

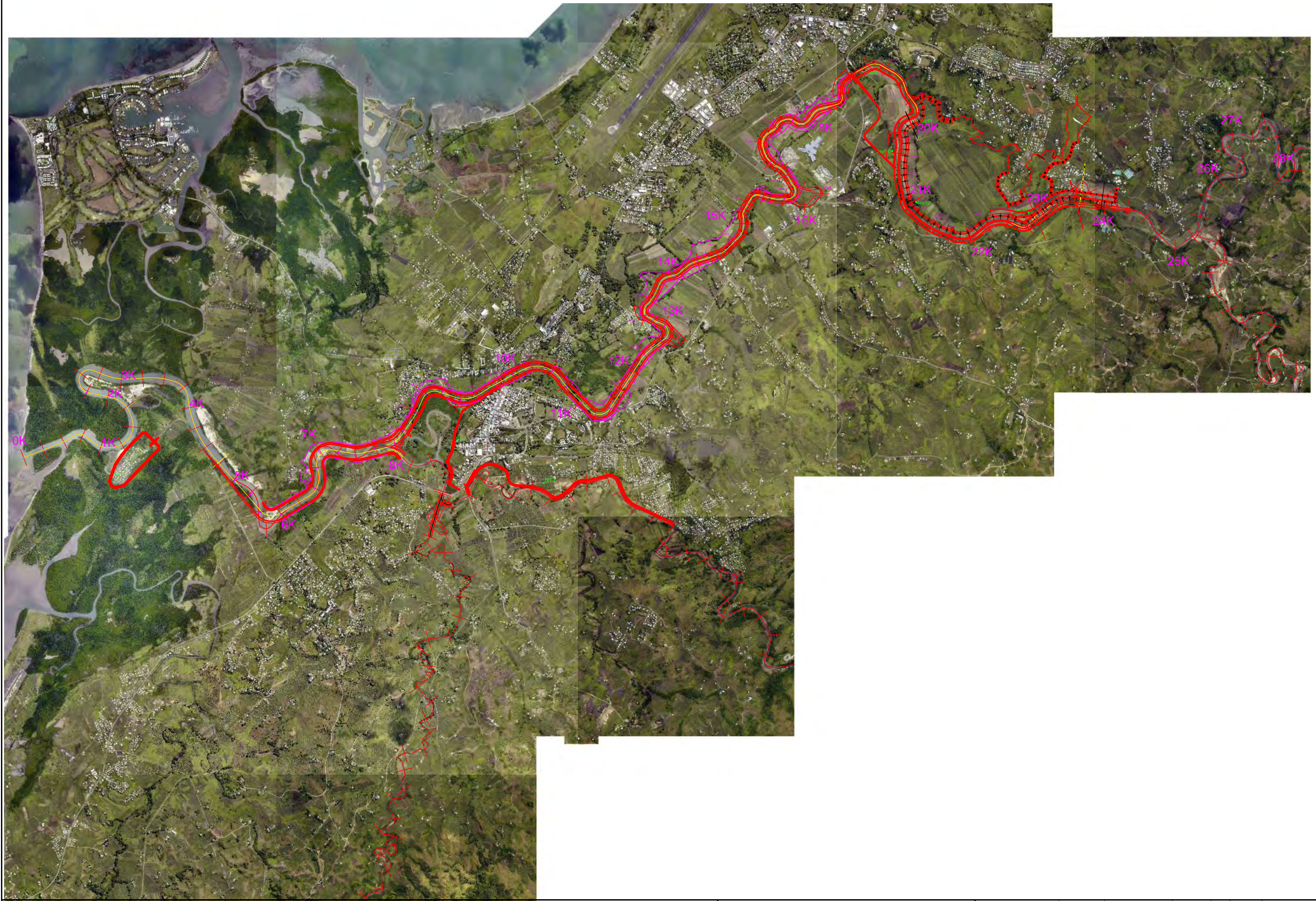
## Appendix-8

### Drawings

# Fiji Nadi Dwg list

No.	Dwg. No.	Title
<b>1. River Widening</b>		
1.	RW-1.	PLAN VIEW ON AERIAL PHOTO
2.	RW-2.	KEY PLAN FOR DETAIL ON AERIAL PHOTO
3.	RW-3.	DESIGN PLAN VIEW (1) ON AERIAL PHOTO
4.	RW-4.	DESIGN PLAN VIEW (2) ON AERIAL PHOTO
5.	RW-5.	DESIGN PLAN VIEW (3) ON AERIAL PHOTO
6.	RW-6.	DESIGN PLAN VIEW (4) ON AERIAL PHOTO
7.	RW-7.	PLAN VIEW ON CONTOUR MAP
8.	RW-8.	KEY PLAN FOR DETAIL ON CONTOUR MAP
9.	RW-9.	DESIGN PLAN VIEW (1) ON CONTOUR MAP
10.	RW-10.	DESIGN PLAN VIEW (2) ON CONTOUR MAP
11.	RW-11.	DESIGN PLAN VIEW (3) ON CONTOUR MAP
12.	RW-12.	DESIGN PLAN VIEW (4) ON CONTOUR MAP
13.	RW-13.	TYPICAL CROSS SECTION
14.	RW-14.	CROSS SECTION 4.00K - 5.50K
15.	RW-15.	CROSS SECTION 6.00K - 7.50K
16.	RW-16.	CROSS SECTION 8.00K - 8.50K
17.	RW-17.	CROSS SECTION 9.00K - 9.50K
18.	RW-18.	CROSS SECTION 10.00K - 10.50K
19.	RW-19.	CROSS SECTION 10.75K - 11.75K
20.	RW-20.	CROSS SECTION 12.00K - 12.75K
21.	RW-21.	CROSS SECTION 13.00K - 13.75K
22.	RW-22.	CROSS SECTION 14.00K - 14.75K
23.	RW-23.	CROSS SECTION 15.00K - 15.75K
24.	RW-24.	CROSS SECTION 16.00K - 16.75K
25.	RW-25.	CROSS SECTION 17.00K - 17.50K
26.	RW-26.	CROSS SECTION 17.75K - 18.50K
27.	RW-27.	CROSS SECTION 18.75K - 19.50K
28.	RW-28.	GENERAL PLAN OF SLUICEWAYS

No.	Dwg. No.	Title
<b>2. Retarding Basin</b>		
29.	RB-01.	PLAN VIEW OF RETARDING BASIN
30.	RB-02.	TYPICAL CROSS SECTION OF RETARDING BASIN
31.	RB-03.	CROSS SECTION OF RETARDING BASIN 18.75K - 19.50K
32.	RB-04.	CROSS SECTION OF RETARDING BASIN 19.75K - 20.50K
33.	RB-05.	CROSS SECTION OF RETARDING BASIN 20.75K - 21.50K
34.	RB-06.	CROSS SECTION OF RETARDING BASIN 21.75K - 22.50K
35.	RB-07.	CROSS SECTION OF RETARDING BASIN 22.75K - 23.25K
36.	RB-08.	CROSS SECTION OF RETARDING BASIN 23.75K - 24.25K
37.	RB-09.	CROSS SECTION OF OVERFLOW DIKE
38.	RB-10.	GENERAL PLAN OF OVERFLOW DIKE FOR RETARDING BASIN A
39.	RB-11.	GENERAL PLAN OF OVERFLOW DIKE FOR RETARDING BASIN B
40.	RB-12.	GENERAL PLAN OF SLUICEWAYS OF RETARDING BASIN A
41.	RB-13.	GENERAL PLAN OF SLUICEWAYS OF RETARDING BASIN B
42.	RB-14.	GENERAL CROSS SECTION OF SURROUNDING DIKE OF RETARDING BASIN A, B
<b>3. Surrounding Dike</b>		
43.	SD-01.	PLAN VIEW OF SURROUNDING DIKE
44.	SD-02.	TYPICAL CROSS SECTION OF SURROUNDING DIKE
45.	SD-03.	CROSS SECTION OF SURROUNDING DIKE 01
46.	SD-04.	CROSS SECTION OF SURROUNDING DIKE 02
47.	SD-05.	CROSS SECTION OF SURROUNDING DIKE 03
48.	SD-06.	CROSS SECTION OF SURROUNDING DIKE 04
49.	SD-07.	CROSS SECTION OF SURROUNDING DIKE 05
50.	SD-08.	CROSS SECTION OF SURROUNDING DIKE 06
51.	SD-09.	GENERAL PLAN OF SLUICEWAYS FOR DRAINAGE OF SURROUNDING DIKE FOR NADI TOWN
52.	SD-10.	FLOOD WALL GATE (1)
53.	SD-11.	FLOOD WALL GATE (2)
54.	SD-12.	FLOOD WALL GATE (3)
<b>4. Ring Dike</b>		
55.	RD-1.	PLAN VIEW OF RING DIKE
56.	RD-2.	TYPICAL CROSS SECTION OF RING DIKE
57.	RD-3.	GENERAL PLAN OF ACCESS ROAD OF RING DIKE
58.	RD-4.	GENERAL PLAN OF SLUICEWAYS OF RING DIKE
<b>5. Shortcuts of Tributaries</b>		
59.	SD-1.	PLAN VIEW OF SHORTCUTS OF TRIBUTARIES
60.	SD-2.	TYPICAL CROSS SECTION OF SHORTCUTS OF TRIBUTARIES
<b>6. Rebuilding of Bridges</b>		
61.	B-1.	GENERAL VIEW OF NADI TOWN BRIDGE
62.	B-2.	GENERAL VIEW OF OLD QUEENS ROAD BRIDGE (ROAD)
63.	B-3.	TYPICAL CROSS SECTION OF RIVER BANK PROTECTION



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-2

TITLE  
 PLAN VIEW  
 ON AERIAL PHOTO

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 40,000	
DATE SURVEYED:		DATE PLOTTED :				DWG No.	RW-1	
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Field Book No:		APPROVED :						
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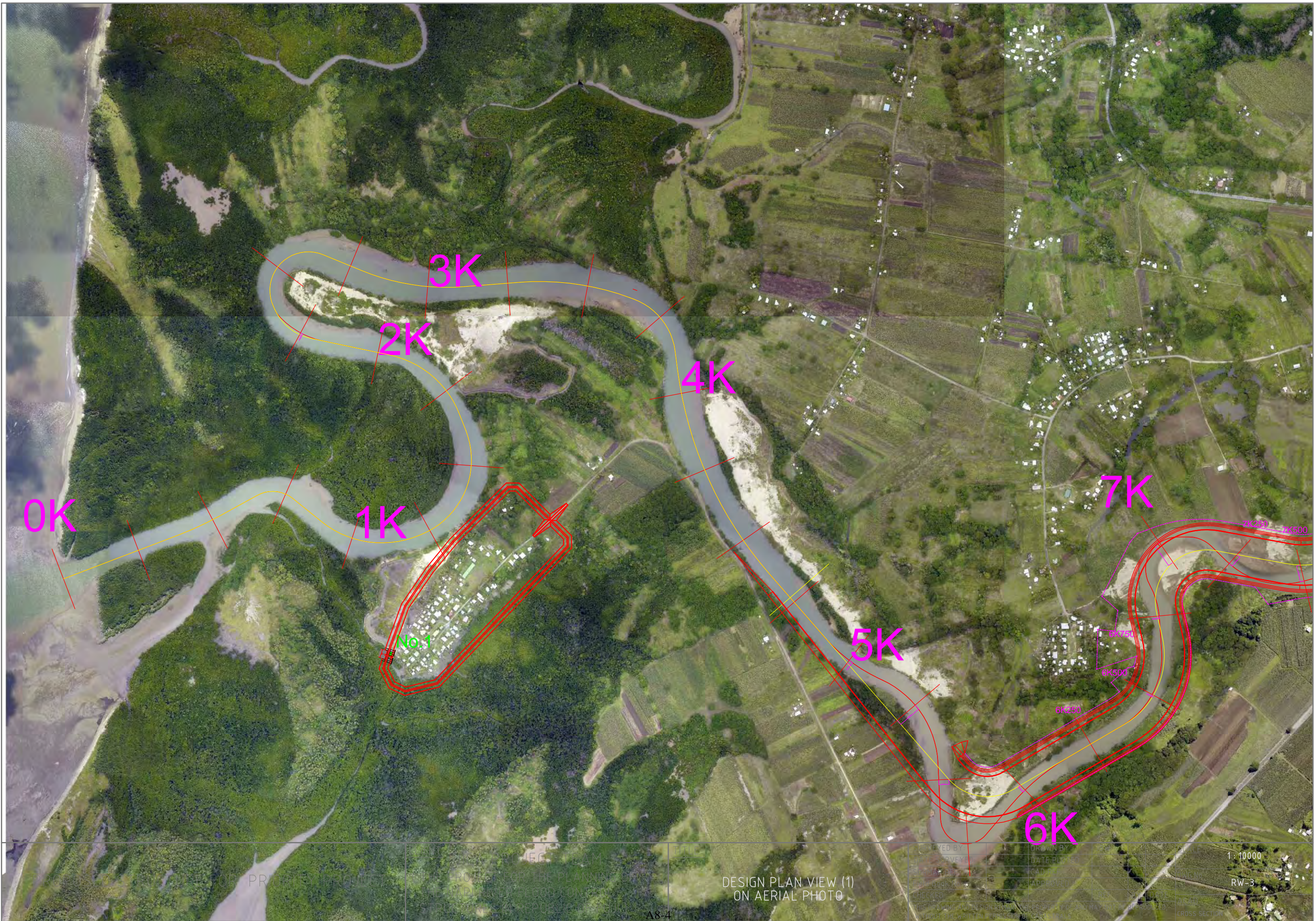
PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-3

TITLE  
 KEY PLAN FOR DETAIL  
 ON AERIAL PHOTO

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DATE SURVEYED:		DATE PLOTTED :				DWG No.	RW-2	
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Field Book No:		APPROVED :				CROSS SECTION		
CHECKED:		REF	BY	DATE				
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0K

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No. 1

5K

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7K250 7K500

6K750

6K500

6K250

PROJECT TEAM ENGINEER ARCHITECT SURVEYOR CHECKER DATE SCALE 1:10000 RW-3 CROSS SECTION	DESIGNED BY DRAWN BY DATE PLOTTED CAD FILE APPRVED BY DATE	PROJECT NO. SHEET NO. SHEET TOTAL PROJECT TITLE DESIGN PLAN VIEW (1) ON AERIAL PHOTO
	PROJECT TITLE DESIGN PLAN VIEW (1) ON AERIAL PHOTO	



8K

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13K

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No. 2

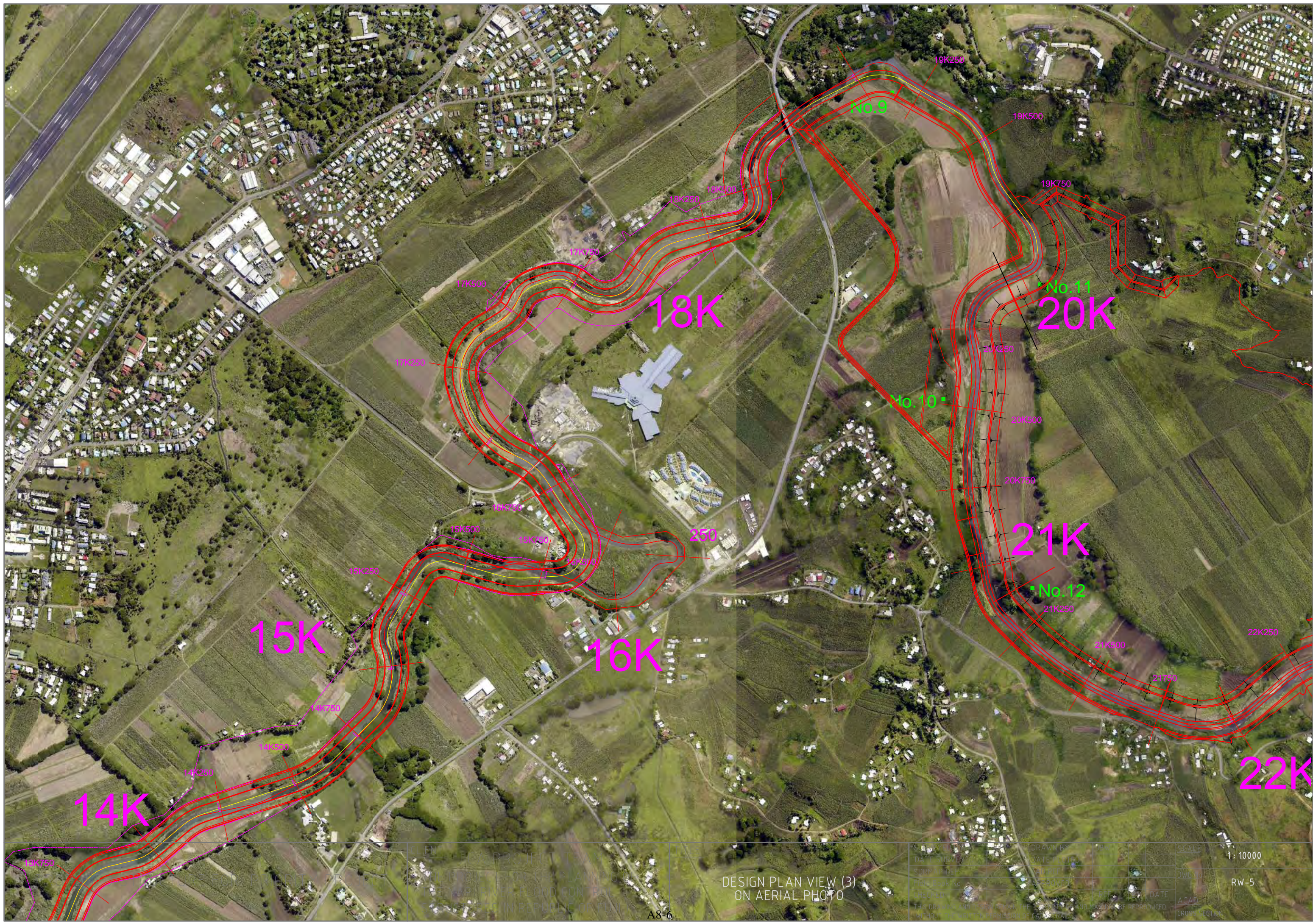
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DESIGN PLAN VIEW (2)  
ON AERIAL PHOTO

SCALE  
1: 10000

RW-4

A8-5



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20K

21K

22K

No. 9

No. 10

No. 11

No. 12

LEWIS COUNTY PROJECT TEAM  
 COUNTY ENGINEER FOR THE PLANNING  
 AND DESIGN DIVISION  
 COUNTY ENGINEER FOR THE PLANNING  
 AND DESIGN DIVISION

DESIGN PLAN VIEW (3)  
 ON AERIAL PHOTO

A8-6

DATE SUBMITTED	DATE REVIEWED	SCALE	1:10000
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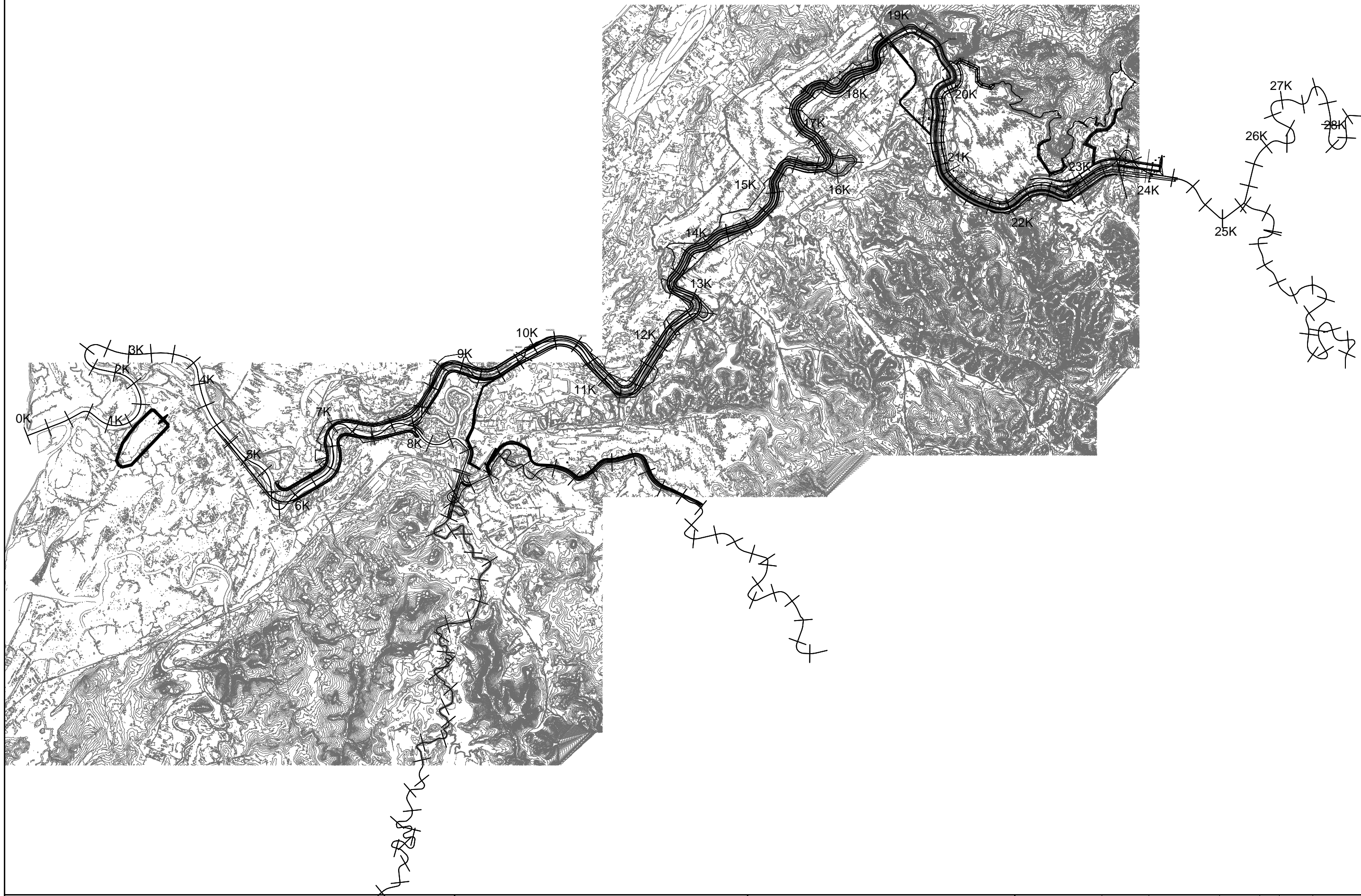
PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT: JICA PROJECT TEAM  
 (THE PROJECT FOR THE PLANNING OF  
 THE NARI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FIJI)

TITLE:  
 DESIGN PLAN VIEW (4)  
 ON AERIAL PHOTO

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DATE SURVEYED	DATE PLOTTED			
SDRMAP REF	CAD REF			
Field Book No.	APPROVED			RW-6
CHECKED				ACAD
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PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-8

TITLE  
 PLAN VIEW  
 ON CONTOUR MAP

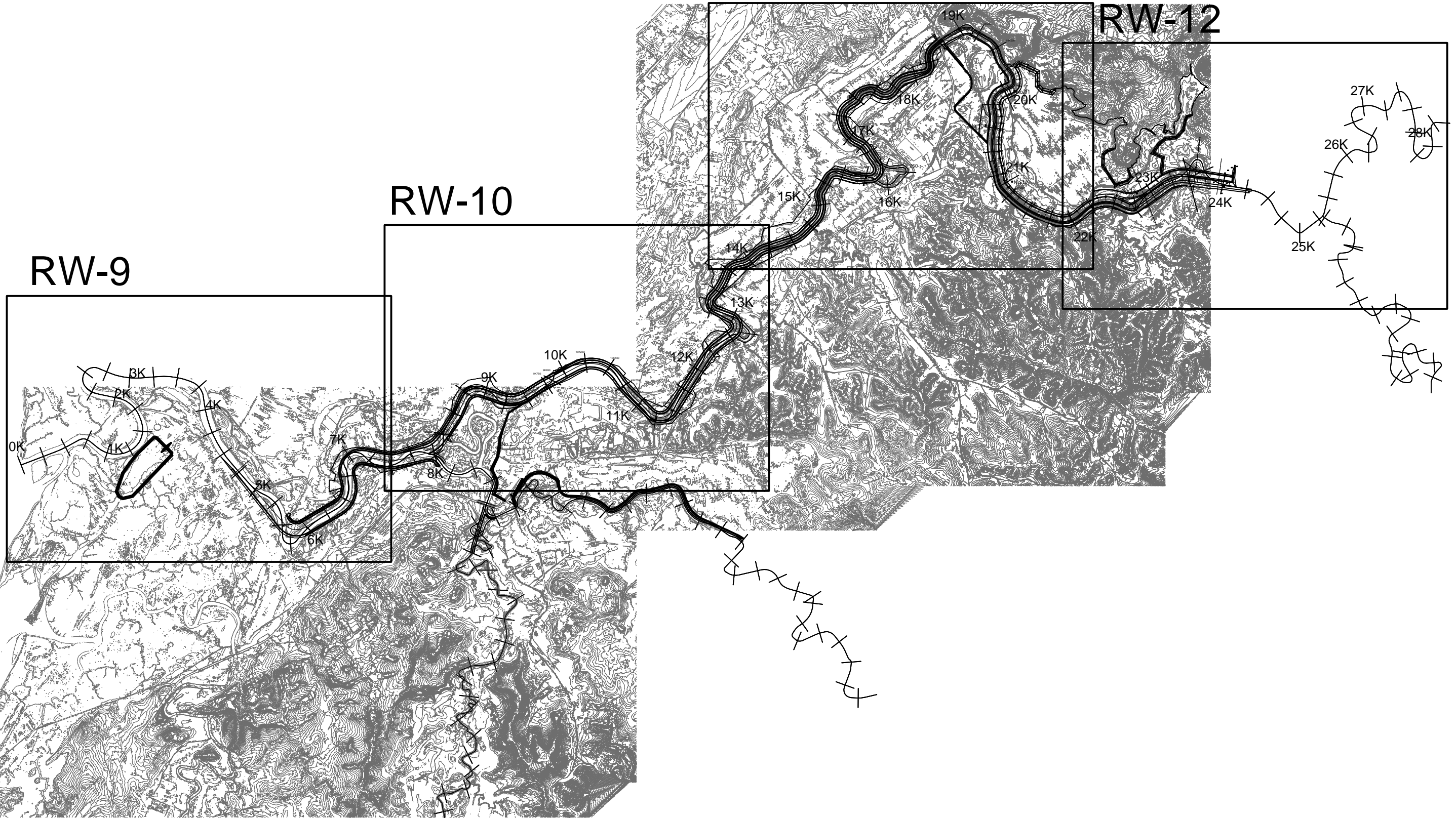
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CHECKED:		REF	BY	DATE				
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RW-11

RW-12

RW-10

RW-9



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

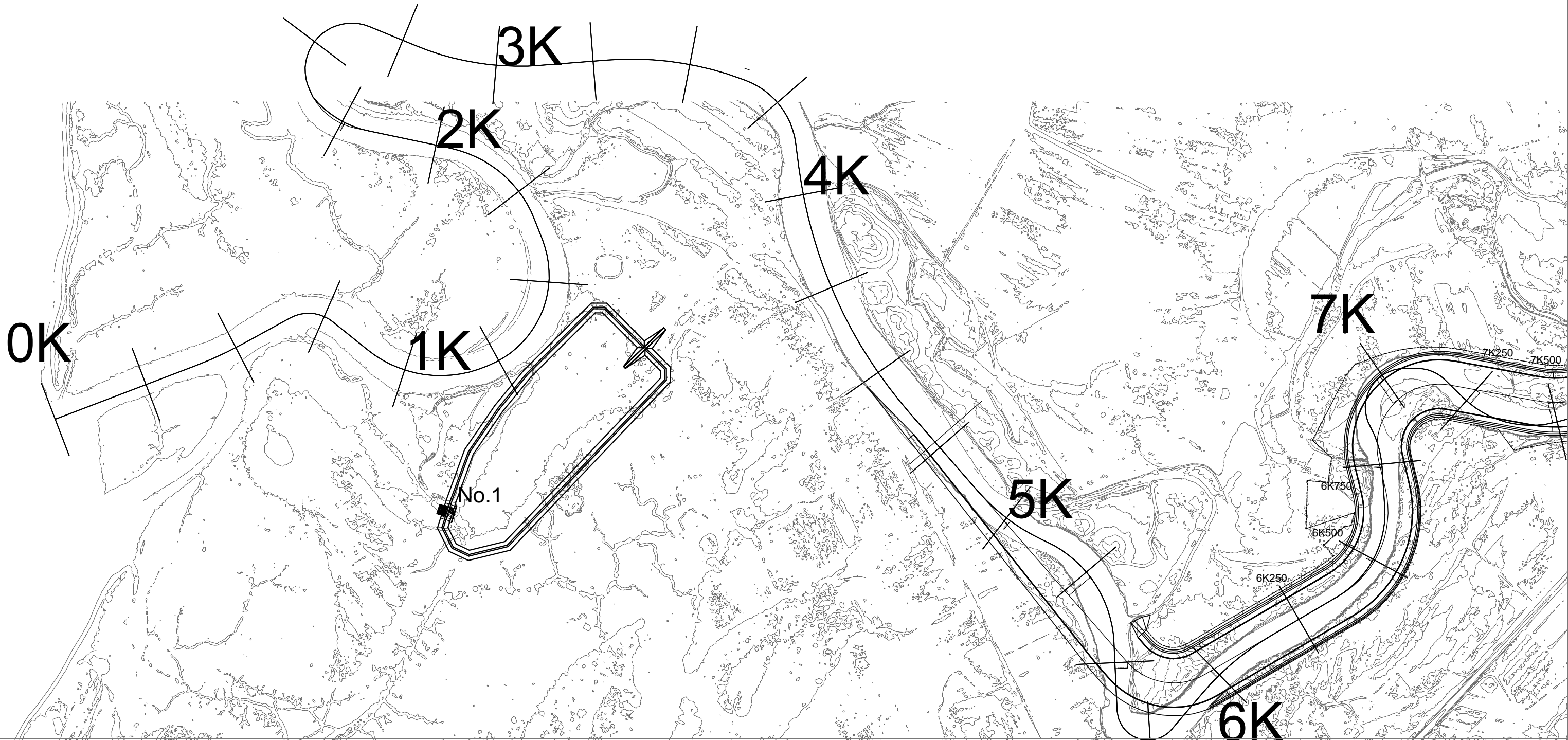
A8-9

TITLE  
 KEY PLAN FOR DETAIL  
 ON CONTOUR MAP

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DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:	REF	BY	DATE	

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DWG No.	RW-8
ACAD	CROSS SECTION



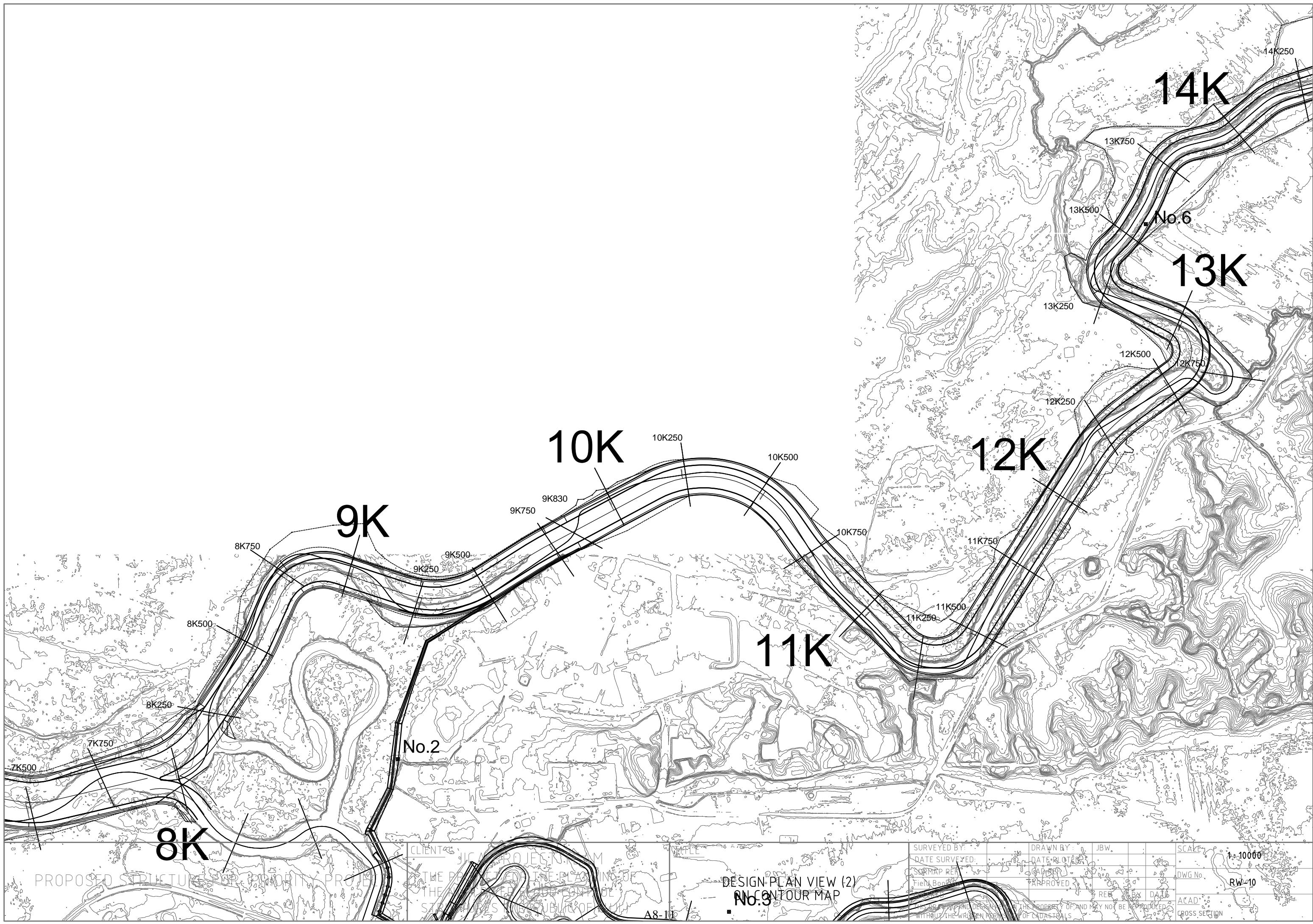
PROPOSED STRUCTURE FOR PROPHET PROJECT

CLIENT: JICA PROJECT TEAM  
 PROJECT: THE PROJECT FOR THE PLANNING OF  
 STRUCTURES IN REPUBLIC OF PHILIPPINES

A8-10

DESIGN PLAN VIEW (1)  
 ON CONTOUR MAP

SURVEYED BY	DRAWN BY	DATE	SCALE
DATE SURVEYED	DATE PLOTTED		1:10000
SDRMAP REF.	AD REF.		DWG NO
Field Book No.	APPROVED		RW-9
CHECKED	REF	BY	DATE
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No. 2

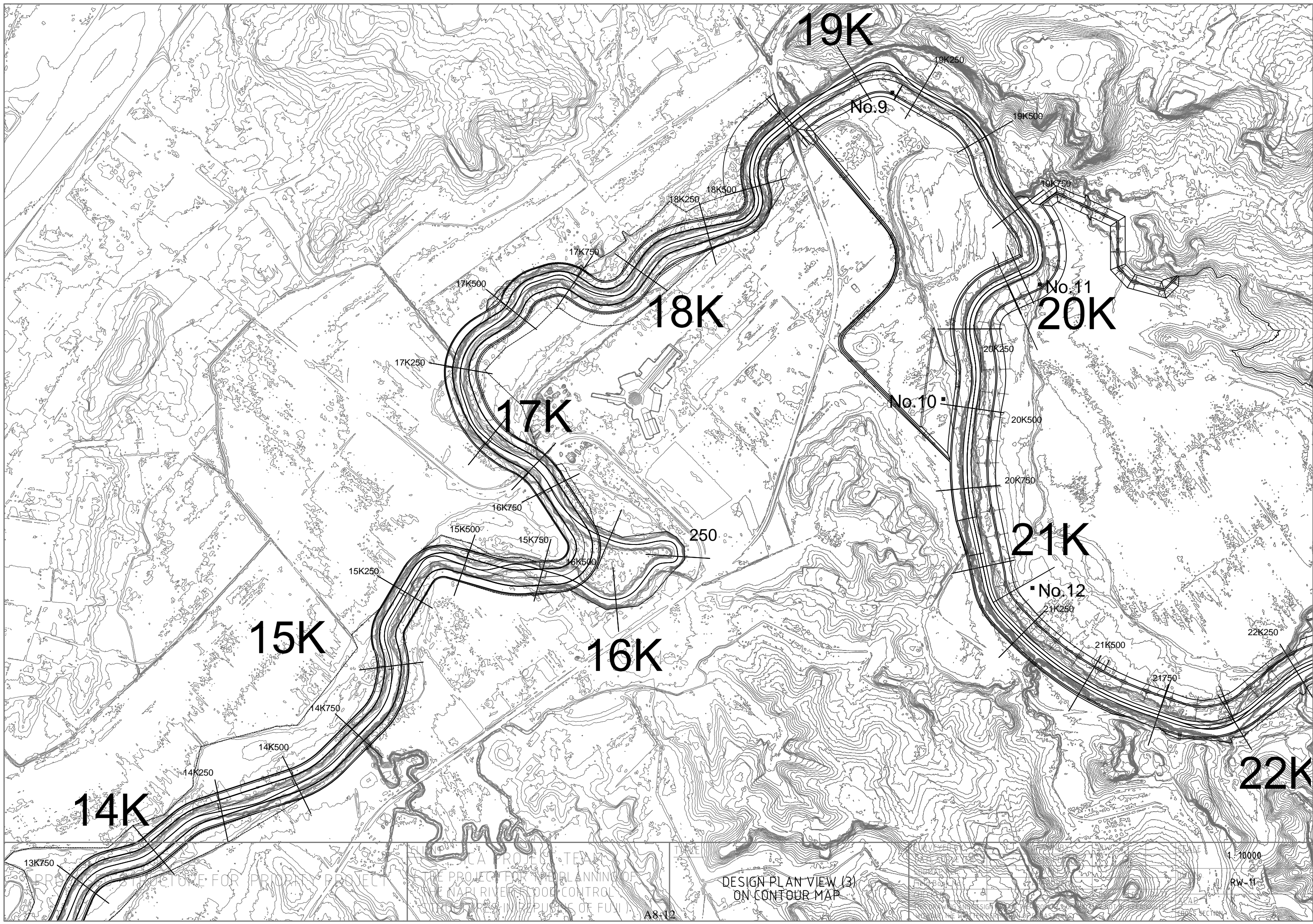
DESIGN PLAN VIEW (2)  
No. 3  
CONTOUR MAP

