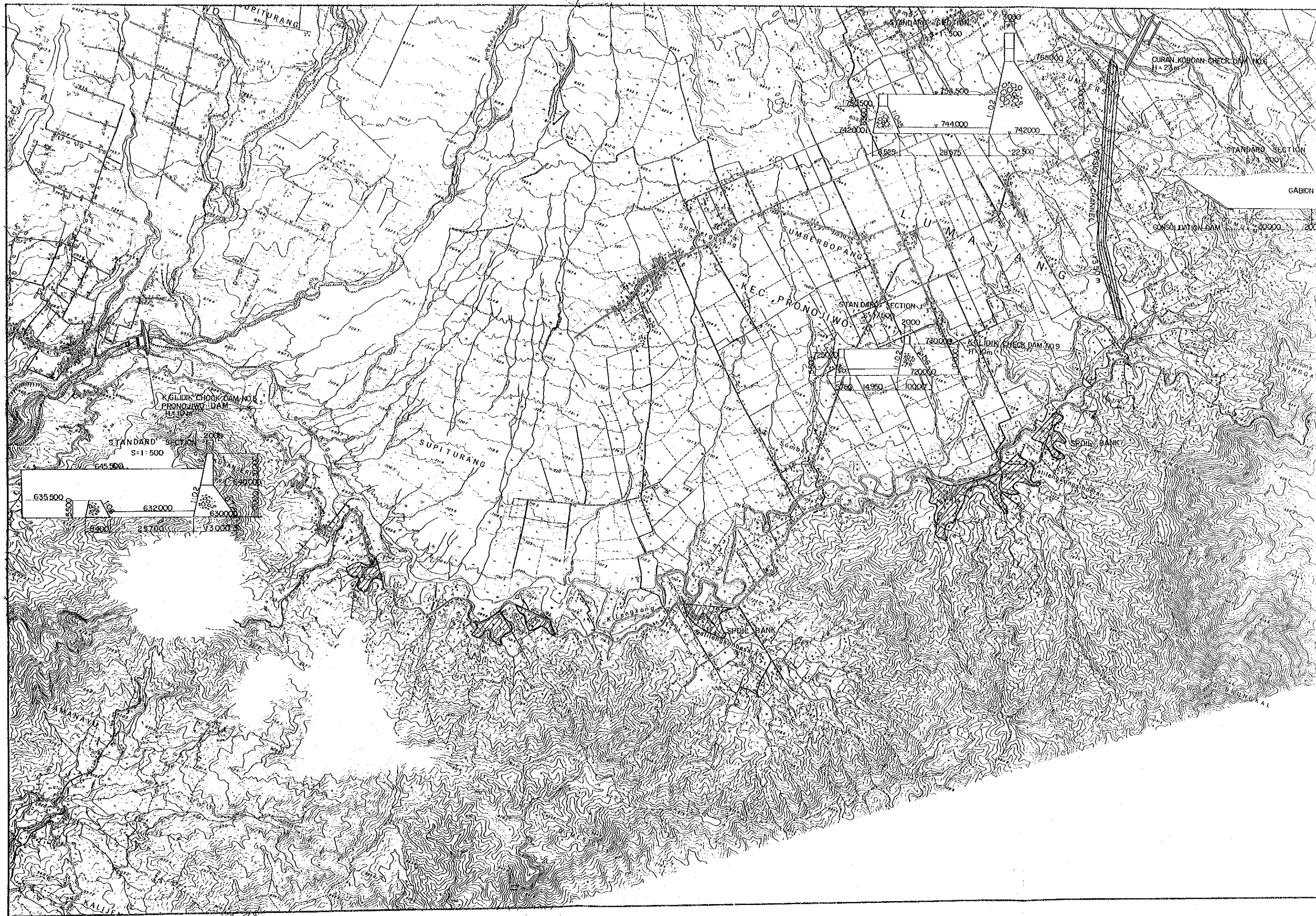


SUPPLEMENT - 4

DRAWINGS
OF
THE FIRST PRIORITY PROJECT

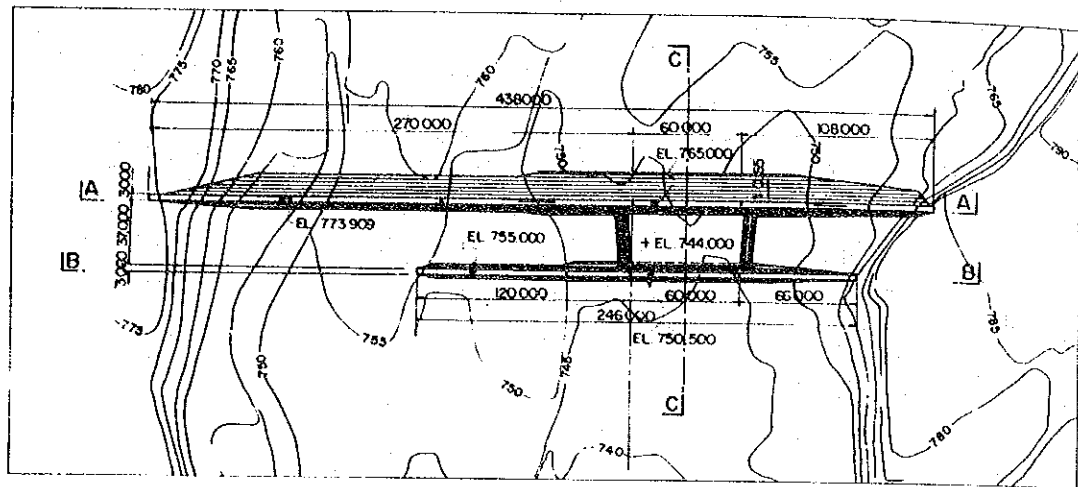




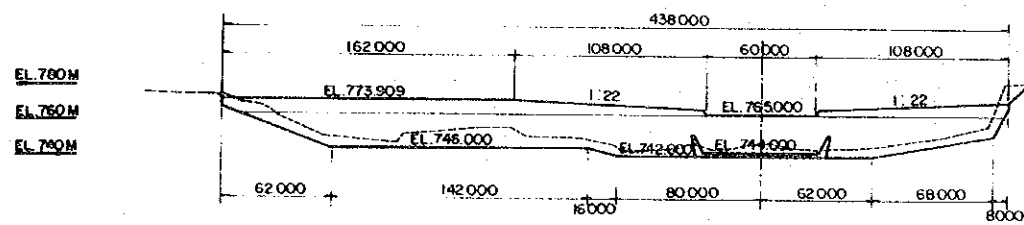
REPUBLIC OF INDONESIA		SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SEMERU		1 : 10 000
MAP OF SEDIMENT CONTROL FACILITY LOCATION OF THE FIRST PRIORITY PROJECT		SMF 1 101
 JAPAN INTERNATIONAL COOPERATION AGENCY		
DRAWN	CHECKED	APPROVED
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

