

APPENDICES

1. Member List of Survey Team

Inception Report Explanation and Field Survey Team

(November 18, 2000 ~ December 30, 2000)

Assignment	Name	Position
1. Leader	:Senya MORI	Office of Technical Coordination and Examination, Grant Aid management Division, JICA
2. Deputy Leader / Cooperation Planning	:Shoji HASEGAWA	Technical Advisor on Grant Aid Project, JICA
3. Technical Advisor	Kenji YASUDA	Director for Coordination Office, Design Division, Construction Department, Kinki Regional Agricultural Administration Office, Ministry of Agriculture, Forestry and Fisheries
4. Project Coordinator	:Ryutaro MUROTANI	Fourth Project Management Division, Grant Aid Management Department, JICA
5. Chief Consultant / Operation Planning	:Shigeyuki TANAKA	Nippon Koei Co., LTD
6. Structure Planner	:Osamu NAKAHIRA	Nippon Koei Co., LTD
7. Irrigation Facility Planning	:Koji NAITO	Nippon Koei Co., LTD
8. Natural Condition Survey	:Susumu SATO	Nippon Koei Co., LTD
8. Agriculture Marketing Planning	:Yoshiyuki ISHIZAKI	Nippon Koei Co., LTD.
8. Construction Planner / Cost Estimating	:Shinichi MATSUMOTO	Nippon Koei Co., LTD.
9. Interpreter (Portuguese)	:Sanae TANABE	Nippon Koei Co., LTD

Draft Basic Design Report Consultation Team

(March 24, 2001 ~ April 6, 2001)

Assignment	Name	Position
1. Leader	: Shoji HASEGAWA	Technical Advisor on Grant Aid Project, JICA
2. Project Coordinator	: Makoto TAKAHASHI	Fourth Project Management Division, Grant Aid Management Department, JICA
3. Chief Consultant / Operation Planning	: Shigeyuki TANAKA	Nippon Koei Co., LTD
4. Agriculture Marketing Planning	: Yoshiyuki ISHIZAKI	Nippon Koei Co., LTD
5. Construction Planner / Cost Estimating	: Shinichi MATSUMOTO	Nippon Koei Co., LTD
6. Interpreter (Portuguese)	: Sanae TANABE	Nippon Koei Co., LTD

2. Survey Itinerary

Inception Report Explanation and Field Survey (March 15,1999 ~ May 4,1999)

No.	Date		Move	Site	Contents
1	18-Nov	Sat	Leave Narita (Yasuda, Murotani, Tanaka, Nakahira, Naito, Ishizaki, Matsumoto, Tanabe)	On the Board	
2	19-Nov	Sun	Arrive at Johannesburg(Yasuda, Murotani, Tanaka, Nakahira, Naito, Ishizaki, Matsumoto, Tanabe) Nairobi to Johannesburg (Hasregawa)	Johannesburg	
3	20-Nov	Mon	Johannesburg to Maputo (All member)	Maputo	Courtesy Call to JICA South Africa Office
4	21-Nov	Tue	Mauritius to Maputo (Sato) Maputo to Chokwe (All member)	Chokwe	Courtesy Call to Embassy of Japan Courtesy Call to MADER, explain I/C report Courtesy Call AFD
5	22-Nov	Wed	Leave Narita (Mori)	On the Board	Courtesy Call HICEP, Discussion w/ HICEP
6	23-Nov	Thu	Maputo to Chokwe (Mori)	Chokwe	Site Survey
7	24-Nov	Fri		Chokwe	Discussion w/ HICEP, Site Survey
8	25-Nov	Sat		Chokwe	Discussion w/ HICEP, Site Survey
9	26-Nov	Sun		Chokwe	Discussion of Term
10	27-Nov	Mon		Chokwe	Finalization of M/D w/ HICEP
11	28-Nov	Tue	Move to Maputo (Mori, Hasegawa, Yasuda, Murotani, Tanaka, Ishizaki, Tanabe)	Chokwe/Maputo	Signing of M/D Site Survey
12	29-Nov	Wed	Move to Johannesburg (Mori, Hasegawa, Yasuda, Murotani)	Chokwe/Maputo/ Johannesburg Chokwe	Courtesy Call EU, Report of Site Survey to EOJ, Site Survey
13	30-Nov	Thu	Leave Johannesburg (Mori, Yasuda, Murotani) Maputo to Chokwe (Tanaka, Ishizaki, Tanabe)	On the Board Chokwe	Report of Site Survey to JICA South Africa Office Site Survey
14	1-Dec	Fri	Arrive Narita (Mori, Yasuda, Murotani) Johannesburg to Nairobi (Hasegawa)	Chokwe	Site Survey
15	2-Dec	Sat		Chokwe	Site Survey
16	3-Dec	Sun		Chokwe	Site Survey
17	4-Dec	Mon		Chokwe	Site Survey
18	5-Dec	Thu		Chokwe	Site Survey
19	6-Dec	Wed		Chokwe	Site Survey
20	7-Dec	Thu		Chokwe	Site Survey
21	8-Dec	Fri		Chokwe	Site Survey
22	9-Dec	Sat		Chokwe	Site Survey
23	10-Dec	Sun		Chokwe	Site Survey
24	11-Dec	Mon		Chokwe	Site Survey
25	12-Dec	Tue		Chokwe	Site Survey
26	13-Dec	Wed		Chokwe	Site Survey
27	14-Dec	Thu	Chokwe to Maputo (Nakahira)	Chokwe Maputo	Site Survey
28	15-Dec	Fri	Leave Maputo (Nakahira)	Chokwe On the Board	Site Survey
29	16-Dec	Sat	Arrive Narita (Nakahira)	Chokwe	Site Survey
30	17-Dec	Sun		Chokwe	Site Survey
31	18-Dec	Mon		Chokwe	Site Survey
32	19-Dec	Tue		Chokwe	Site Survey
33	20-Dec	Wed		Chokwe	Site Survey
34	21-Dec	Thu		Chokwe	Site Survey
35	22-Dec	Fri		Chokwe	Site Survey
36	23-Dec	Sat		Chokwe	Site Survey
37	24-Dec	Sun		Chokwe	Site Survey
38	25-Dec	Mon		Chokwe	Site Survey
39	26-Dec	Tue		Chokwe	Site Survey
40	27-Dec	Wed	Chokwe to Maputo, Maputo to Johannesburg (Tanaka, Ishizaki)	Chokwe Johannesburg	Site Survey Report of Site Survey to EOJ
41	28-Dec	Thu	Chokwe to Maputo (Naito, Sato, Matsumoto, Tanebe)	Maputo	Report of Site Survey to JICA South Africa Office
42	29-Dec	Fri	Maputo to Johannesburg (Naito, Sato, Matsumoto, Tanabe) Leave Johannesburg (Tanaka, Naito, Sato, Ishizaki, Matsumoto, Tanabe)	On the Board	
43	30-Dec	Sat	Arrive Narita (Tanaka, Naito, Sato, Ishizaki, Matsumoto, Tanabe)		

Draft Basic Design Report Consultation
(March 24, 2001 ~ April 6, 2001)

No.	Date		Move	Site	Activity
1	24-Mar	Sat	Leave Narita (Takahashi, Tanaka, Ishizaki, Matsumoto, Tanabe)	On the Board	
2	25-Mar	Sun	Arrive at Johannesburg	Johannesburg	
3	26-Mar	Mon	Johannesburg to Maputo (Takahashi, Tanaka, Ishizaki, Natsumoto, Tanabe) Join with Hasegawa	Maputo	Courtesy Call, Explanation DBD Report and Discussion to JICA South Africa Office
4	27-Mar	Tue	Maputo to Chokwe	Chokwe	Courtesy Call, Explanation DBD Report and Discussion to EOJ and MADER
5	28-Mar	Wed		Chokwe	Courtesy Call, Explanation DBD Report and Discussion to HICEP
6	29-Mar	Thu		Chokwe	Discussion w/ HICEP
7	30-Mar	Fri		Chokwe	Discussion w/ HICEP Site Survey
8	31-Mar	Sat	Chokwe to Maputo	Maputo	
9	1-Apr	Sun		Maputo	Internal Discussion
10	2-Apr	Mon		Maputo	Discussion w/ MADER on Taxes and M/D Signing of M/D
11	3-Apr	Tue		Maputo	Courtesy Call to AFD and Embassy of Portugal
12	4-Apr	Wed	Maputo to Johannesburg (Hasegawa, Takahashi, Tanaka, Ishizaki, Matsumoto, Tanabe)	Johannesburg	Courtesy Call to EU and Ministry of Foreign Affairs Report on Result of Consultation to EOJ
13	5-Apr	Thu	Leave Johannesburg (Takahashi, Tanaka, Ishizaki, Matsumoto, Tanabe)	On the Board	Report on Result of Consultation to JICA South Africa Office
14	6-Apr	Fri	Arrive Narita Johannesburg to Nairobi (Hasegawa)		

3 List of party Concerned in Mozambique

Department of Asis and Oceania, Ministry of Foreign Affairs and Cooperation

Mr. Hermenegido Jose Caetano	Japan Desk
Mr. Kazuyuki Oyama	Adviser in Development Planing, JICA Expert

National Directorate of Agriculture Hydraulic (DNHA), Ministry of Agriculture and Rural Development (MADER)

Mr. Nelson Manuel Cordoso Melo	National Director
Ms. Zarena Bijal	Deputy National Director
Mr. Manuel T. Manguezi	Engineer
Mr. Albano Laite	//

Hidráulica de Chókwè, E.P. (HICEP)

Dr. José Rodrigues Pereira	President
Mr. Justino M. Taelane	Technical Advisor

Agricultural Office of Gaza Province

Mr. Mahomed Rapik Valá	Head of Department of Rural Extension
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Agricultural Office of Chokwe District

Mr. Custódio Carlos Mocomo	District Director of Agriculture and Rural Development
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Agence Française de Développement (AFD)

Ms. Odile des Desert	Director
Mr. Paul Jean REMY	Staff

Embassy of Portugal

Ms. Ines Alves	Representative of ICP
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European Union (EU)

Mr. E. H. Javier Puyol	Representative
Mr. Sigvard Björck	Technical Assistant for Infrastructure
Mr. Pablo Leunda	Agriculture section

AGRI-GAZA, Chokwe

Mr. Lourenço Matavel	Administrator
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Basil Read (Private Construction Company from South Africa)

Mr. Antonio Margues	Project Manager
Mr. Glenn Nelson	Site Agent

Embassy of Japan in Mozambique

Mr. Yushihiro Nose	Ambassador of Japan
Mr. Kohei Nagashima	Minister - Counsellor
Mr. Takuo Sato	Second Secretary

Japan International Cooperation Agency (JICA) , South Africa Office

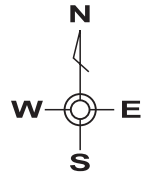
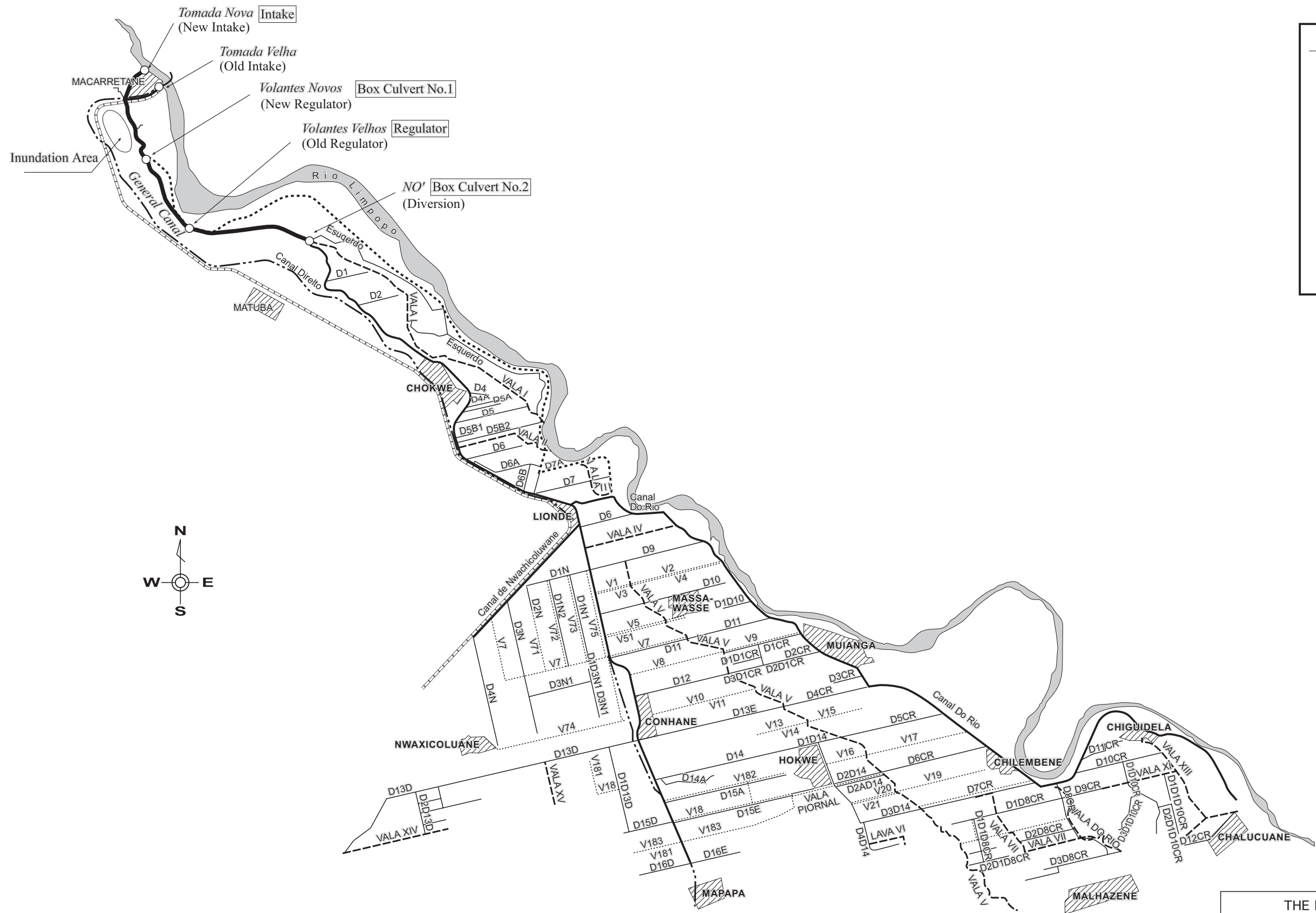
Mr. Yushiyuki Takahashi	Resident Representative
Mr. Yoshihiro Imamura	Assistant Resident Representative
Ms. Akiko Shimohira	Project Formulation Advisor

4. References

No.	Name of Documents	Year Issued	Publisher
1	Programa De Rehabilitacao Do Perimetro Irrigado do ChokweRehabilitation of Macarretane Dam, Detailed Design	1996	HICEP
2	Bacia Do Limpopo, Analise Hidrologica Da Cheia Do Ano 2000	2000	HICEP
3	Rehabilitacao Do Perimetro Irrigado do Chokwe,Programa Prioritario, Estudo Institucional e OrganizacionalEstapa 2: Detalhamento da Opcao escolhida	1996	HICEP
4	Chokwe Irrigation Scheme Automatic Control:Appendices	2000	HICEP/BRL
5	Chokwe Irrigation Scheme Automatic Control:DetaiedDesignReport	2000	HICEP/BRL
6	Programa De Rehabilitacao Do Perimetro Irrigado do ChokweRelatorio Anual do Engenheiro Consultor-1999	1999	HICEP/BRL
7	Programa De Rehabilitacao Do Perimetro Irrigado do ChokweAnexo1-9:Estudo de evolucao dos trabalhos de reabilitacao de regulacao dos Canais Principais	1999	HICEP/BRL
8	Regulamento de Funcionamento do Sistema de Regadio Eduardo Mondlane (Regulation of the Function of the Eduardo Mondlane Irrigation System)	1997	HICEP
9	Estudo Institucional E Organizacional, Etapa 2:Detalhamento da opcao escolhida (BRL,Fevereiro 1996)	1996	HICEP
10	Rehabilitacao Do Perimetro Irrigado do Chokwe,Estudo Hidraulico 1-Relatorio	1994	HICEP
11	Contrato D11	1999	HICEP
12	Contrato de Fornecimento de Agua Distribuidor D11 Epoca Quente 1999-2000	1999	HICEP
13	Hydrogeological Map of Mozambique, 1/1,000,000, with Explanatory Notes		Ministry of Public Works and Housing
14	Carta Geologica, 1/1,000,000		National Directorate of Geology
15	Carta Geologica de Mozambique, 1/250,000, No.31, 1-32, 1963	1963	National Directorate of Geology
16	Provincia de Gaza, Carta de Solos, 1/1,000,000		Instituto Nacional de Invetigacao Agronomica
17	Carta de Solos, Chokwe, 1/250,000		Instituto Nacional de Invetigacao Agronomica
18	Carta de Solos, Xilembene, 1/250,000		Instituto Nacional de Invetigacao Agronomica
19	Research Project on Water Demand Management in Southern Africa : Mozambique Country Study : Case Study of Chókwe Irrigation Scheme	1999	National Institute for Agriculture Research (INIA)
20	PAAO - 2001Provincia de Gaza	2000	Ministry of Agriculture and Rural Development
21	PAAO - 2001Componente Irrigaçao	2000	Ministry of Agriculture and Rural Development
22	Topographic Map S=1/250,000, A1 size, 7 sheets	1973, 1997, 1998, 2000	National Directorate of Geology and Cartography
23	Topographic Map S=1/50,000, A1 size, 7 sheets	1967, 1969, 1971, 1985, 1990, 1 9 9	National Directorate of Geology and Cartography