No. 6

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT: JICA PROJECT: ...  
 THE PROJECT IS THE PLANNING OF ...  
 THE ...  
 STA. ...  
 A8-111

SURVEYED BY:	DRAWN BY:	JBW.	SCALE:	1:10000
DATE SURVEYED:	DATE PLOTTED:		DWG No.	RW-10
SOUTH MAP REF:	SCALE BAR:		ACAD:	
Field Book:	APPROVED:	REB. BY DATE:	CROSS SECTION:	
THIS DRAWING AND DESIGN ARE THE PROPERTY OF AND MAY NOT BE REPRODUCED WITHOUT THE WRITTEN PERMISSION OF CADASTRAL'S				



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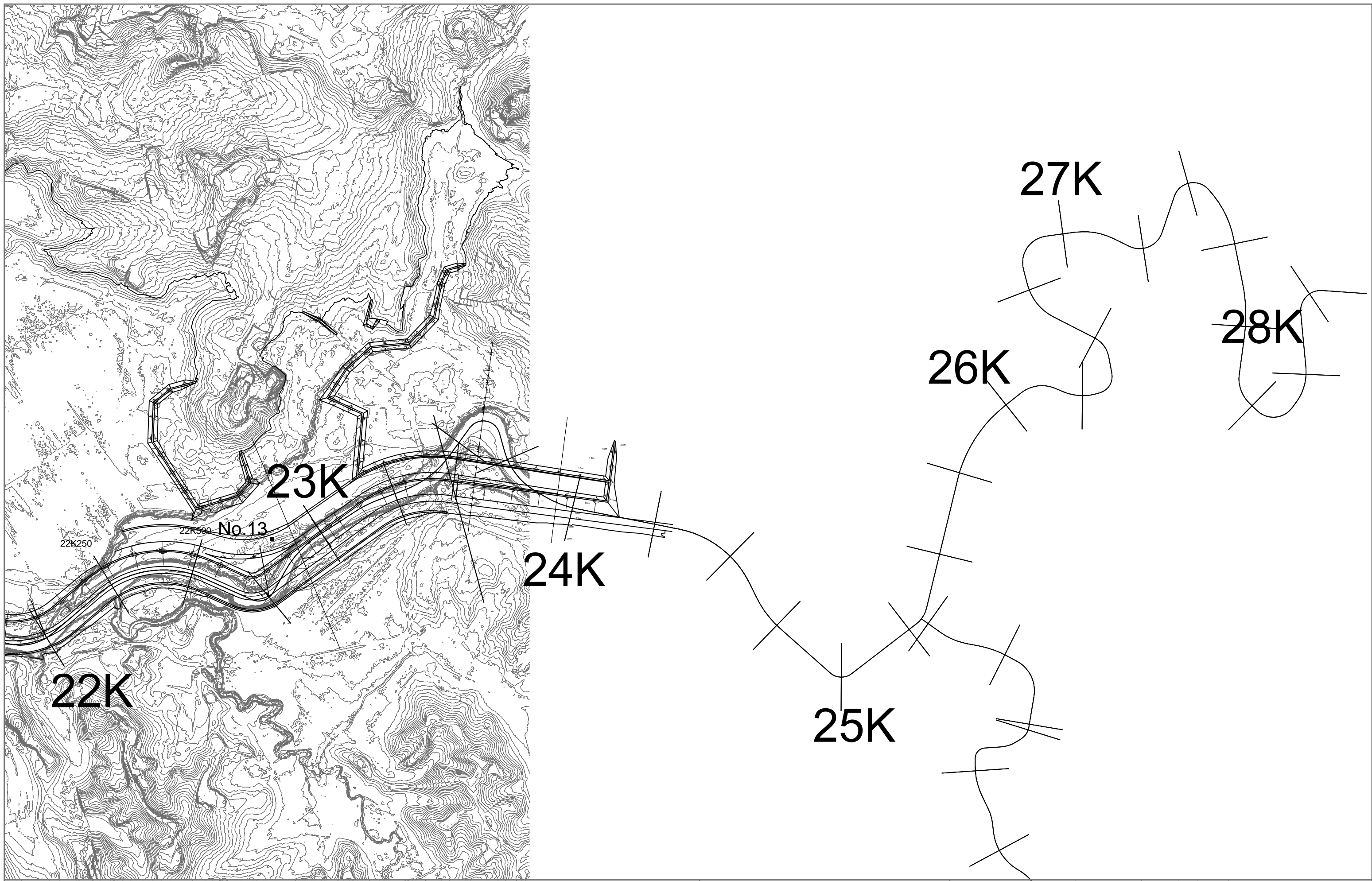
No. 9

No. 11

No. 10

No. 12

<p>PROJECT TEAM</p> <p>PROJECT NAME</p> <p>PROJECT LOCATION</p> <p>PROJECT NO.</p> <p>PROJECT DATE</p>	<p>DESIGN PLAN VIEW (3)</p> <p>ON CONTOUR MAP</p>	<p>SCALE</p> <p>1:10000</p> <p>RW-11</p>
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22K

23K

24K

25K

26K

27K

28K

No. 13

22K250

22K500

PROPOSED

CLIENT PROJECT TEAM  
 FOR THE PLANNING OF  
 THE NATIONAL FLOOD CONTROL  
 STRUCTURE (IN REPUBLIC OF FUJI)

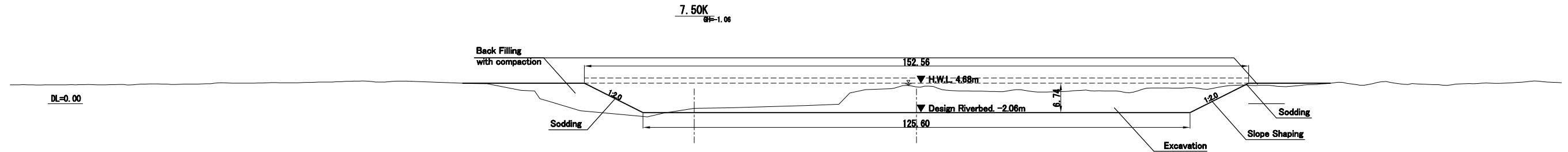
A8-13

TITLE  
 DESIGN PLAN VIEW (4)  
 ON CONTOUR MAP

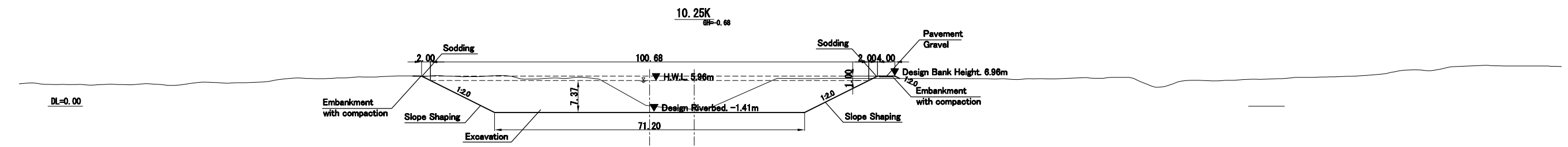
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DATE SURVEYED:	DATE PLOTTED :		DWG No.	RW-12
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Field Book No:	APPROVED :		REF	BY
CHECKED:			DATE	
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# Typical Cross Section

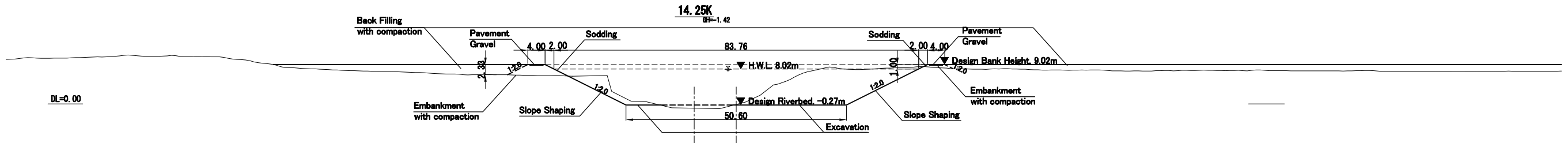
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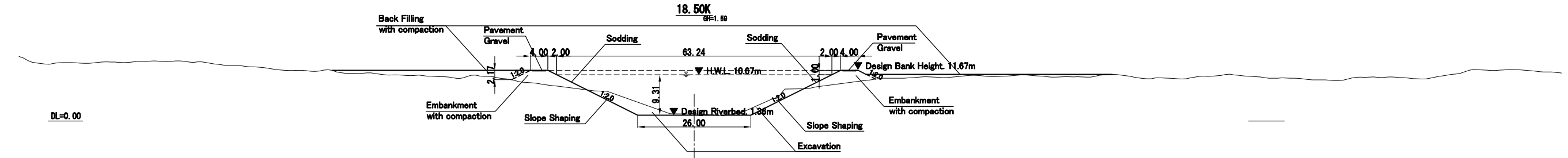
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## Section 4: 13.00K~18.25K



## Section 5: 18.50K~20.75K



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

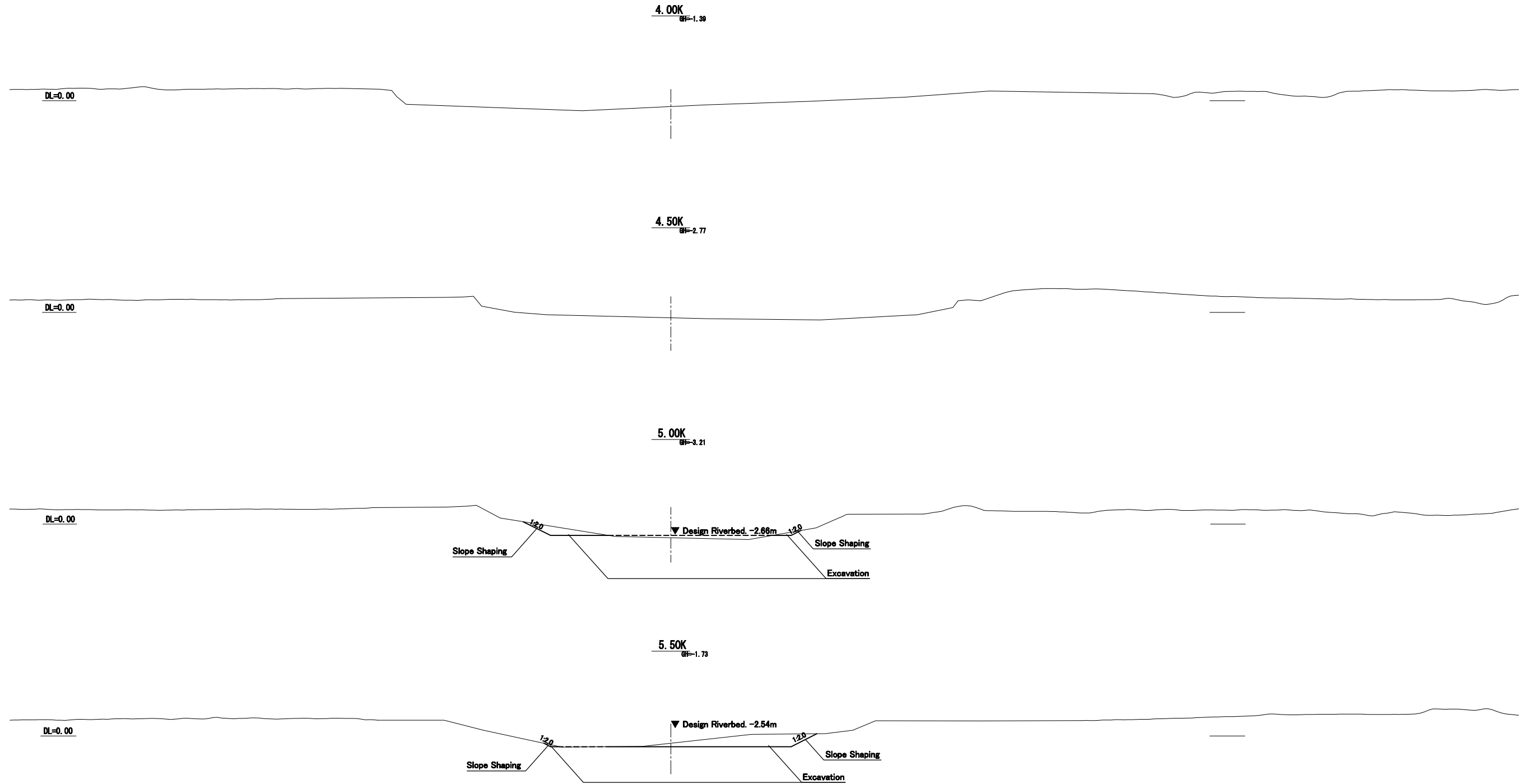
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-14

TITLE  
TYPICAL CROSS SECTION

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Field Book No:	APPROVED :					
CHECKED:		REF	BY	DATE		
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

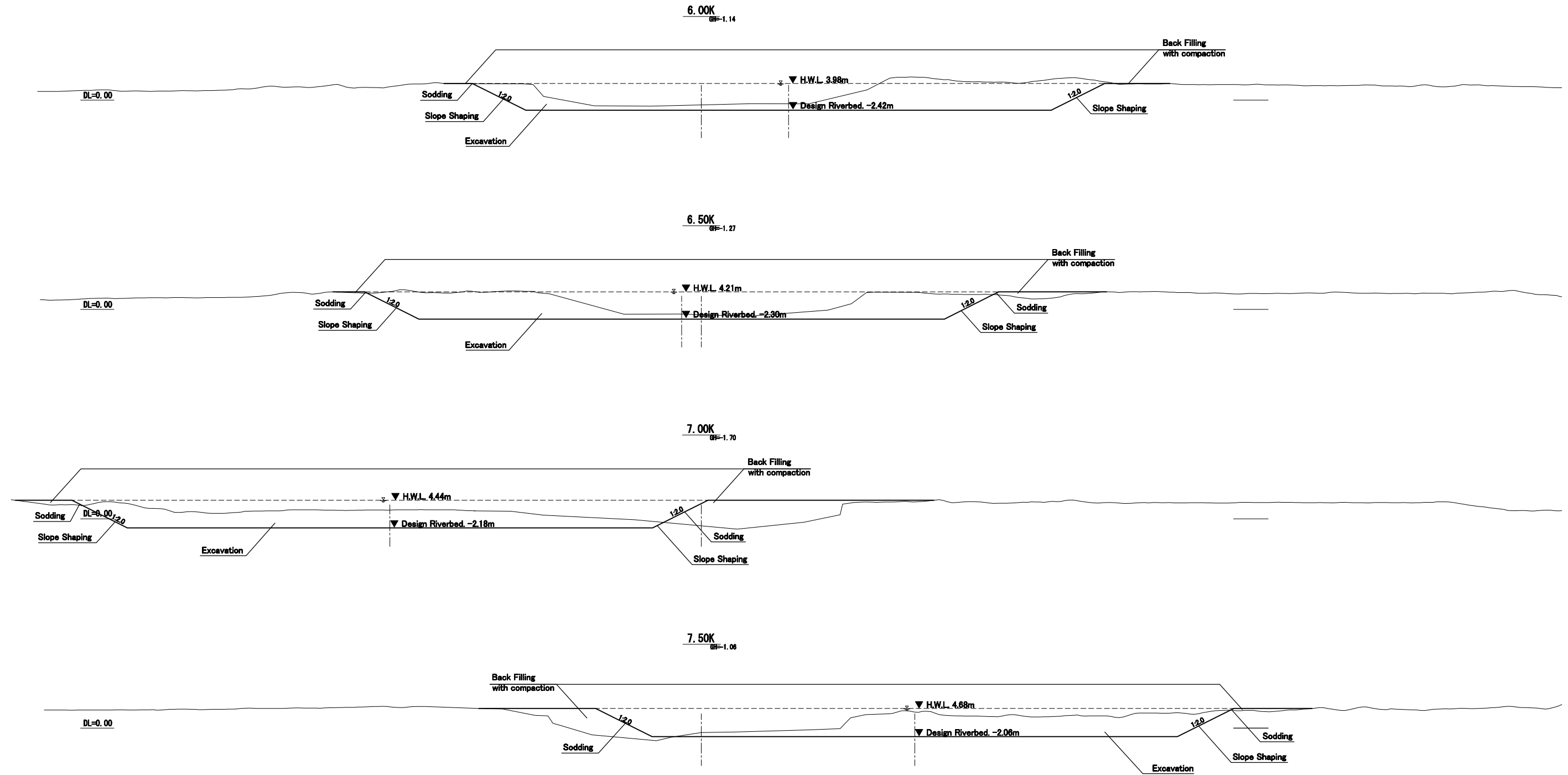
A8-15

TITLE  
CROSS SECTION  
4.00K - 5.50K

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Field Book No:		APPROVED :				THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	
CHECKED:			REF	BY	DATE		



# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

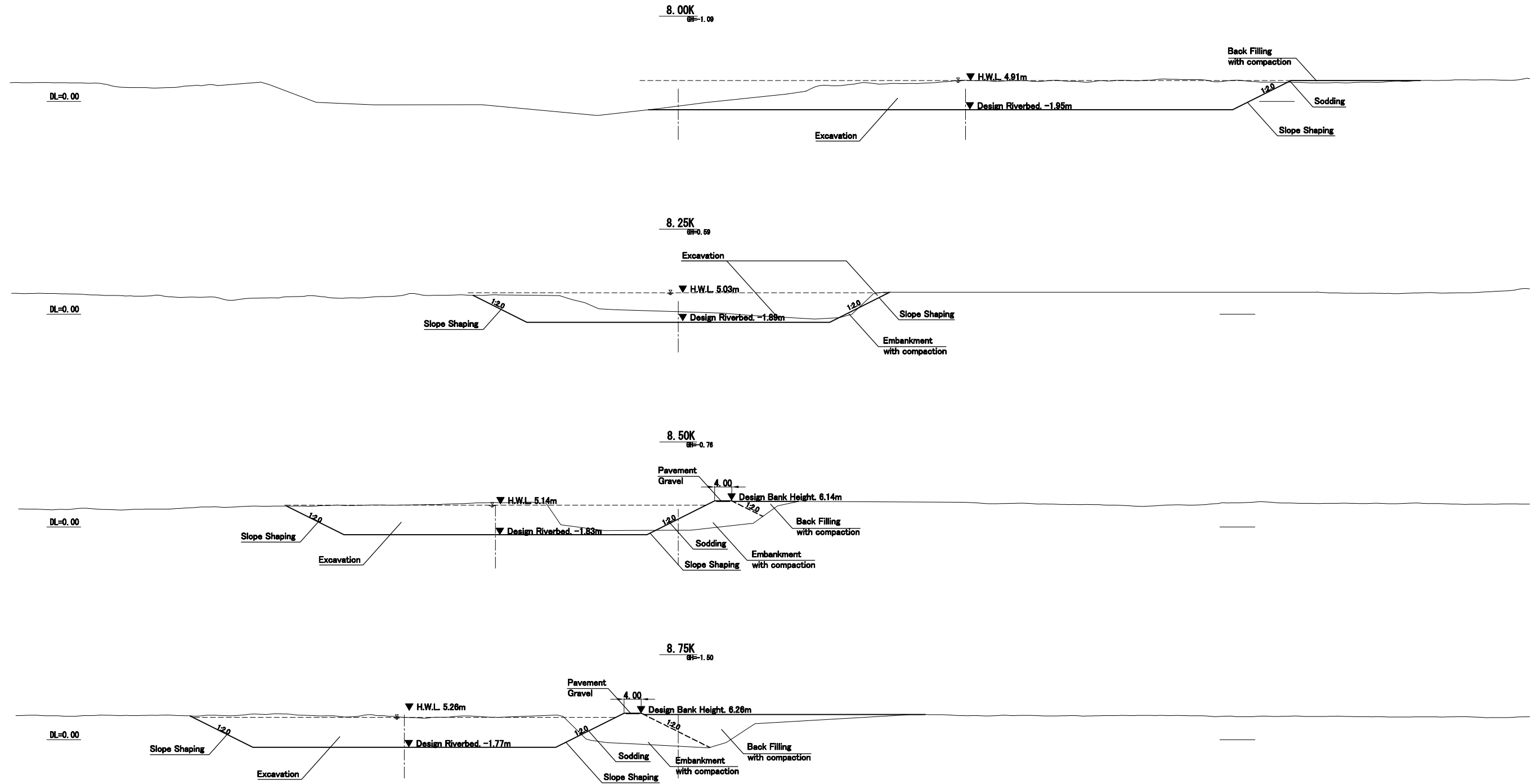
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-16

TITLE  
 CROSS SECTION  
 6.00K - 7.50K

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DATE SURVEYED:	DATE PLOTTED :			DWG No.	RW-15
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Field Book No:	APPROVED :				
CHECKED:		REF	BY	DATE	
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

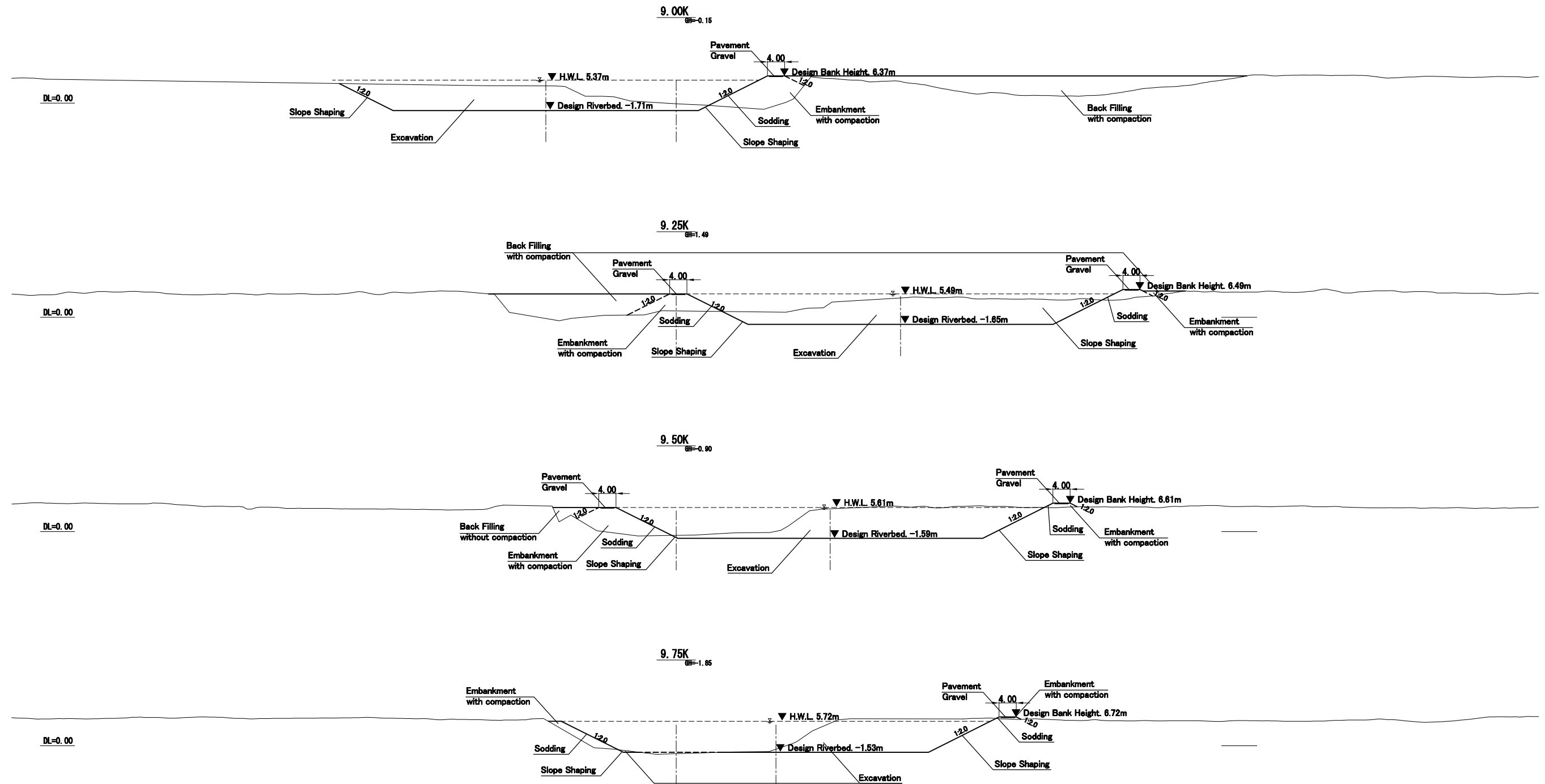
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-17

TITLE CROSS SECTION  
 8.00K - 8.50K

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SDRMAP REF:		CAD REF :				ACAD	CROSS SECTION	
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CHECKED:			REF	BY	DATE			
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-18

TITLE CROSS SECTION  
 9.00K - 9.50K

SURVEYED BY:	DRAWN BY :	JBW		
DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:		REF	BY	DATE

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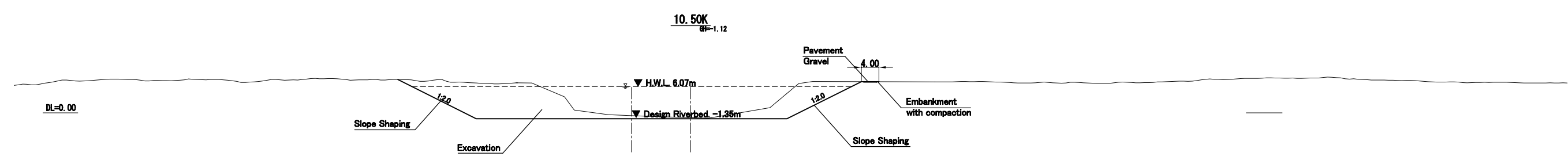
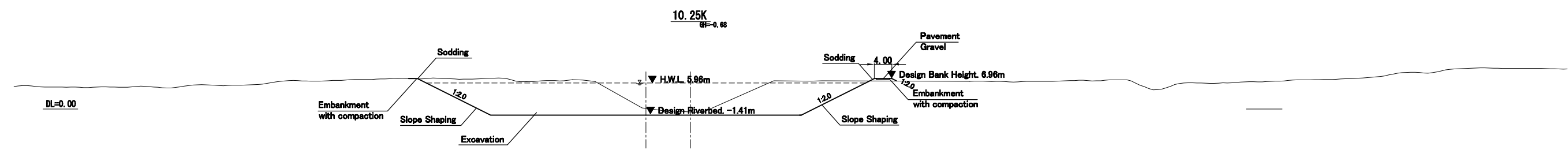
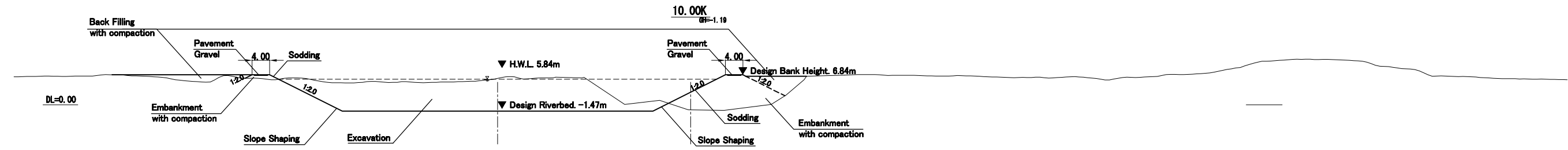
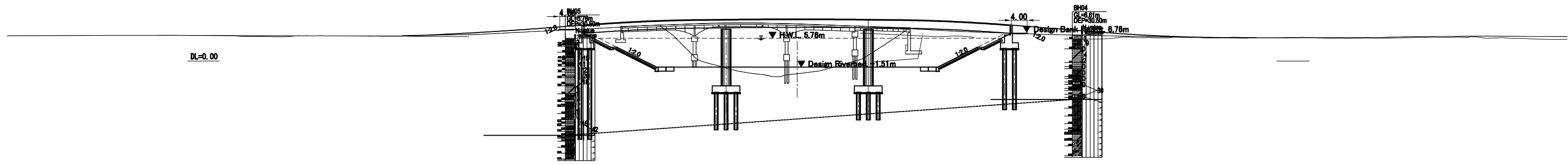
SCALE 1 : 1,000

DWG No. RW-17

ACAD  
 CROSS SECTION

# Cross Section

Naditown Bridge



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

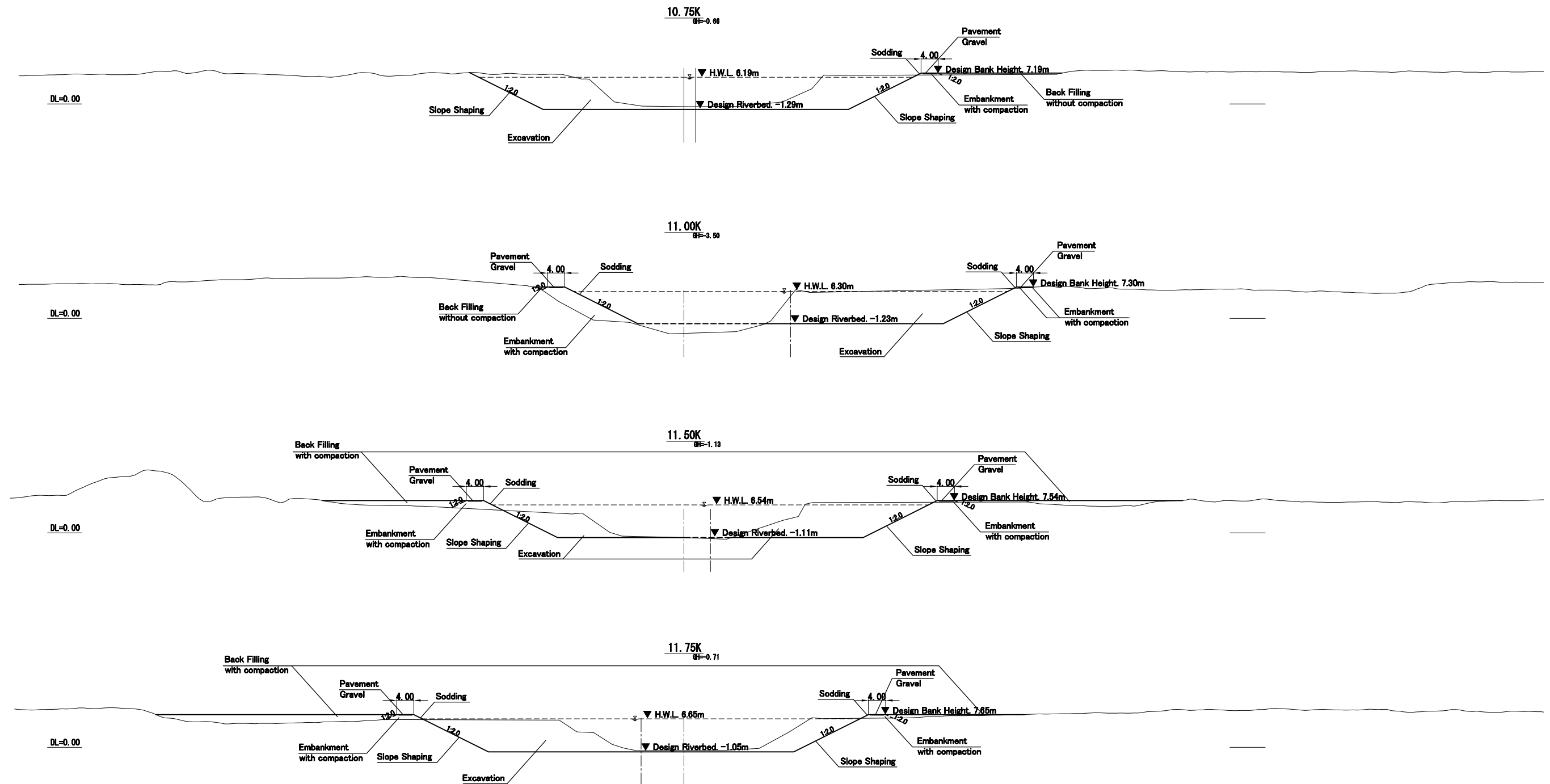
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-19

TITLE  
CROSS SECTION  
10.00K - 10.50K

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RW-18
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :	REF BY DATE	THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	

# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-20

TITLE  
 CROSS SECTION  
 10.75K - 11.75K

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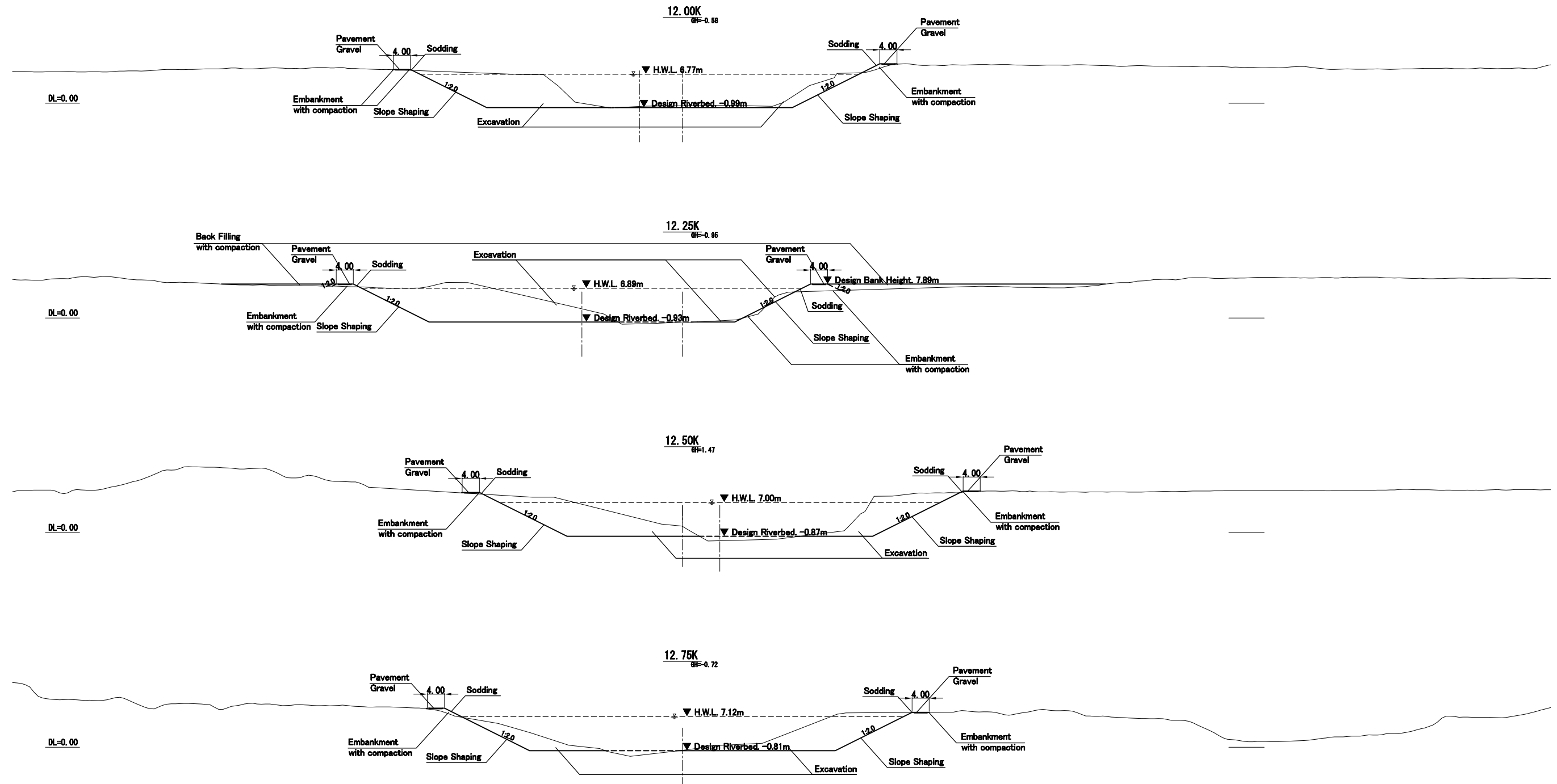
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SCALE 1 : 1,000

