

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

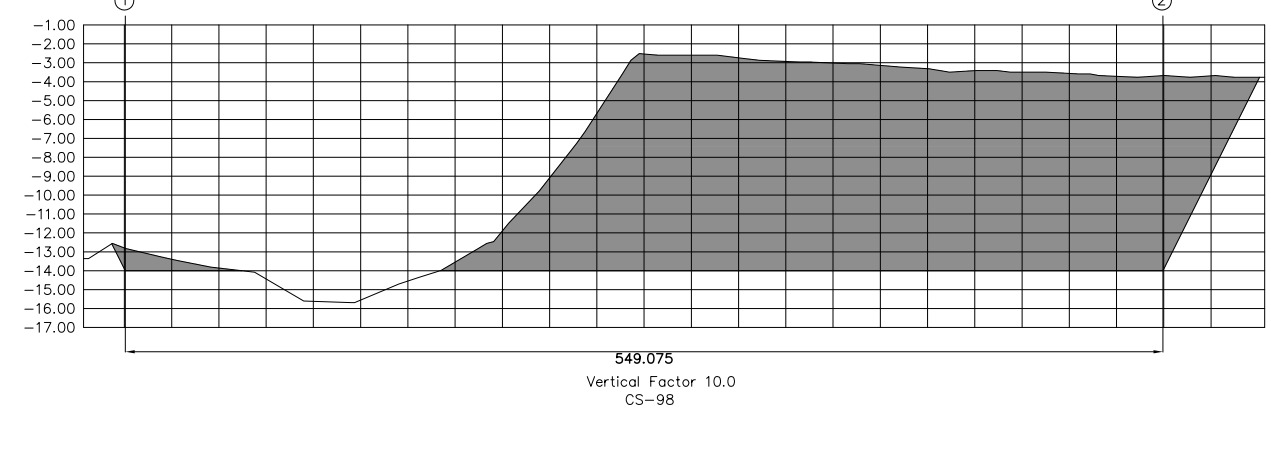
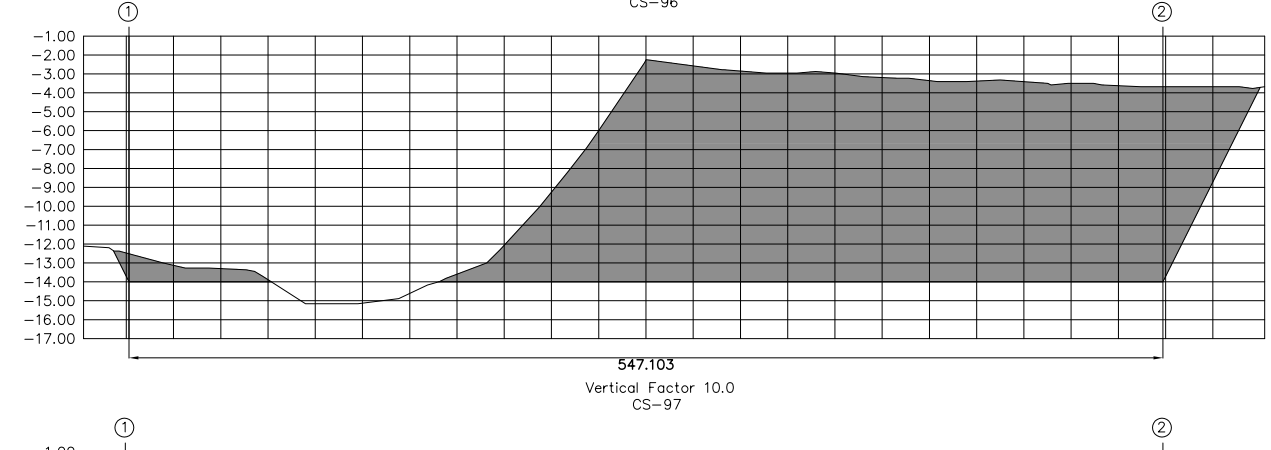
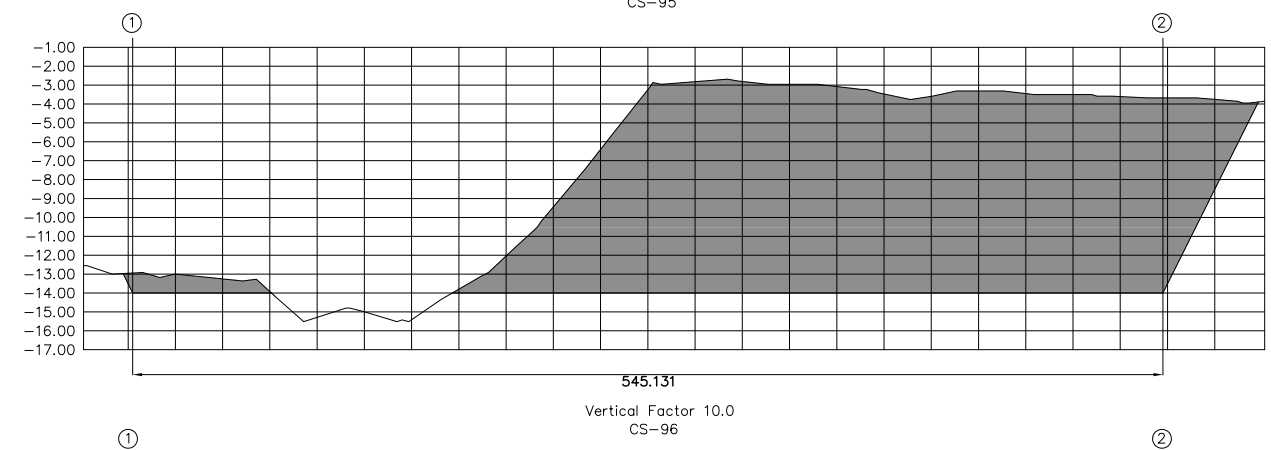
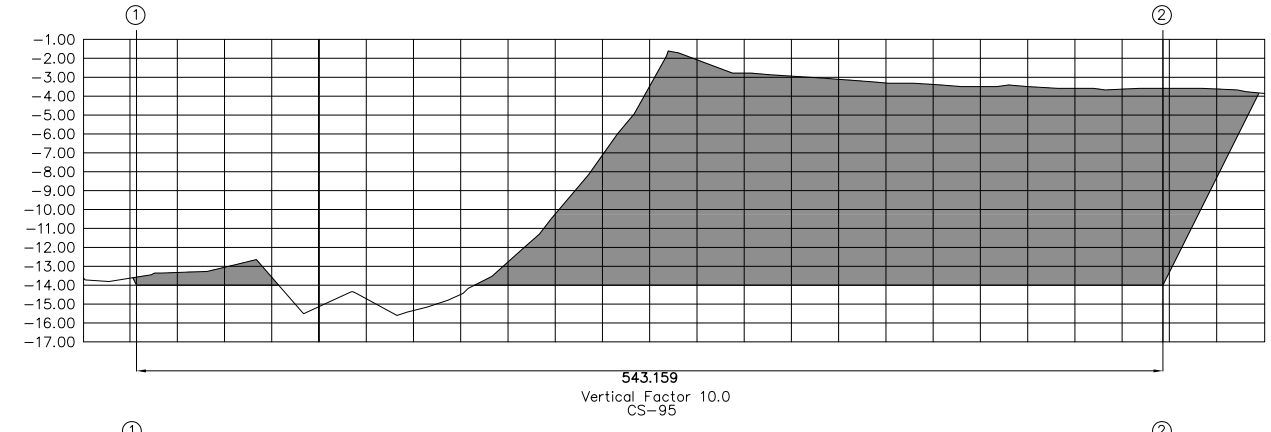
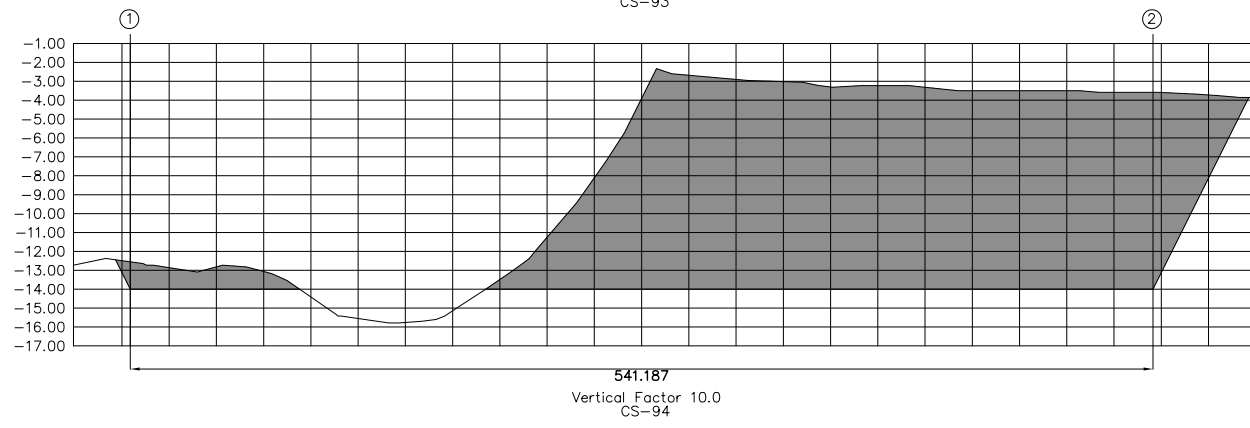
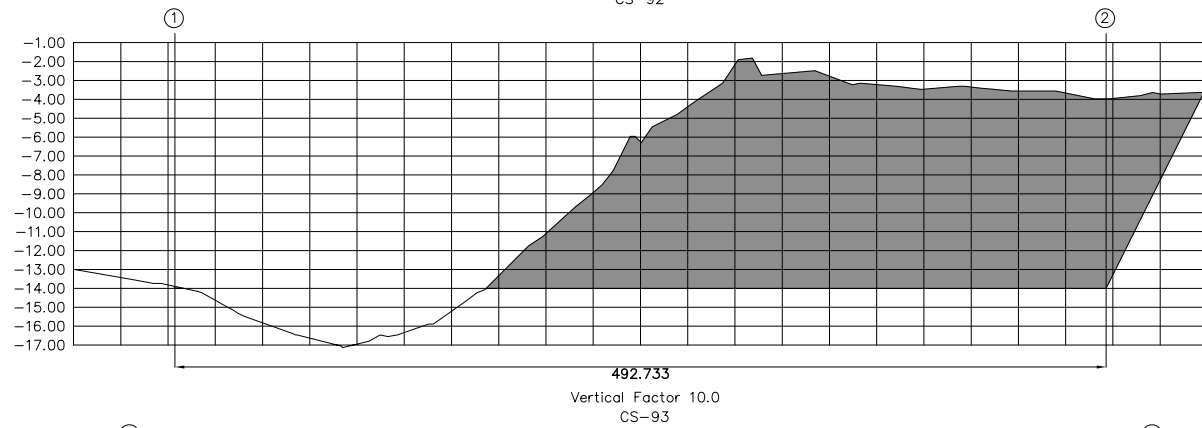
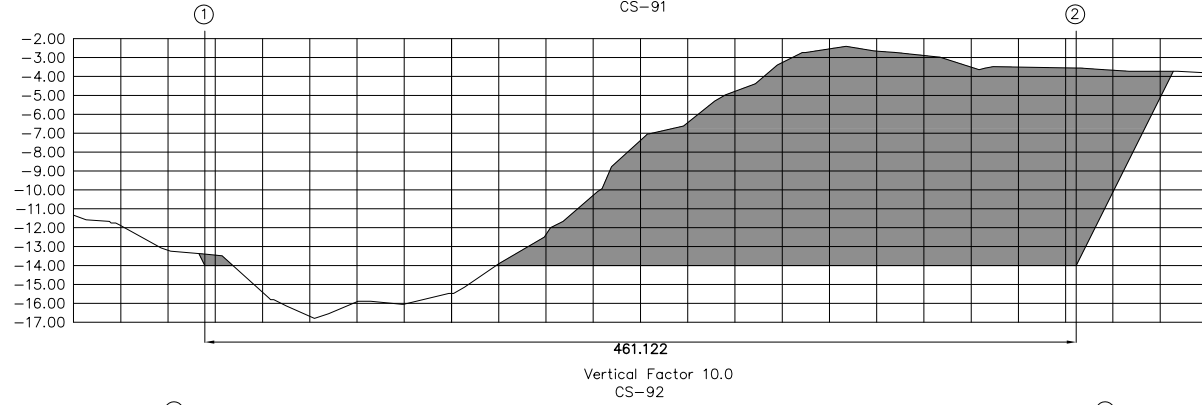
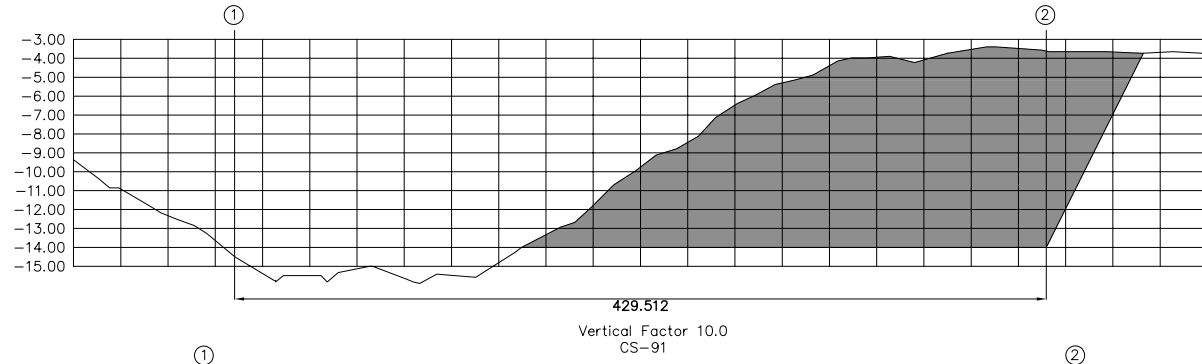
**JICA**  
JAPAN INTERNATIONAL  
COOPERATION AGENCY (JICA)  
**DIRECTORATE GENERAL OF  
SEA COMMUNICATION (DGSC)**