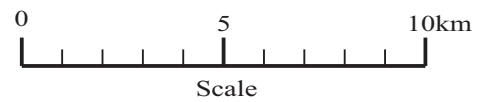
5. List of Basic Design Drawings

No.	Drawing No.	Title
1. GENERAL		
1	1-1	LAYOUT OF CHOKWE IRRIGATION SCHEME
2. GENERAL CANAL		
2	2-1	PROFILE (1/5)
3	2-2	PROFILE (2/5)
4	2-3	PROFILE (3/5)
5	2-4	PROFILE (4/5)
6	2-5	PROFILE (5/5)
3. RELATED STRUCTURES		
7	3-1	INTAKE (1/7)
8	3-2	INTAKE (2/7)
9	3-3	INTAKE (3/7)
10	3-4	INTAKE (4/7)
11	3-5	INTAKE (5/7)
12	3-6	INTAKE (6/7)
13	3-7	INTAKE (7/7)
14	3-8	REGULATOR (1/5)
15	3-9	REGULATOR (2/5)
16	3-10	REGULATOR (3/5)
17	3-11	REGULATOR (4/5)
18	3-12	REGULATOR (5/5)
19	3-13	BOX CULVERT (1/2)
20	3-14	BOX CULVERT (2/2)
21	3-15	DRAIN INLET (1/2)
22	3-16	DRAIN INLET (2/2)

