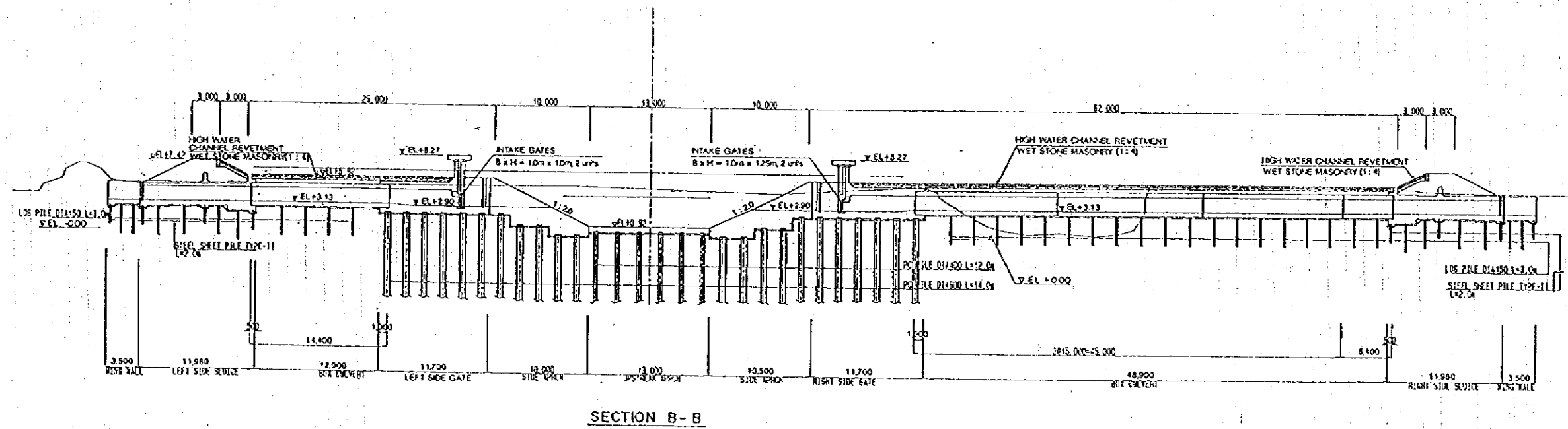
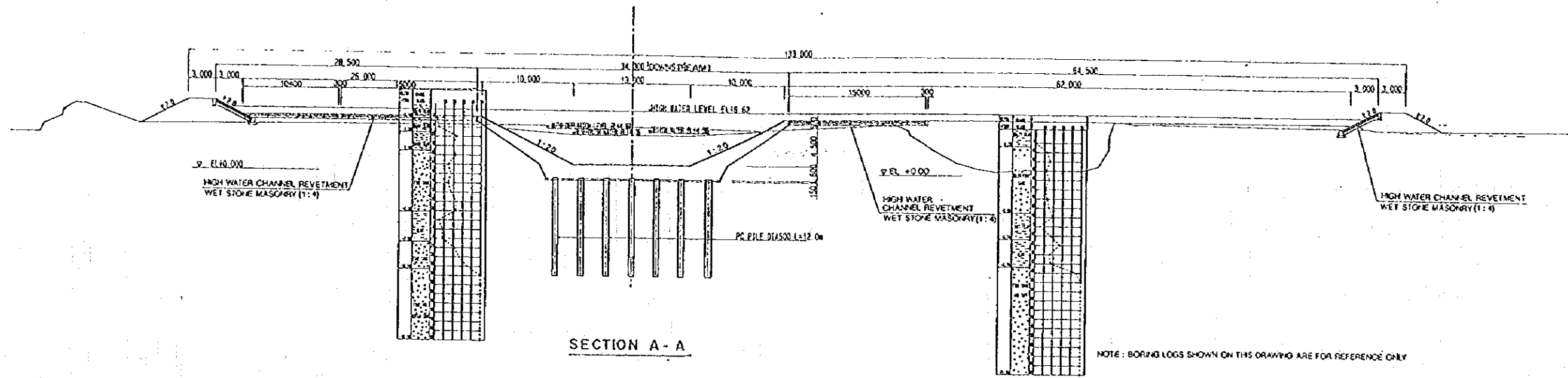
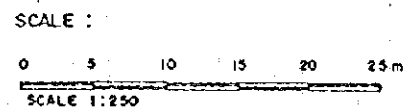


DETAILED DESIGN STUDY ON  
 MEDAN FLOOD CONTROL PROJECT  
 JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.21(1/3)  
 バ'ソ'・ル・外'ラ堤平面図



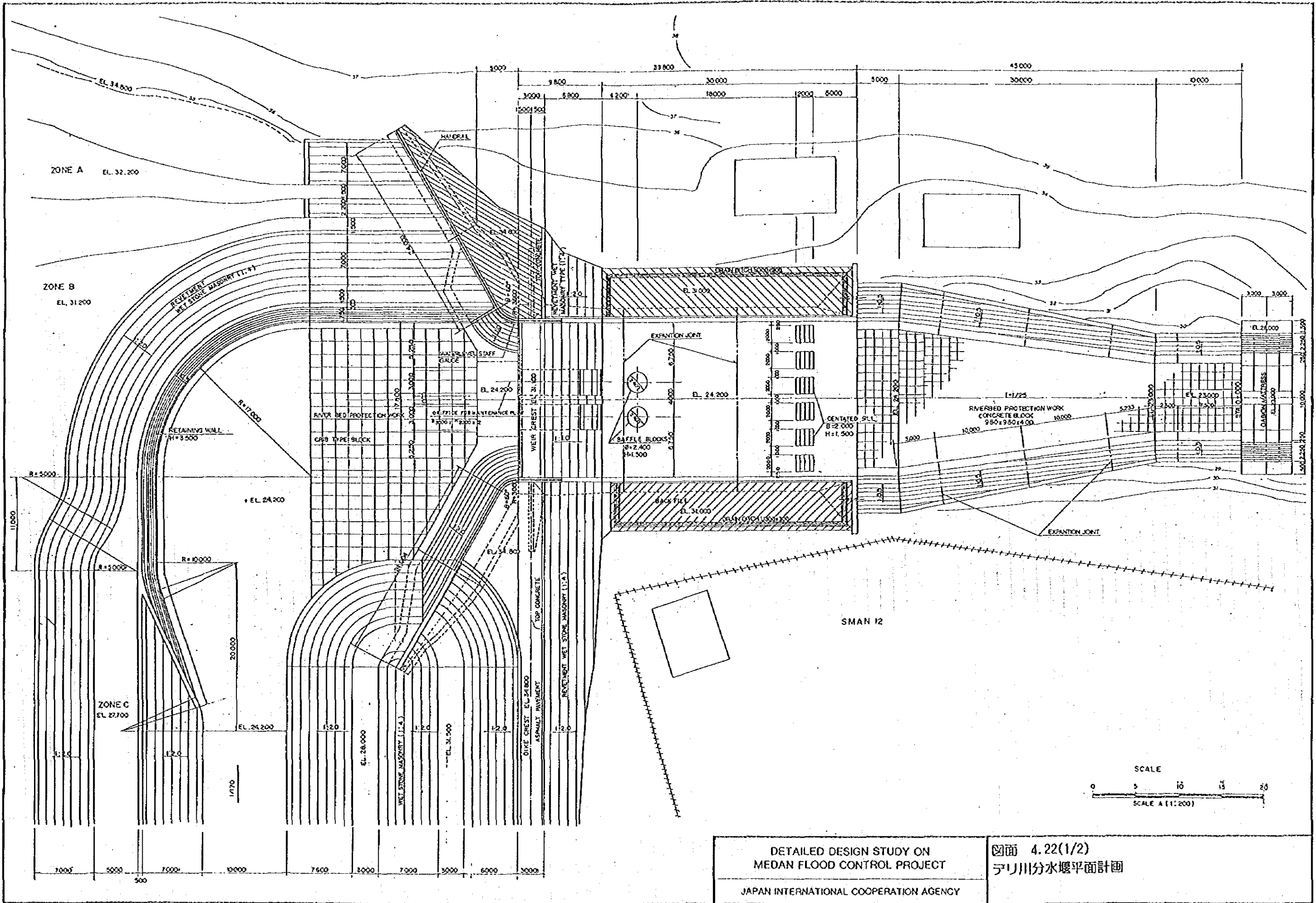
RUBBER DAM PROFILE AND SECTIONS(1/2)



DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

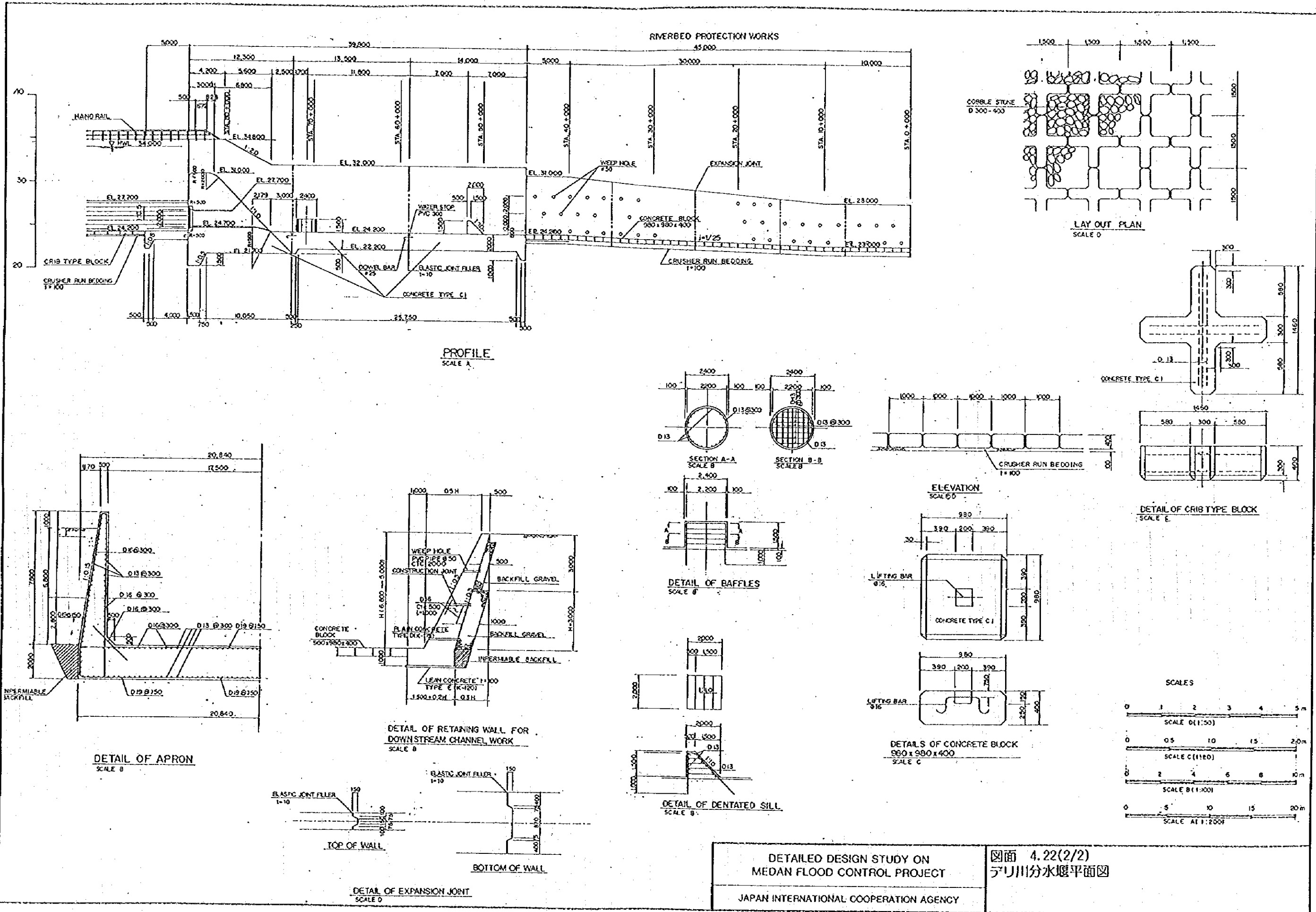
図面 4.21(2/3)  
パナール外ダム横断計画





DETAILED DESIGN STUDY ON  
 MEDAN FLOOD CONTROL PROJECT  
 JAPAN INTERNATIONAL COOPERATION AGENCY

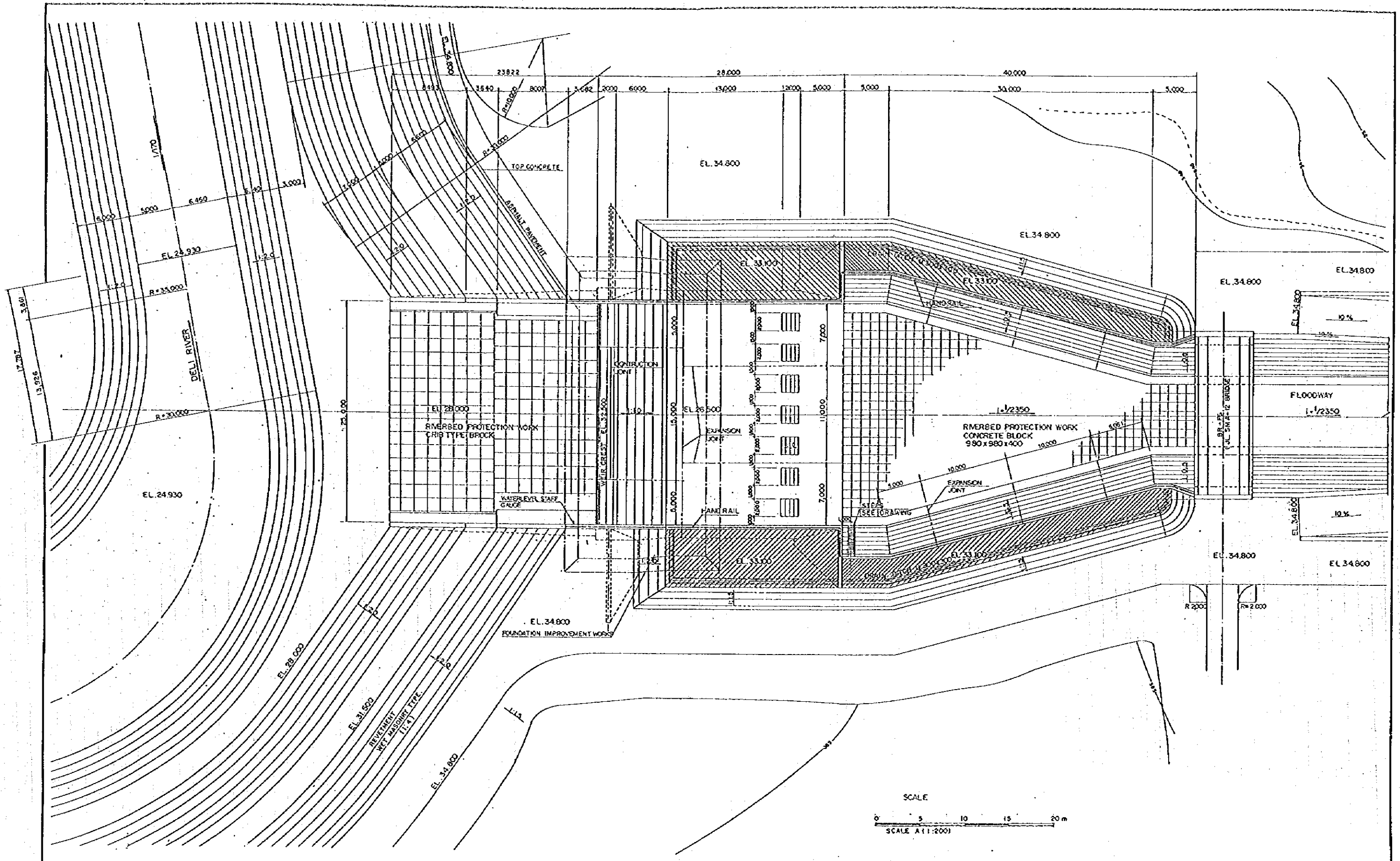
図面 4.22(1/2)  
 テリ川分水堰平面計画



DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT

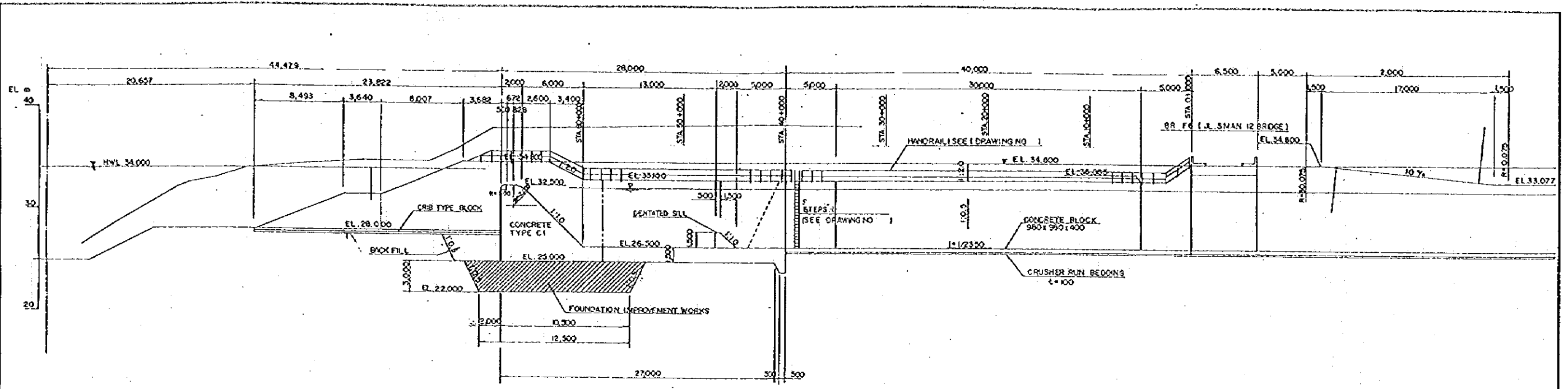
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.22(2/2)  
ナリ川分水堰平面図

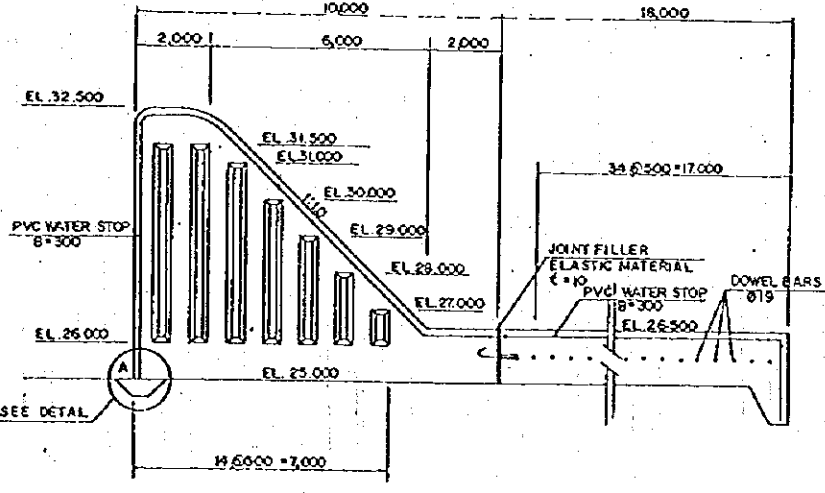


DETAILED DESIGN STUDY ON  
 MEDAN FLOOD CONTROL PROJECT  
 JAPAN INTERNATIONAL COOPERATION AGENCY

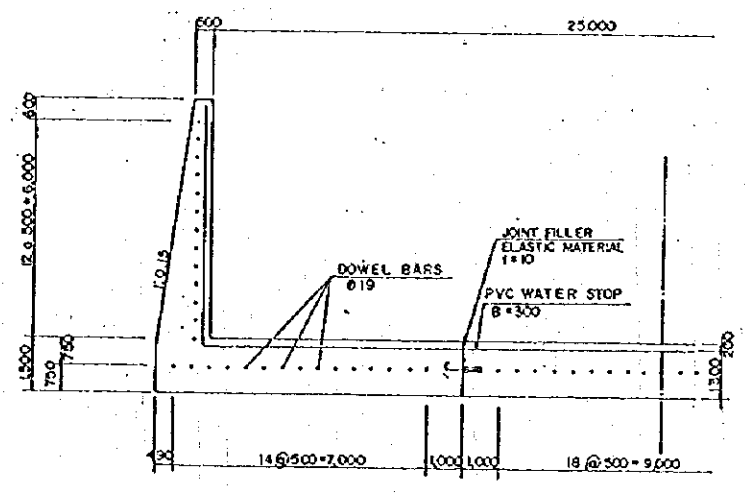
図面 4.23(1/2)  
 放水路分水堰平面計画



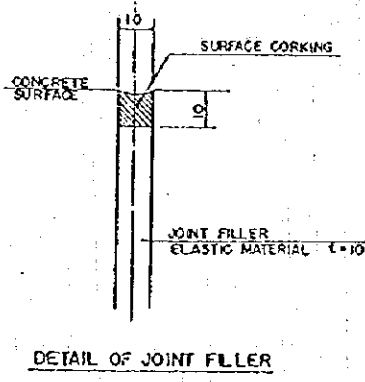
PLAN  
SCALE A



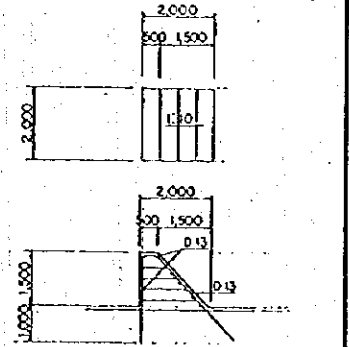
A - A  
KEY CONTRACTION JOINT & EXPANSION JOINT FOR APRON  
SCALE B



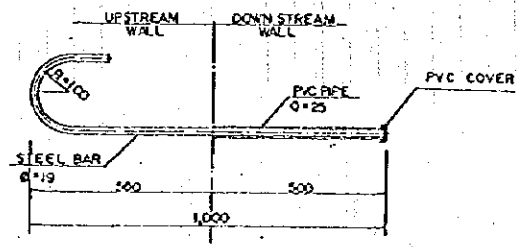
B - B  
EXPANSION JOINT FOR APRON  
SCALE B