THE DETAILED DESIGN  
ON THE URGENT REHABILITATION PROJECT  
OF THE TANJUNG PRIOK PORT  
IN THE REPUBLIC OF INDONESIA  
**NIPPON KOEI CO., LTD.**  
**JAPAN PORT CONSULTANTS, LTD.**

PREPARED BY: *[Signature]*  
W. WIDIYANTO  
CHECKED BY: *[Signature]*  
M. IMAMURA  
APPROVED BY: *[Signature]*  
K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
SUB-SECTION : DREDGING  
TITLE : Dredging Section  
- Turning Basin (1)

DATE : MARCH 2006  
SCALE : V= 1 : 40  
H= 1 : 400  
DRAWING NO. : P-D-013



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

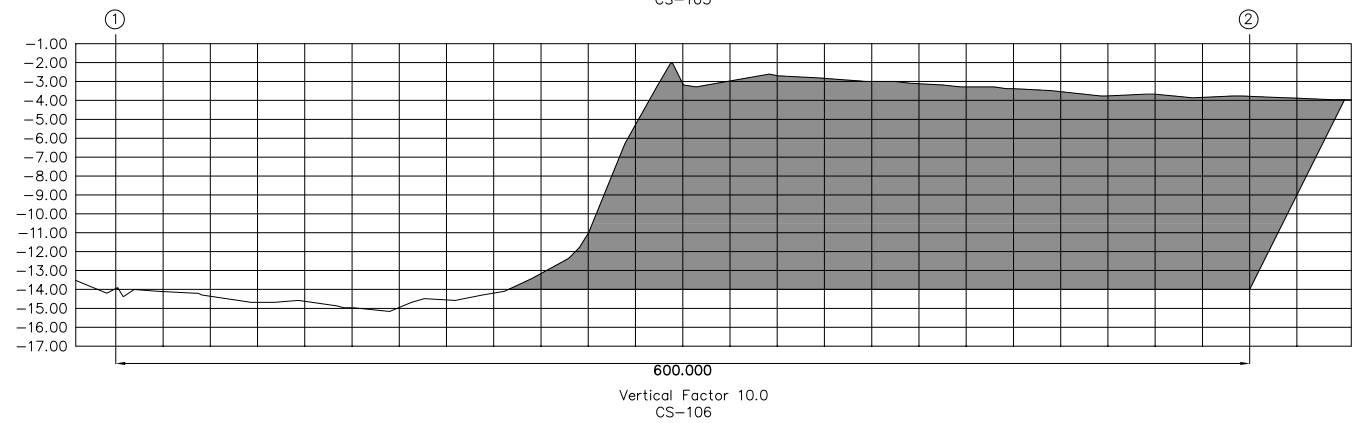
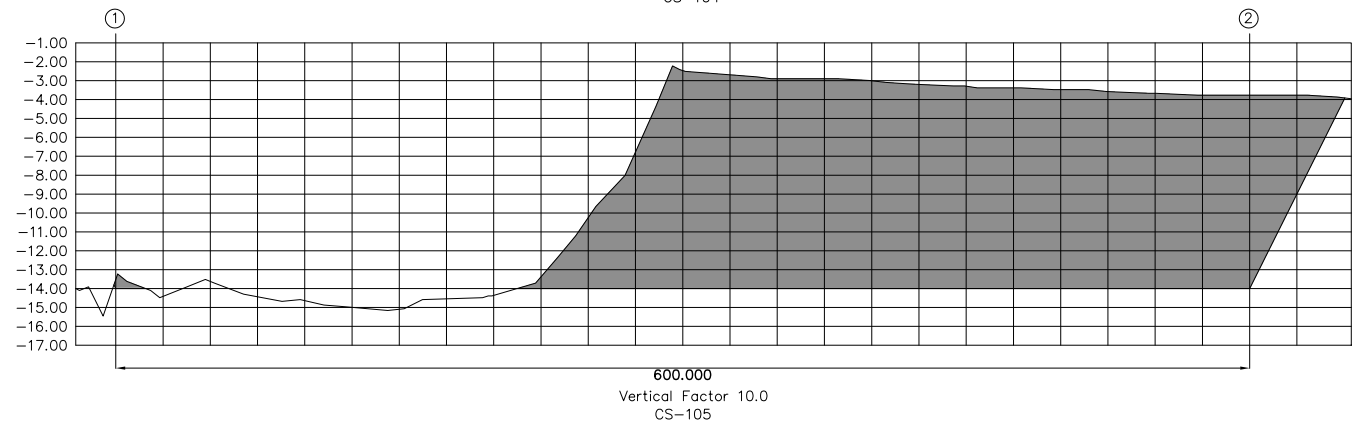
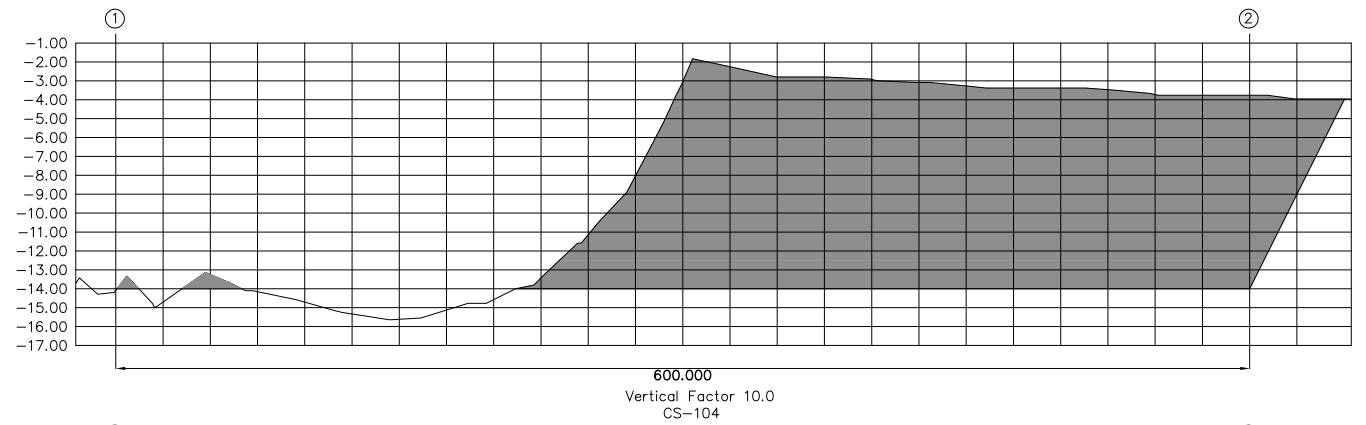
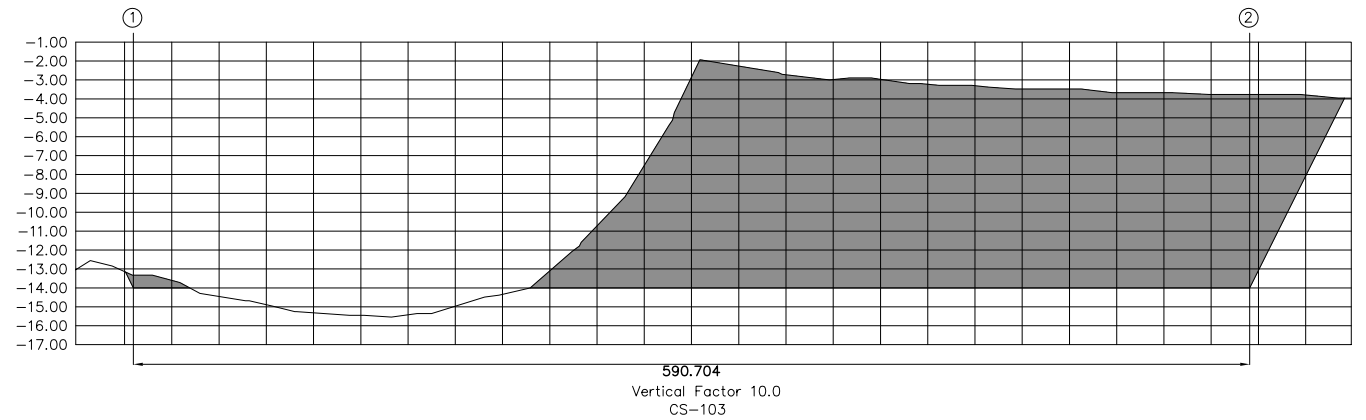
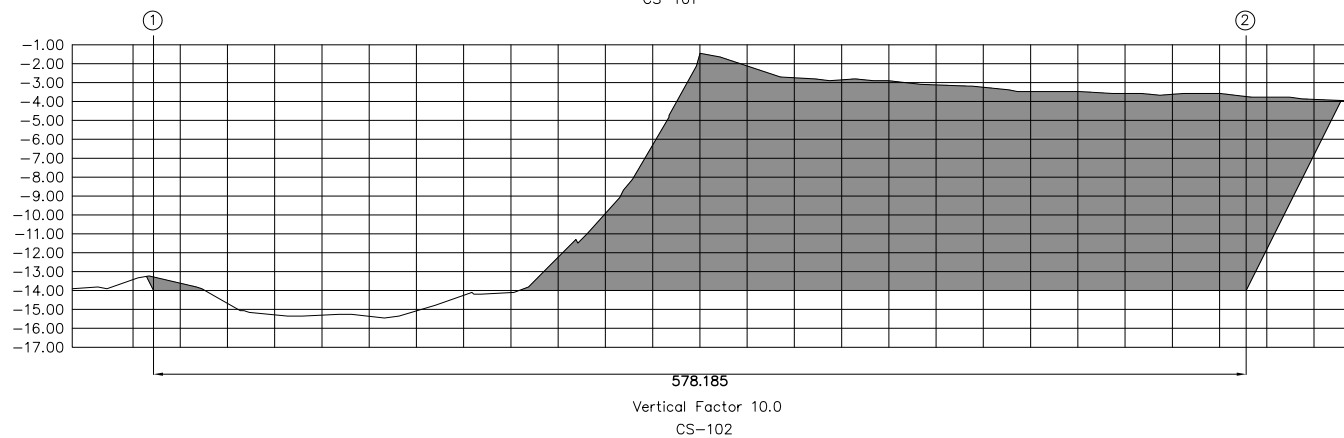
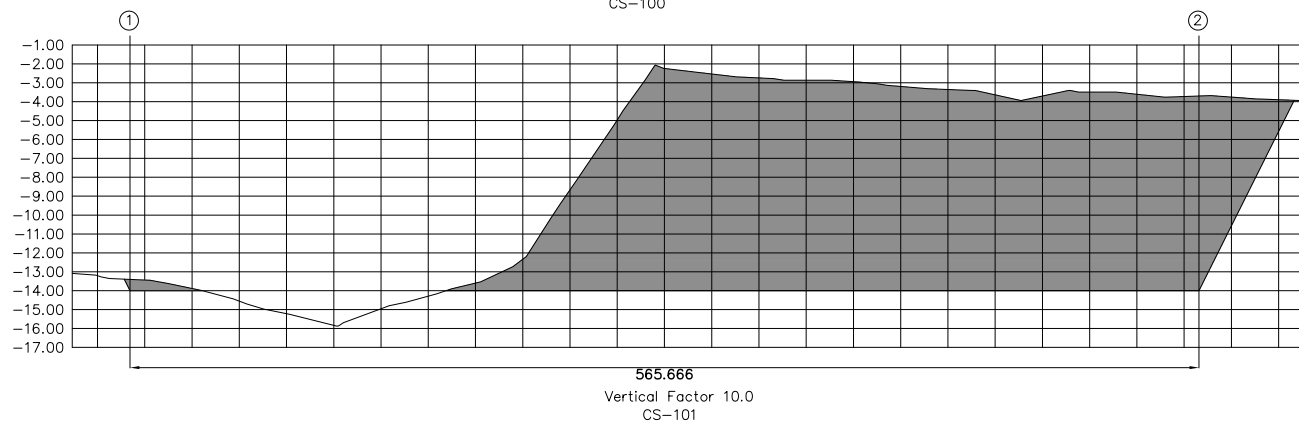
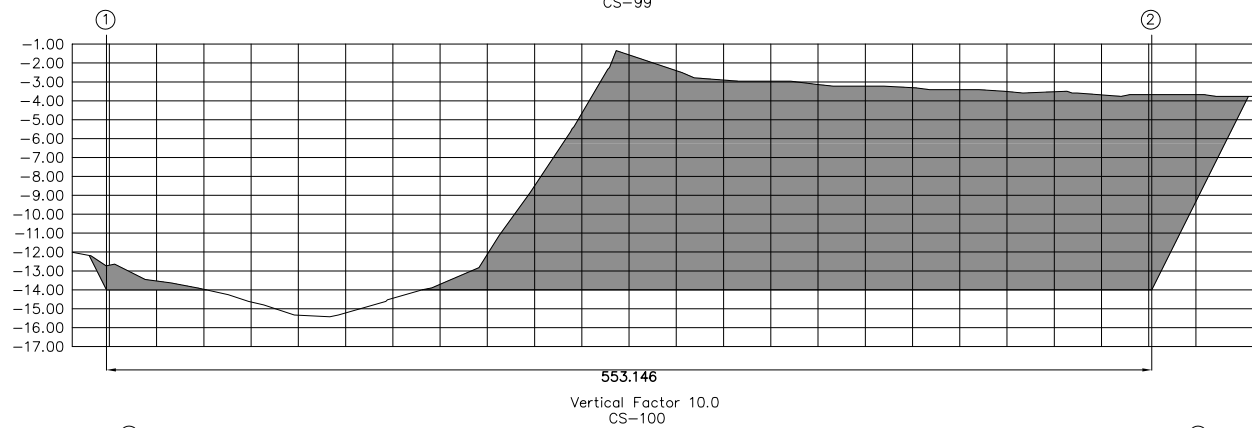
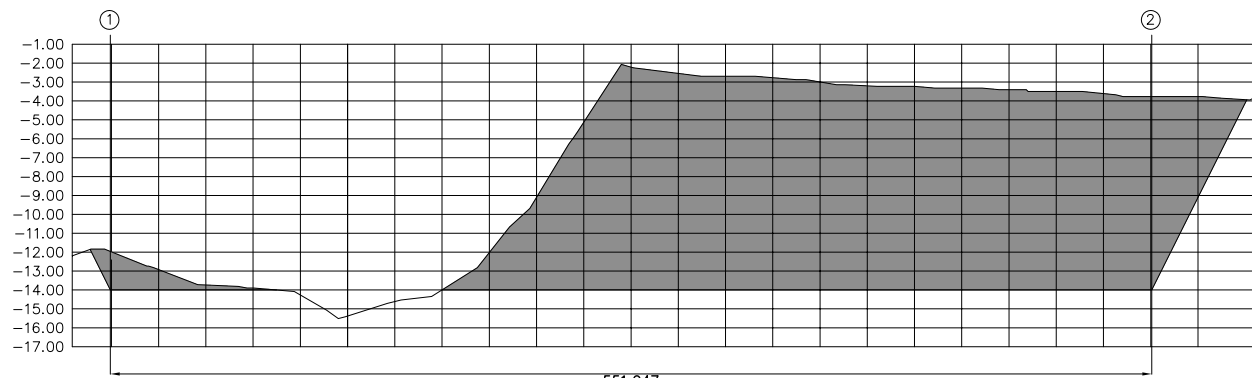
**JICA**  
JAPAN INTERNATIONAL  
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IN THE REPUBLIC OF INDONESIA  
**NIPPON KOEI CO., LTD.**  
**JAPAN PORT CONSULTANTS, LTD.**