CURAH KOBOAN CHECK DAM-6

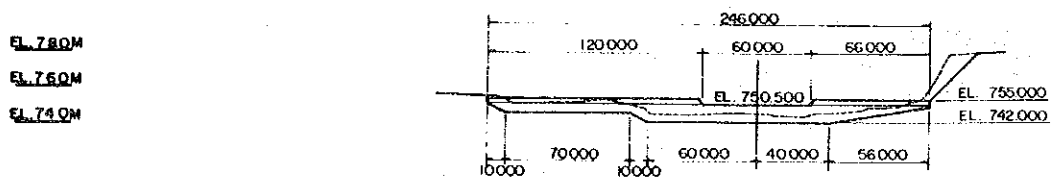
PLAN S=1:2000



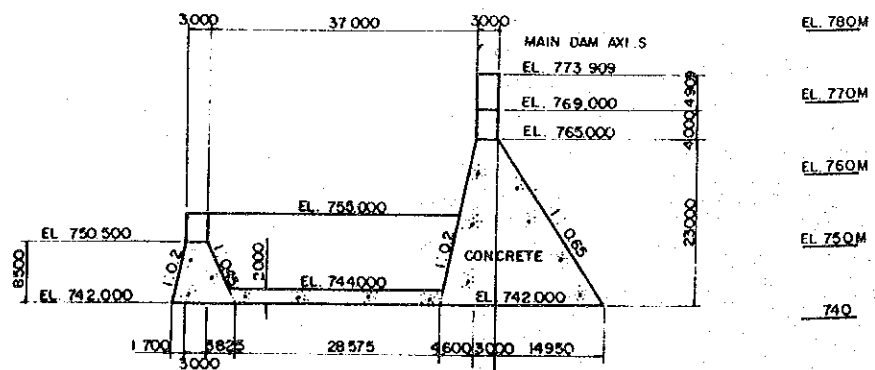
SECTION A-A S=1:2000



SECTION B-B S=1:2000

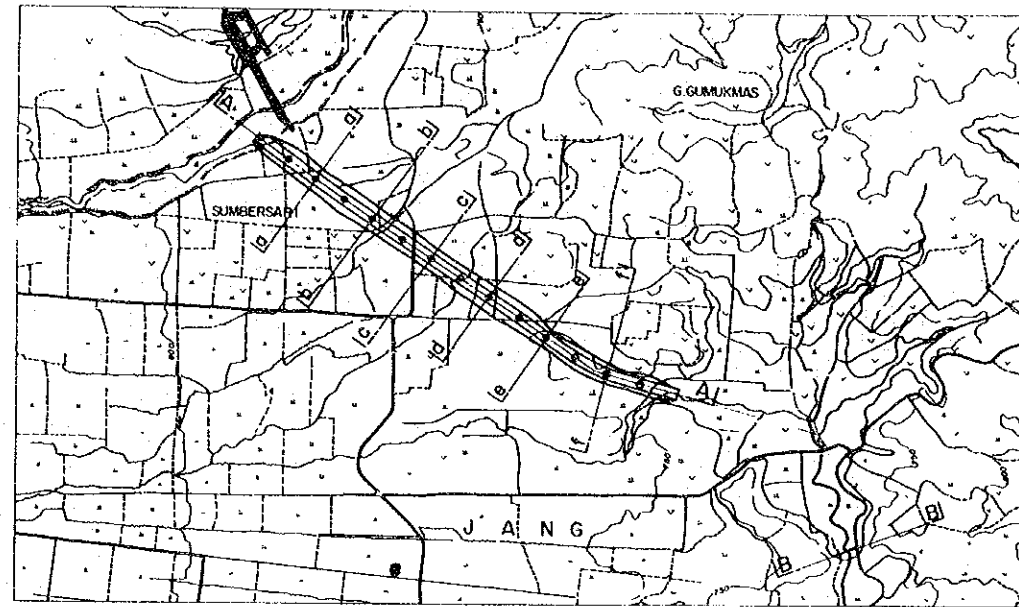


SECTION C-C S=1:500

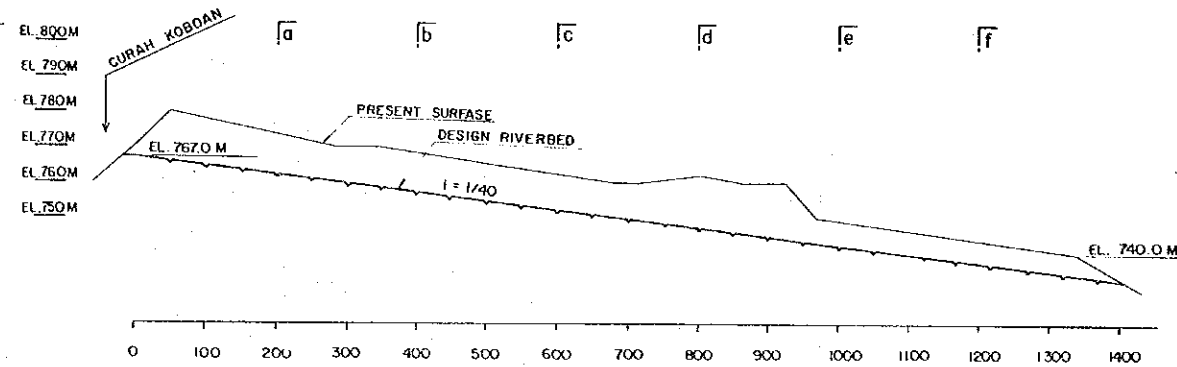


DIVERSION CHANNEL

PLAN S=1:10000

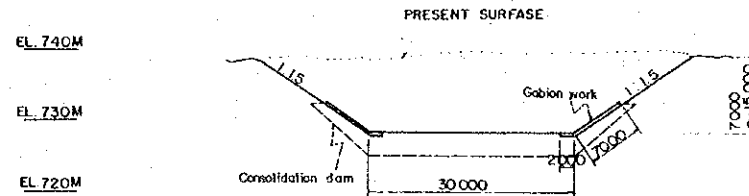


SECTION A-A V=1:1000, H=1:5000

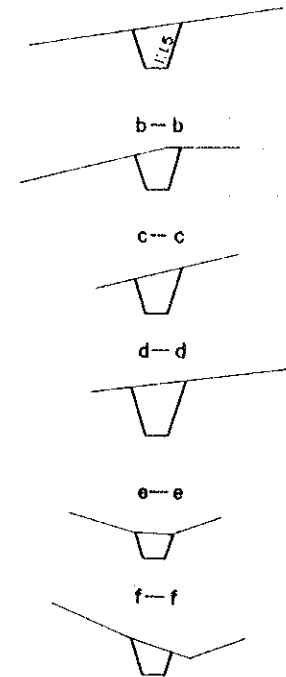


STANDARD SECTION OF DIVERSION CHANNEL

S=1:500

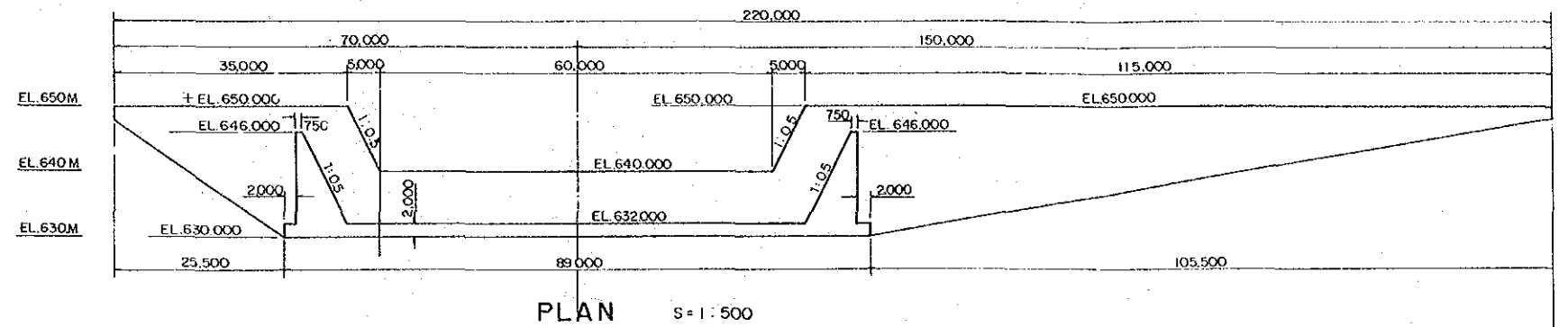


CROSS SECTION
H=1:5000
V=1:10000
d-d

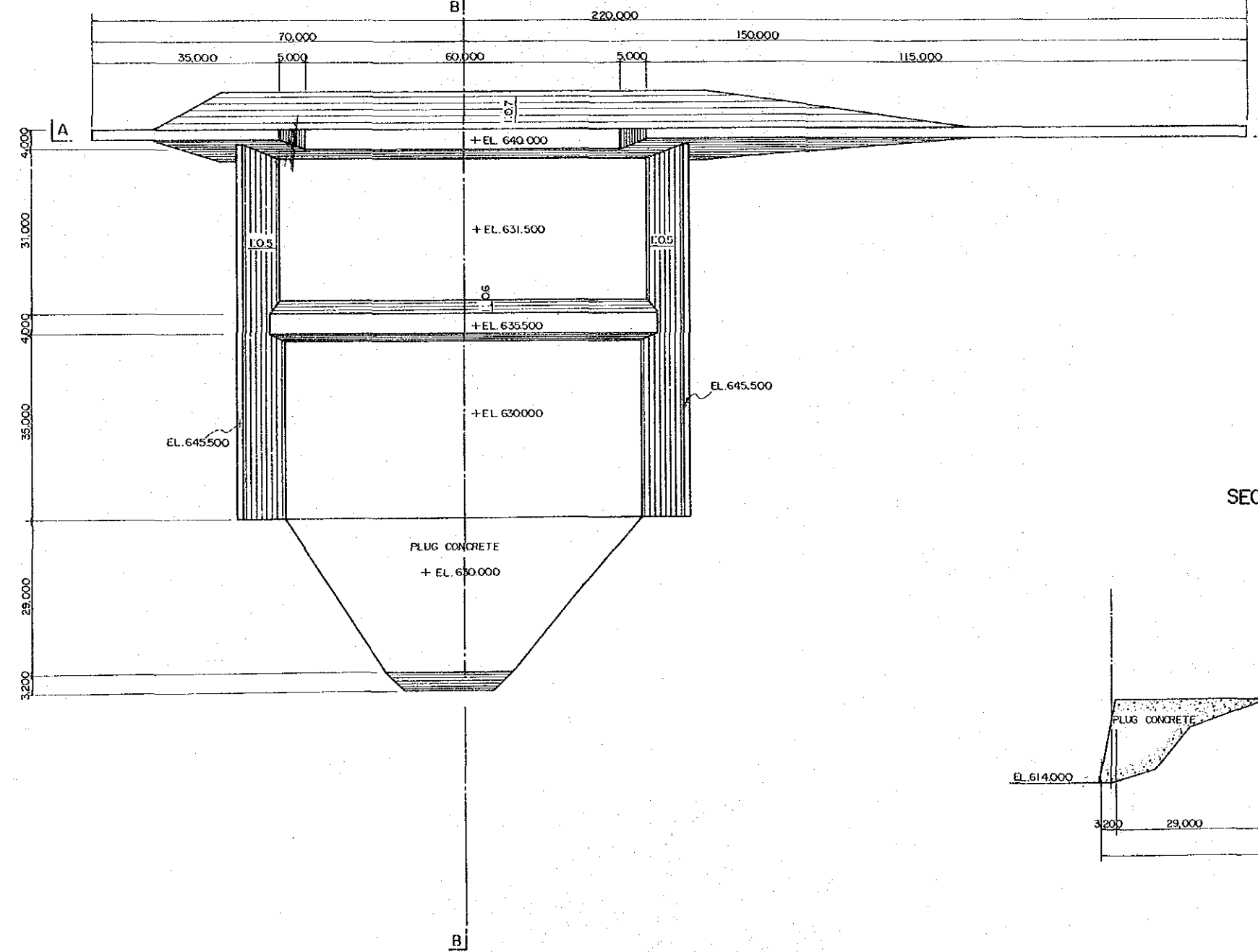


REPUBLIC OF INDONESIA		SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SEMERU		1:10 000 1:2 000 1:500