DWG No. RW-19

ACAD  
 CROSS SECTION

# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

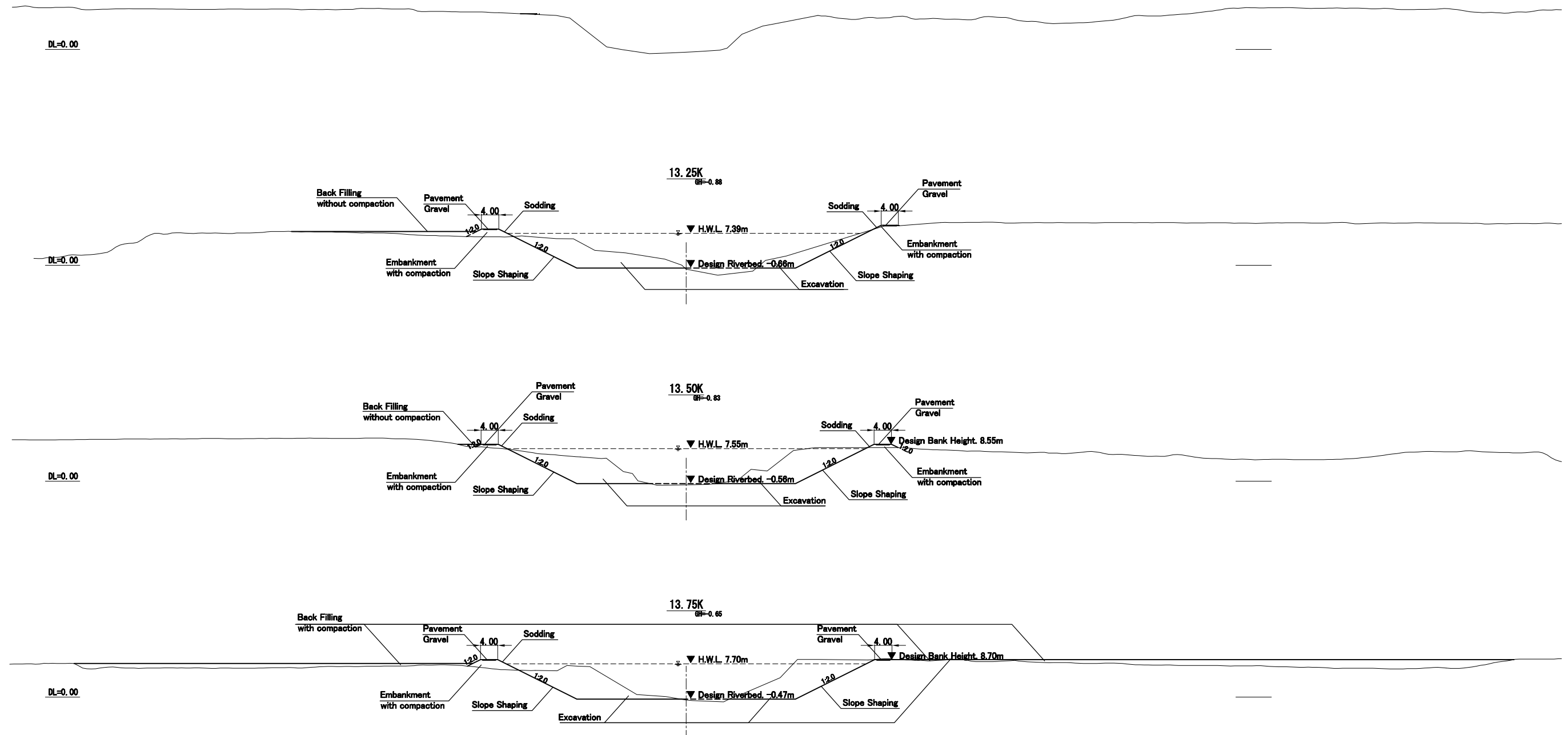
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-21

TITLE  
 CROSS SECTION  
 12.00K - 12.75K

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RW-20
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :	REF BY DATE	THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	

# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

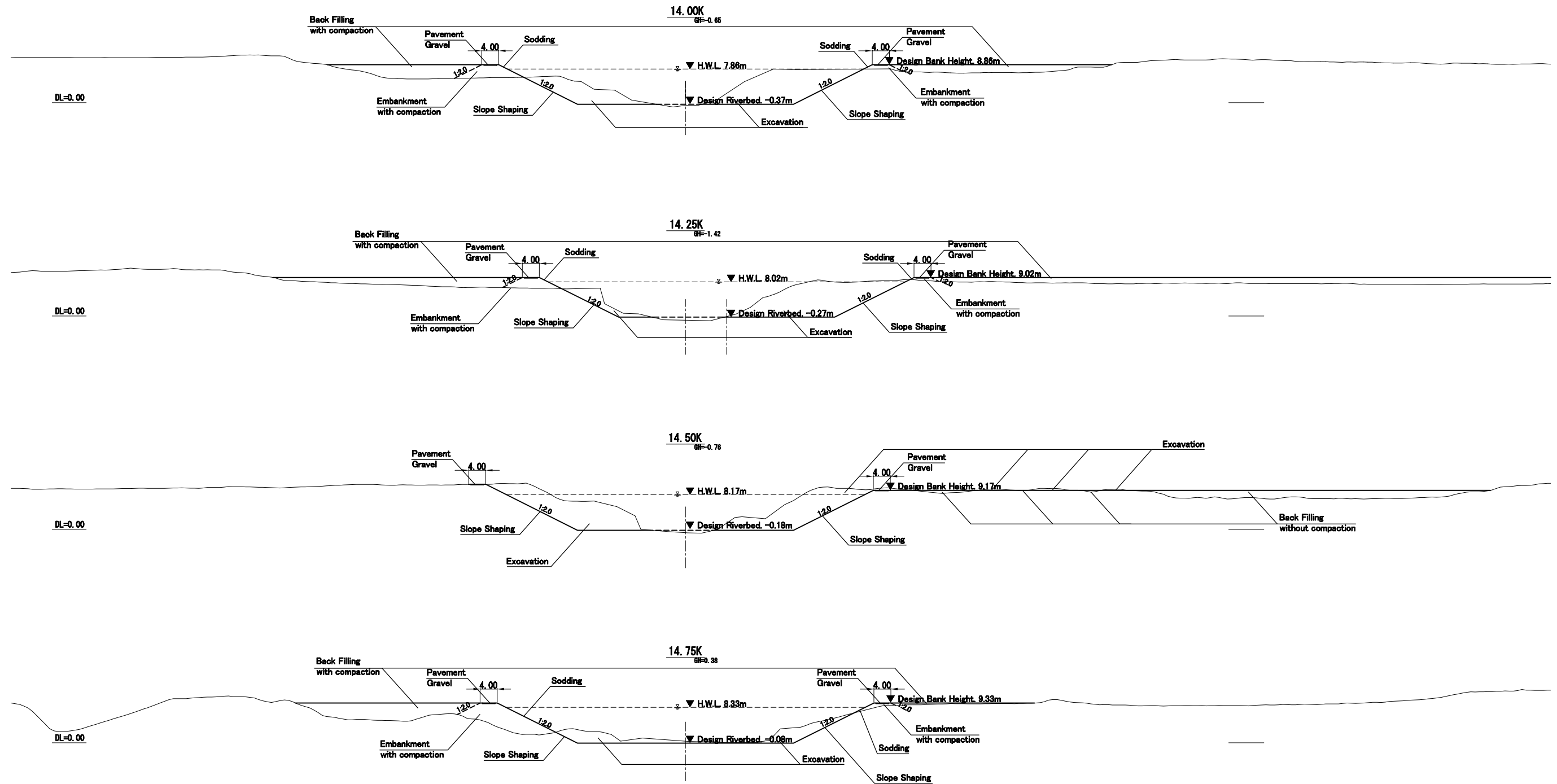
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-22

TITLE  
 CROSS SECTION  
 13.00K - 13.75K

SURVEYED BY:	DRAWN BY :	JBW	SCALE
DATE SURVEYED:	DATE PLOTTED :		1 : 1,000
SDRMAP REF:	CAD REF :		DWG No.
Field Book No:	APPROVED :		RW-21
CHECKED:	REF	BY	DATE
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

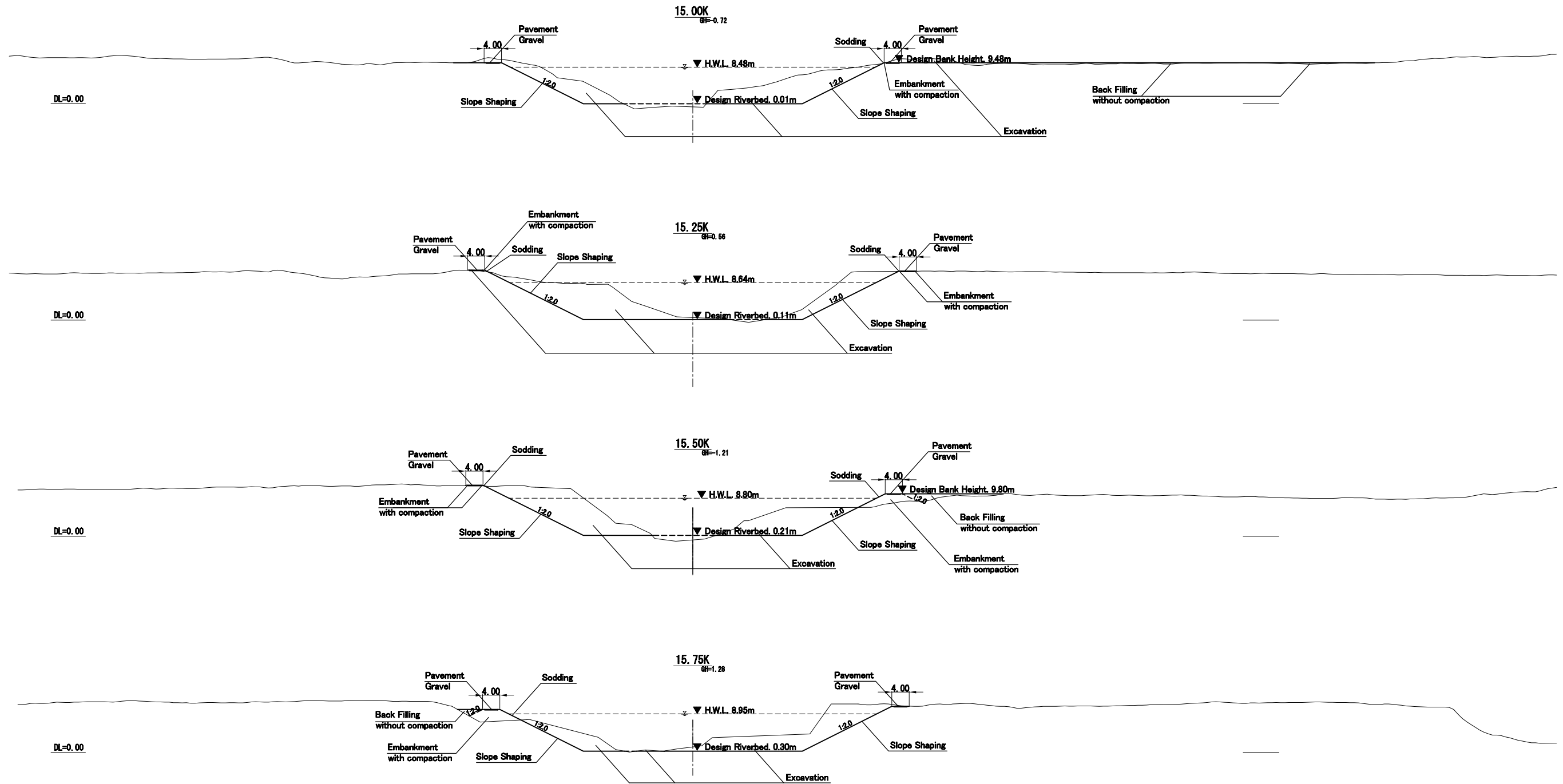
A8-23

TITLE  
CROSS SECTION  
14.00K - 14.75K

SURVEYED BY:	DRAWN BY :	JBW	SCALE
DATE SURVEYED:	DATE PLOTTED :		1 : 1,000
SDRMAP REF:	CAD REF :		DWG No.
Field Book No:	APPROVED :		RW-22
CHECKED:	REF	BY	DATE
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

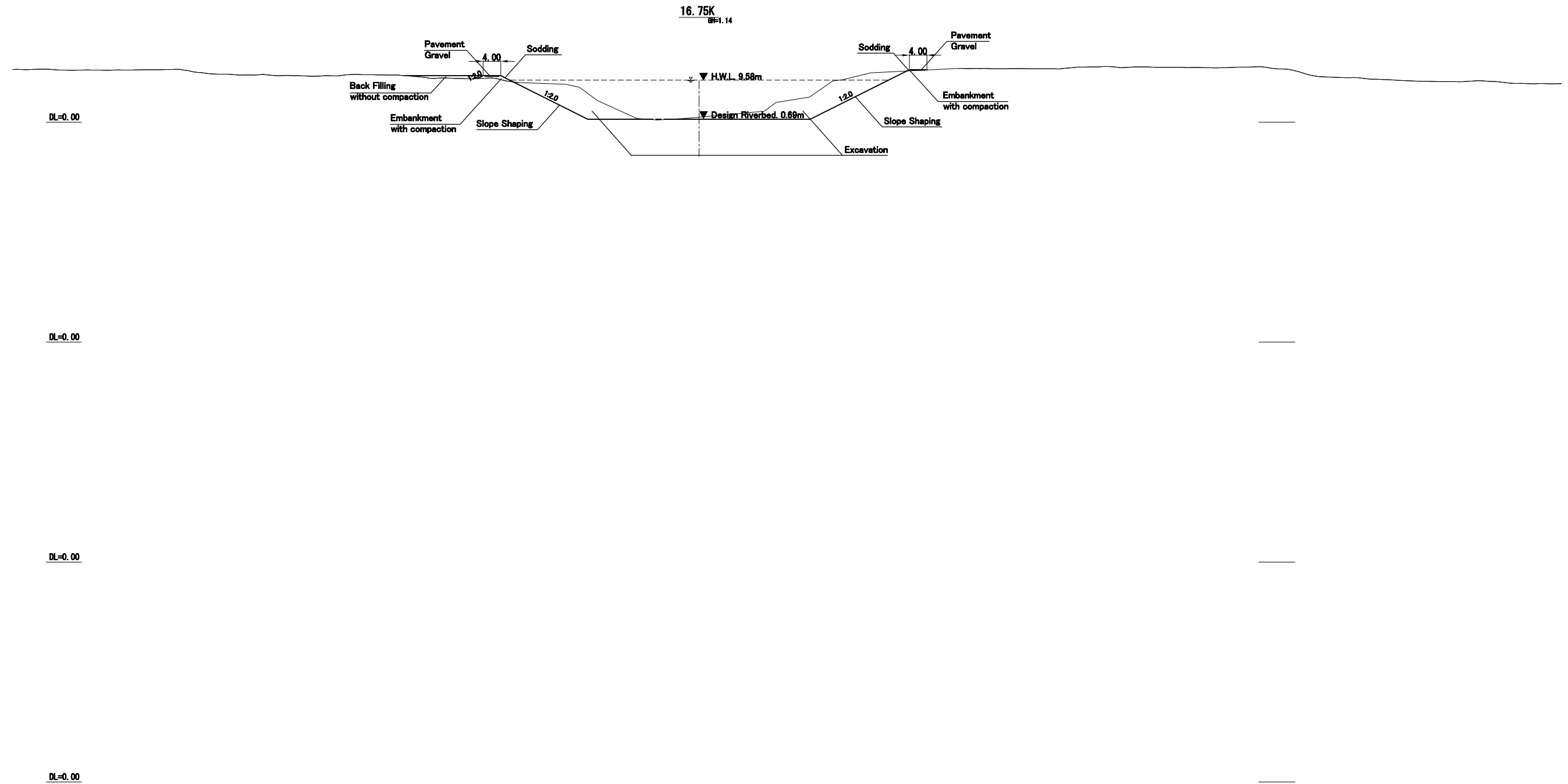
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-24

TITLE CROSS SECTION  
 15.00K - 15.75K

SURVEYED BY:	DRAWN BY :	JBW	SCALE
DATE SURVEYED:	DATE PLOTTED :		1 : 1,000
SDRMAP REF:	CAD REF :		DWG No.
Field Book No:	APPROVED :		RW-23
CHECKED:	REF	BY	DATE
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-25

TITLE  
 CROSS SECTION  
 16.00K - 16.75K

SURVEYED BY:		DRAWN BY :	JBW		
DATE SURVEYED:		DATE PLOTTED :			
SDRMAP REF:		CAD REF :			
Field Book No:		APPROVED :			
CHECKED:		REF	BY	DATE	

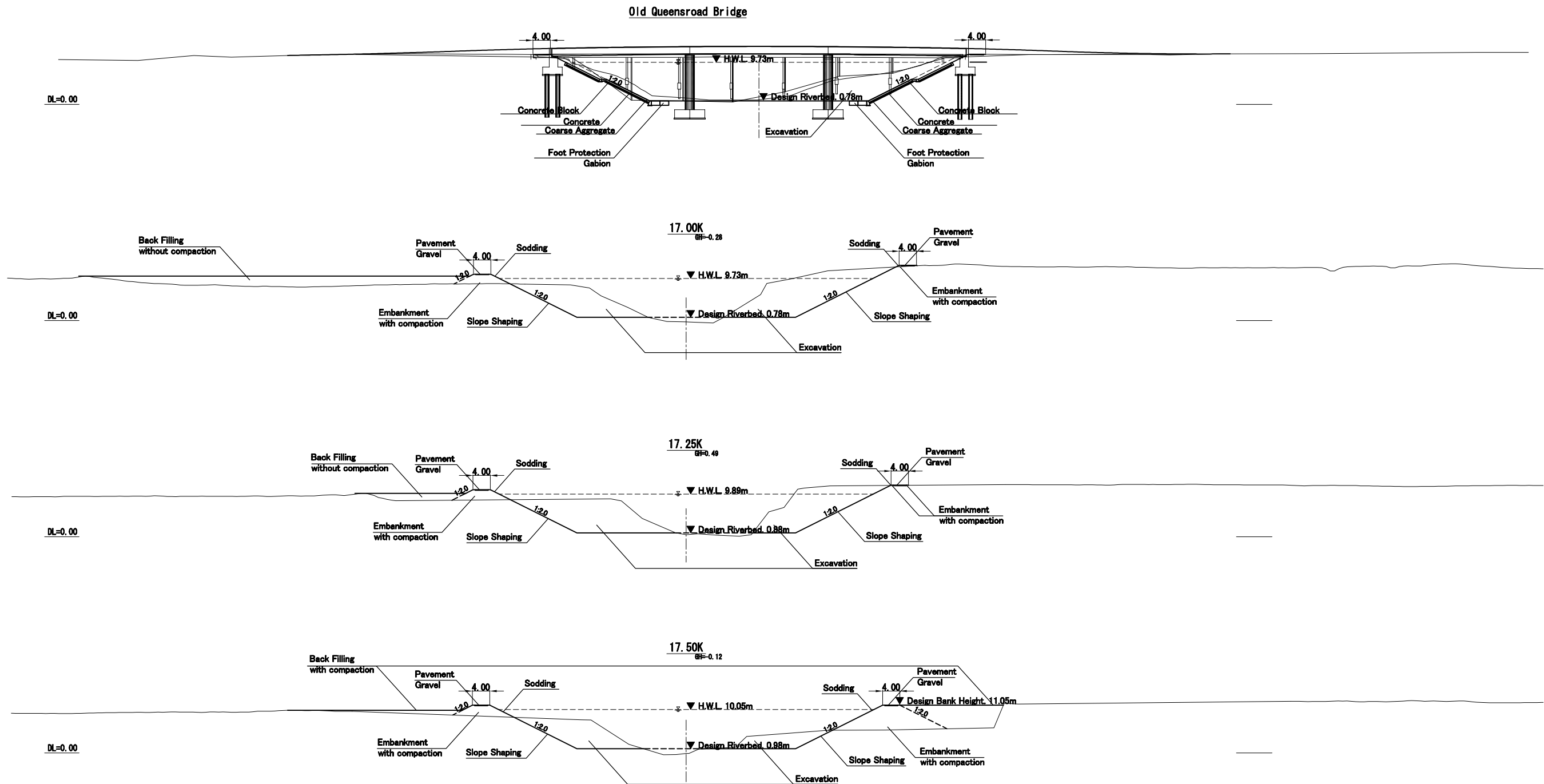
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SCALE  
 1 : 1,000

DWG No.  
 RW-24

ACAD  
 CROSS SECTION

# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-26

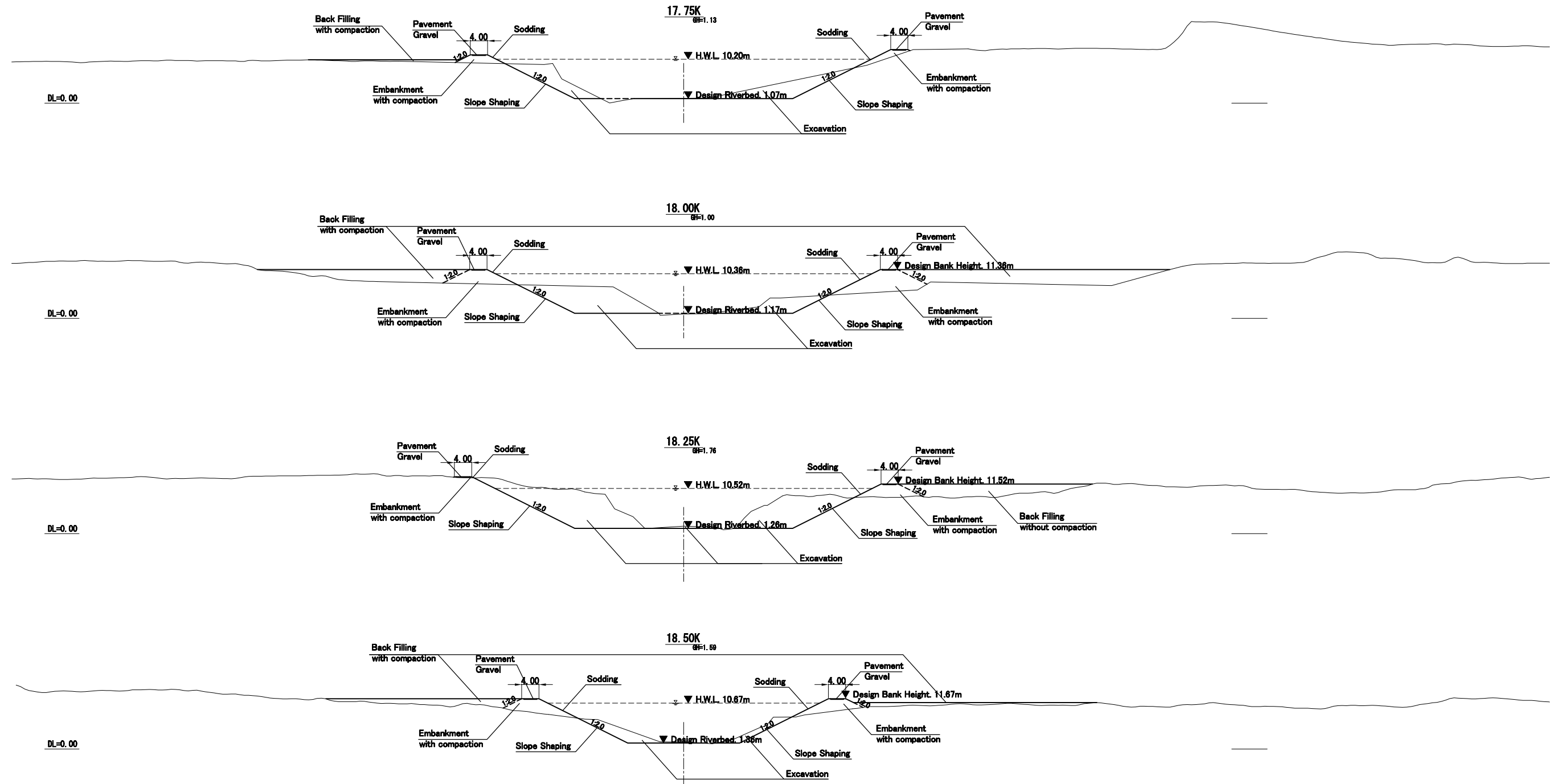
TITLE CROSS SECTION  
 17.00K - 17.50K

SURVEYED BY:	DRAWN BY :	JBW		
DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:		REF	BY	DATE

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SCALE	1 : 1,000
DWG No.	RW-25
ACAD	CROSS SECTION

# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

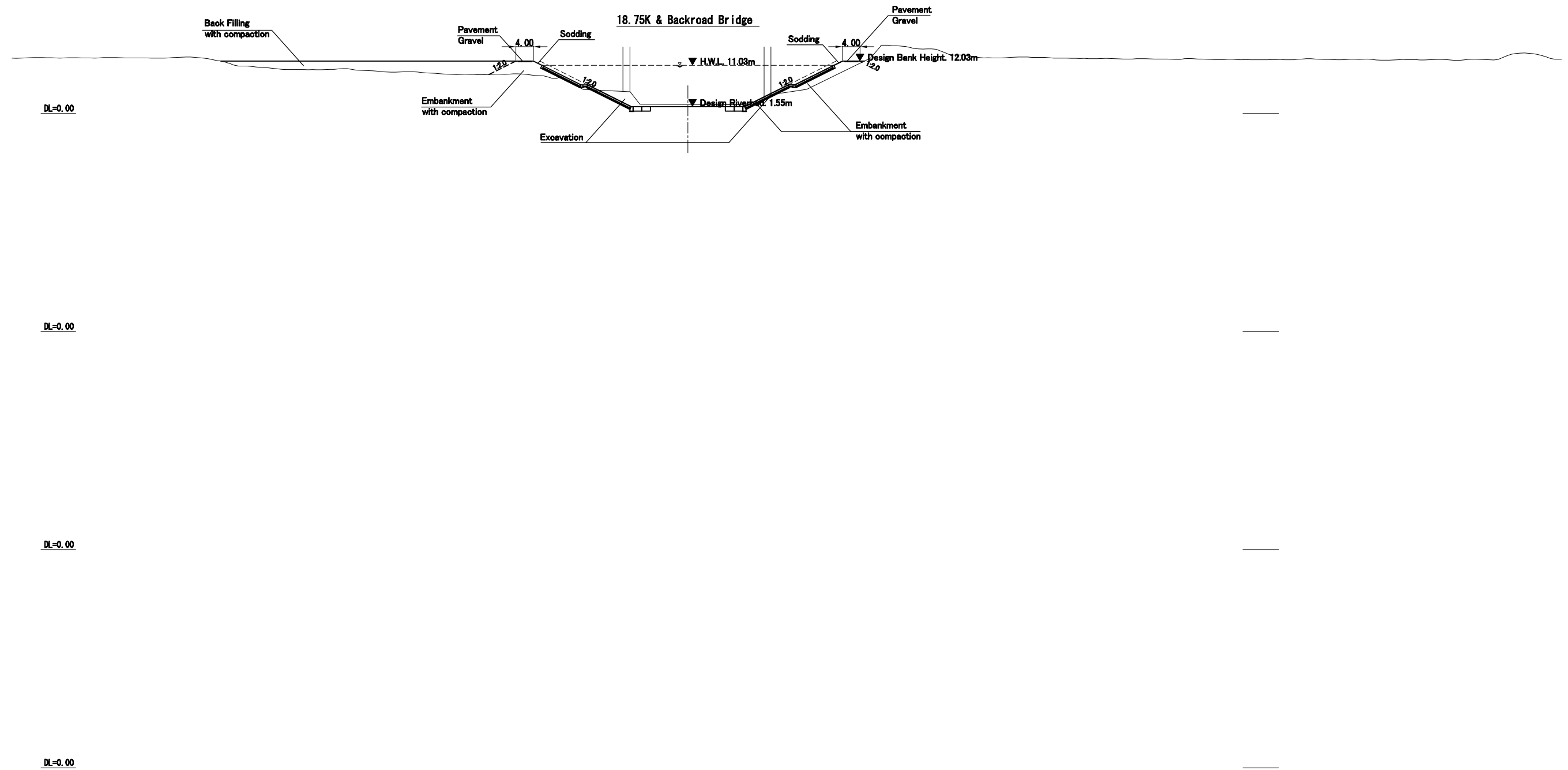
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-27

TITLE CROSS SECTION  
 17.75K - 18.50K

SURVEYED BY:	DRAWN BY :	JBW	SCALE
DATE SURVEYED:	DATE PLOTTED :		1 : 1,000
SDRMAP REF:	CAD REF :		DWG No.
Field Book No:	APPROVED :		RW-26
CHECKED:	REF	BY	DATE
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# Cross Section



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

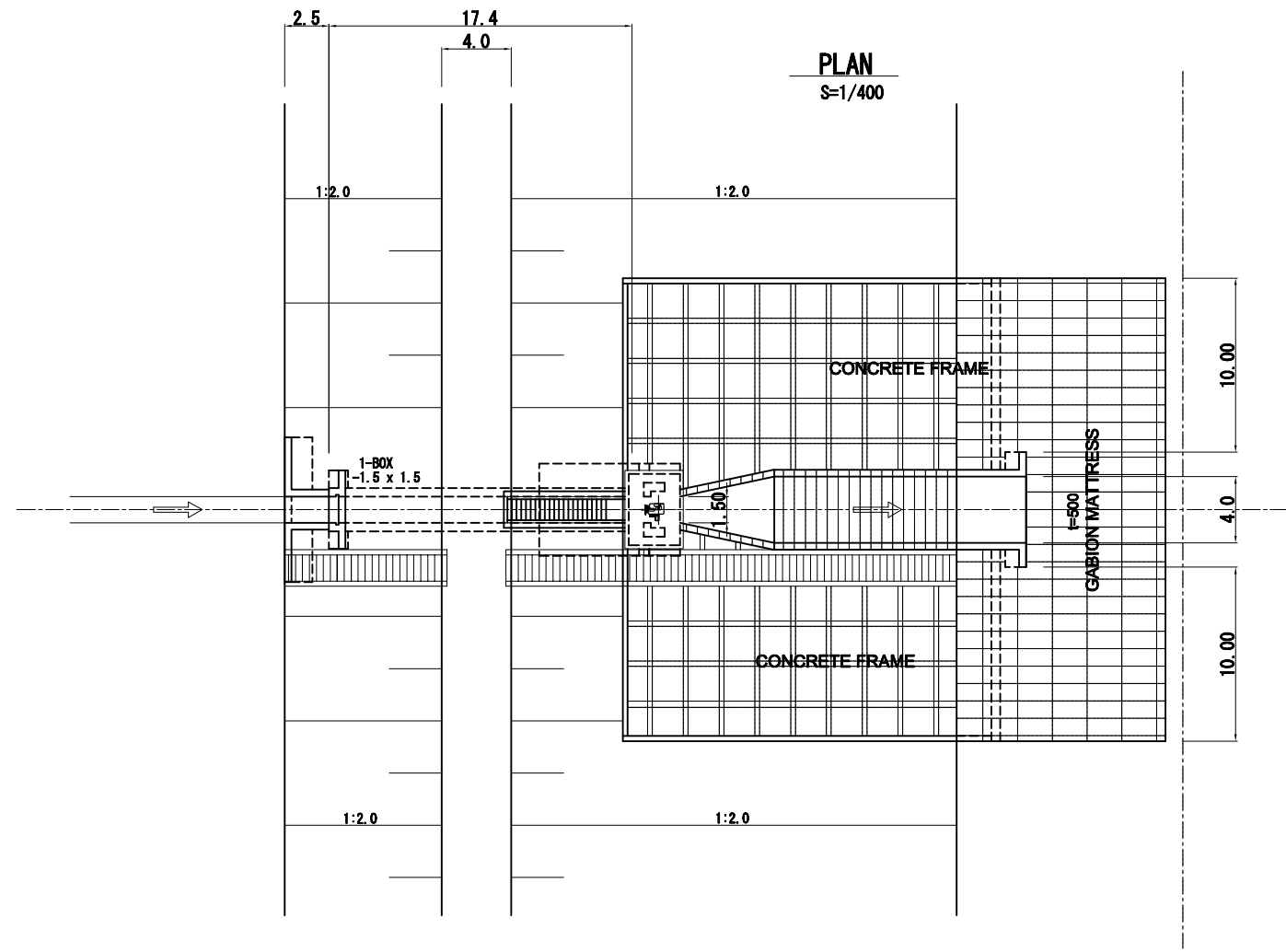
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-28

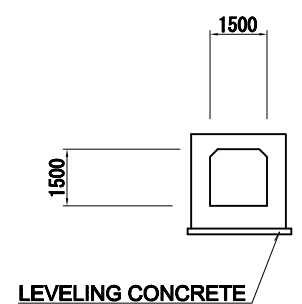
TITLE  
 CROSS SECTION  
 18.75K - 19.50K

SURVEYED BY:	DRAWN BY :	JBW	SCALE
DATE SURVEYED:	DATE PLOTTED :		1 : 1,000
SDRMAP REF:	CAD REF :		DWG No.
Field Book No:	APPROVED :		RW-27
CHECKED:	REF	BY	DATE
THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS			ACAD CROSS SECTION

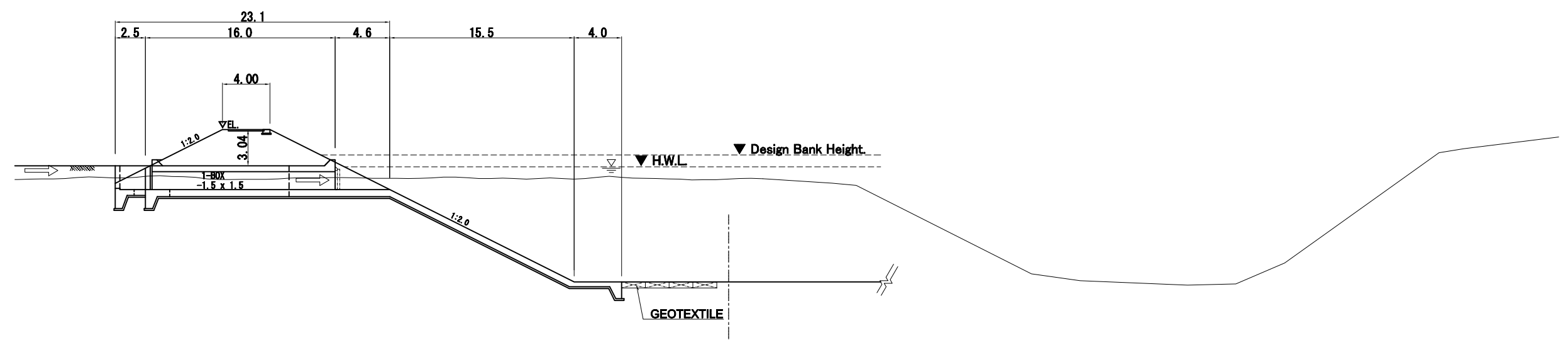
# GENERAL PLAN OF SLUICEWAYS



**TYPICAL CROSS SECTION**  
S=1/200



**LONGITUDINAL SECTION**  
S=1/400



Location		
No.1	6K750	Right Bank Side
No.2	9K900	Right Bank Side
No.3	12K600	Left Bank Side
No.4	12K750	Left Bank Side
No.5	13K300	Right Bank Side
No.6	14K750	Left Bank Side
No.7	16K250	Left Bank Side
No.8	17K250	Right Bank Side