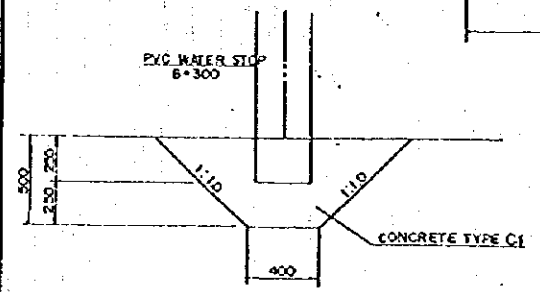
DETAIL OF JOINT FILLER



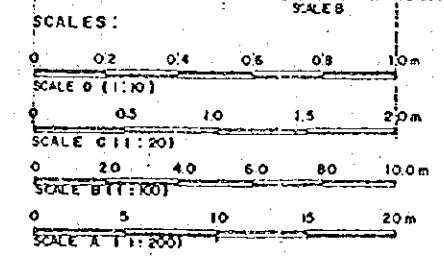
DETAIL OF DENTATED SILL  
SCALE C



DETAIL OF DOWEL BAR  
SCALE B



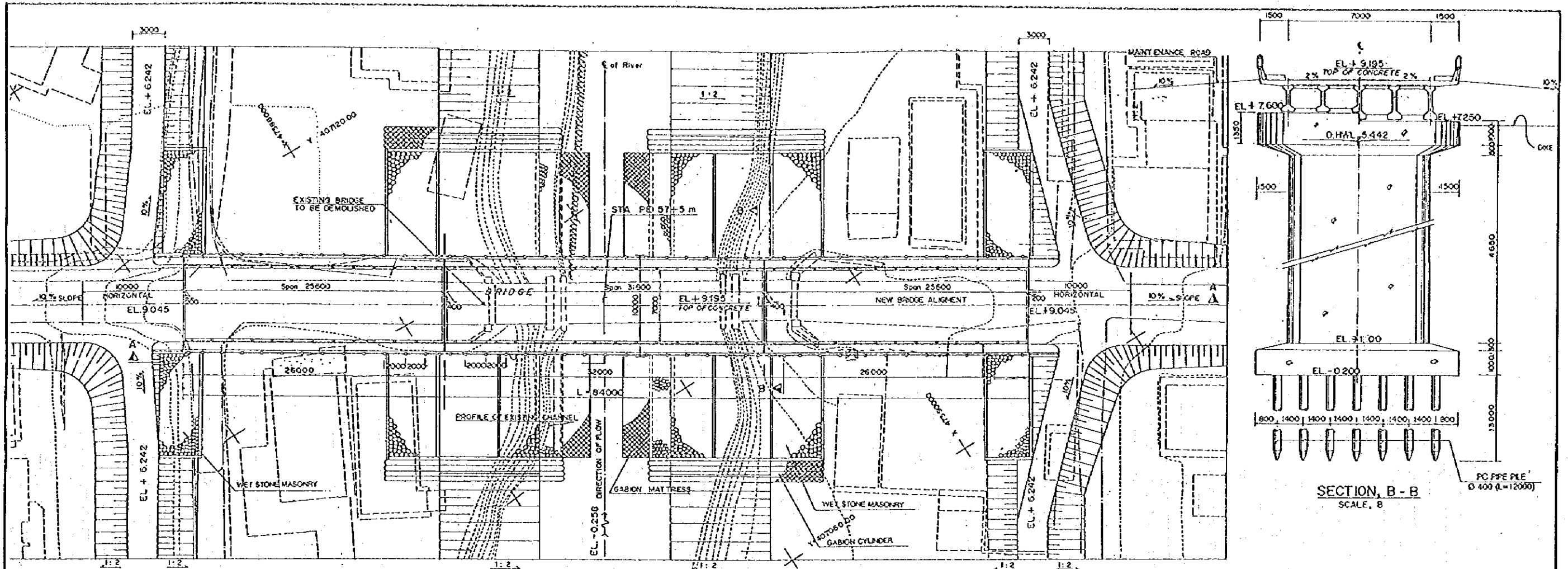
DETAIL A  
END OF WATER STOP  
SCALE C



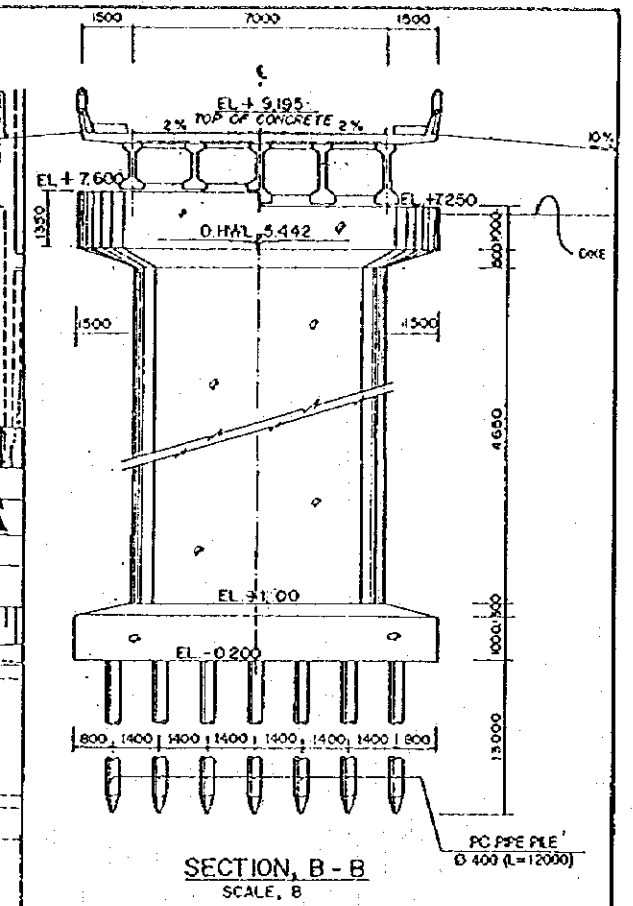
DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.23(2/2)  
放水路分水堰縦横断計画

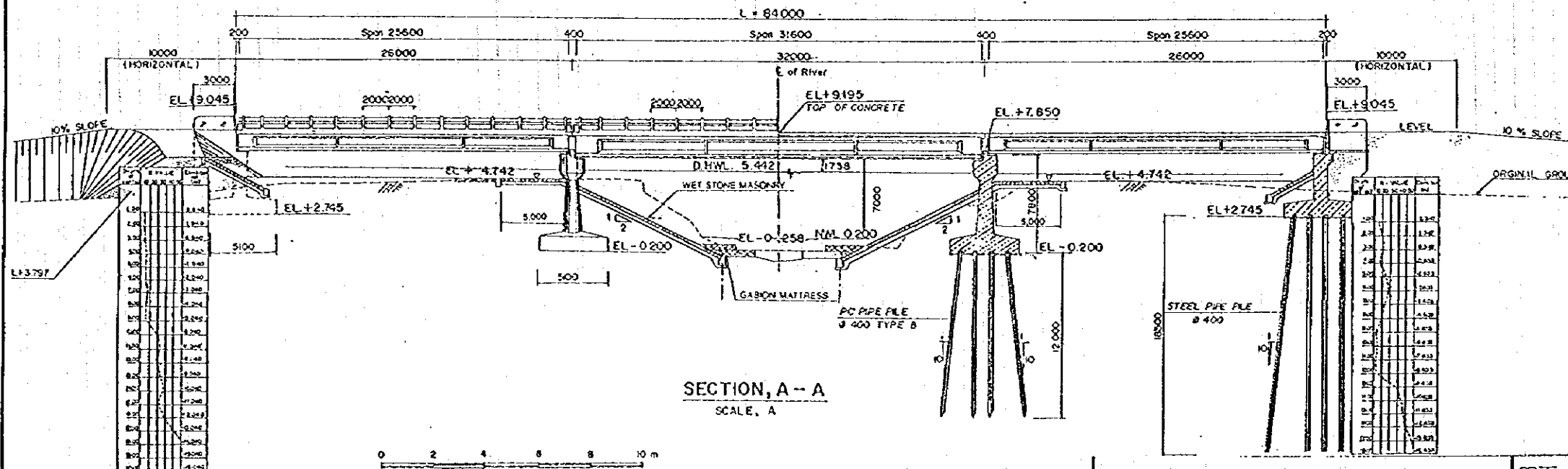




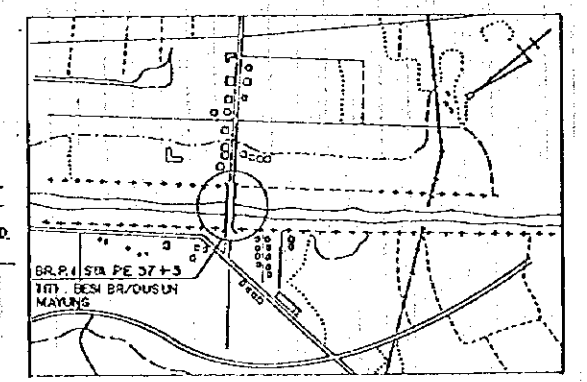
PLAN  
SCALE, A



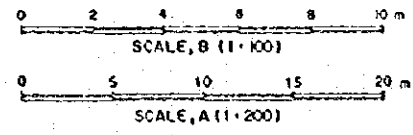
SECTION, B - B  
SCALE, B



SECTION, A - A  
SCALE, A



KEY PLAN  
NOT TO SCALE

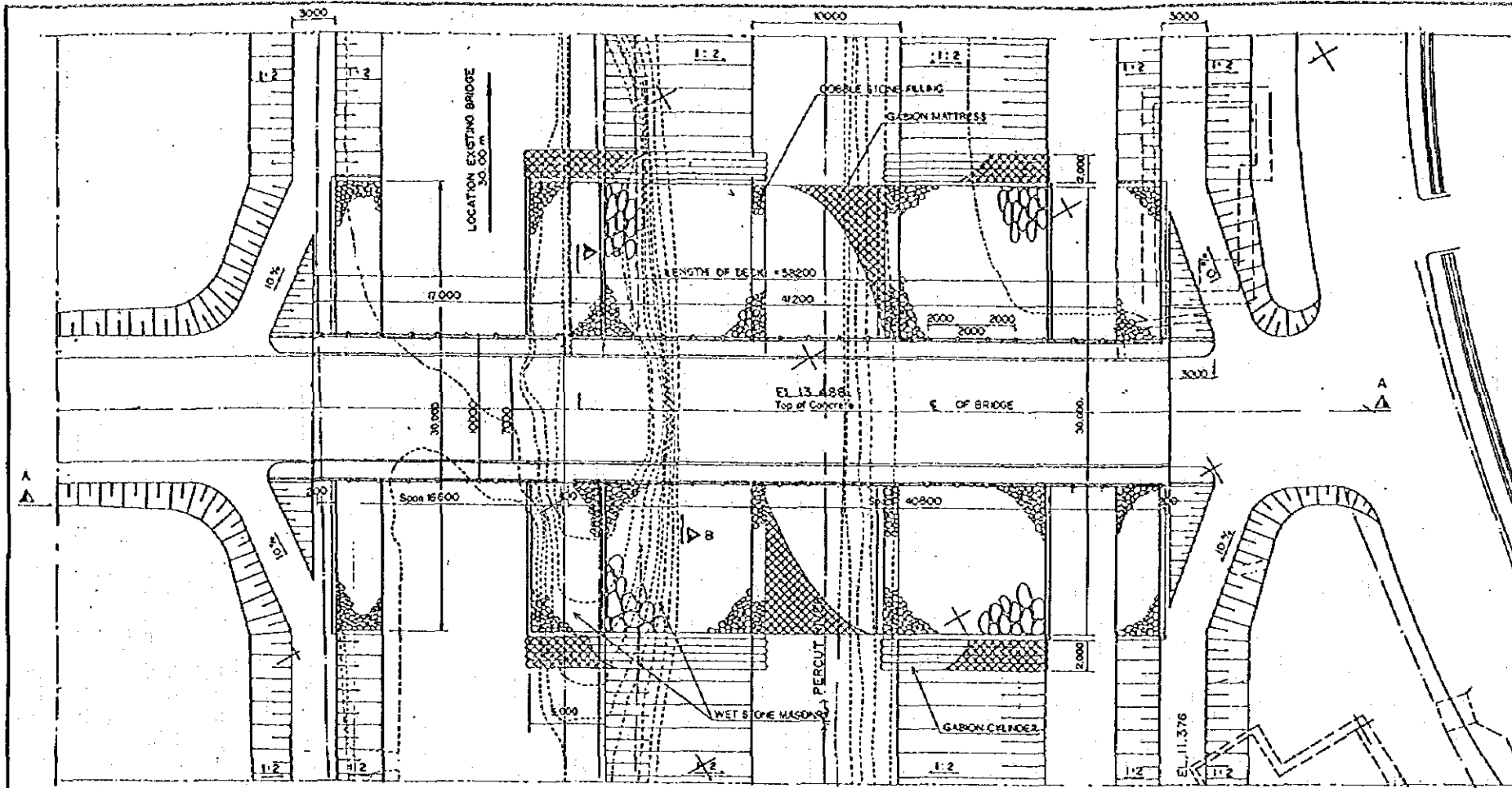


DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

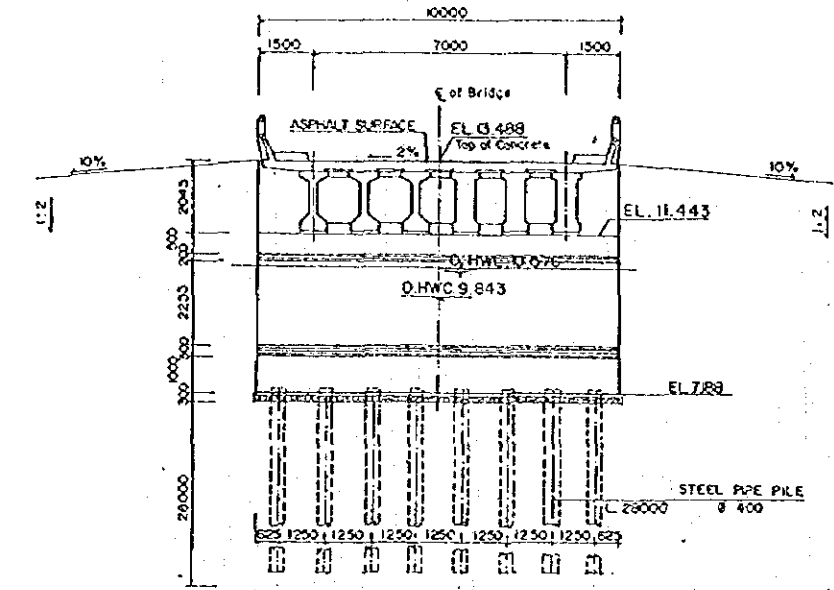
図面 4.24  
ティグン橋一般図 (P1)



