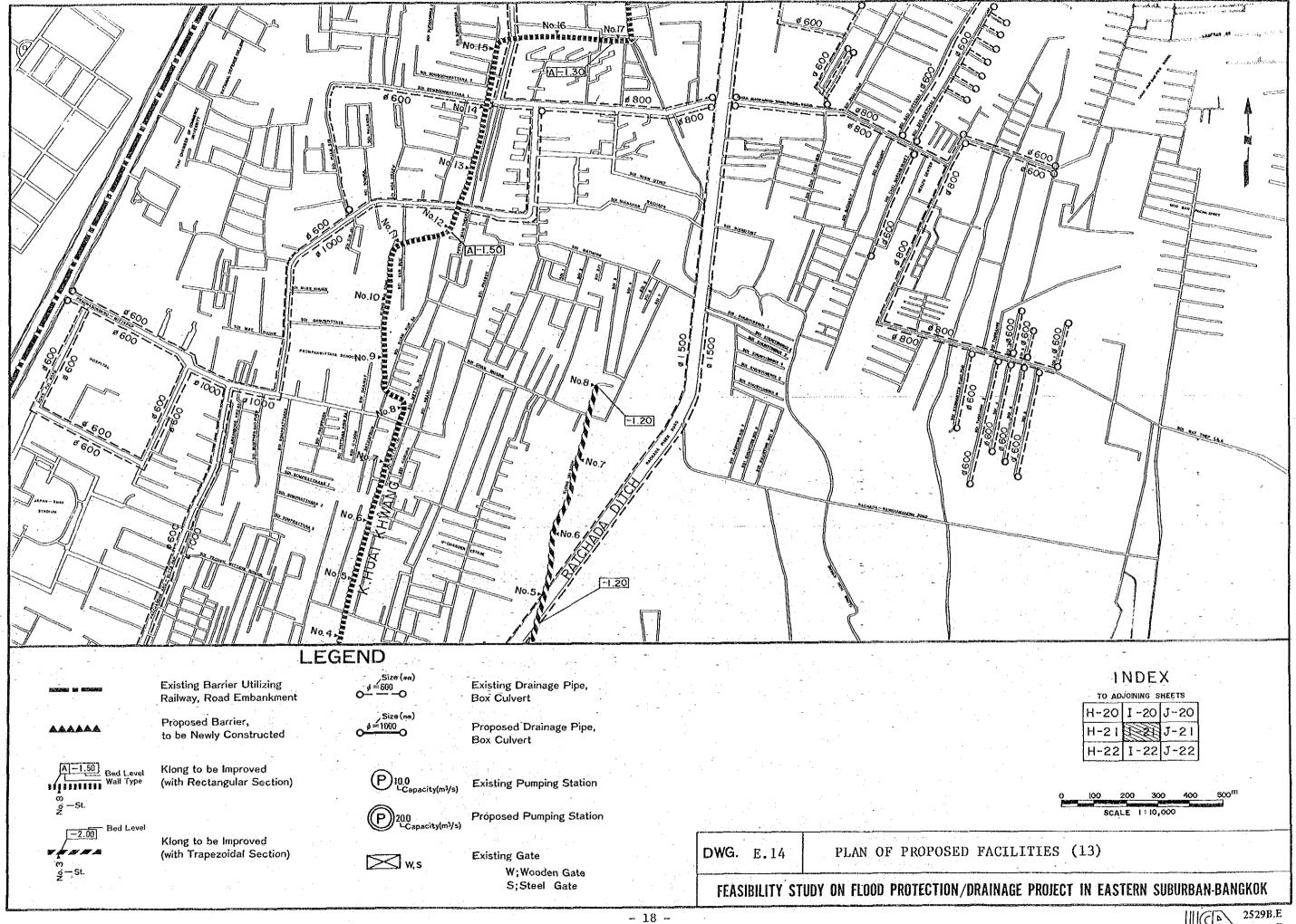


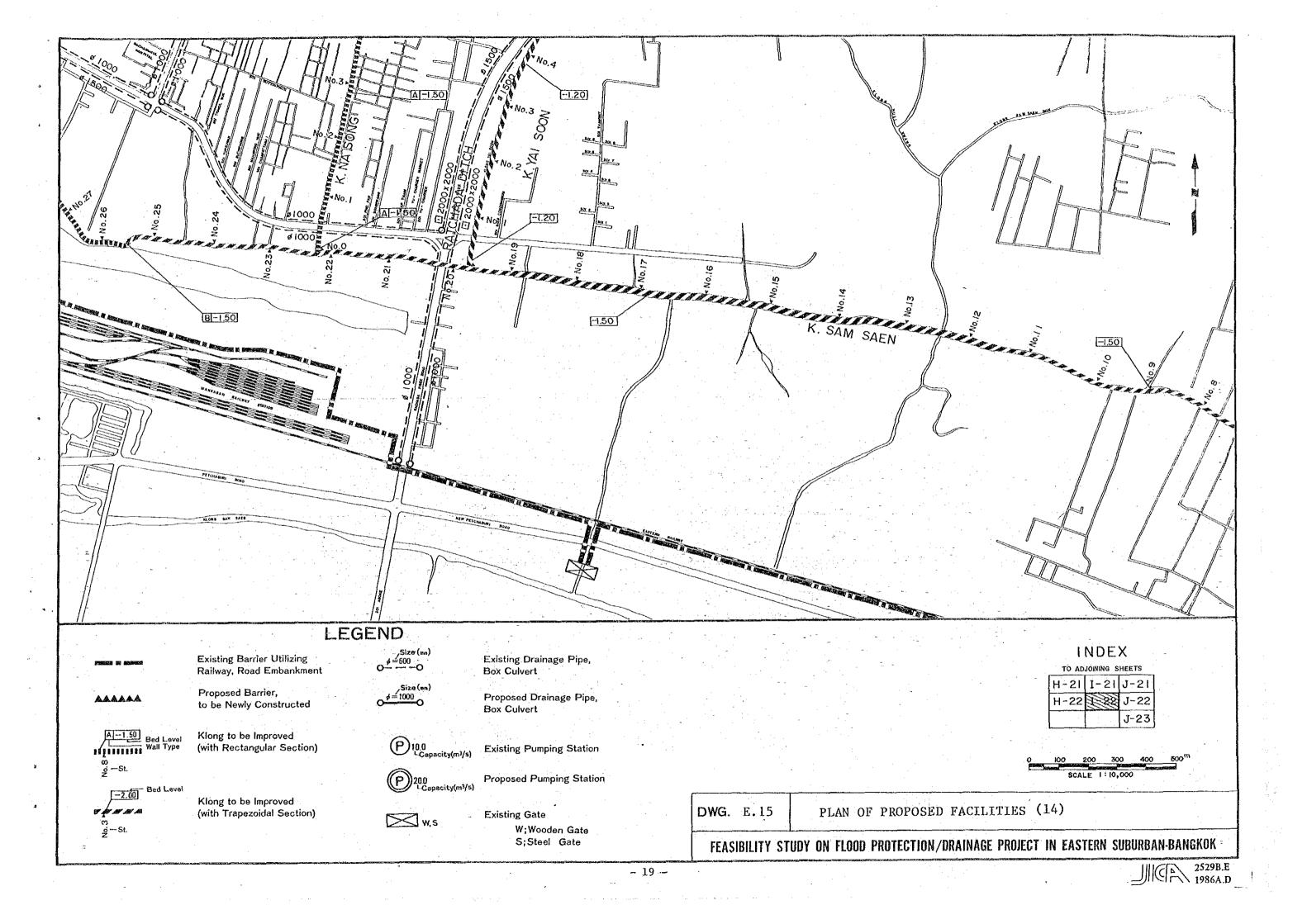


