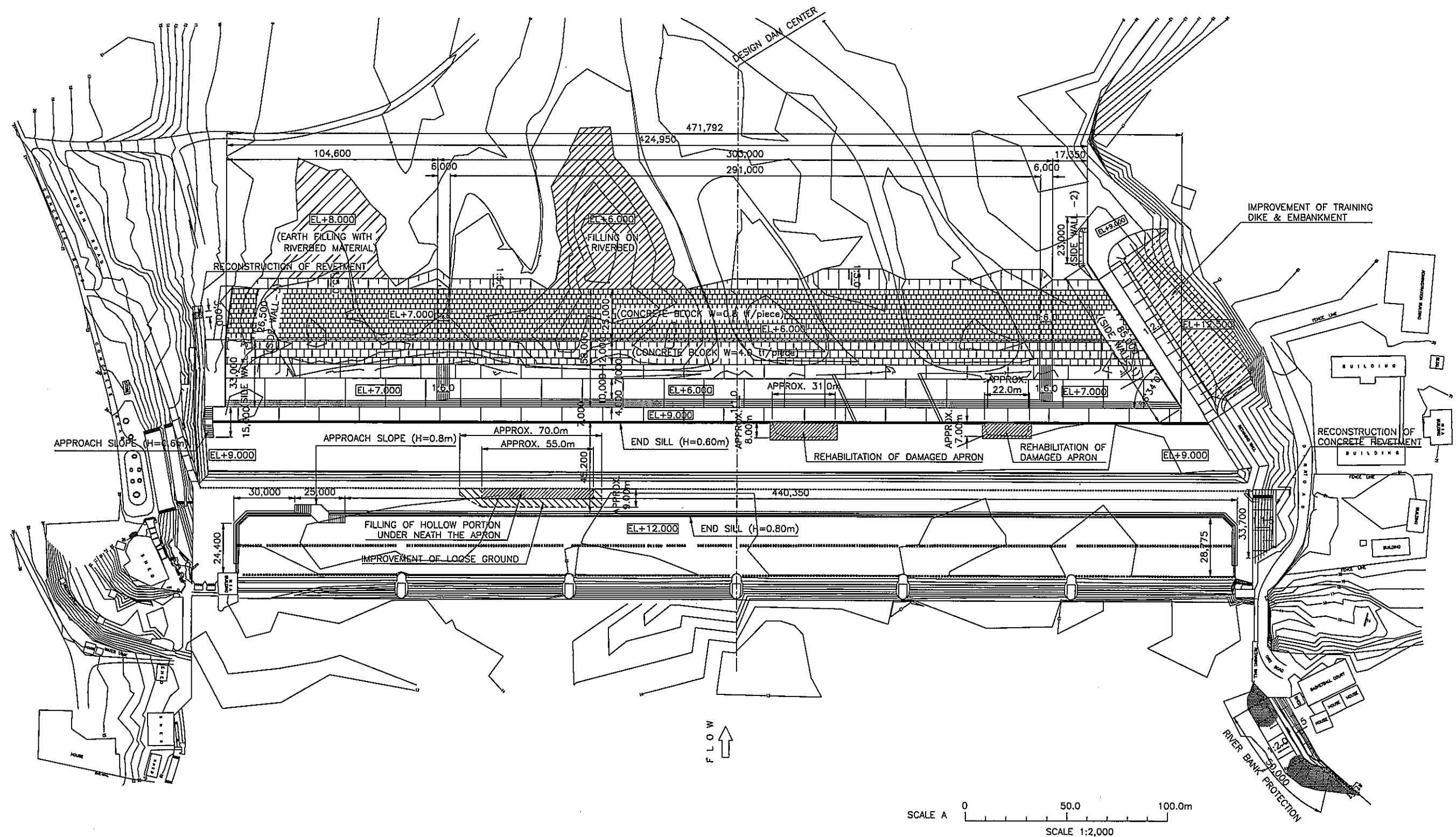


## CHAPTER 5 DRAWINGS

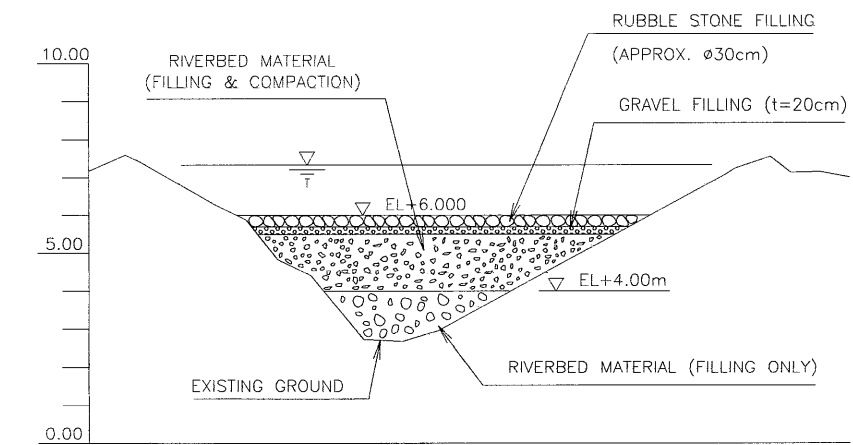
This chapter describes drawings of the Basic Design for the Project. The list of drawings is shown in the table below.

### LIST OF DRAWINGS

DRAWING No.	TITLE OF DRAWINGS
1	PLAN
2	LONGITUDINAL PROFILES
3	CROSS SECTIONS (1/5)
4	CROSS SECTIONS (2/5)
5	CROSS SECTIONS (3/5)
6	CROSS SECTIONS (4/5)
7	CROSS SECTIONS (5/5)
8	STRUCTURAL DRAWINGS FOR DROP STRUCTURE, APRONS AND RIVERBED PROTECTION (1/3)
9	STRUCTURAL DRAWINGS FOR DROP STRUCTURE, APRONS AND RIVERBED PROTECTION (2/3)
10	STRUCTURAL DRAWINGS FOR DROP STRUCTURE, APRONS AND RIVERBED PROTECTION (3/3)
11	STANDARD CROSS SECTIONS OF SIDE WALL AND REVETMENT FOR TRAINING DIKE
12	STRUCTURAL DRAWINGS OF SIDE WALL AND REVETMENT FOR TRAINING DIKE
13	STRUCTURAL DRAWINGS OF REVETMENT FOR RIGHT RIVER BANK AT IMMEDIATELY DOWNSTREAM OF WASHED OUT GATE
14	GENERAL STRUCTURAL DRAWINGS OF RIVER BANK PROTECTION IN THE UPSTREAM OF RIGHT INTAKE GATE
15	IMPROVEMENT OF HOLLOW PORTION AND LOOSENEED GROUND
16	REHABILITATION OF EXISTING CONCRETE APRONS
17	PLAN OF TEMPORARY WORKS (1/5)
18	PLAN OF TEMPORARY WORKS (2/5)
19	PLAN OF TEMPORARY WORKS (3/5)
20	PLAN OF TEMPORARY WORKS (4/5)
21	PLAN OF TEMPORARY WORKS (5/5)

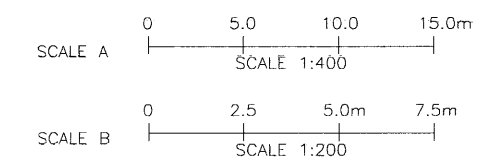


REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
PLAN			
DATE	NOV. 2000	D.W.G.NO.	1
JAPAN INTERNATIONAL COOPERATION AGENCY			