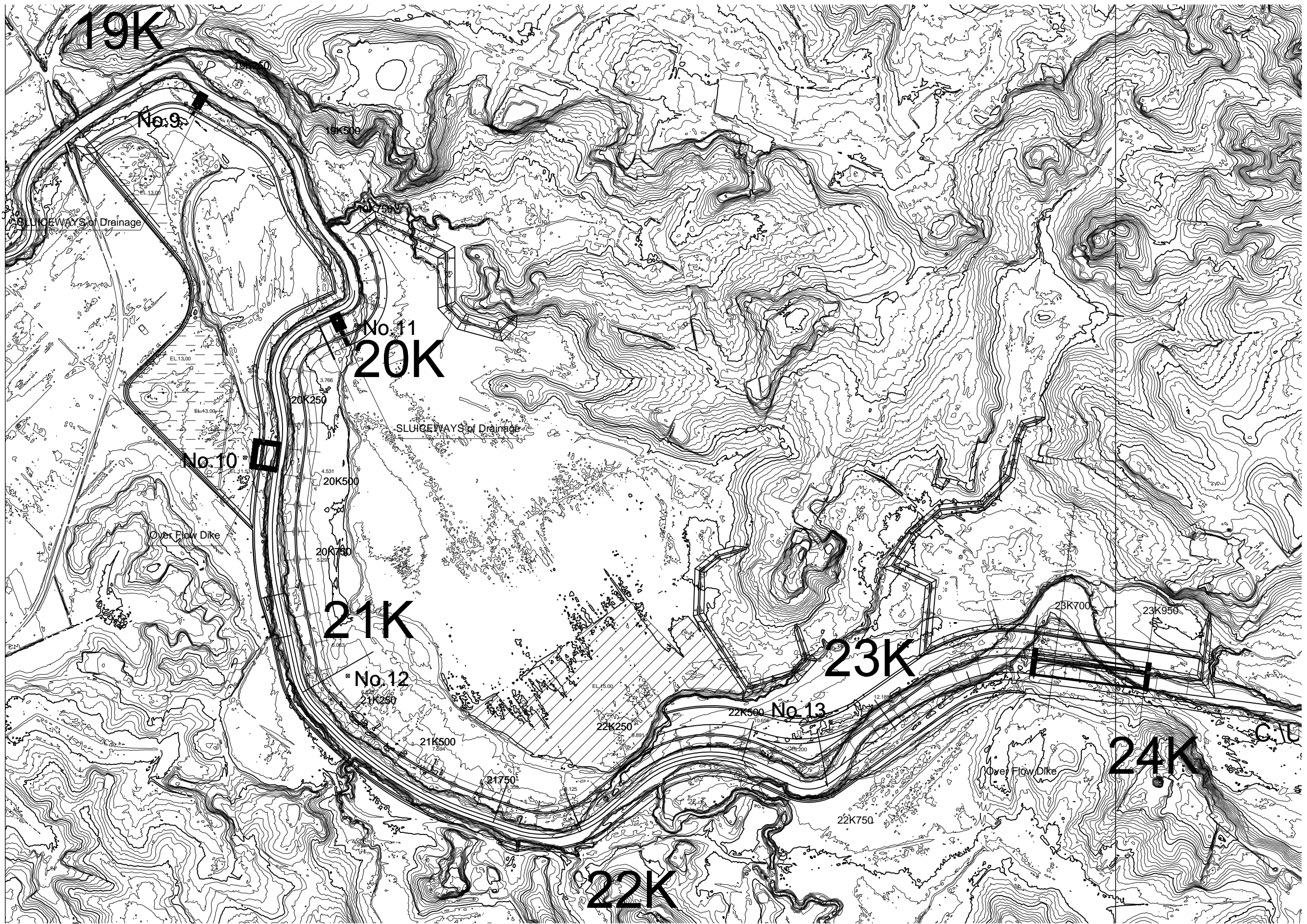
PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-29

TITLE  
GENERAL PLAN OF SLUICEWAYS

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 400, 200
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RW-28
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :	REF BY DATE		
CHECKED:	THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRAIS			



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-30

TITLE PLAN VIEW OF RETARDING BASIN

SURVEYED BY:	DRAWN BY :	JBW		
DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:		REF	BY	DATE

SCALE 1 : 10,000

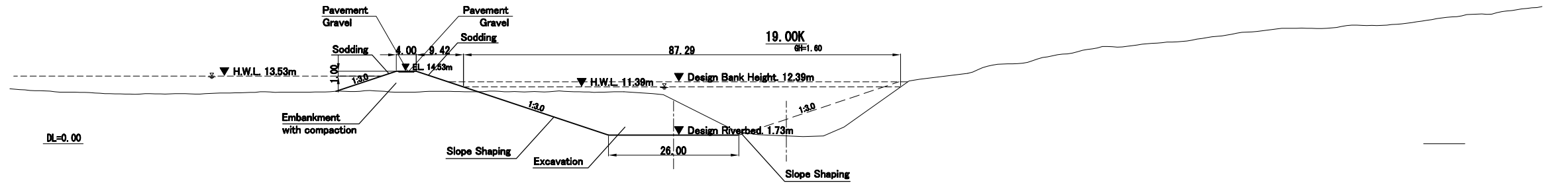
DWG No. RB-01

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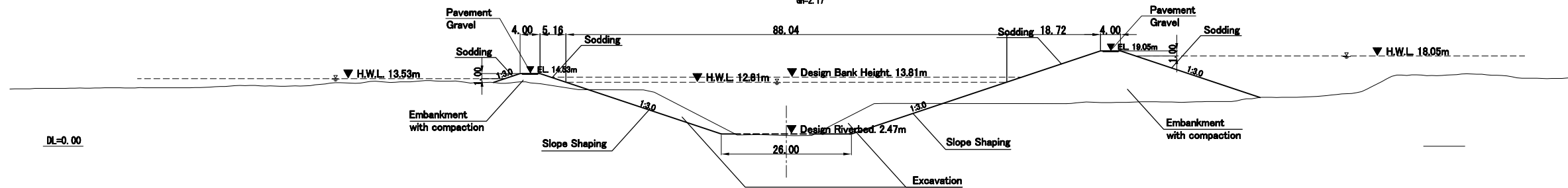
ACAD  
 CROSS SECTION

# Typical Cross Section of Retarding Basin

## Section1: 19.00K~20.75K

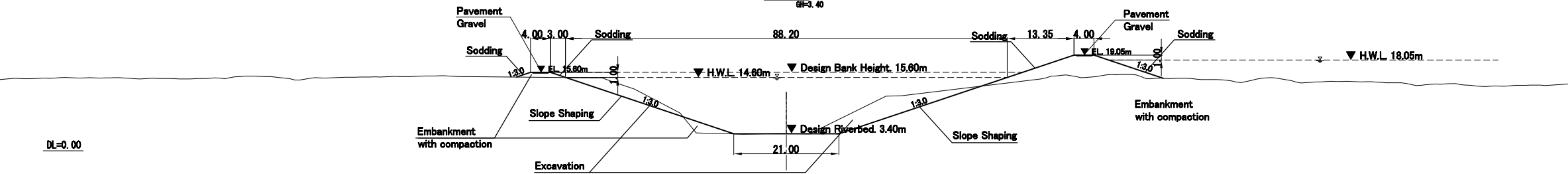


## 20.00K

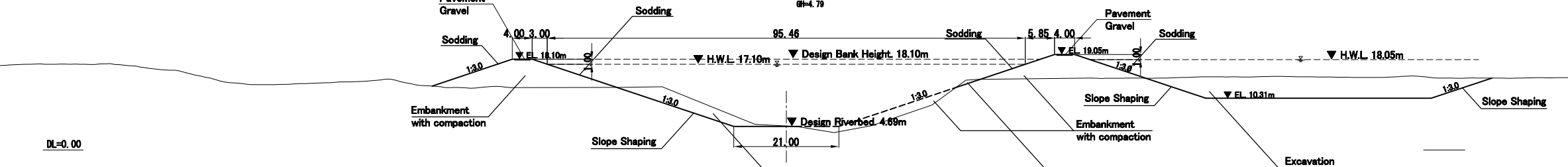


## Section2: 21.00K~24.25K

## 21.25K



## 23.00K



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

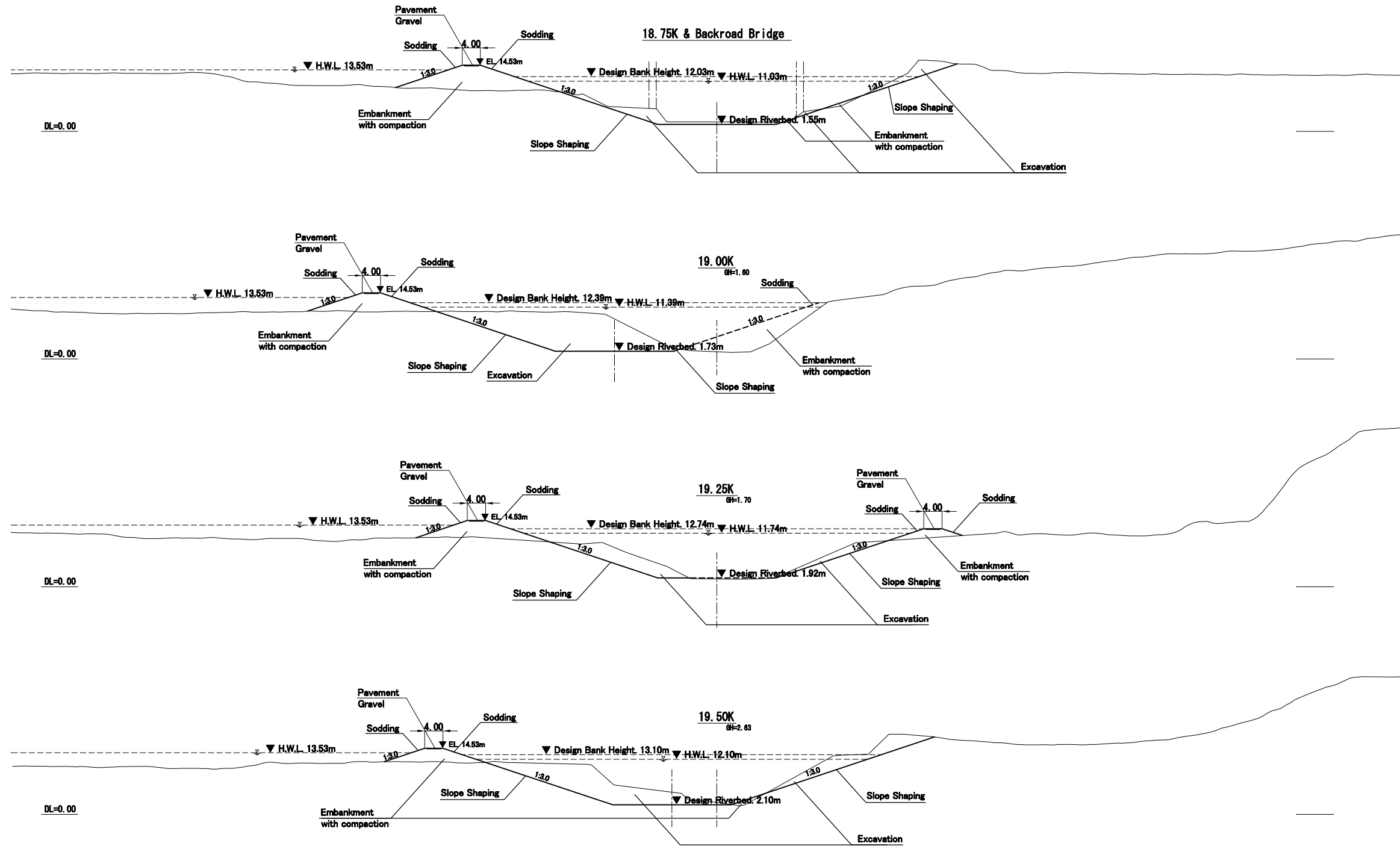
A8-31

TITLE  
TYPICAL CROSS SECTION OF  
RETARDING BASIN

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RB-02
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :	REF BY DATE	THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	



# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

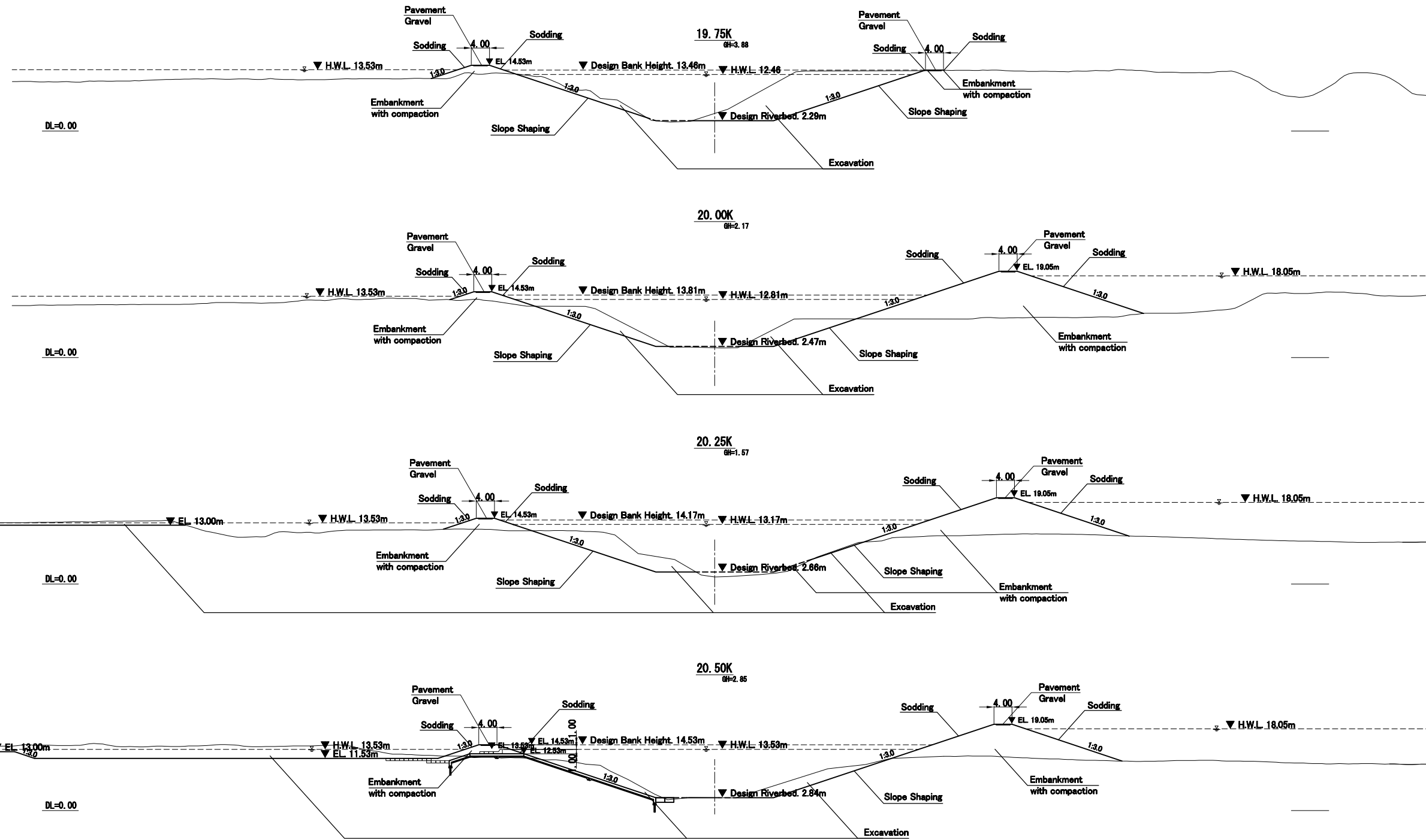
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-32

TITLE CROSS SECTION OF RETARDING BASIN  
 18.75K - 19.50K

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000	
DATE SURVEYED:		DATE PLOTTED :				DWG No.	RB-03	
SDRMAP REF:		CAD REF :				ACAD	CROSS SECTION	
Field Book No:		APPROVED :						
CHECKED:		REF	BY	DATE				
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# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

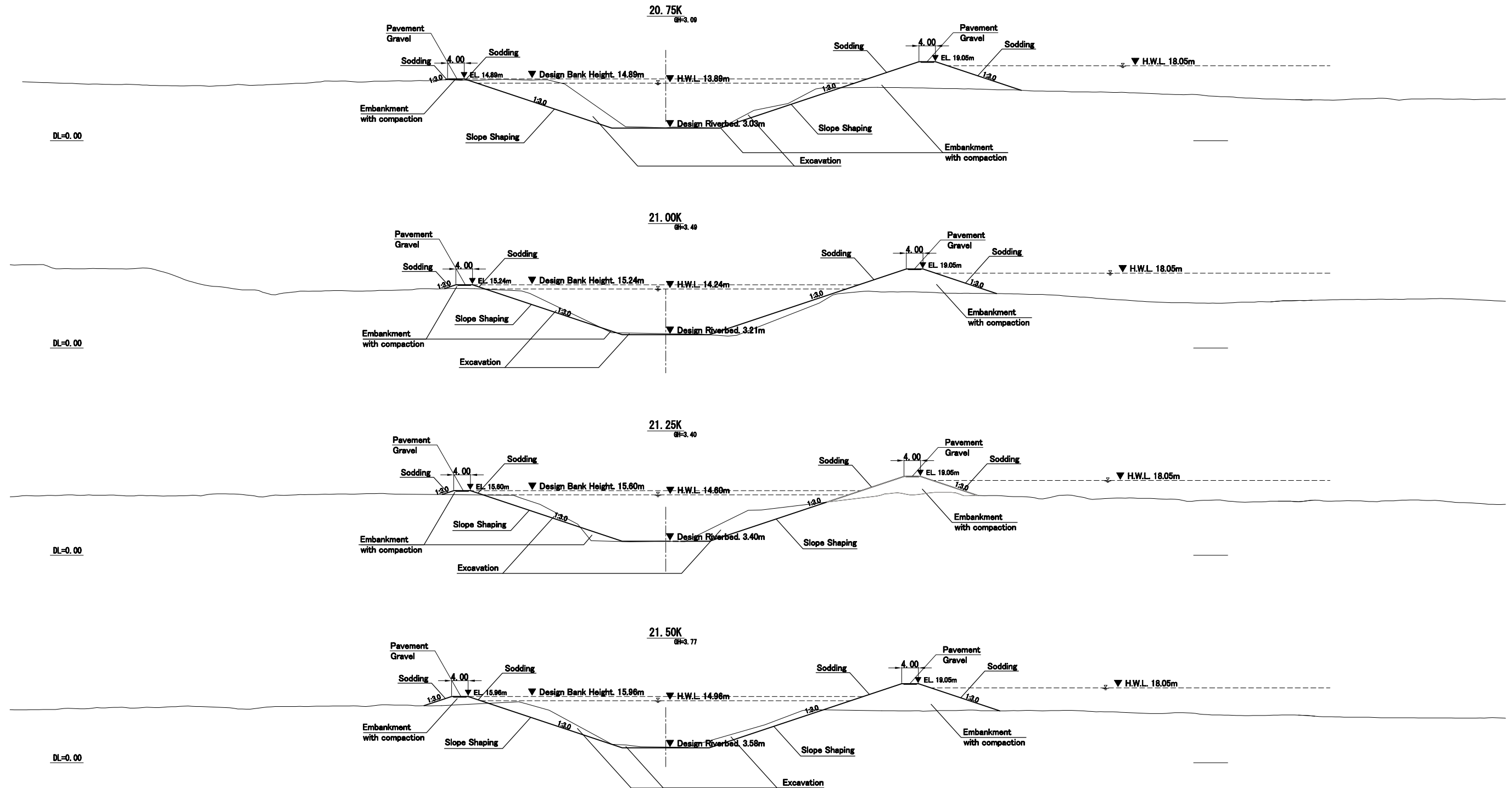
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-33

TITLE CROSS SECTION OF RETARDING BASIN  
 19.75K - 20.50K

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	RB-04
SDRMAP REF:		CAD REF :				ACAD	CROSS SECTION
Field Book No:		APPROVED :				THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	
CHECKED:		REF	BY	DATE			

# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

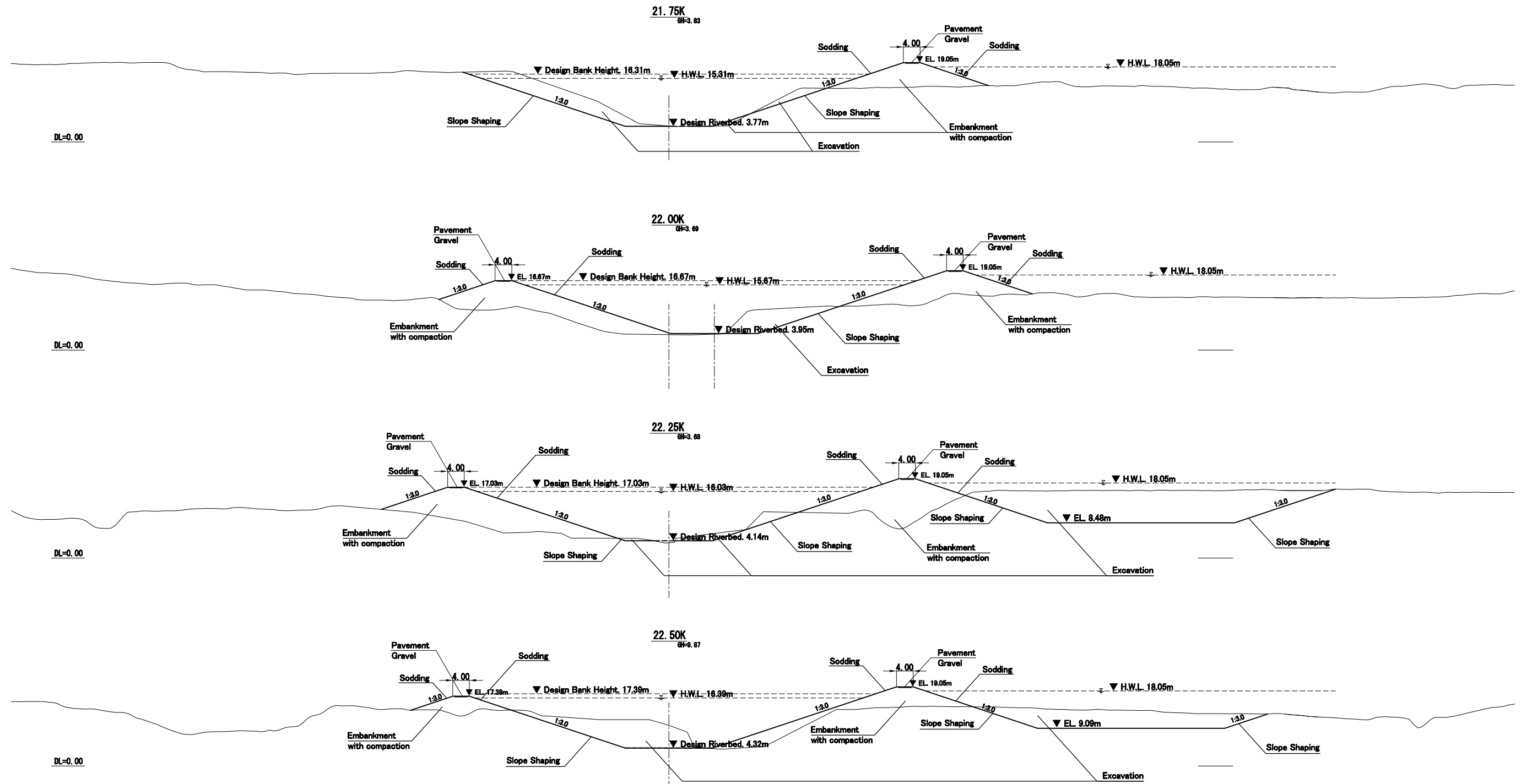
A8-34

TITLE CROSS SECTION OF RETARDING BASIN  
20.75K - 21.50K

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RB-05
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :			
CHECKED:	REF	BY	DATE	

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# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-35

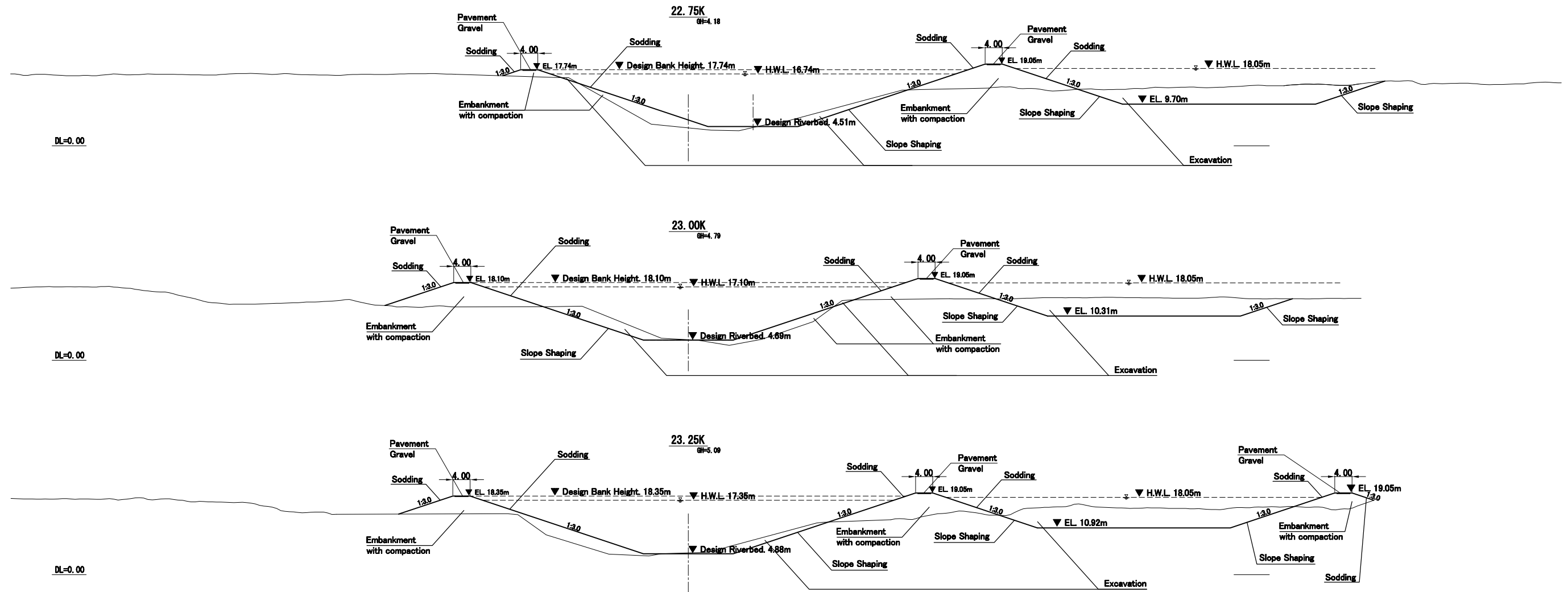
TITLE CROSS SECTION OF RETARDING BASIN  
21.75K - 22.50K

SURVEYED BY:	DRAWN BY :	JBW			
DATE SURVEYED:	DATE PLOTTED :				
SDRMAP REF:	CAD REF :				
Field Book No:	APPROVED :				
CHECKED:		REF	BY	DATE	

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SCALE 1 : 1,000  
DWG No. RB-06  
ACAD CROSS SECTION

# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

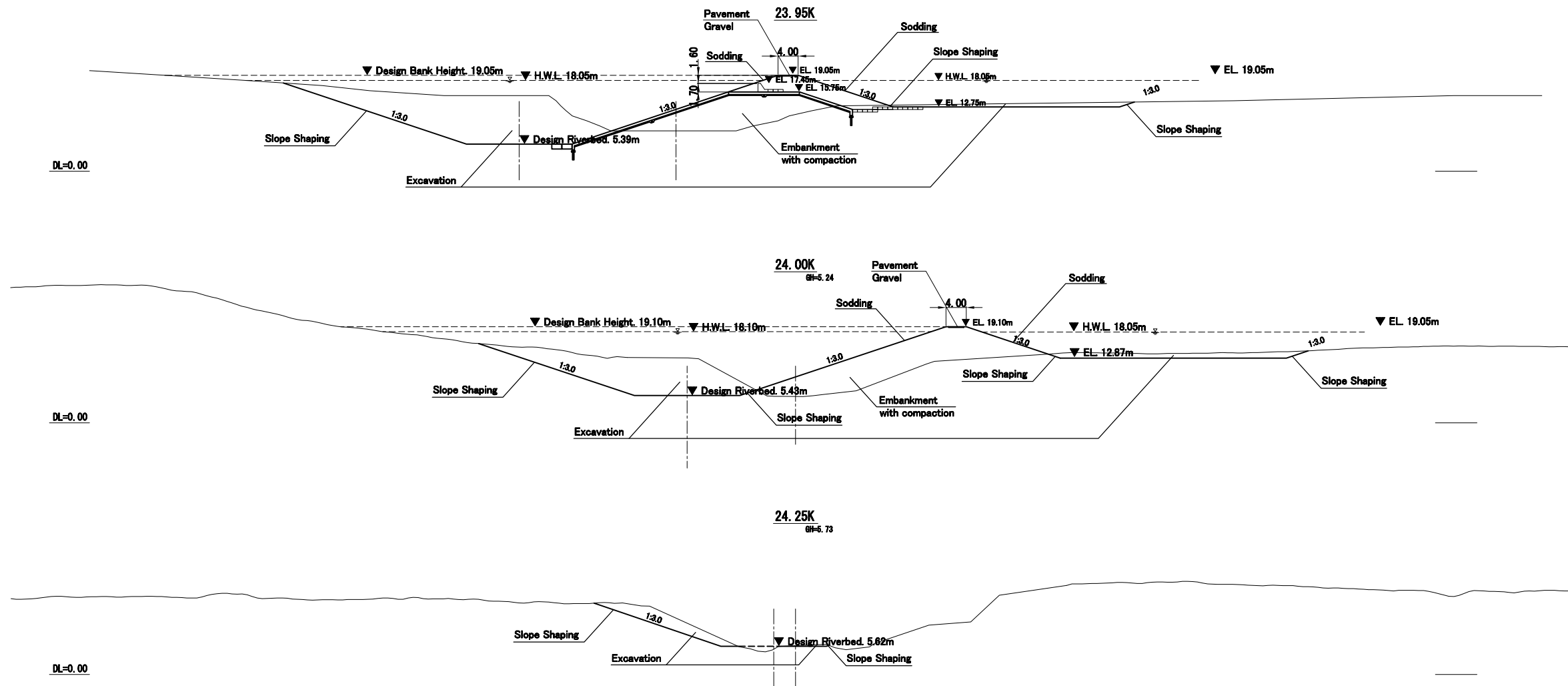
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-36

TITLE CROSS SECTION OF RETARDING BASIN  
 22.75K - 23.25K

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	RB-07
SDRMAP REF:		CAD REF :				ACAD	CROSS SECTION
Field Book No:		APPROVED :					
CHECKED:			REF	BY	DATE		
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# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

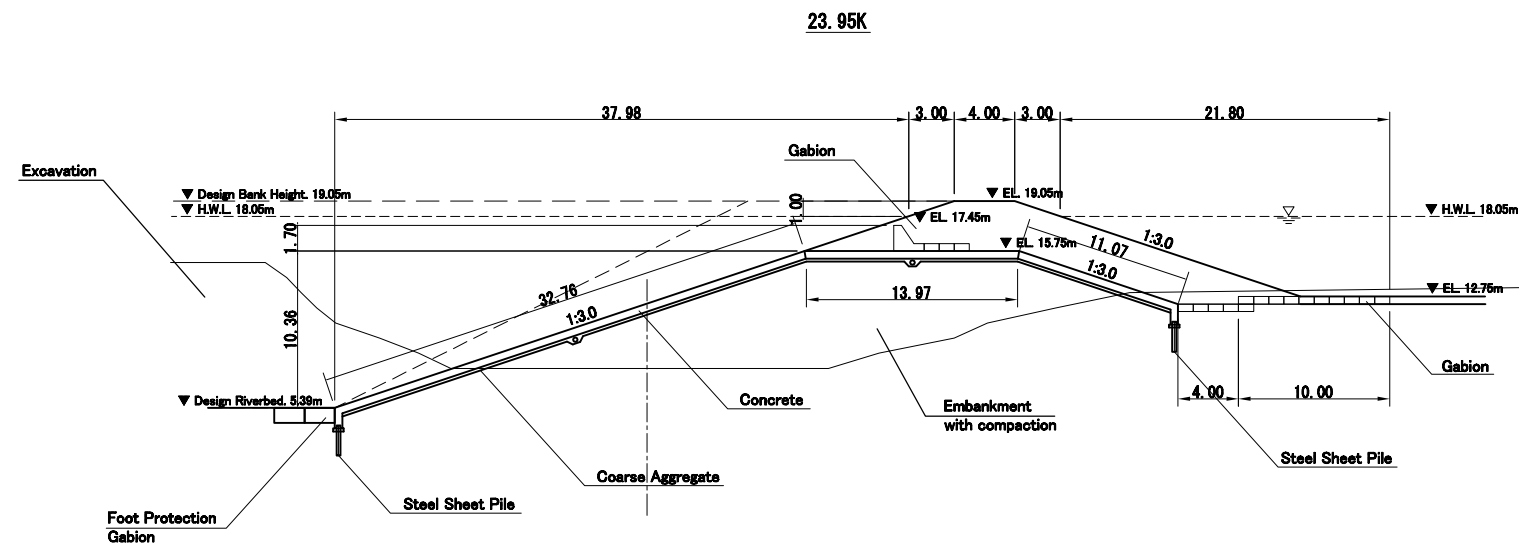
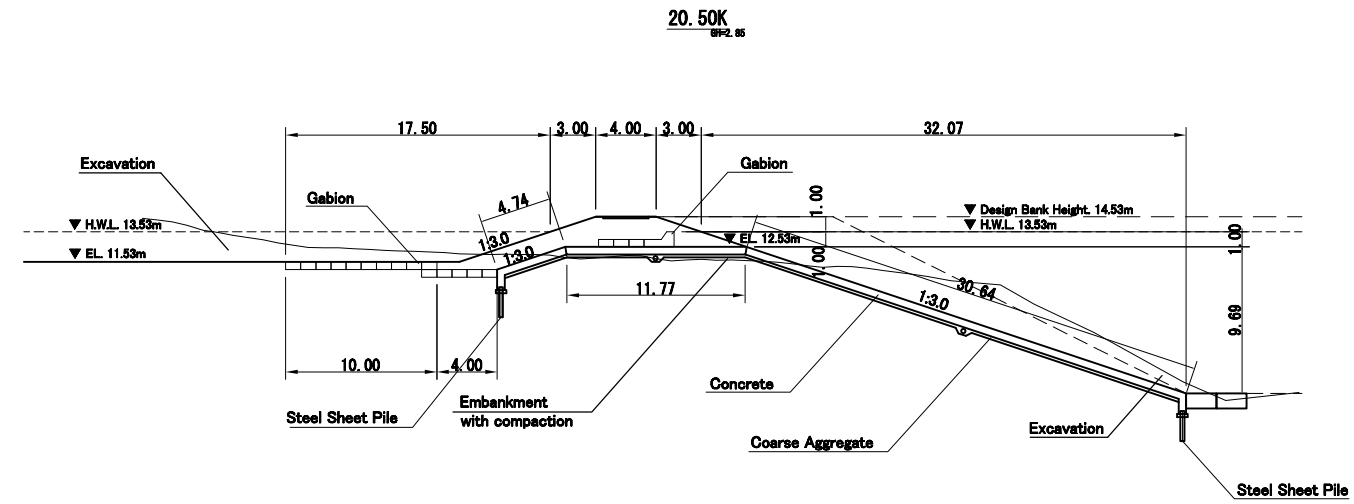
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-37

TITLE CROSS SECTION OF RETARDING BASIN  
 23.95K - 24.25K

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	RB-08
SDRMAP REF:		CAD REF :					
Field Book No:		APPROVED :				ACAD	CROSS SECTION
CHECKED:		REF	BY	DATE			
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# Overflow-Dike