PREPARED BY: *[Signature]*  
W. WIDIYANTO  
CHECKED BY: *[Signature]*  
M. IMAMURA  
APPROVED BY: *[Signature]*  
K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
SUB-SECTION : DREDGING  
TITLE : Dredging Section  
- Turning Basin (2)

DATE : MARCH 2006  
SCALE : V= 1 : 40  
H= 1 : 400  
DRAWING NO. : P-D-014



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

DIRECTORATE GENERAL OF SEA COMMUNICATION (DGSC)

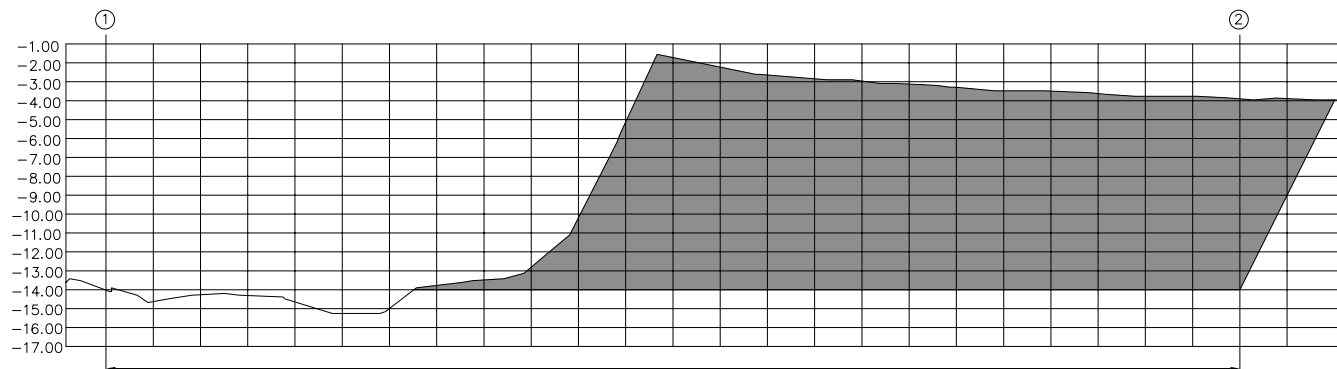
THE DETAILED DESIGN ON THE URGENT REHABILITATION PROJECT OF THE TANJUNG PRIK PORT IN THE REPUBLIC OF INDONESIA

NIPPON KOEI CO., LTD.  
JAPAN PORT CONSULTANTS, LTD.

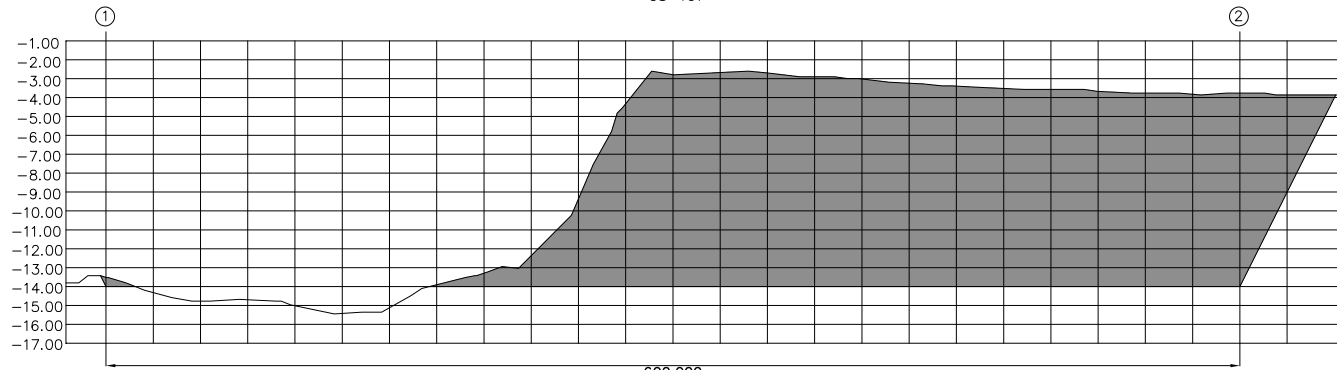
PREPARED BY: *[Signature]*  
W. WIDIYANTO  
CHECKED BY: *[Signature]*  
M. IMAMURA  
APPROVED BY: *[Signature]*  
K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
SUB-SECTION : DREDGING  
TITLE : Dredging Section - Turning Basin (3)