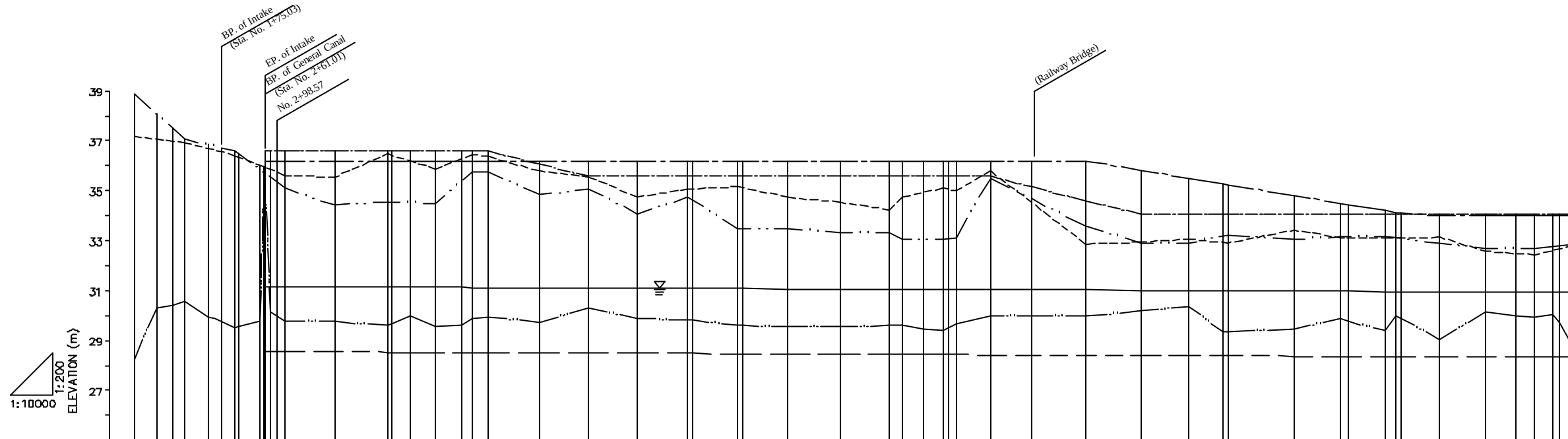


LEGEND

- Flood Dike
- General Canal
- Primary Canal
- Secondary Canal
- Primary Drain
- Secondary Drain
- - - - - National Road
- ==== Railway
- ▨ Village
- ~~~~ Limpopo River

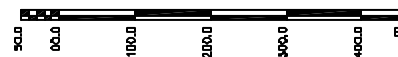


THE REPUBLIC OF MOZAMBIQUE		
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME		
TITLE OF DRAWING Layout of Chokwe Irrigation System		
DATE	DRAWING NO.	
NIPPON KOEI CO. LTD., JAPAN		



	DESIGNED				EXISTING			ACCUMULATED DISTANCE	DISTANCE	STATION No.
	CANAL BASE WIDTH	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	RIGHT BANK ELEVATION	LEFT BANK ELEVATION			
No. 0	34.00	38.00	38.00	31.38	30.00	38.87	37.18	0.00	0.00	No. 0
No. 1	25.00	36.19	36.58	31.16	28.55	37.06	36.93	43.83	43.83	No. 1
No. 2	25.00	36.19	36.58	31.16	28.55	36.61	36.41	32.39	76.22	No. 2
No. 3	25.00	36.19	36.58	31.15	28.55	35.11	35.62	23.25	99.47	No. 3
No. 4	25.00	36.19	36.58	31.15	28.54	34.42	35.54	49.39	148.86	No. 4
No. 5	25.00	36.19	36.58	31.14	28.53	34.56	36.48	25.64	174.50	No. 5
No. 6	25.00	36.19	36.58	31.13	28.52	34.49	35.88	26.99	201.49	No. 6
No. 7	25.00	36.19	36.58	31.13	28.52	34.49	35.88	10.01	211.50	No. 7
No. 8	25.00	36.19	36.58	31.12	28.51	35.73	36.45	48.54	260.04	No. 8
No. 9	25.00	36.19	36.58	31.12	28.51	35.78	36.37	24.6	284.64	No. 9
No. 10	25.00	36.19	36.07	31.11	28.50	34.83	35.80	10.75	295.39	No. 10
No. 11	25.00	36.19	35.57	31.10	28.49	35.05	35.54	27.92	323.31	No. 11
No. 12	25.00	36.19	35.57	31.09	28.48	34.74	35.06	99.65	422.96	No. 12
No. 13	25.00	36.19	35.57	31.08	28.47	33.49	35.16	106.24	529.20	No. 13
No. 14	25.00	36.19	35.57	31.07	28.46	33.48	34.74	35.03	564.23	No. 14
No. 15	25.00	36.19	35.57	31.06	28.45	33.31	34.54	50.93	615.16	No. 15
No. 16	25.00	36.19	35.57	31.05	28.44	33.31	34.24	53.42	668.58	No. 16
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No. 21	25.00	35.82	34.60	31.00	28.39	32.90	33.06	91.17	1012.71	No. 21
No. 22	25.00	35.51	34.05	30.99	28.38	32.90	32.90	99.59	1112.30	No. 22
No. 23	25.00	35.28	34.05	30.98	28.37	33.05	33.42	98.16	1210.46	No. 23
No. 24	25.00	34.81	34.05	30.97	28.36	33.16	33.13	103.39	1313.85	No. 24
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No. 26	25.00	34.20	34.05	30.95	28.34	32.89	33.14	27.07	1438.87	No. 26
No. 27	25.00	34.00	34.05	30.94	28.33	32.71	32.57	42.50	1481.37	No. 27
No. 28	25.00	34.00	34.05	30.93	28.32	32.70	32.44	27.07	1508.44	No. 28
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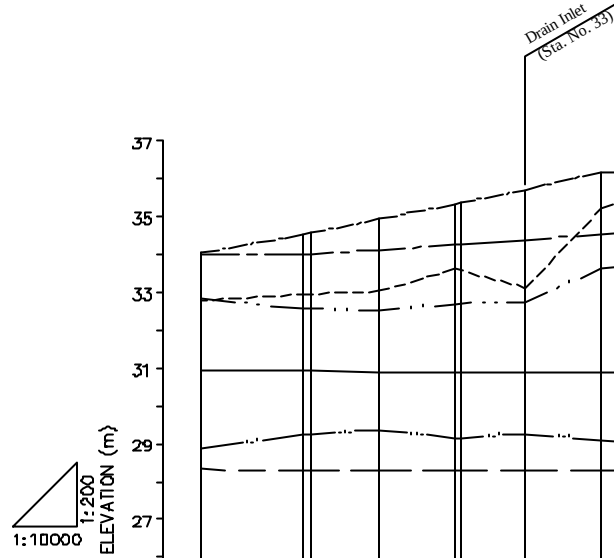


REFERENCE

DESIGNED	RIGHT BANK ELEVATION	— — — —
	LEFT BANK ELEVATION	— — — — —
	WATER SURFACE ELEVATION	—————
	CANAL BASE ELEVATION	— — — —

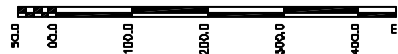
EXISTING	RIGHT BANK ELEVATION	— . . —
	LEFT BANK ELEVATION	-----
	CANAL BASE ELEVATION	——— . . ———

THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING			
PROFILE (1/5)			
DATE		DRAWING NO.	
NIPPON KOEI CO.,LTD.,JAPAN			



STATION No.	DISTANCE	ACCUMULATED DISTANCE	EXISTING			DESIGNED			
			CANAL BASE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION
No. 30	25.22	2882.90	28.86	32.79	32.84	28.32	30.93	34.05	34.00
No. 31	135.06 10.03	3017.96 3027.99	29.24 29.25	32.96	32.57	28.31 28.31	30.92 30.92	34.55 34.55	34.00 34.00
No. 32	90.65	3118.64	29.37	33.03	32.51	28.30	30.91	34.95	34.13
No. 33	99.00 10.01	3217.64 3227.65	29.14 29.15	33.62	32.71	28.29 28.29	30.90 30.90	35.35 35.39	34.27 34.28
No. 34	84.88	3312.53	29.27	33.13	32.75	28.28	30.89	35.73	34.40
No. 35	102.80 10.00	3515.70 3525.70	28.94 28.88	35.98	33.64	28.28	30.89	36.20	34.54
No. 36	33.76 10.00	3559.46 3569.46	28.89 28.85	35.97	33.62	28.26 28.26	30.87 30.87	36.06 36.01	34.55 34.40
No. 37	74.70 24.96	3702.69 3727.65	28.45 28.42	35.93	33.58	28.25 28.25	30.86 30.86	35.99 35.92	34.32 34.07