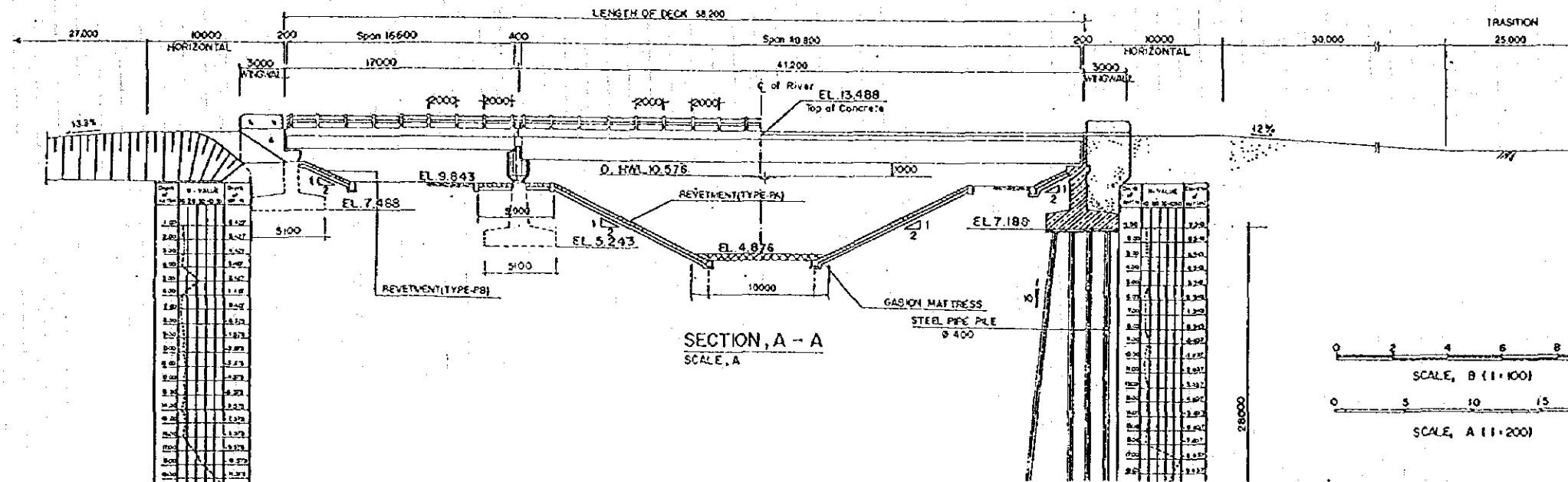




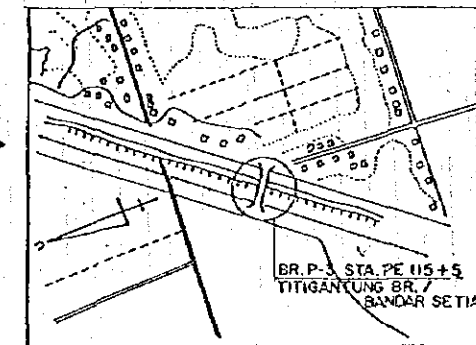
PLAN  
SCALE, A



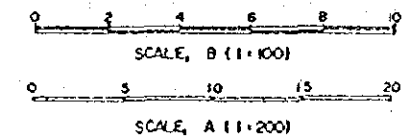
SECTION, B - B  
SCALE, B



SECTION, A - A  
SCALE, A

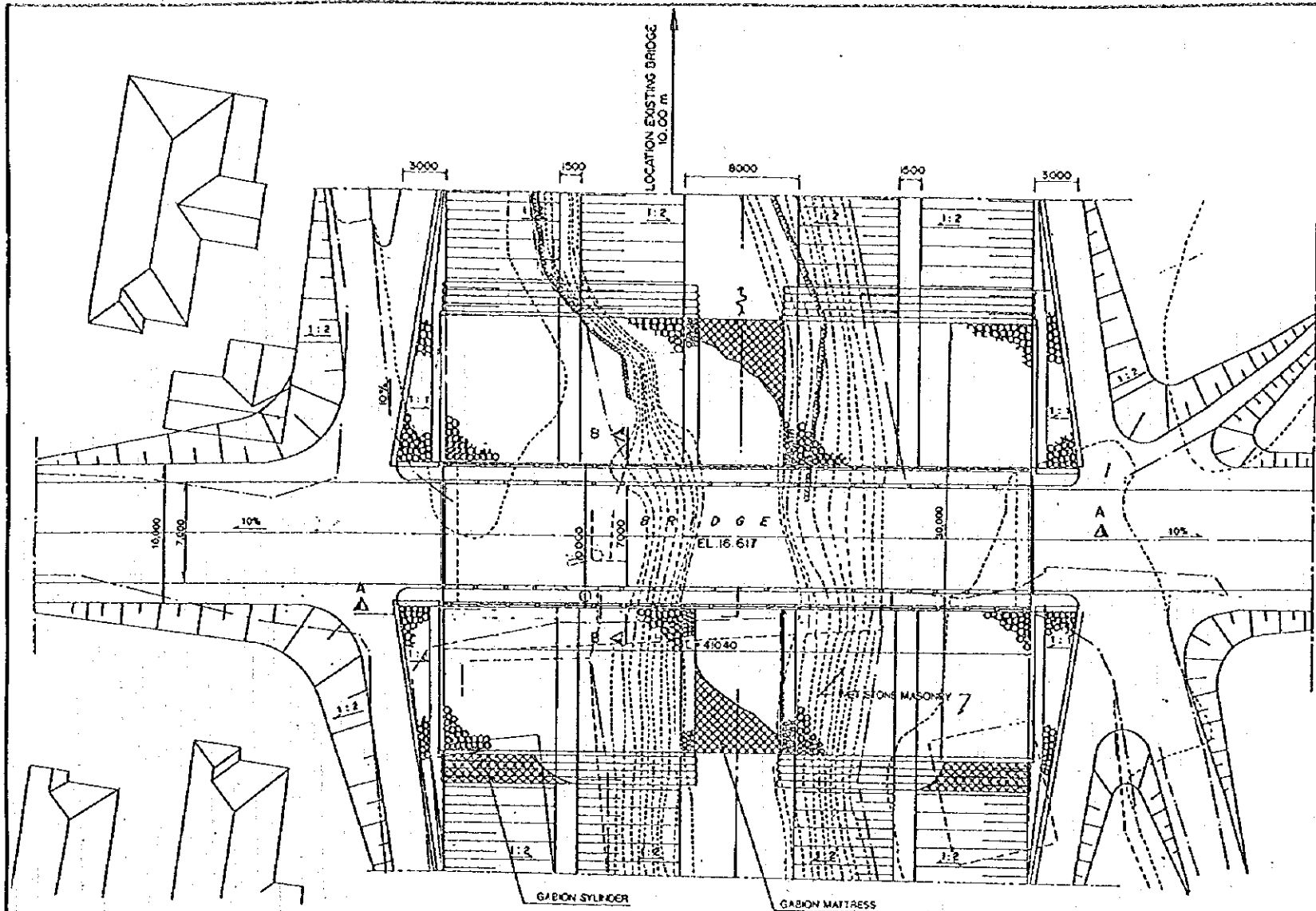


KEY PLAN  
NOT TO SCALE

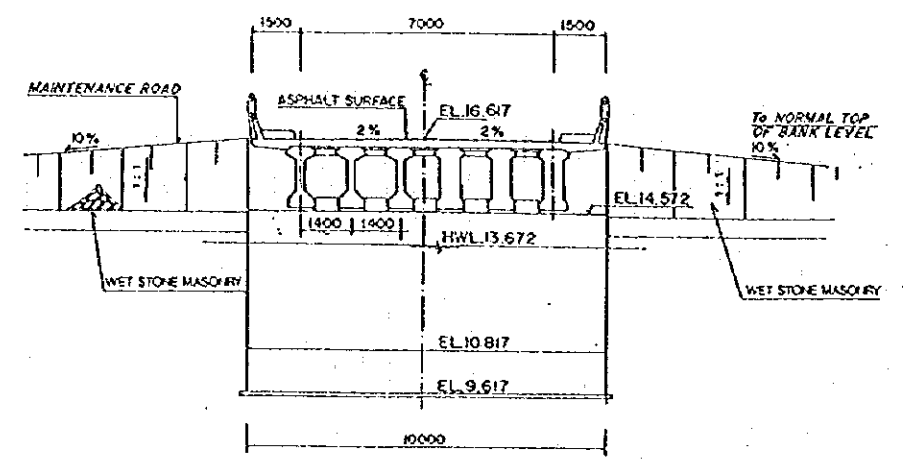


DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

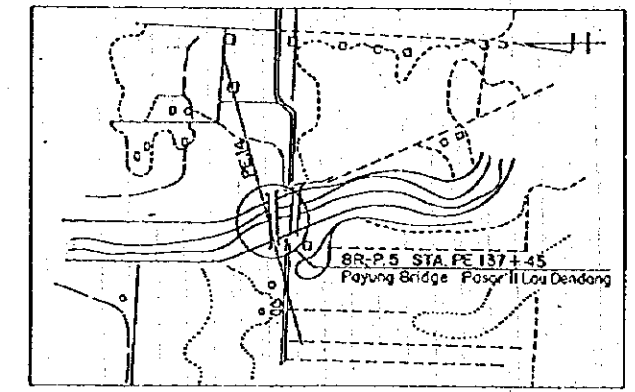
図面 4.26  
ティガン Lung 橋一般図 (P3)