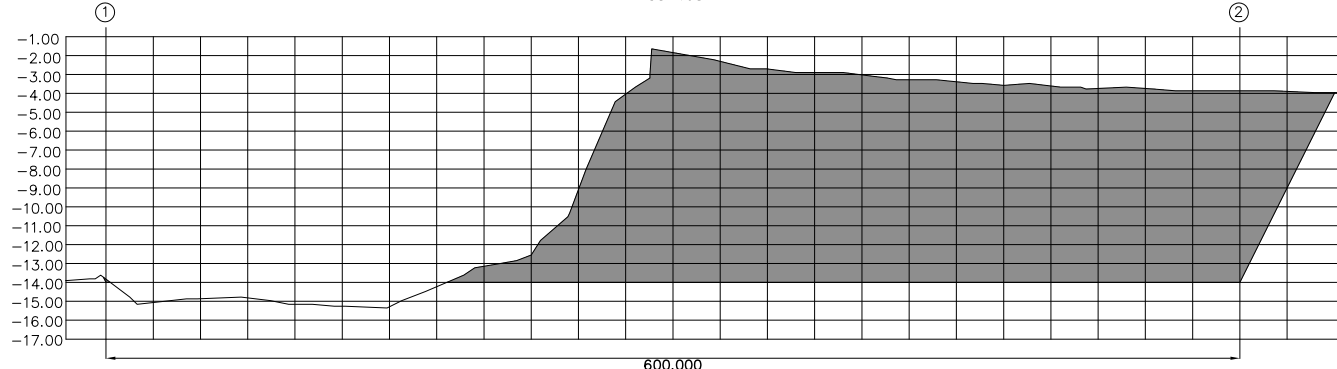
DATE : MARCH 2006  
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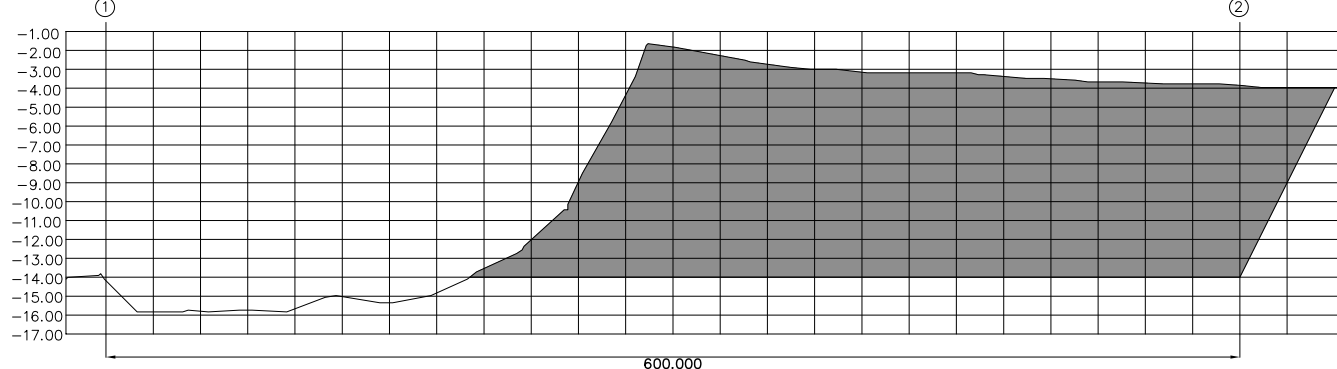
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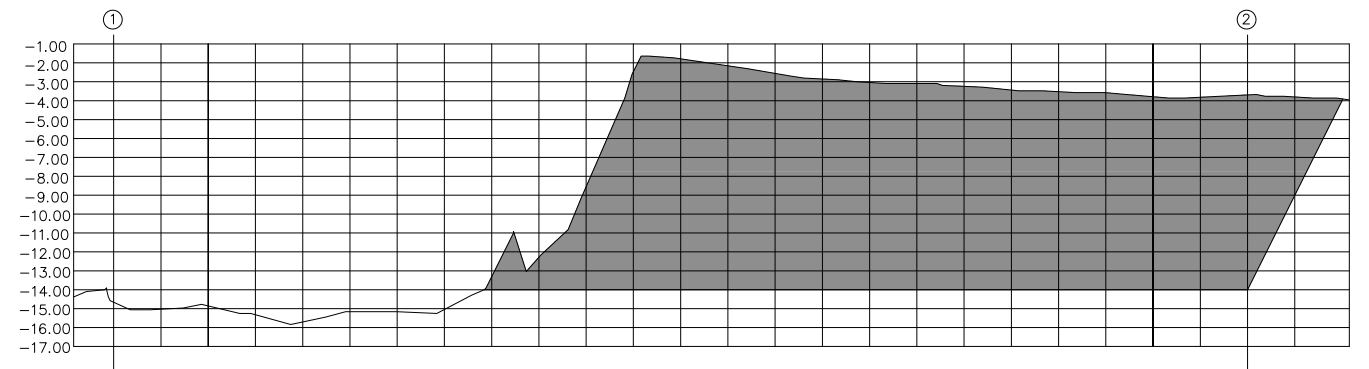
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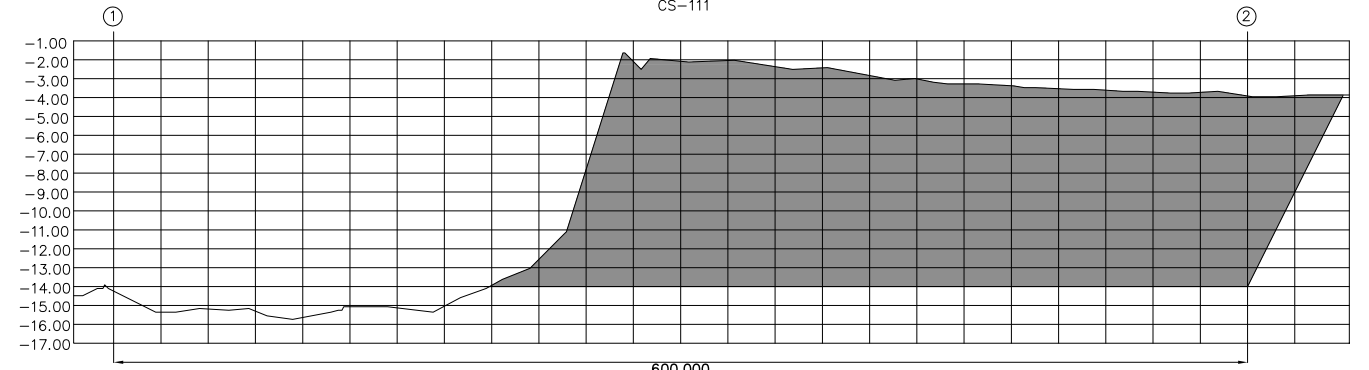
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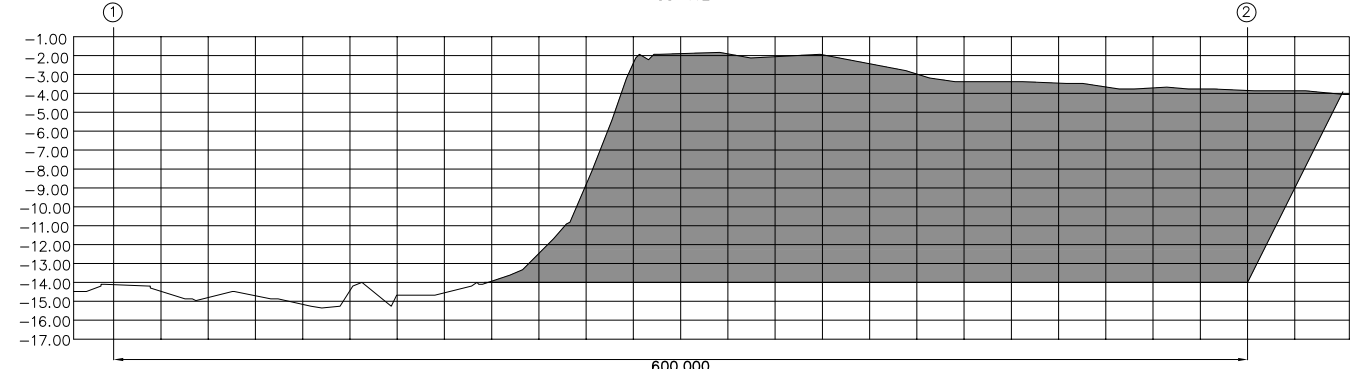
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Vertical Factor 10.0  
CS-110