SECTION A-A

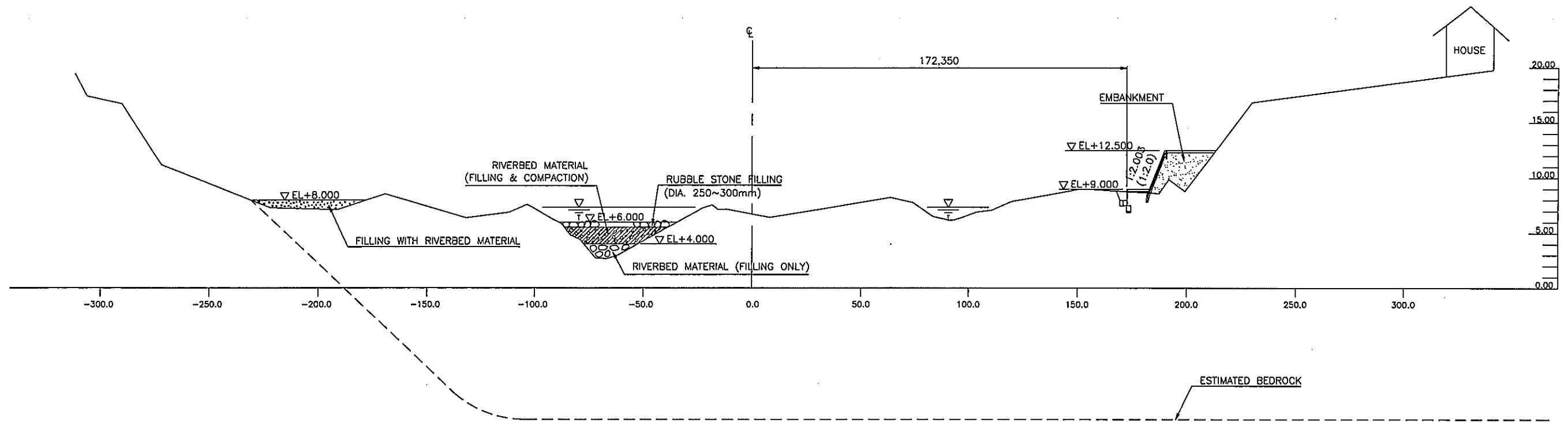
SCALE B



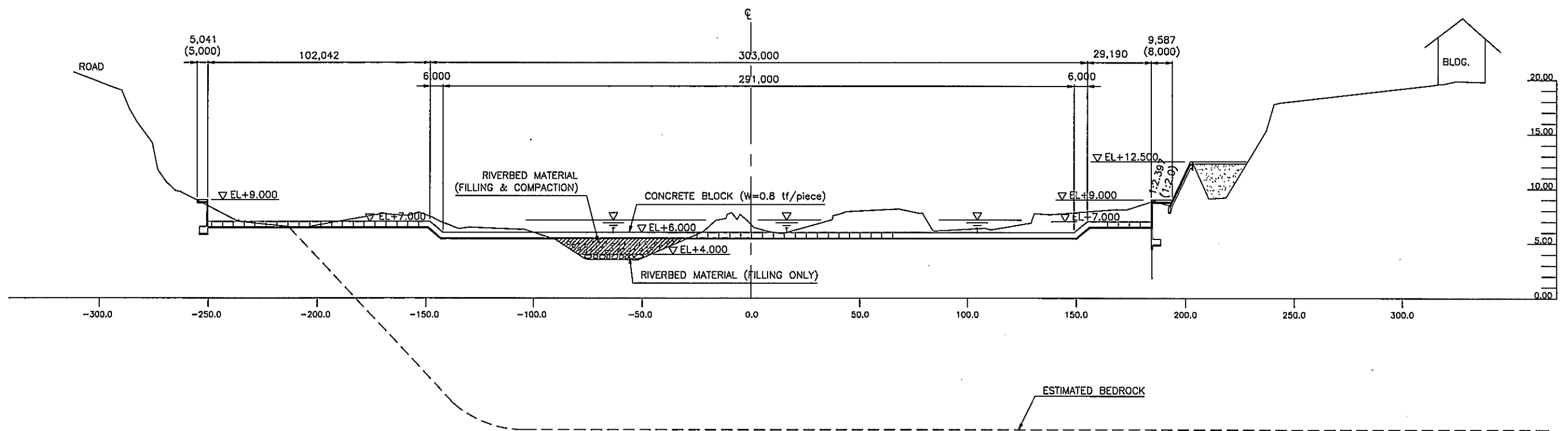
SCALE A

SCALE B

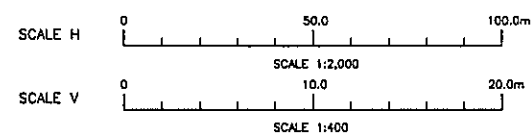
5 - 3



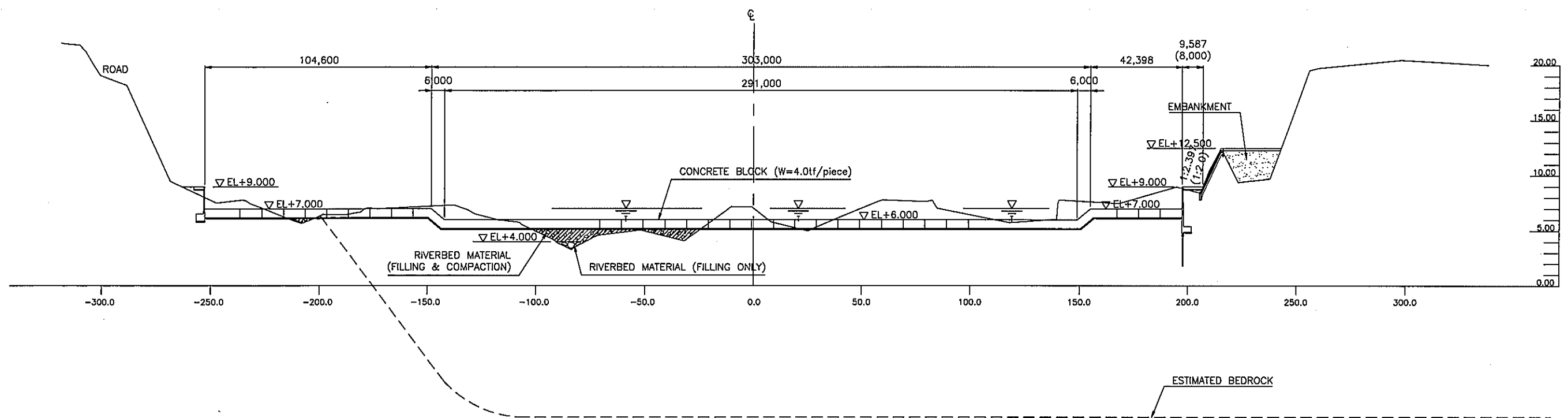
CS - 1



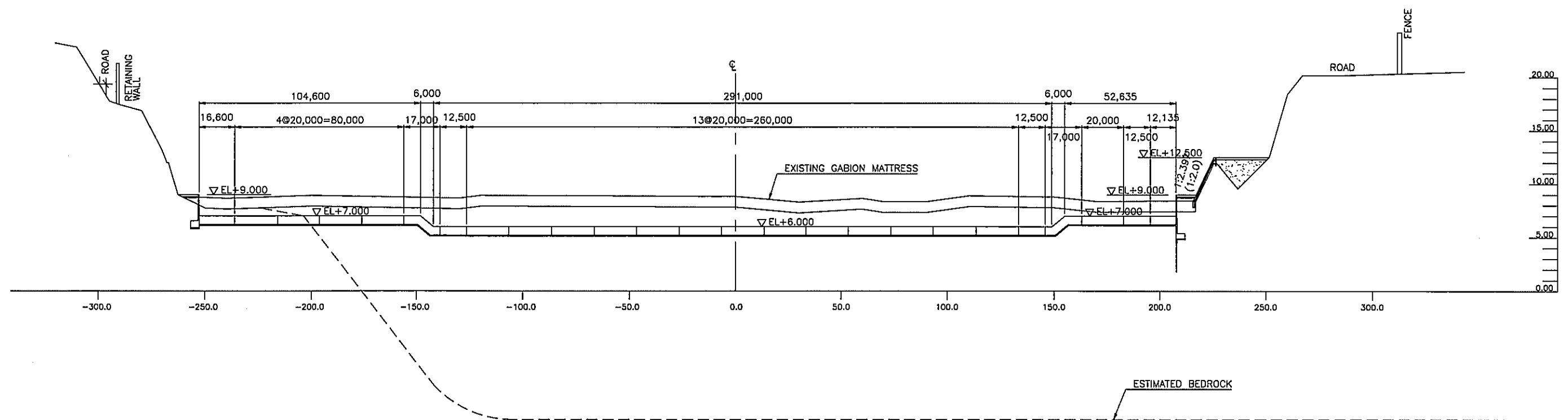
CS - 2



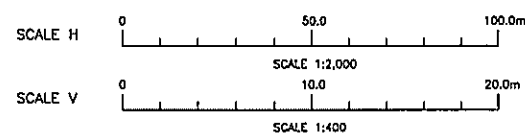
REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
CROSS SECTIONS (1/5)			
DATE	NOV. 2000	D.W.G.NO.	3
JAPAN INTERNATIONAL COOPERATION AGENCY			



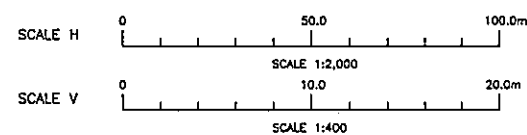
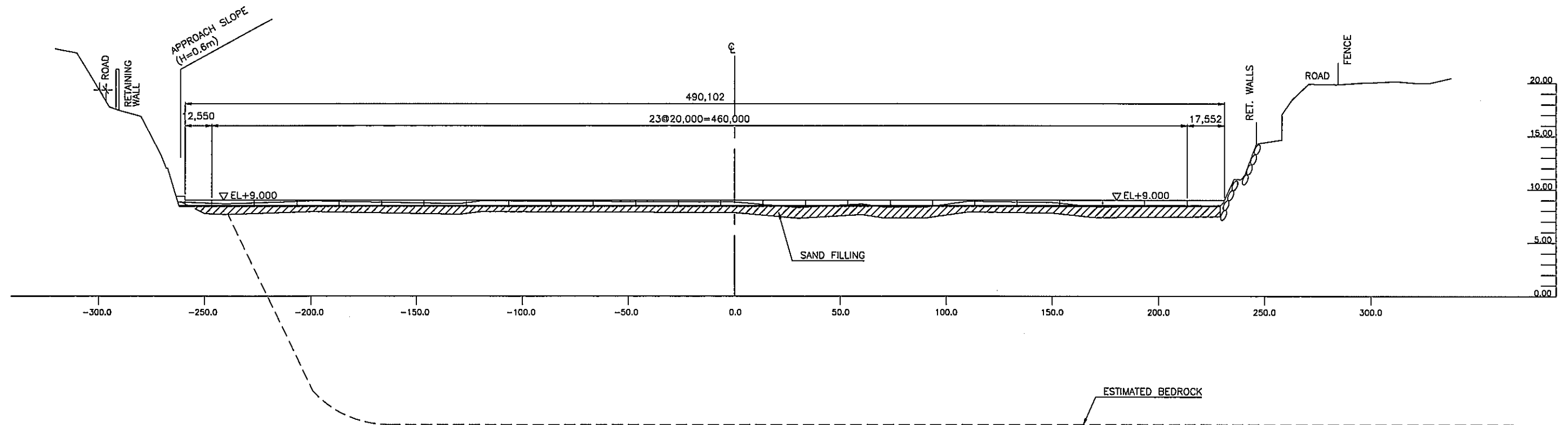
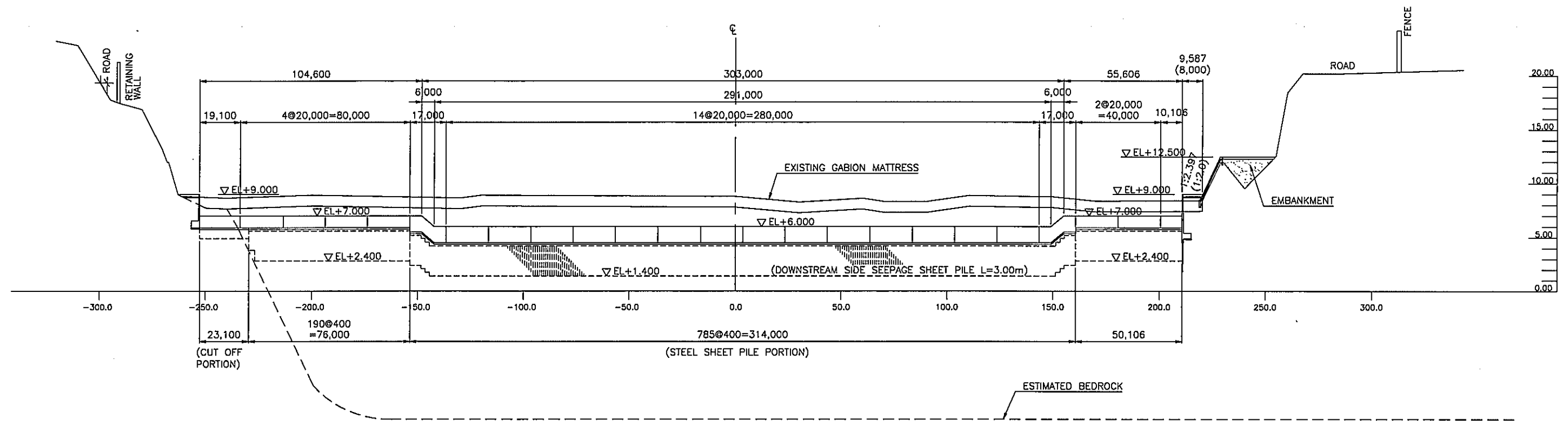
CS - 3