CURAH KOBOAN CHECK DAMS DIVERSION CHANNEL		SMF
GENERAL DAM DESIGN		102
JAPAN INTERNATIONAL COOPERATION AGENCY		
DRAWN	CHECKED	APPROVED
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

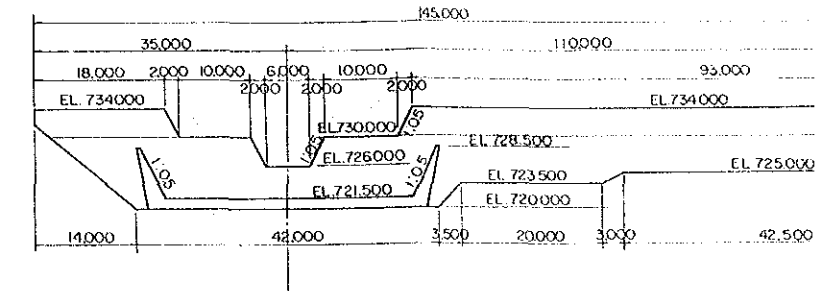
K.LENGKONG CHECK DAM NO.3 (PRONOJIWO DAM)
SECTION A - A S = 1 : 500



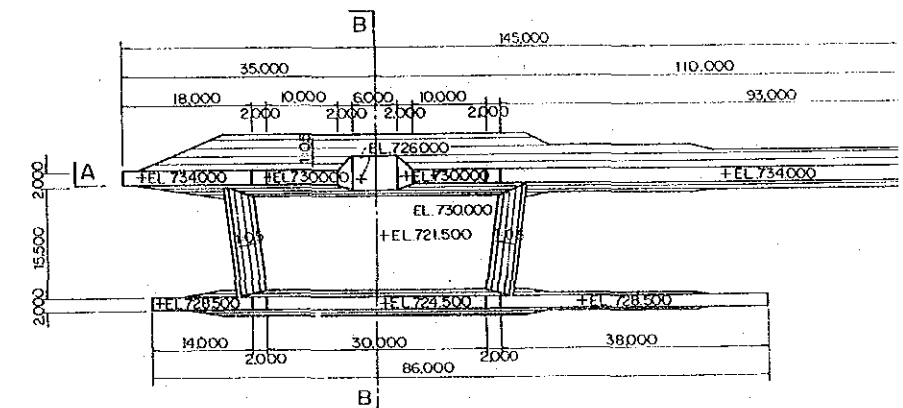
PLAN S = 1 : 500



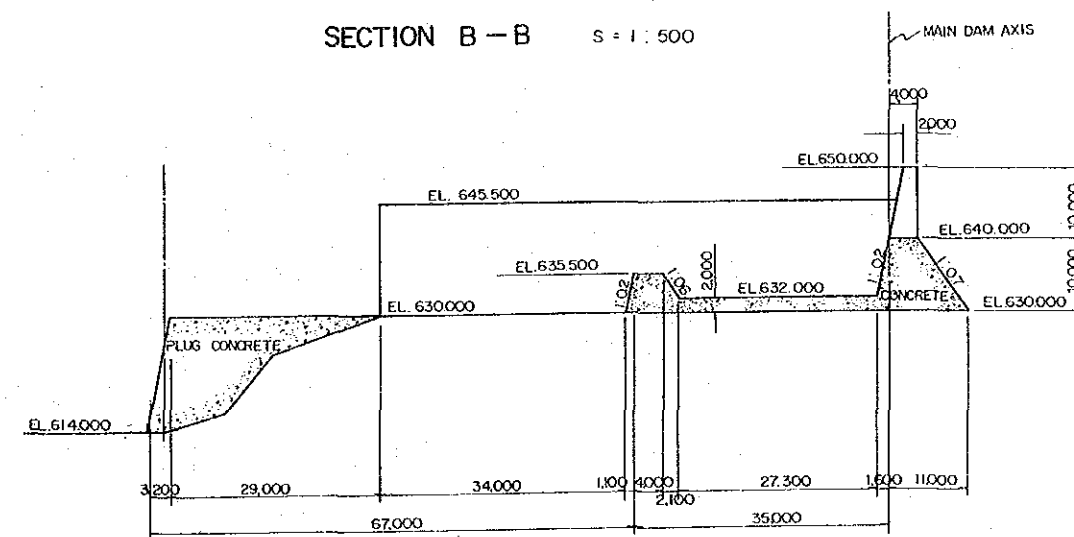
K.LENGKONG CHECK DAM NO.7
SECTION A - A S = 1 : 500



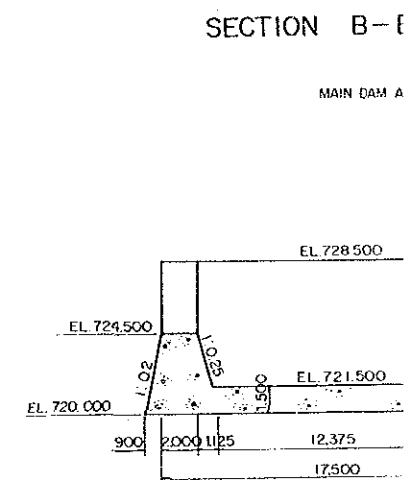
PLAN S = 1 : 500



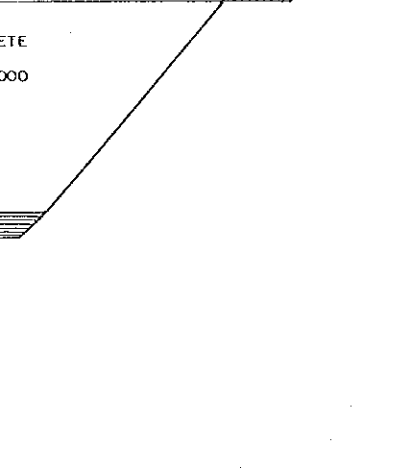
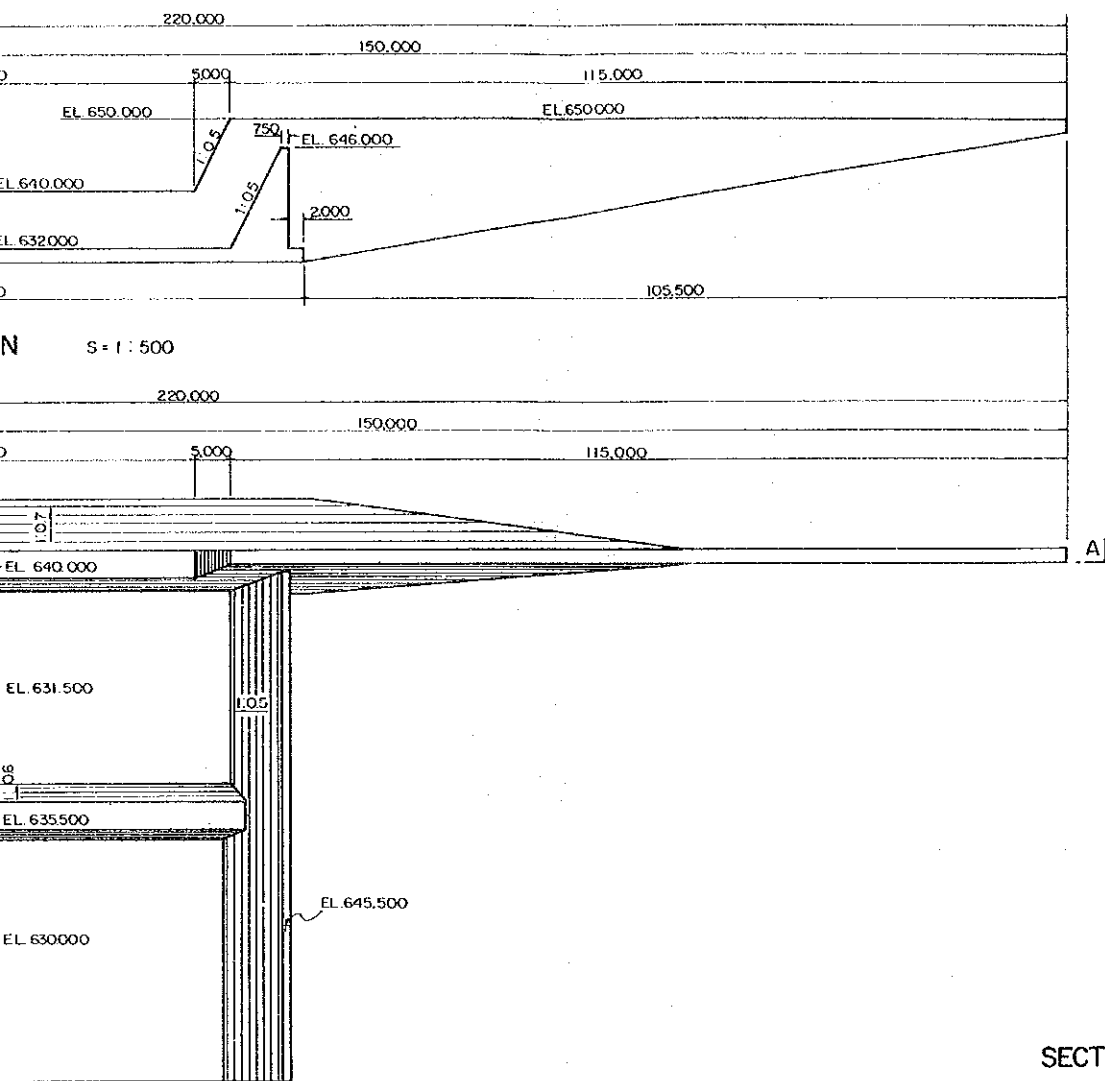
SECTION B - B S = 1 : 500