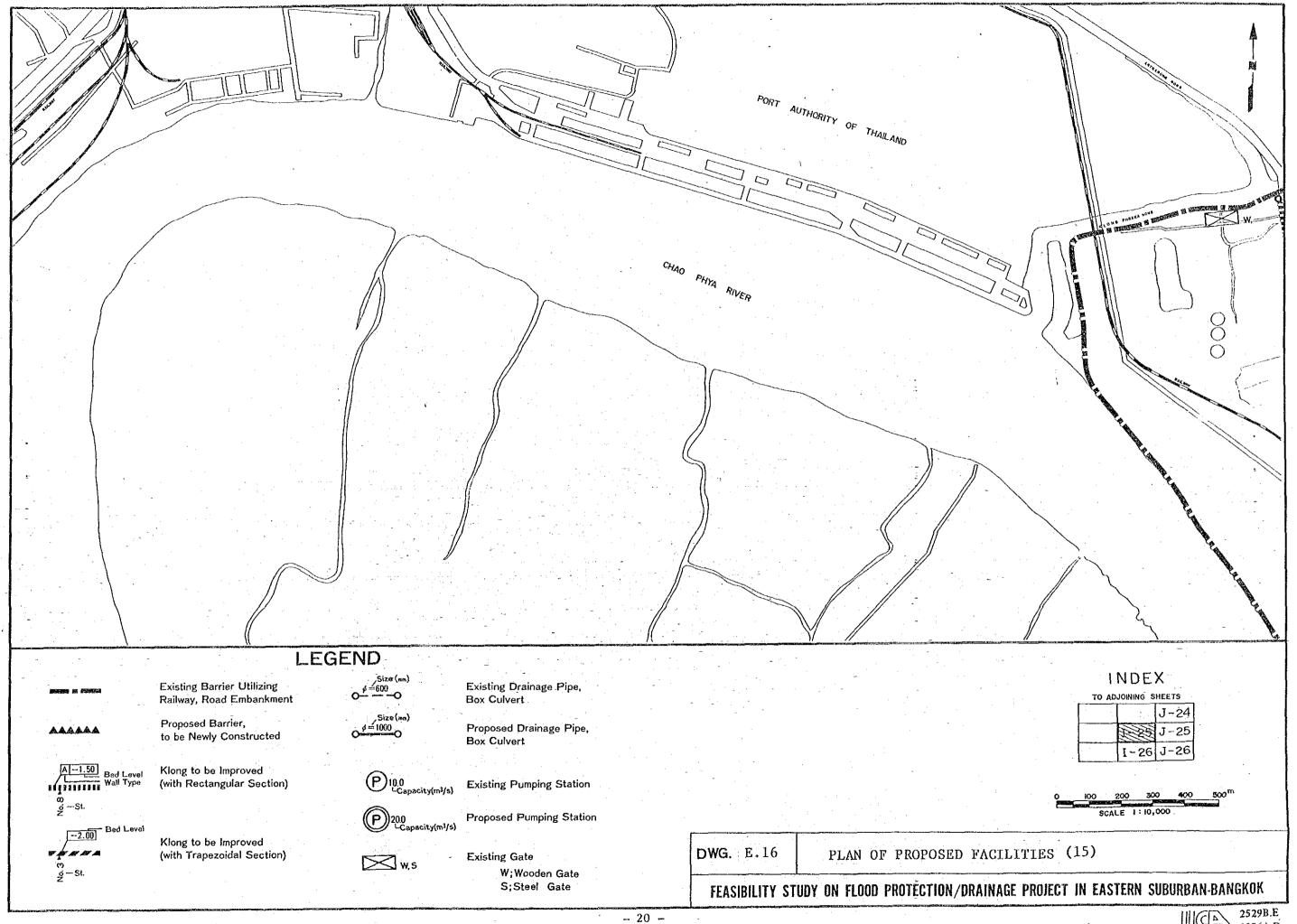


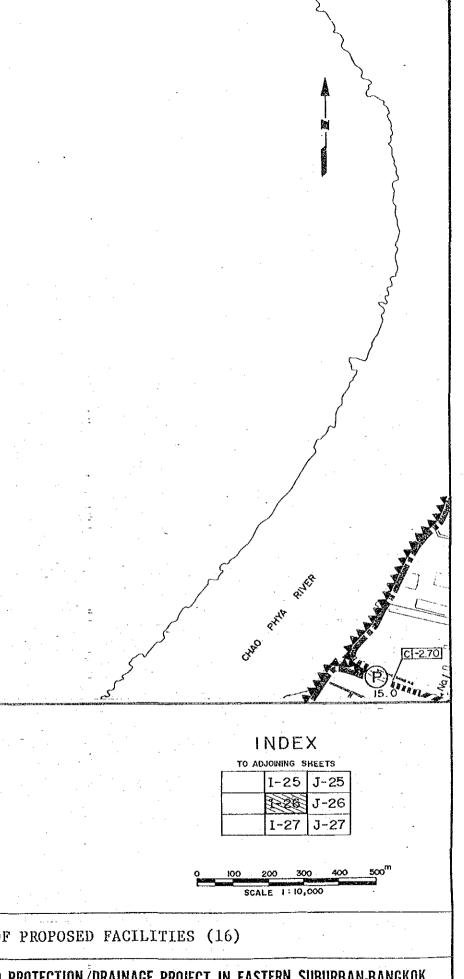












Existing Barrier Utilizing Railway, Road Embankment

A -1.50 Bed Level Wall Type

141111111 ο oʻ∽St.