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-38

TITLE CROSS SECTION OF OVERFLOW DIKE

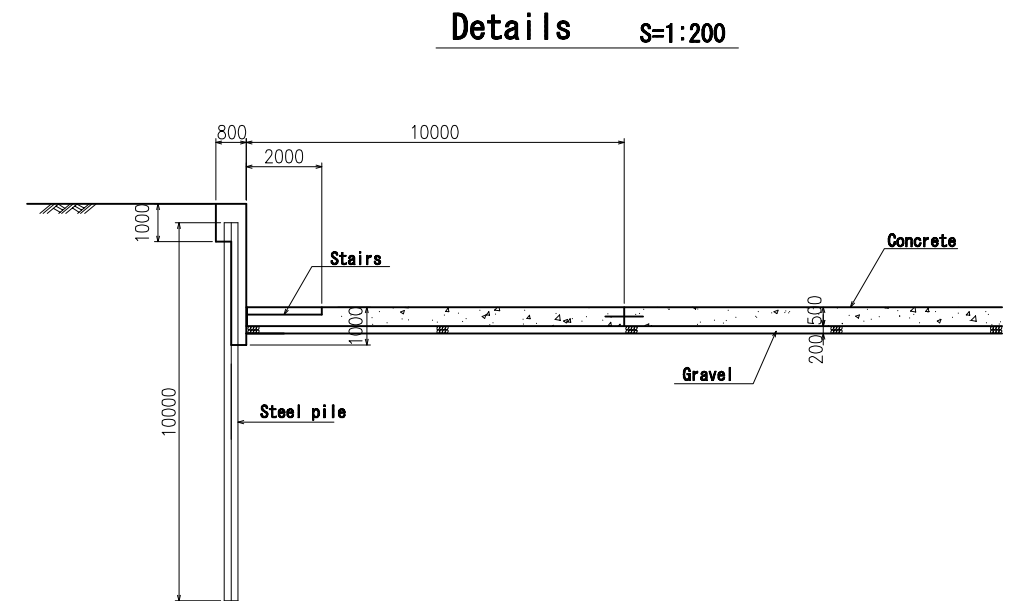
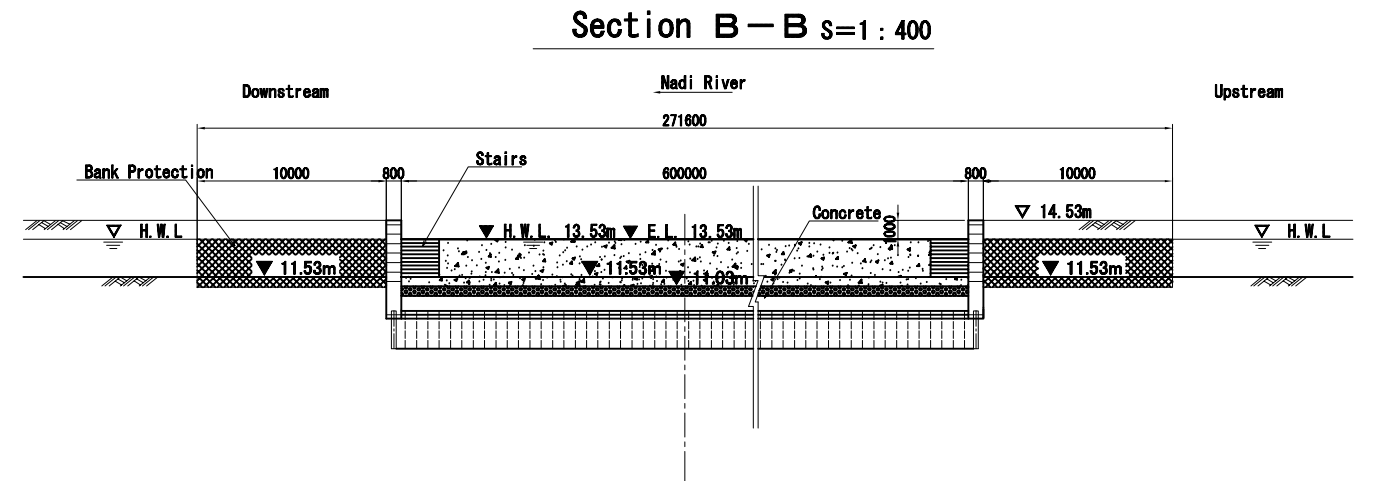
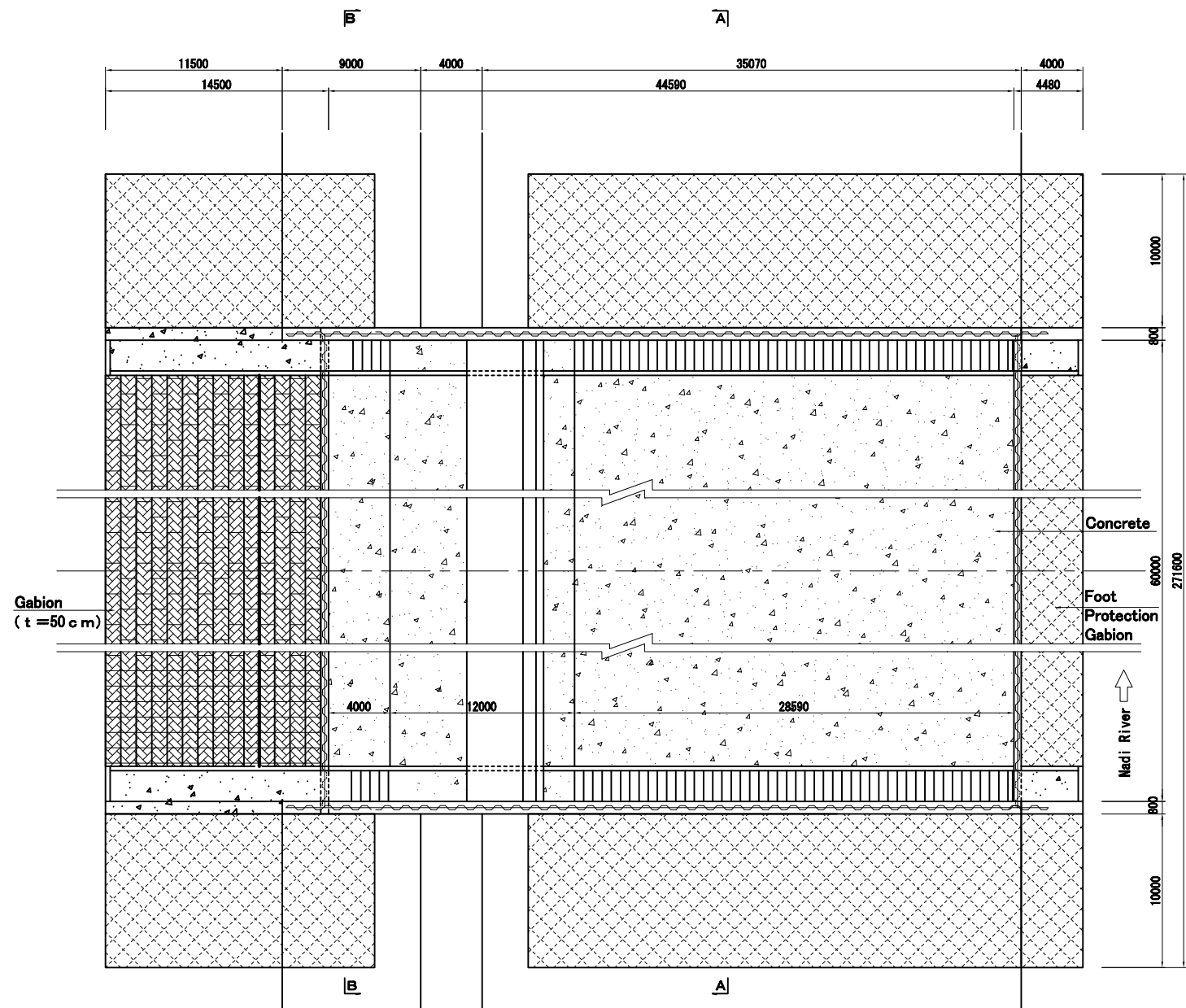
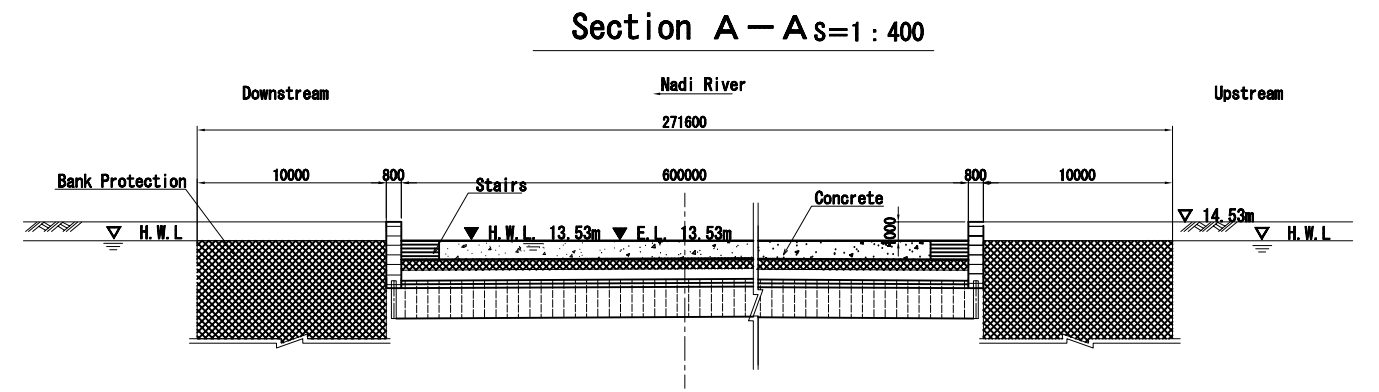
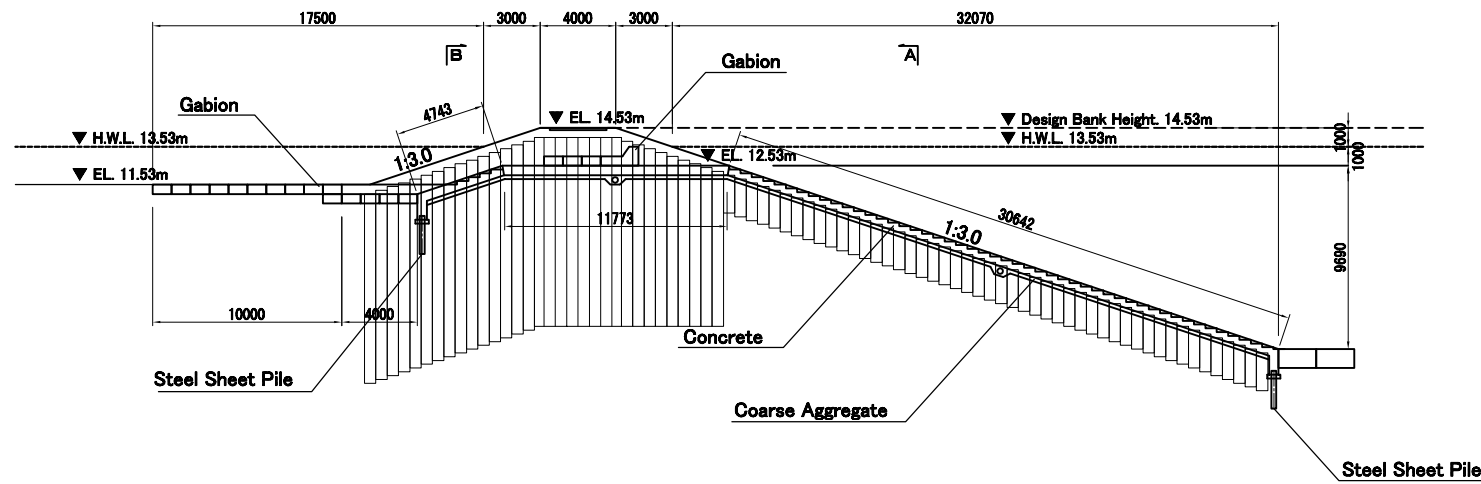
SURVEYED BY:		DRAWN BY :	JBW		
DATE SURVEYED:		DATE PLOTTED :			
SDRMAP REF:		CAD REF :			
Field Book No:		APPROVED :			
CHECKED:		REF	BY	DATE	

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SCALE 1 : 500

DWG No. RB-09

ACAD  
 CROSS SECTION



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-39

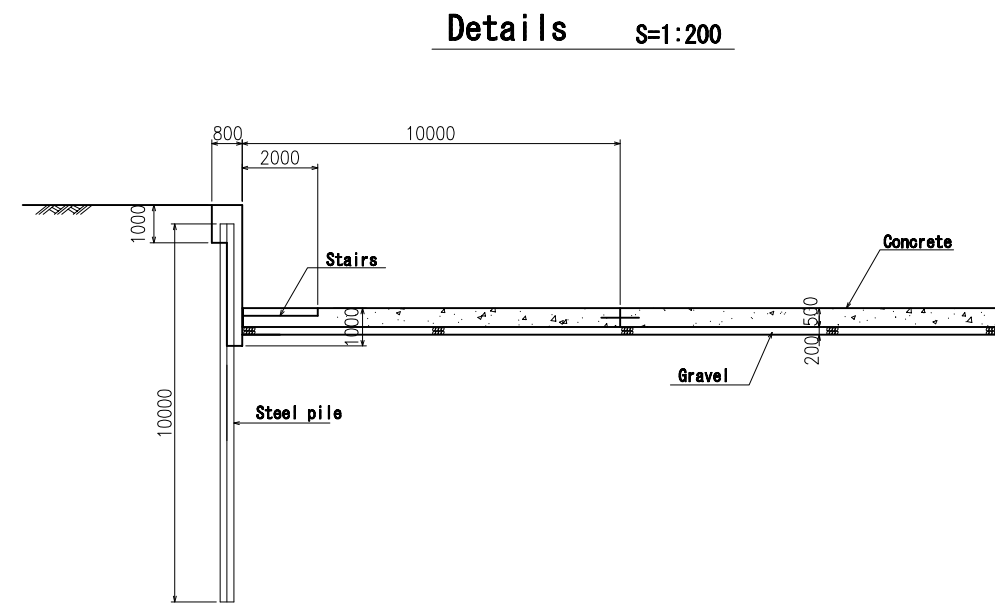
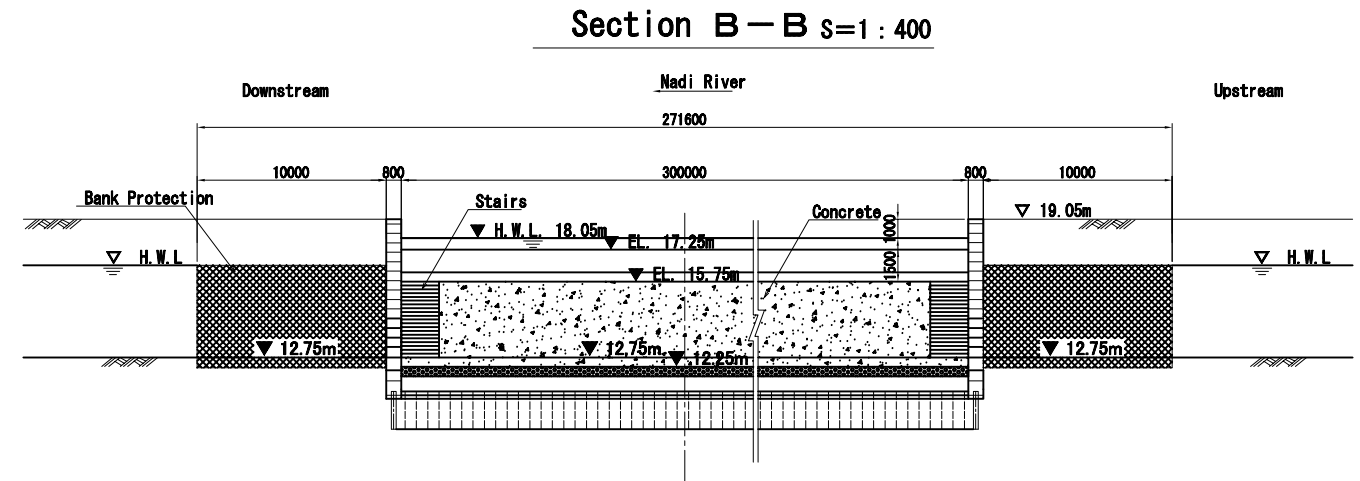
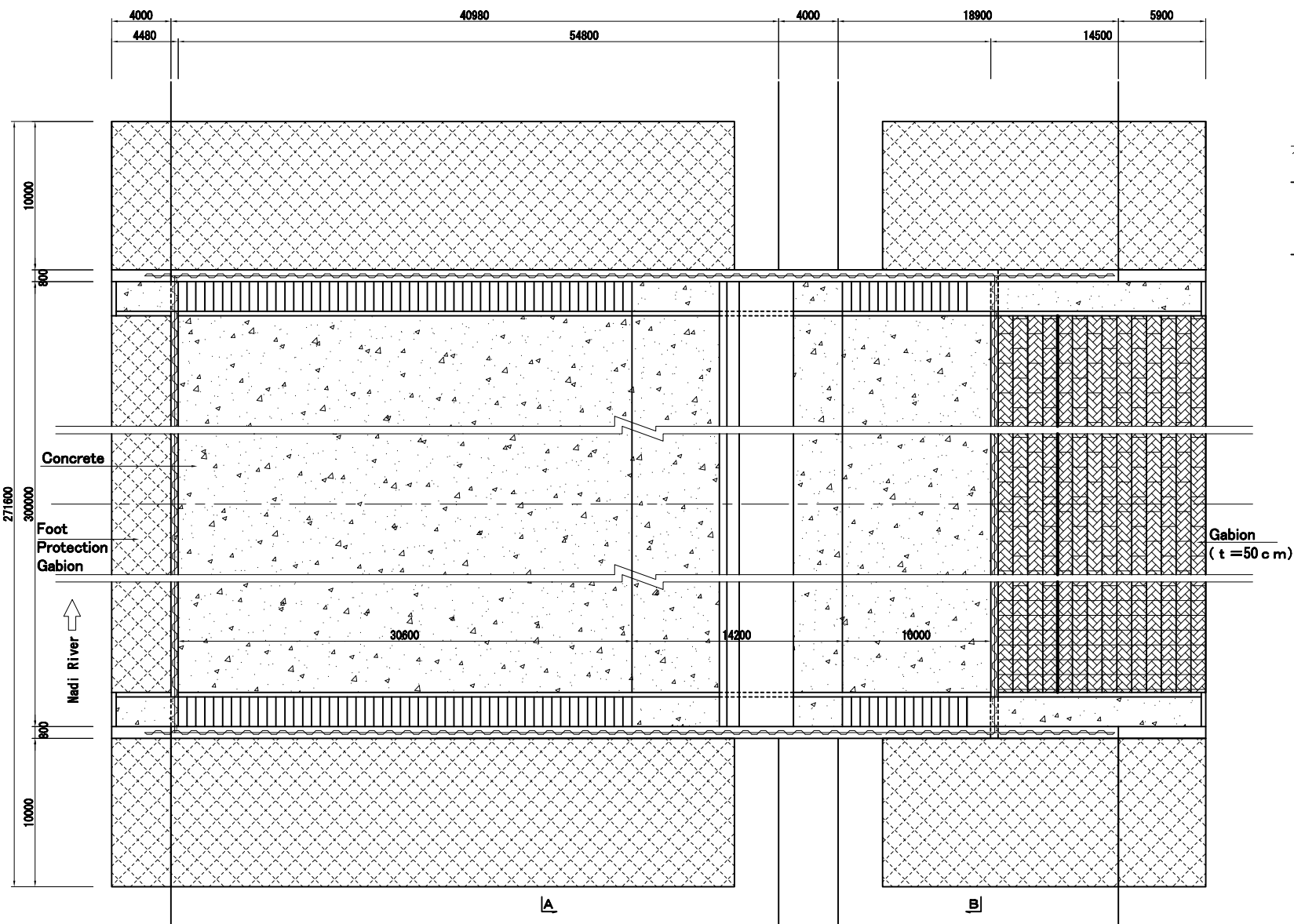
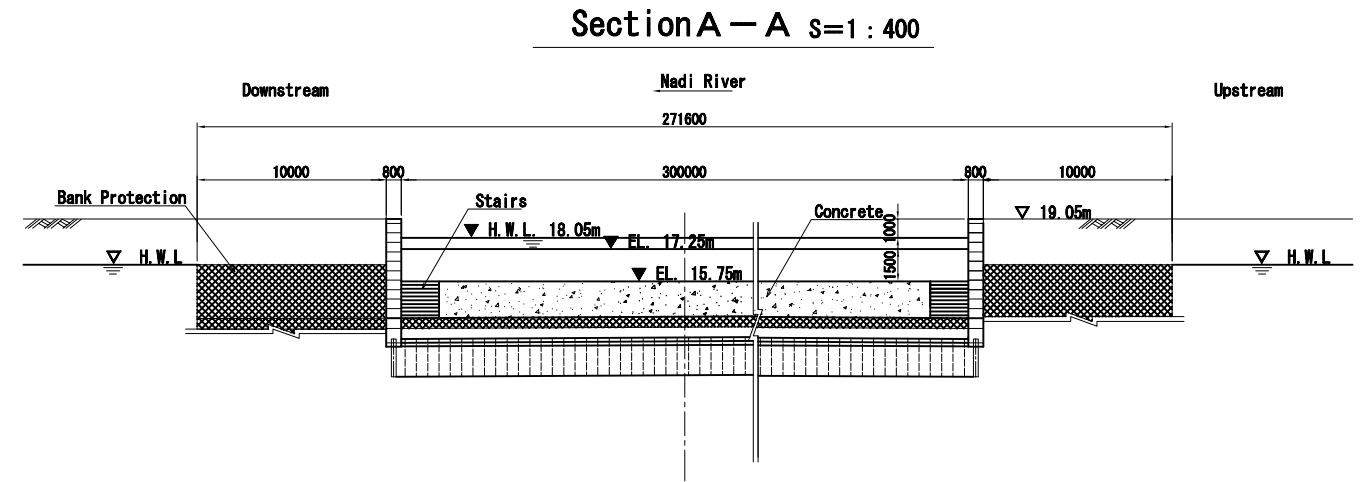
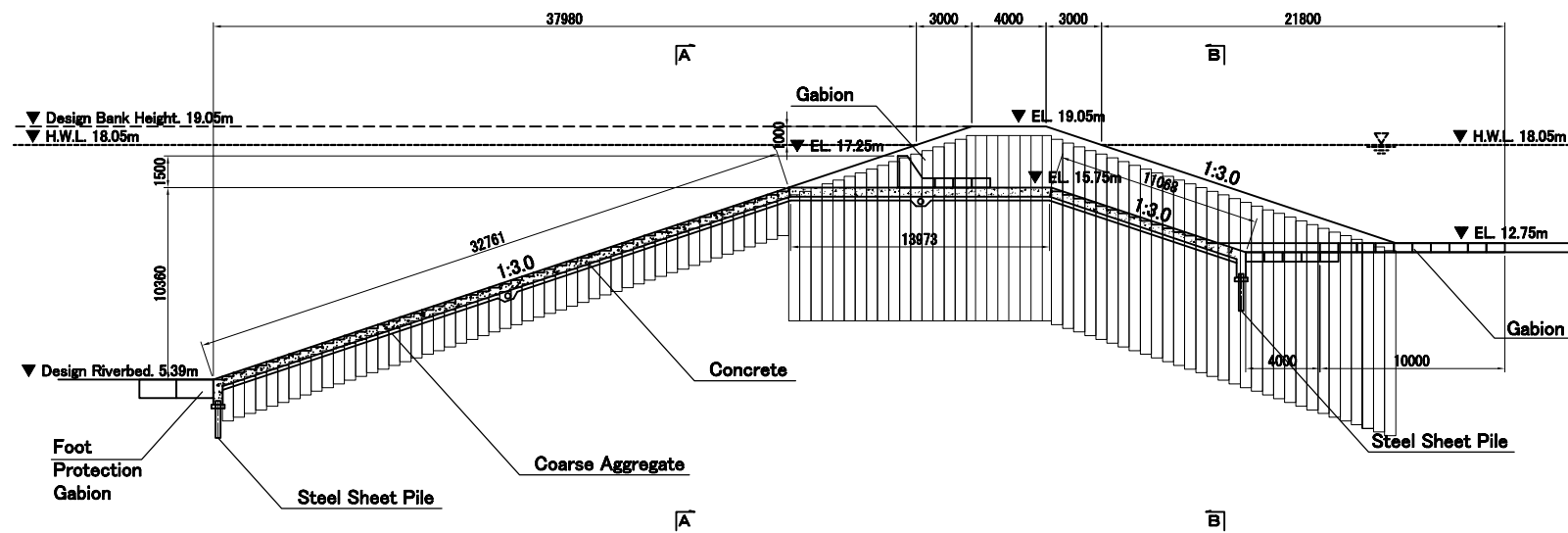
TITLE GENERAL PLAN OF OVERFLOW DIKE  
FOR RETARDING BASIN A

SURVEYED BY:	DRAWN BY :	JBW		
DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:		REF	BY	DATE

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SCALE 1 : 400, 200  
DWG No. RB-10  
ACAD CROSS SECTION





PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-40

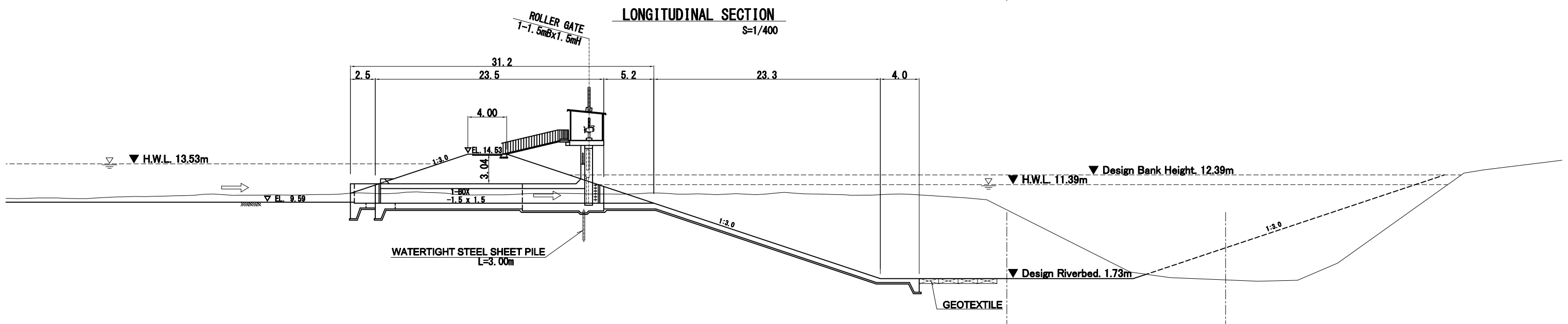
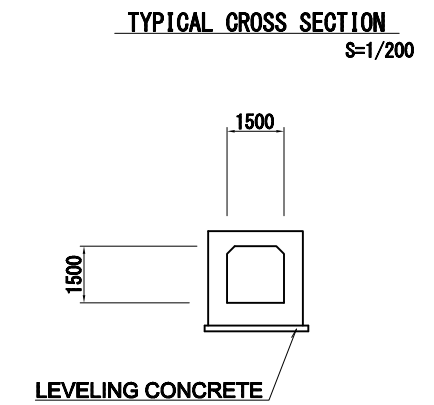
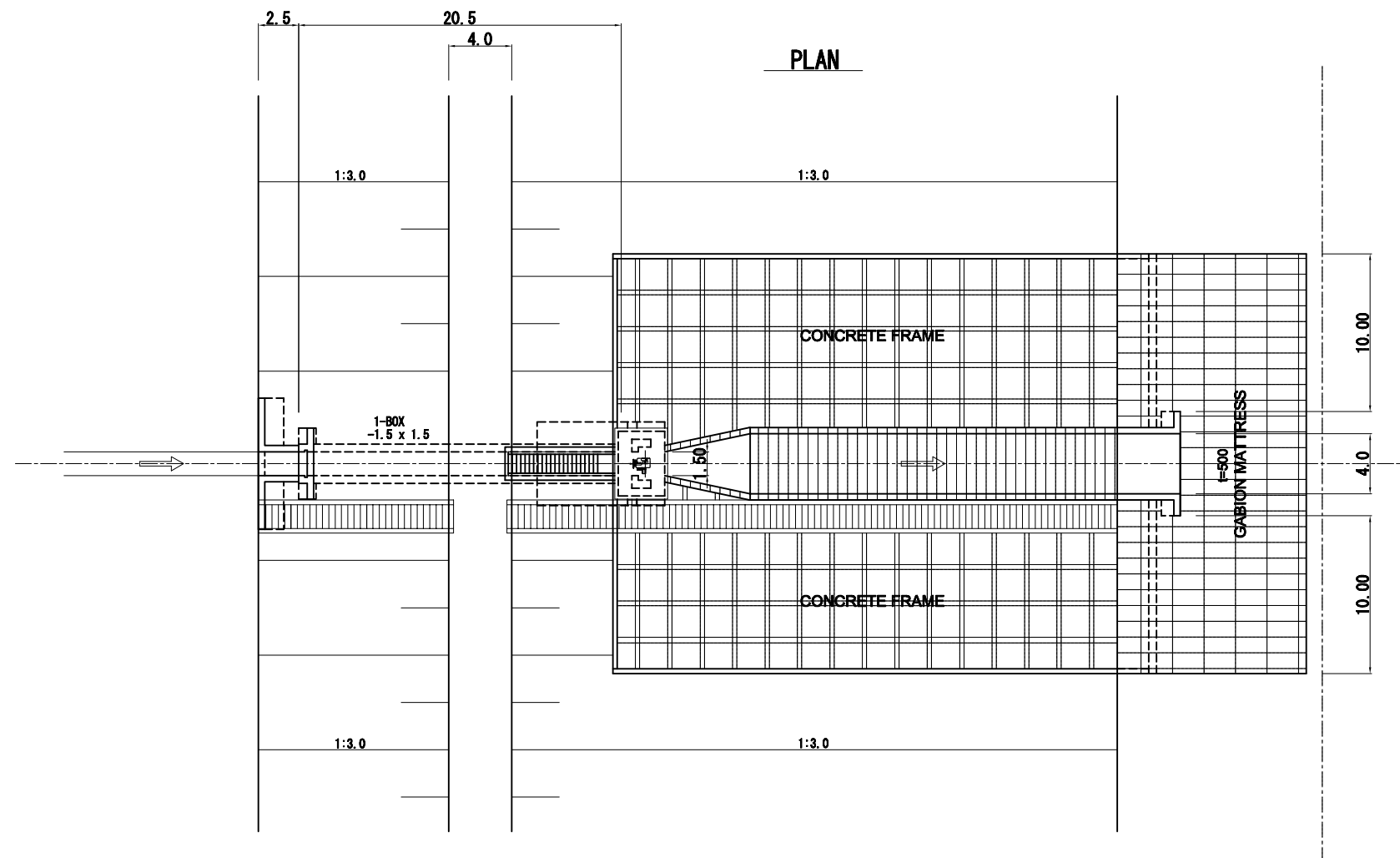
TITLE GENERAL PLAN OF OVERFLOW DIKE  
FOR RETARDING BASIN B

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1: 400, 200
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RB-11
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :			
CHECKED:	REF	BY	DATE	

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# GENERAL PLAN OF SLUICWAYS of Retarding Basin A

1-CULVERT BOX 1500B x 1500H



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-41

TITLE GENERAL PLAN OF SLUICWAYS OF  
RETARDING BASIN A

SURVEYED BY:	DRAWN BY :	JBW		
DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:		REF	BY	DATE

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WITHOUT THE WRITTEN PERMISSION OF CADASTRAIS

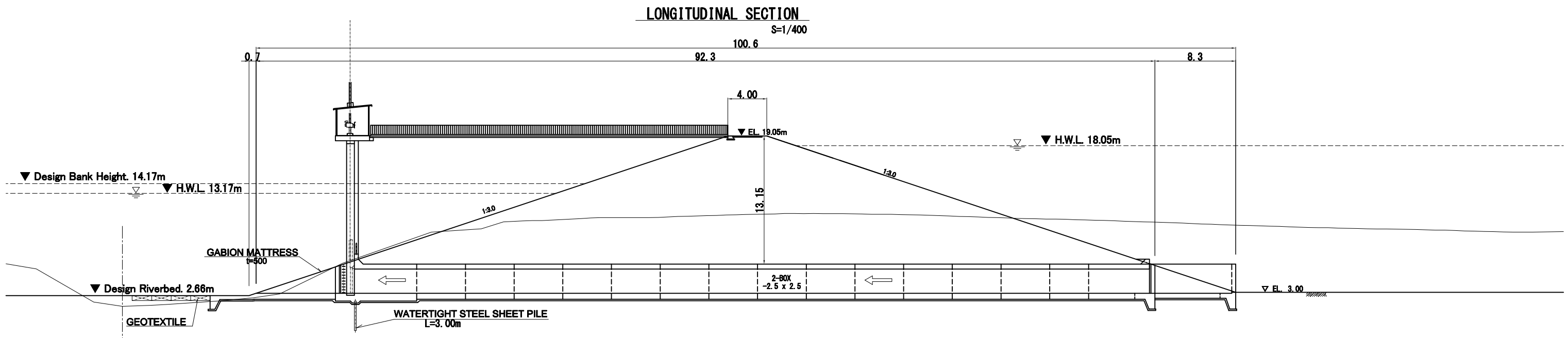
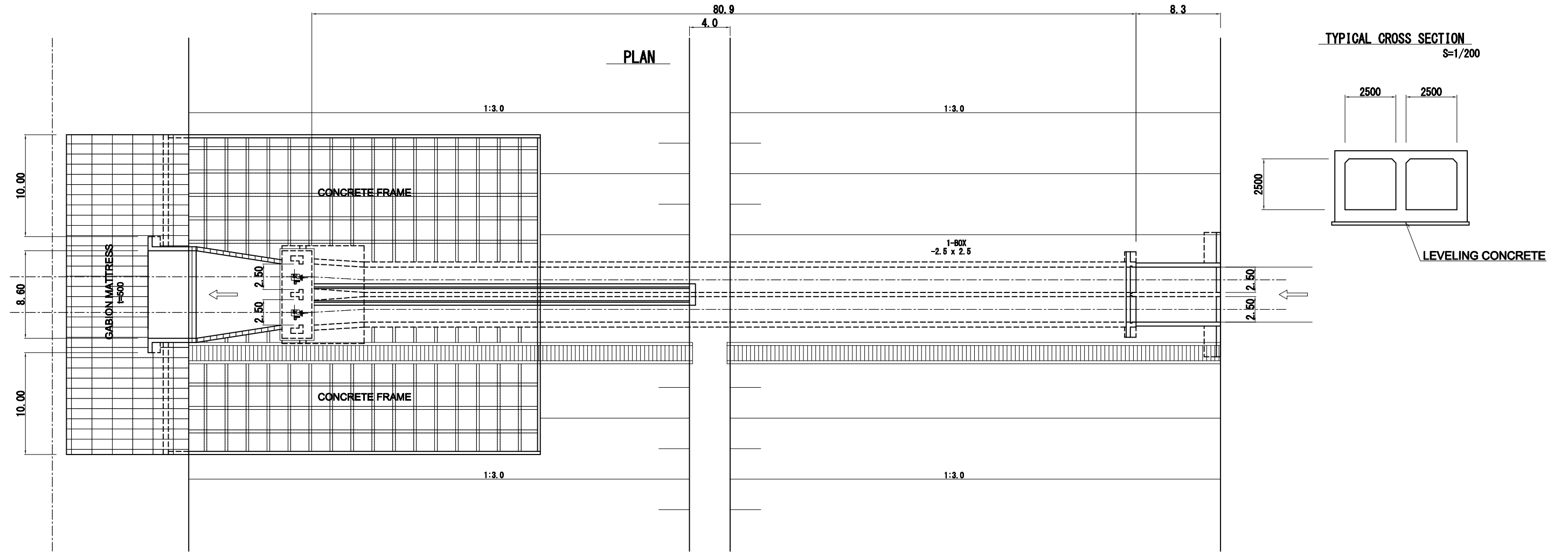
SCALE 1 : 400, 200

DWG No. RB-12

ACAD  
CROSS SECTION

# GENERAL PLAN OF SLUICWAYS of Retarding Basin B

2500B x 2500H 2-CULVERT BOX



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-42

TITLE  
GENERAL PLAN OF SLUICWAYS OF  
RETARDING BASIN B

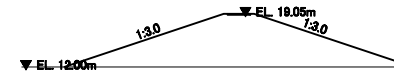
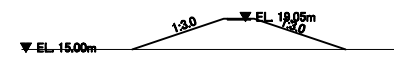
SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 400, 200
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RB-13
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :			
CHECKED:	REF	BY	DATE	
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# General Cross Section of Surrounding Dike of Retarding Basin A, B