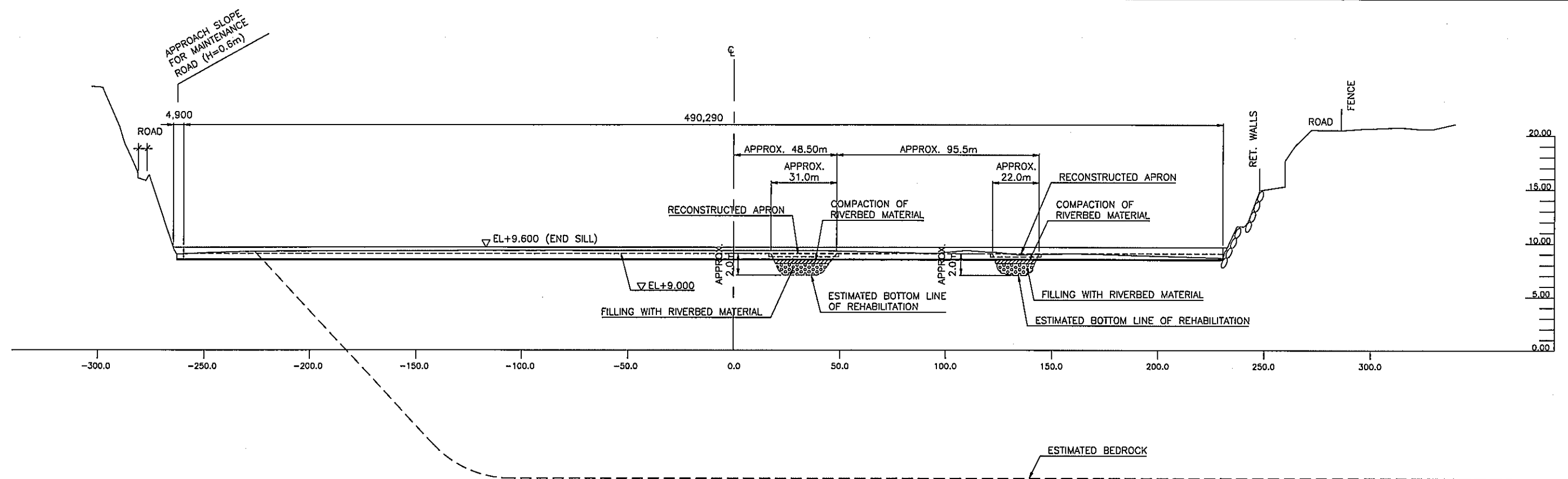
CS - 3 + 15.50



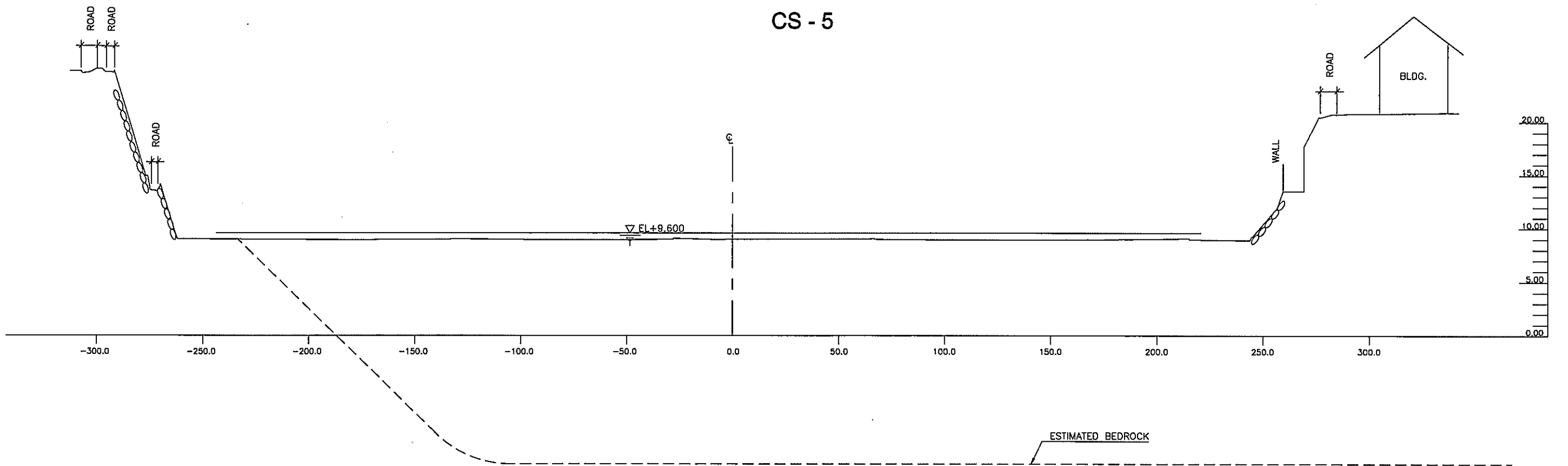
REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
CROSS SECTIONS (2/5)			
DATE	NOV. 2000	D.W.G.NO.	4
JAPAN INTERNATIONAL COOPERATION AGENCY			



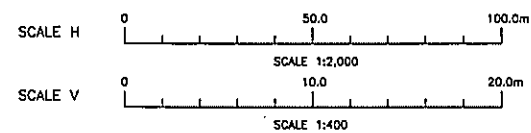
REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
CROSS SECTIONS (3/5)			
DATE	NOV. 2000	D.W.G.NO.	5
JAPAN INTERNATIONAL COOPERATION AGENCY			



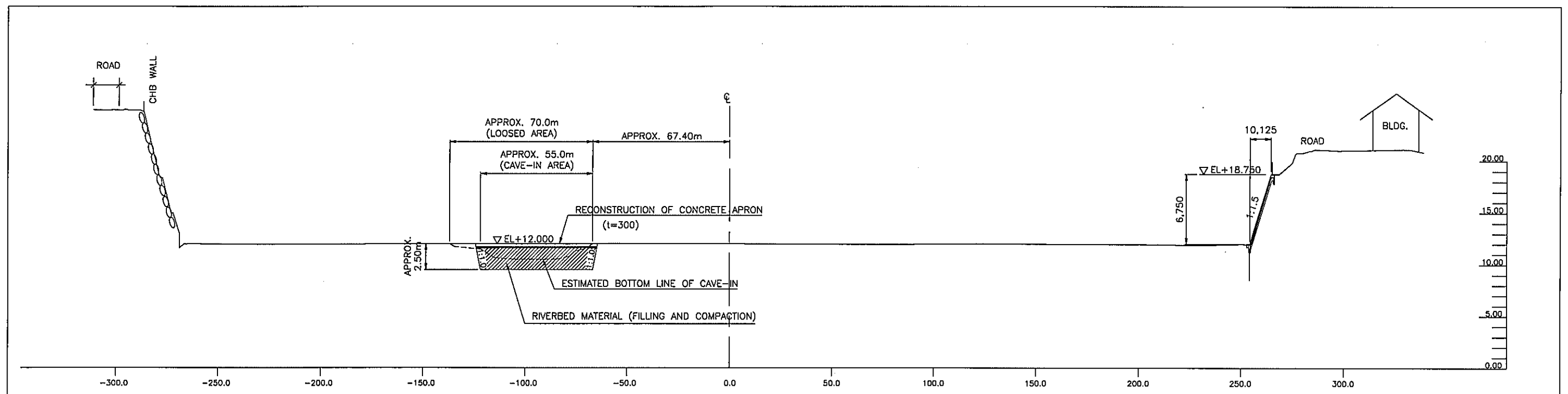
CS - 5



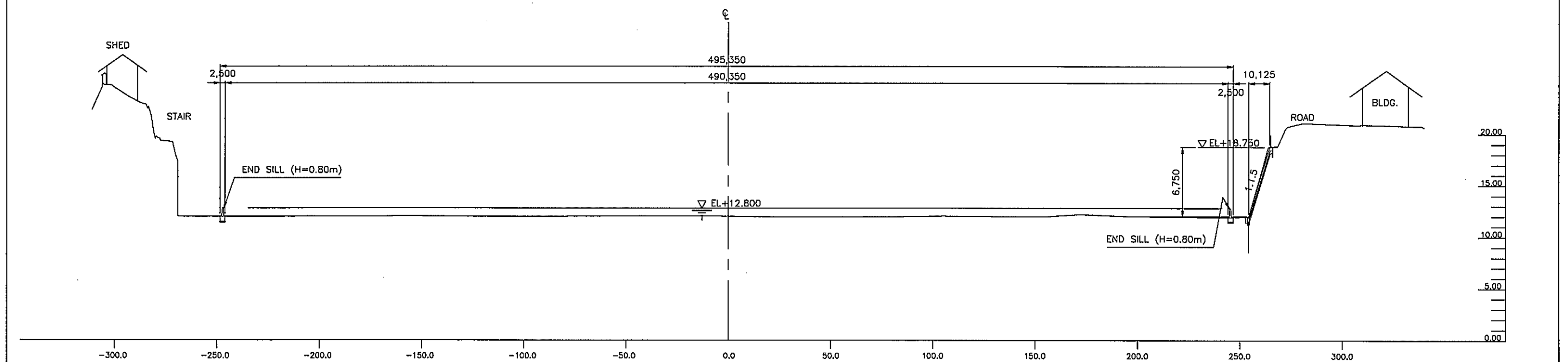
CS - 6



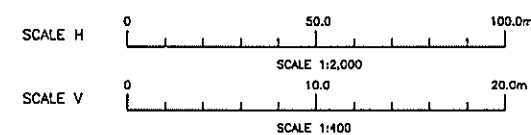
REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
CROSS SECTIONS (4/5)			
DATE	NOV. 2000	D.W.G.NO.	6
JAPAN INTERNATIONAL COOPERATION AGENCY			