600.000  
Vertical Factor 10.0  
CS-111



600.000  
Vertical Factor 10.0  
CS-112



600.000  
Vertical Factor 10.0  
CS-113

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

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**NIPPON KOEI CO., LTD.**  
**JAPAN PORT CONSULTANTS, LTD.**

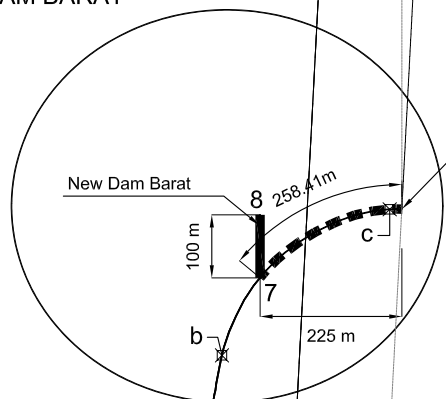
PREPARED BY: *[Signature]*  
W. WIDIYANTO  
CHECKED BY: *[Signature]*  
M. IMAMURA  
APPROVED BY: *[Signature]*  
K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
SUB-SECTION : DREDGING  
TITLE : Dredging Section  
- Turning Basin (4)

DATE : MARCH 2006  
SCALE : V= 1 : 40  
H= 1 : 400  
DRAWING NO. : P-D-016



DAM BARAT



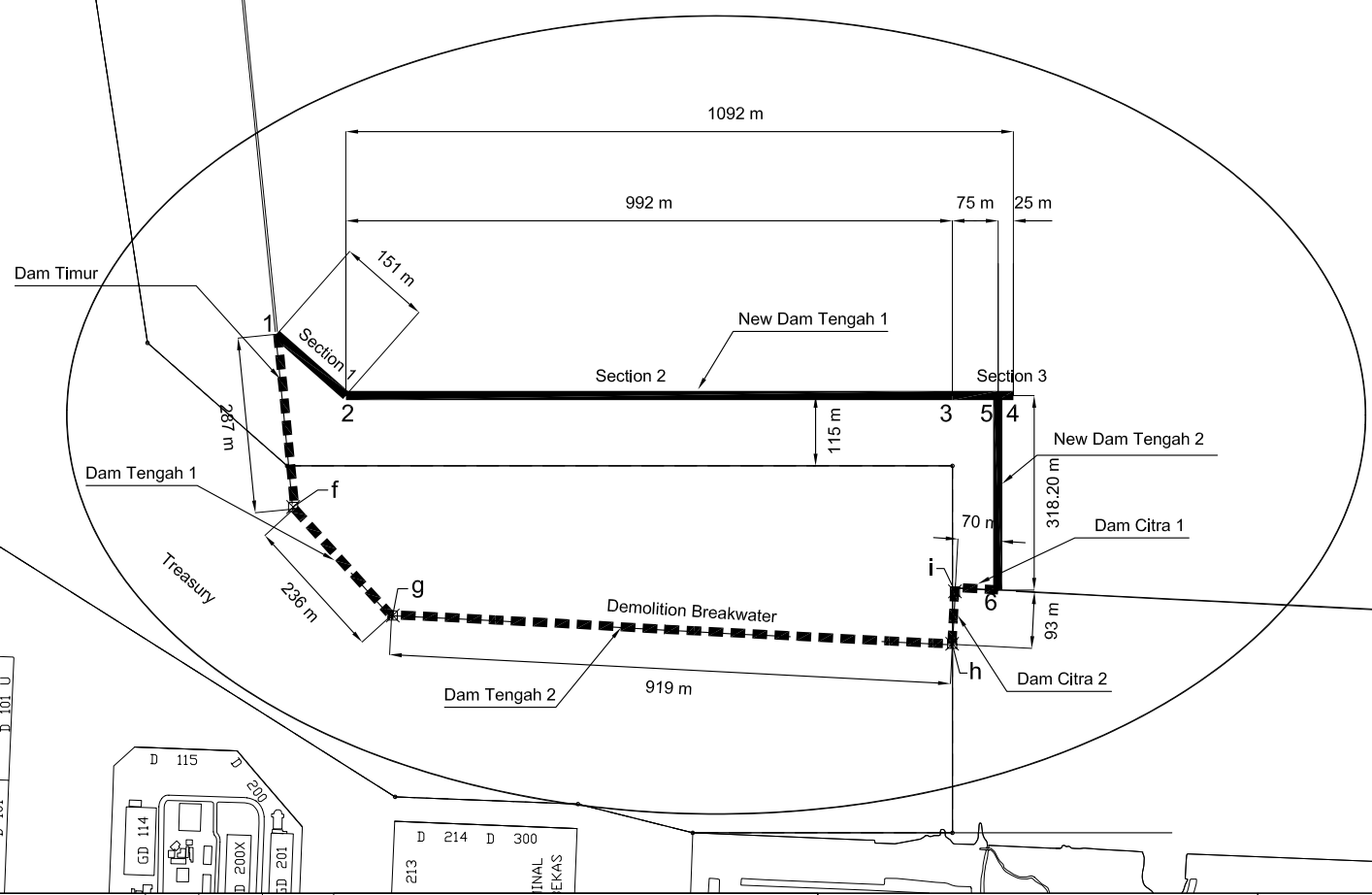
X = 708,263.136 (Tip of Existing Dam Barat)  
Y = 9,327,538.356

X = 708,445.682 (Tip of Existing Dam Timur)  
Y = 9,327,528.460

Point	Coordinate of Key Positions (Breakwater Alignment)	
	X (m)	Y (m)
a	707,736.463	9,325,980.902
b	707,977.634	9,327,306.361
c	708,244.017	9,327,538.105
d	708,467.347	9,327,526.325
e	708,704.075	9,327,280.521
f	708,811.360	9,326,197.040
g	708,967.579	9,326,022.257
h	709,889.859	9,325,972.530
i	709,894.631	9,326,064.937
j	711,417.509	9,325,988.560

Point	Coordinate of New Dam Tengah and Barat	
	X (m)	Y (m)
1	708,784.346	9,326,479.170
2	708,897.785	9,326,379.283
3	709,889.785	9,326,379.283
4	709,989.785	9,326,379.283
5	709,964.785	9,326,379.283
6	709,964.785	9,326,061.081
7	708,038.136	9,327,429.346
8	708,038.136	9,327,529.346

DAM TENGAH / DAM CITRA



———— Breakwater Construction  
 - - - - - Breakwater Demolition

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

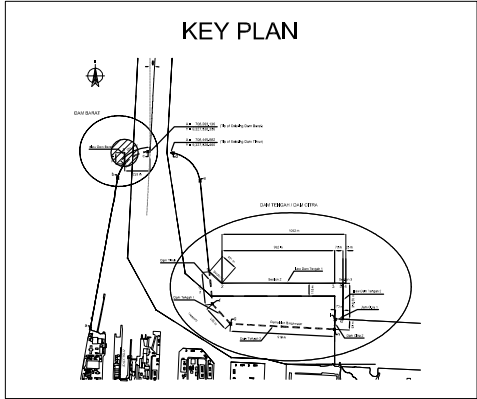
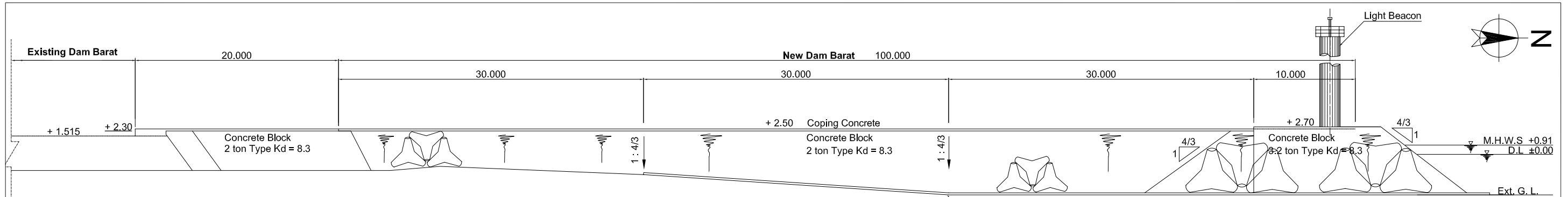
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 JAPAN PORT CONSULTANTS, LTD.