No. 38	74.65 27.68	3802.30 3829.98	28.70 28.80	35.63	32.75	28.24 28.24	30.85 30.85	35.80 35.83	34.00 34.00
No. 39	101.05 10.01	3931.03 3941.04	28.70 28.70	35.08	32.63	28.23 28.23	30.84 30.84	35.69 35.70	34.00 34.00
No. 40	89.16 23.43	4030.20 4053.63	28.66 28.85	34.18	33.22	28.22 28.22	30.83 30.83	35.56 35.59	34.00 34.05
No. 41	21.69 10.00	4085.32 4095.32	28.97 28.97	34.40	33.89	28.21	30.82	35.52	34.11 34.18
No. 42	96.74 47.09	4218.07 4265.16	29.36 29.48	35.14	34.19	28.21	30.82	35.43	34.37 34.46
No. 43	39.88 24.58	4336.04 4355.32	29.28 29.11	35.27	33.65	28.20 28.19	30.81 30.80	35.34 35.30	34.41 34.42
No. 44	20.46 20.41	4396.19 4445.13	28.96 29.03	35.27	33.55	28.19 28.19	30.80 30.80	35.26 35.21	34.00 34.00
No. 45	88.70	4543.84	29.08	35.79	33.94	28.18	30.79	35.12	34.00
No. 46	105.90	4649.74	28.97	35.90	33.99	28.17	30.78	35.00	34.35
No. 47	62.31	4750.08	28.85	35.73	34.19	28.16	30.77	35.00	34.48
No. 48	78.25	4828.33	28.88	34.74	34.45	28.15	30.76	34.84	34.69
No. 49	30.00	4889.33	29.27	33.63	32.88	28.10	30.71	34.55	34.85
No. 50	80.24 10.01	5044.43 5054.44	28.75 28.60	33.24	32.48	28.09 28.09	30.70 30.70	34.36 34.30	34.80 34.72
No. 51	22.35	5104.44	29.05	32.85	32.78	28.08 28.08	30.69 30.69	34.00 34.00	34.30 34.00
No. 52	35.57	5240.01	28.72	32.92	32.63	28.07	30.68	34.00	34.00
No. 53	72.90	5312.91	28.96	33.12	32.76	28.07	30.68	34.00	34.00
No. 54	34.95	5347.86	28.66	33.12	32.62	28.06	30.67	34.00	34.00
No. 55	22.47	5399.47	28.40	32.95	32.81	28.05	30.66	34.00	34.00
No. 56	54.85	5454.32	28.58	32.72	32.68	28.04 28.04	30.65 30.65	34.00 34.00	34.00 34.00
No. 57	89.91	5755.31	28.35	32.89	32.63	28.03	30.64	34.00	34.00
No. 58	54.88	5810.19	28.69	32.98	32.75	28.02	30.63	34.00	34.00
No. 59	20.00	5850.48	28.43	32.95	32.81	28.02	30.63	34.00	34.00

HORIZONTAL SCALE = 1:10000

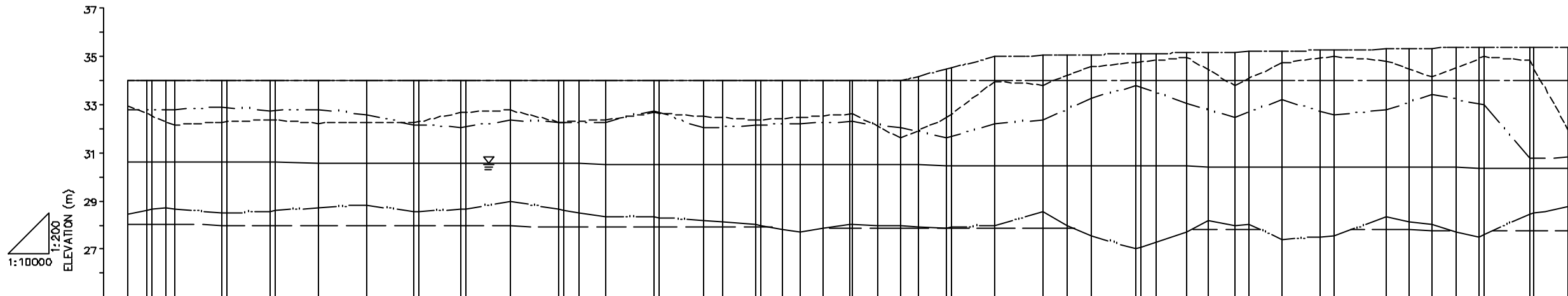


REFERENCE

DESIGNED	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION
	— — — —	— — — — —	— — — — —	— — — —

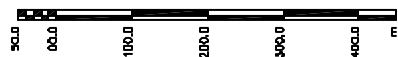
EXISTING	RIGHT BANK ELEVATION	LEFT BANK ELEVATION	CANAL BASE ELEVATION
	— — — —	— — — — —	— — — — —

THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING			
PROFILE (2/5)			
DATE		DRAWING NO.	
NIPPON KOEI CO.,LTD.,JAPAN			



STATION No.	DISTANCE	ACCUMULATED DISTANCE	EXISTING			DESIGNED				
			CANAL BASE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	CANAL BASE WIDTH
No. 58	20.00	5850.48	28.43	32.95	32.81	28.02	30.63	34.00	34.00	25.00
No. 59	40.00	5890.48	28.61	32.16	32.79	28.01	30.62	34.00	34.00	25.00
	10.00	5900.48	28.64			28.01	30.62	34.00	34.00	
No. 60	30.00	5930.48	28.69	32.28	32.90	28.01	30.62	34.00	34.00	25.00
	16.70	5947.18	28.68			28.01	30.62	34.00	34.00	
No. 61	98.95	6046.13	28.49	32.38	32.76	28.00	30.61	34.00	34.00	25.00
	10.00	6056.13	28.50			28.00	30.61	34.00	34.00	
No. 62	90.22	6146.35	28.57	32.23	32.81	27.99	30.60	34.00	34.00	25.00
	10.00	6156.35	28.59			27.99	30.60	34.00	34.00	
No. 63	89.75	6246.10	28.74	32.28	32.58	27.98	30.59	34.00	34.00	25.00
	101.69	6347.79	28.83			27.98	30.59	34.00	34.00	
No. 64	98.07	6445.86	28.55	32.25	32.18	27.97	30.58	34.00	34.00	25.00
	10.01	6455.87	28.57			27.97	30.58	34.00	34.00	
No. 65	88.81	6544.68	28.64	32.69	32.07	27.96	30.57	34.00	34.00	25.00
	10.00	6554.68	28.67			27.96	30.57	34.00	34.00	
No. 66	91.78	6646.46	28.98	32.78	32.35	27.95	30.56	34.00	34.00	25.00
	101.79	6748.25	28.67			27.94	30.55	34.00	34.00	
No. 67	101.79	6758.25	28.62	32.27	32.28	27.94	30.55	34.00	34.00	25.00
	31.86	6790.11	28.48			27.94	30.55	34.00	34.00	
No. 68	55.41	6845.52	28.37	32.39	32.28	27.93	30.54	34.00	34.00	25.00
	101.17	6946.69	28.32			27.92	30.53	34.00	34.00	
No. 69	101.17	6956.69	28.31	32.66	32.76	27.92	30.53	34.00	34.00	25.00