CS - 7

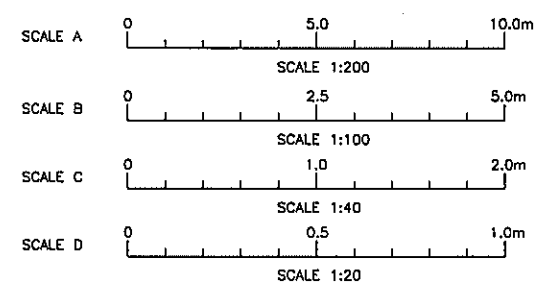
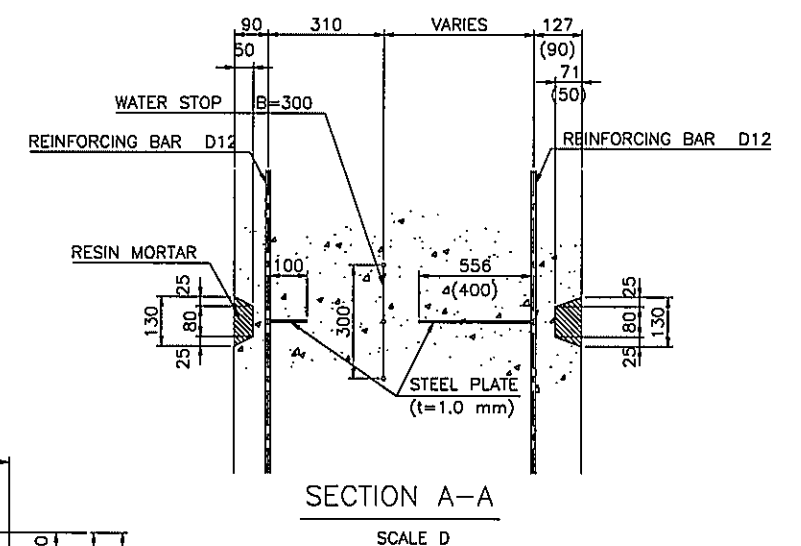
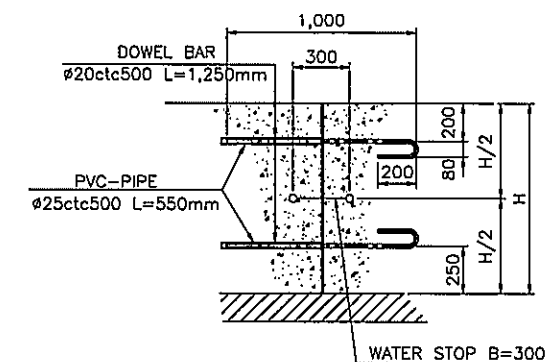
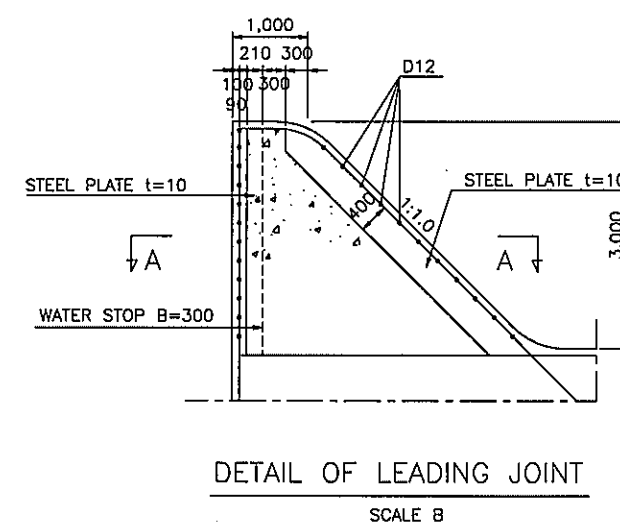
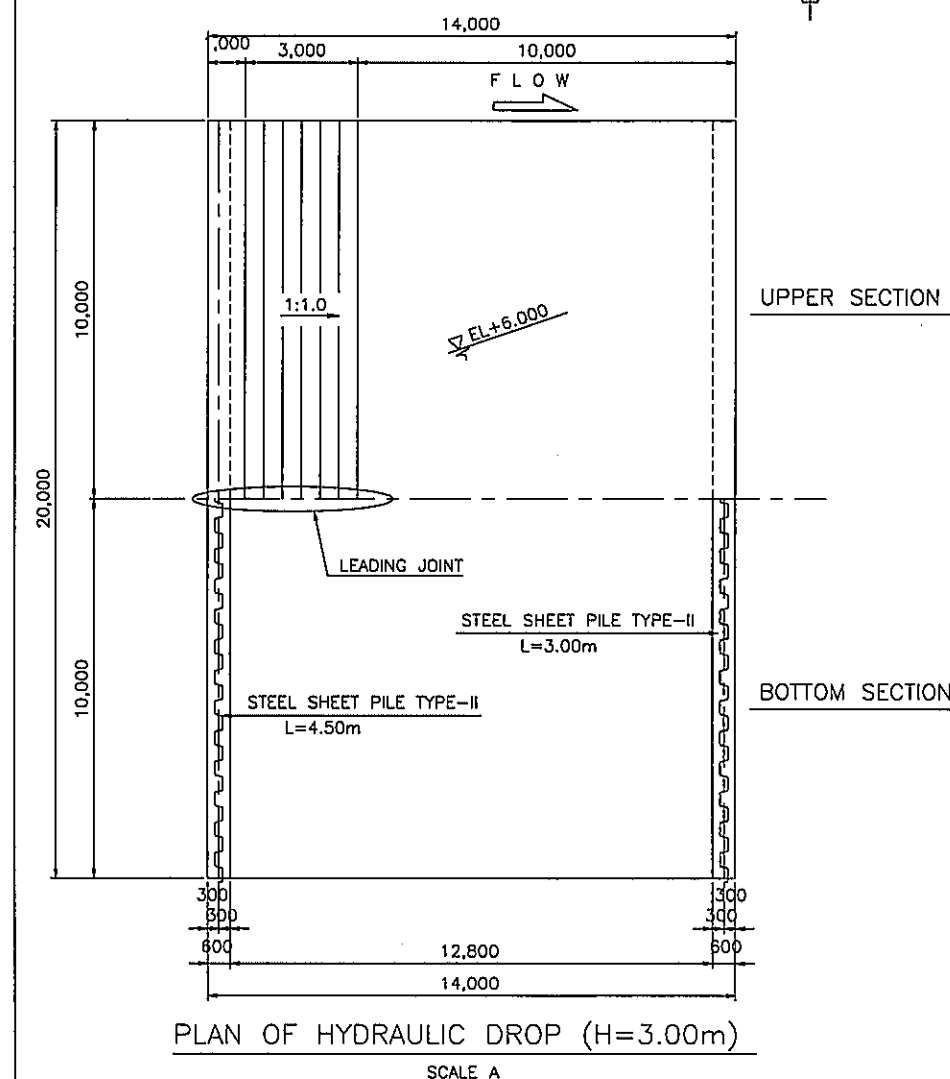
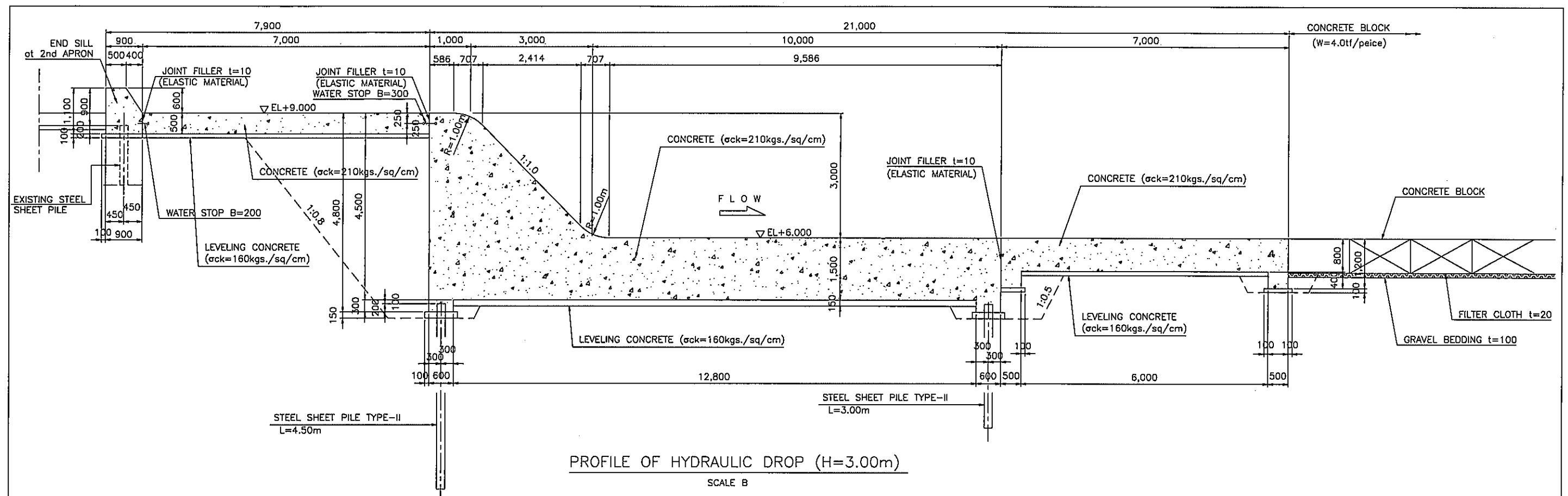


CS - 8

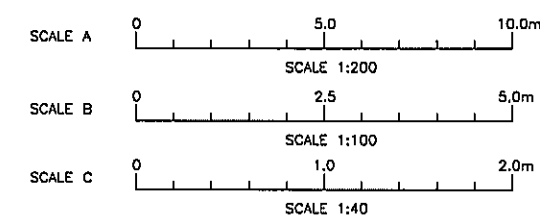
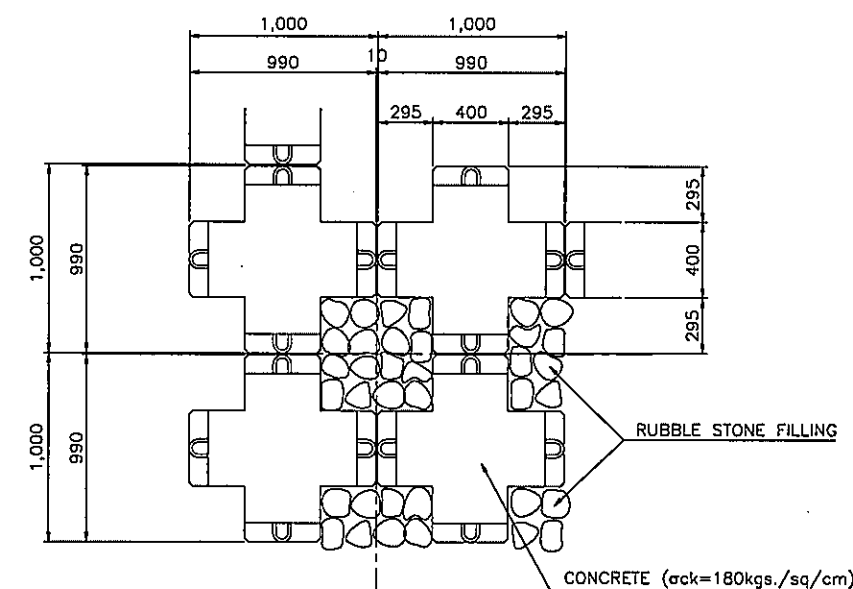
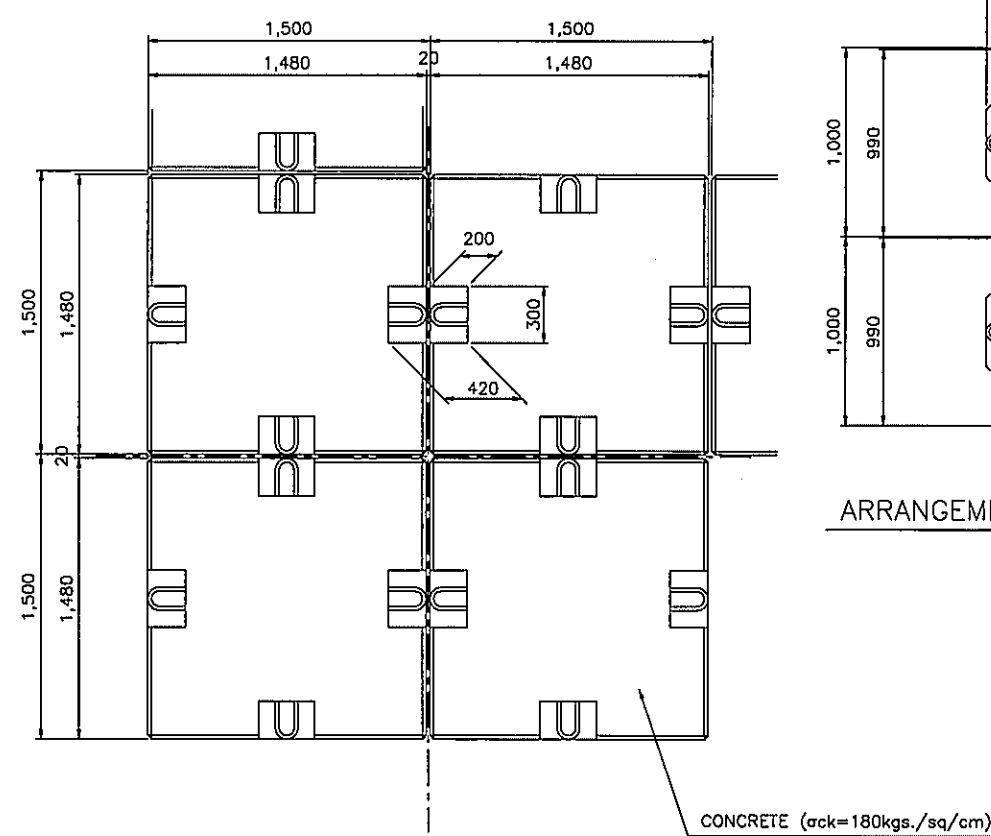
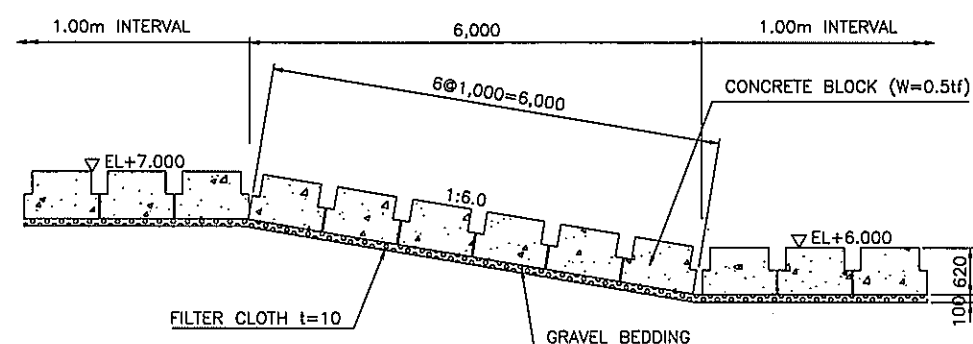
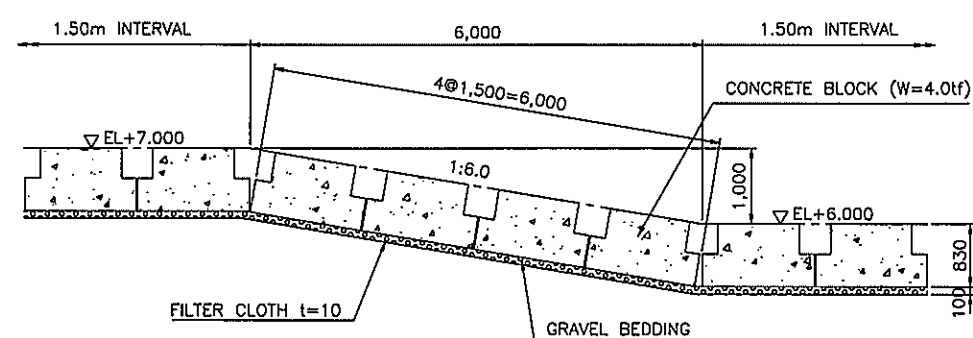
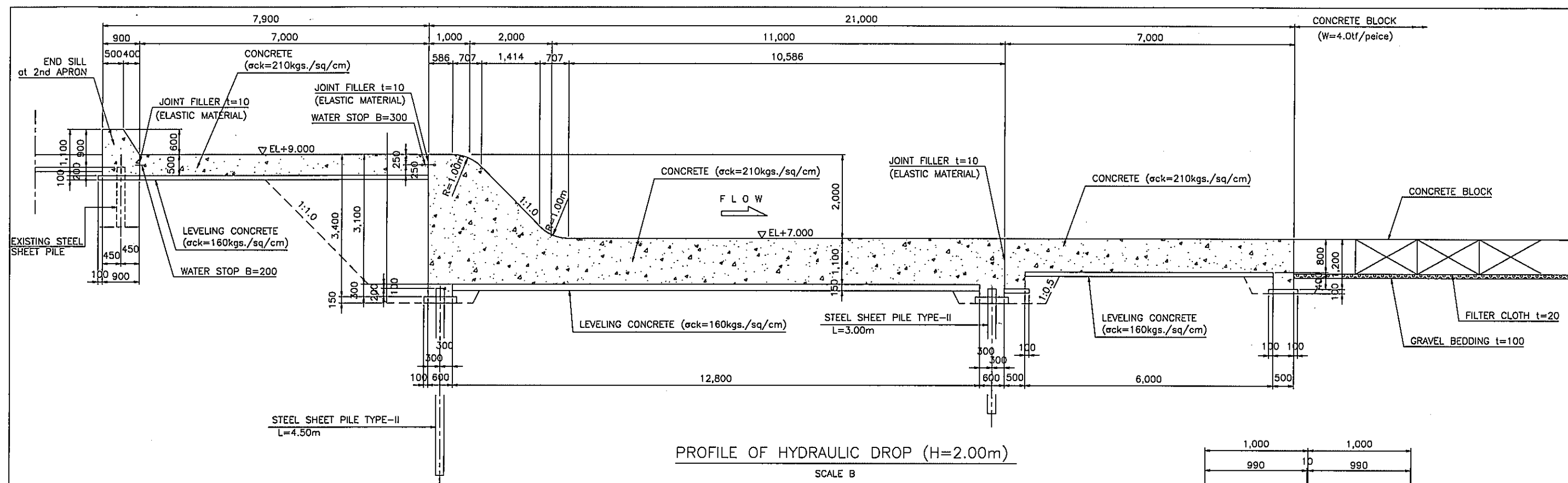


REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
CROSS SECTIONS (5/5)			
DATE	NOV. 2000	D.W.G.NO.	7
JAPAN INTERNATIONAL COOPERATION AGENCY			

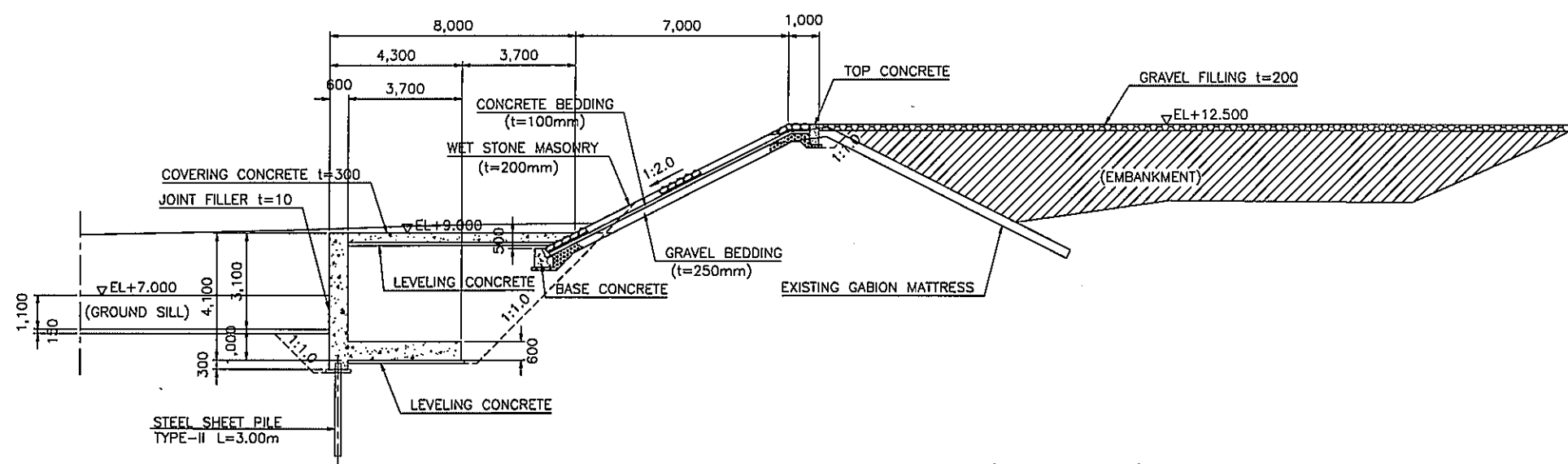




REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
STRUCTURAL DRAWINGS FOR DROP STRUCTURE, APRONS AND RIVERBED PROTECTION (1/3)			
DATE	NOV. 2000	D.W.G.NO.	8
JAPAN INTERNATIONAL COOPERATION AGENCY			

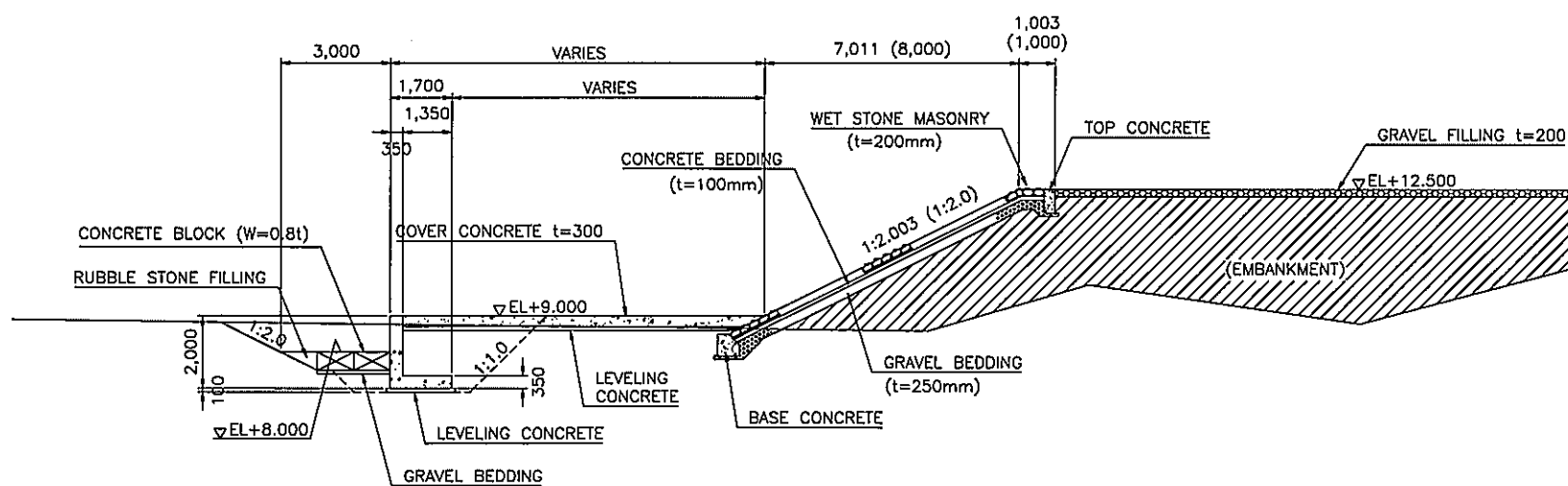






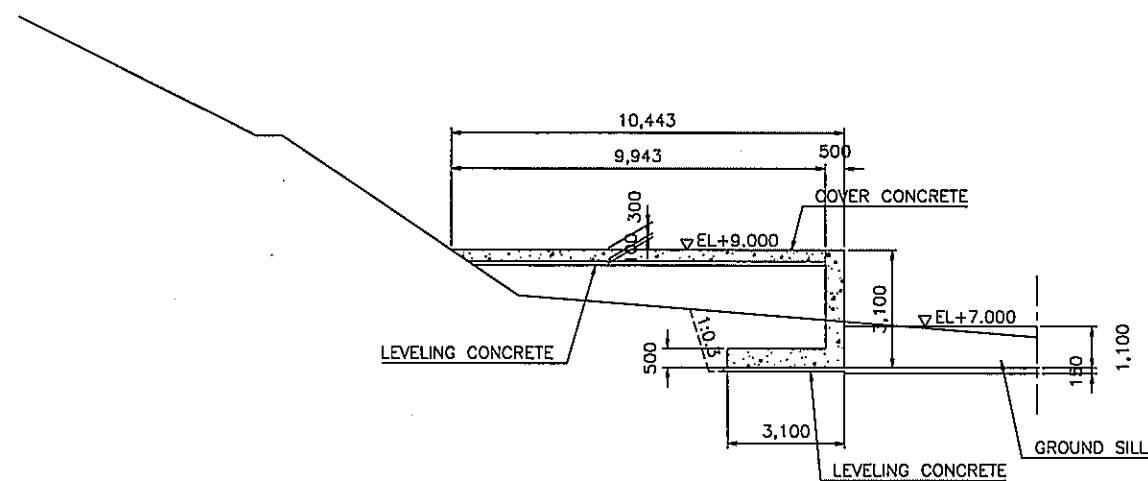
STANDARD CROSS SECTION OF SIDE WALL -1 (RIGHT BANK)

SCALE A



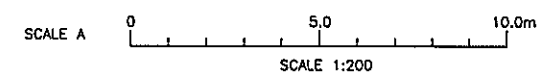
STANDARD CROSS SECTION OF SIDE WALL -2 (RIGHT BANK)