Retarding Basin A



Retarding Basin B



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-43

TITLE  
GENERAL PLAN OF SLUICWAYS OF  
RETARDING BASIN B

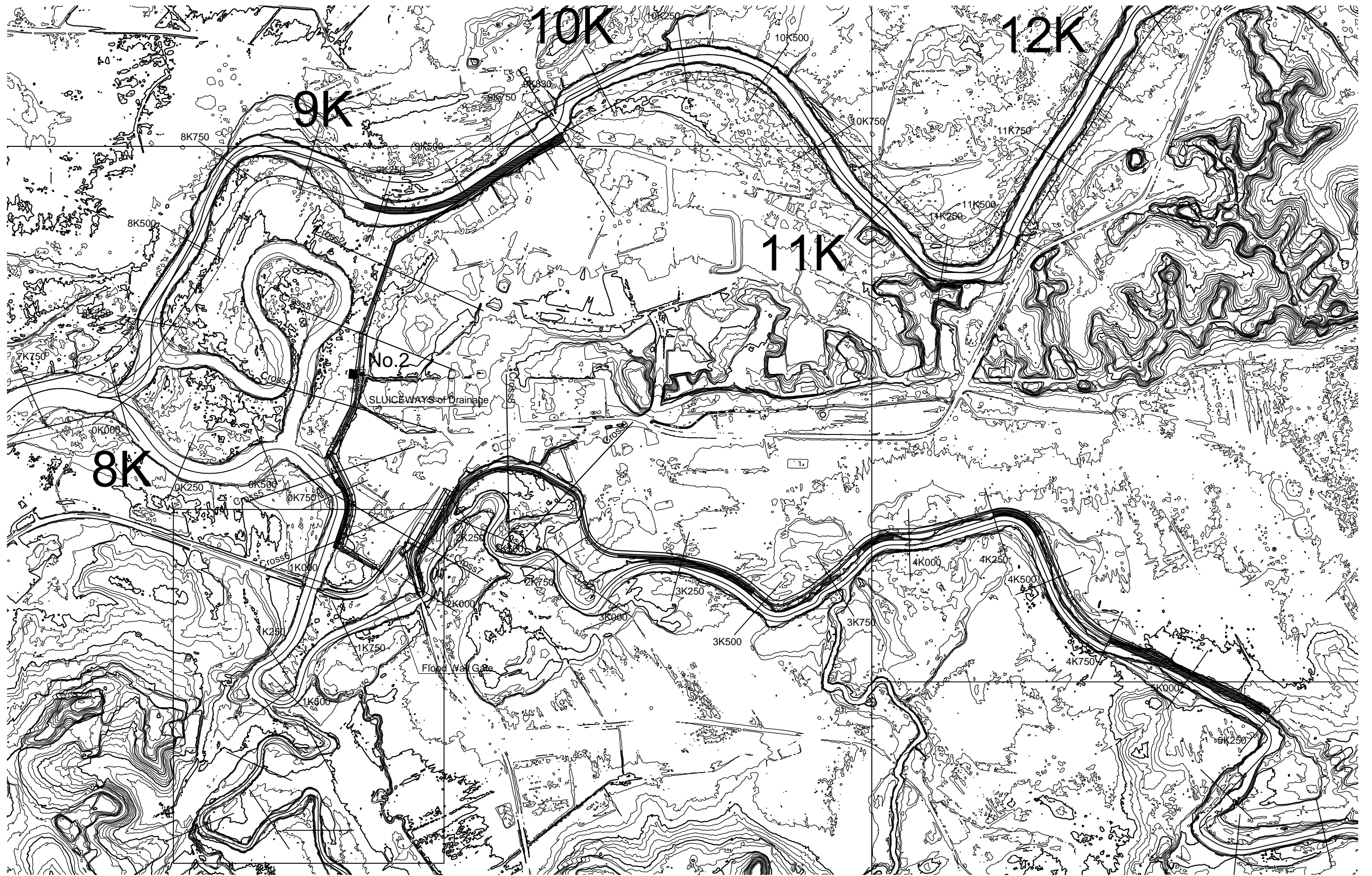
SURVEYED BY:		DRAWN BY :	JBW		
DATE SURVEYED:		DATE PLOTTED :			
SDRMAP REF:		CAD REF :			
Field Book No:		APPROVED :			
CHECKED:		REF	BY	DATE	

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SCALE NTS

DWG No. RB-14

ACAD  
CROSS SECTION



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

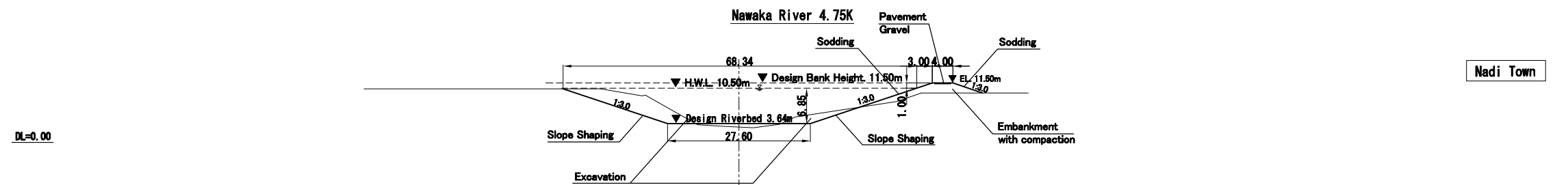
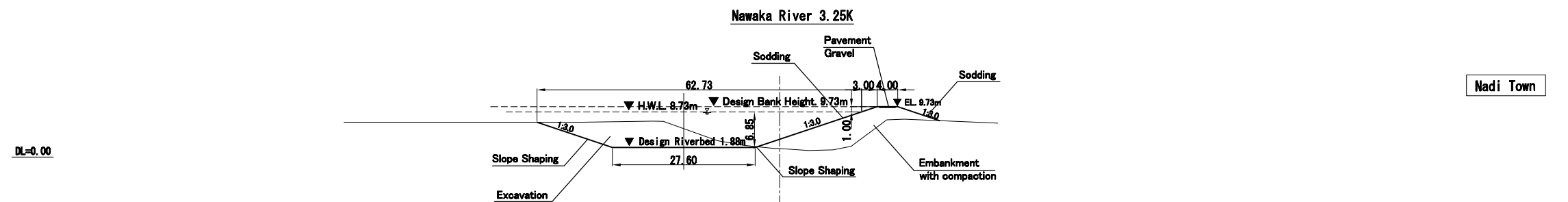
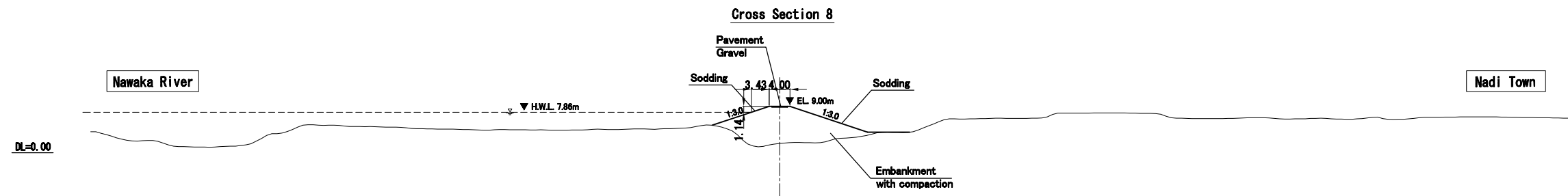
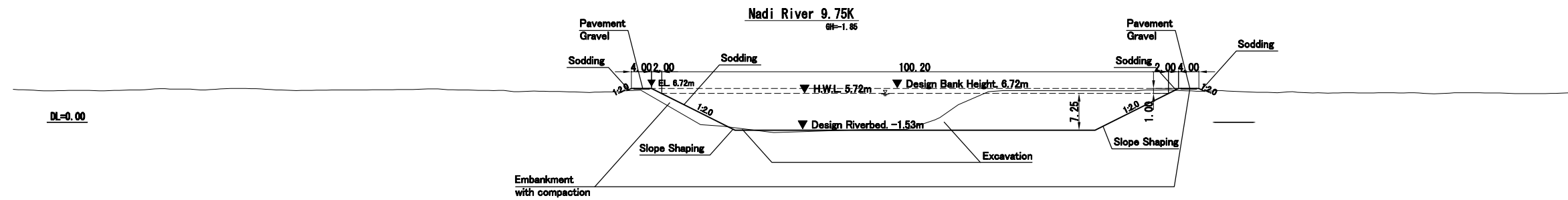
A8-44

TITLE  
 PLAN VIEW OF SURROUNDING DIKE

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 10,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	SD-01
SDRMAP REF:	CAD REF :		ACAD	
Field Book No:	APPROVED :		CROSS SECTION	
CHECKED:	REF	BY	DATE	

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# Typical Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

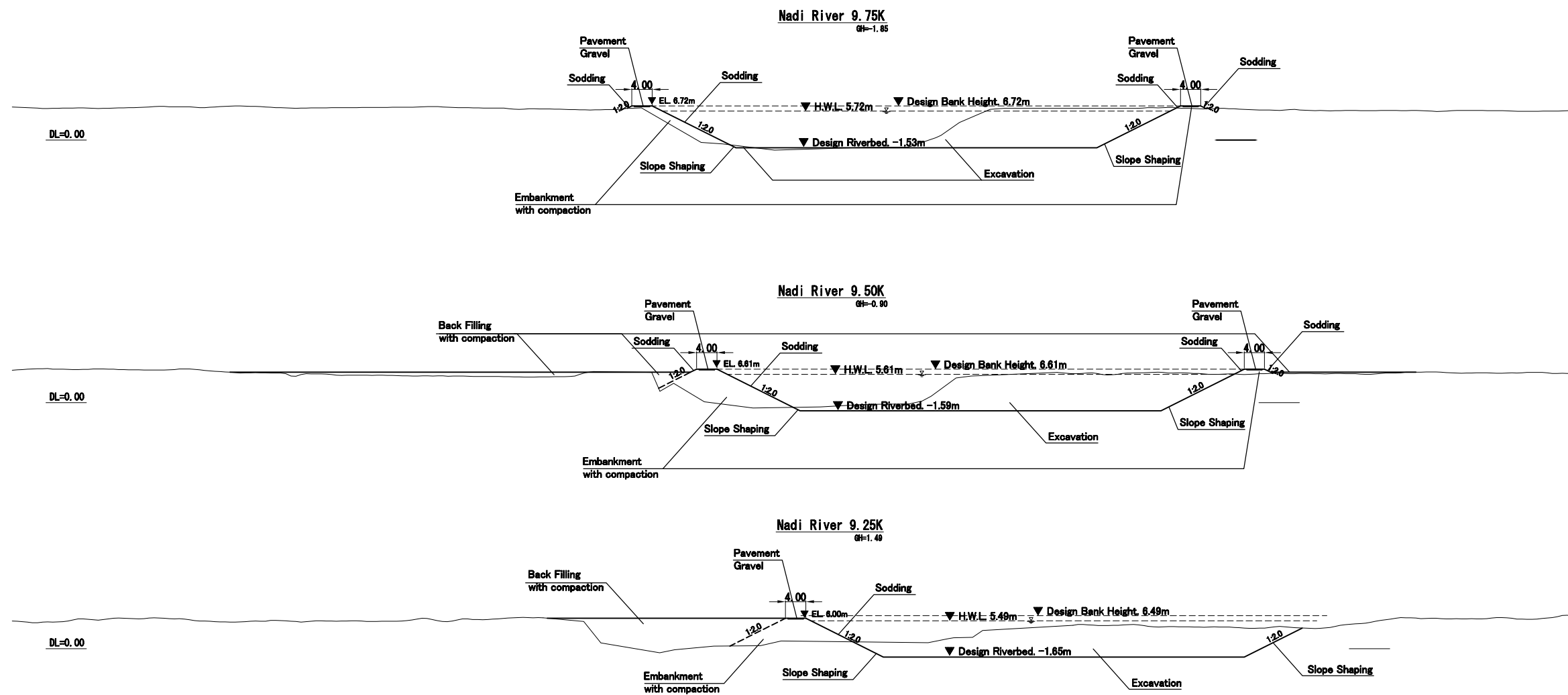
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NADI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-45

TITLE  
TYPICAL SECTION OF  
SURROUNDING DIKE

SURVEYED BY:	DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :				DWG No.	SD-02
SDRMAP REF:	CAD REF :				ACAD	CROSS SECTION
Field Book No:	APPROVED :					
CHECKED:		REF	BY	DATE		
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# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-46

TITLE CROSS SECTION OF SURROUNDING DIKE  
01

SURVEYED BY:	DRAWN BY :	JBW		
DATE SURVEYED:	DATE PLOTTED :			
SDRMAP REF:	CAD REF :			
Field Book No:	APPROVED :			
CHECKED:		REF	BY	DATE

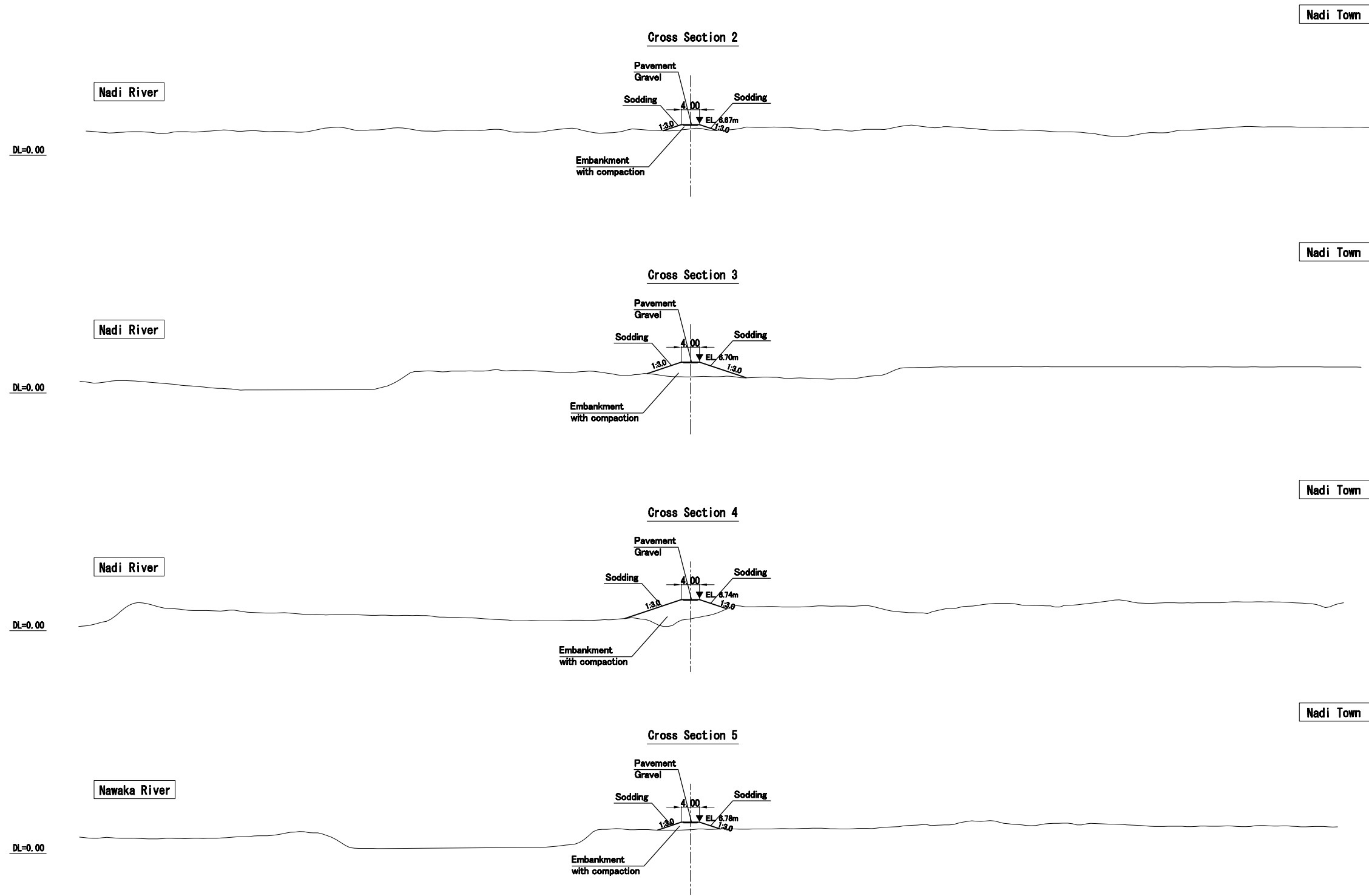
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SCALE 1 : 1,000

DWG No. SD-03

ACAD  
CROSS SECTION

# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-47

TITLE CROSS SECTION OF SURROUNDING DIKE  
 02

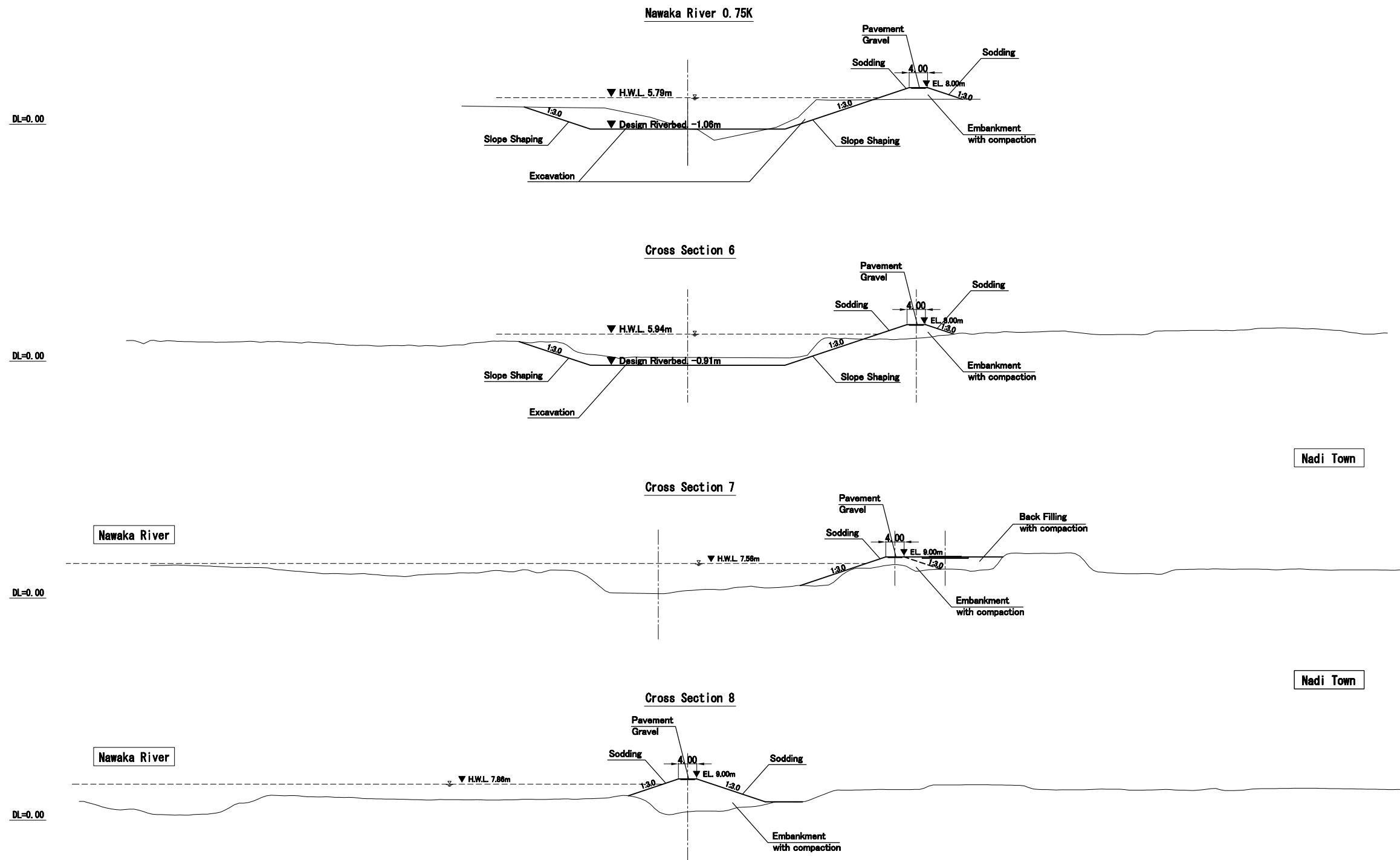
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DATE SURVEYED:		DATE PLOTTED :			
SDRMAP REF:		CAD REF :			
Field Book No:		APPROVED :			
CHECKED:		REF	BY	DATE	

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SCALE	1 : 1,000
DWG No.	SD-04
ACAD	CROSS SECTION



# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

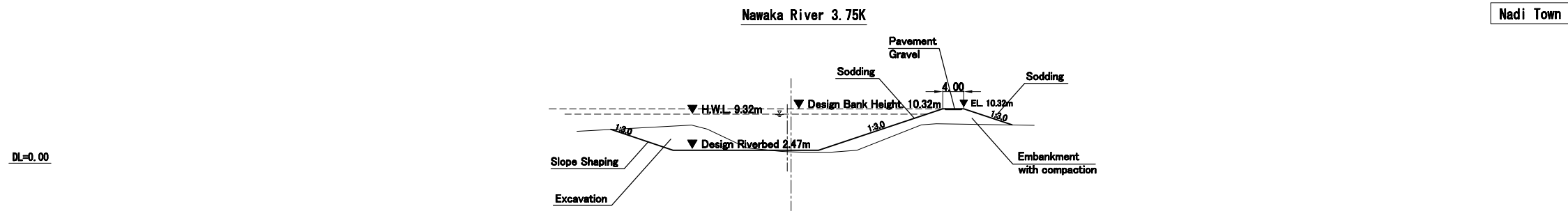
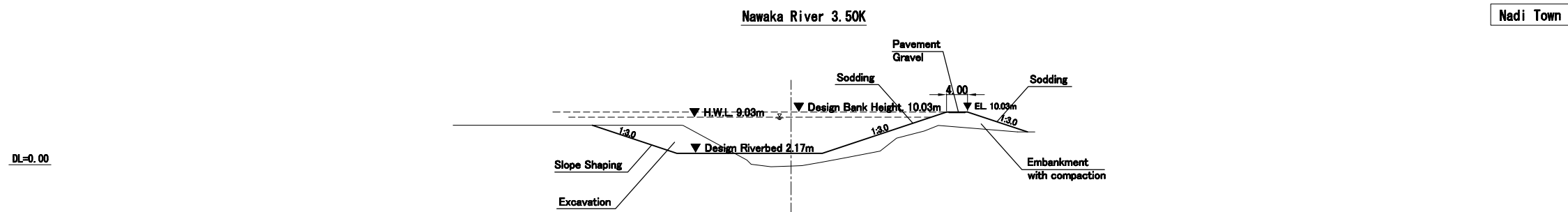
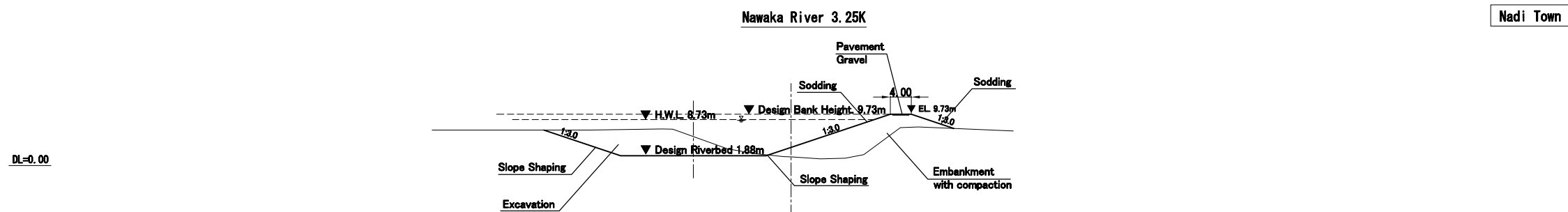
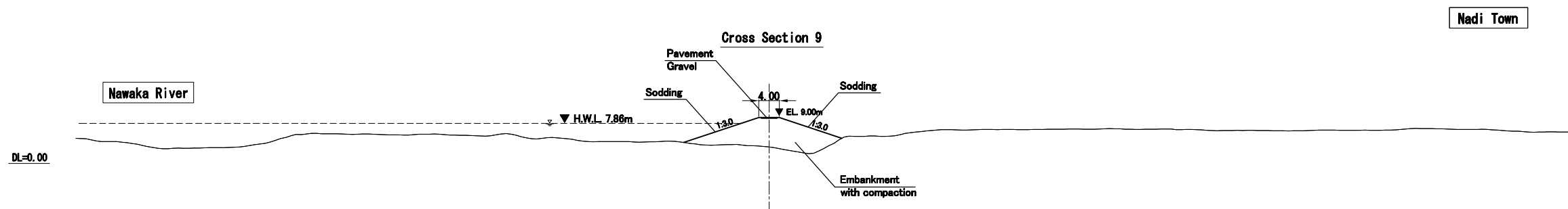
CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-48

TITLE CROSS SECTION OF SURROUNDING DIKE  
 03

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	SD-05
SDRMAP REF:		CAD REF :					
Field Book No:		APPROVED :				ACAD	
CHECKED:			REF	BY	DATE	CROSS SECTION	
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# Cross Section



PROPOSED STRUCTURE FOR PRIORITY PROJECT

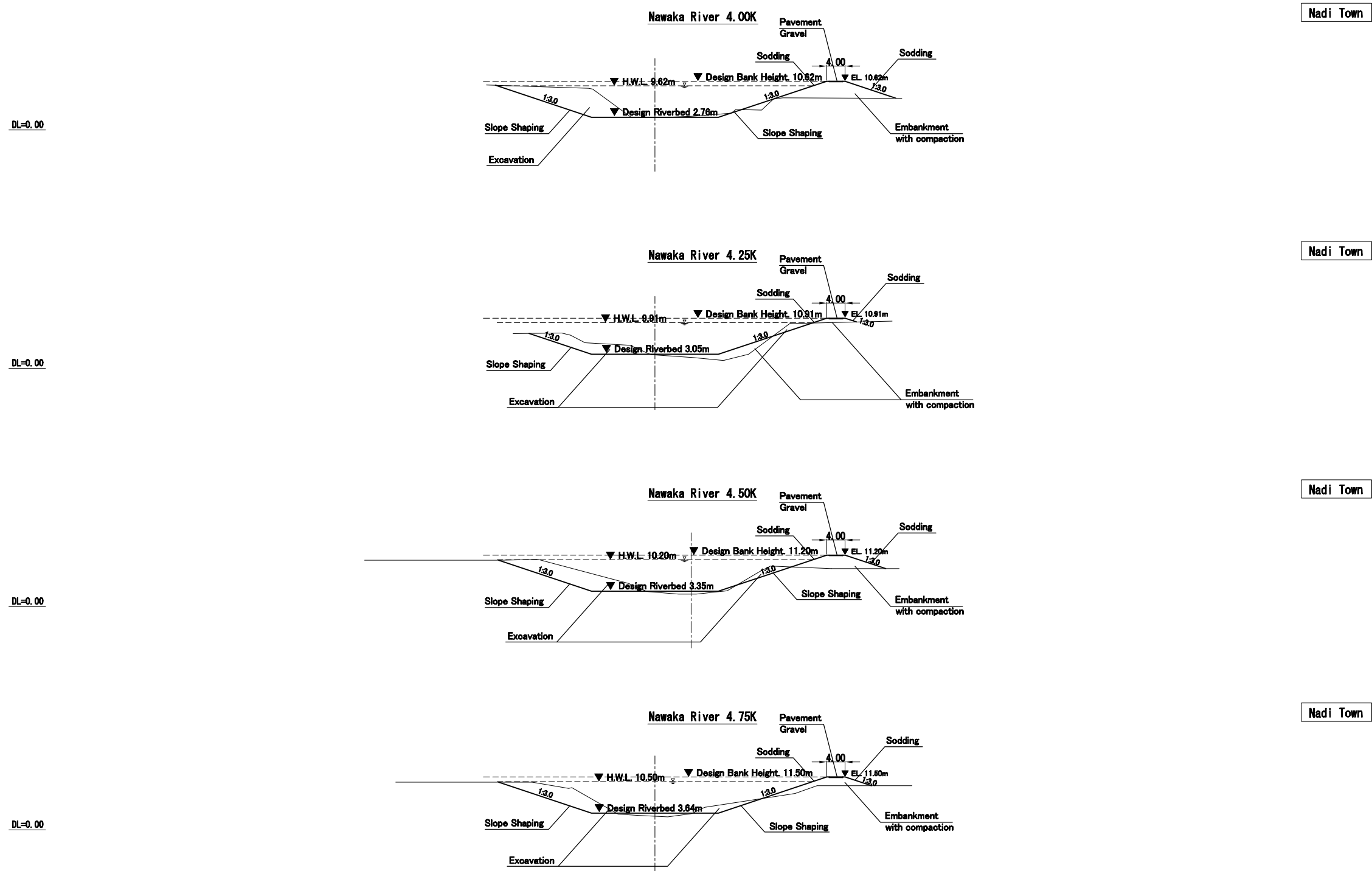
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-49

TITLE CROSS SECTION OF SURROUNDING DIKE  
04

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	SD-06
SDRMAP REF:		CAD REF :				ACAD	CROSS SECTION
Field Book No:		APPROVED :					
CHECKED:			REF	BY	DATE		
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# Cross Section



Nadi Town

Nadi Town

Nadi Town

Nadi Town

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

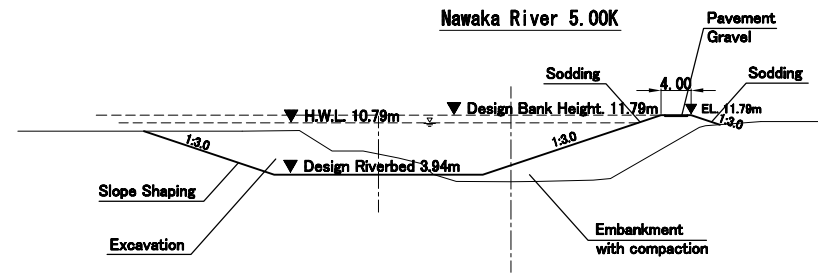
A8-50

TITLE CROSS SECTION OF SURROUNDING DIKE  
 05

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 1,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	SD-07
SDRMAP REF:		CAD REF :				ACAD	CROSS SECTION
Field Book No:		APPROVED :				THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	
CHECKED:		REF	BY	DATE			

# Cross Section

DL=0.00



Nadi Town

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

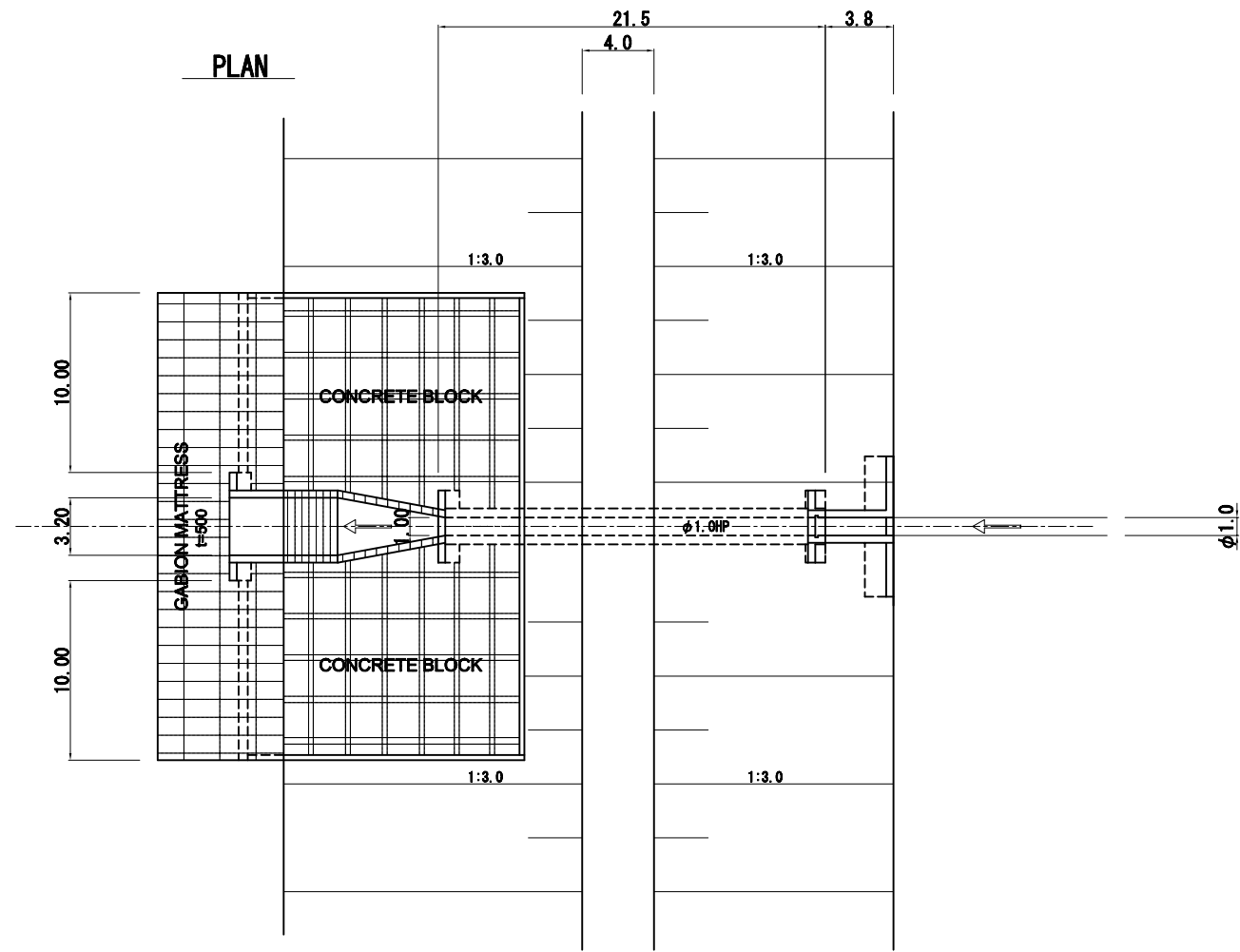
A8-51

TITLE  
 CROSS SECTION OF SURROUNDING DIKE  
 06

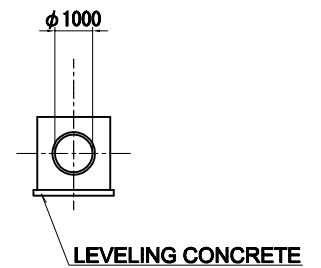
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DATE SURVEYED:		DATE PLOTTED :				DWG No.	SD-08
SDRMAP REF:		CAD REF :					
Field Book No:		APPROVED :					
CHECKED:			REF	BY	DATE	ACAD	CROSS SECTION
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# GENERAL PLAN OF SLUICEWAYS for Drainage of Surrounding Dike for Nadi Town

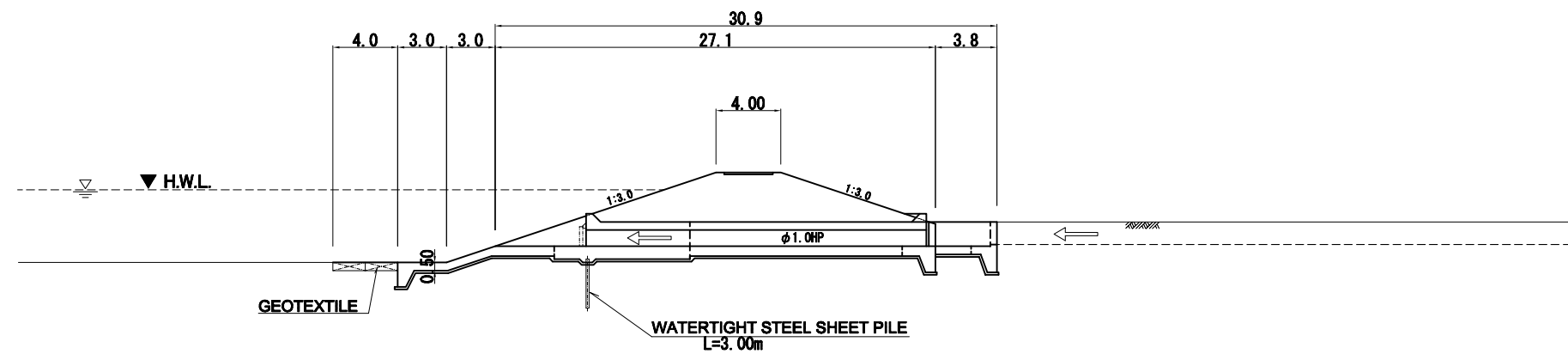
## HP $\phi$ 1000 SLUICEWAY



**TYPICAL CROSS SECTION**  
S=1/200



**LONGITUDINAL SECTION**  
S=1/400



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-52

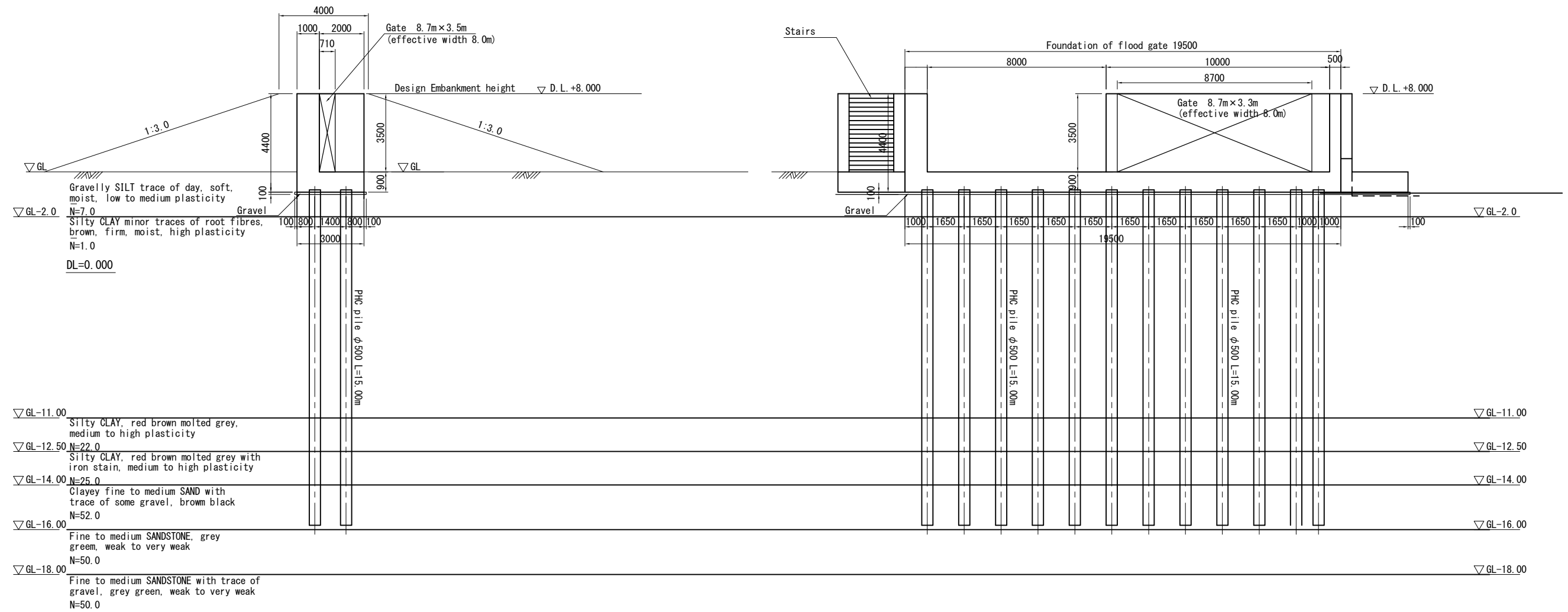
TITLE  
**GENERAL PLAN OF SLUICEWAYS  
FOR DRAINAGE OF SURROUNDING  
DIKE FOR NADI TOWN**

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 400, 200
DATE SURVEYED:	DATE PLOTTED :		DWG No.	SD-09
SDRMAP REF:	CAD REF :		APPROVED :	
Field Book No:	REF	BY	DATE	
CHECKED:	THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS			
	ACAD CROSS SECTION			

# Flood Wall Gate (1)      S=1:200

**Section View**

**Front View**



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

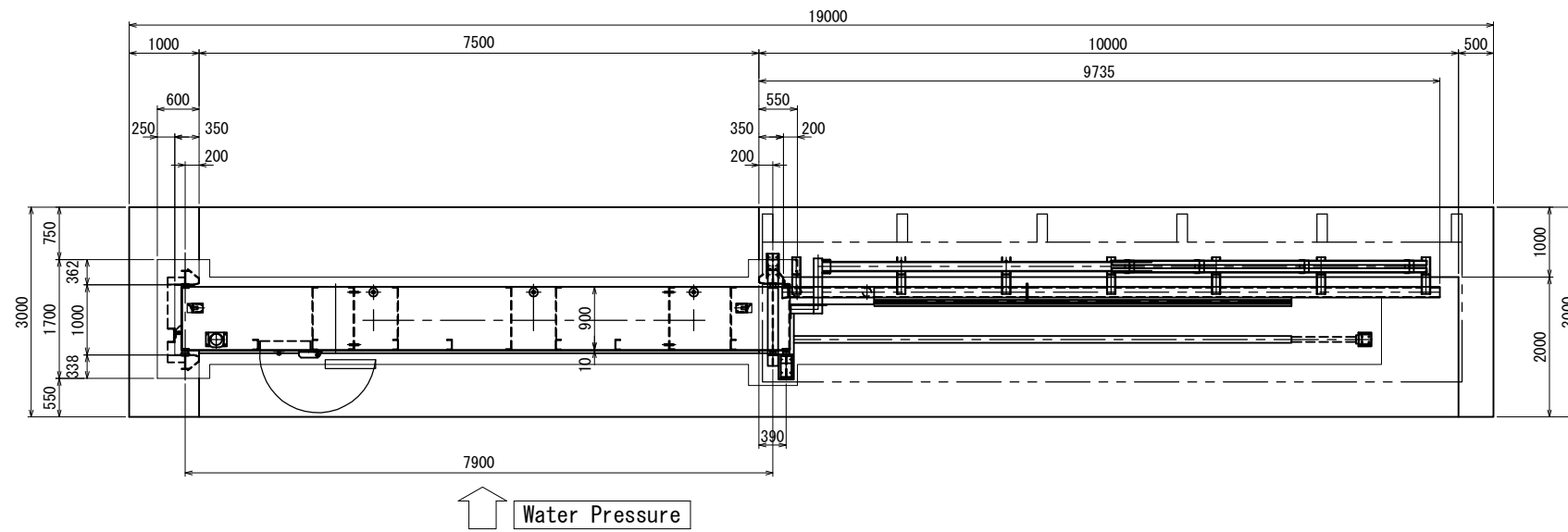
A8-53

TITLE  
 FLOOD WALL GATE (1)

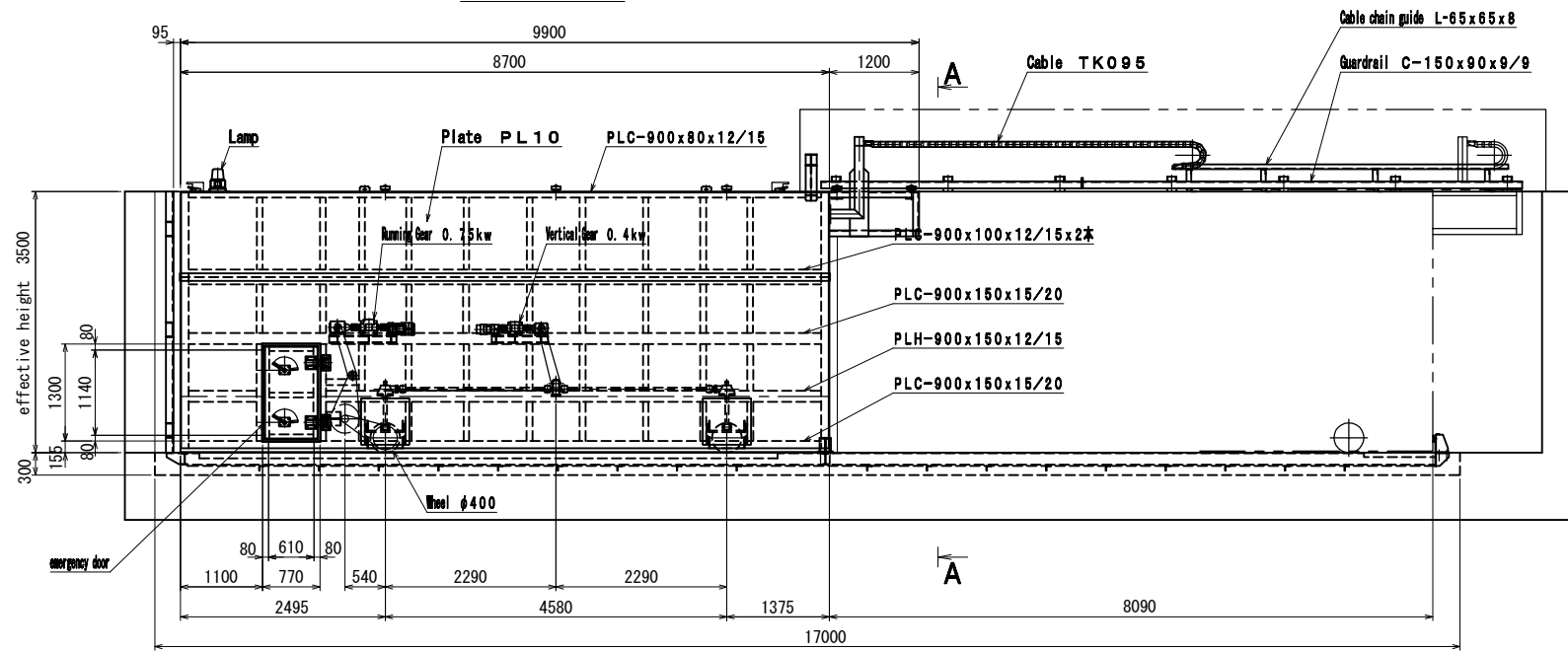
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DATE SURVEYED:	DATE PLOTTED :		DWG No.	SD-10
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :		THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	
CHECKED:	REF	BY	DATE	

# Flood Wall Gate (2)

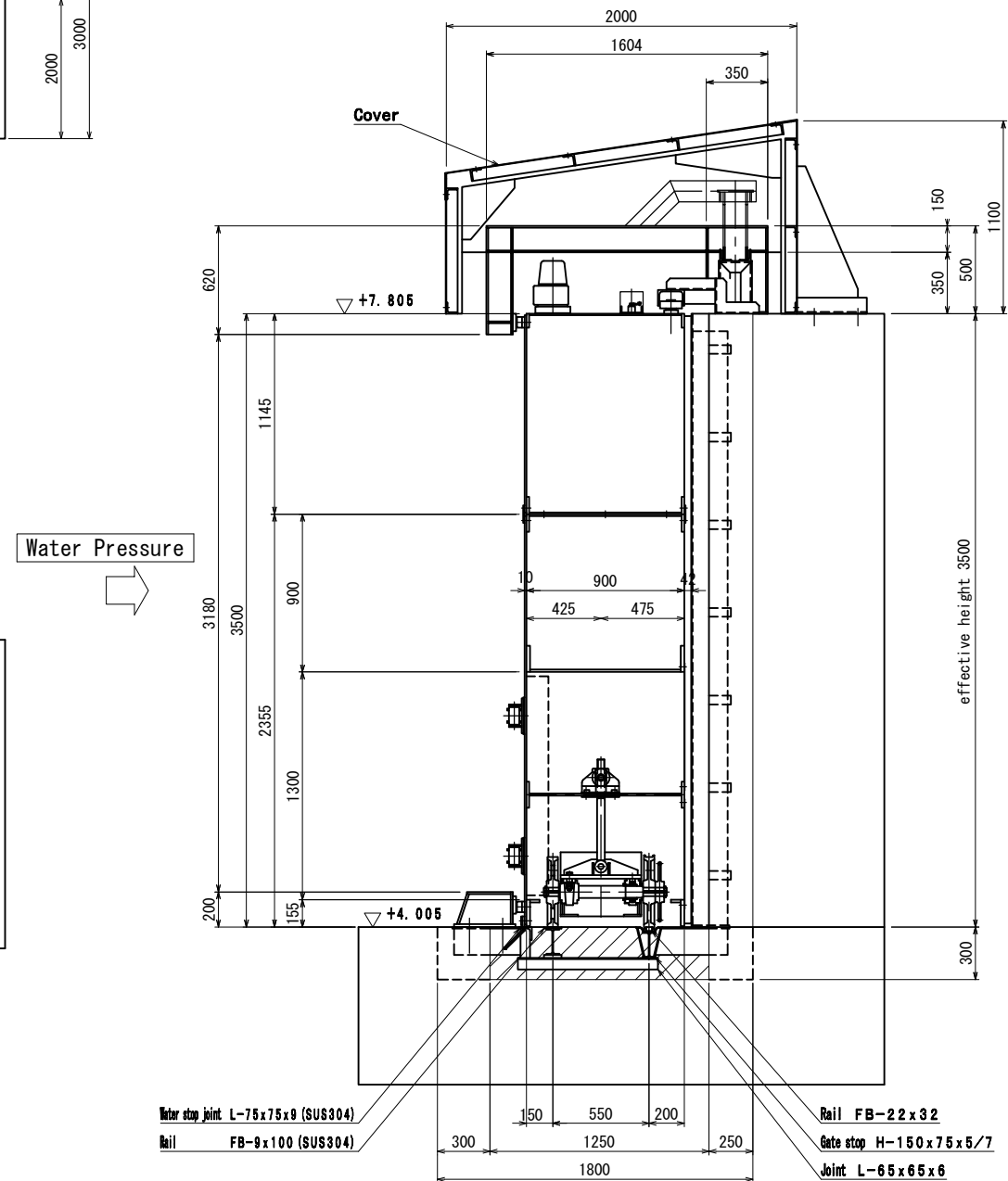
**Plan** s=1/100



**Front View** s=1/100



**Section A** s=1/40



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-54

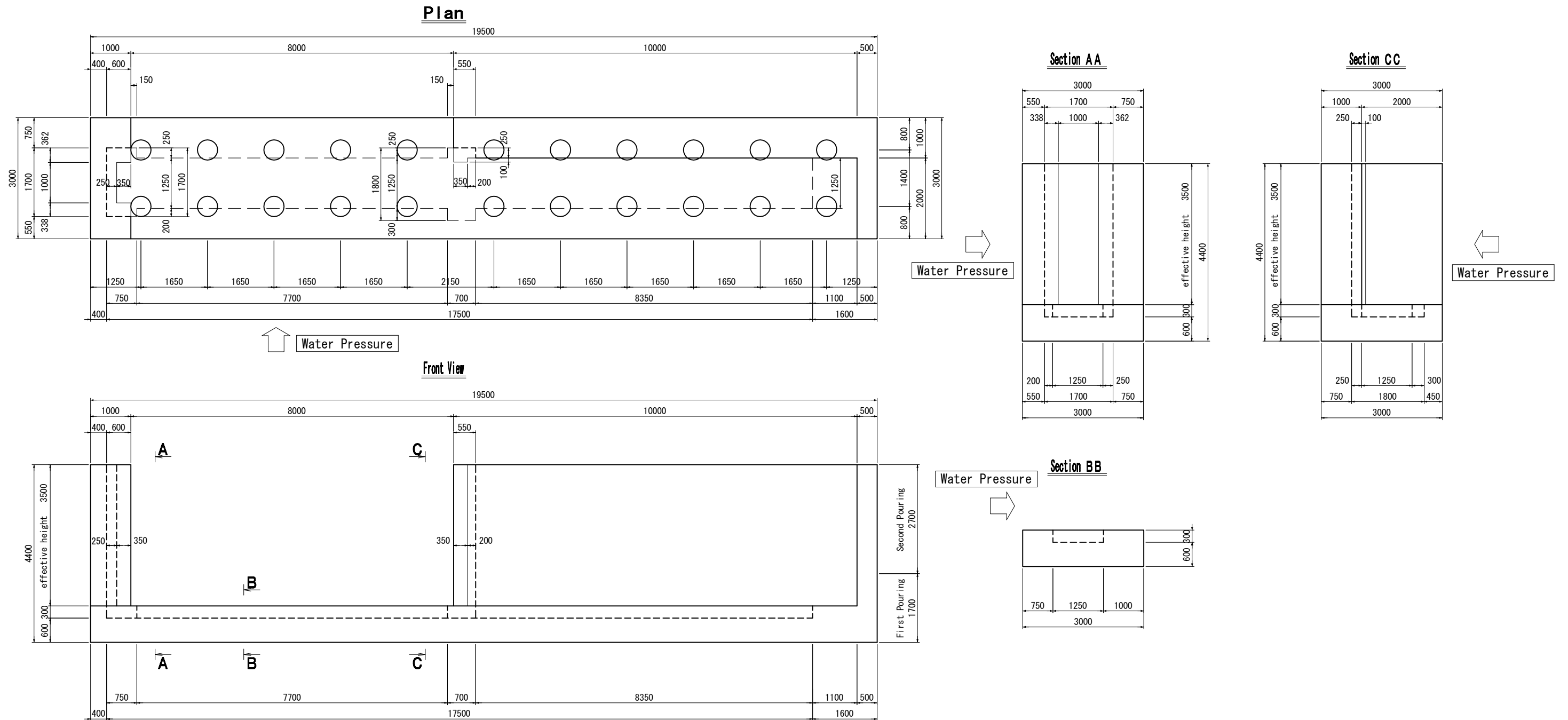
TITLE

FLOOD WALL GATE (2)

SURVEYED BY:	DRAWN BY :	JBW	SCALE	S : 100, 40
DATE SURVEYED:	DATE PLOTTED :		DWG No.	SD-11
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :			
CHECKED:	REF	BY	DATE	
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# FLOOD WALL GATE (3)

S=1:100 u:mm



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-55

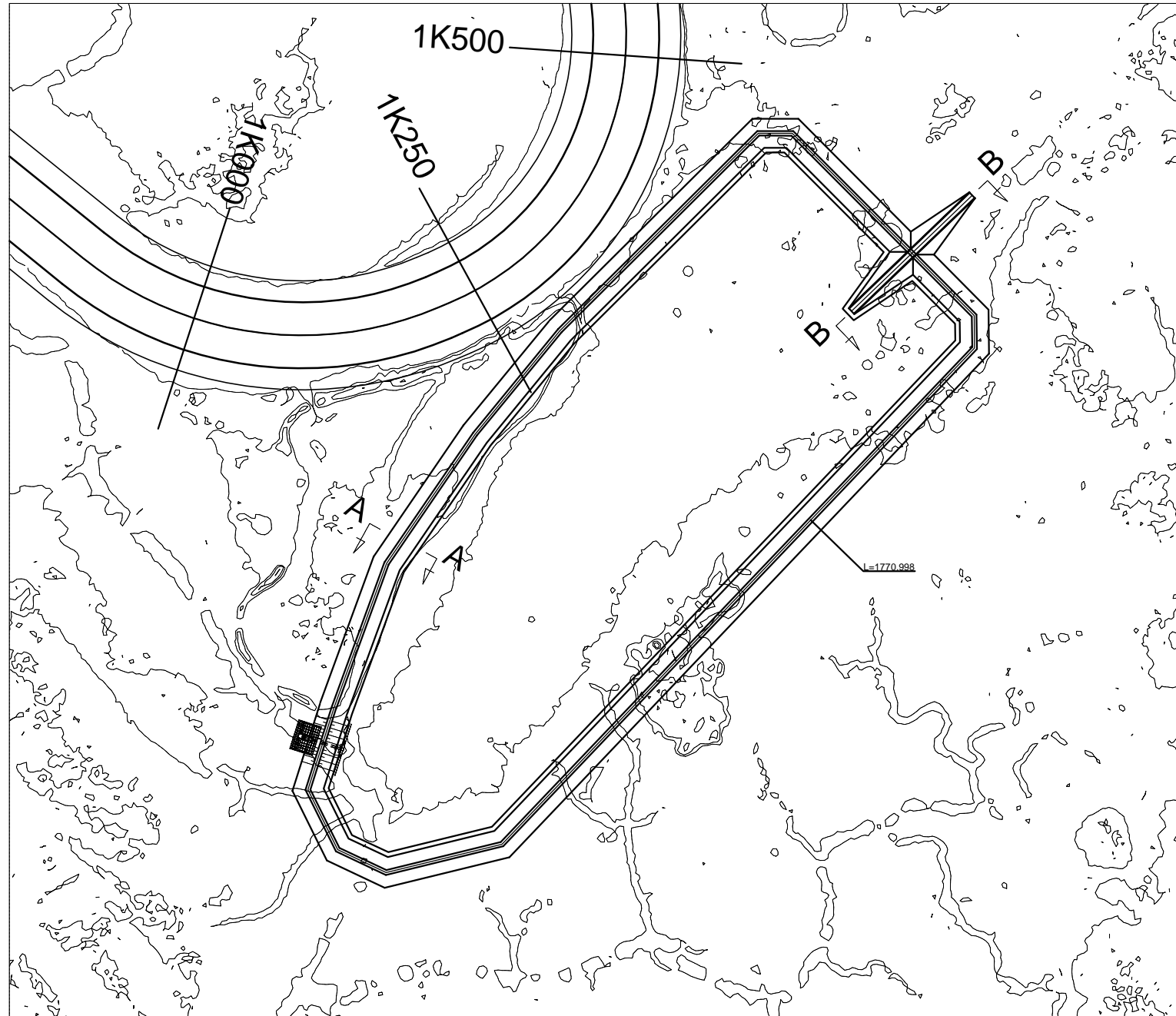
TITLE  
 FLOOD WALL GATE (3)

SURVEYED BY:		DRAWN BY :	JBW		SCALE	S : 100
DATE SURVEYED:		DATE PLOTTED :			DWG No.	SD-12
SDRMAP REF:		CAD REF :			CHECKED:	
Field Book No:		APPROVED :			REF	BY
					DATE	

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ACAD  
 CROSS SECTION





PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-56

TITLE  
 PLAN VIEW OF RING DIKE

SURVEYED BY:		DRAWN BY :	JBW		
DATE SURVEYED:		DATE PLOTTED :			
SDRMAP REF:		CAD REF :			
Field Book No:		APPROVED :			
CHECKED:		REF	BY	DATE	

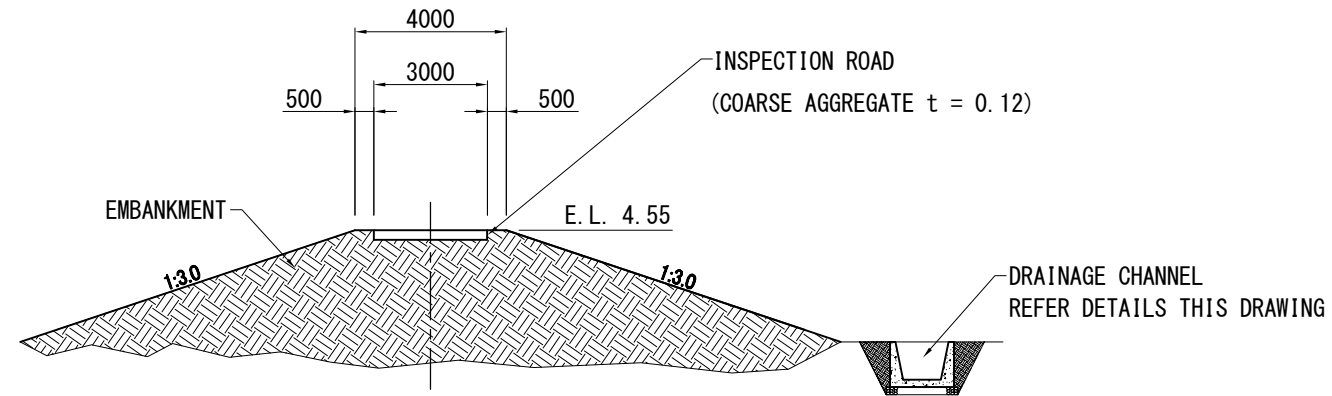
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SCALE 1 : 5,000

DWG No. RD-01

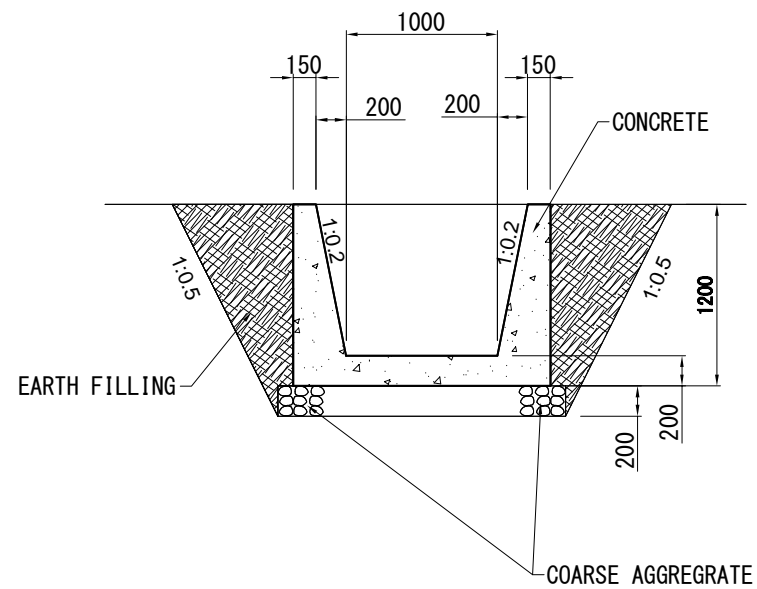
ACAD  
 CROSS SECTION

# Typical Cross Section Section A-A



**EMBANKMENT ARRANGEMENT DETAILS**

1 : 200



**DRAINAGE CHANNEL DETAILS**

1 : 50

PROPOSED STRUCTURE FOR PRIORITY PROJECT

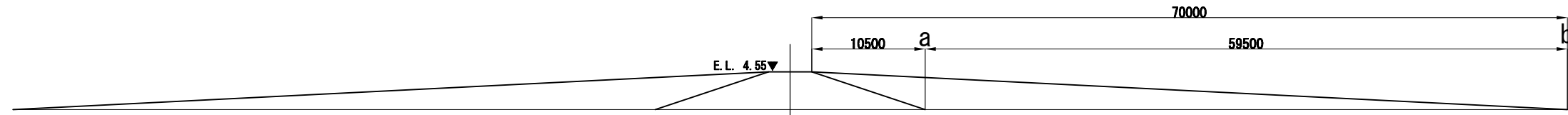
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-57

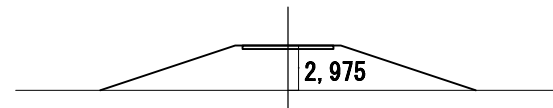
TITLE  
TYPICAL CROSS SECTION OF  
RING DIKE

SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 200, 50
DATE SURVEYED:		DATE PLOTTED :				DWG No.	RD-02
SDRMAP REF:		CAD REF :				ACAD	
Field Book No:		APPROVED :				CROSS SECTION	
CHECKED:		REF	BY	DATE			
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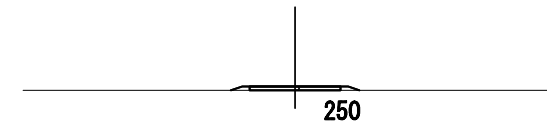
# Access Road Section B-B Longitudinal Profile



Section a-a



Section b-b



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-58

TITLE  
GENERAL PLAN OF ACCESS ROAD OF  
RING DIKE

SURVEYED BY:		DRAWN BY :	JBW		
DATE SURVEYED:		DATE PLOTTED :			
SDRMAP REF:		CAD REF :			
Field Book No:		APPROVED :			
CHECKED:		REF	BY	DATE	

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WITHOUT THE WRITTEN PERMISSION OF CADASTRALS

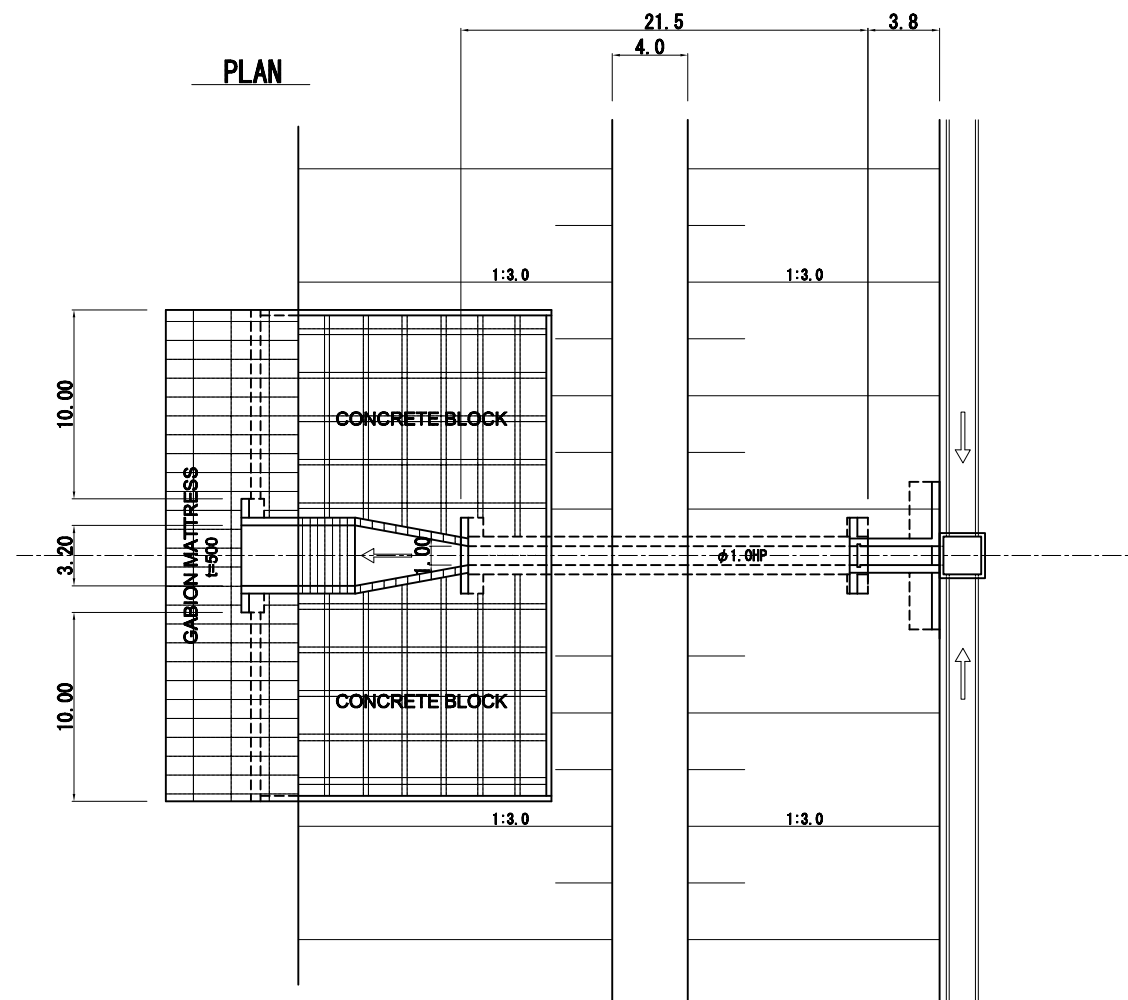
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DWG No. RD-03

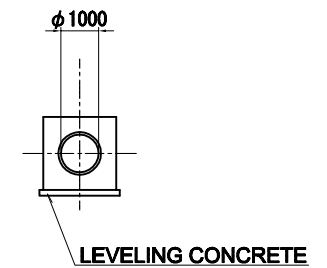
ACAD  
CROSS SECTION

# GENERAL PLAN OF SLUICEWAYS of Ring Dike

## HP $\phi$ 1000 SLUICEWAY

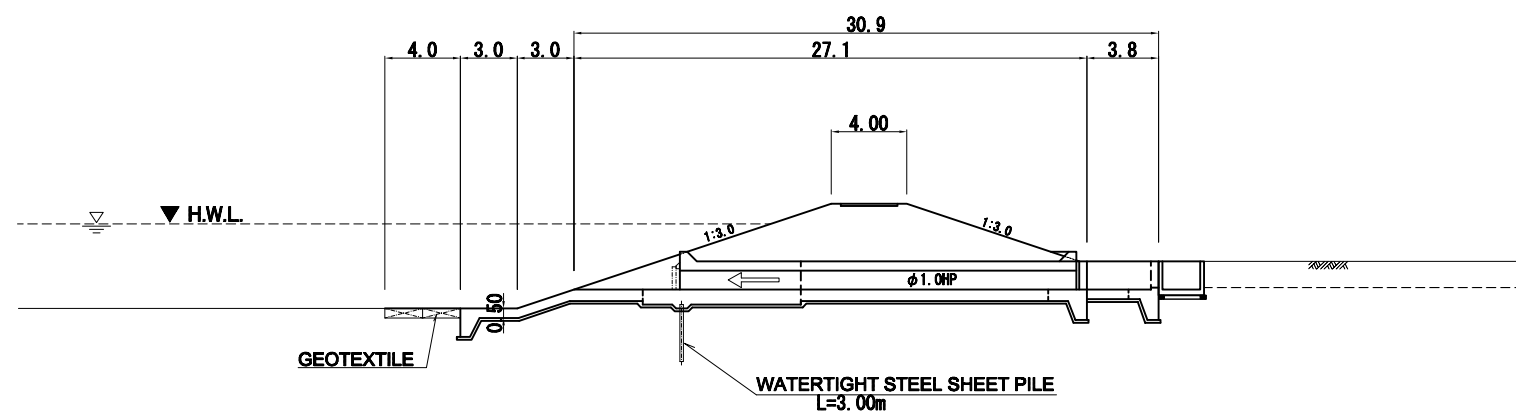


TYPICAL CROSS SECTION  
S=1/200



LONGITUDINAL SECTION

S=1/400



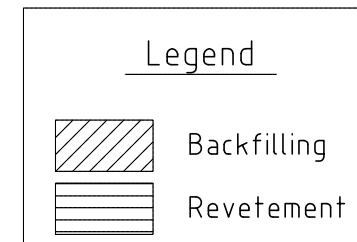
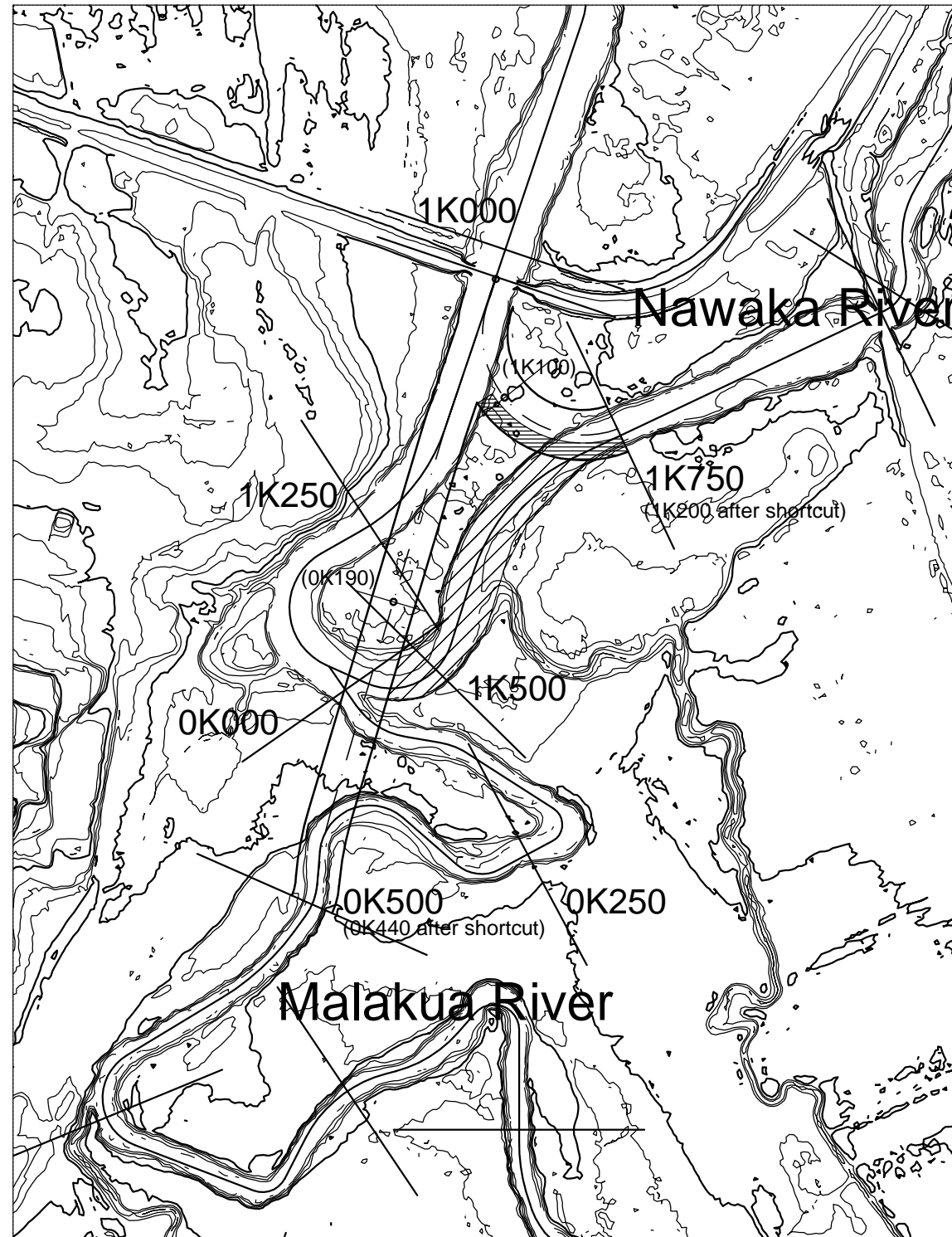
PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-59

TITLE  
GENERAL PLAN OF SLUICEWAYS OF  
RING DIKE

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 400
DATE SURVEYED:	DATE PLOTTED :		DWG No.	RD-04
SDRMAP REF:	CAD REF :		CHECKED:	REF BY DATE
Field Book No:	APPROVED :		ACAD	
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				CROSS SECTION



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-60

TITLE PLAN VIEW OF  
 SHORTCUTS OF TRIBUTARIES

SURVEYED BY:	DRAWN BY :	JBW			
DATE SURVEYED:	DATE PLOTTED :				
SDRMAP REF:	CAD REF :				
Field Book No:	APPROVED :				
CHECKED:		REF	BY	DATE	