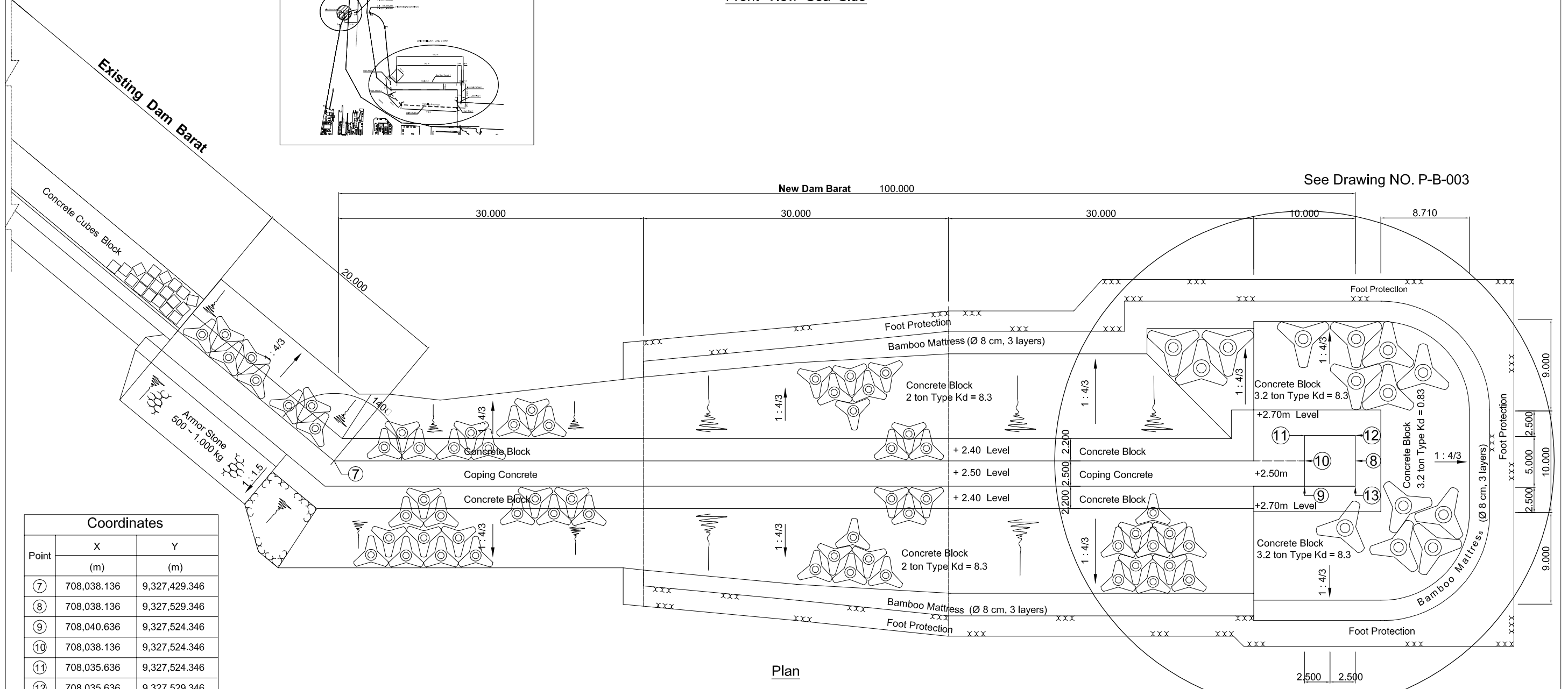
PREPARED BY: *[Signature]*  
 Y. PRASETYANTO  
 CHECKED BY: *[Signature]*  
 M. IMAMURA  
 APPROVED BY: *[Signature]*  
 K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
 SUB-SECTION : BREAKWATER  
 TITLE : Breakwater Relocation Plan

DATE : MARCH 2006  
 SCALE : 1 : 12000  
 DRAWING NO. : P-B-001



Front View Sea Side



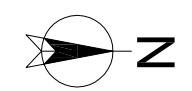
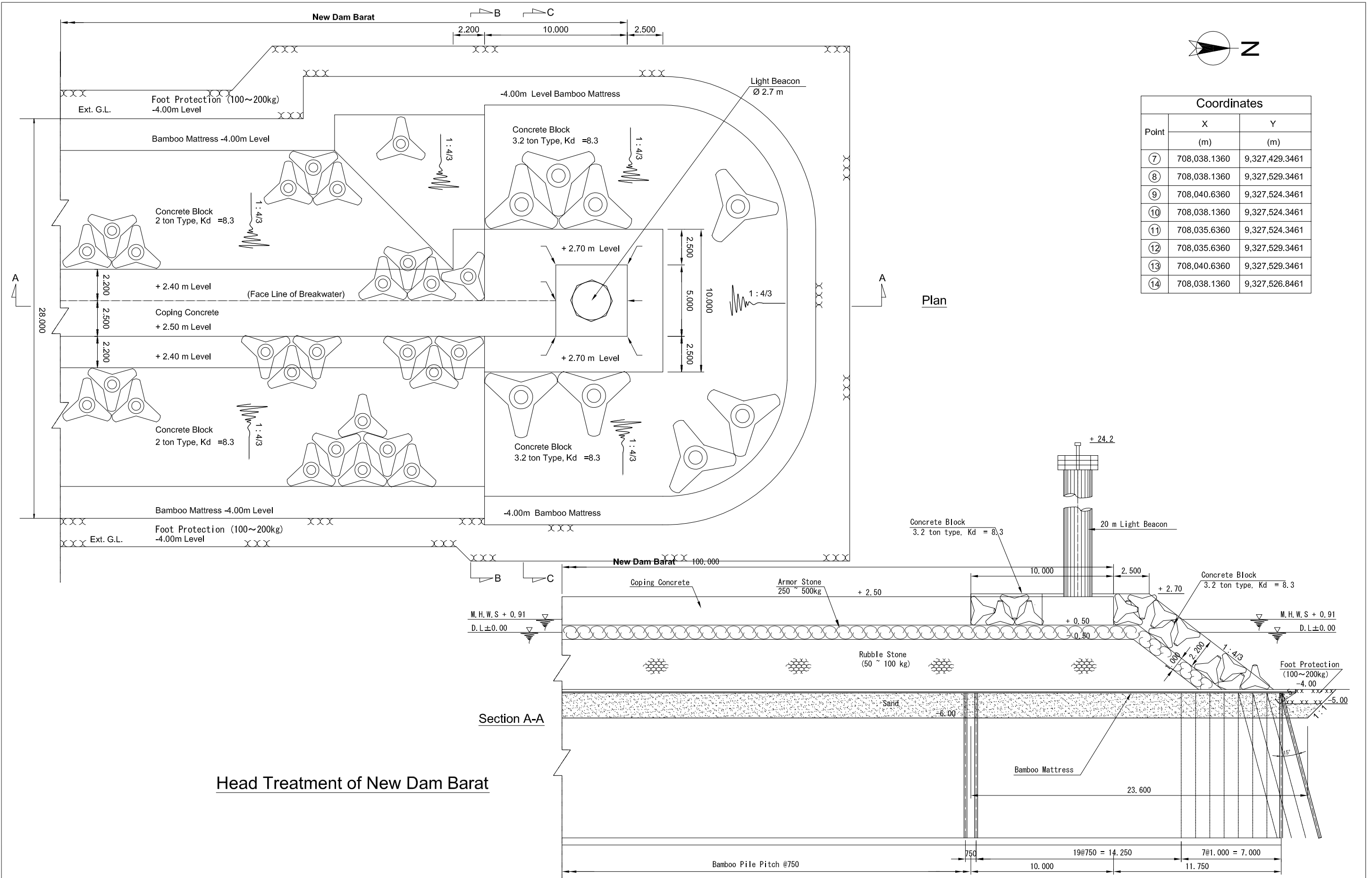
Plan

New Dam Barat

Coordinates		
Point	X (m)	Y (m)
⑦	708,038.136	9,327,429.346
⑧	708,038.136	9,327,529.346
⑨	708,040.636	9,327,524.346
⑩	708,038.136	9,327,524.346
⑪	708,035.636	9,327,524.346
⑫	708,035.636	9,327,529.346
⑬	708,040.636	9,327,529.346

Note : Refer to Drawing NO. P-B-001

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) DIRECTORATE GENERAL OF SEA COMMUNICATION (DGSC)	THE DETAILED DESIGN ON THE URGENT REHABILITATION PROJECT OF THE TANJUNG PRIOK PORT IN THE REPUBLIC OF INDONESIA NIPPON KOEI CO., LTD. JAPAN PORT CONSULTANTS, LTD.	PREPARED BY : Y. PRASEYANTO	SECTION : CHANNEL AND BASIN IMPROVEMENT	DATE : MARCH 2006
								CHECKED BY : M. IMAMURA	SUB-SECTION : Breakwater	SCALE : 1 : 400
								APPROVED BY : K. OKUBO	TITLE : Plan and Section, New Dam Barat	DRAWING NO. : P-B-002



Coordinates		
Point	X (m)	Y (m)
⑦	708,038.1360	9,327,429.3461
⑧	708,038.1360	9,327,529.3461
⑨	708,040.6360	9,327,524.3461
⑩	708,038.1360	9,327,524.3461
⑪	708,035.6360	9,327,524.3461
⑫	708,035.6360	9,327,529.3461
⑬	708,040.6360	9,327,529.3461
⑭	708,038.1360	9,327,526.8461