SCALE A

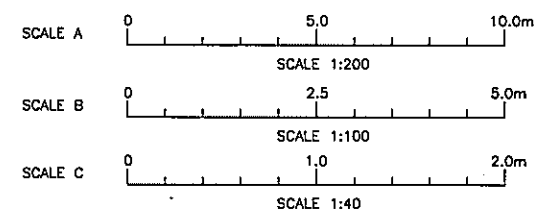
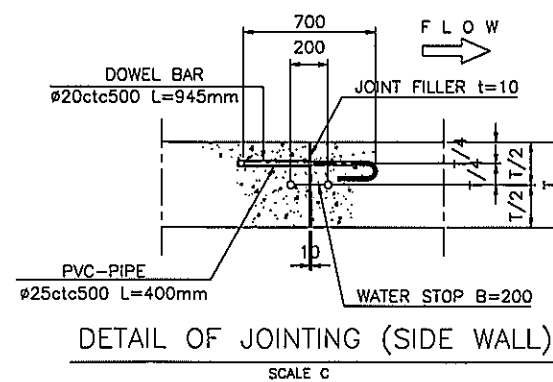
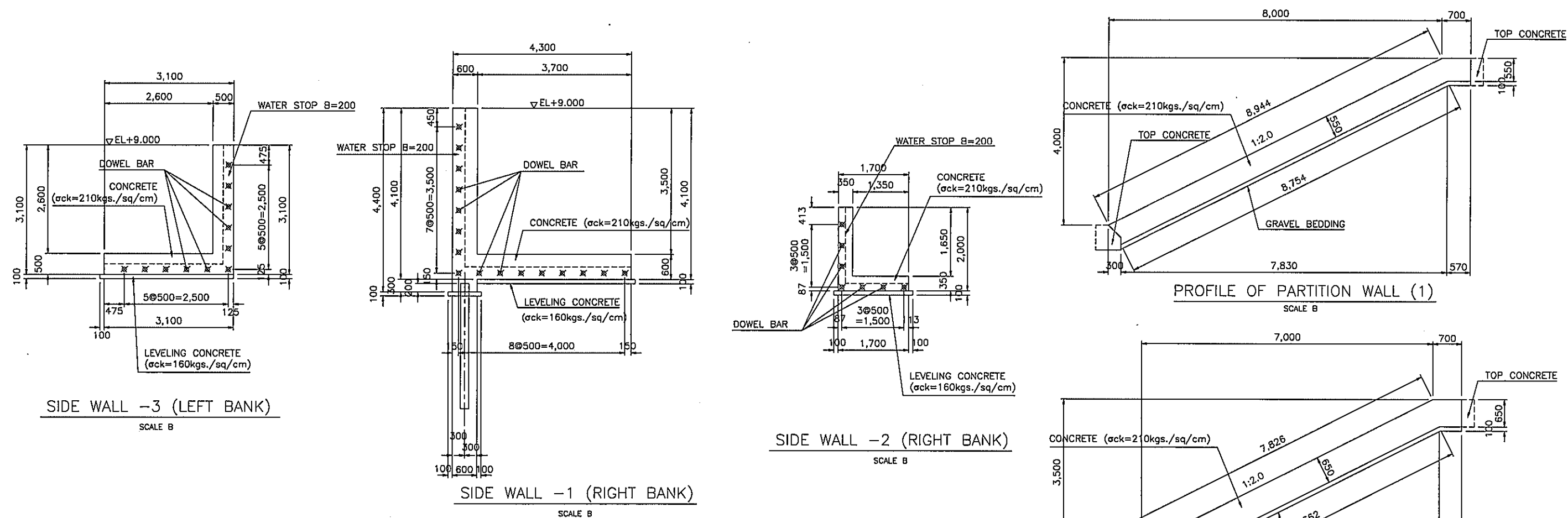


STANDARD CROSS SECTION OF SIDE WALL -3 (LEFT BANK)

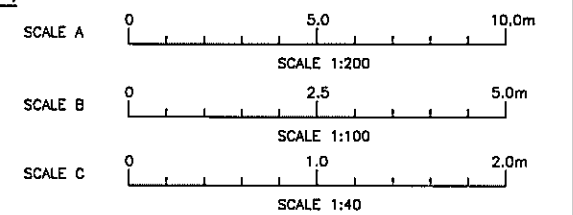
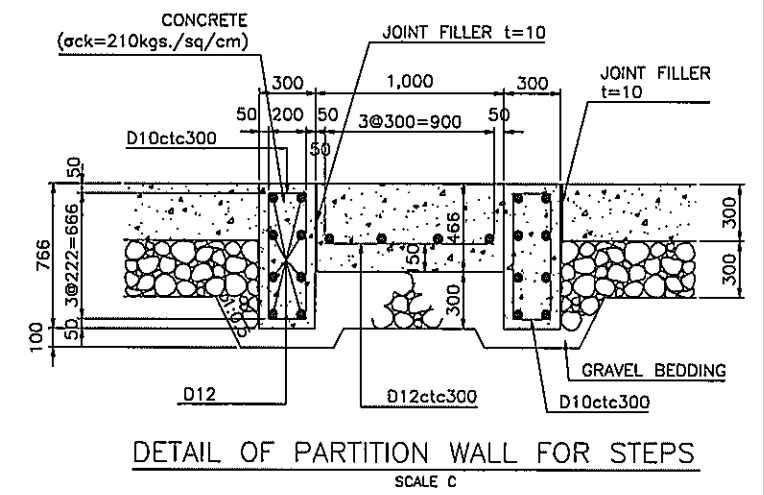
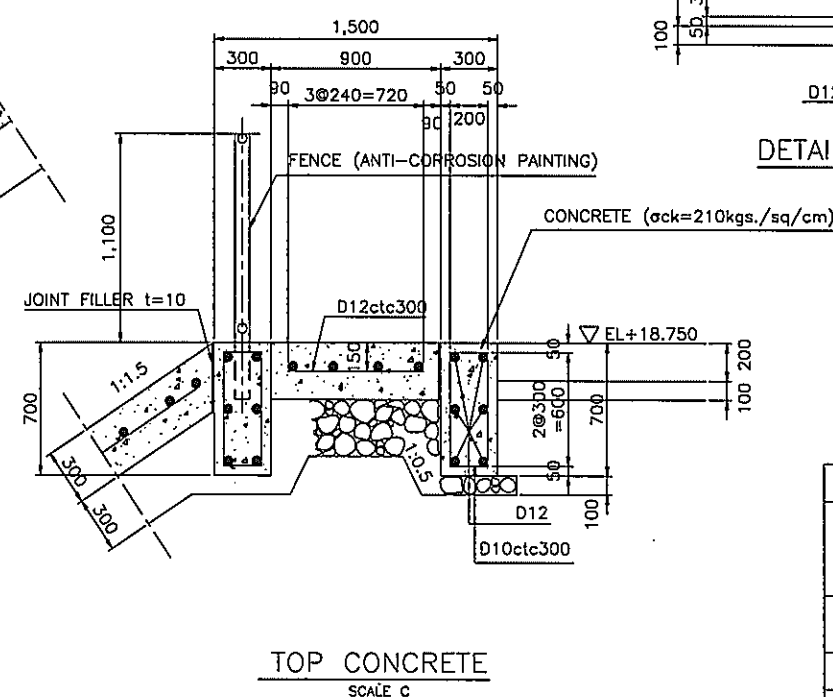
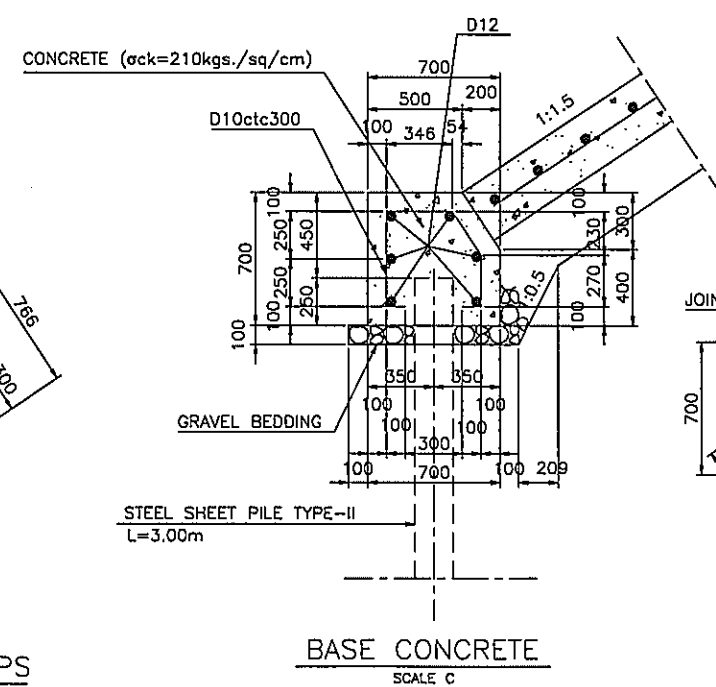
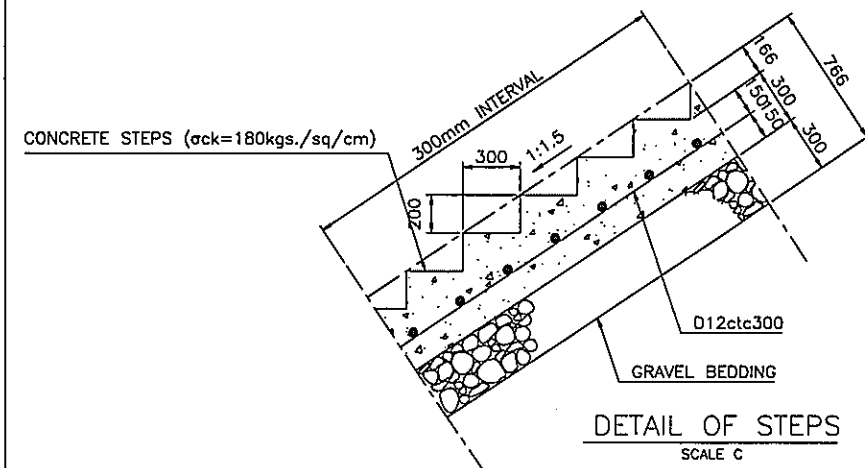
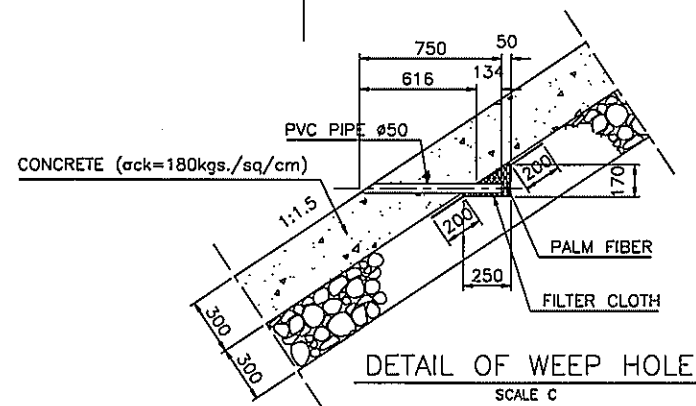
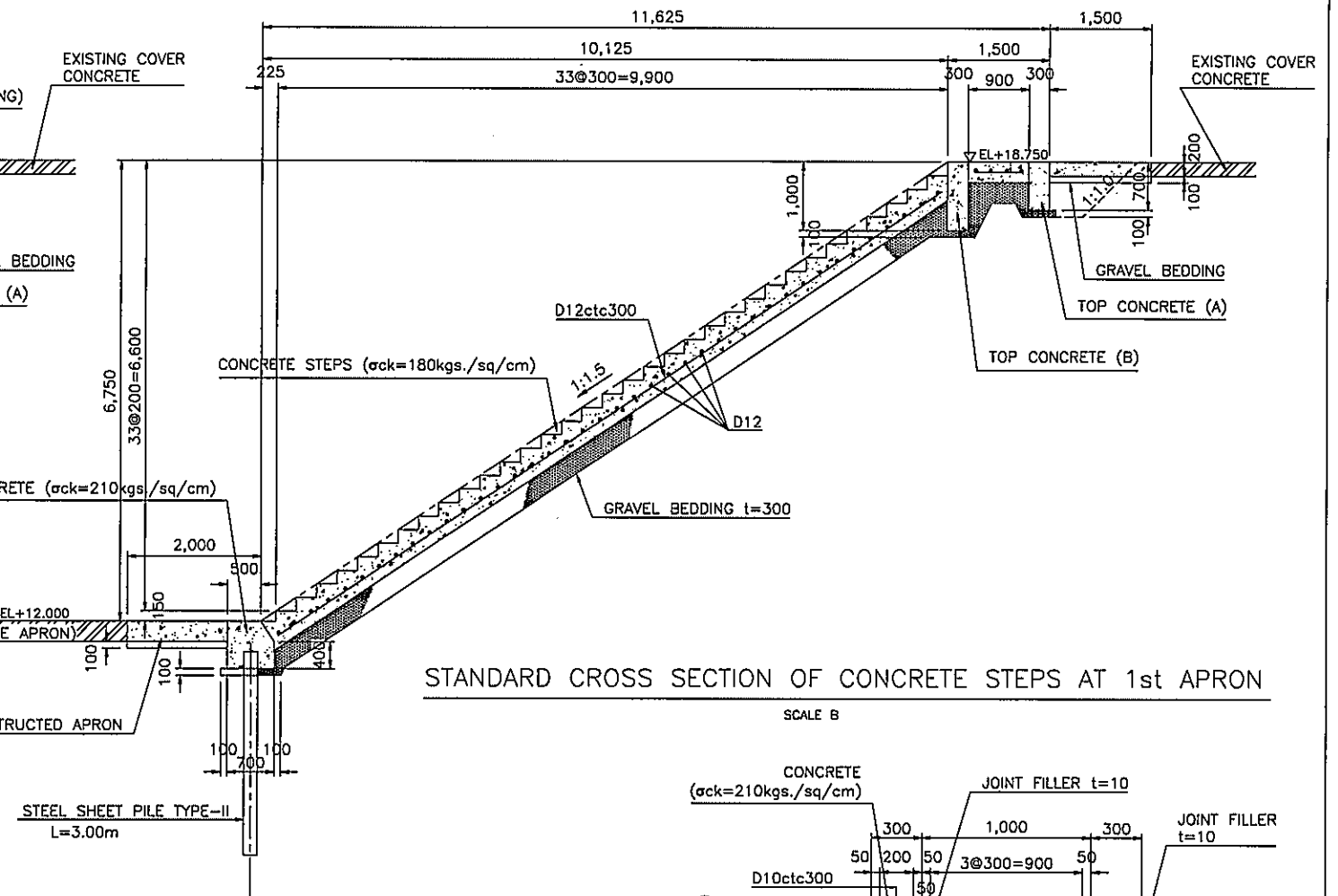
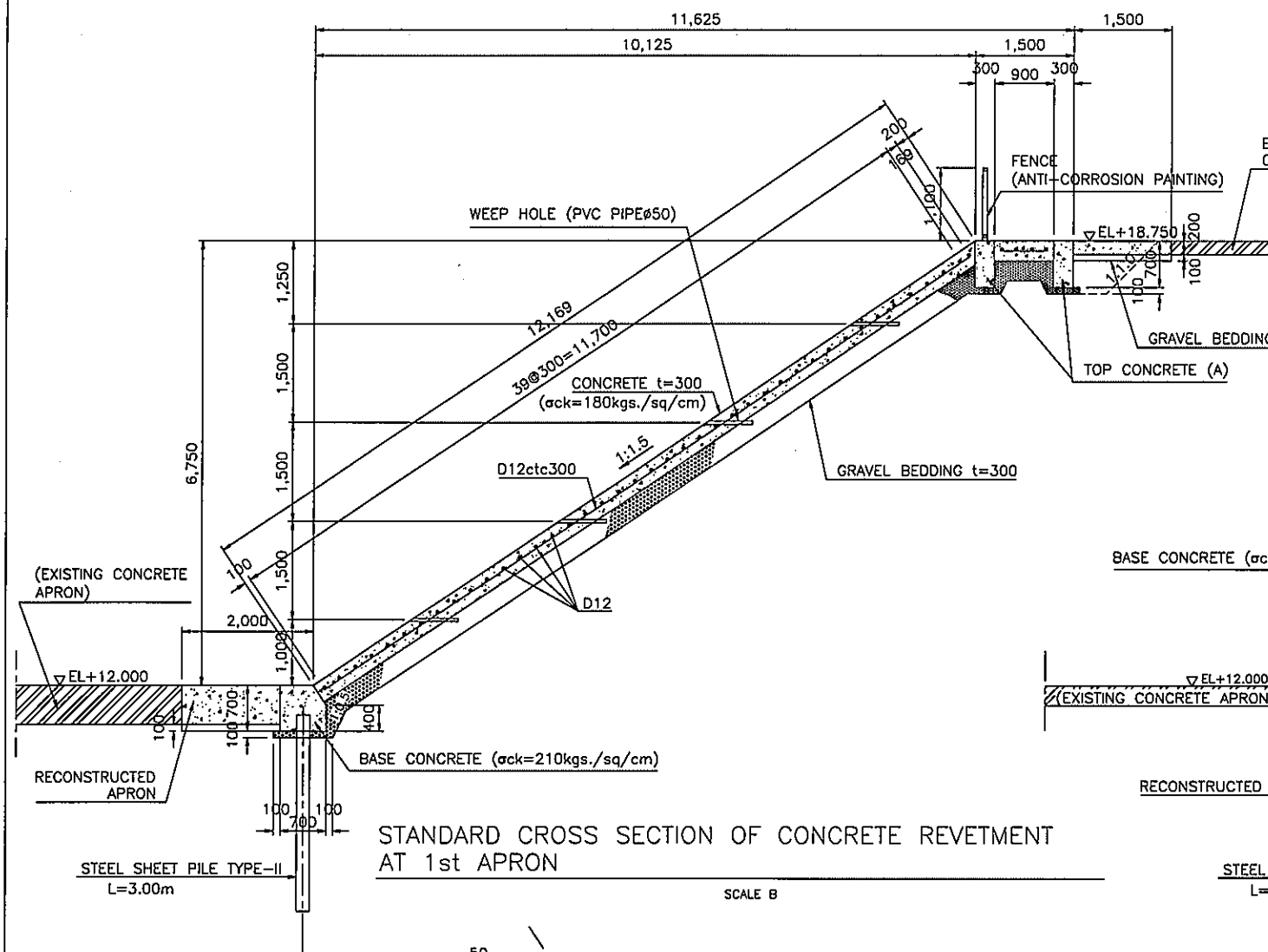
SCALE A