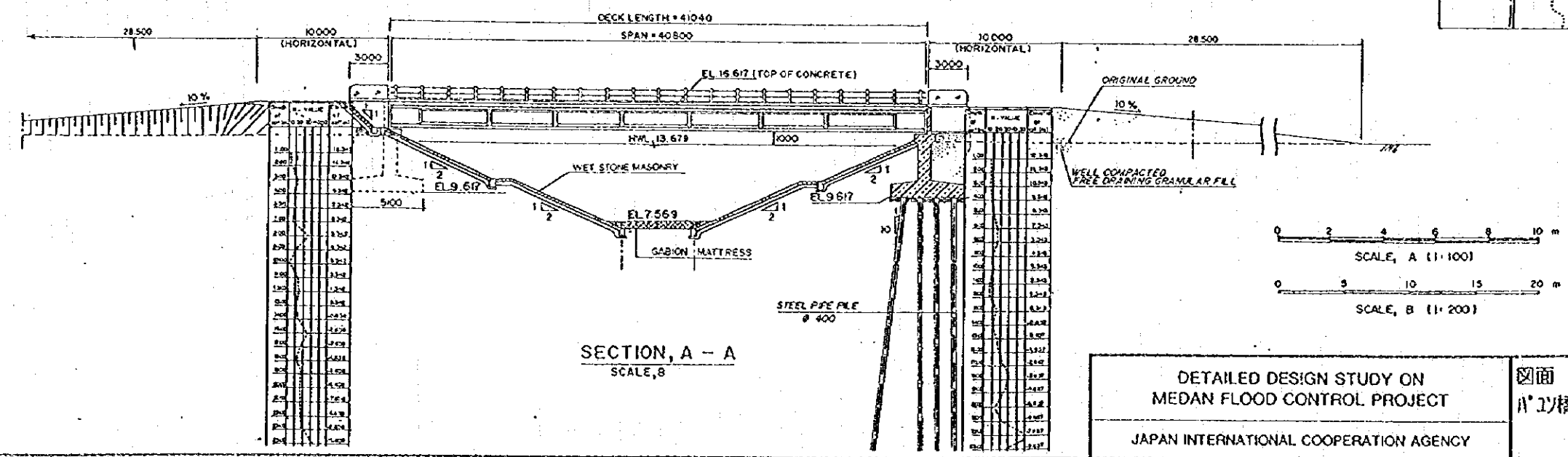
PLAN  
SCALE, B



SECTION, B - B  
SCALE, A



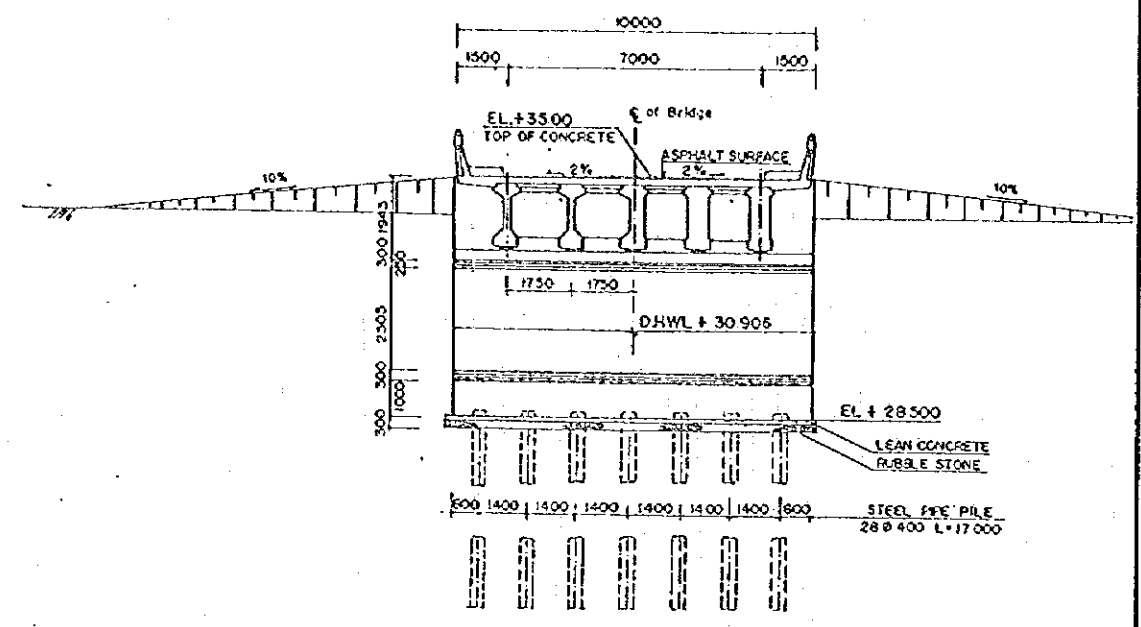
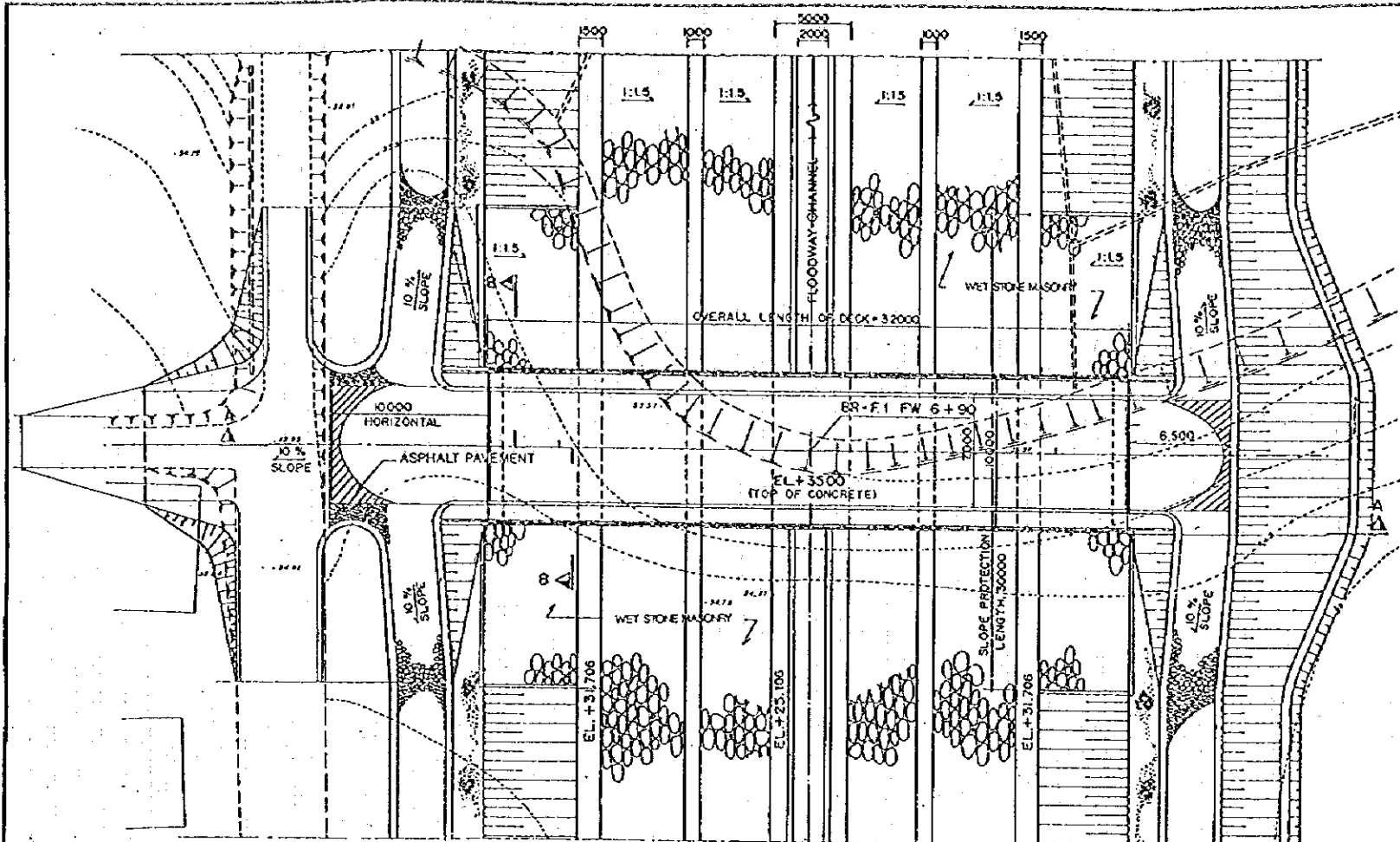
KEY PLAN  
NOT TO SCALE



SECTION, A - A  
SCALE, B

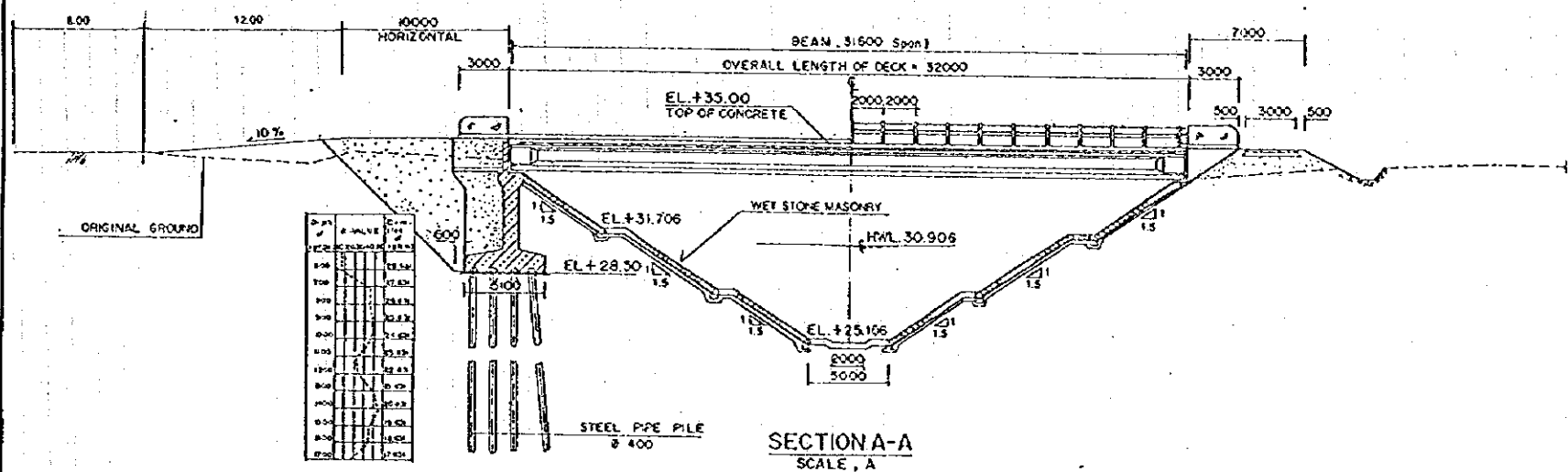
DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.27  
A'の橋一般図 (P5)

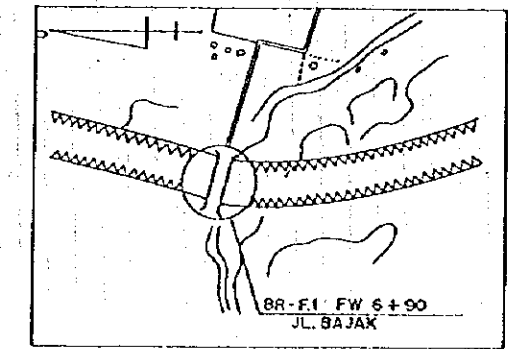


SECTION B-B  
SCALE, 8

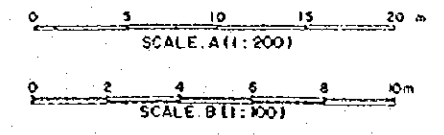
PLAN  
SCALE, A



SECTION A-A  
SCALE, A

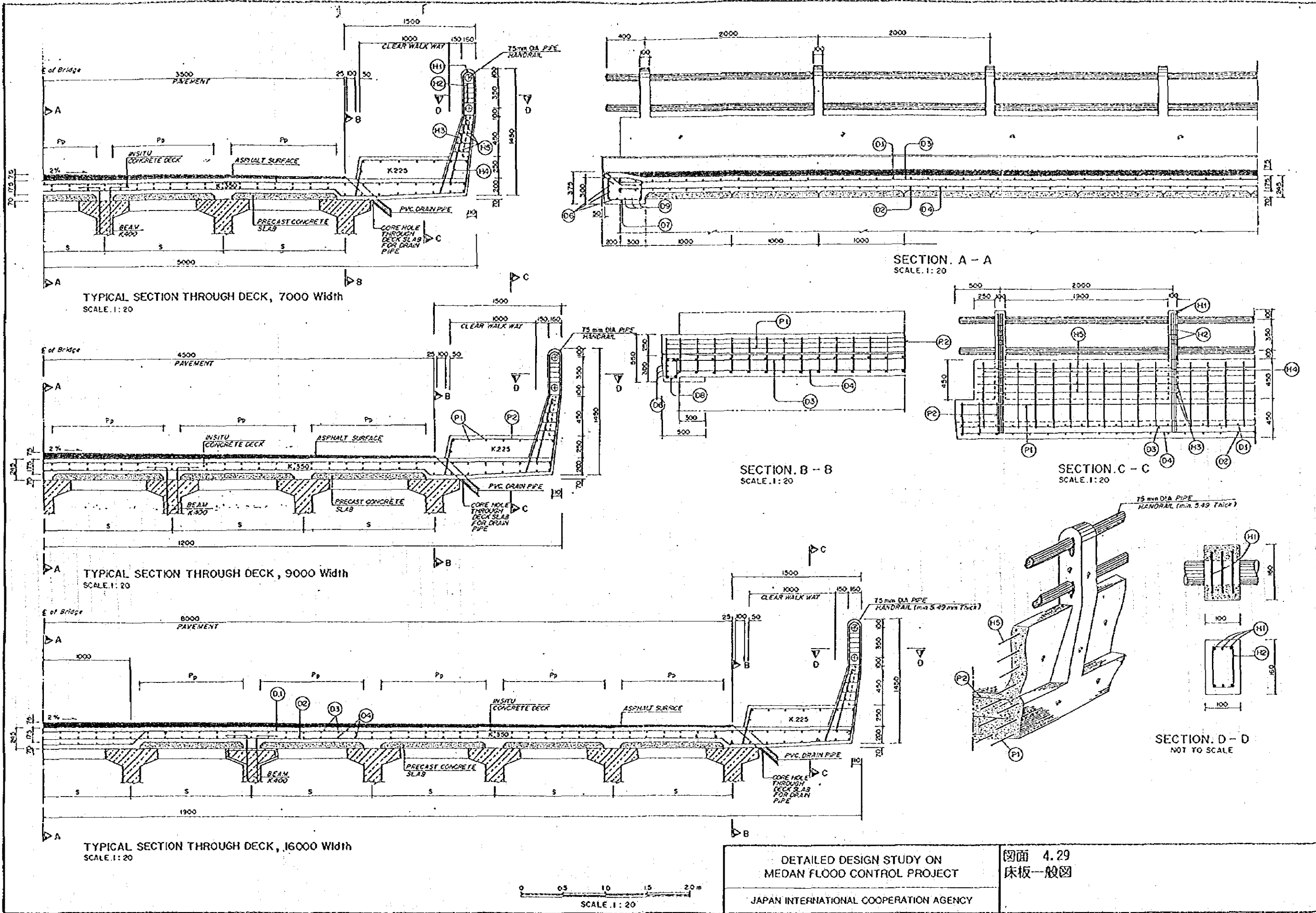


KEY PLAN  
NOT TO SCALE



DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.28  
バジヤック道路橋一般図 (F1)



TYPICAL SECTION THROUGH DECK, 7000 Width  
SCALE 1: 20

SECTION A - A  
SCALE 1: 20

TYPICAL SECTION THROUGH DECK, 9000 Width  
SCALE 1: 20

SECTION B - B  
SCALE 1: 20

SECTION C - C  
SCALE 1: 20

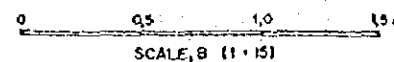
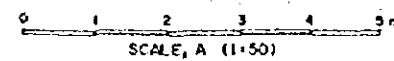
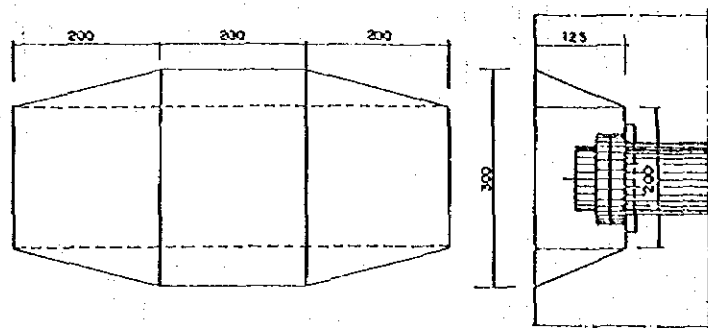
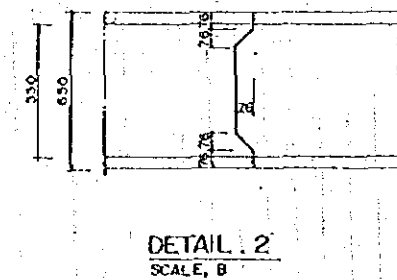
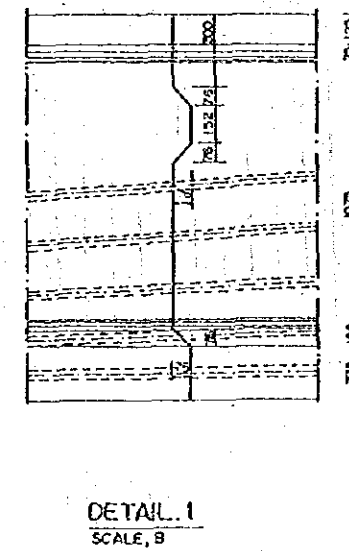
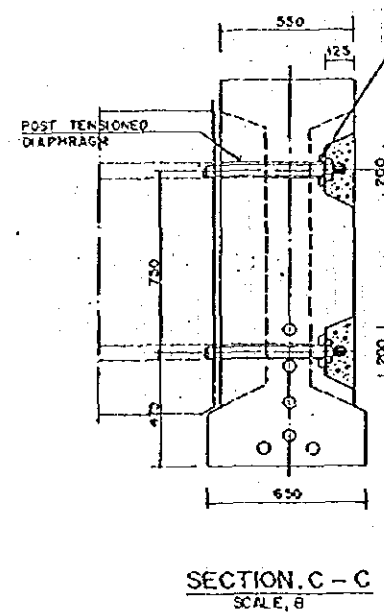
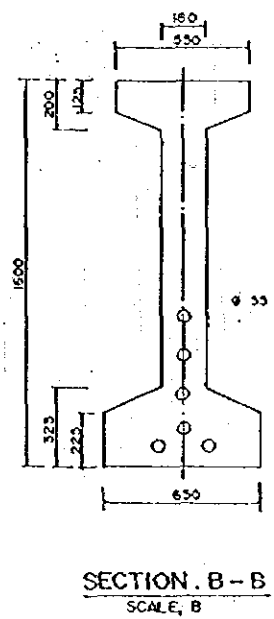
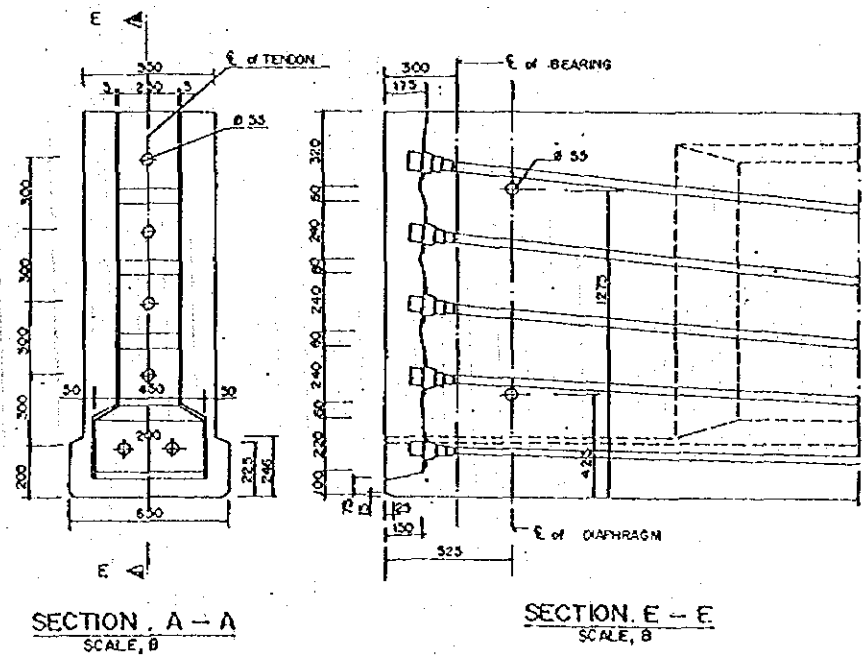
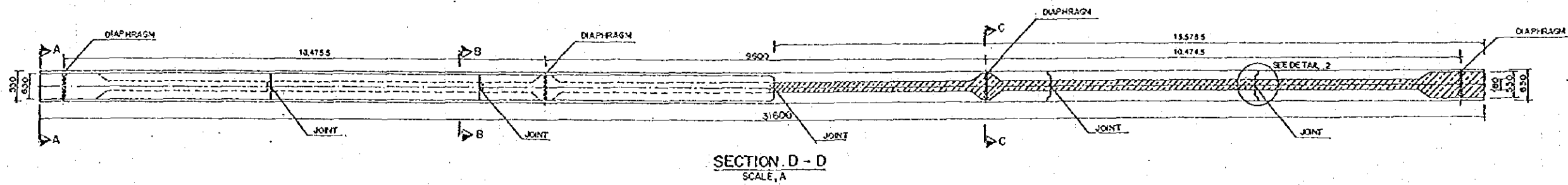
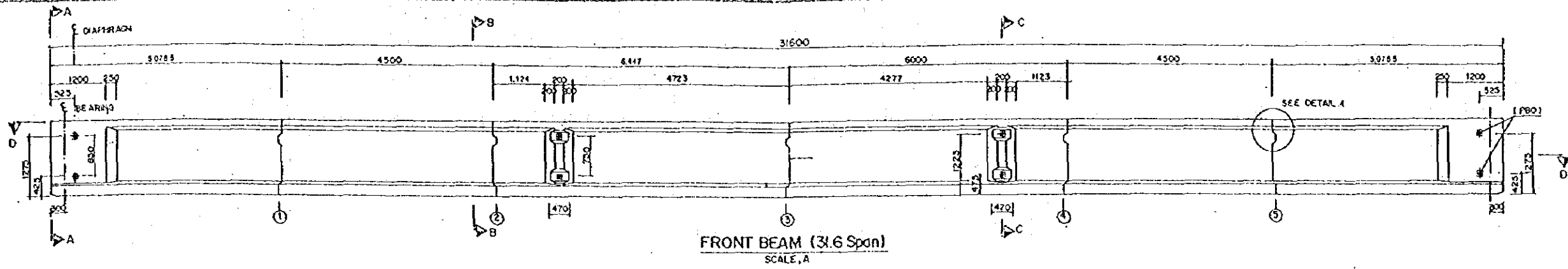
TYPICAL SECTION THROUGH DECK, 16000 Width  
SCALE 1: 20

SECTION D - D  
NOT TO SCALE

0 0.5 1.0 1.5 2.0 m  
SCALE 1: 20

DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.29  
床板一般図



DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT

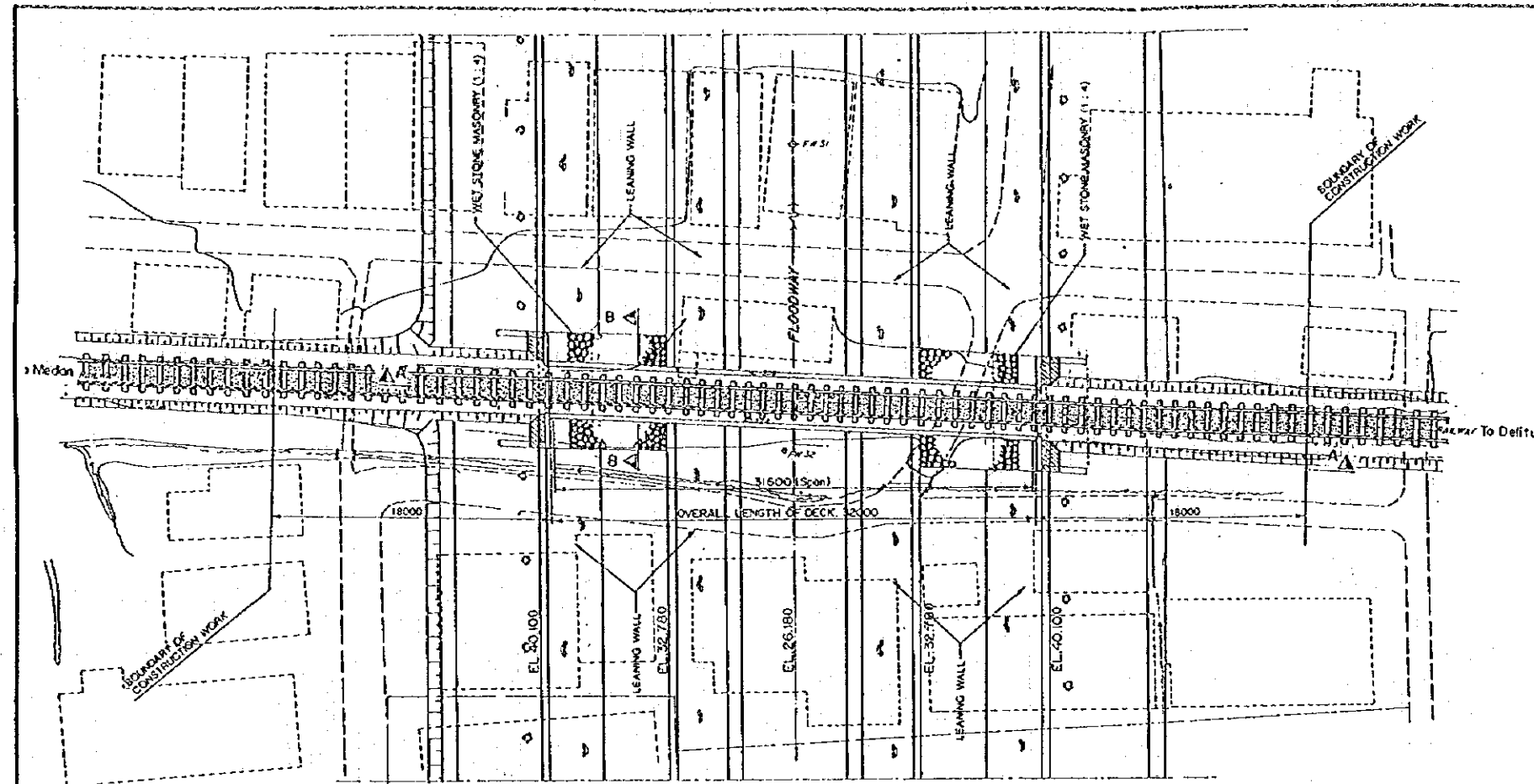
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.30  
PC-桁橋標準図 (L=31.6m)

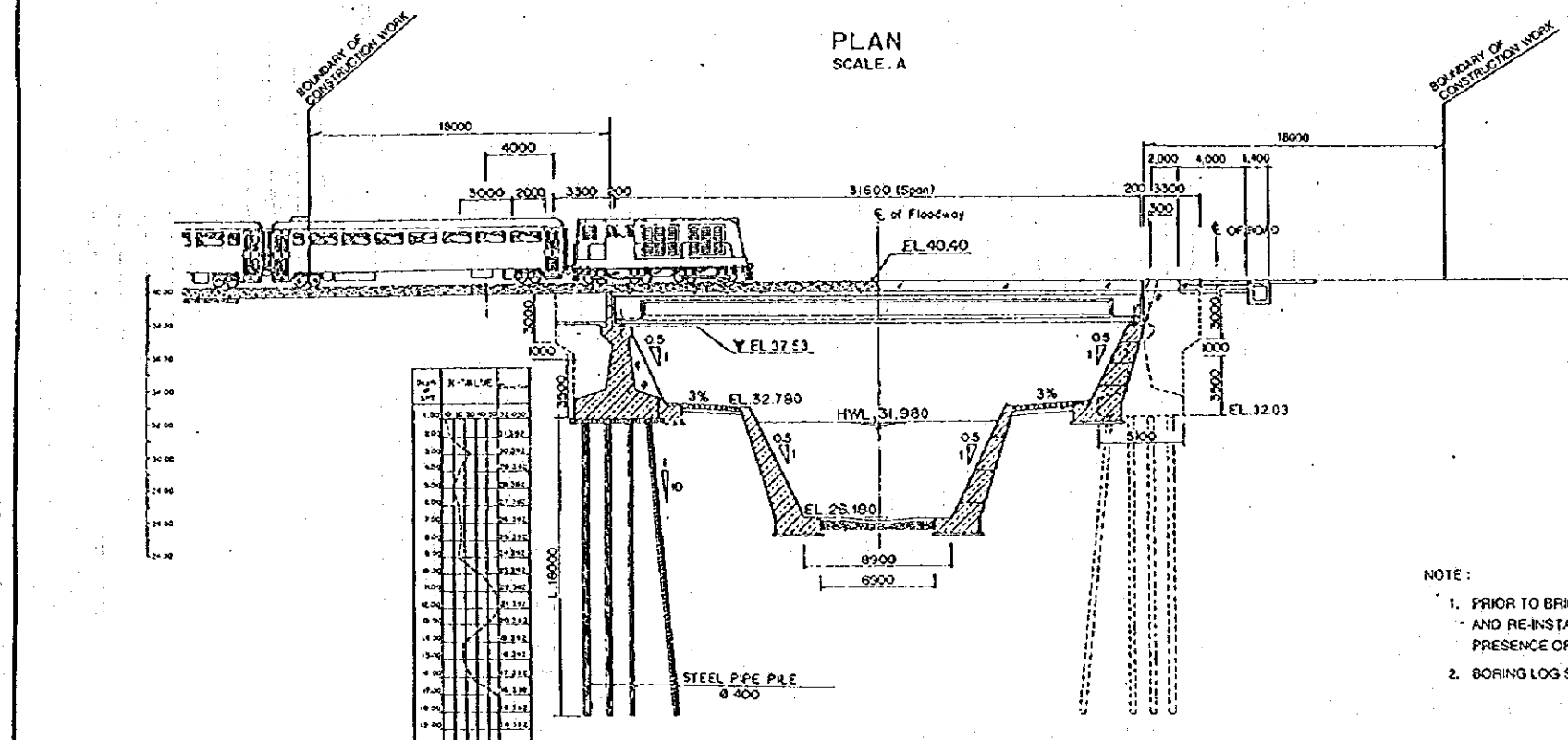




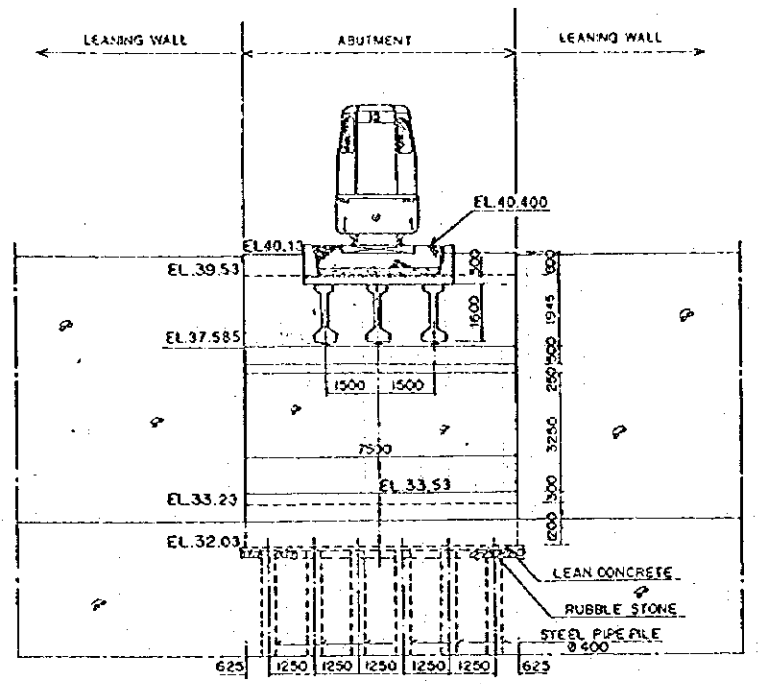




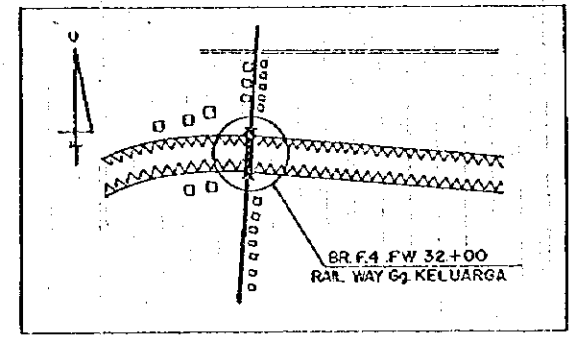
PLAN  
SCALE A



SECTION A-A  
SCALE A



SECTION B-B  
SCALE B



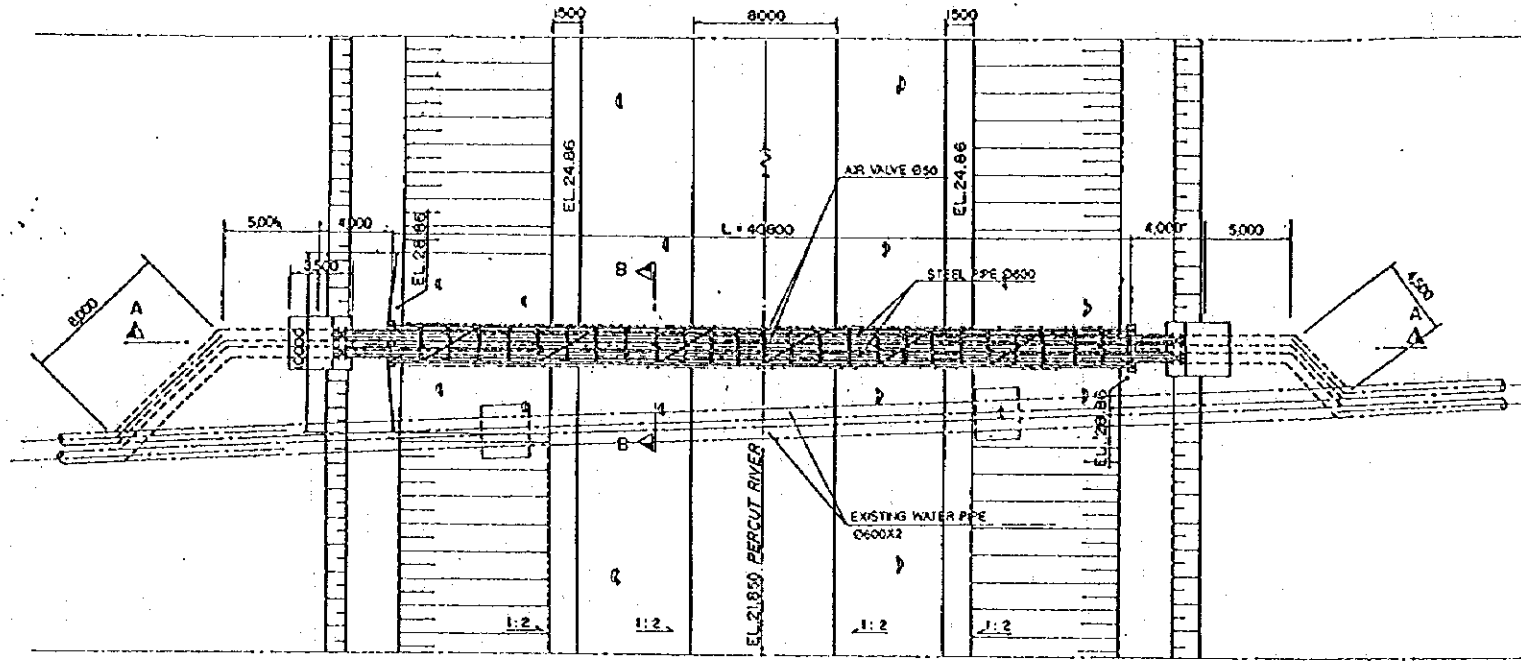
KEY PLAN  
NOT TO SCALE

- NOTE:
1. PRIOR TO BRIDGE WORK, THE EXISTING RAILS IN THE AREA DESIGNATED AND SHOWN ON THE DRAWING SHALL BE REMOVED, AND RE-INSTALLED ON THE BALLASTED FLOOR OF THE NEWLY BUILT BRIDGE. THE WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OF P.J.K.A. (PERUSAHAAN JAWATAN KERETA API).
  2. BORING LOG SHOWN ON THIS DRAWING IS FOR REFERENCE ONLY.

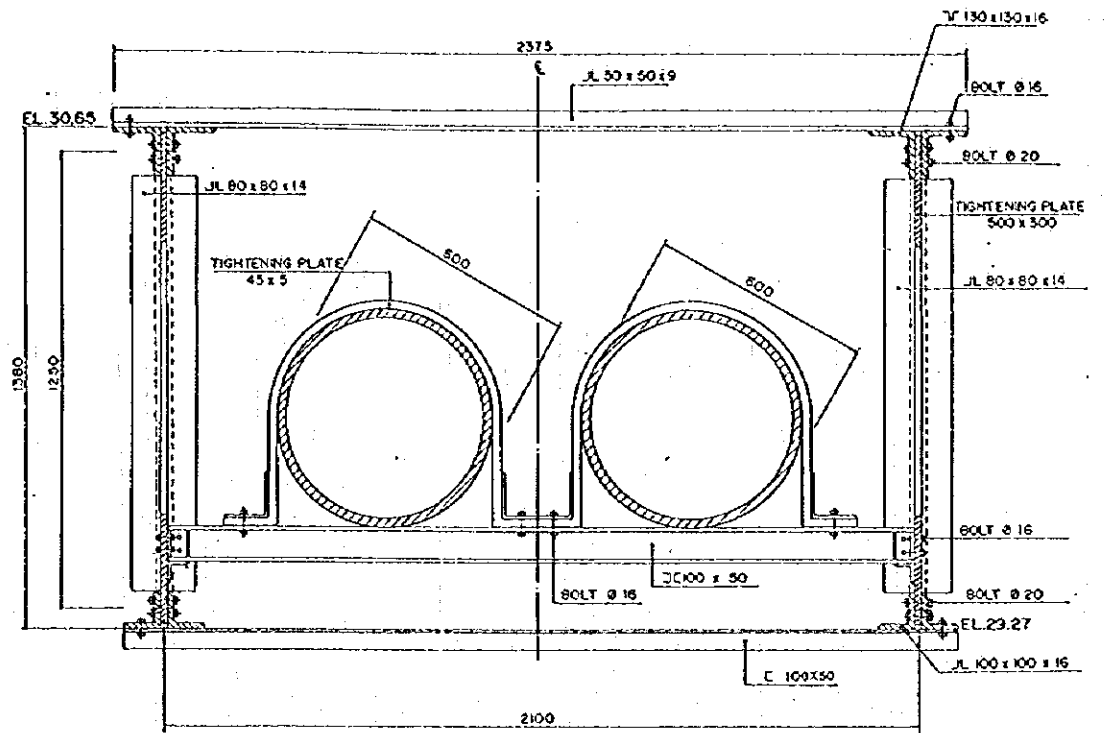
DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.33  
鉄道橋一般図 (F4)

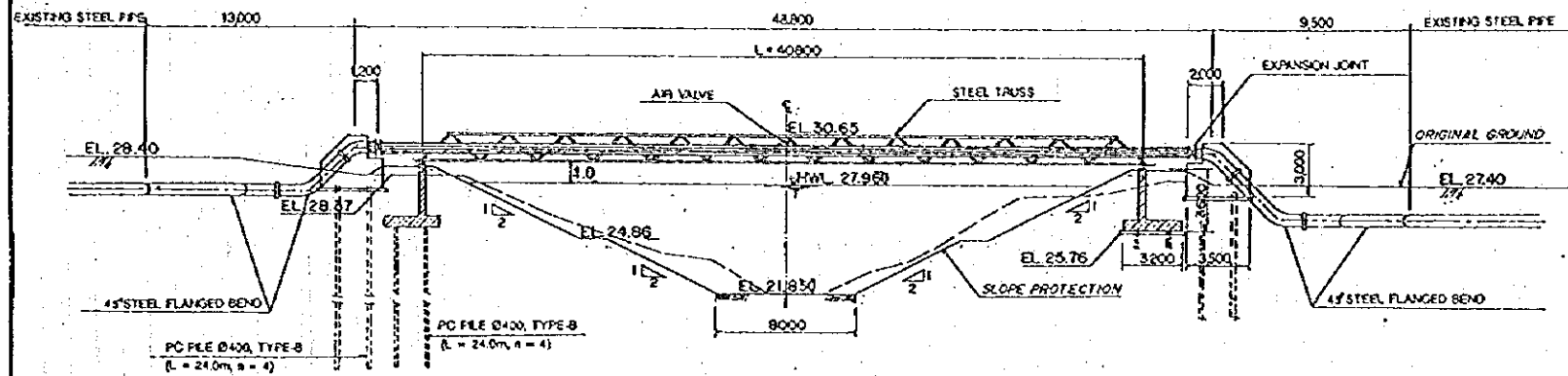




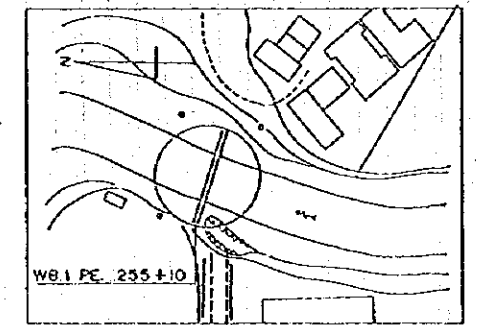
PLAN  
SCALE A



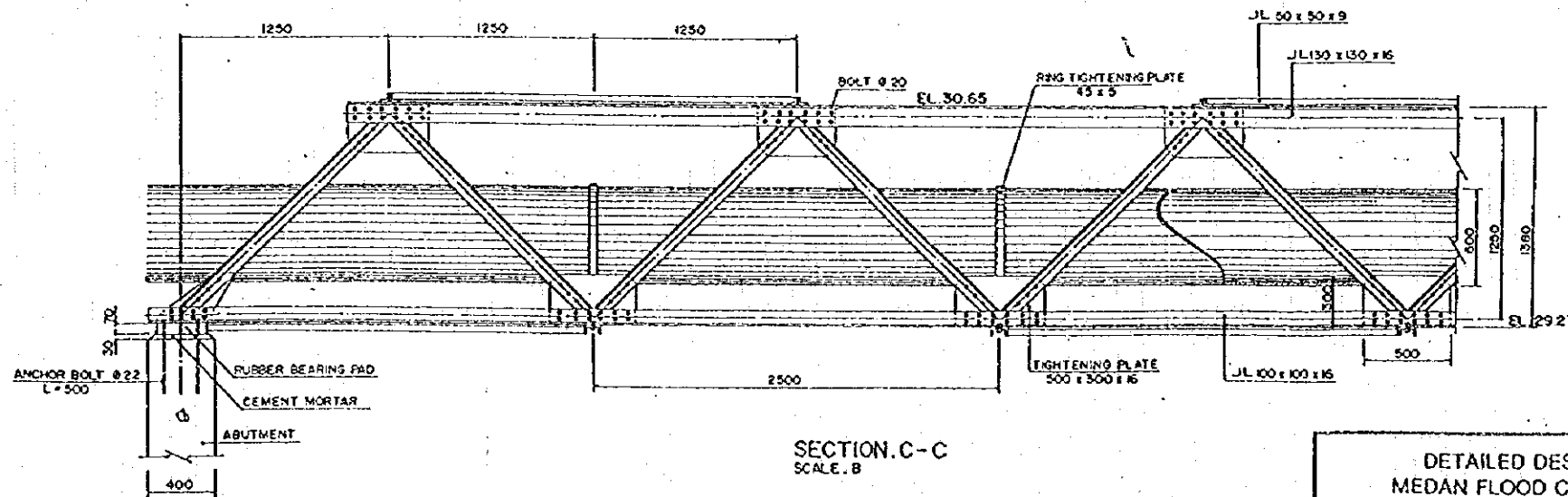
SECTION B-B  
SCALE C



SECTION A-A  
SCALE A



KEY PLAN  
NOT TO SCALE



SECTION C-C  
SCALE B

0 5 10 15 20 m  
SCALE A(1:200)

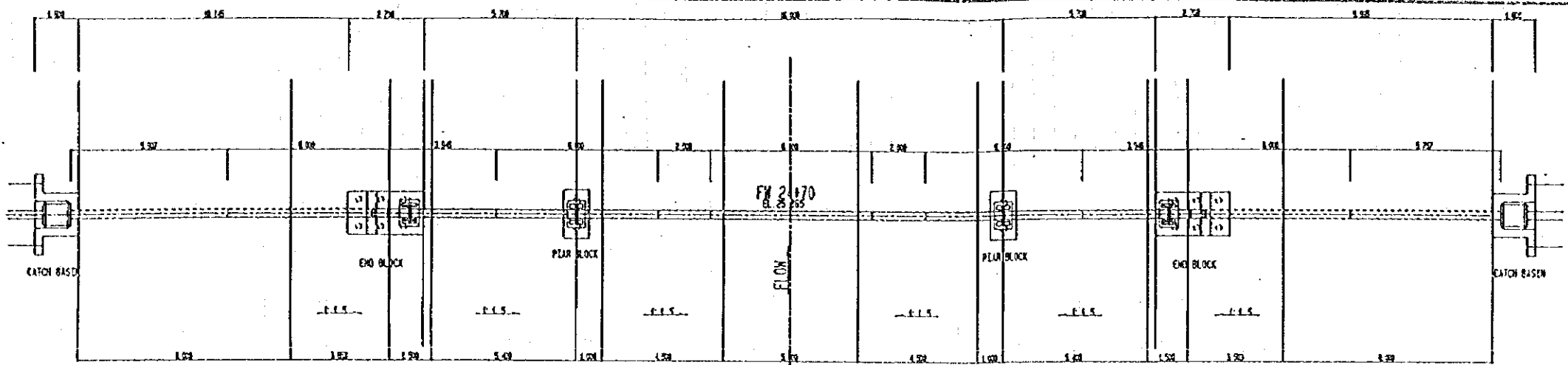
0 0.5 1.0 1.5 2.0 m  
SCALE B(1:20)

0 0.2 0.4 0.6 0.8 1.0 m  
SCALE C(1:10)

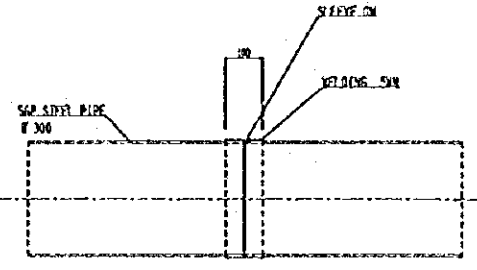
DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT

図面 4.35  
水管橋一般図

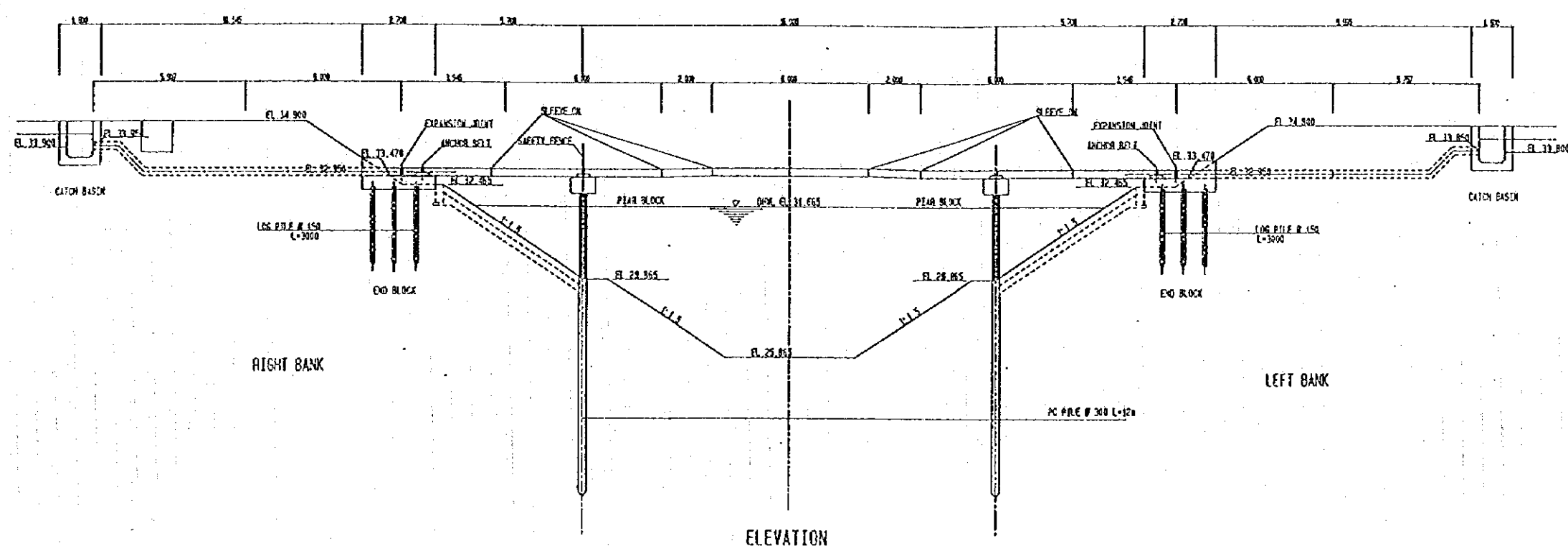
JAPAN INTERNATIONAL COOPERATION AGENCY



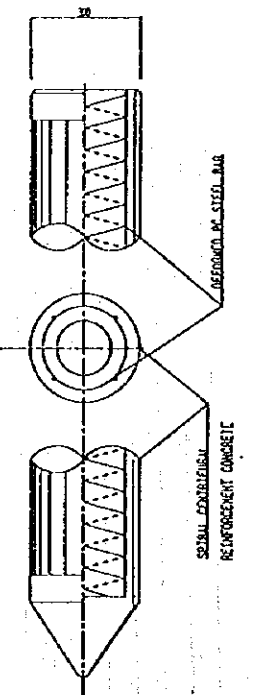
PLAN  
SCALE 1



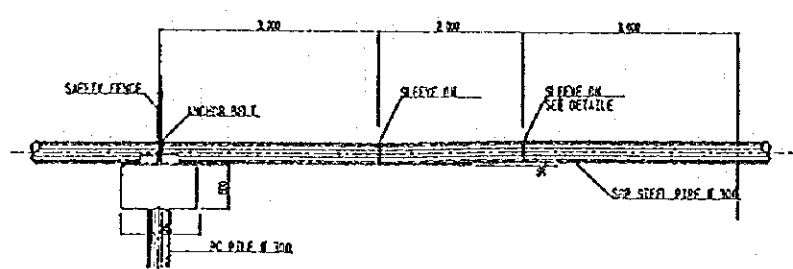
DETAIL OF SLEEVE ON  
SCALE C



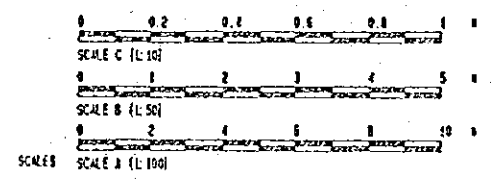
ELEVATION  
SCALE 1



DETAIL OF PILE  
SCALE C

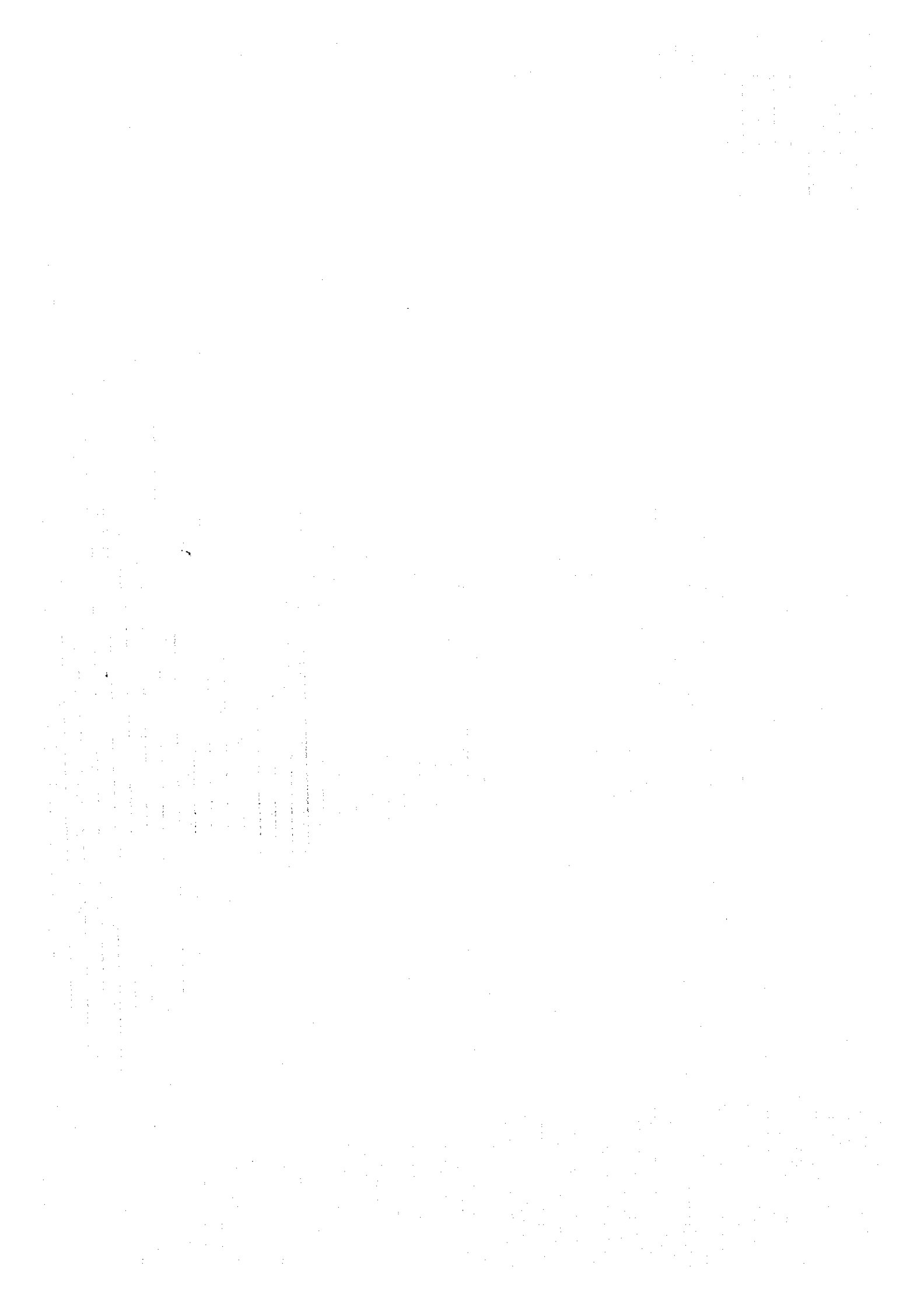


DETAIL OF PIPE JOINT  
SCALE B



DETAILED DESIGN STUDY ON  
MEDAN FLOOD CONTROL PROJECT  
JAPAN INTERNATIONAL COOPERATION AGENCY

図面 4.36  
水路橋一般図 (WB3)







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