Proposed Barrier, to be Newly Constructed

Klong to be Improved (with Rectangular Section)

Klong to be Improved

(with Trapezoidal Section)

Size (mm) 0 = 1000 0

Proposed Drainage Pipe, Box Culvert

Existing Drainage Pipe, Box Culvert

Existing Pumping Station



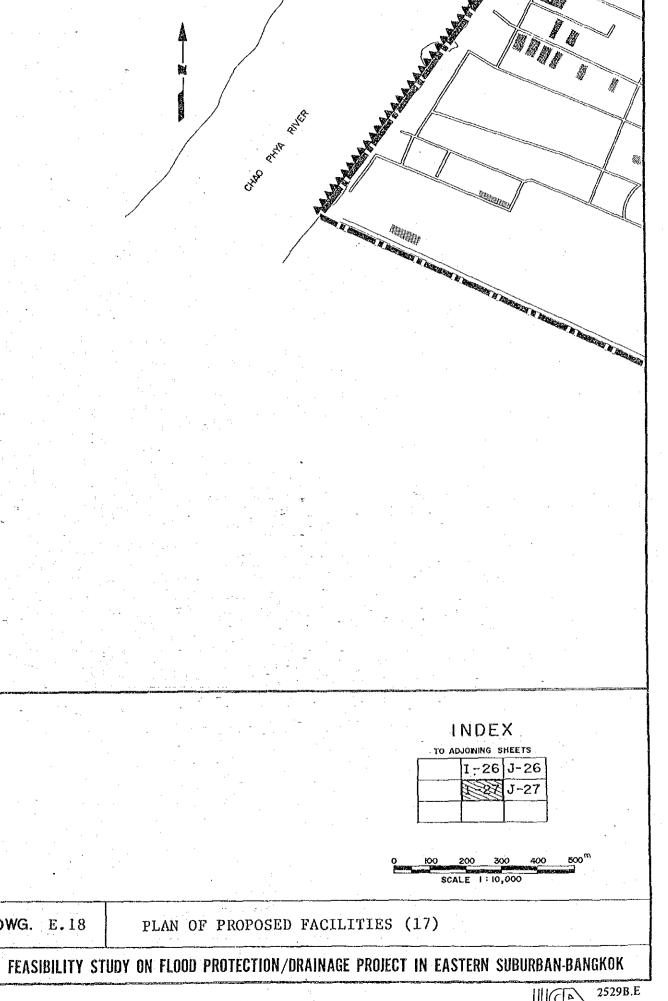
**Proposed Pumping Station** 

₩,s

**Existing Gate** W;Wooden Gate S;Steel Gate

DWG. E.17

PLAN OF PROPOSED FACILITIES (16)



Existing Barrier Utilizing Railway, Road Embankment

Size (mm) 0-600 O-O

Existing Drainage Pipe, Box Culvert

Proposed Barrier, to be Newly Constructed Size (ma) 0 = 1000 0

Proposed Drainage Pipe, Box Culvert

A -1.50 Bed Level Wall Type

Klong to be Improved (with Rectangular Section)

Existing Pumping Station

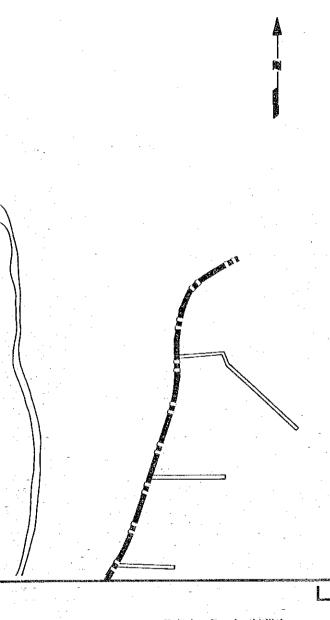
Proposed Pumping Station

Klong to be Improved (with Trapezoidal Section)

w,s

Existing Gate W; Wooden Gate S;Steel Gate

**DWG**. E.18



Existing Barrier Utilizing Railway, Road Embankment

Proposed Barrier, to be Newly Constructed

A -1.50 Bed Level Wall Type

Klong to be Improved (with Rectangular Section)

-2.00 Bed Level

Klong to be Improved (with Trapezoidal Section)

Size (mm)

Existing Drainage Pipe, Box Culvert

Size (má) 0 ≠=1000

Proposed Drainage Pipe, Box Culvert

Existing Pumping Station



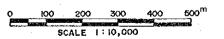
**Proposed Pumping Station** 



**Existing Gate** W; Wooden Gate S;Steel Gate

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1-17		
I-18	J-18	



DWG. E.19

PLAN OF PROPOSED FACILITIES (18)