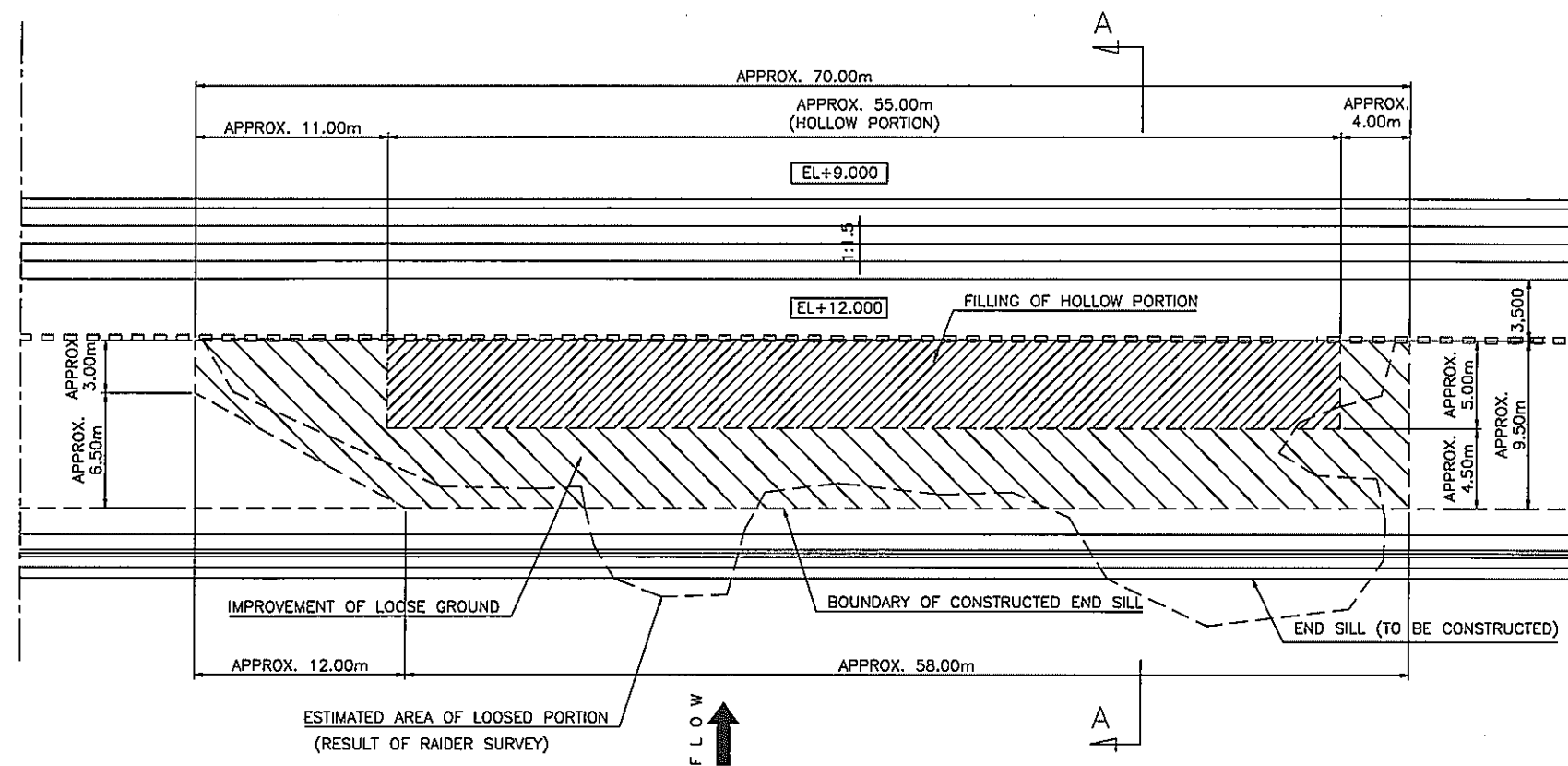
REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
STANDARD CROSS SECTIONS OF SIDE WALL AND REVTMENT FOR TRAINING DIKE			
DATE	NOV. 2000	D.W.G.NO.	11
JAPAN INTERNATIONAL COOPERATION AGENCY			



REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
STRUCTURAL DRAWINGS OF SIDE WALL AND REVETMENT FOR TRAINING DIKE			
DATE	NOV. 2000	D.W.G.NO.	12
JAPAN INTERNATIONAL COOPERATION AGENCY			