	10.00	7048.23	28.20			27.92	30.53	34.00	34.00	
No. 70	91.54	7090.05	28.13	32.52	32.03	27.91	30.52	34.00	34.00	25.00
	41.82	7158.97	28.01			27.91	30.52	34.00	34.00	
No. 71	68.92	7167.39	27.98	32.36	32.15	27.90	30.51	34.00	34.00	25.00
	8.42	7211.99	27.84			27.90	30.51	34.00	34.00	
No. 72	44.60	7250.08	27.72	32.47	32.23	27.90	30.51	34.00	34.00	25.00
	38.09	7298.89	27.86			27.89	30.50	34.00	34.00	
No. 73	48.81	7354.24	28.01	32.62	32.29	27.89	30.50	34.00	34.00	25.00
	55.35	7359.66	28.01			27.89	30.50	34.00	34.00	
No. 74	52.54	7412.20	27.99	31.61	32.04	27.88	30.49	34.00	34.00	30.00
	46.88	7459.08	27.98			27.88	30.49	34.00	34.00	
No. 75	38.57	7497.65	27.94	32.46	31.65	27.88	30.49	34.00	34.00	40.00
	58.28	7555.93	27.89			27.87	30.48	34.00	34.00	
No. 76	10.00	7565.93	27.90	33.98	32.21	27.87	30.48	34.00	34.00	25.00
	89.00	7654.93	27.99			27.86	30.47	35.00	34.00	
No. 77	101.35	7756.28	28.54	33.82	32.36	27.85	30.46	35.04	34.00	25.00
	50.12	7806.40	27.98			27.85	30.46	35.06	34.00	
No. 78	50.21	7856.61	27.56	34.57	33.29	27.84	30.45	35.08	34.00	40.00
	93.71	7950.32	27.00			27.84	30.45	35.12	34.00	
No. 79	10.01	7960.33	27.07	34.76	33.79	27.83	30.44	35.13	34.00	25.00
	29.98	7990.31	27.27			27.83	30.44	35.13	34.00	
No. 80	65.39	8055.70	27.70	34.97	33.06	27.83	30.44	35.16	34.00	25.00
	45.42	8101.12	28.17			27.82	30.43	35.17	34.00	
No. 81	53.22	8154.34	27.96	33.82	32.46	27.82	30.43	35.19	34.00	25.00
	30.21	8184.55	28.05			27.82	30.43	35.20	34.00	
No. 82	69.71	8254.26	27.40	34.73	33.20	27.81	30.42	35.23	34.00	25.00
	77.67	8331.93	27.51			27.80	30.41	35.26	34.00	
No. 83	29.41	8361.34	27.55	35.02	32.57	27.80	30.41	35.27	34.00	25.00
	109.52	8470.86	28.32			27.79	30.40	35.31	34.00	
No. 84	46.14	8517.00	28.13	34.81	32.79	27.79	30.40	35.33	34.00	25.00
	49.19	8566.19	28.03			27.78	30.39	35.35	34.00	
No. 85	49.95	8616.14	27.69	34.16	33.45	27.78	30.39	35.37	34.00	25.00
	47.82	8663.96	27.51			27.78	30.39	35.37	34.00	
No. 86	10.01	8673.97	27.60	35.00	32.98	27.77	30.38	35.39	34.00	25.00
	94.70	8768.67	28.45			27.77	30.38	35.40	34.00	
No. 87	10.00	8778.67	28.49	34.83	30.78	27.76	30.37	35.40	34.00	25.00
	50.00	8850.00	28.78			27.76	30.37	35.40	34.00	

HORIZONTAL SCALE = 1:10000



REFERENCE

DESIGNED	RIGHT BANK ELEVATION	— — —
	LEFT BANK ELEVATION	— — — — —
	WATER SURFACE ELEVATION	— — — — —
	CANAL BASE ELEVATION	— — — — —

EXISTING	RIGHT BANK ELEVATION	— . . —
	LEFT BANK ELEVATION	— — — — —
	WATER SURFACE ELEVATION	— — — — —
	CANAL BASE ELEVATION	—

THE REPUBLIC OF MOZAMBIQUE

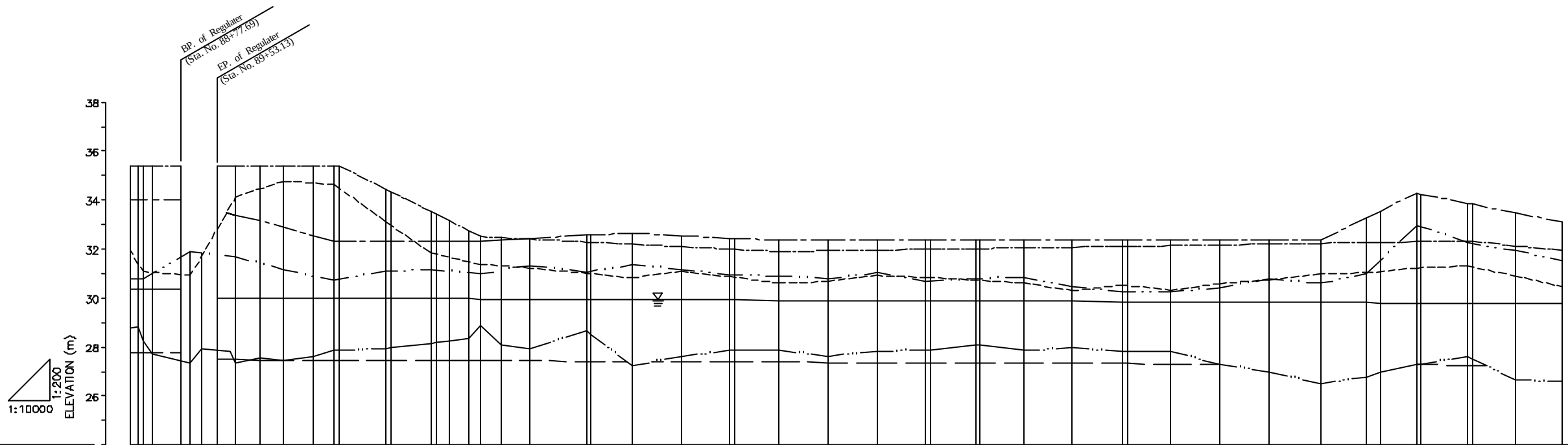
THE PROJECT FOR REHABILITATION OF
CHOKWE IRRIGATION SCHEME

TITLE OF DRAWING

PROFILE (3/5)

DATE DRAWING NO.

NIPPON KOEI CO.,LTD.,JAPAN



STATION No.	DISTANCE	ACCUMULATED DISTANCE	EXISTING			DESIGNED			
			CANAL BASE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION
No. 88	50.00	8850.00	28.78	31.08	30.81	27.76	30.37	35.40	34.00
No. 89	10.01	8875.06	28.22	30.93	31.88	27.74	30.36	35.40	34.00
	20.44	8895.50	27.74			27.75	30.36	35.40	34.00
No. 90	57.25	8952.75	27.43	34.14	31.69	27.75	30.36	35.40	34.00
	20.00	8972.75	27.32			27.75	30.36	35.40	34.00
No. 91	23.15	8995.90	27.91	34.78	31.15	27.75	30.36	35.40	34.00
	29.98	9025.88	27.86			27.75	30.36	35.40	34.00
No. 92	18.91	9065.37	27.37	34.78	31.15	27.75	30.36	35.40	34.00
	47.93	9113.30	27.57			27.75	30.36	35.40	34.00
No. 93	49.64	9162.94	27.43	34.78	31.15	27.75	30.36	35.40	34.00
	59.94	9222.88	27.59			27.75	30.36	35.40	34.00
No. 94	42.85	9265.73	27.85	34.64	30.71	27.48	30.01	35.40	32.34
	10.00	9275.73	27.86			27.48	30.01	35.40	32.34
No. 95	96.41	9372.14	27.94	33.11	31.10	27.47	30.00	34.44	32.34
	10.01	9382.14	27.96			27.47	30.00	34.44	32.34
No. 96	80.98	9463.13	28.14	31.84	31.16	27.46	29.99	33.53	32.34
	10.00	9473.13	28.14			27.46	29.99	33.53	32.34
No. 97	28.91	9502.04	28.25	31.38	30.98	27.46	29.99	33.14	32.34
	37.91	9539.95	28.35			27.45	29.98	32.76	32.34
No. 98	24.64	9564.59	28.86	31.38	30.98	27.45	29.98	32.51	32.34
	42.06	9606.65	28.08			27.45	29.98	32.47	32.38
No. 99	58.51	9665.16	27.91	31.23	31.34	27.44	29.97	32.41	32.44
	101.08	9745.57	27.63			27.42	29.95	32.10	32.55
No. 100	83.24	9873.49	27.24	30.83	31.35	27.43	29.96	32.20	32.65
	101.08	9974.57	27.63			27.42	29.95	32.10	32.55
No. 101	99.20	10073.77	27.85	30.87	30.97	27.41	29.94	32.00	32.45
	10.01	10083.78	27.85			27.41	29.94	31.99	32.44
No. 102	90.35	10174.13	27.86	30.60	30.89	27.40	29.93	31.90	32.35
	99.40	10273.53	27.63			27.39	29.92	31.93	32.35
No. 103	99.65	10373.18	27.82	30.92	31.03	27.38	29.91	31.96	32.35
	100.13	10473.31	27.88			27.37	29.90	31.99	32.35
No. 104	101.35	10574.66	28.08	30.85	30.69	27.36	29.89	32.02	32.35
	98.68	10673.34	27.85			27.36	29.89	32.05	32.35
No. 105	98.67	10772.01	27.96	30.30	30.46	27.35	29.88	32.08	32.35
	101.79	10873.80	27.81			27.34	29.87	32.11	32.35
No. 106	100.02	10883.82	27.81	30.53	30.26	27.34	29.87	32.11	32.35
	89.39	10973.21	27.81			27.33	29.86	32.14	32.35
No. 107	100.25	11073.46	27.30	30.59	30.40	27.32	29.85	32.17	32.35
	100.07	11173.53	26.98			27.31	29.84	32.20	32.35
No. 108	106.05	11279.58	26.52	31.00	30.76	27.30	29.83	32.24	32.35
	93.14	11372.72	26.78			27.30	29.83	32.27	33.28
No. 109	28.22	11400.94	26.98	31.03	30.98	27.29	29.82	32.28	33.56
	73.14	11474.08	27.27			27.29	29.82	32.30	34.29
No. 110	10.00	11484.08	27.30	31.23	32.98	27.29	29.82	32.30	34.25
	94.06	11578.14	27.62			27.28	29.81	32.33	33.87
No. 111	89.54	11677.68	26.66	30.90	31.93	27.27	29.80	32.13	33.47
	95.16	11772.84	26.58			27.26	29.79	31.94	33.09

HORIZONTAL SCALE = 1:10000



REFERENCE

DESIGNED	RIGHT BANK ELEVATION	— — — —
	LEFT BANK ELEVATION	- - - - -
	WATER SURFACE ELEVATION	— — — —
	CANAL BASE ELEVATION	— — — —

EXISTING

EXISTING	RIGHT BANK ELEVATION	— . . —
	LEFT BANK ELEVATION	- - - - -
	CANAL BASE ELEVATION	— — — —

THE REPUBLIC OF MOZAMBIQUE

THE PROJECT FOR REHABILITATION OF
CHOKWE IRRIGATION SCHEME

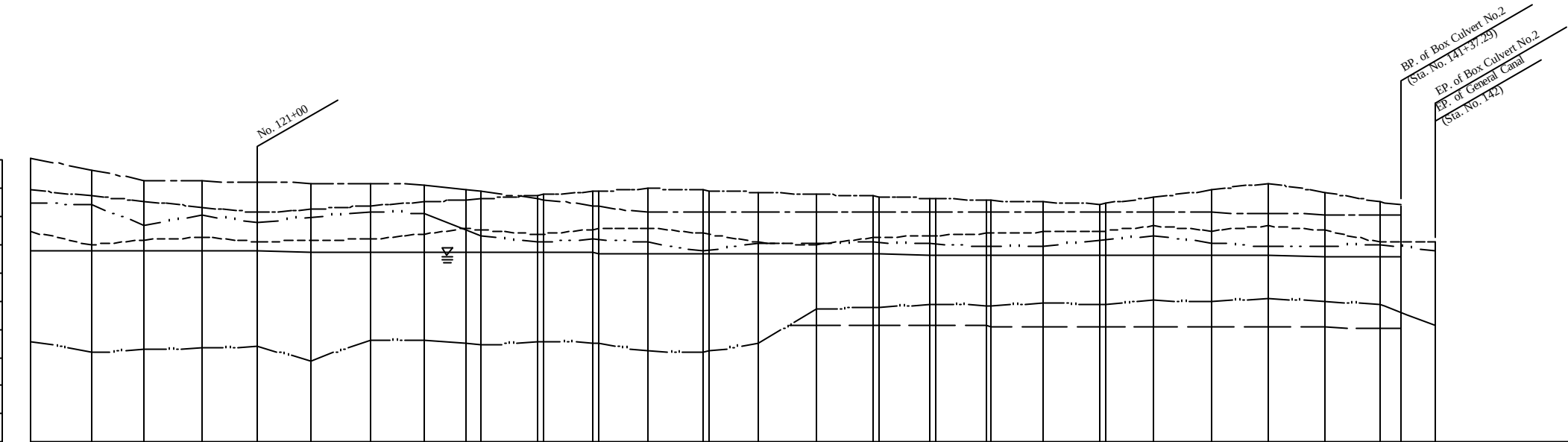
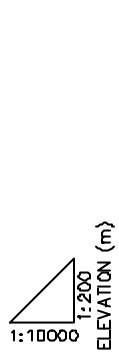
TITLE OF DRAWING

PROFILE (4/5)

DATE DRAWING NO.

NIPPON KOEI CO.,LTD.,JAPAN

HORIZONTAL SCALE = 1:10000



STATION No.	DISTANCE	ACCUMULATED DISTANCE	EXISTING			DESIGNED				
			CANAL BASE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	LEFT BANK ELEVATION	RIGHT BANK ELEVATION	CANAL BASE WIDTH
No. 117	95.16	11772.84	26.58	30.46	31.50	27.26	29.79	31.94	33.09	25.00
No. 118	107.20	11880.04	26.17	29.99	31.40	27.25	29.78	31.73	32.66	25.00
No. 119	94.73	11974.77	26.27	30.17	30.71	27.24	29.77	31.54	32.28	25.00
No. 120	103.26	12078.03	26.32	30.27	31.03	27.23	29.76	31.33	32.25	25.00
No. 121	97.36	12175.39	26.38	30.11	30.80	27.23	29.76	31.14	32.22	25.00
No. 122	95.34	12270.73	25.88			27.22	29.75	31.26	32.19	
No. 123	105.00	12375.73	26.62	30.20	31.17	27.21	29.74	31.39	32.16	25.00
No. 124	95.16	12470.89	26.63	30.38	31.11	27.20	29.73	31.51	32.13	30.00
No. 125	73.48	12544.37	26.49	30.59	30.55	27.19	29.72	31.60	31.95	25.00
No. 125	27.79	12572.16	26.43	30.53	30.29	27.19	29.72	31.63	31.88	25.00
No. 126	101.02	12673.18	26.55	30.37	30.10	27.18	29.71	31.76	31.63	25.00
No. 126	10.00	12683.18	26.55			27.18	29.71	31.77	31.61	
No. 127	87.11	12770.29	26.53	30.55	30.20	27.17	29.70	31.88	31.39	25.00
No. 127	10.01	12780.30	26.50			27.17	29.70	31.89	31.36	
No. 128	87.17	12867.47	26.22	30.59	30.09	27.17	29.70	32.00	31.14	25.00
No. 129	98.87	12966.34	26.19	30.40	29.78	27.16	29.69	31.93	31.14	25.00
No. 129	10.00	12976.34	26.22			27.16	29.69	31.92	31.14	
No. 130	89.01	13065.35	26.49	30.08	30.06	27.15	29.68	31.86	31.14	25.00
No. 131	101.76	13167.11	27.70	29.99	30.04	27.14	29.67	31.79	31.14	25.00
No. 132	101.16	13268.27	27.79	30.26	30.09	27.13	29.66	31.72	31.14	25.00
No. 132	10.00	13278.27	27.80			27.13	29.66	31.71	31.14	
No. 133	89.94	13368.21	27.88	30.32	30.03	27.12	29.65	31.65	31.14	25.00
No. 133	10.00	13378.21	27.88			27.12	29.65	31.64	31.14	
No. 134	89.86	13468.07	27.84	30.40	29.94	27.11	29.64	31.58	31.14	25.00
No. 134	10.00	13478.07	27.85			27.11	29.64	31.57	31.14	
No. 135	91.93	13570.00	27.92	30.45	29.95	27.10	29.63	31.51	31.14	25.00
No. 136	101.11	13671.11	27.89	30.46	30.14	27.10	29.63	31.44	31.14	25.00
No. 136	10.00	13681.11	27.90			27.09	29.62	31.47	31.14	
No. 137	83.60	13764.71	28.02	30.68	30.33	27.09	29.62	31.68	31.17	25.00
No. 138	103.67	13868.38	27.98	30.49	30.06	27.08	29.61	31.94	31.14	25.00
No. 139	100.03	13968.41	28.09	30.67	29.93	27.07	29.60	32.19	31.11	25.00
No. 140	100.35	14068.76	27.99	30.50	29.95	27.06	29.59	31.86	31.08	25.00
No. 141	98.03	14166.79	27.89	30.10	30.02	27.05	29.58	31.53	31.05	25.00
No. 141	37.29	14204.08	27.60			27.05	29.58	31.37	31.04	
No. 142	61.00	14265.08	27.12	30.12	29.78	27.00	29.53	31.21	31.02	25.00

REFERENCE

DESIGNED	RIGHT BANK ELEVATION	— — — —
	LEFT BANK ELEVATION	— — — — —
	WATER SURFACE ELEVATION	—————
	CANAL BASE ELEVATION	— — — —

EXISTING	RIGHT BANK ELEVATION	— · — —
	LEFT BANK ELEVATION	— — — — —
	CANAL BASE ELEVATION	— · — — —

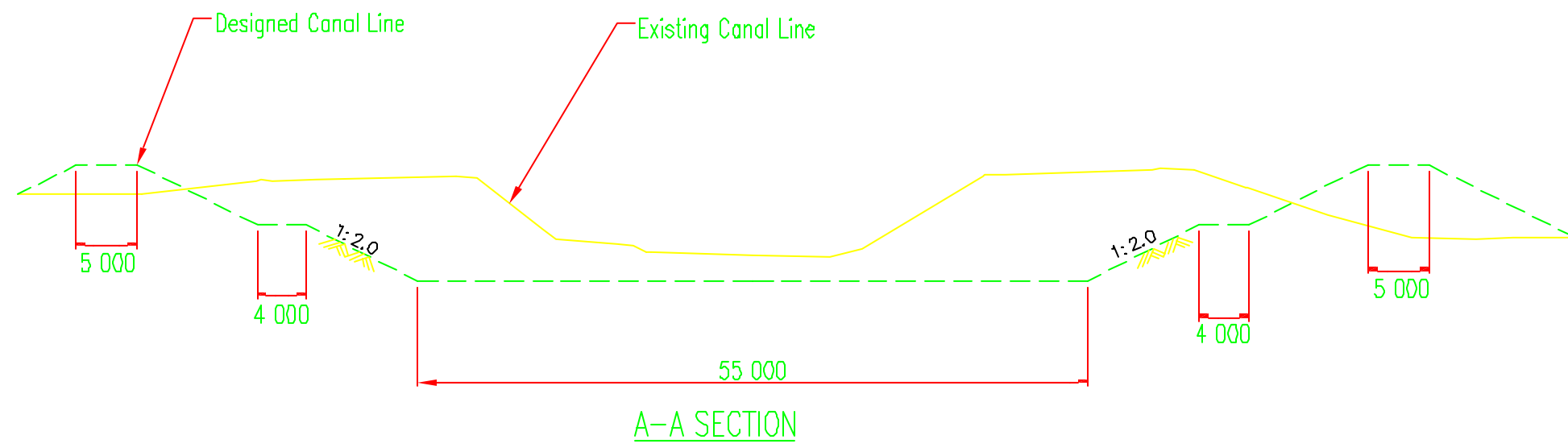
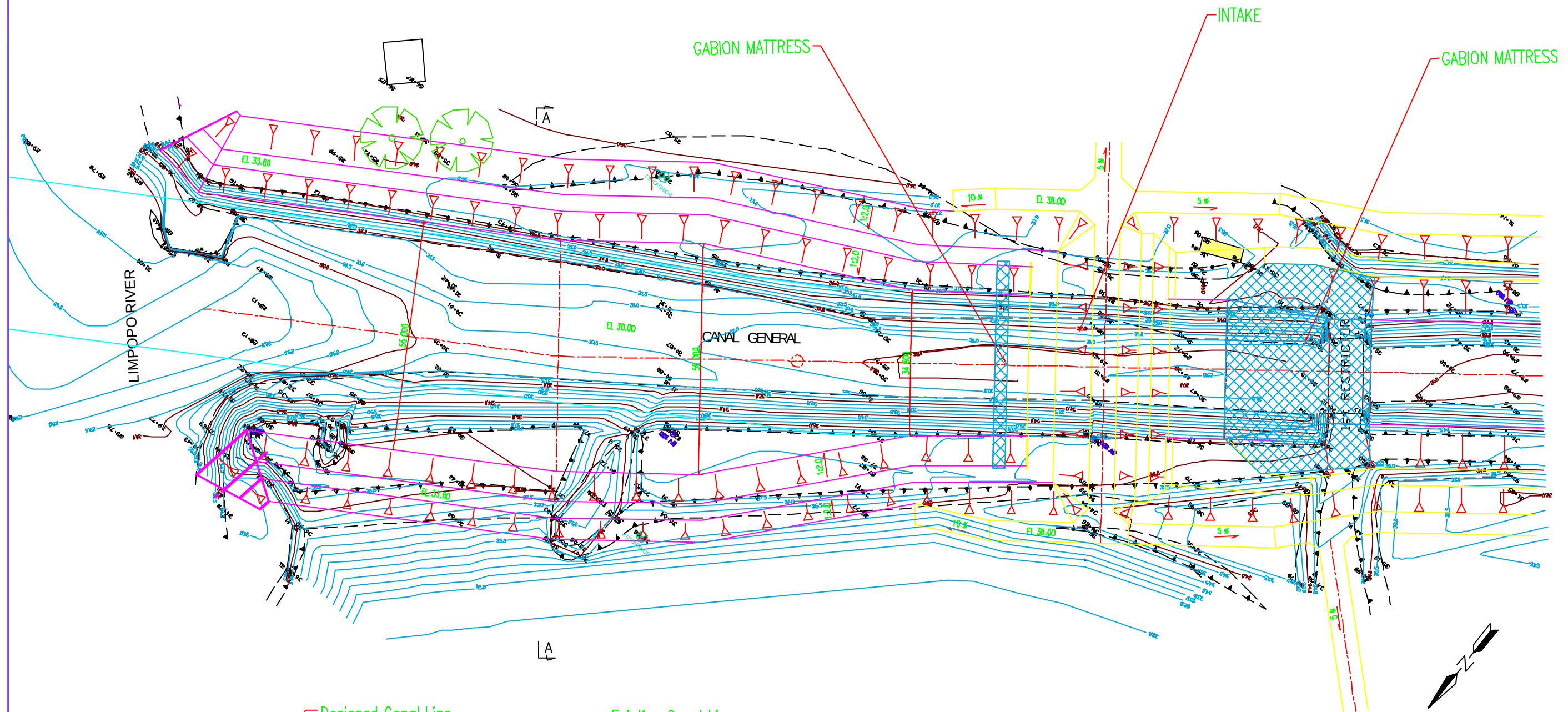
THE REPUBLIC OF MOZAMBIQUE

THE PROJECT FOR REHABILITATION OF
CHOKWE IRRIGATION SCHEME

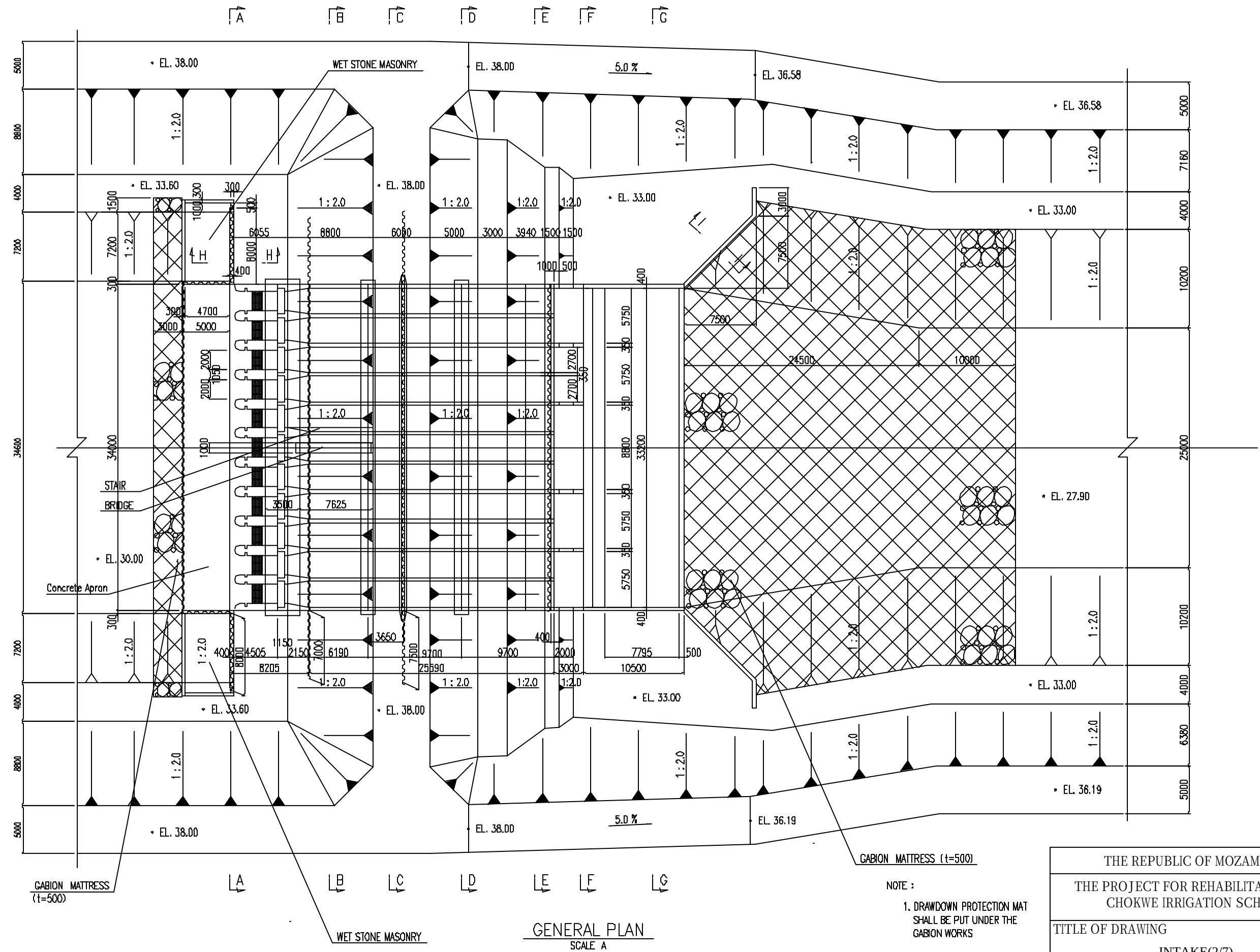
TITLE OF DRAWING

PROFILE (5/5)

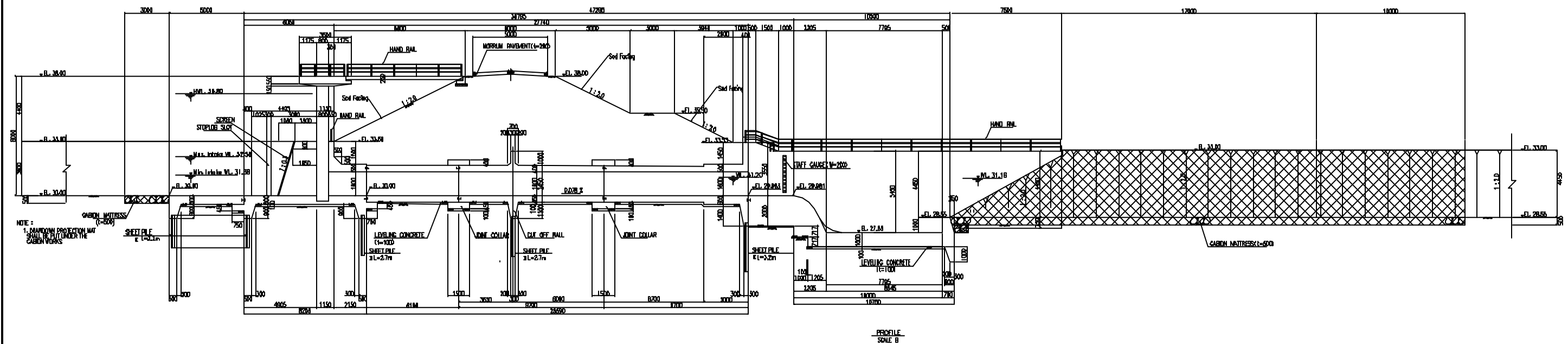
DATE		DRAWING NO.	
NIPPON KOEI CO.,LTD.,JAPAN			



THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING INTAKE(1/7)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			

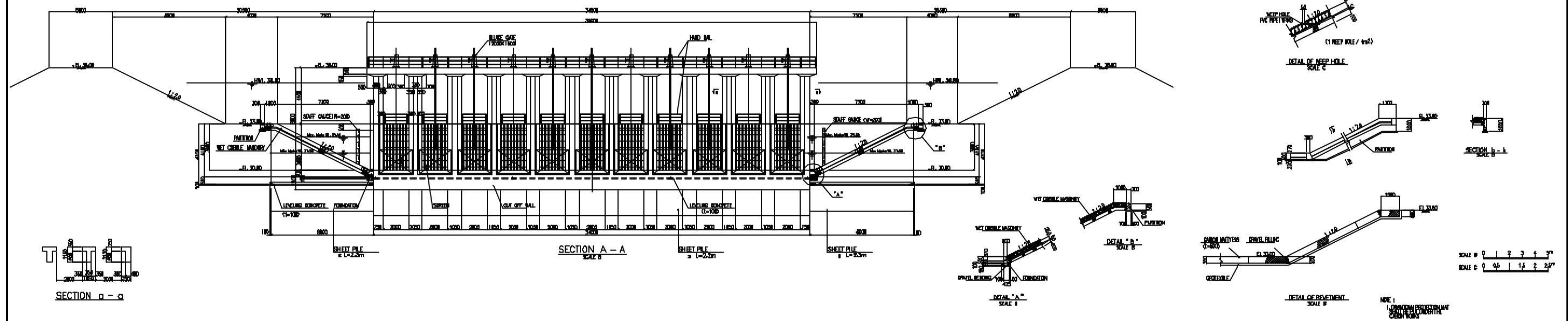


THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING			
INTAKE(2/7)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			

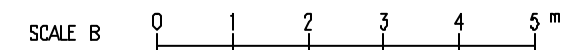
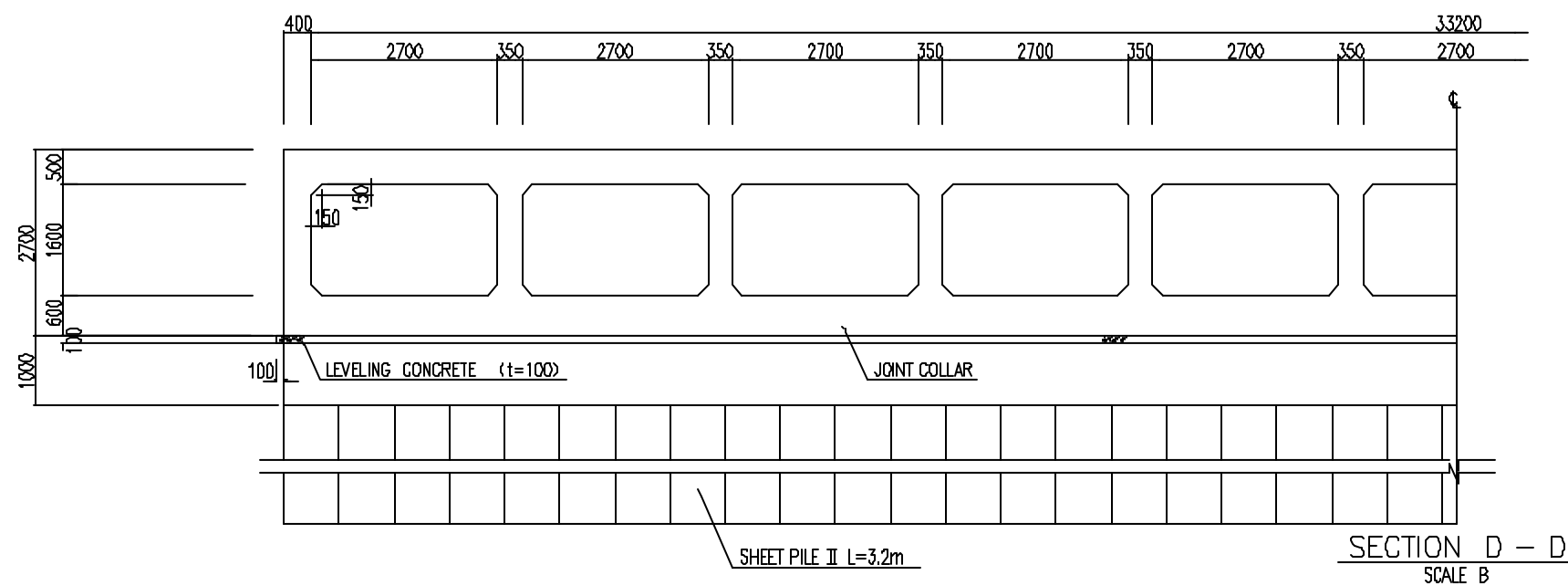
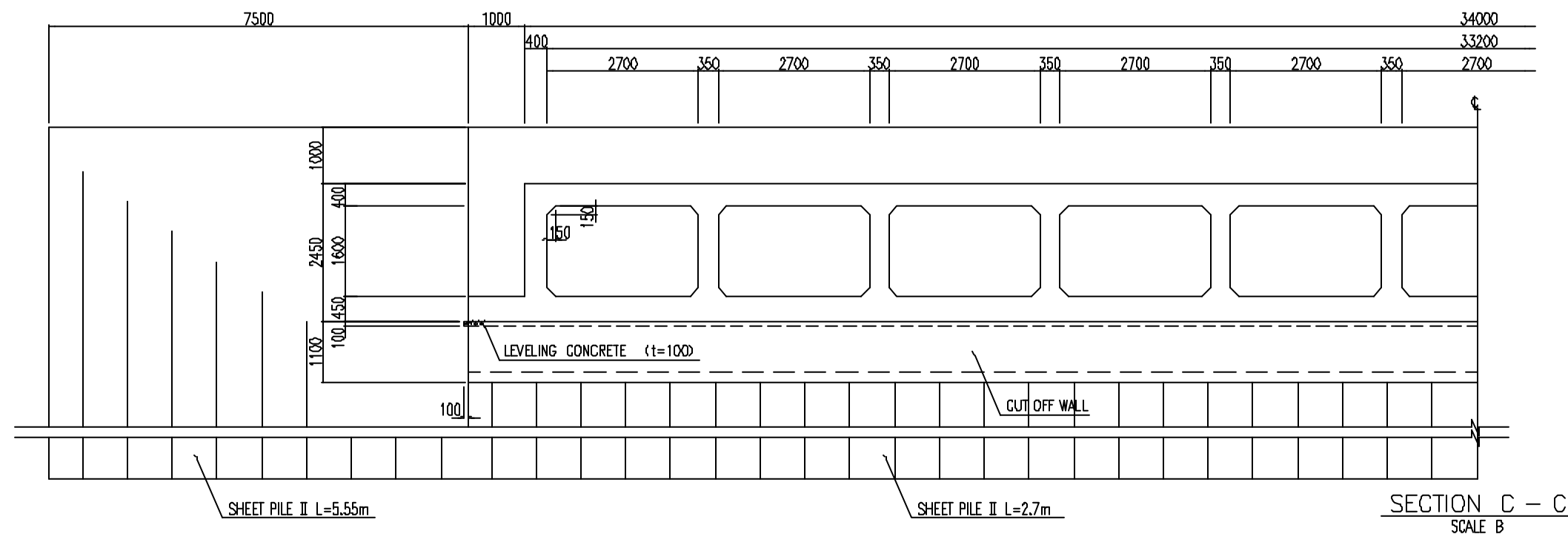
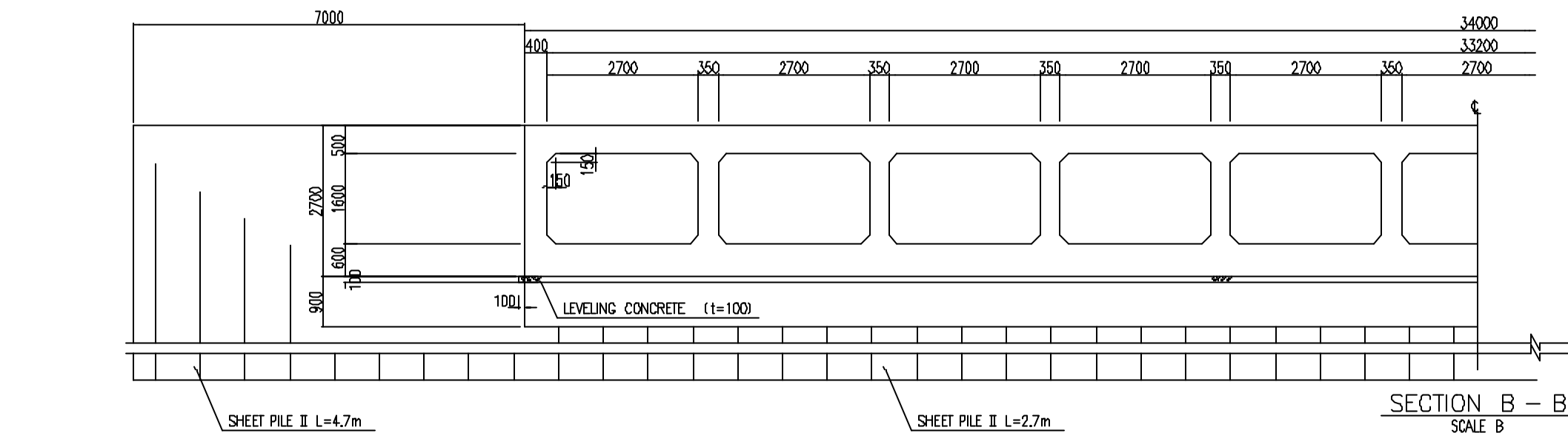


SCALE B 0 1 2 3 4 5m

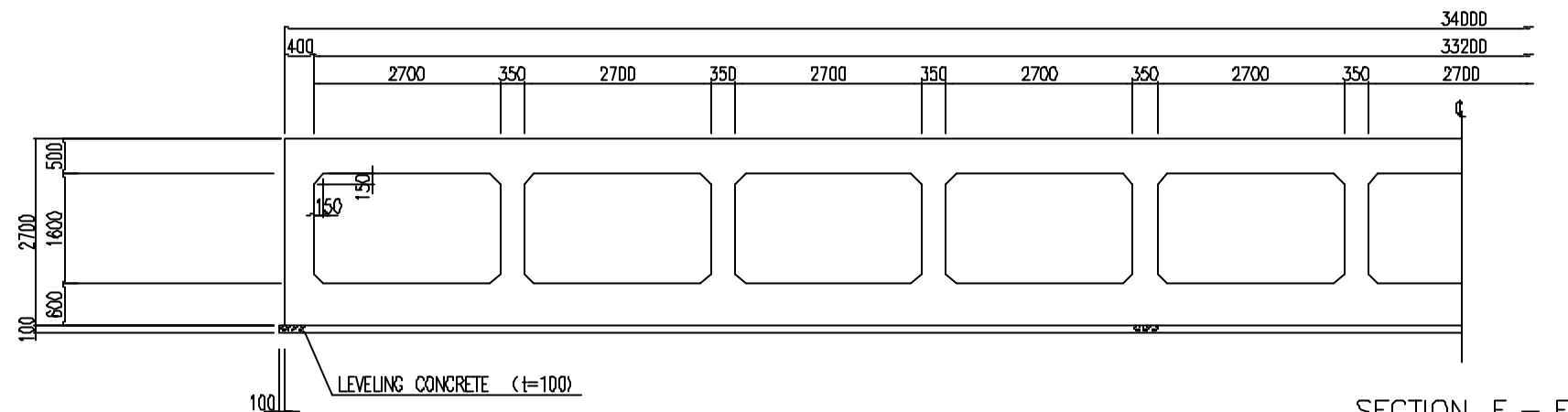
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING INTAKE (4/7)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



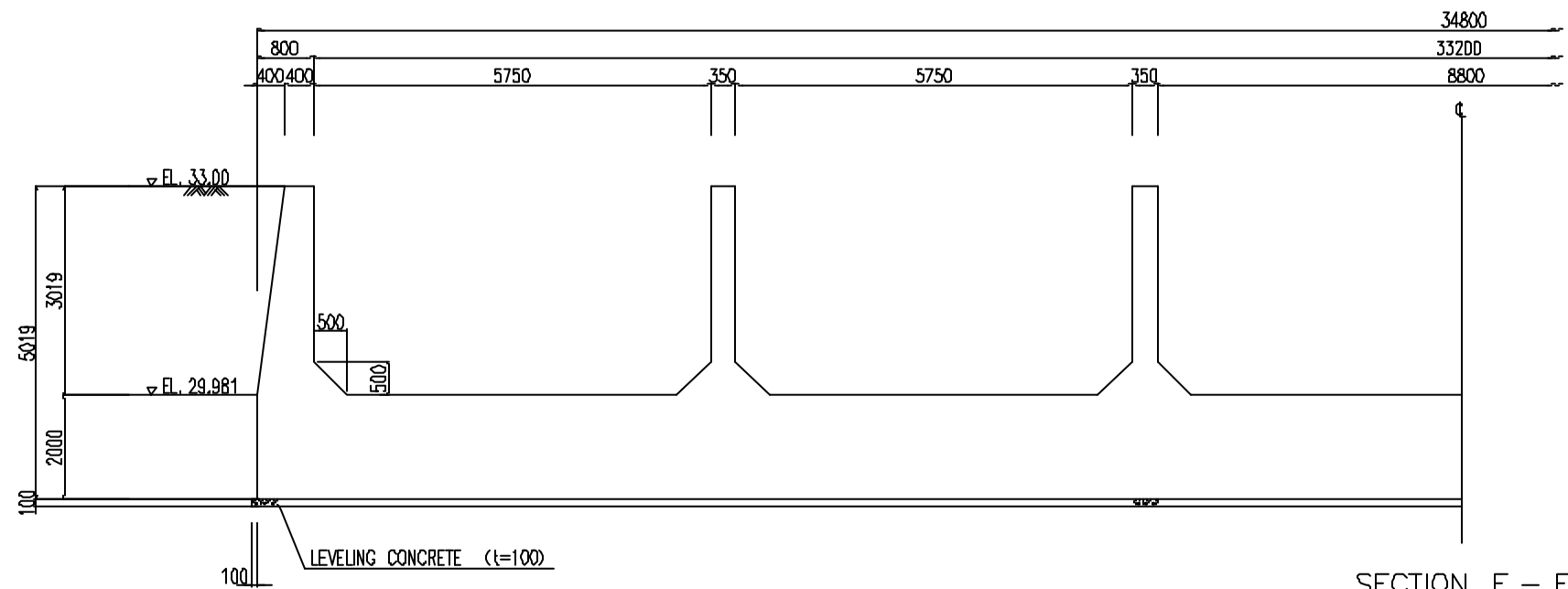
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING INTAKE(5/7)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



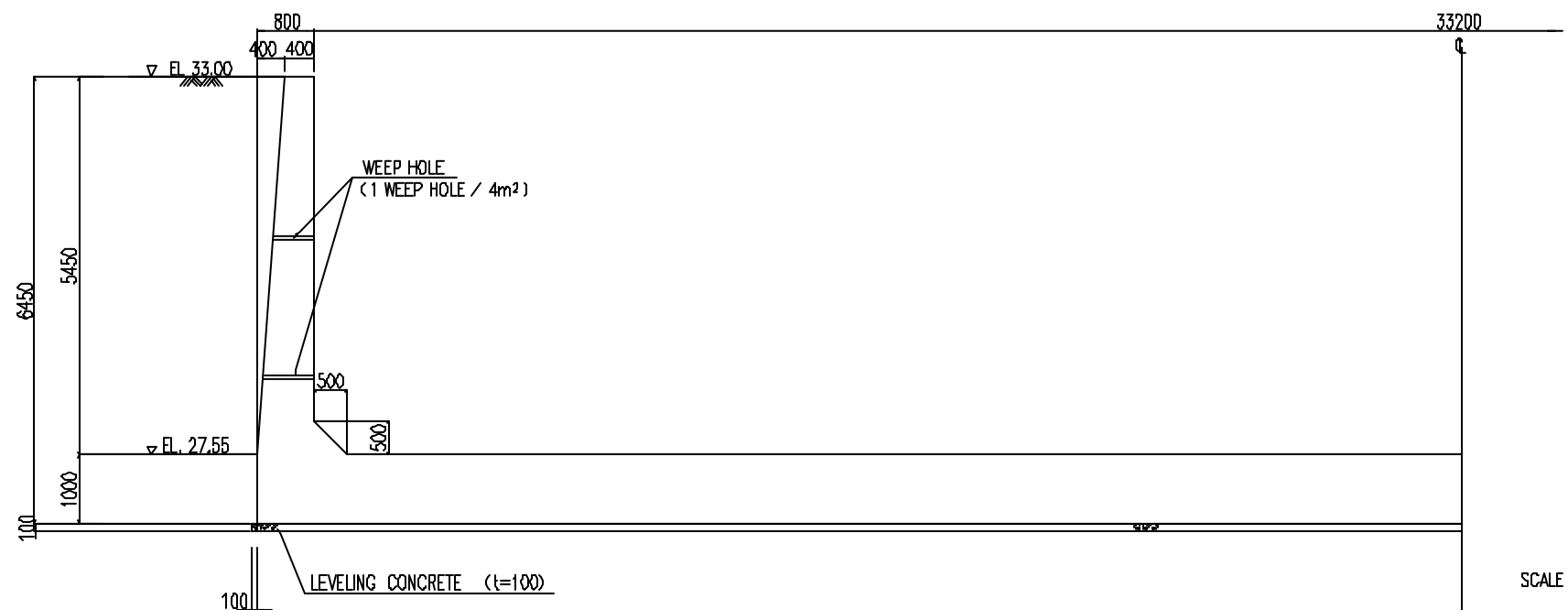
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING INTAKE(6/7)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



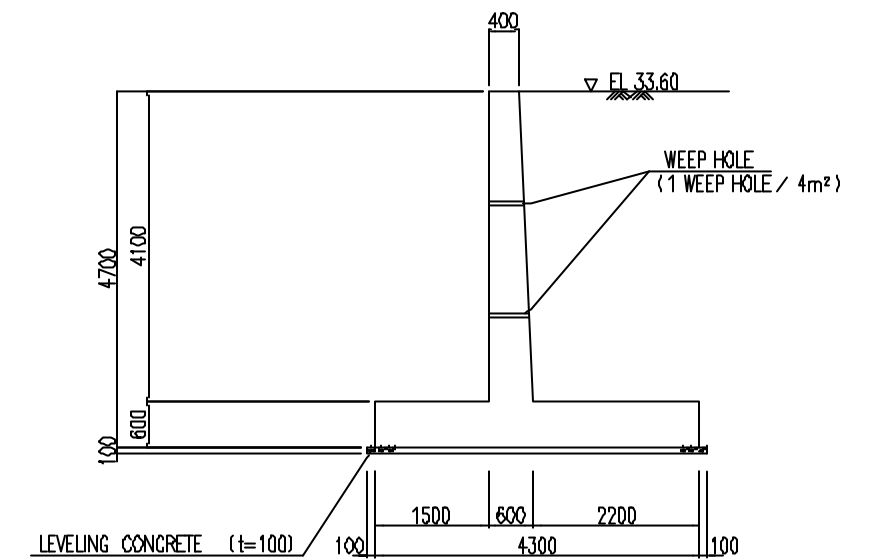
SECTION E - E
SCALE B



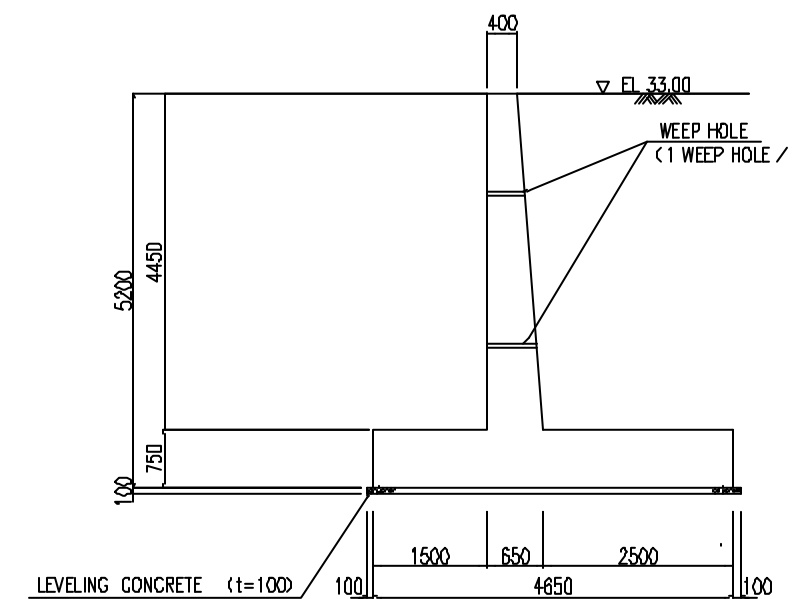
SECTION F - F
SCALE B



SECTION G - G
SCALE B



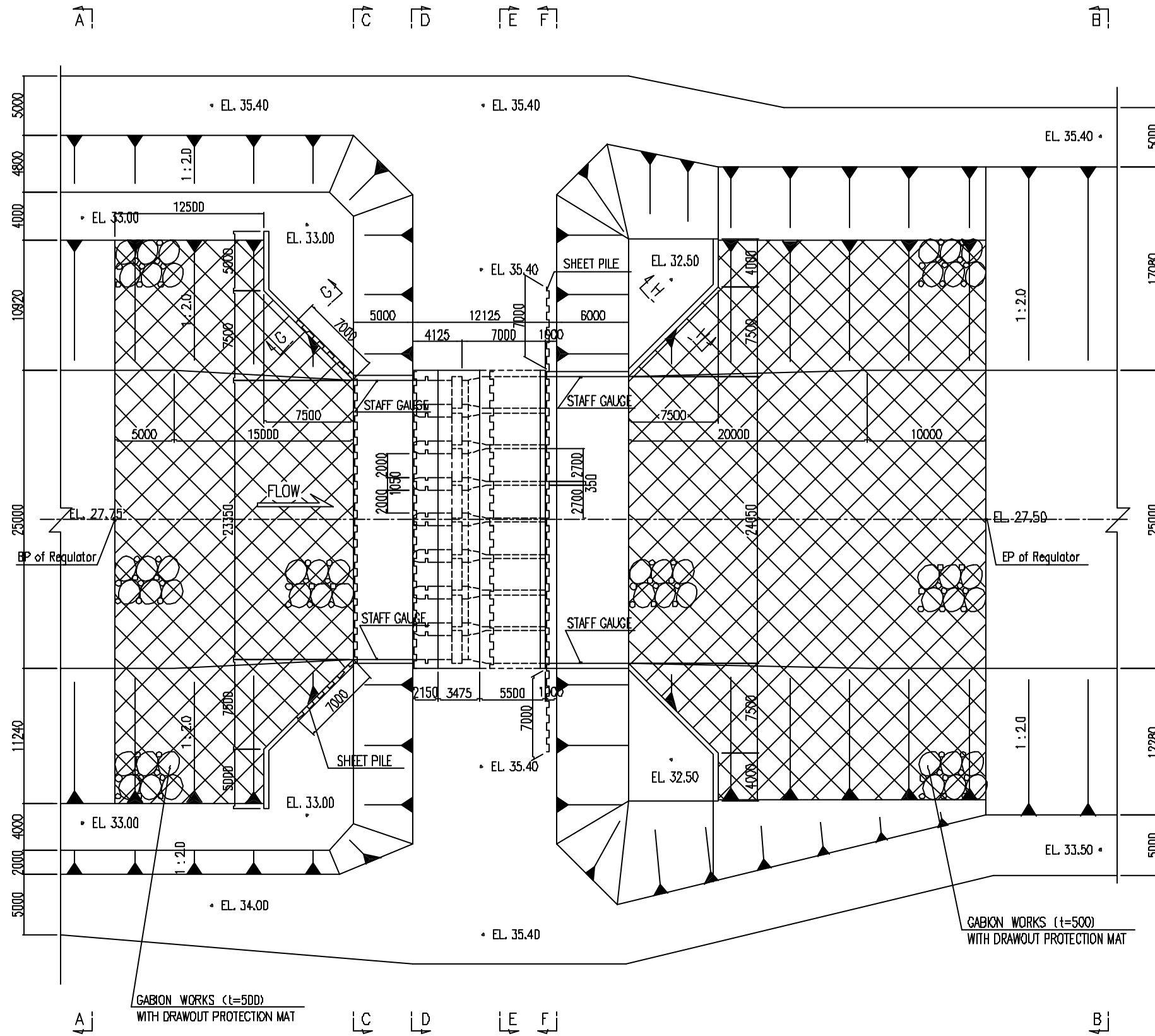
SECTION H - H
SCALE B



SECTION I - I
SCALE B



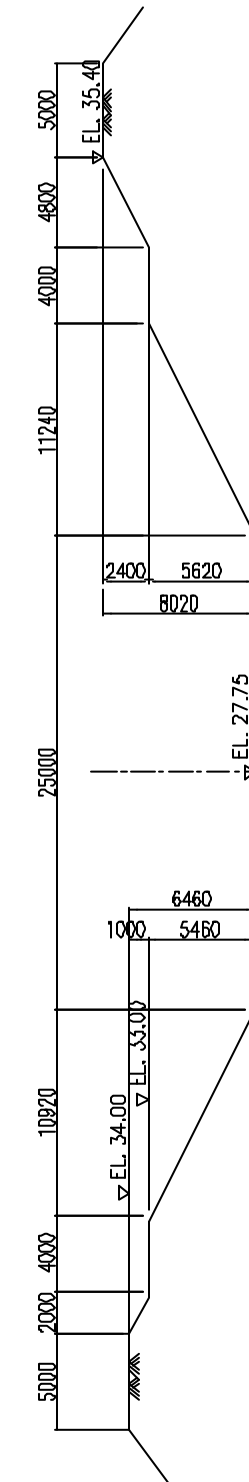
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING INTAKE(7/7)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



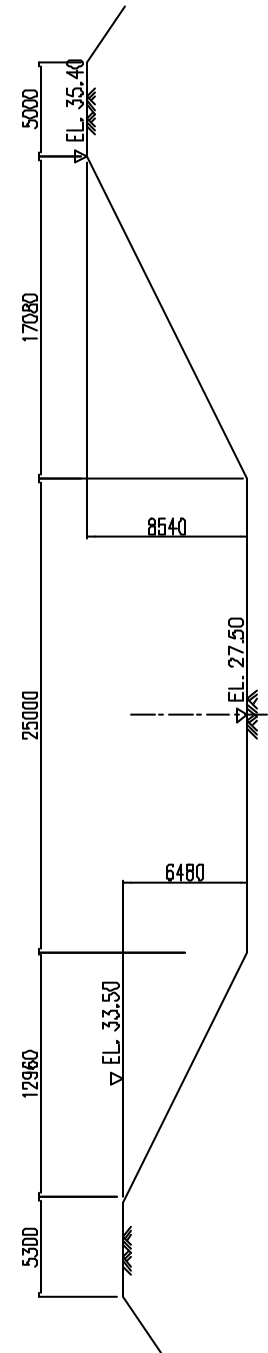
GENERAL PLAN

NOTE :

1. DRAWDOWN PROTECTION MAT SHALL BE PUT UNDER THE GABION WORKS



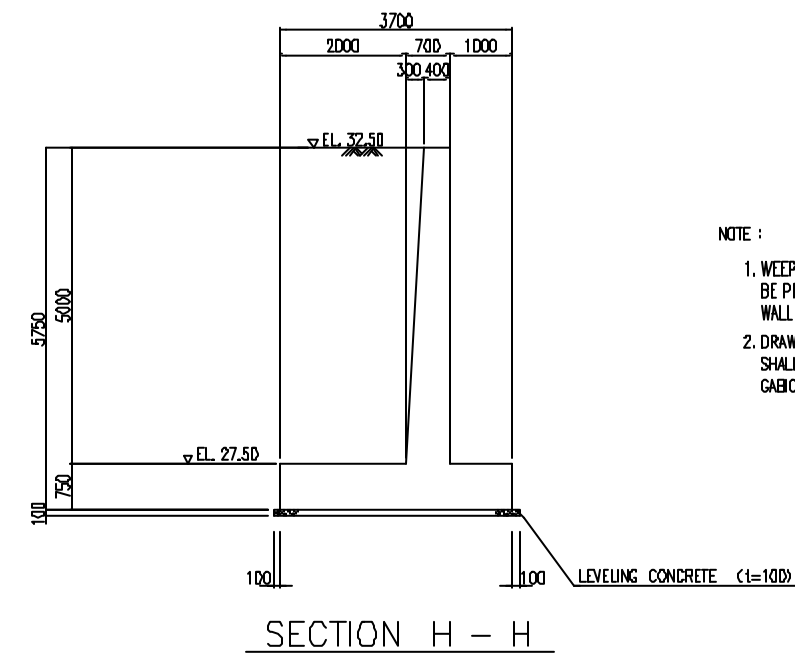
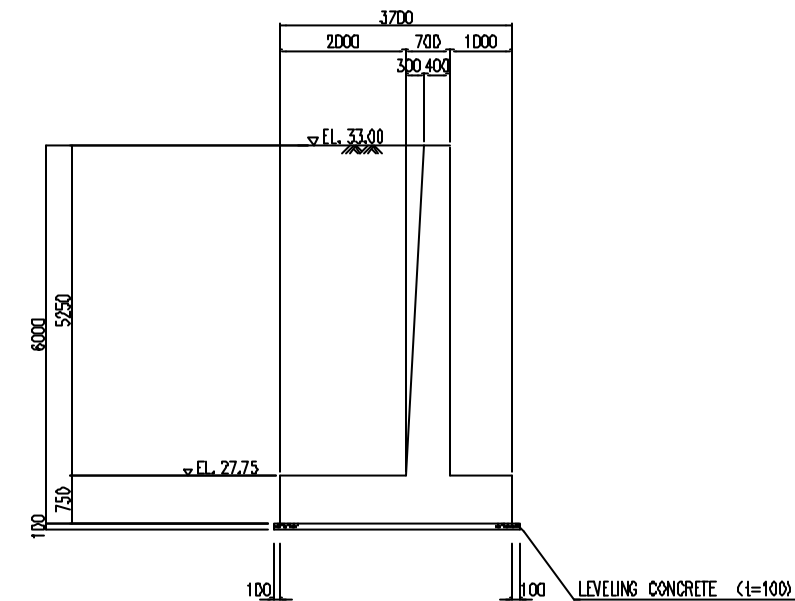
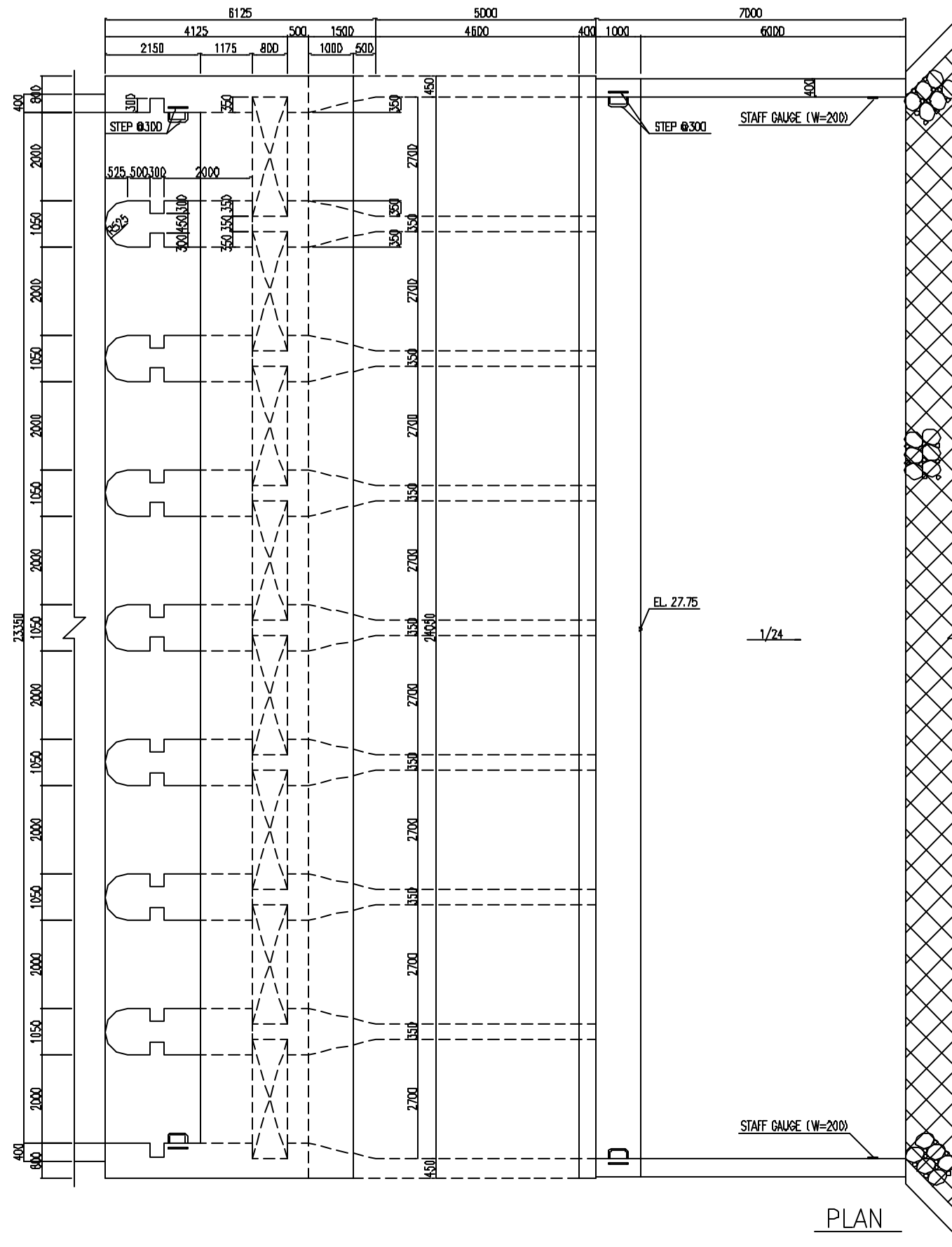
SECTION A - A
SCALE A



SECTION B - B
SCALE A



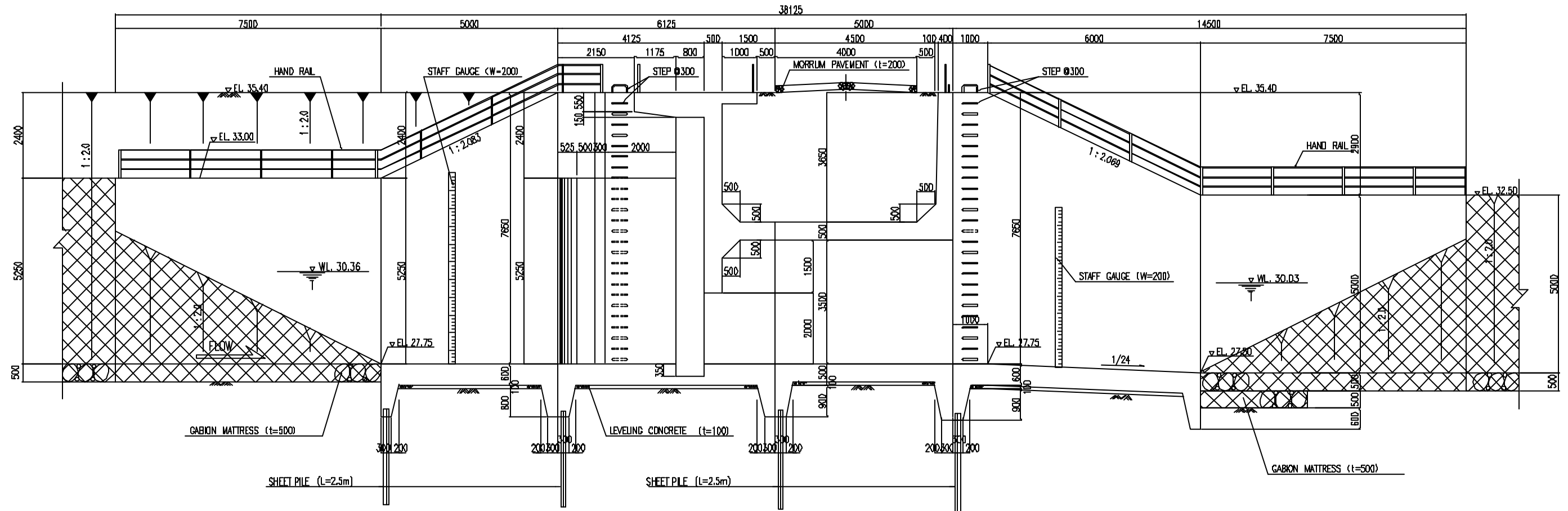
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING REGULATOR(1/5)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



- NOTE :
1. WEEP HOLE WITH DAVE SHALL BE PROVIDED ON THE RETAINING WALL WITH ONE NUMBER PER 4.0 m²
 2. DRAWDOWN PROTECTION MAT SHALL BE PUT UNDER THE GABION WORKS

SCALE 1:120 0 1 2 3 4 5 m

THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING REGULATOR(2/5)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



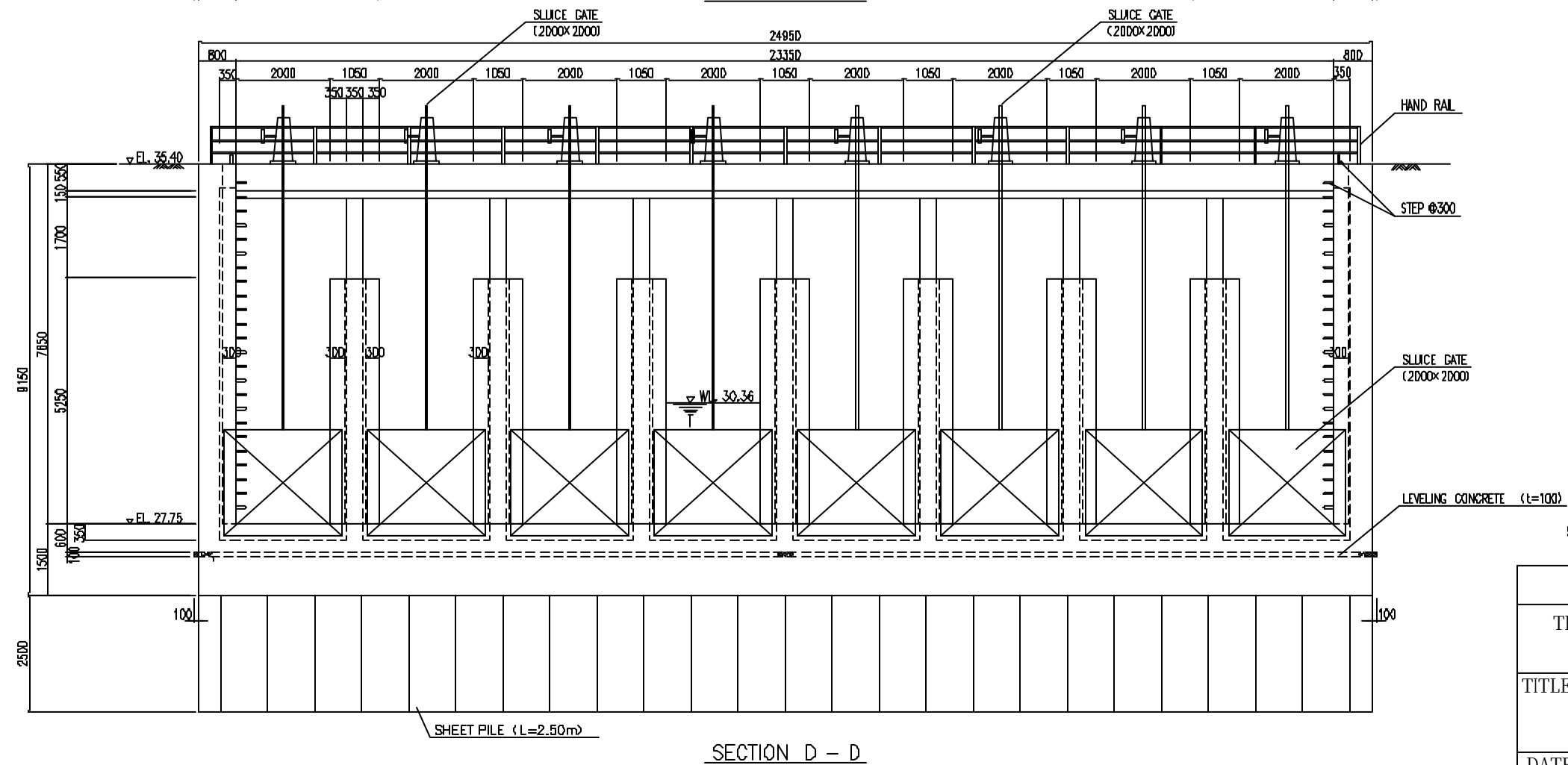
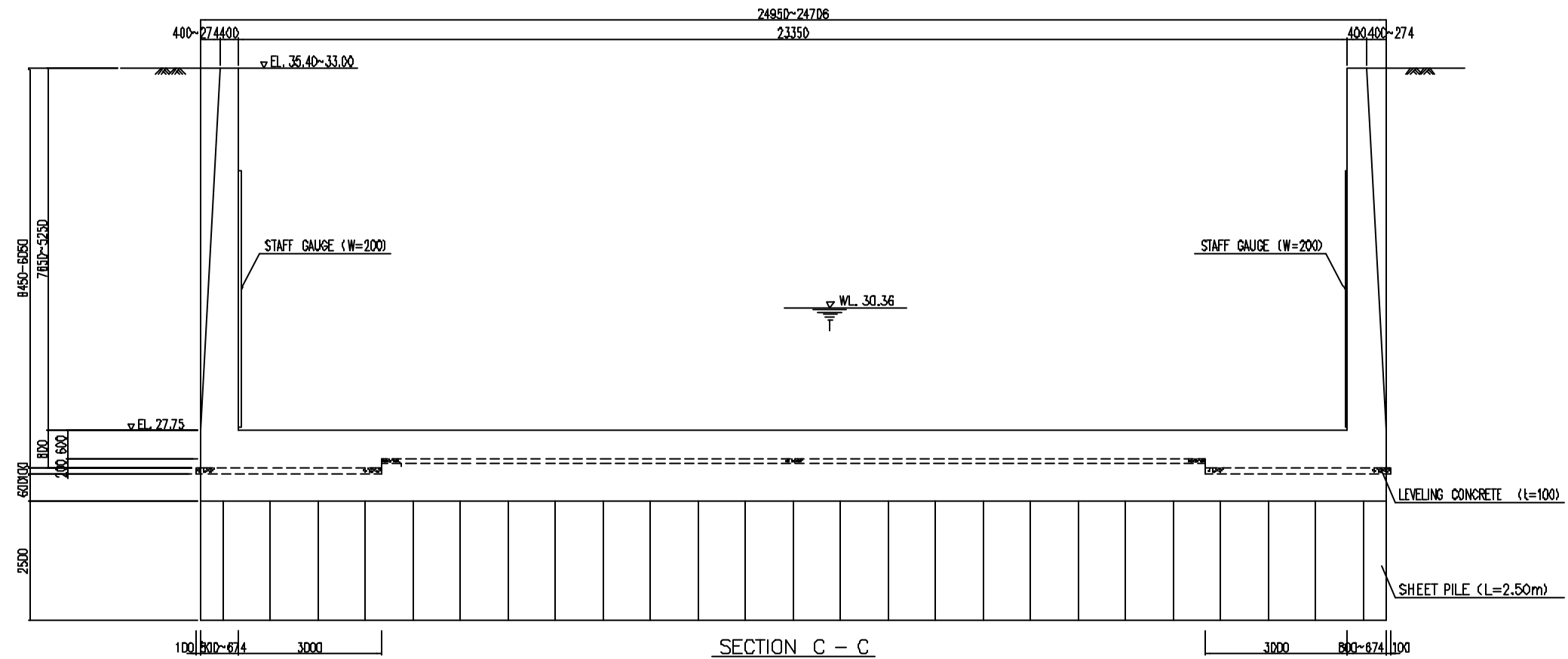
PROFILE

NOTE :

1. DRAWDOWN PROTECTION MAT SHALL BE PUT UNDER THE GABION WORKS

SCALE 1:120 0 1 2 3 4 5 m

THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING REGULATOR(3/5)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



SCALE 1:120



0 1 2 3 4 5 m

THE REPUBLIC OF MOZAMBIQUE

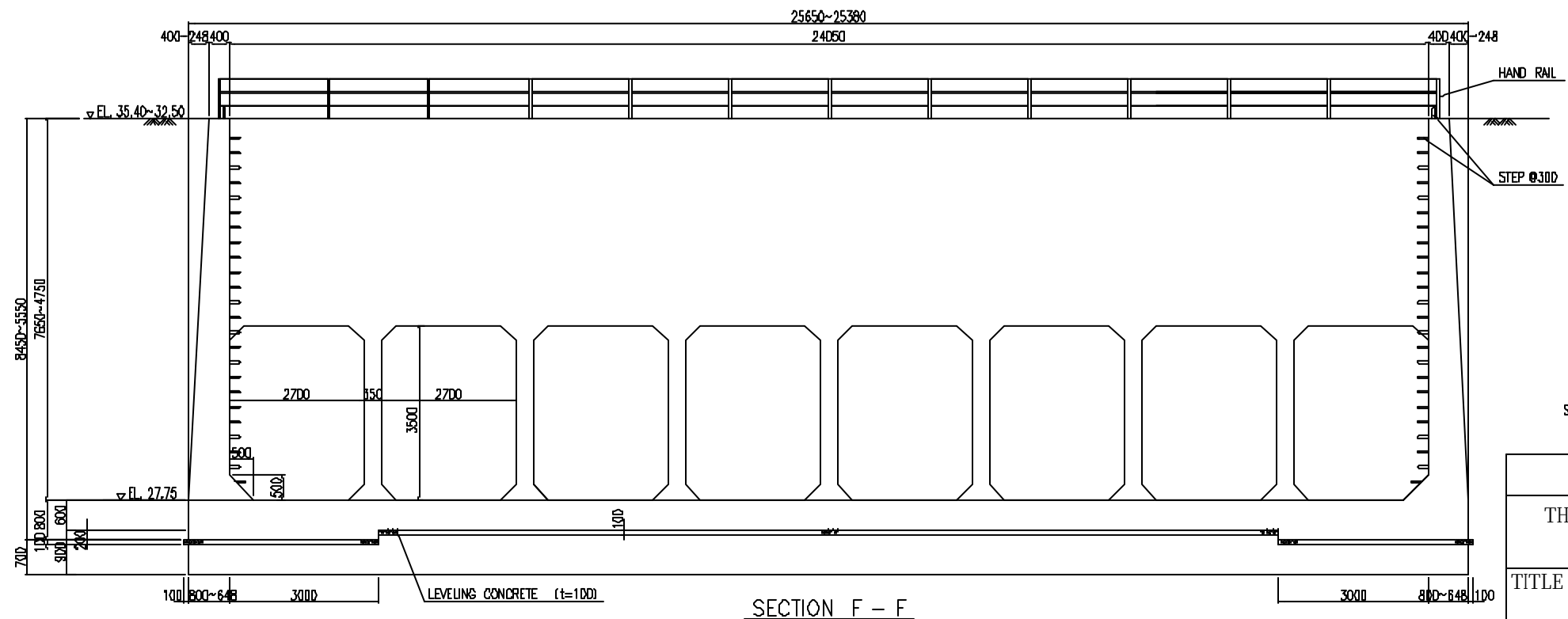
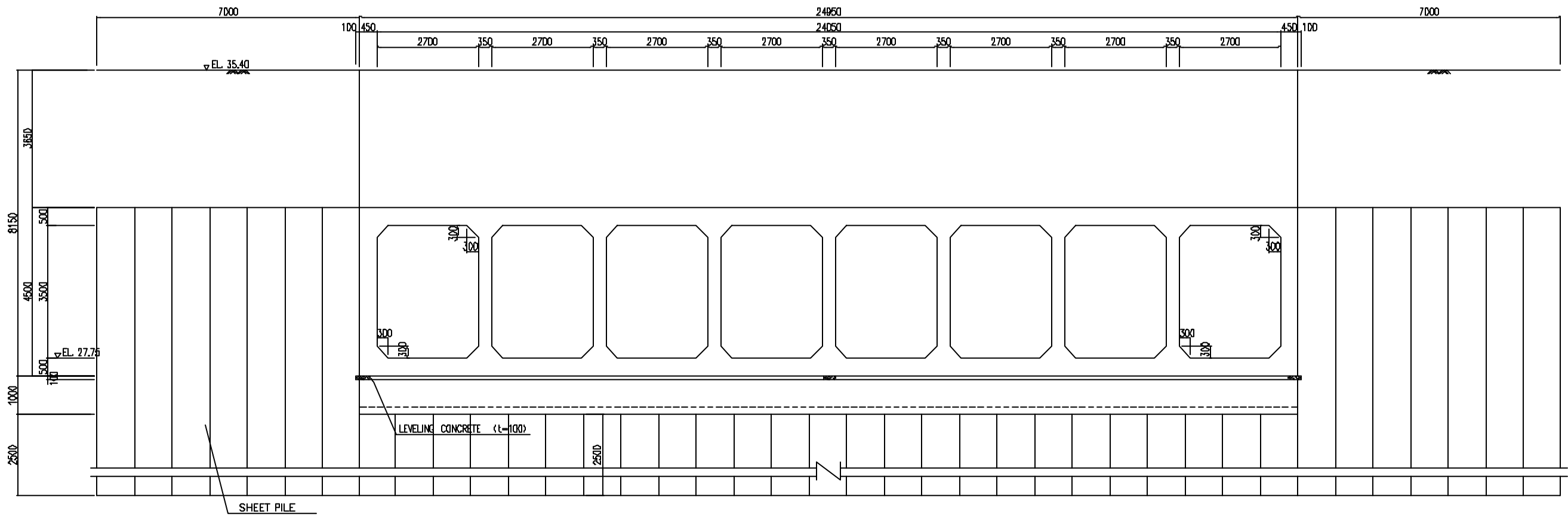
THE PROJECT FOR REHABILITATION OF
CHOKWE IRRIGATION SCHEME

TITLE OF DRAWING

REGULATOR(4/5)

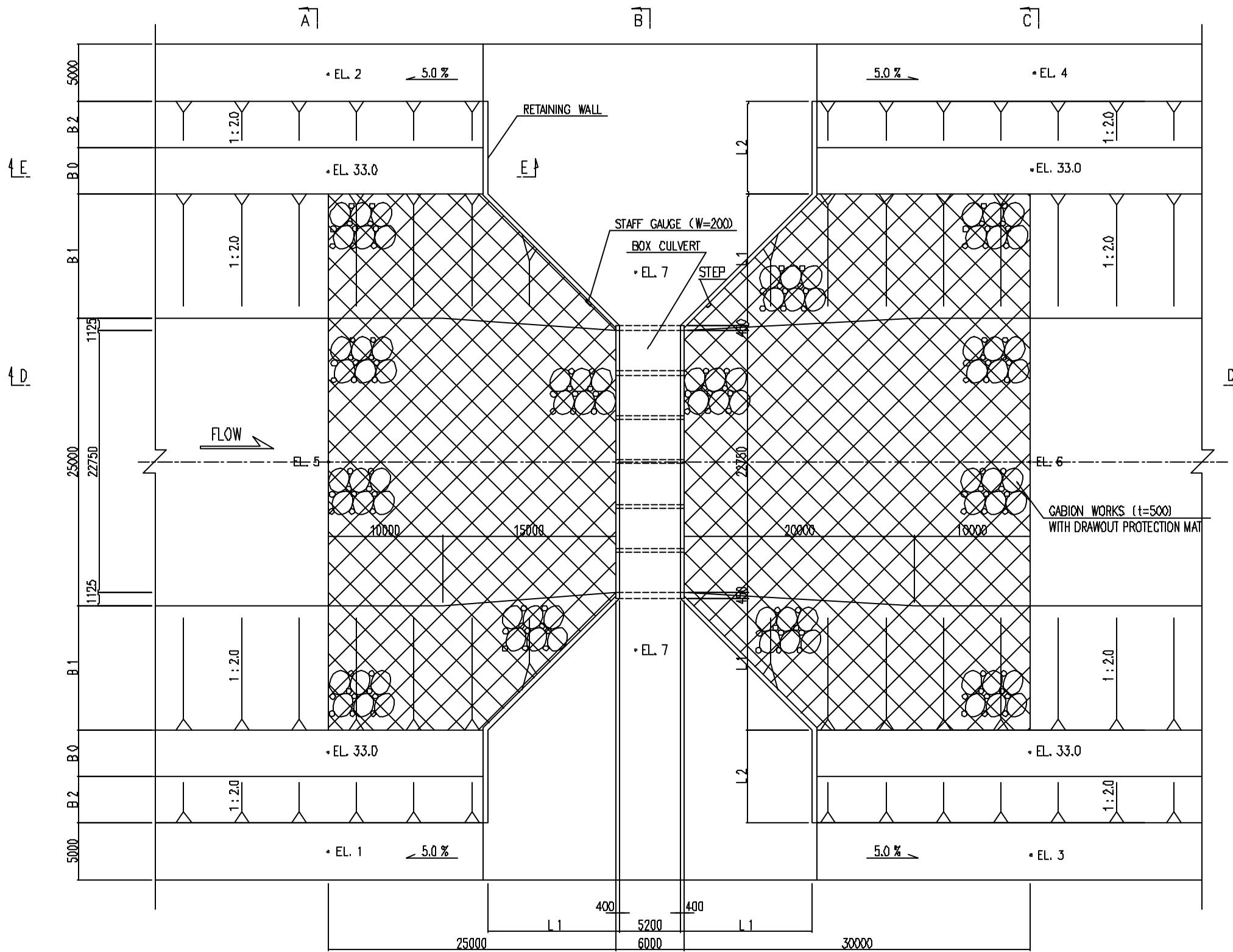
DATE		DRAWING NO.	
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NIPPON KOEI CO., LTD., JAPAN

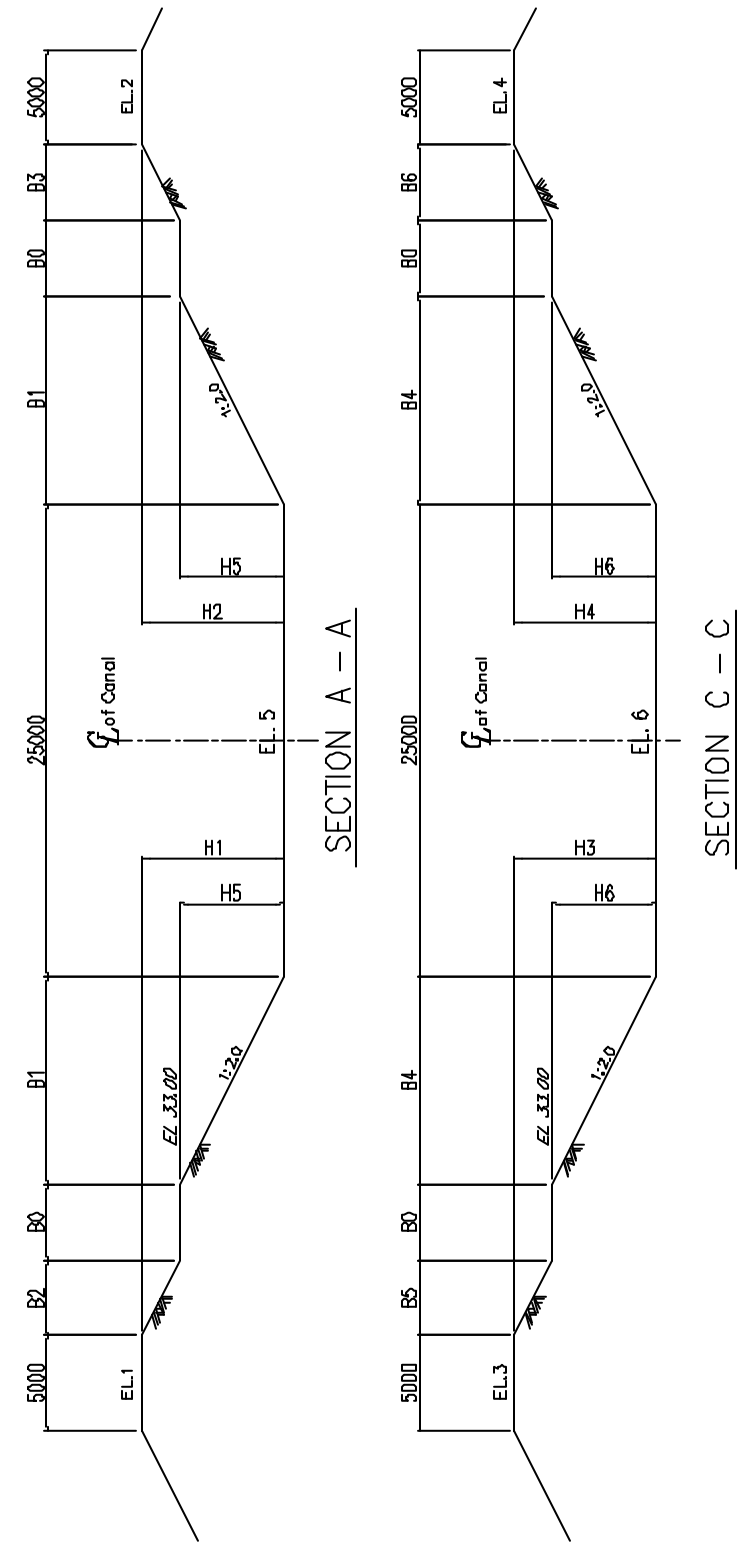


SCALE 1:120 0 1 2 3 4 5 m

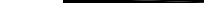
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING REGULATOR(5/5)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



NOTE : DRAWDOWN PROTECTION MAT
SHALL BE PUT UNDER THE
CABION WORKS



SCALE 1:400



A horizontal scale bar with three segments. The first segment is labeled '0', the second '10', and the third '20 m'. The bar is drawn with two parallel lines.

DIMENSION STRUCTURE	EL.1 (m)	EL.2 (m)	EL.3 (m)	EL.4 (m)	EL.5 (m)	EL.6 (m)	EL.7 (m)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	H6 (mm)	H7 (mm)
BOX CULVERT No.1 (4.8km)	34.85	34.84	34.80	34.55	28.15	28.10	34.85	6700	6690	6700	6450	4850	4900	6700
BOX CULVERT No.2 (14.2km)	31.04	31.37	31.02	31.21	27.05	27.00	31.37	3990	4320	4020	4210	-	-	4300

DIMENSION STRUCTURE	B0 (mm)	B1 (mm)	B2 (mm)	B3 (mm)	B4 (mm)	B5 (mm)	B6 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	L5 (mm)	T1 (mm)
BOX CULVERT No.1 (4.8km)	4000	9700	3700	3680	9800	3600	3100	10450	7600	1200	2500	4500	800
BOX CULVERT No.2 (14.2km)	-	-	-	-	-	-	-	9390	-	1000	2200	3900	700

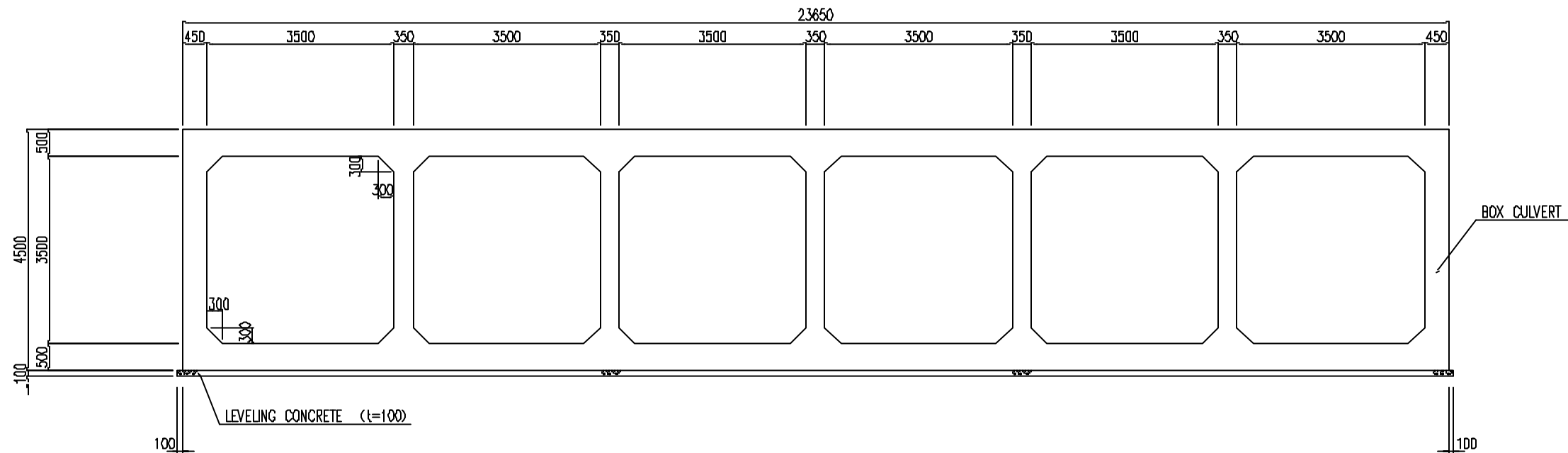
THE REPUBLIC OF MOZAMBIQUE

THE PROJECT FOR REHABILITATION OF
CHOKWE IRRIGATION SCHEME

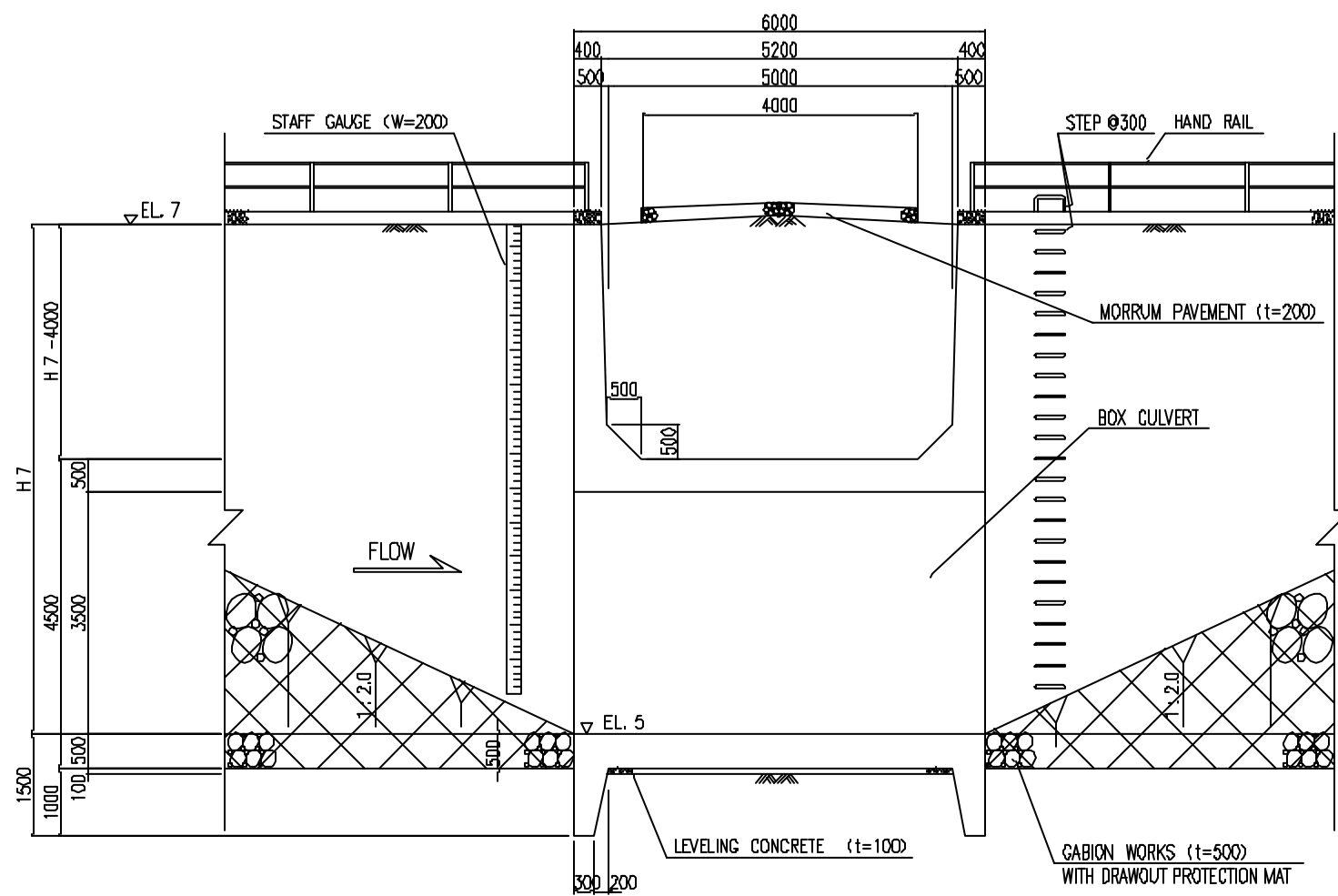
TITLE OF DRAWING

BOX CULVERT(1/2)

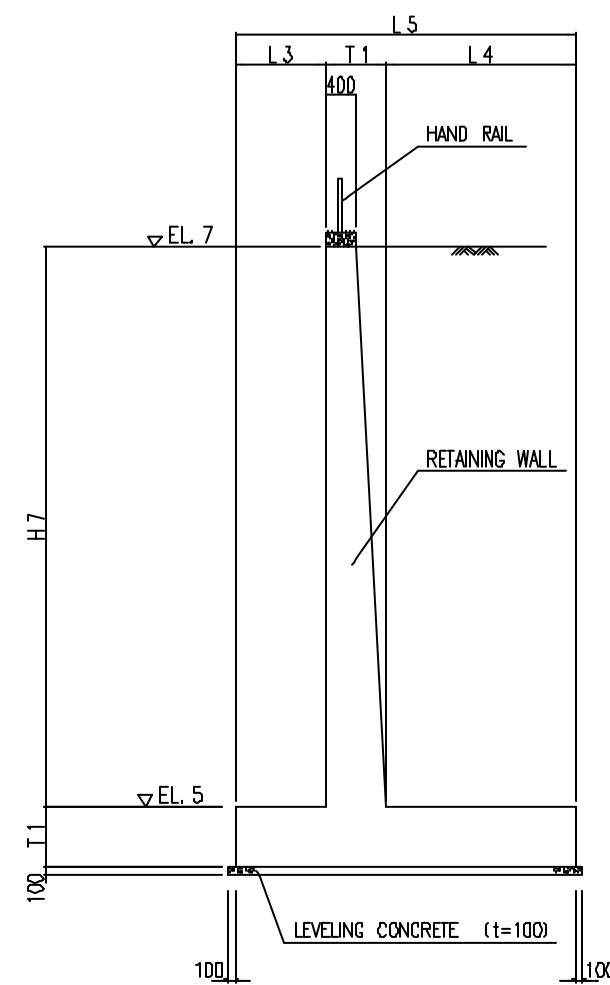
DATE		DRAWING NO.
NIPPON KOEI CO., LTD., JAPAN		



SECTION B - B



SECTION D - D



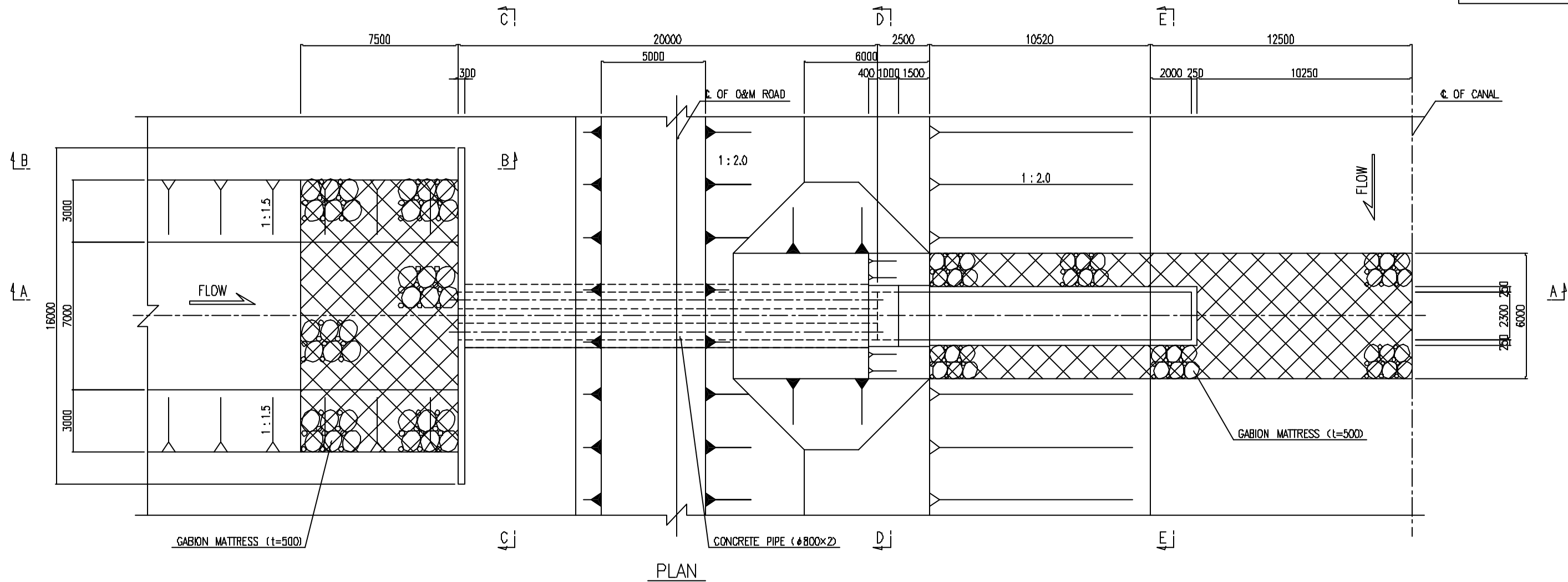
SECTION E - E

NOTE :

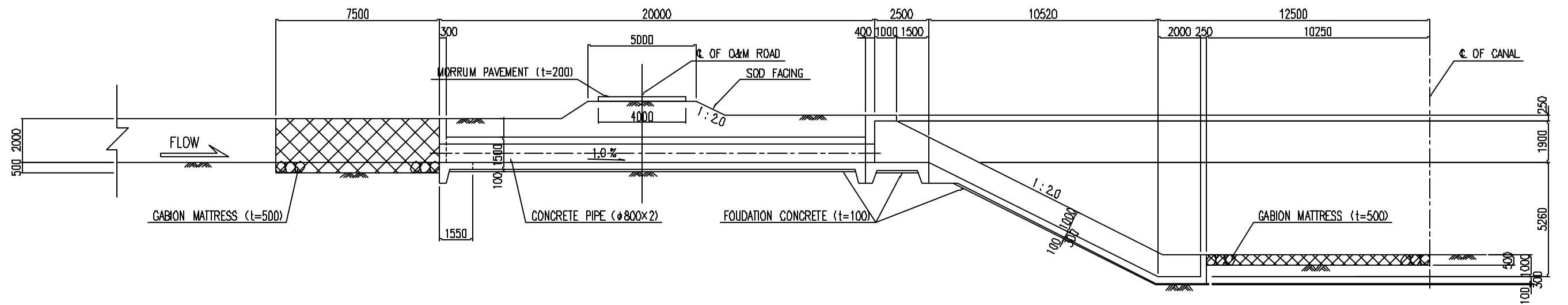
1. WEEP HOLE WITH DAIWE SHALL BE PROVIDED ON THE RETAINING WALL WITH AT LEAST ONE NUMBER PER 4.0 m²
2. DRAWDOWN PROTECTION MAT SHALL BE PUT UNDER THE GABION WORKS

SCALE 1:100 0 1 2 3 4 5m

THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING BOX CULVERT(2/2)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



PLAN



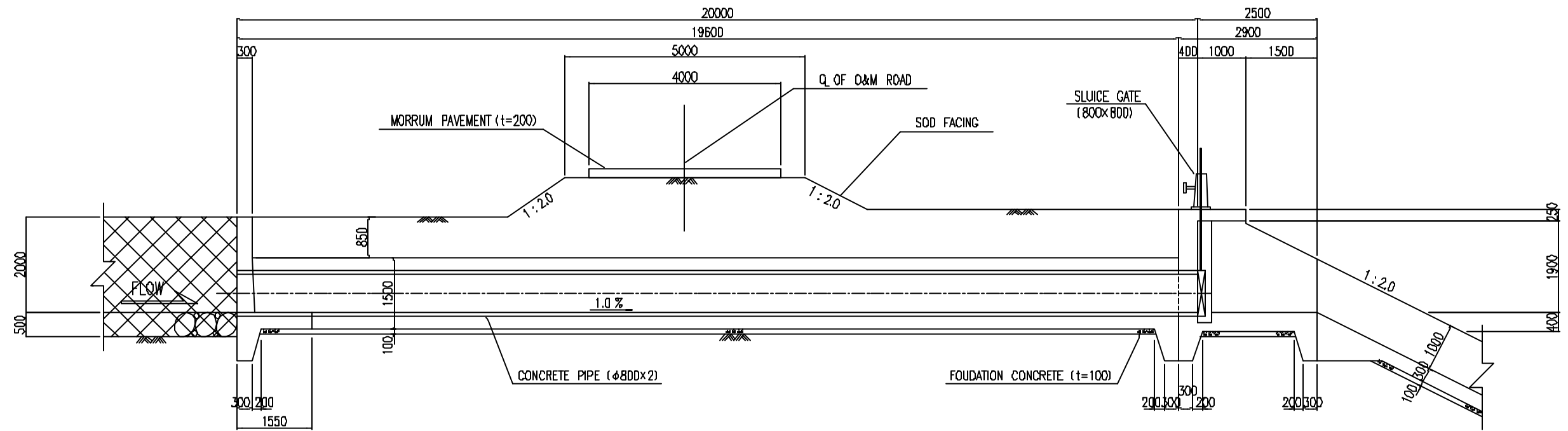
PROFILE

SCALE 1:200

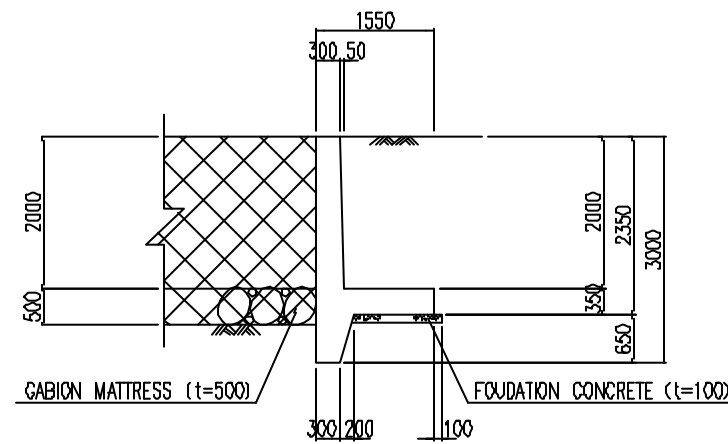
NOTE :

1. DRAWDOWN PROTECTION MAT SHALL BE PUT UNDER THE GABION WORKS

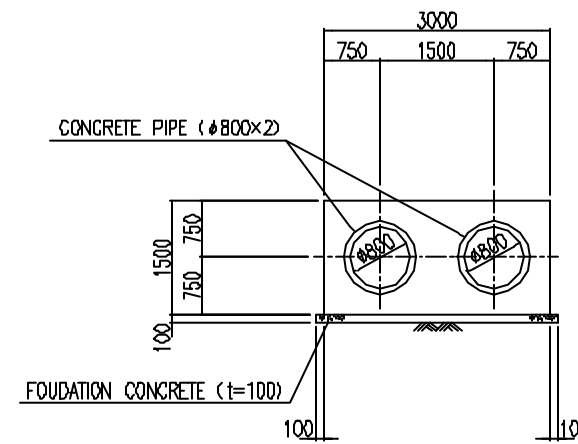
THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING			
DRAIN INLET(1/2)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			



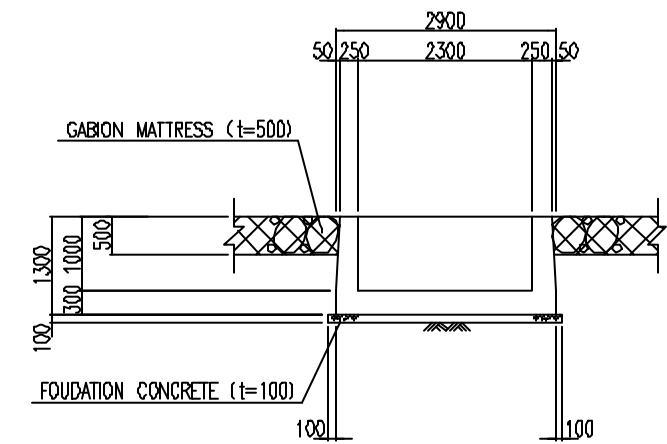
SECTION A - A



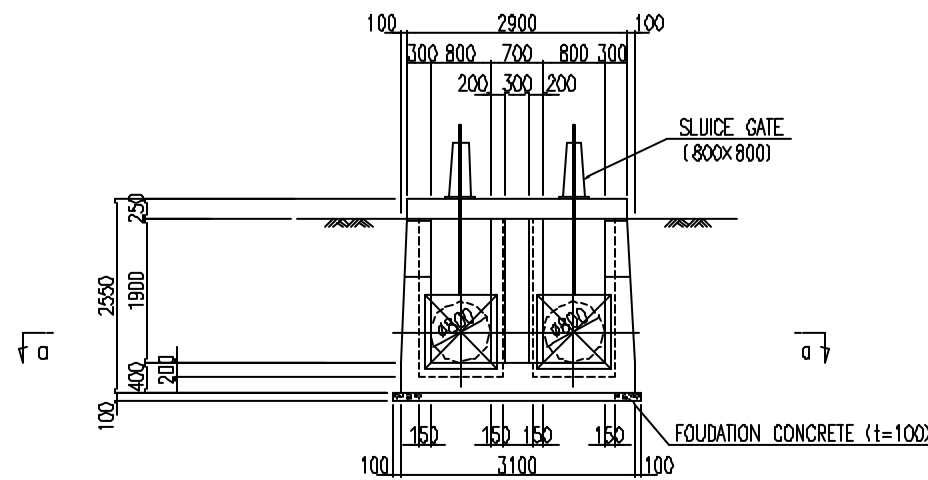
SECTION B - B



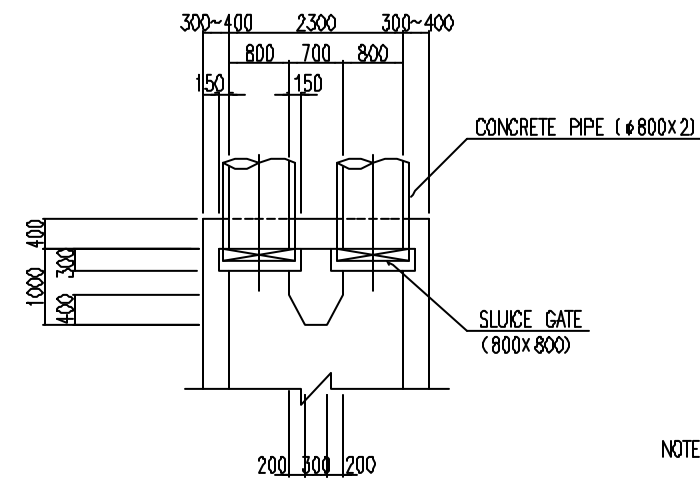
SECTION C - C



SECTION E - E



SECTION D - D



SECTION a - a

NOTE :
1. DRAWDOWN PROTECTION MAT SHALL BE PUT UNDER THE GABION WORKS

SCALE 1:100 0 1 2 3 4 5 m

THE REPUBLIC OF MOZAMBIQUE			
THE PROJECT FOR REHABILITATION OF CHOKWE IRRIGATION SCHEME			
TITLE OF DRAWING DRAIN INLET(2/2)			
DATE		DRAWING NO.	
NIPPON KOEI CO., LTD., JAPAN			