SECTION B - B

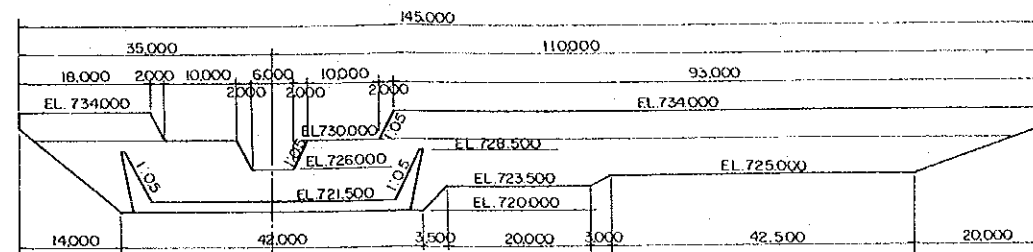


K DAM NO.3 (PRONOJIWO DAM)
SECTION A—A S = 1 : 500

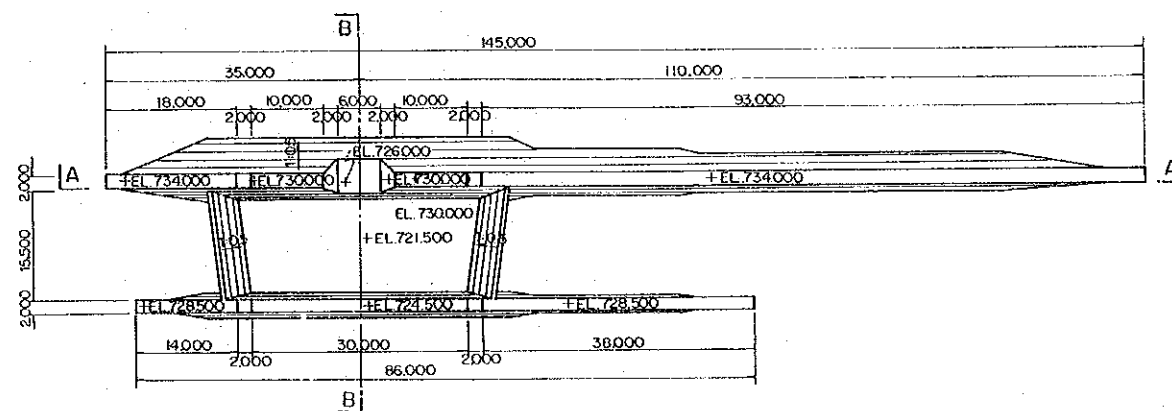


K.LENGKONG CHECK DAM NO.7

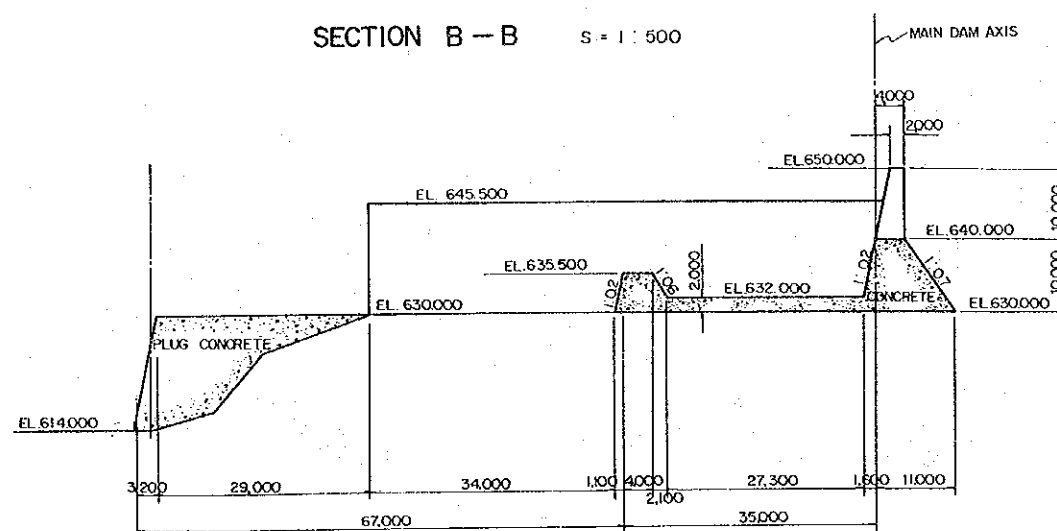
SECTION A—A S = 1 : 500



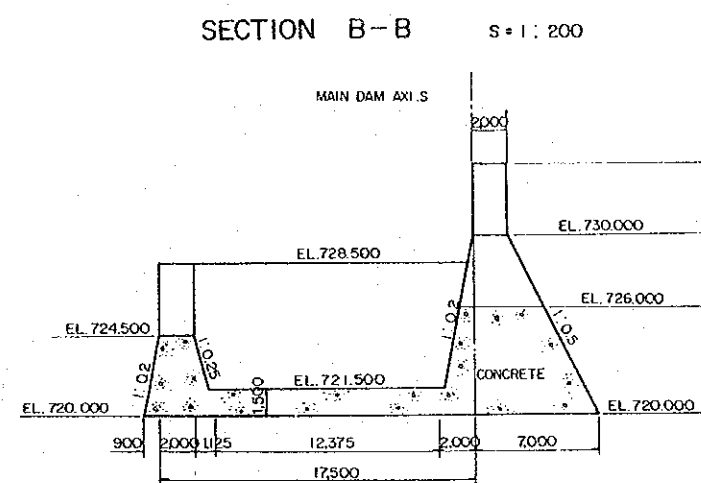
PLAN S = 1 : 500



SECTION B—B S = 1 : 500



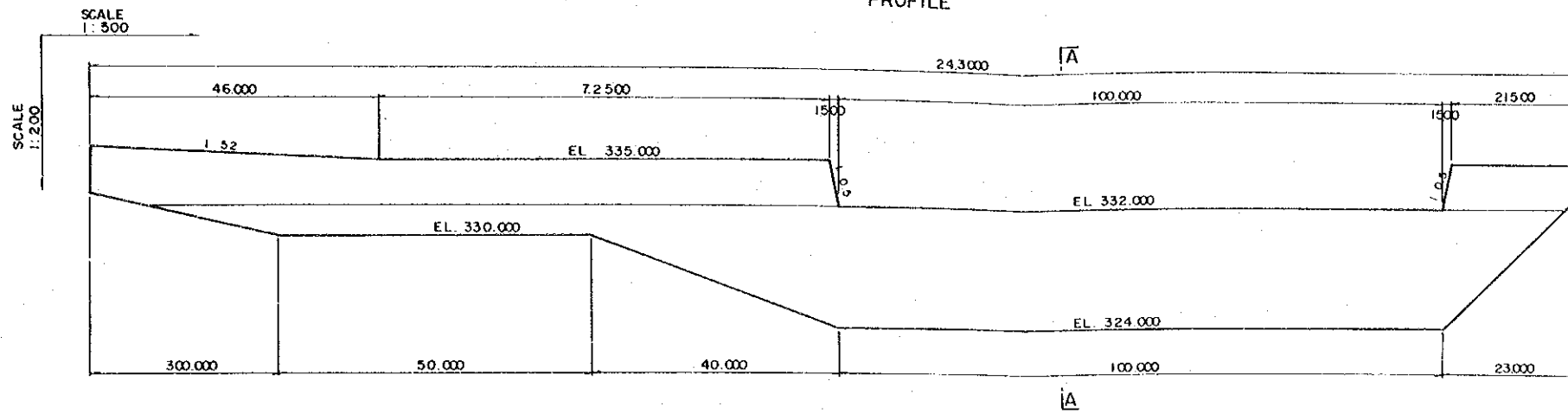
SECTION B—B S = 1 : 200



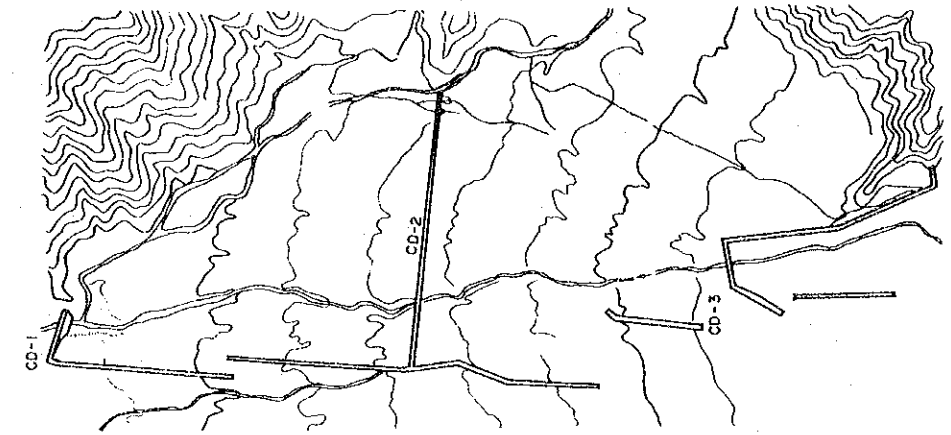
REPUBLIC OF INDONESIA			SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SEMERU			1 : 500
K.LENGKONG CHECK DAM—3			SMF
K.LENGKONG CHECK DAM—7			1
GENERAL DAM DESIGN			103
JICA JAPAN INTERNATIONAL COOPERATION AGENCY			
DRAWN	CHECKED	APPROVED	
<i>R. M. S.</i>	<i>M. H. S.</i>	<i>K. H. S.</i>	

CONSOLIDATION DAM-1

PROFILE

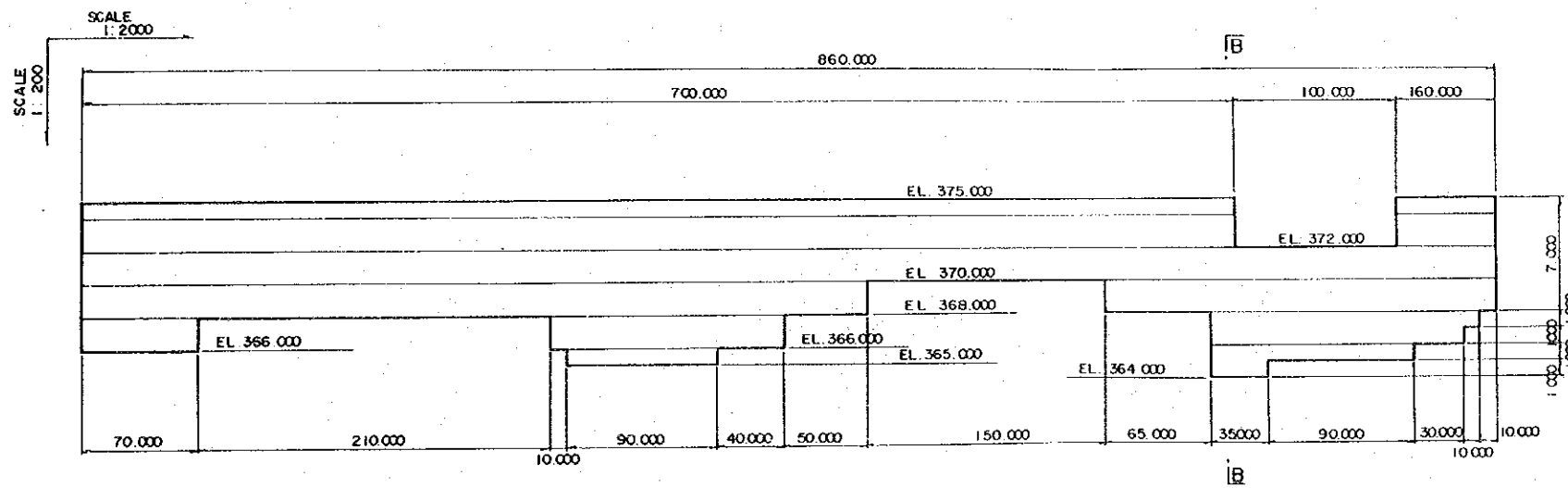


PLAN SCALE 1:10 000



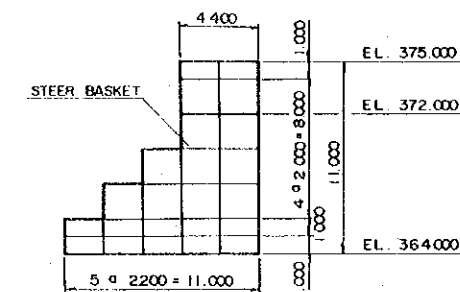
CONSOLIDATION DAM-2

PROFILE

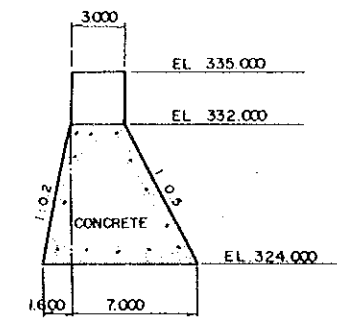


SECTION B-B

SCALE 1:200

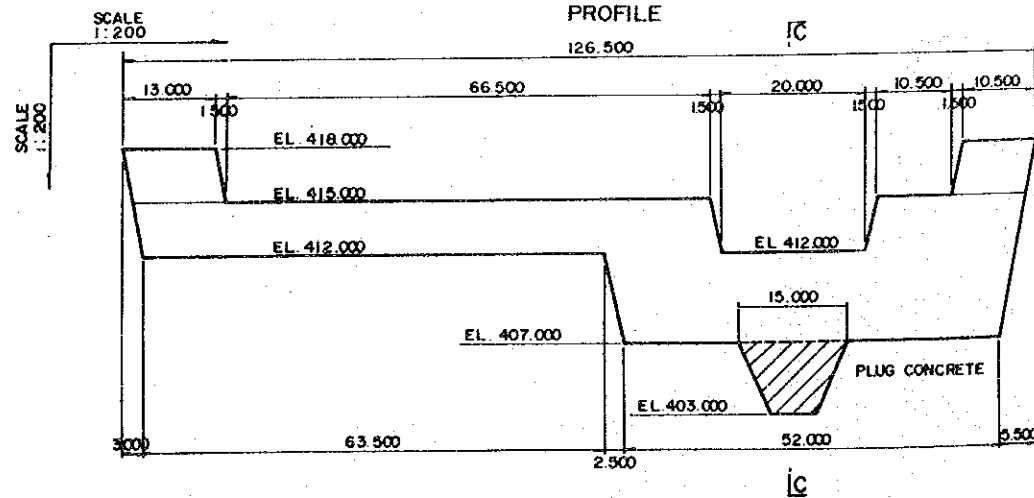


SECTION A-A SCALE 1:200

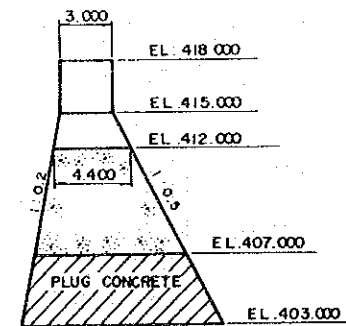


CONSOLIDATION DAM-3

PROFILE



SECTION C-C SCALE 1:200



REPUBLIC OF INDONESIA		SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SEMERU		1:10 000 1:2 000 1:500 1:200
K. LEPRAK	SANDPOCKET	SMF
GENERAL	SANDPOCKET	1
	DESIGN	104
JAPAN INTERNATIONAL COOPERATION AGENCY		
DRASH	CHECKED	APPROVED

SUPPLEMENT - 5

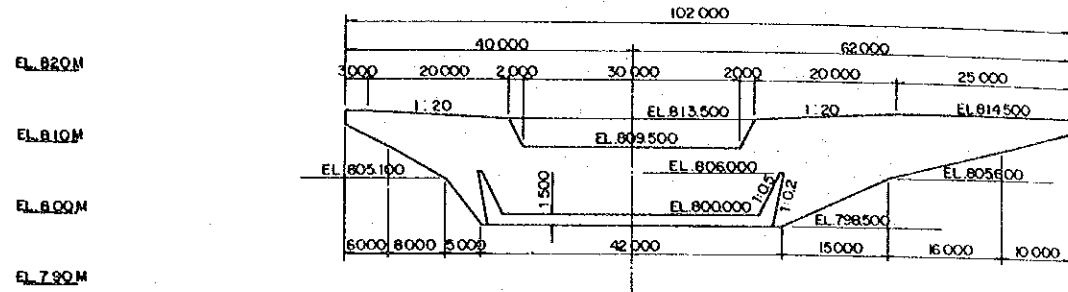
DRAWINGS
OF
THE SECOND PRIORITY PROJECT



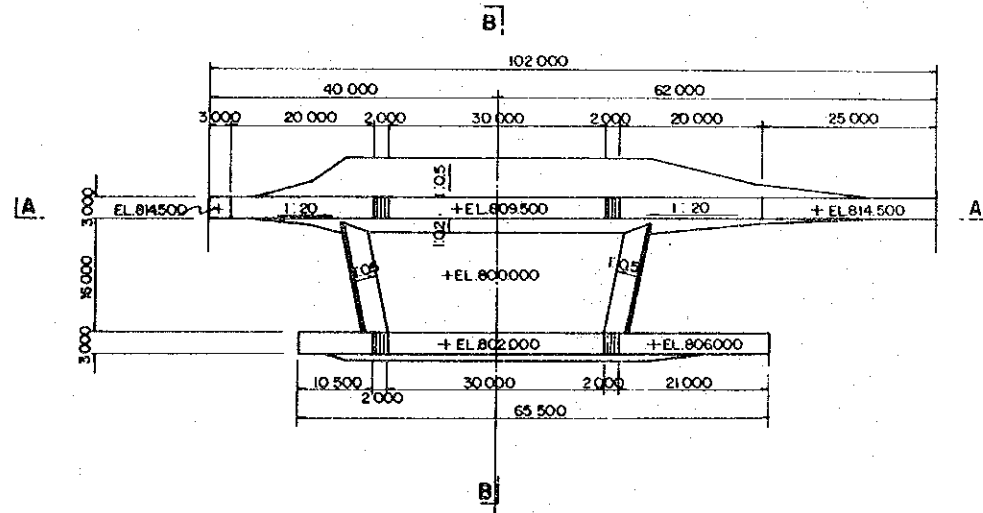
REPUBLIC OF INDONESIA		SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SEMERU		1:10 000
MAP OF SEDIMEN CONTROL FACILITY LOCATION MAP OF THE SECOND PRIORITY PROJECT		SMF 1 201
JAPAN INTERNATIONAL COOPERATION AGENCY		
DRAWN	CHECKED	APPROVED
	<i>[Signature]</i>	<i>[Signature]</i>

BS.SAT CHECK DAM-8

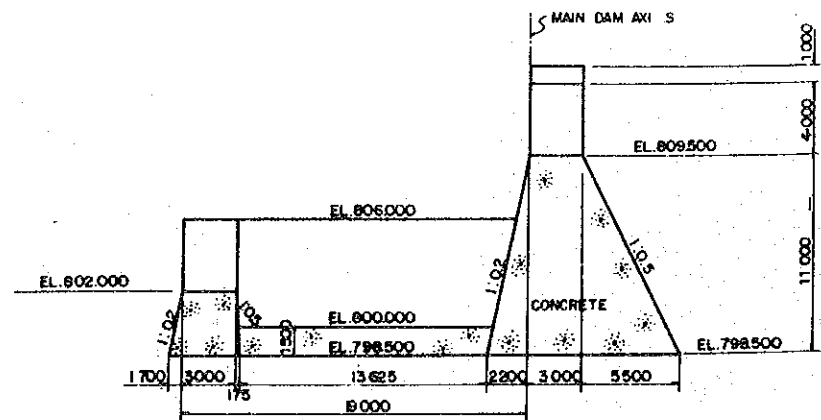
SECTION A-A s=1:500



PLAN s=1:500

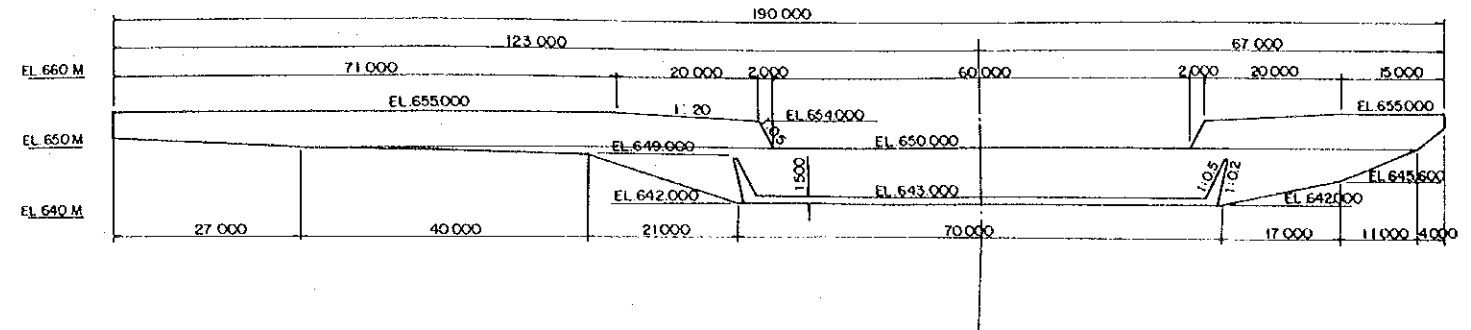


SECTION B-B s=1:200

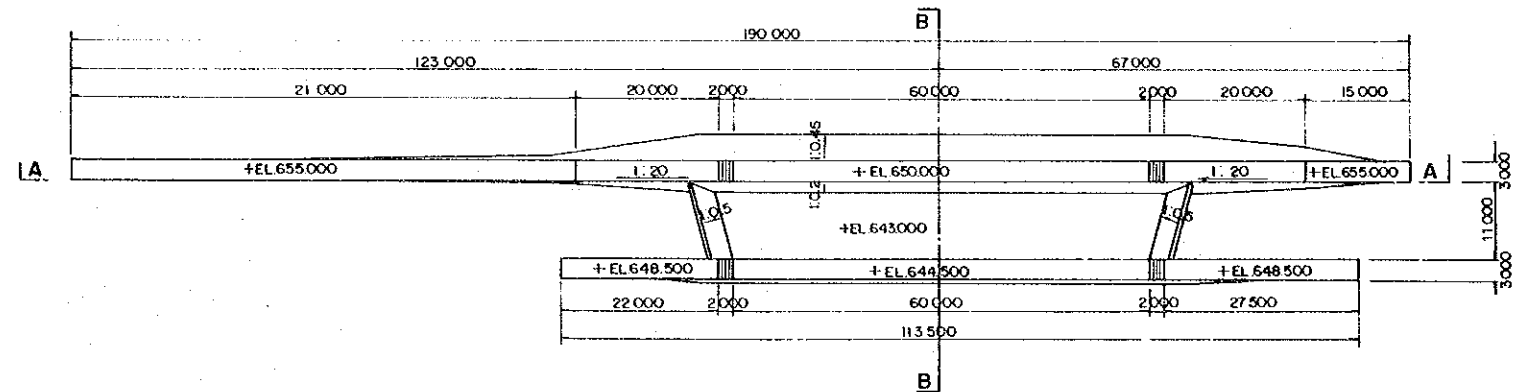


BS. SAT CHECK DAM-8

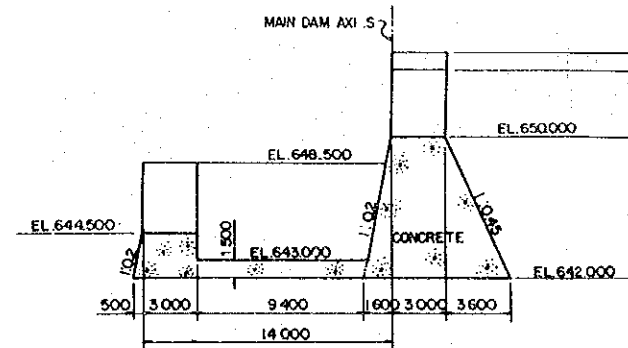
SECTION A-A s=1:500



PLAN s=1:500



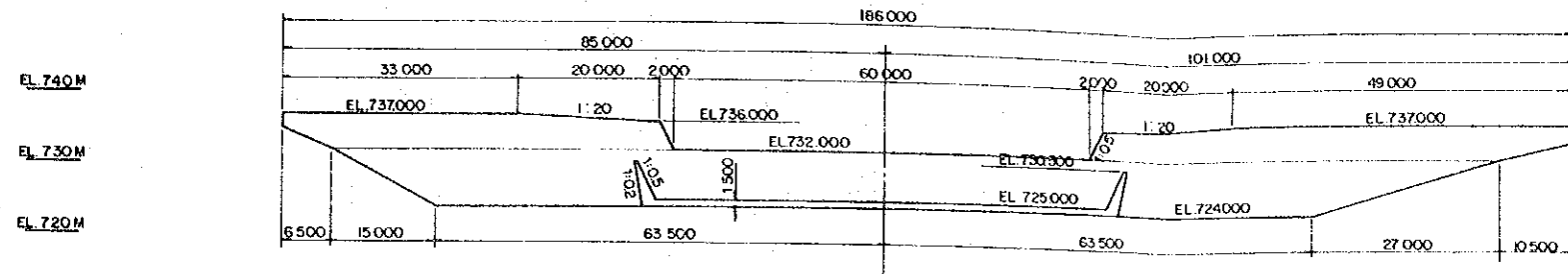
SECTION B-B s=1:200



REPUBLIC OF INDONESIA			SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SENGURU			1:500 1:200
BS. SAT CHECK DAM-5 - 8 GENERAL DAM DESIGN			SMF 1 202
JAPAN INTERNATIONAL COOPERATION AGENCY			
DRAWN	DESIGNED	APPROVED	
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	