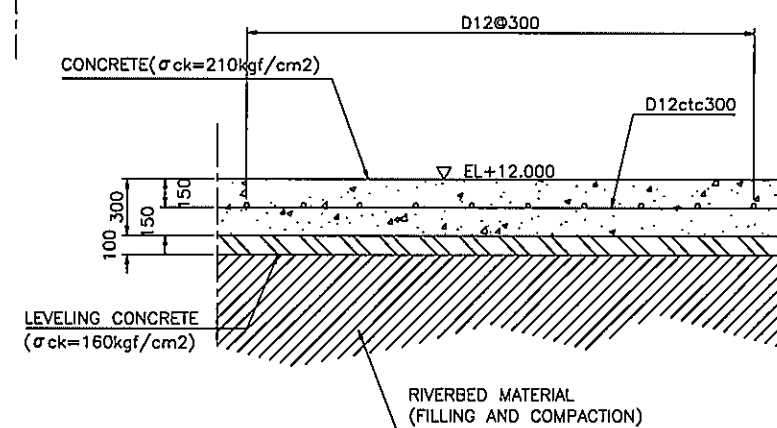






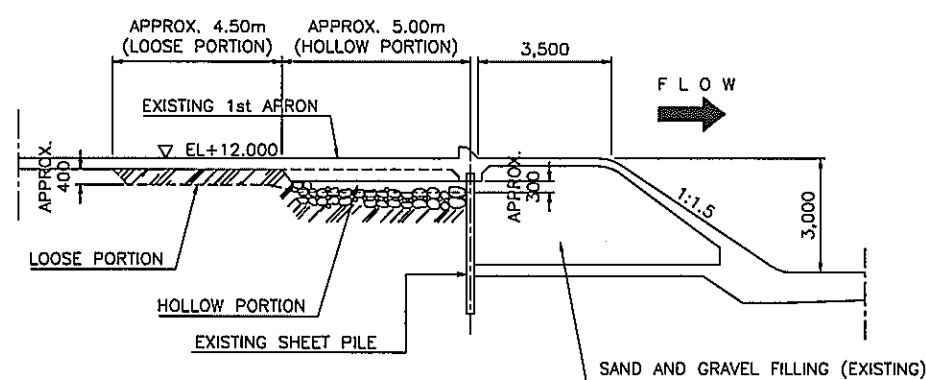
PLAN OF FILLING OF HOLLOW PORTION  
AND IMPROVEMENT OF LOOSE GROUND

SCALE A



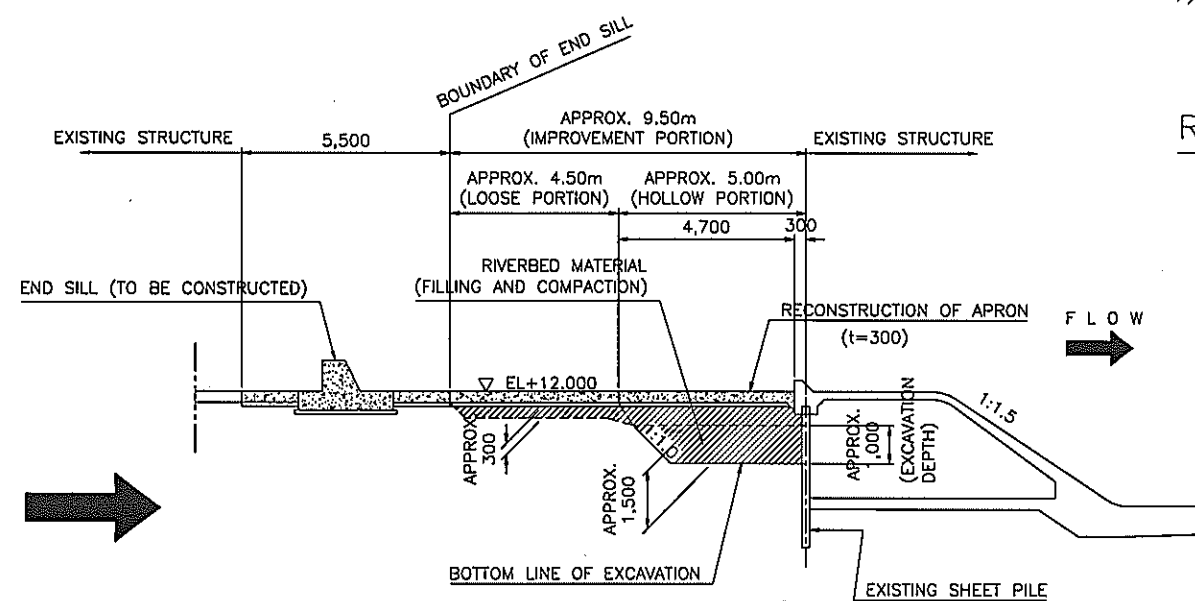
REHABILITATION OF APRON

SCALE C



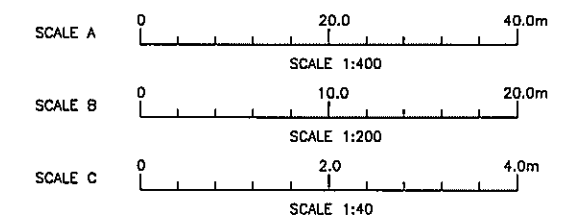
EXISTING CROSS SECTION

SCALE B



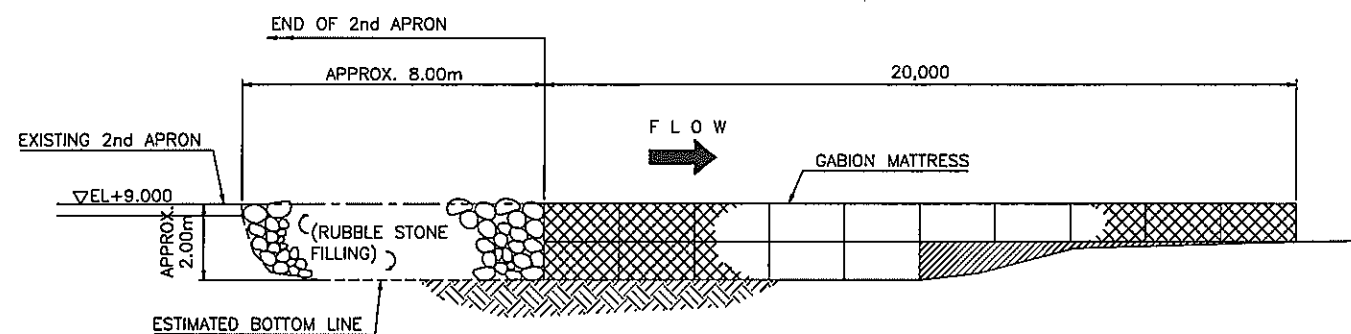
IMPROVEMENT CROSS SECTION (A-A)

SCALE B

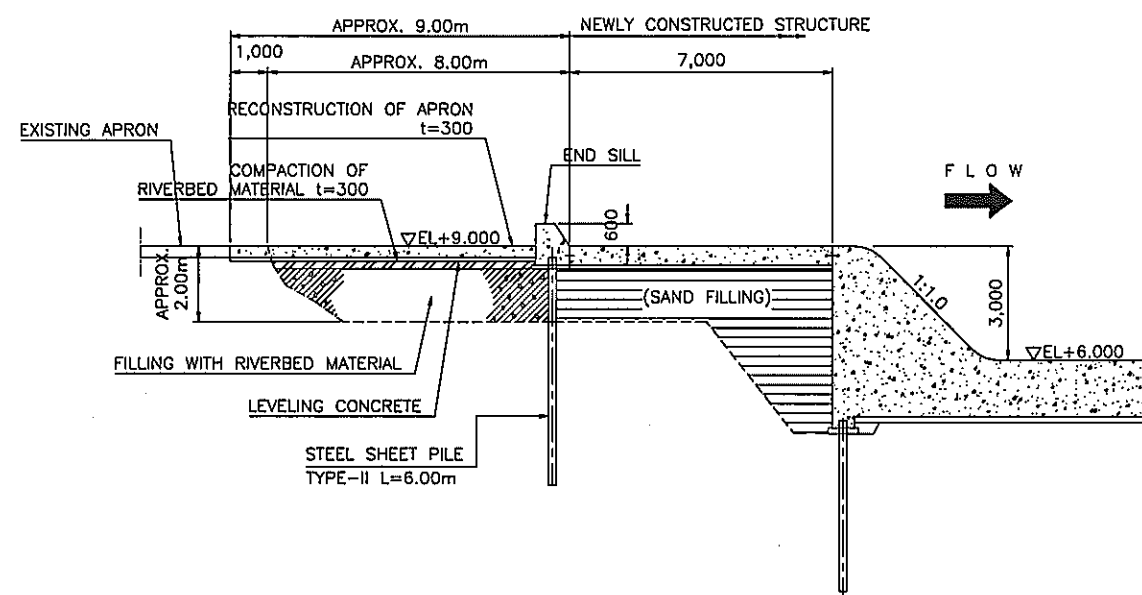


REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
IMPROVEMENT OF HOLLOW PORTION AND LOOSENEED GROUND			
DATE	NOV. 2000	D.W.G.NO.	15
JAPAN INTERNATIONAL COOPERATION AGENCY			

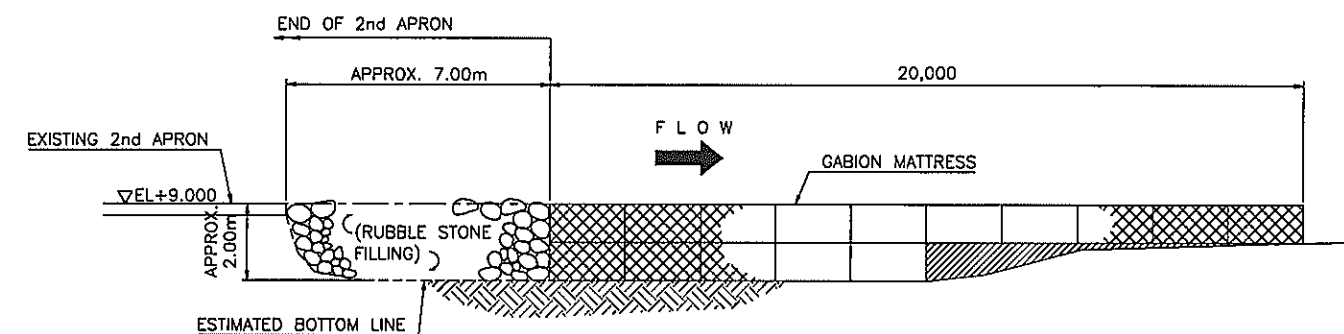




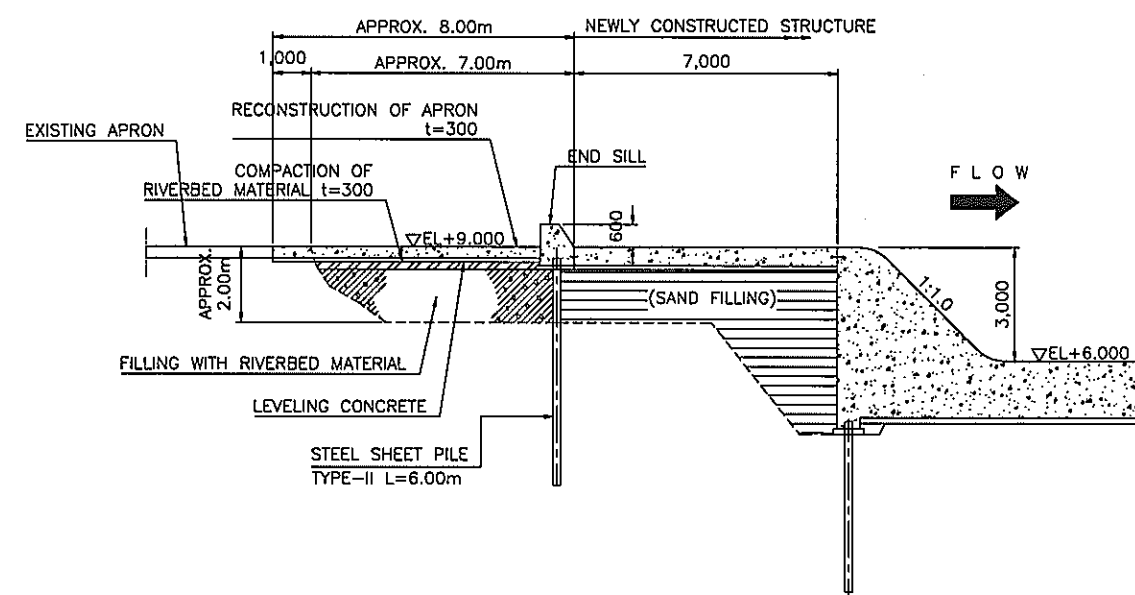
EXISTING CROSS SECTION (L=31.0m)  
SCALE A



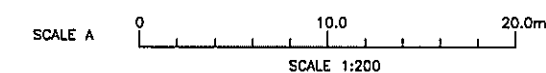
TYPICAL CROSS SECTION OF RIHABILITATION (L=31.0m)  
SCALE A



EXISTING CROSS SECTION (L=22.0m)  
SCALE A



TYPICAL CROSS SECTION OF REHABILITATION (L=22.0m)  
SCALE A



REPUBLIC OF THE PHILIPPINES			
THE BASIC DESIGN STUDY ON THE PROJECT FOR REHABILITATION OF THE APRON AT ANGAT AFTERBAY REGULATOR DAM			
REHABILITATION OF EXISTING CONCRETE APRONS			
DATE	NOV. 2000	D.W.G.NO.	16
JAPAN INTERNATIONAL COOPERATION AGENCY			