SCALE 1 : 5,000

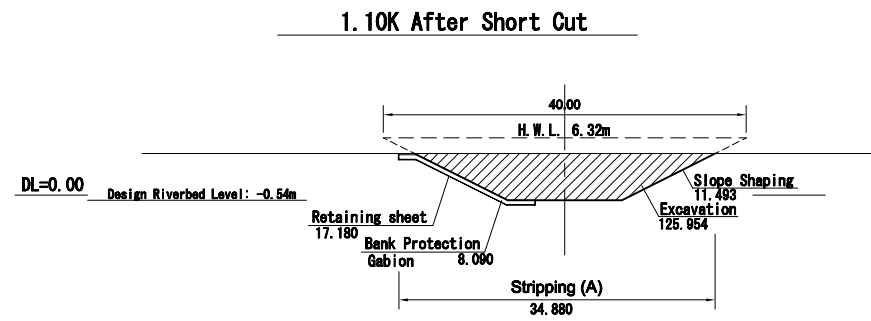
DWG No. ST-01

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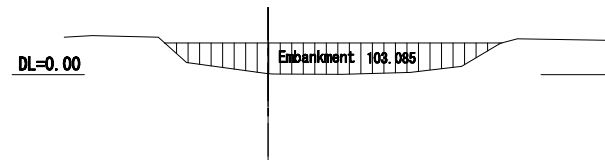
ACAD  
 CROSS SECTION

# Typical Cross Section

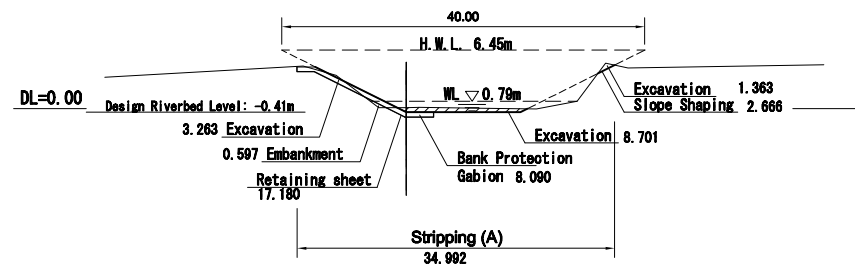
## Nawaka River Short Cut Section



**1.50K**

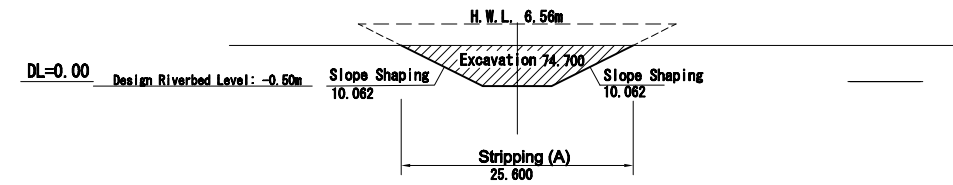


**1.75K (= 1.20K After Short Cut)**

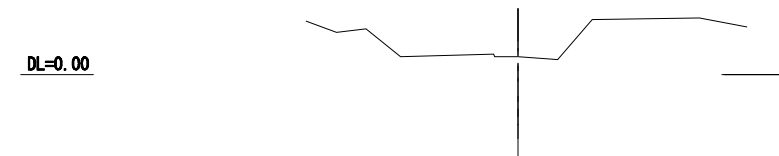


## Malakua River Short Cut Section

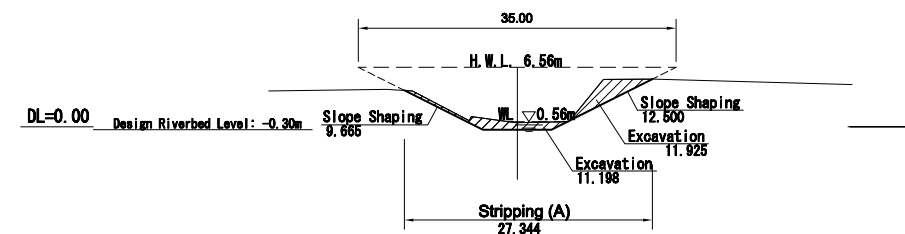
**0.19K After Short Cut**



**0.25K**



**0.50K (= 0.44K After Short Cut)**



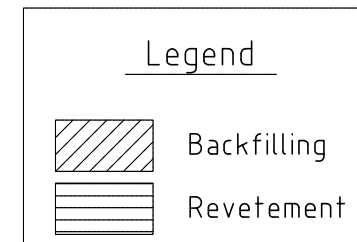
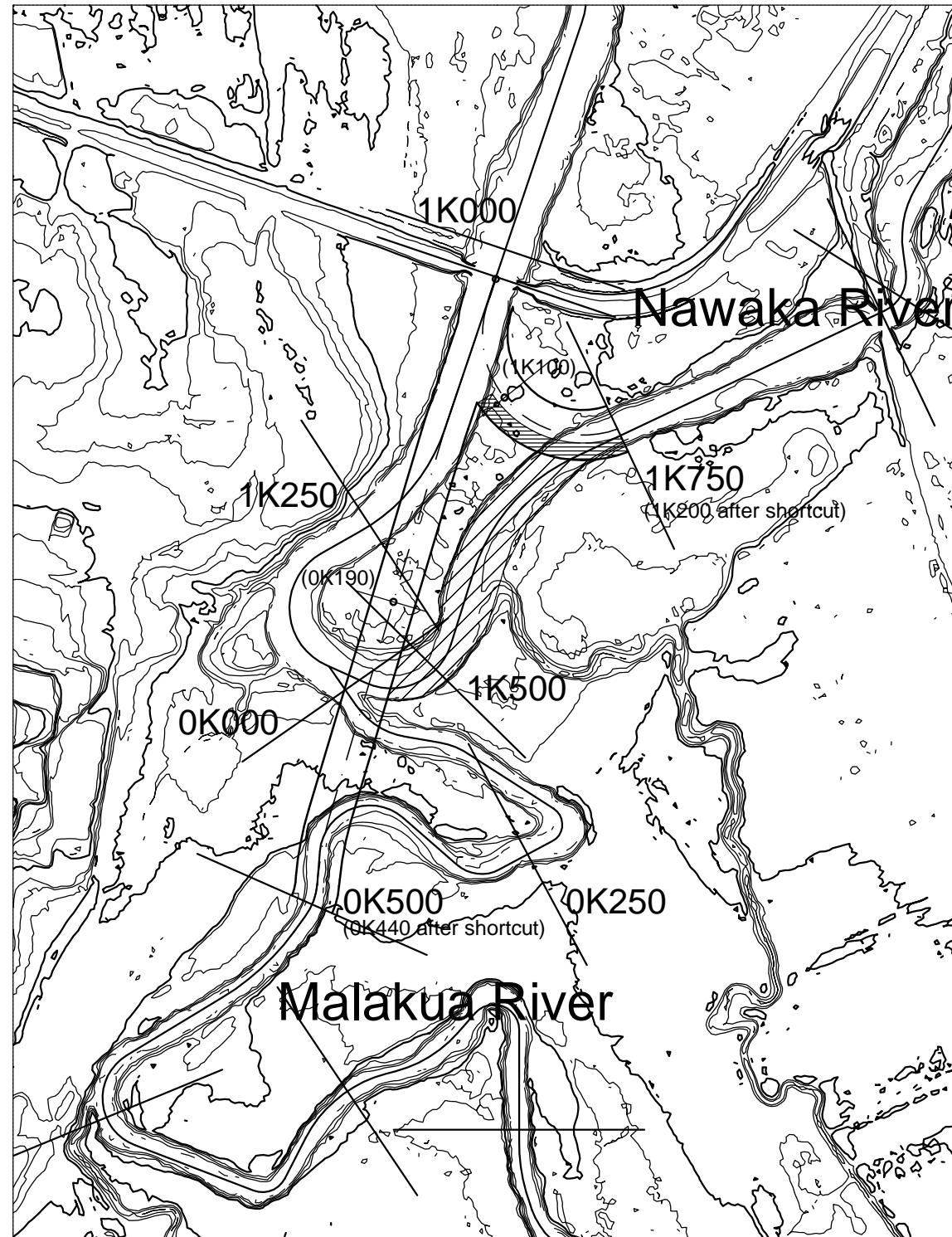
PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-61

TITLE  
TYPICAL CROSS SECTION OF  
SHORTCUTS OF TRIBUTARIES

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	ST-02
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :			
CHECKED:	REF	BY	DATE	
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PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
 ( THE PROJECT FOR THE PLANNING OF  
 THE NAPI RIVER FLOOD CONTROL  
 STRUCTURES IN REPUBLIC OF FUJI )

A8-60

TITLE PLAN VIEW OF  
 SHORTCUTS OF TRIBUTARIES

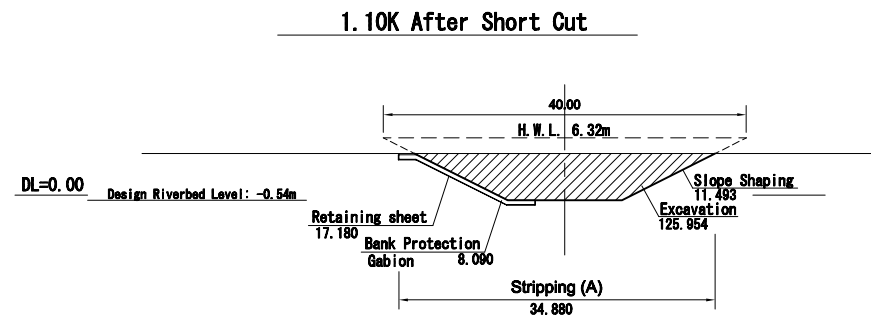
SURVEYED BY:		DRAWN BY :	JBW			SCALE	1 : 5,000
DATE SURVEYED:		DATE PLOTTED :				DWG No.	ST-01
SDRMAP REF:		CAD REF :					
Field Book No:		APPROVED :					
CHECKED:			REF	BY	DATE		

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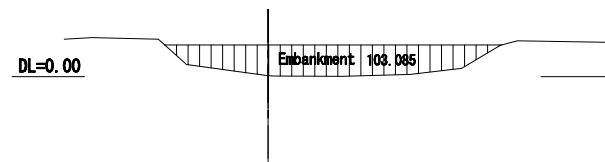
ACAD  
 CROSS SECTION

# Typical Cross Section

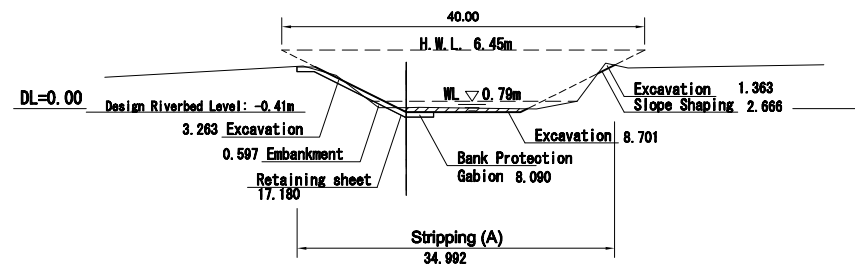
## Nawaka River Short Cut Section



**1.50K**

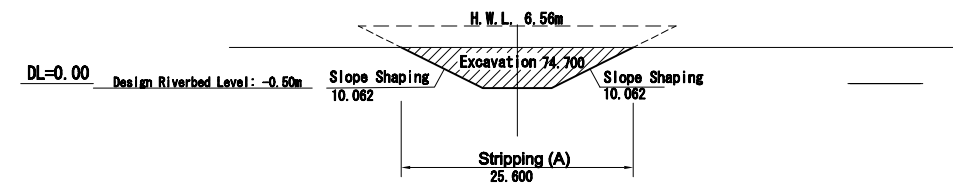


**1.75K (= 1.20K After Short Cut)**

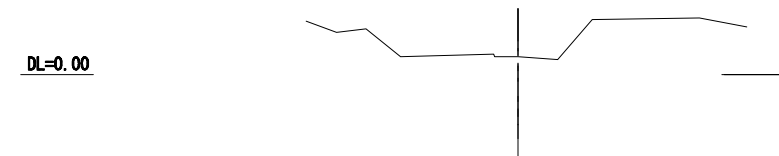


## Malakua River Short Cut Section

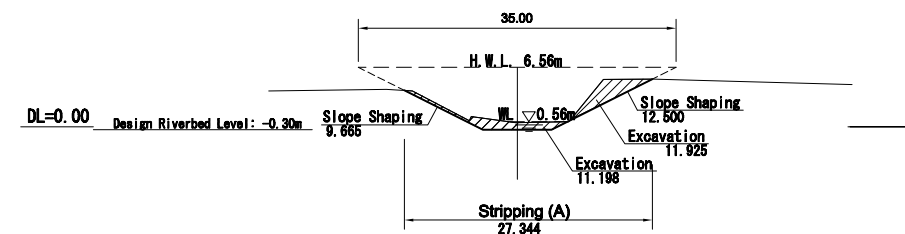
**0.19K After Short Cut**



**0.25K**



**0.50K (= 0.44K After Short Cut)**



PROPOSED STRUCTURE FOR PRIORITY PROJECT

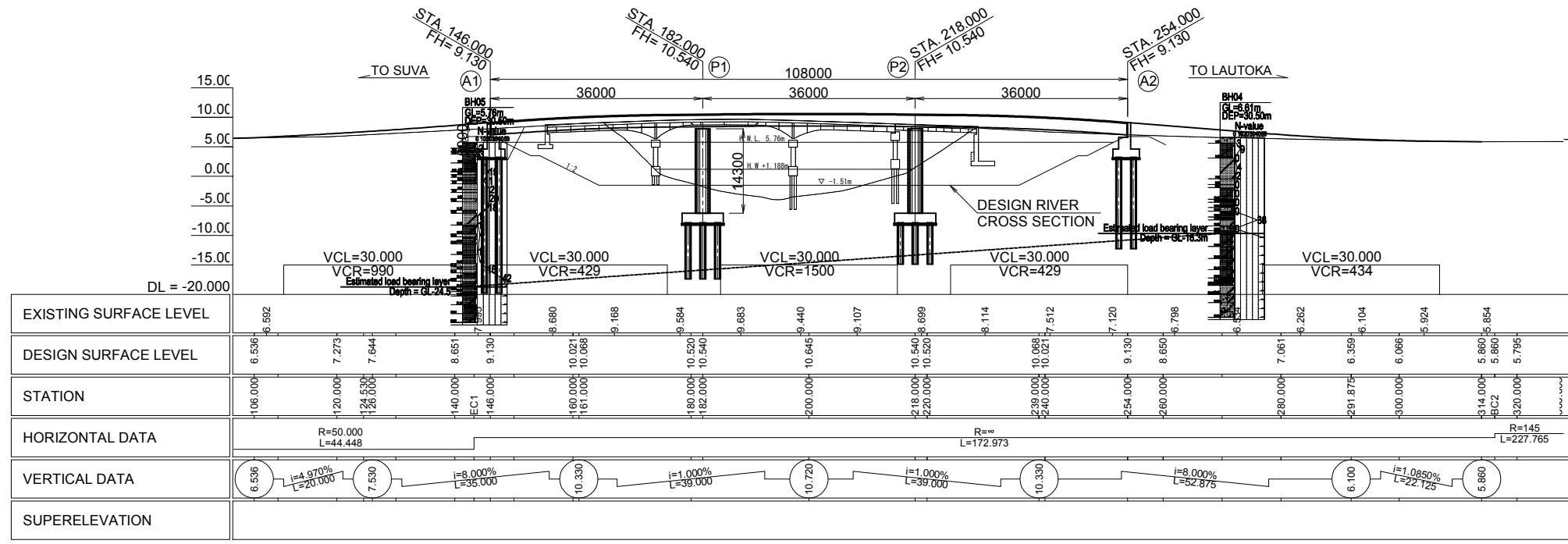
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-61

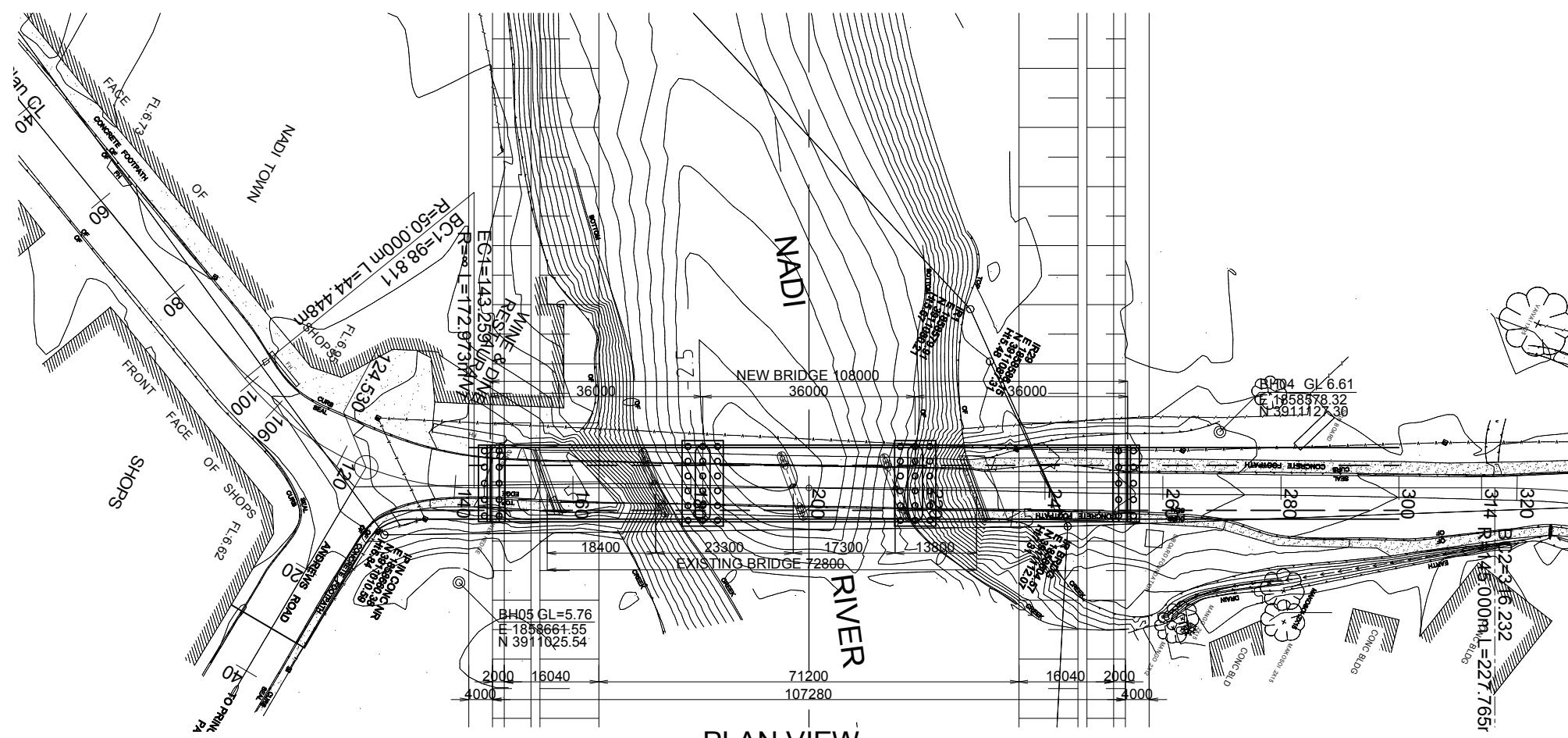
TITLE  
TYPICAL CROSS SECTION OF  
SHORTCUTS OF TRIBUTARIES

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1 : 1,000
DATE SURVEYED:	DATE PLOTTED :		DWG No.	ST-02
SDRMAP REF:	CAD REF :		ACAD	CROSS SECTION
Field Book No:	APPROVED :		THIS DRAWING AND DESIGN REMAIN THE PROPERTY OF, AND MAY NOT BE REPRODUCED, WITHOUT THE WRITTEN PERMISSION OF CADASTRALS	
CHECKED:	REF	BY	DATE	

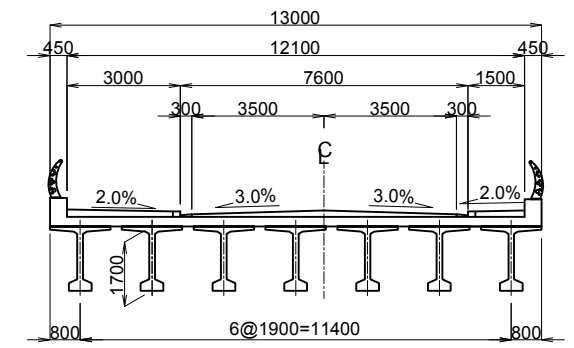




SIDE VIEW SCALE 1:1000

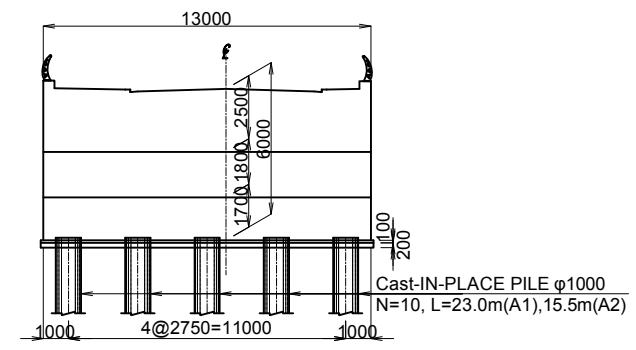


PLAN VIEW SCALE 1:1000

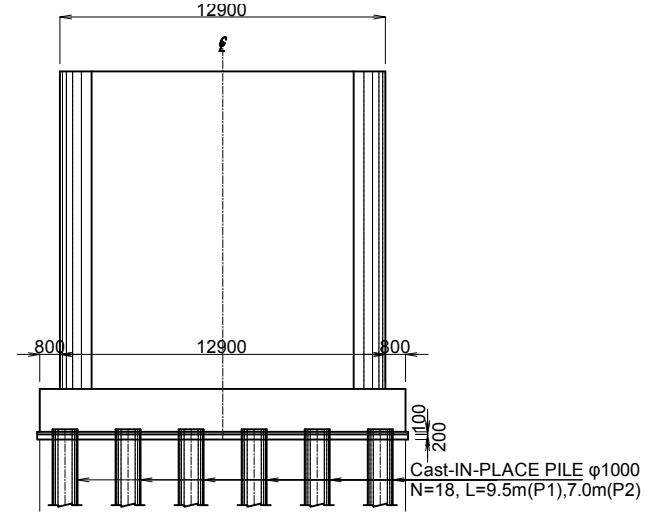


SECTIONAL VIEW SCALE 1:200

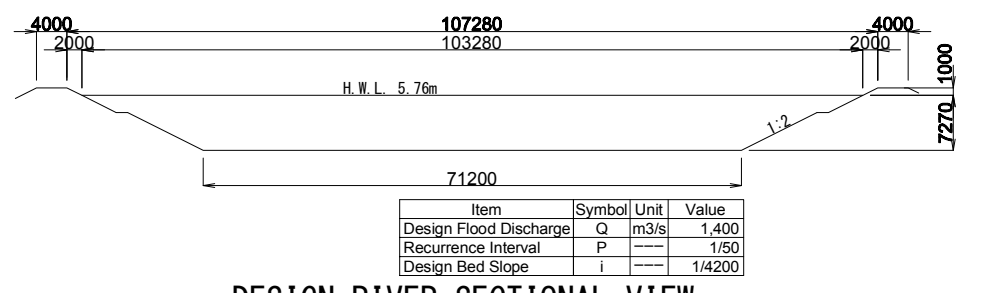
ABUTMENT



PIER



FRONT VIEW OF SUBSTRUCTURES SCALE 1:300



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

PROPOSED STRUCTURE FOR PRIORITY PROJECT

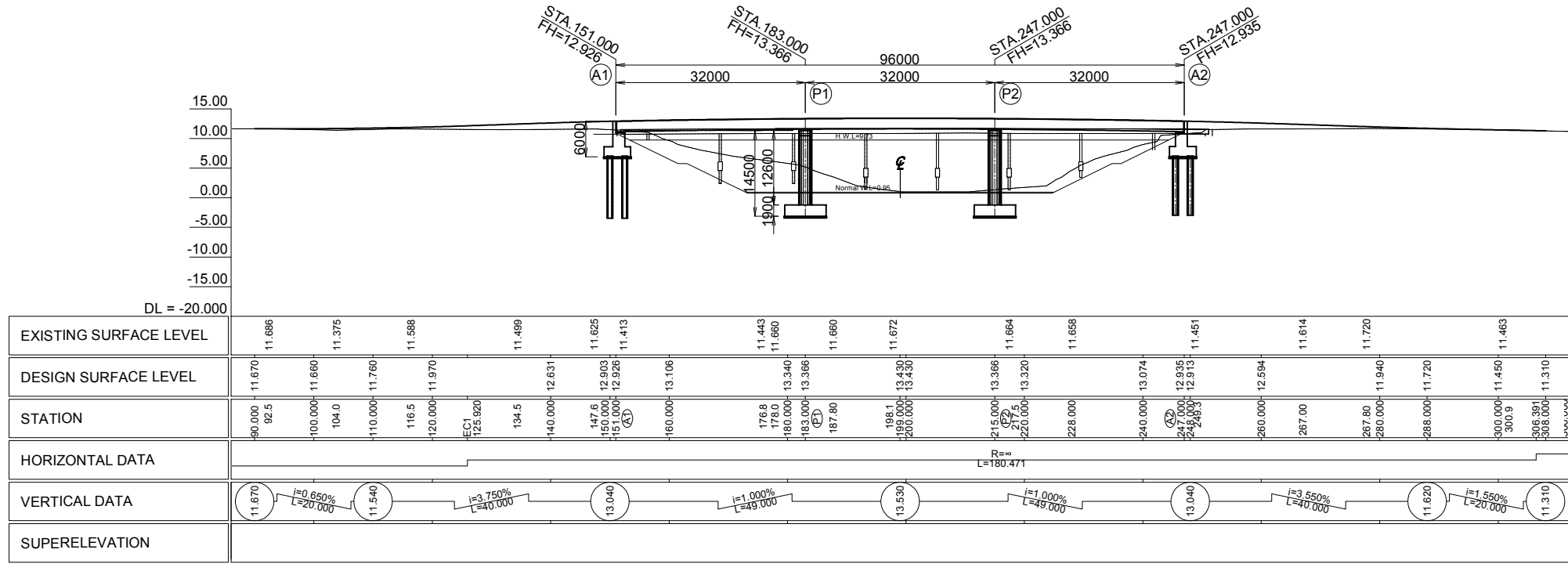
CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

TITLE GENERAL VIEW OF NADI TOWN BRIDGE

SURVEYED BY: DATE SURVEYED: SDRMAP REF: Field Book No: CHECKED: REF BY DATE

DRAWN BY: JBW DATE PLOTTED: CAD REF: APPROVED:

SCALE 1:1000, 300, 200  
DWG No. B-01  
ACAD CROSS SECTION

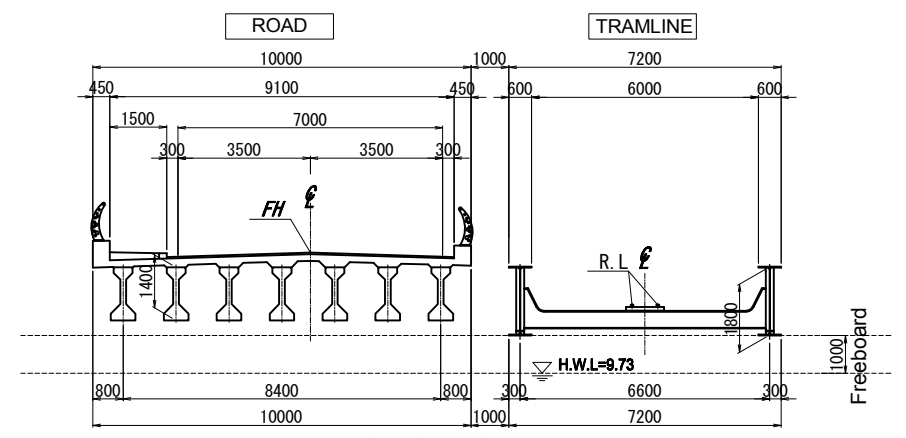


EXISTING SURFACE LEVEL	DESIGN SURFACE LEVEL	STATION	HORIZONTAL DATA	VERTICAL DATA	SUPERELEVATION
11.686	11.670	90.000		$i=0.650\%$ $L=20.000$	
11.375	11.660	92.5			
11.588	11.760	100.000		$i=3.750\%$ $L=40.000$	
11.489	11.970	104.0			
11.625	12.631	110.000			
11.413	12.903	116.5			
11.443	13.340	120.000			
11.660	13.366	125.920			
11.660	13.366	134.5			
11.672	13.430	140.000			
11.664	13.320	147.6			
11.668	13.320	150.000			
11.451	13.320	151.000			
11.614	13.320	155.000			
11.720	13.320	160.000			
11.463	13.320	167.8			
	13.320	178.0			
	13.320	180.000			
	13.320	183.000			
	13.320	187.80			
	13.320	198.1			
	13.320	199.000			
	13.320	200.000			
	13.320	215.000			
	13.320	217.5			
	13.320	220.000			
	13.320	228.000			
	13.320	240.000			
	13.320	243.000			
	13.320	244.000			
	13.320	245.000			
	13.320	249.3			
	13.320	260.000			
	13.320	267.00			
	13.320	267.80			
	13.320	280.000			
	13.320	288.000			
	13.320	300.000			
	13.320	300.9			
	13.320	306.391			
	13.320	306.000			

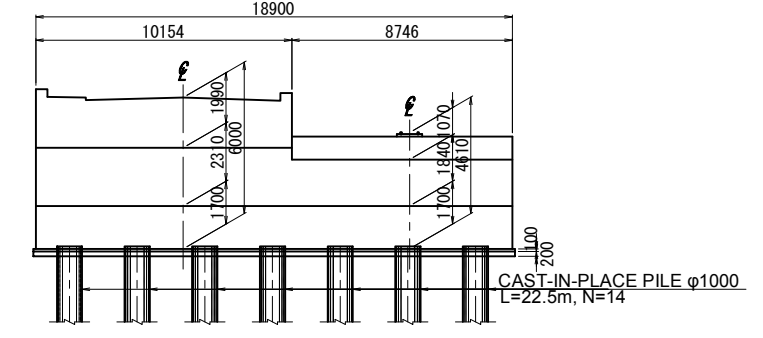
SIDE VIEW SCALE 1:1000



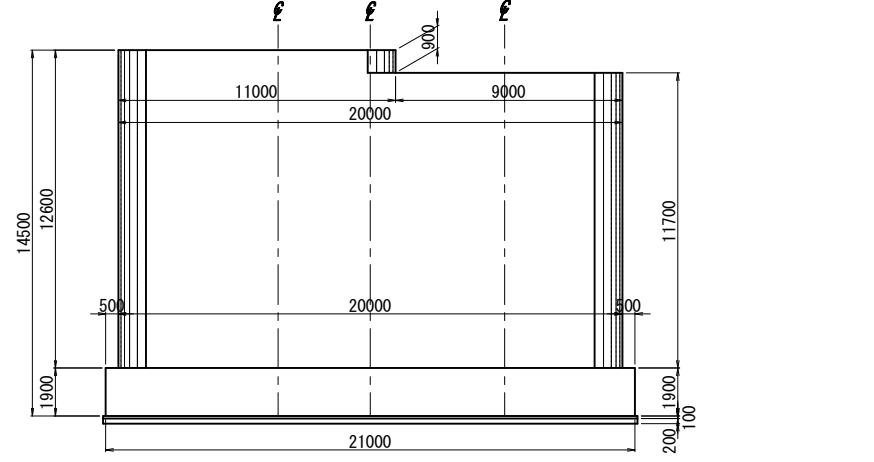
PLAN VIEW SCALE 1:1000



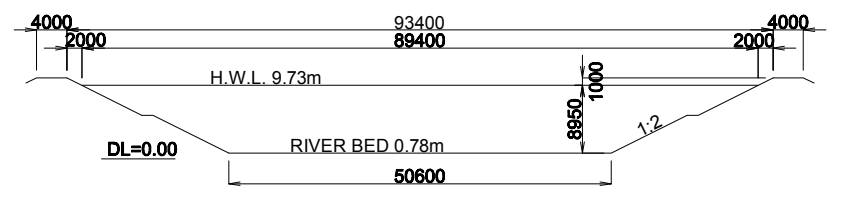
SECTIONAL VIEW SCALE 1:200  
ABUTMENT



PIER



FRONT VIEW OF SUBSTRUCTURES SCALE 1:300



DESIGN RIVER SECTIONAL VIEW SCALE 1:1000

Item	Symbol	Unit	Value
Design Flood Discharge	Q	m <sup>3</sup> /s	1,400
Recurrence Interval	P	---	1/50
Design Bed Slope	i	---	1/2600

PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

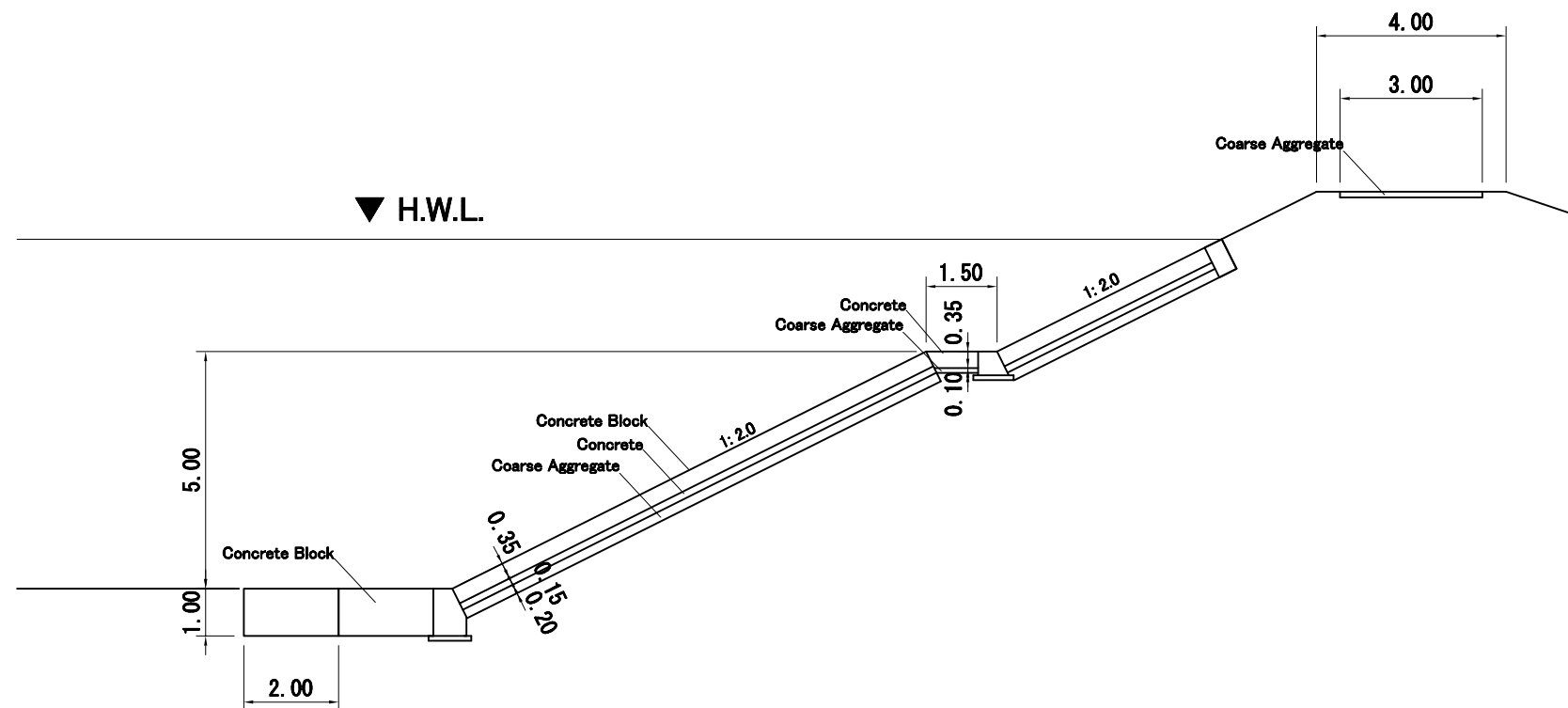
TITLE GENERAL VIEW OF  
OLD QUEENS ROAD BRIDGE (ROAD)

A8-63

SURVEYED BY:	DRAWN BY :	JBW		SCALE	1:1000, 300, 200
DATE SURVEYED:	DATE PLOTTED :			DWG No.	B-02
SDRMAP REF:	CAD REF :			ACAD	
Field Book No:	APPROVED :			CROSS SECTION	
CHECKED:	REF	BY	DATE		

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# Typical Cross Section of River Bank protection (Concrete Block )



PROPOSED STRUCTURE FOR PRIORITY PROJECT

CLIENT JICA PROJECT TEAM  
( THE PROJECT FOR THE PLANNING OF  
THE NAPI RIVER FLOOD CONTROL  
STRUCTURES IN REPUBLIC OF FUJI )

A8-64

TITLE  
TYPICAL CROSS SECTION OF  
RIVER BANK PROTECTION

SURVEYED BY:	DRAWN BY :	JBW	SCALE	1:150
DATE SURVEYED:	DATE PLOTTED :		DWG No.	B-03
SDRMAP REF:	CAD REF :		CHECKED:	
Field Book No:	APPROVED :		REF	BY
			DATE	
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