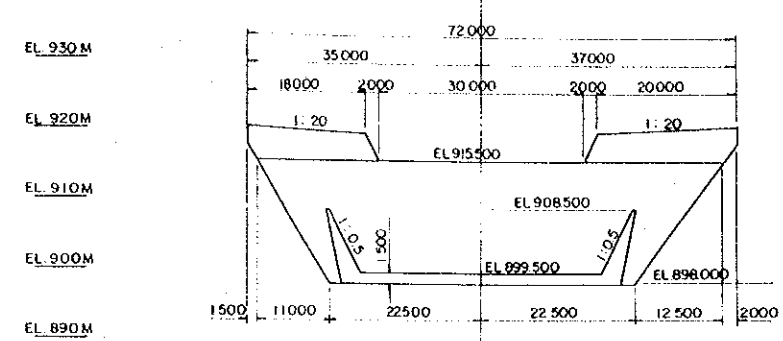
BS. SAT CHECK DAM-6

SECTION A-A S=1:500

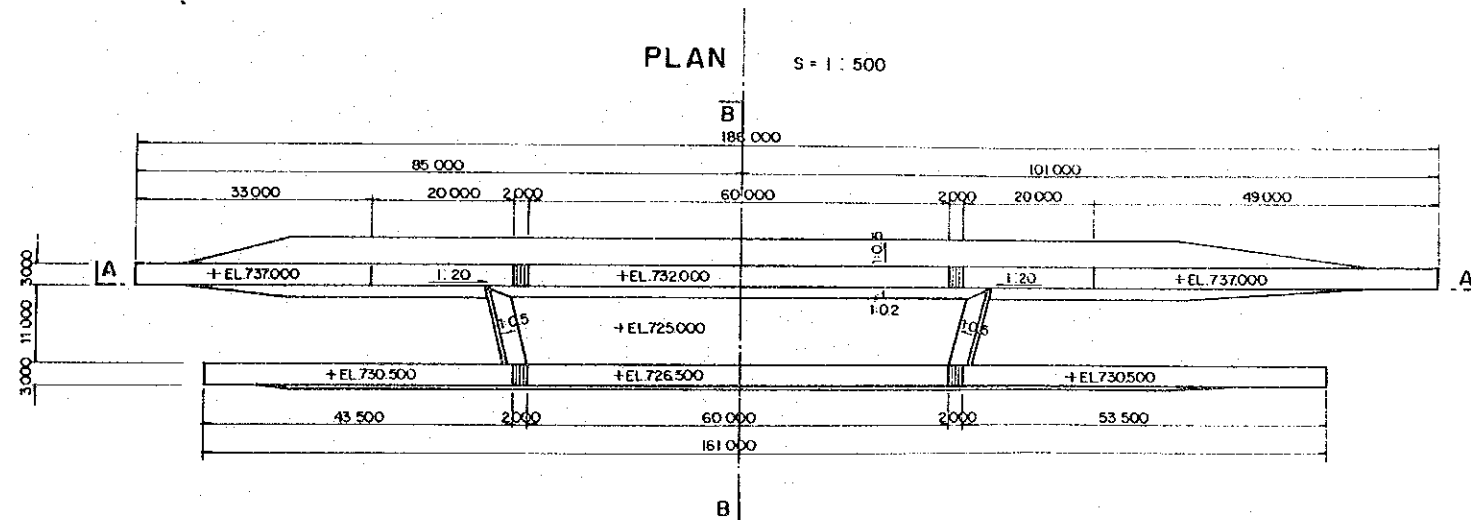


BS. SAT CHECK DAM-10

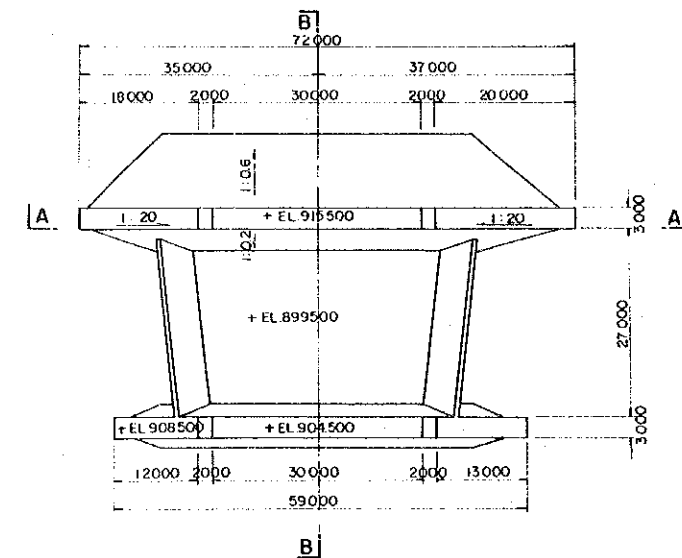
SECTION A-A 1:500



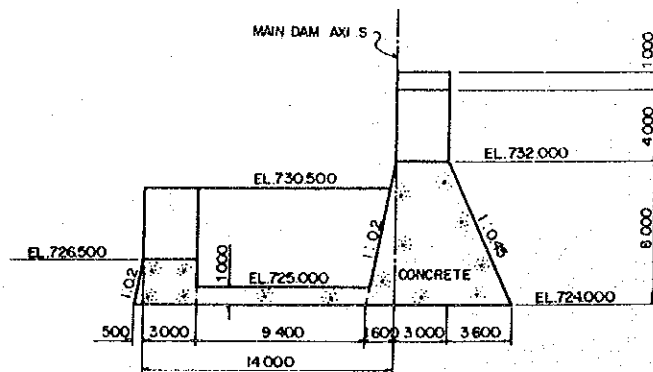
PLAN S=1:500



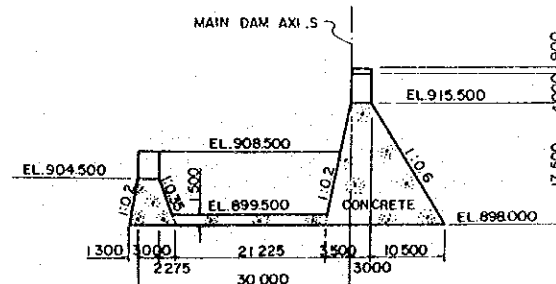
PLAN 1:500



SECTION B-B S=1:200



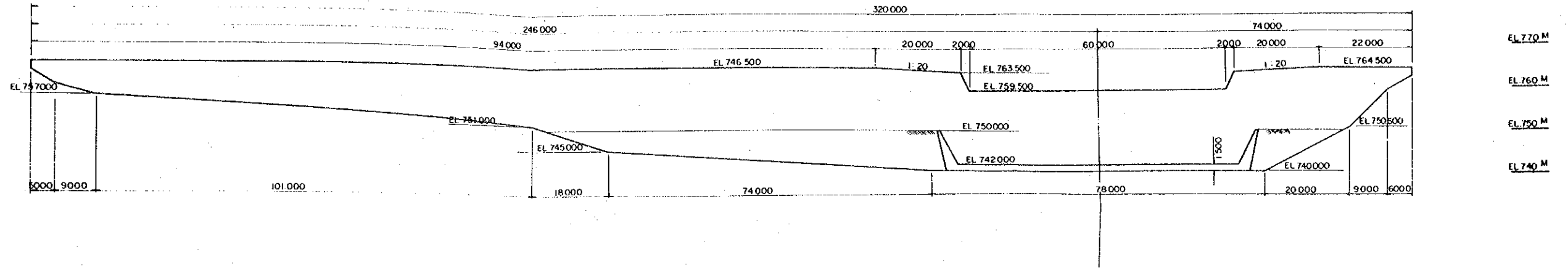
SECTION B-B 1:500



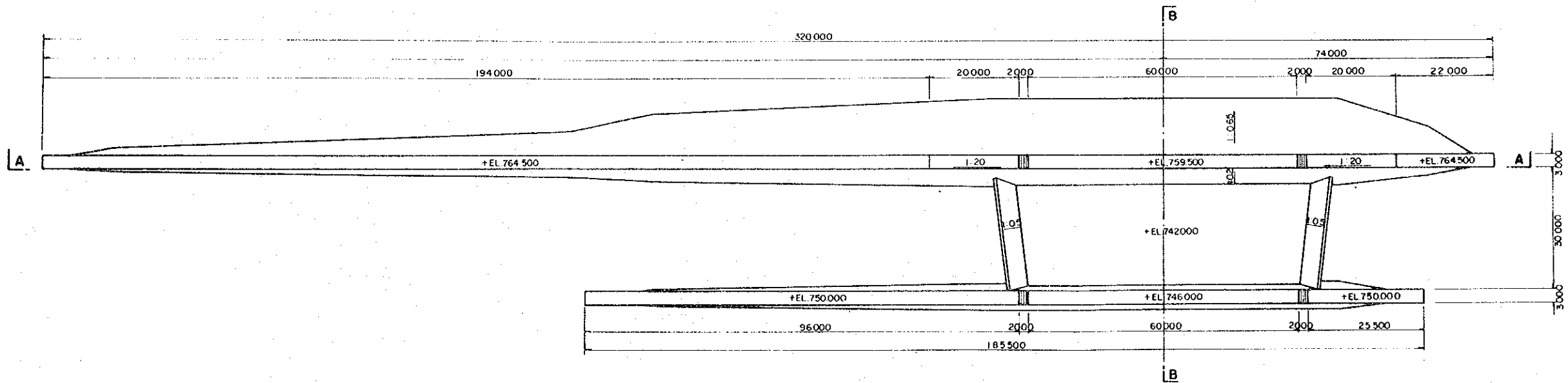
REPUBLIC OF INDONESIA		SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. BIKERU		1:500 1:200
BS. SAT CHECK DAM - 6 BS. SAT CHECK DAM - 10 GENERAL DAM DESIGN		SMF 203
JAPAN INTERNATIONAL COOPERATION AGENCY		
DRAWN	CHECKED	APPROVED
S. H. H.	[Signature]	[Signature]

BS. SAT CHECK DAM-7

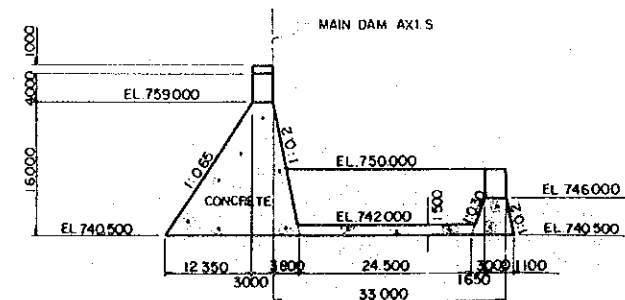
S=1:500 A-A SECTION



S=1:500 PLAN



S=1:500 B-B SECTION

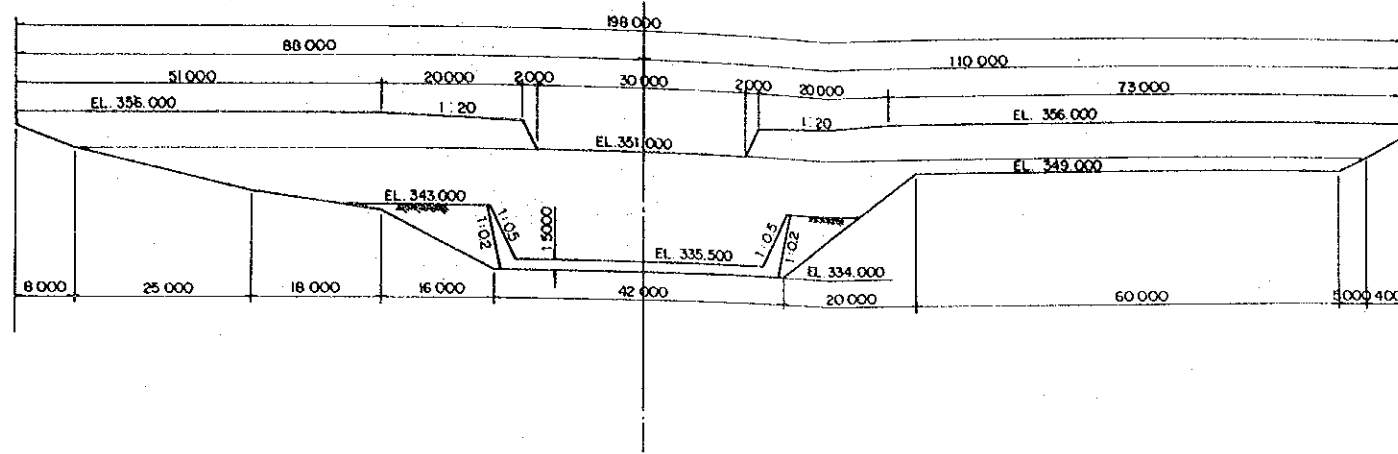


REPUBLIC OF INDONESIA		SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER OBSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. MERAPI		1:500
BS. SAT CHECK DAM-7 GENERAL DAM DESIGN		SMF 1 204
JAPAN INTERNATIONAL COOPERATION AGENCY		
DESIGN	CHECKED	APPROVED
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

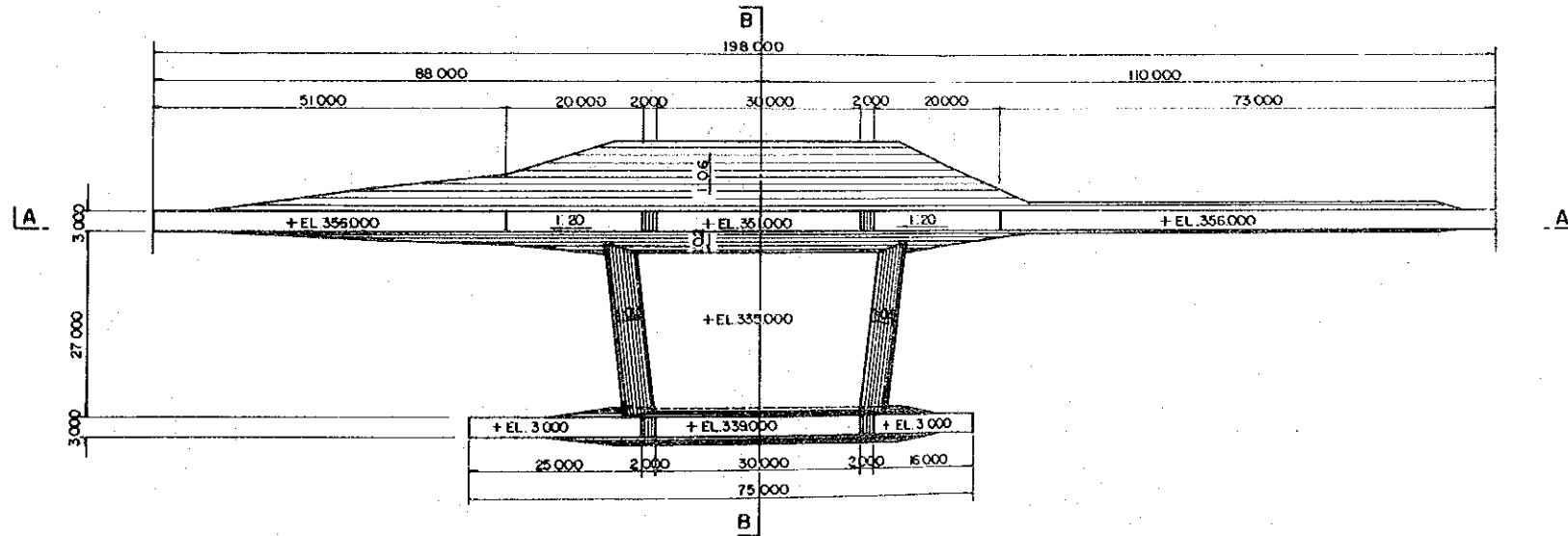
BS.SAT CHECK DAM-9

SECTION A--A S : 1 : 500

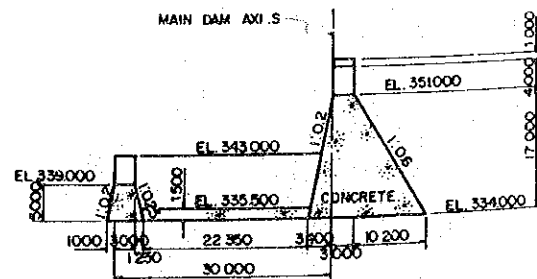
EL. 370M
EL. 360M
EL. 350M
EL. 340M
EL. 330M



PLAN S : 1 : 500



SECTION B--B S : 1 : 500



REPUBLIC OF INDONESIA			SCALE
THE FEASIBILITY STUDY ON THE VOLCANIC DEBRIS CONTROL AND WATER CONSERVATION PROJECT IN THE SOUTH EASTERN SLOPE OF MT. SEMERU			1 : 500
BS.SAT CHECK DAM-9 GENERAL DAM DESIGN			SMF 1 208
JAPAN INTERNATIONAL COOPERATION AGENCY			
DRAWN	CHECKED	APPROVED	
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	

JICA