**Head Treatment of New Dam Barat**

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

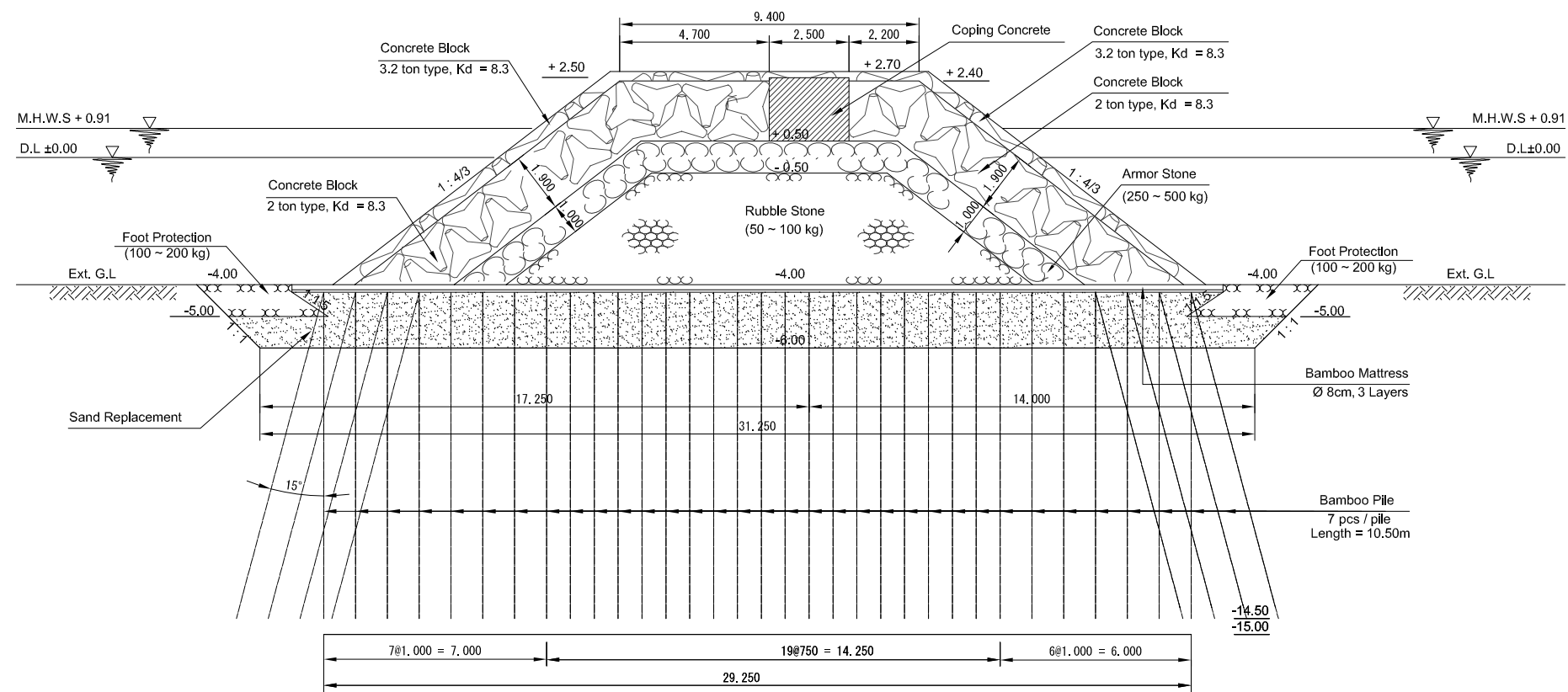
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**JAPAN PORT CONSULTANTS, LTD.**

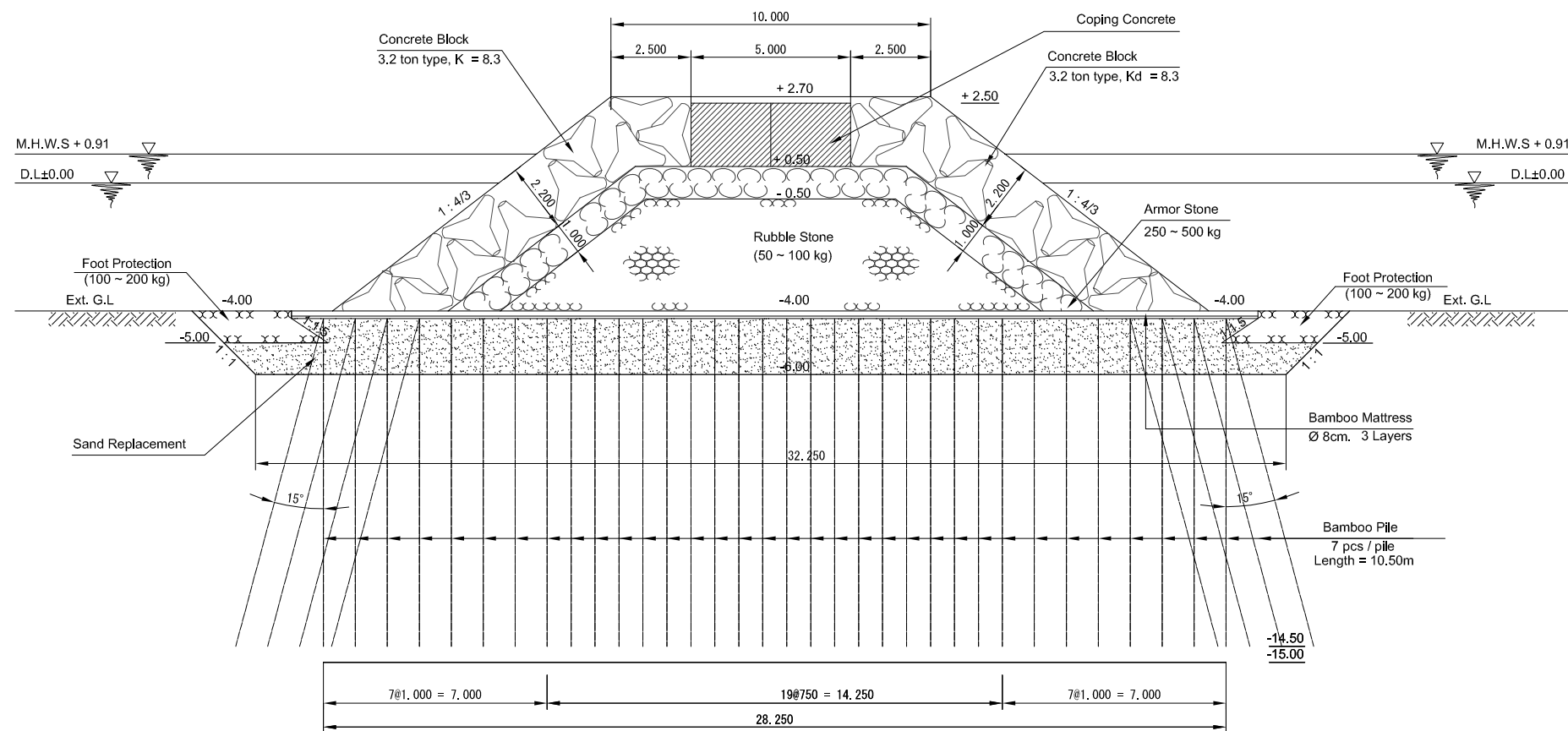
PREPARED BY: *[Signature]*  
 Y. PRASETYANTO  
 CHECKED BY: *[Signature]*  
 M. IMAMURA  
 APPROVED BY: *[Signature]*  
 K. OKUBO

SECTION : CHANNEL AND BASIN IMPROVEMENT  
 SUB-SECTION : Breakwater  
 TITLE : Head Treatment Plan  
 and Section (1), New Dam Barat

DATE : MARCH 2006  
 SCALE : 1 : 250  
 DRAWING NO. : P-B-003



Section B - B



Section C - C

Head Treatment of New Dam Barat

Note: Refer to Drawing NO.P-B-003

		<b>JICA</b>		JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		THE DETAILED DESIGN ON THE URGENT REHABILITATION PROJECT OF THE TANJUNG PRIOK PORT IN THE REPUBLIC OF INDONESIA		PREPARED BY: <i>[Signature]</i> Y. PRASETYANTO		SECTION : CHANNEL AND BASIN IMPROVEMENT		DATE : MARCH 2006	
				DIRECTORATE GENERAL OF SEA COMMUNICATION (DGSC)		NIPPON KOEI CO., LTD.		CHECKED BY: <i>[Signature]</i> M. IMAMURA		SUB-SECTION : Breakwater		SCALE : 1 : 200	
						JAPAN PORT CONSULTANTS, LTD.		APPROVED BY: <i>[Signature]</i> K. OKUBO		TITLE : Head Treatment Plan and Section (2) , New Dam Barat		DRAWING NO. : P-B-004	
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE								