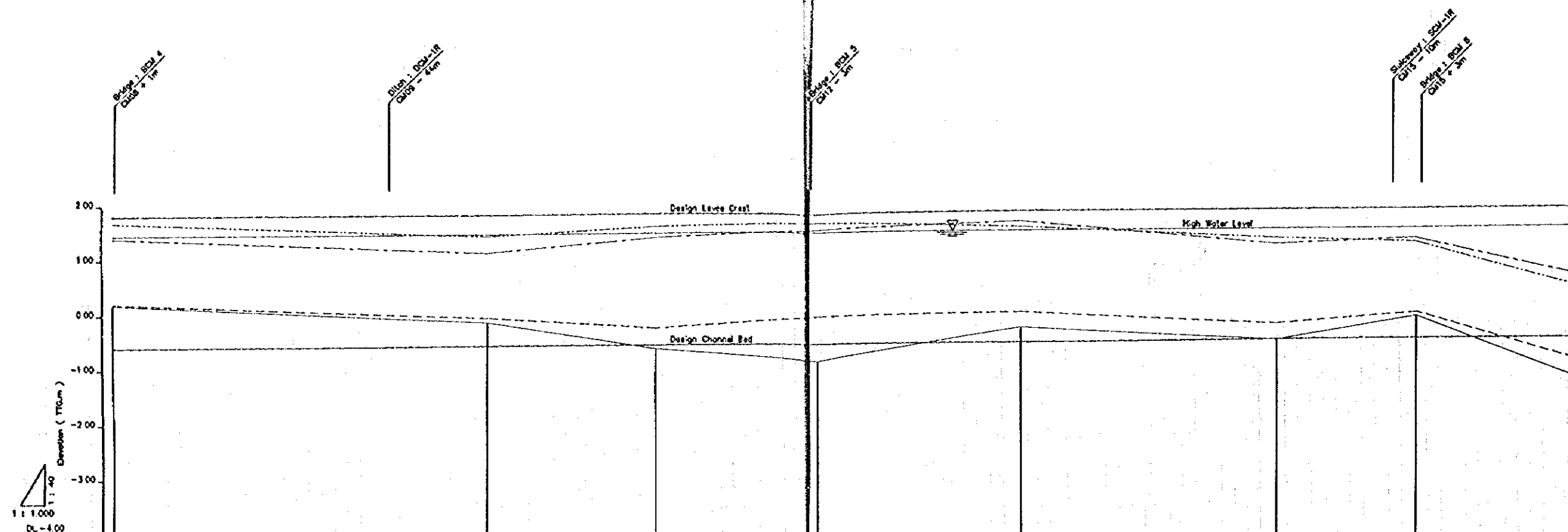


- NOTES:
- (1) Datum Level : Mean Sea Level (TTC)
 - (2) Left Bank Profile :
 - (3) Right Bank Profile :
 - (4) Mean Channel Bed :
 - (5) Lowest Bottom :

REFERENCE	CH NO.	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, PROFILE, SALURAN CENGKARENG DRAINAGE CHANNEL (1/77)	APPROVED
		CHECKED	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG NO. J-10-20-601	DATE
		SUBMITTED			
		DATE			

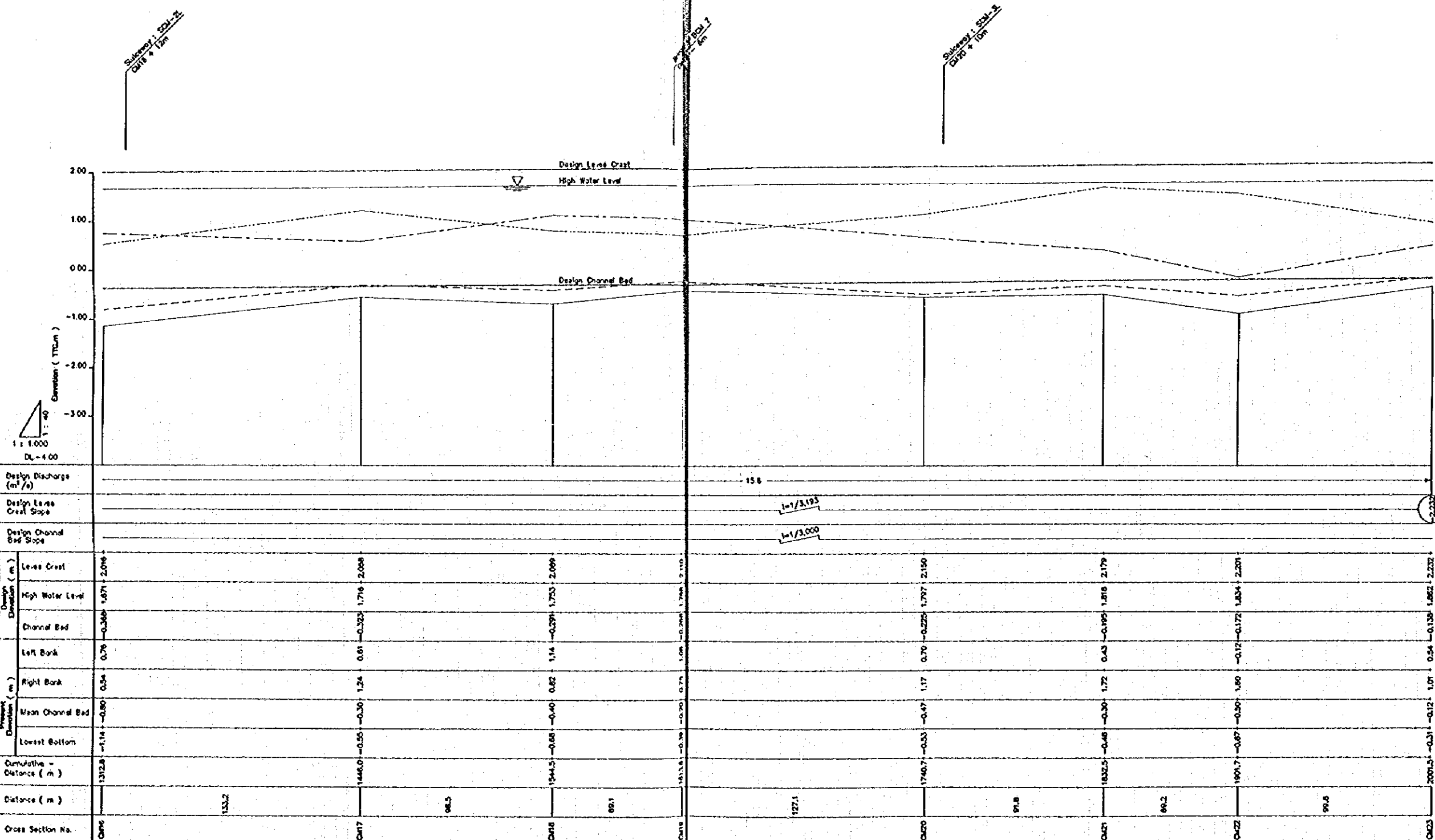


Design Discharge (m ³ /s)	17.7									
Design Level Crest Slope										
Design Channel Bed Slope										
Channel Elevation (m)	Level Crest	1.204								
	High Water Level	1.431								
	Channel Bed	-0.593								
	Left Bank	1.40								
Right Bank Elevation (m)	Right Bank	1.65								
	Mean Channel Bed	0.21								
	Lowest Bottom	0.18								
	Cumulative Distance (m)	638.0								
Distance (m)		171.6								
Cross Section No.	Q108	Q109	Q110	Q111	Q112	Q113	Q114	Q115	Q116	Q117

M22.1

- (1) Datum Level : Mean Sea Level (17C)
- (2) Left Bank Profile : -----
- (3) Right Bank Profile : -----
- (4) Mean Channel Bed : -----
- (5) Lowest Bottom : -----

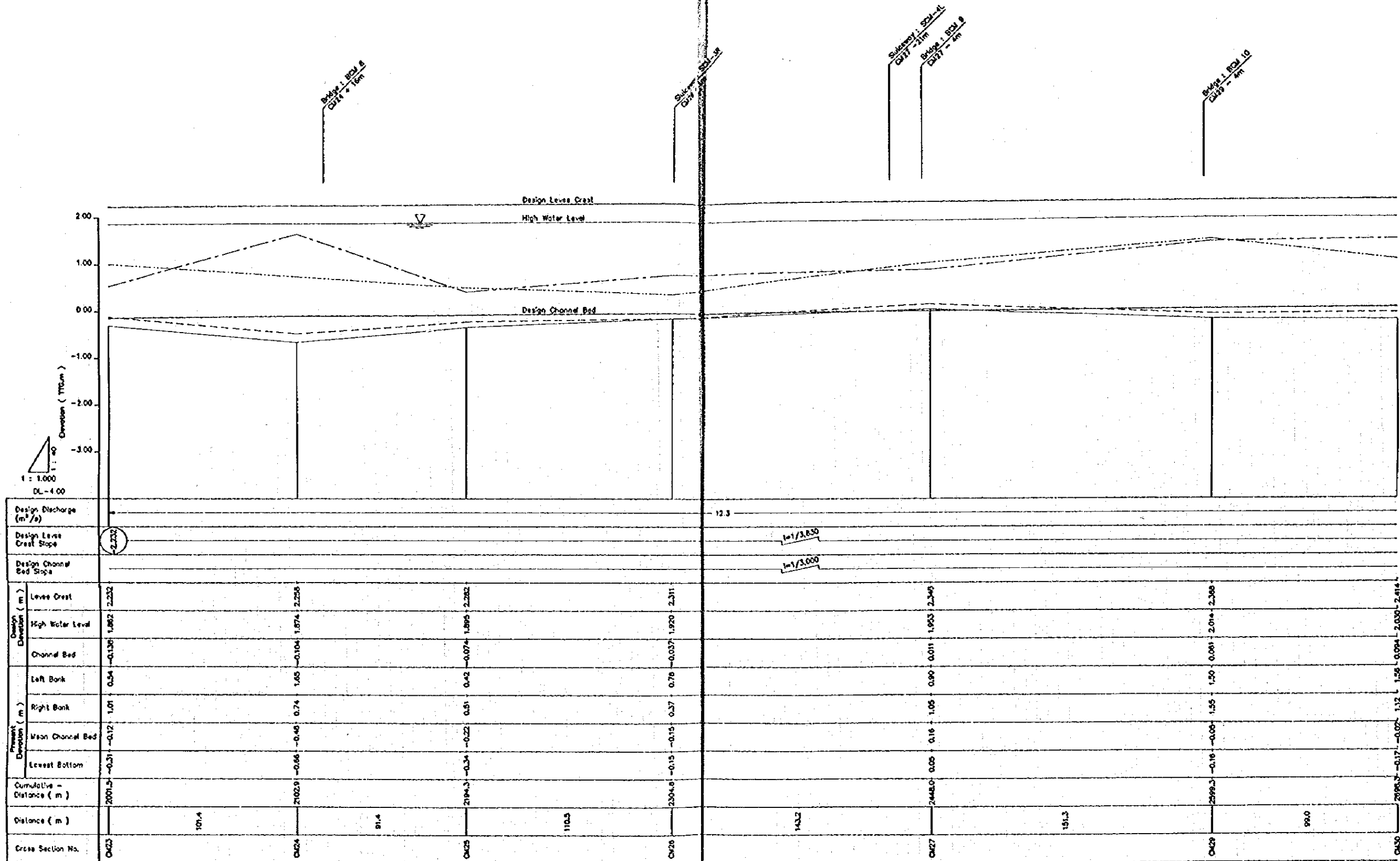
REFERENCE	C.C. NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, PROFILE, SALURAN CENGKAREJO DRAINAGE CHANNEL (2/7)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG NO. J-10-20-802	DATE
		DATE.....			



NOTES:

- (1) Datum Level : Mean Sea Level (TIG)
- (2) Left Bank Profile : -
- (3) Right Bank Profile : -
- (4) Mean Channel Bed : -
- (5) Lowest Bottom : -

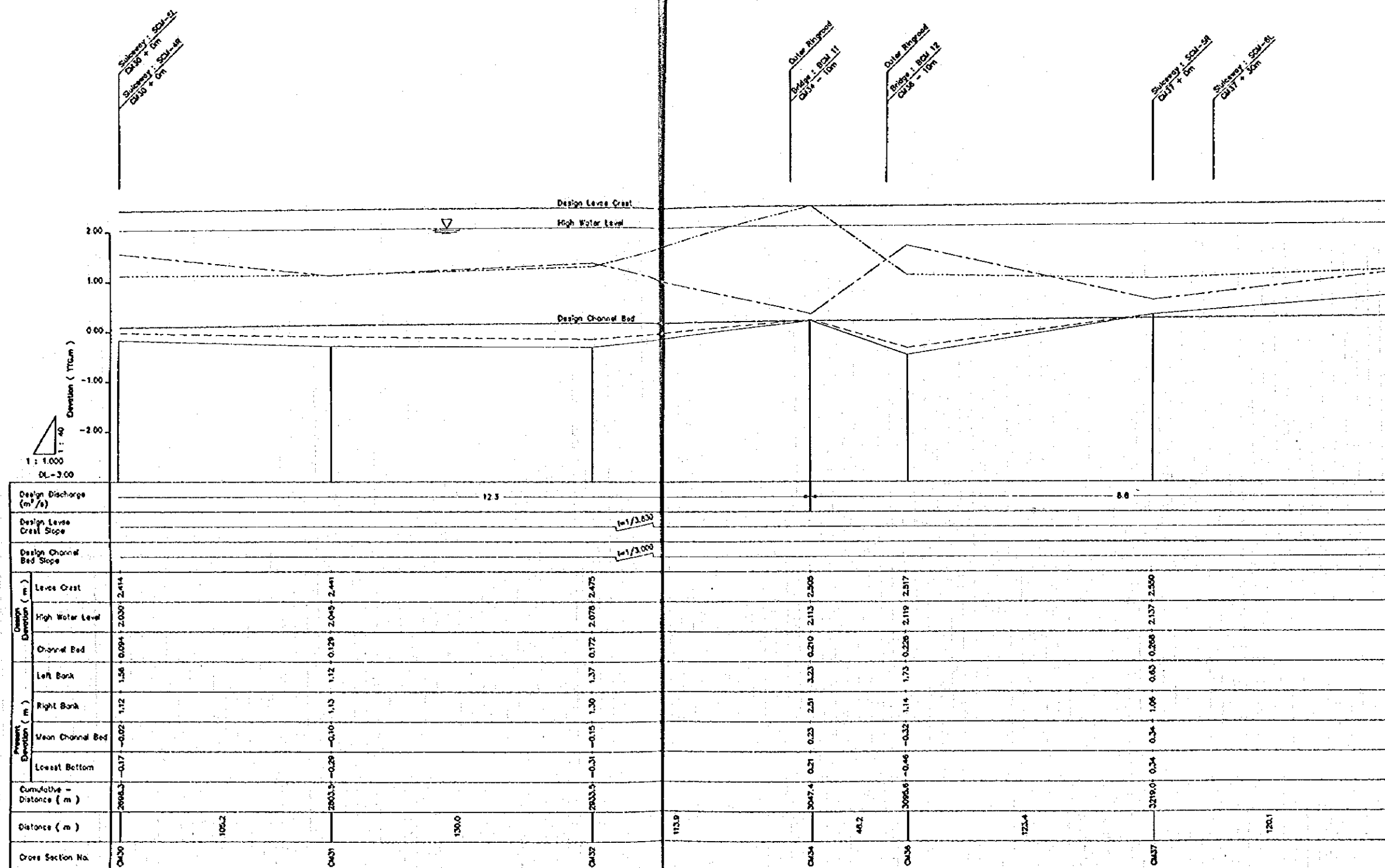
REFERENCE	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, PROFILE, SALURAN CENGKARENG DRAINAGE CHANNEL (3/7)	APPROVED
	CHECKED			
	SUBMITTED			
	DATE			
C 72 NO.	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA		DWG NO. J-10-20-803	DATE



NOTES:

- (1) Datum Level : Mean Sea Level (TTC)
- (2) Left Bank Profile : -----
- (3) Right Bank Profile : -----
- (4) Mean Channel Bed : -----
- (5) Lowest Bottom : -----

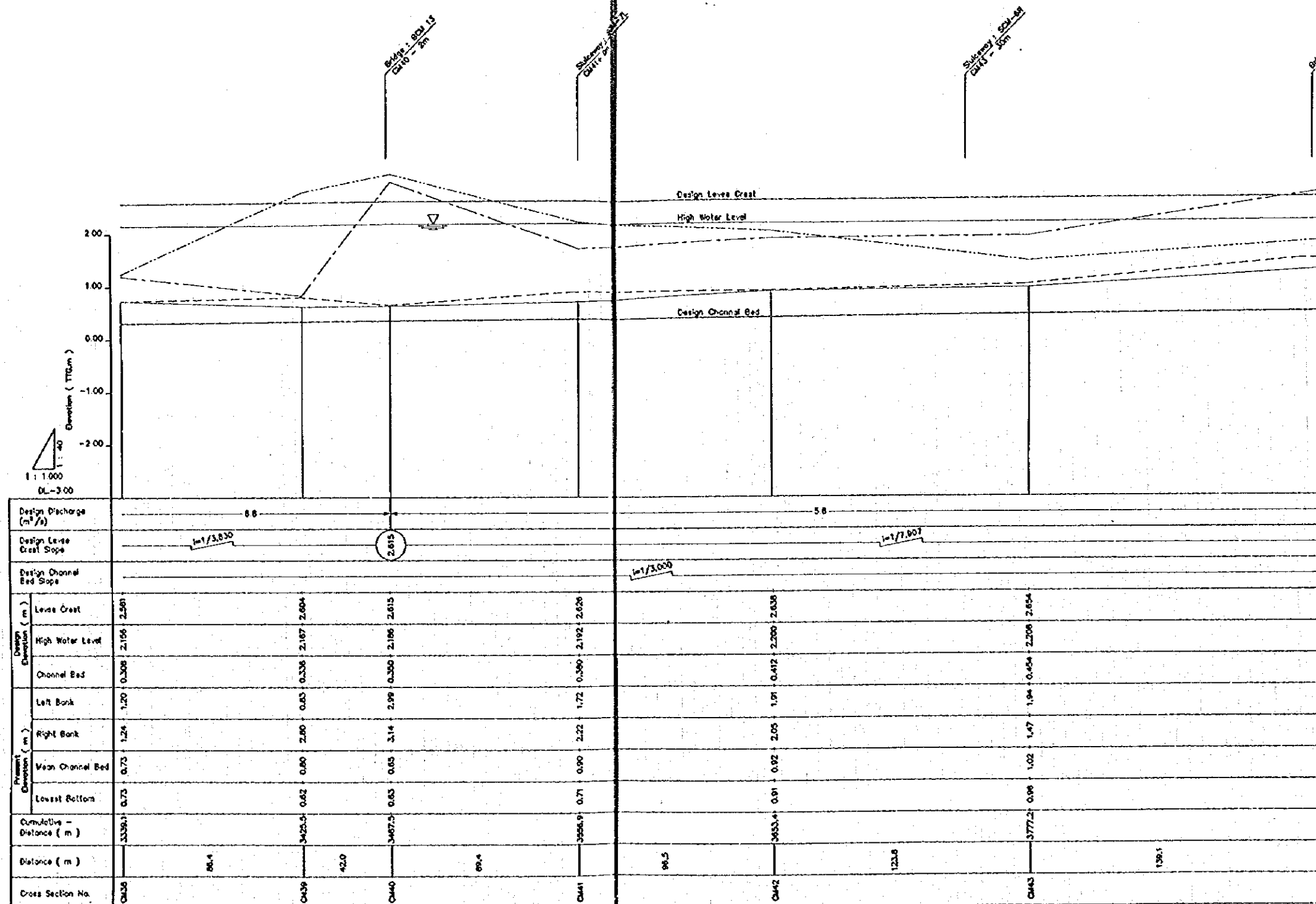
REFERENCE	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL PROFILE, SALURAN CENDOK DRAINAGE CHANNEL (1/7)	APPROVED
	CHECKED			
	SUBMITTED			
	DATE			
DWG NO.	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA		DWG NO. J-10-20-804	DATE



NOTES:

- (1) Datum Level : Mean Sea Level (TTG)
- (2) Left Bank Profile : -----
- (3) Right Bank Profile : -----
- (4) Mean Channel Bed : -----
- (5) Lowest Bottom : -----

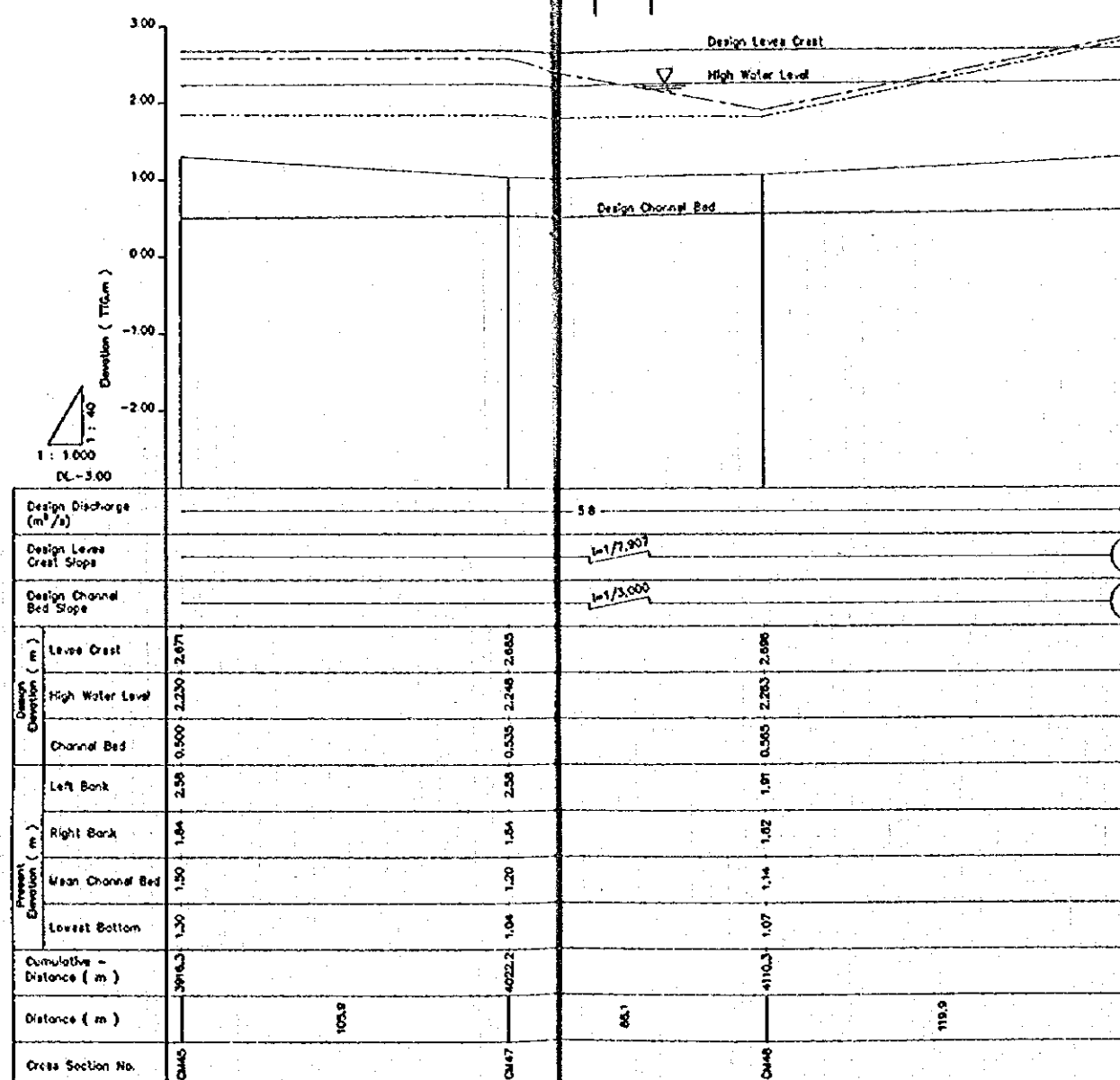
REFERENCE	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL PROFILE, SALURAN CENGKARENG DRAINAGE CHANNEL (5/7)	APPROVED
	CHECKED			
	SUBMITTED			
	DATE			
		JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG NO. J-10-20-805	DATE



NOTES:

- (1) Datum Level : Mean Sea Level (FIG)
- (2) Left Bank Profile : -----
- (3) Right Bank Profile : -----
- (4) Mean Channel Bed : -----
- (5) Lowest Bottom : -----

REFERENCE	Dwg. No.	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, PROFILE, SALURAN CENKARENG DRAINAGE CHANNEL (8/7)	APPROVED
		CHECKED			
		SUBMITTED	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG. NO. J-10-20-608	DATE
		DATE			



NOTES:

- (1) Datum Level : Mean Sea Level (TIG)
- (2) Left Bank Profile : ————
- (3) Right Bank Profile : ————
- (4) Mean Channel Bed : ————
- (5) Lowest Bottom : ————

REFERENCE	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING	APPROVED
	CHECKED.....		DRAINAGE CHANNEL, PROFILE, SALURAN CENGKARENG DRAINAGE CHANNEL (7/7)	
	SUBMITTED.....		DWG NO.	
	DATE.....		J-10-20-807	
		THE JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA		DATE

NOTES:

(1) Datum Level	: Mean Sea Level (MSL)
(2) Heightened Land	:
(3) Existing Road Surface	: - - - - -
(4) Lowest Bottom	: - - - - -
(5) S. Channel Width	: - - - - -

REFERENCE	DWG NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING	APPROVED
		CHECKED.....		DRAINAGE CHANNEL PROFILE, MERUTJA AREA (1/4)	
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	DWG NO.	DATE
		DATE.....	THE CITY OF JAKARTA	J-10-20-701	

[illegible]

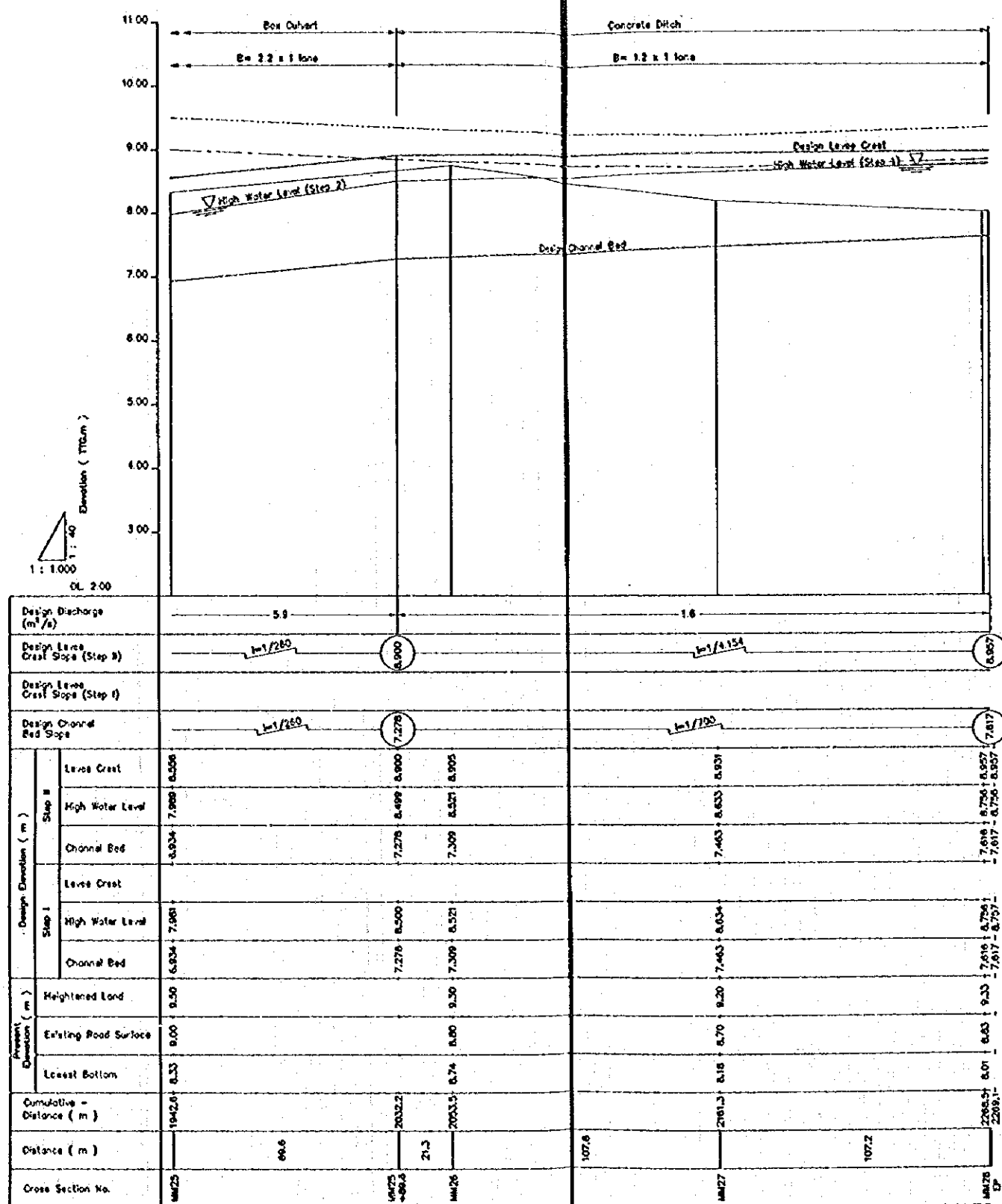
(1) Datum Level	: Mean Sea Level (TTC)
(2) Heightened Land	:
(3) Existing Flood Surface	:
(4) Lowest Bottom	:
(5) B : Channel Width	:

		PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING	APPROVED
		CHECKED.....		DRAINAGE CHANNEL PROFILE, MERUYA AREA (2/4)	
REFERENCE	DWG NO.	SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO.	DATE
		DATE.....		J-10-20-702	

[illegible]

(1) Datum Level	: Mean Sea Level (TIG)
(2) Heightened Land	: _____
(3) Existing Road Surface	: _____
(4) Lowest Bottom	: _____
(5) B: Channel Width	: _____

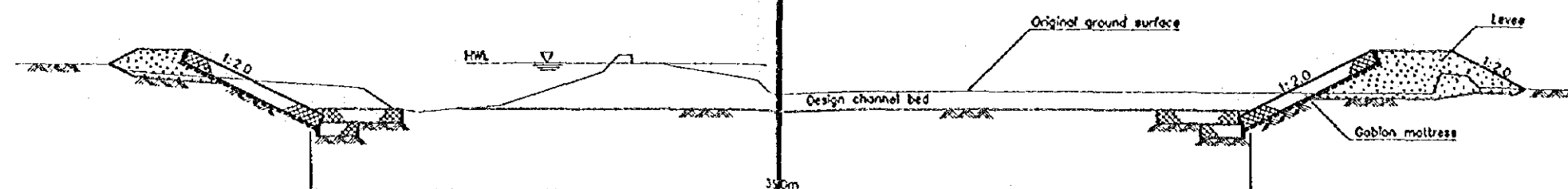
REFERENCE	DWG NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
		CHECKED.....	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL PROFILE, MERUYA AREA (3/4)	
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO.	DATE
		DATE.....	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	J-10-20-703	



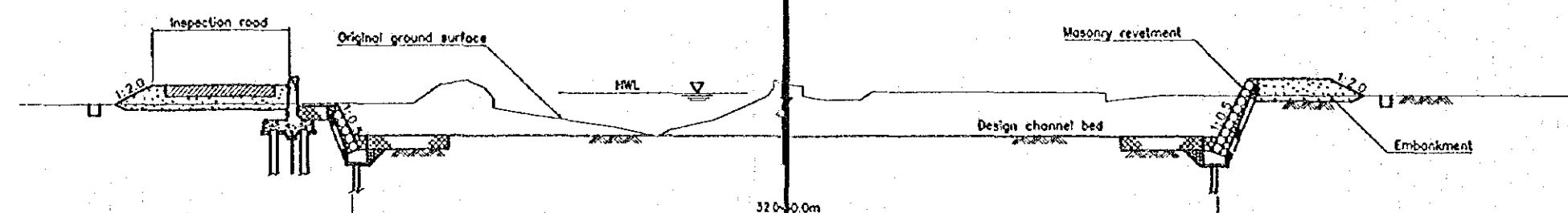
NOTES:

- (1) Datum Level : Mean Sea Level (170)
- (2) Heightened Land : ————
- (3) Existing Road Surface : ————
- (4) Lowest Bottom : ————

PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	TITLE OF DRAWING DRAINAGE CHANNEL PROFILE, MERUYA AREA (4/4)	APPROVED
CHECKED.....		DWG NO.	DATE
SUBMITTED.....		J-10-20-704	
DATE.....			

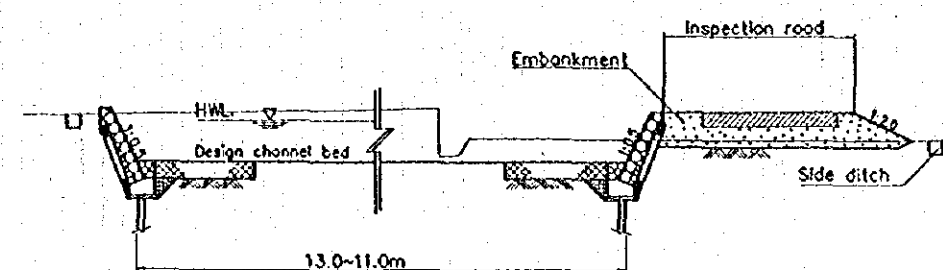


(a) Downstream of Tol Prof. Sedyatmo

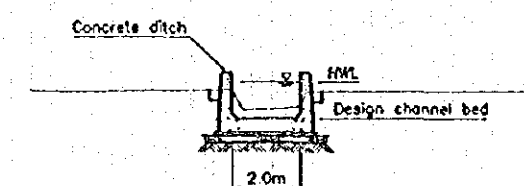


(b) Upstream of Tol Prof. Sedyatmo

(1) Kamal Drainage Channel (Main)

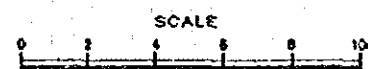


(a) Downstream Stretch

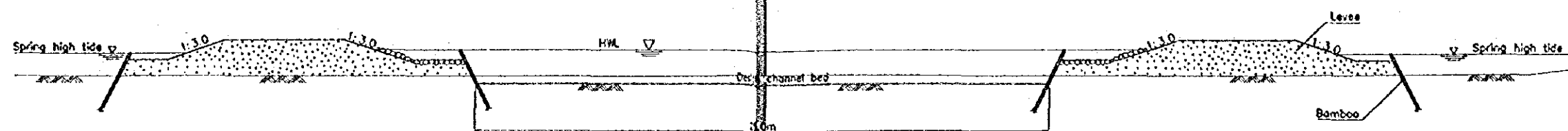


(b) Upstream Stretch

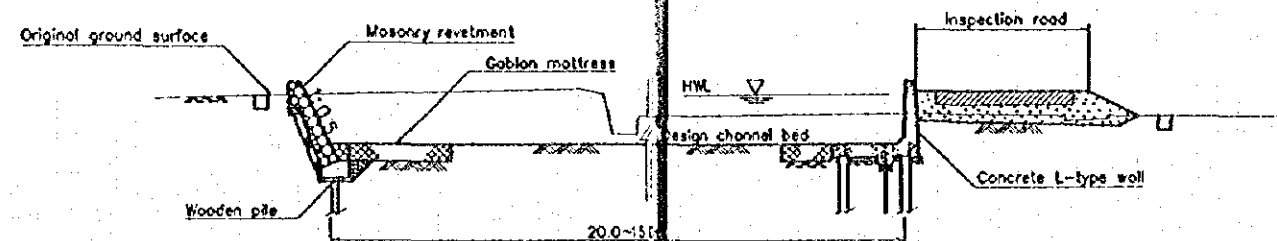
(2) Kamal Drainage Channel (Branch)



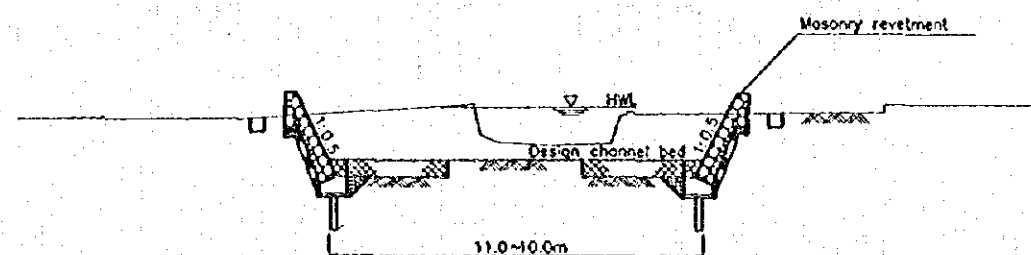
REFERENCE	NO.	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL TYPICAL CROSS SECTION (1/3)	APPROVED
		CHECKED			
		SUBMITTED	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG NO. J-10-30-001	DATE
		DATE			



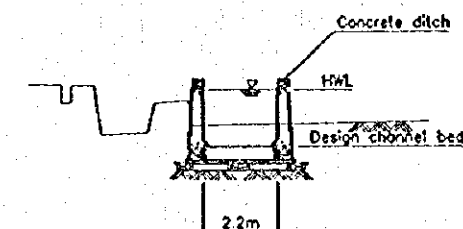
(a) Downstream of Jl. Tol Prof. Sedyatmo



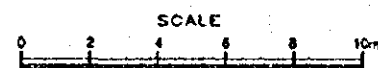
(b) Downstream of Jl. Tol Prof. Sedyatmo
(3) Tanjung Drolage Channel



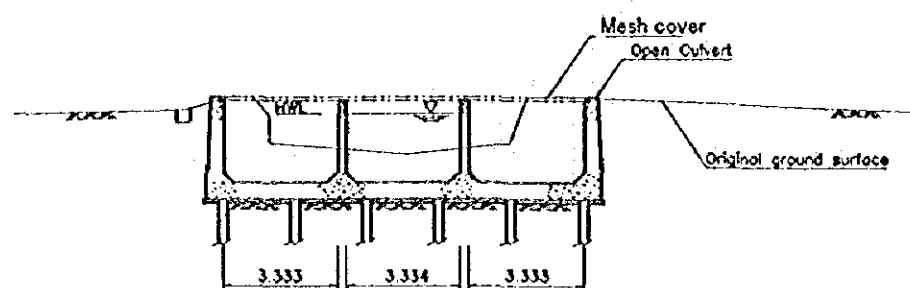
(4) Gede/Bor Drainage Channel



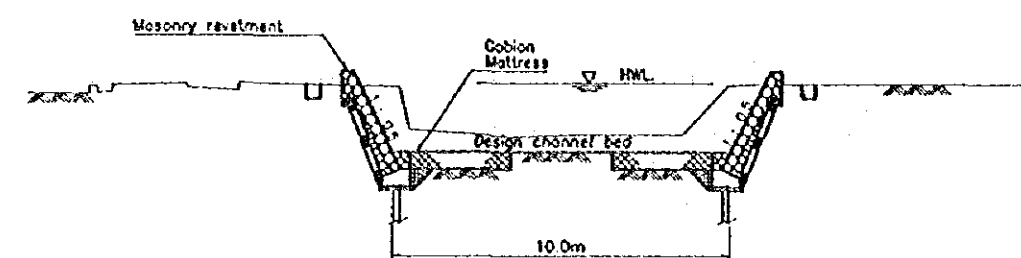
(5) PIK Junction Drainage Channel



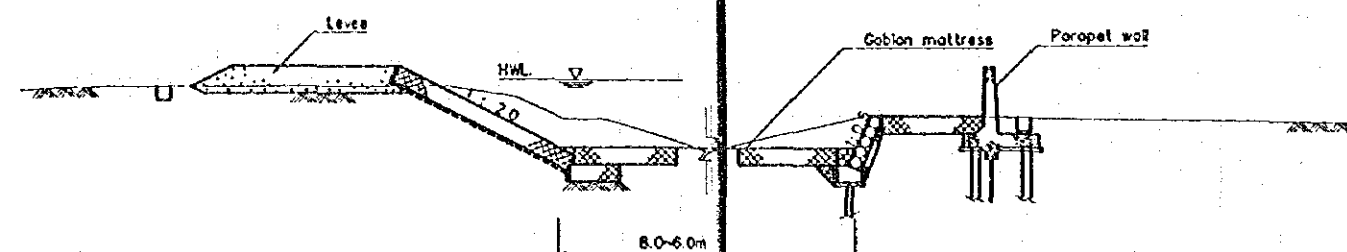
REFERENCE	C.D. NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, TYPICAL CROSS SECTION (2/3)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG. NO. J-10-30-002	DATE
		DATE.....			



(a) Open Culvert

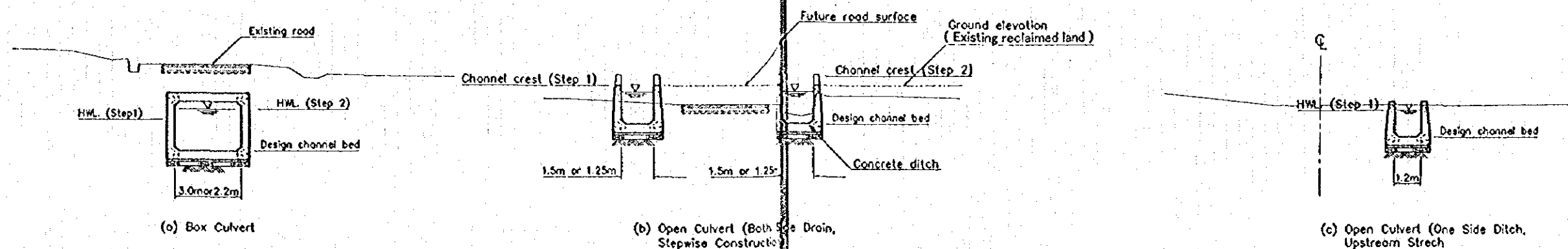


(b) Upstream of Open Culvert



(c) Upstream Stretch

(6) Solaran Cengkareng Drainage Channel

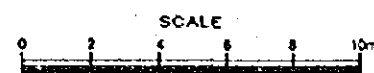


(a) Box Culvert

(b) Open Culvert (Both Side Drain, Stepwise Construction)

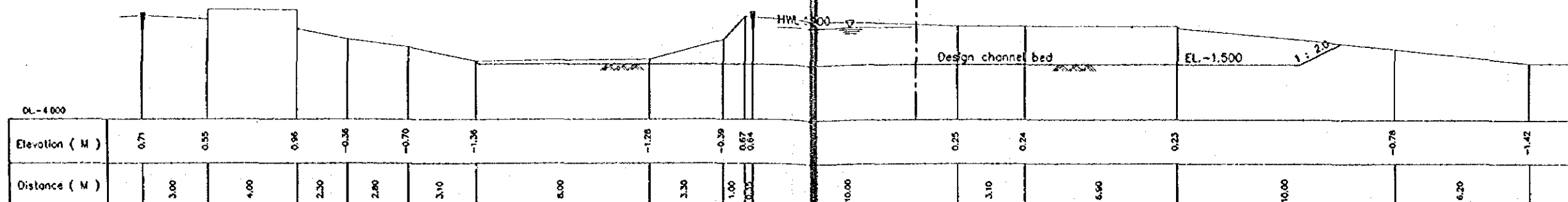
(c) Open Culvert (One Side Ditch, Upstream Stretch)

(7) Meruya Area

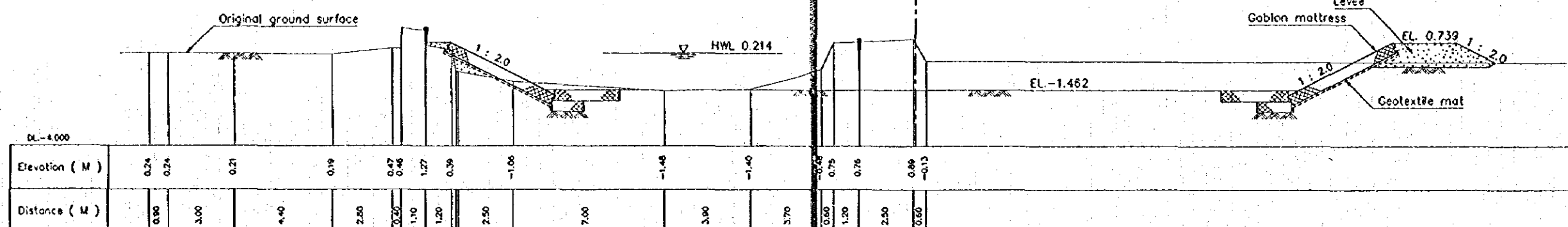


REFERENCE	CO. NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL TYPICAL CROSS SECTION (3/3)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-003	DATE
		DATE.....			

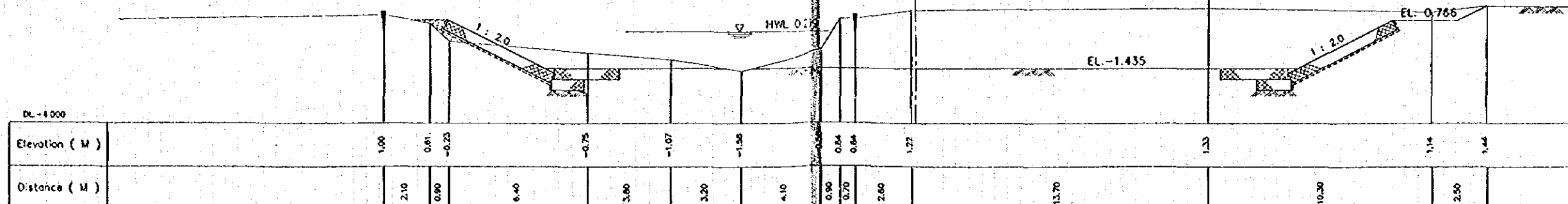
KM - 00



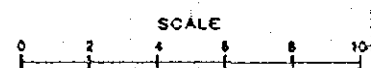
KM - 01



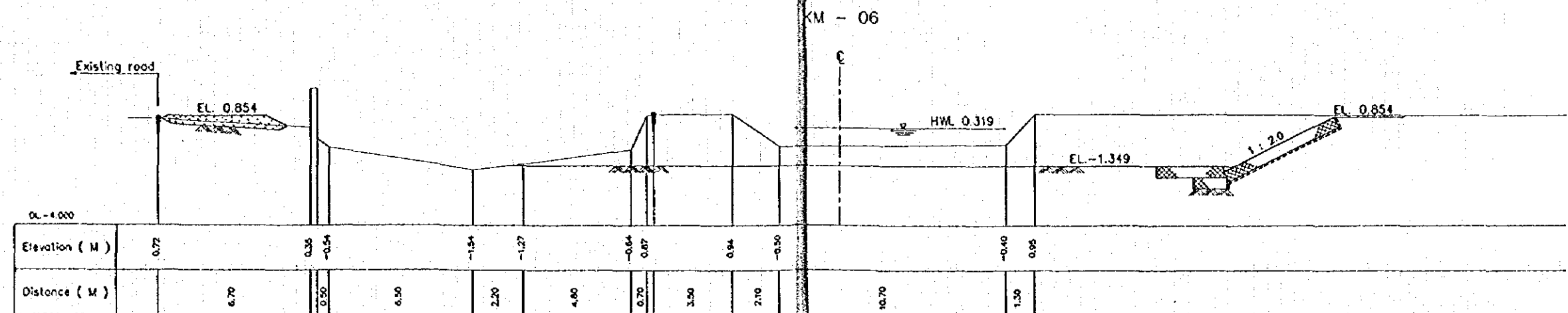
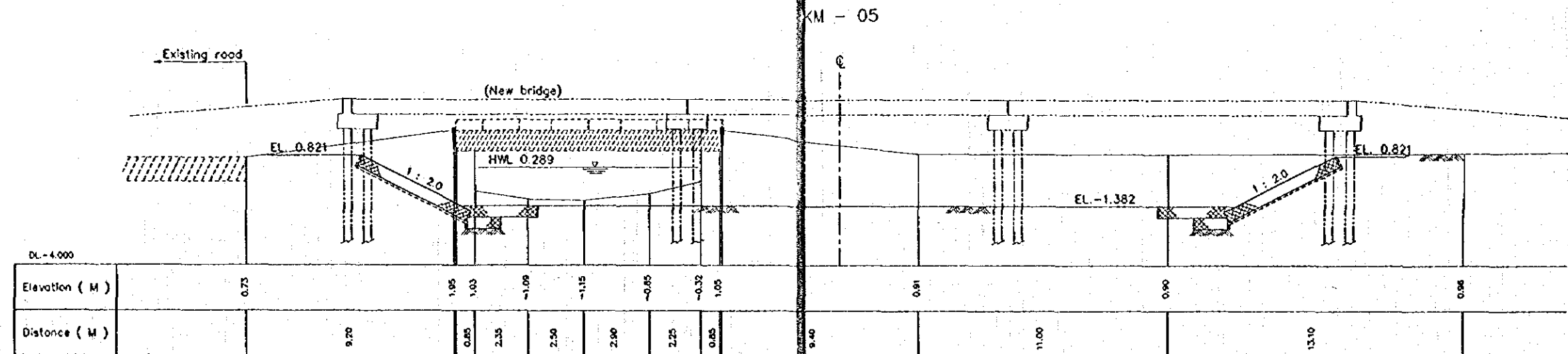
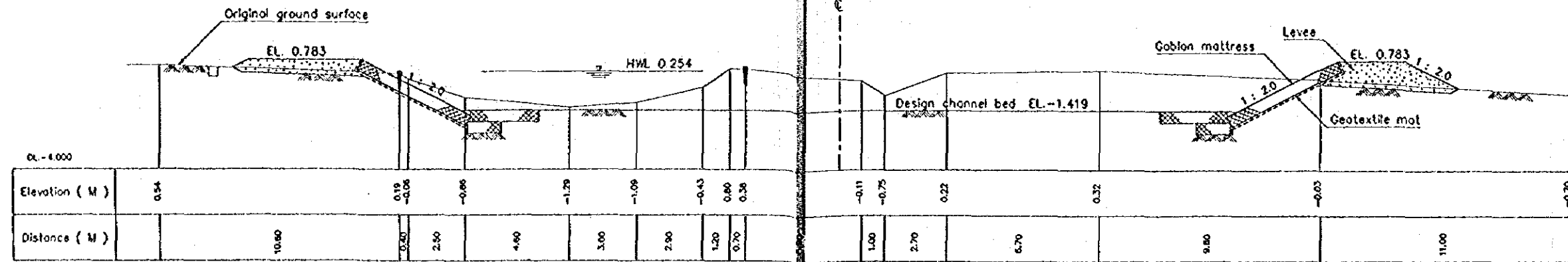
KM - 02



NOTE:
Datum Level : Mean Sea Level (TTC)

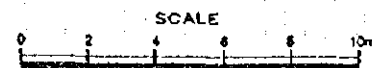


REFERENCE	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KANAL DRAINAGE CHANNEL (MAIN) (1/16)	APPROVED
	CHECKED			
	SUBMITTED			
	DATE			
		JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-101	DATE



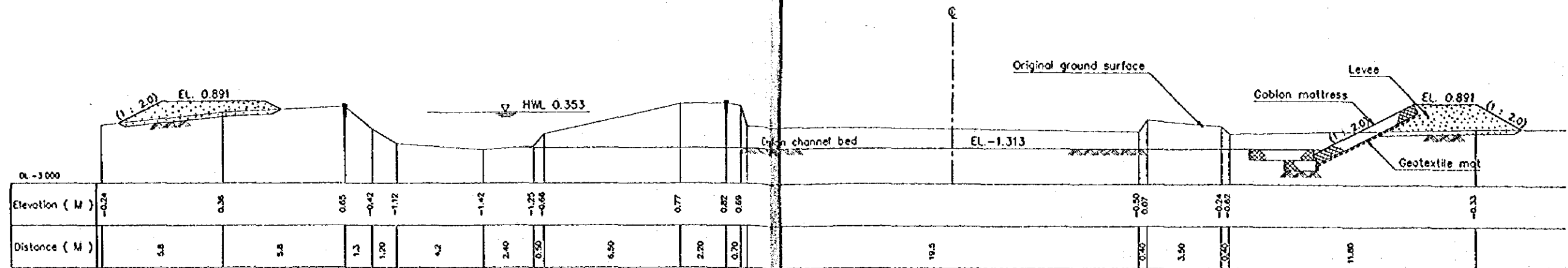
NOTE :

Datum Level : Mean Sea Level (TIG)

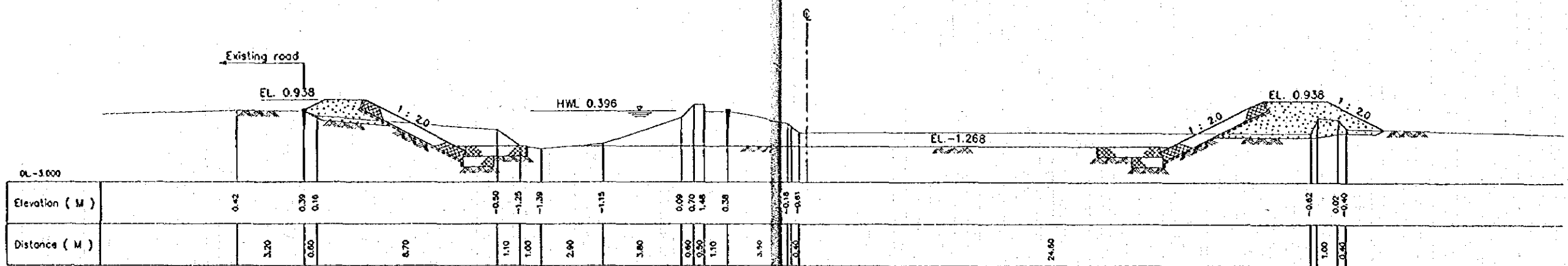


REFERENCE	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (2/18)	APPROVED
	CHECKED			
	SUBMITTED			
	DATE			
		JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG NO. J-10-30-102	DATE

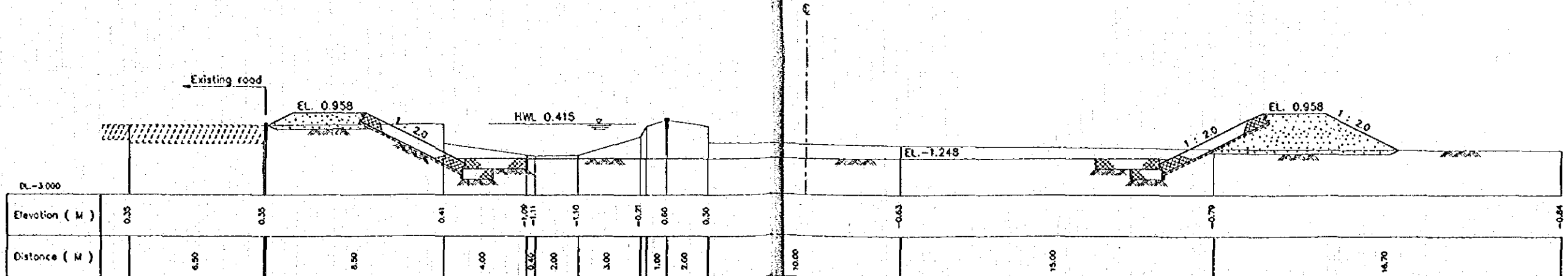
KM - 07



KM - 08

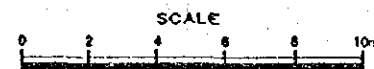


KM - 09



NOTE :

Datum Level : Mean Sea Level (TIG)



REFERENCE	

PREPARED.....
CHECKED.....
SUBMITTED.....
DATE.....

MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF HUMAN SETTLEMENTS

JAPAN INTERNATIONAL COOPERATION AGENCY
THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT
IN
THE CITY OF JAKARTA

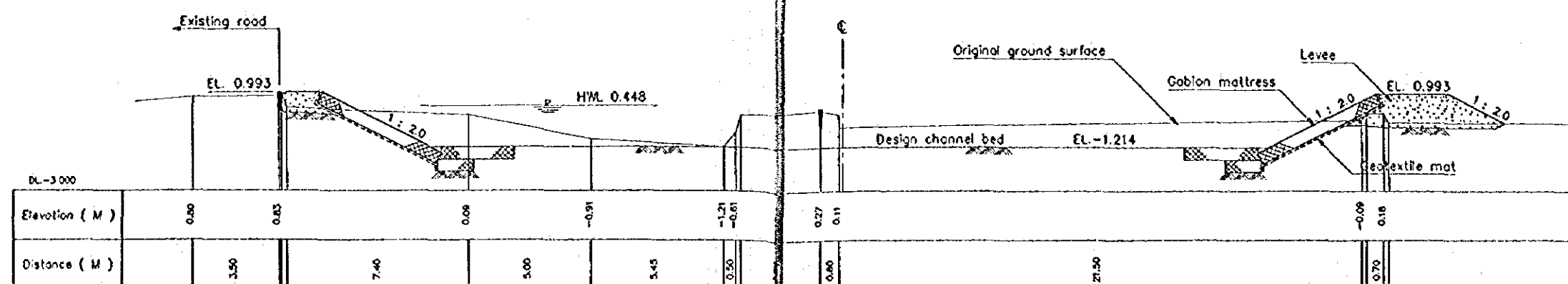
TITLE OF DRAWING
DRAINAGE CHANNEL, CROSS SECTION,
KAMAL DRAINAGE CHANNEL (MAIN) (3/18)

DWG NO.
J-10-30-103

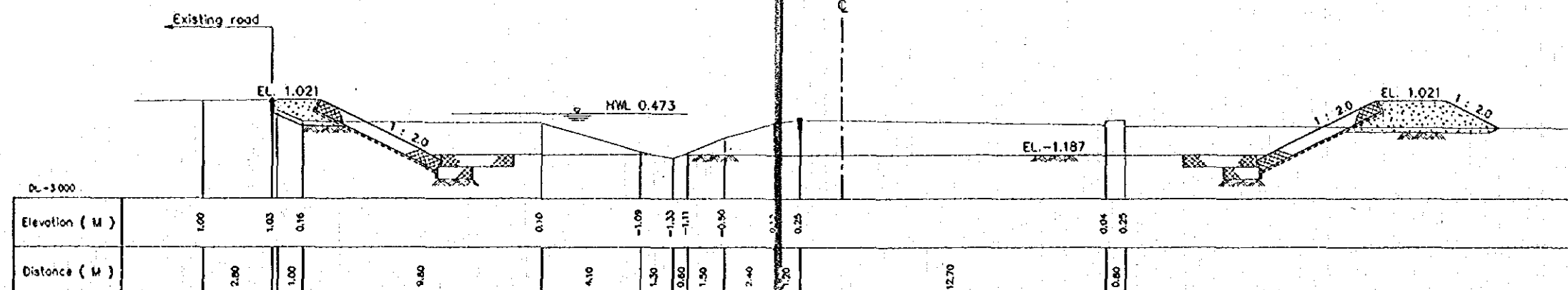
APPROVED

DATE

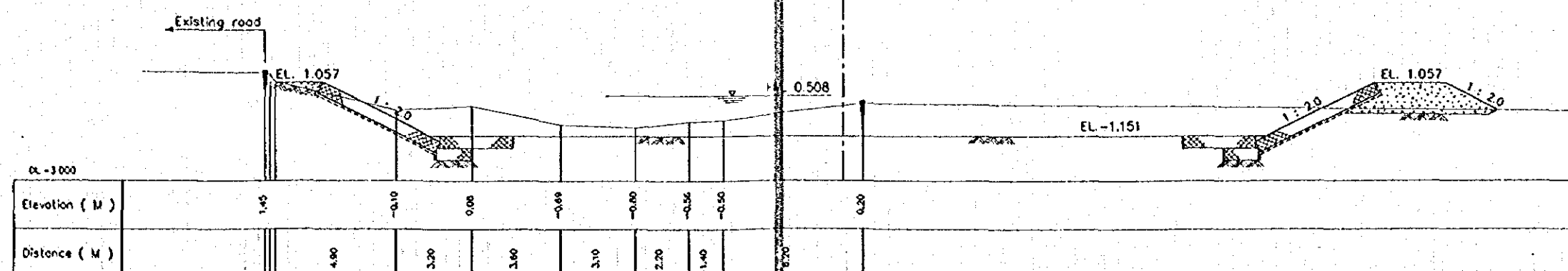
KM - 10



KM - 11

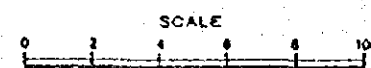


KM - 12



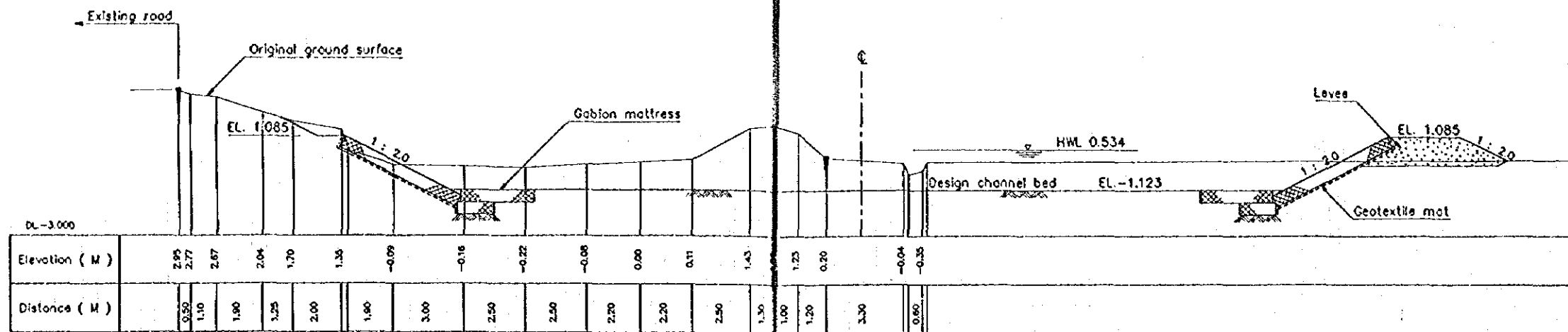
NOTE:

Datum Level : Mean Sea Level (TTC)

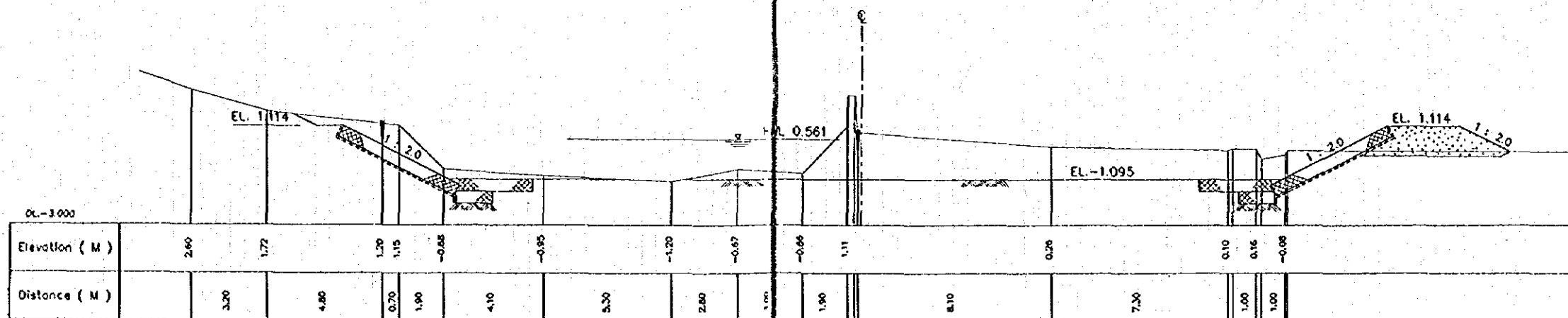


PREPARED		MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (4/18) DWG NO. J-10-30-104	APPROVED DATE
CHECKED				
SUBMITTED				
DATE				
REFERENCE	1	NO.		

KM - 13

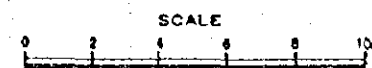


KM - 14

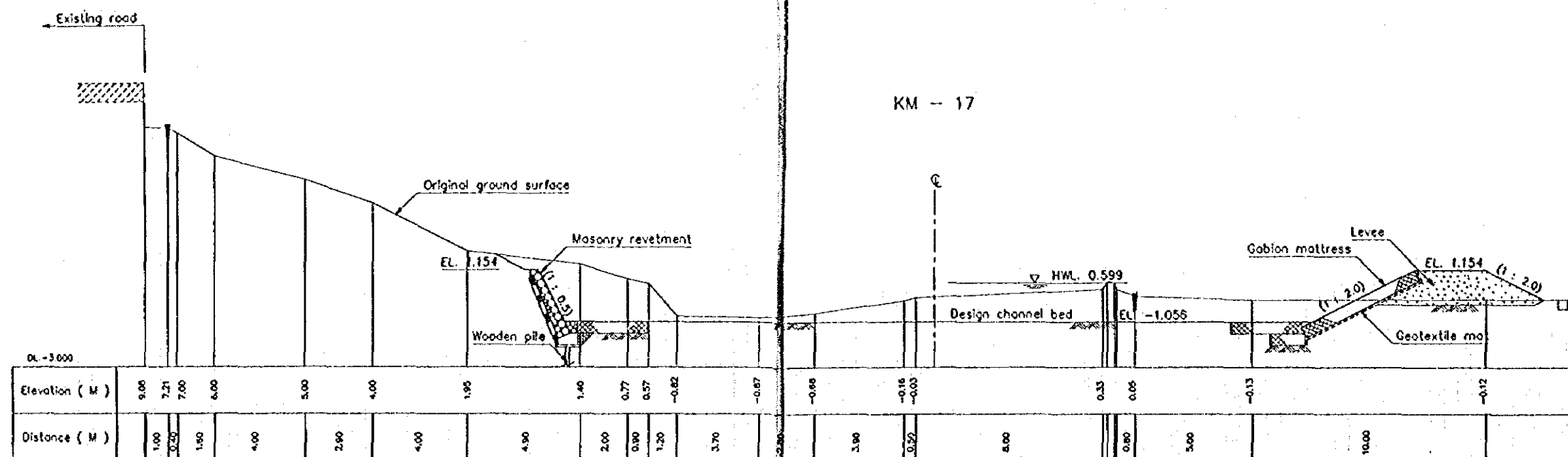


NOTE :

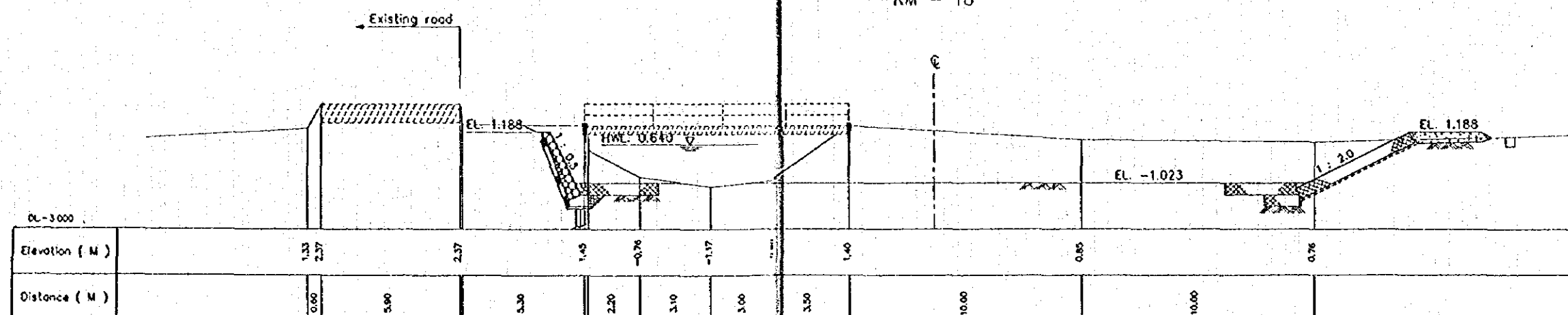
Datum Level : Mean Sea Level (TTC)



REFERENCE	CA NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAWAL DRAINAGE CHANNEL (MAIN) (5/18)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-105	DATE
		DATE.....			



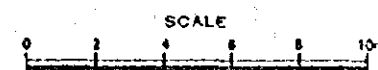
KM - 17



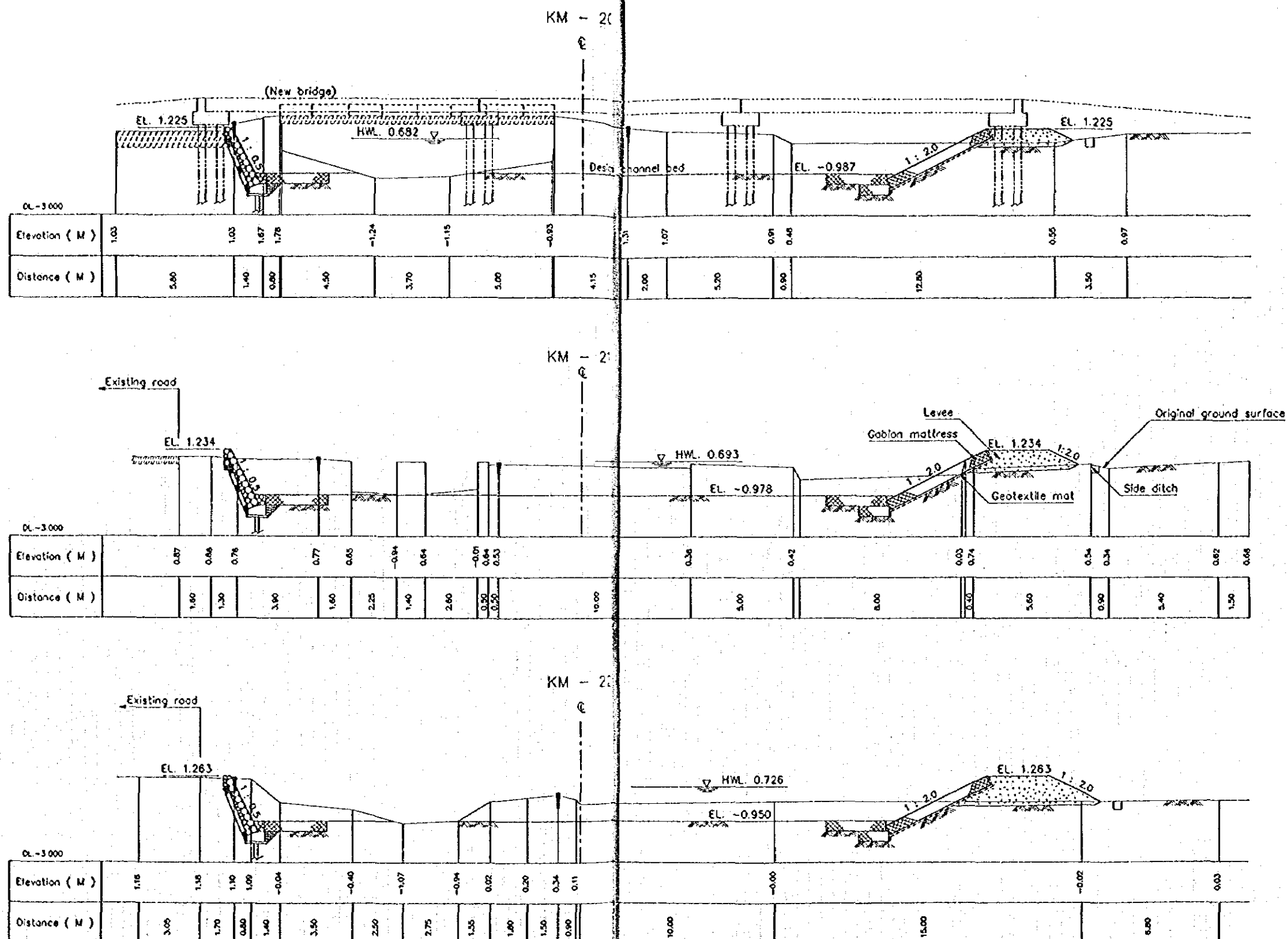
KM - 18

NOTE:

Datum Level : Mean Sea Level (TIG)

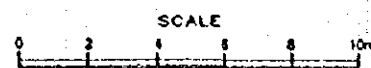


REFERENCE	NO.	PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (8/18) DWG NO. J-10-30-106	APPROVED DATE
		CHECKED			
		SUBMITTED			
		DATE			



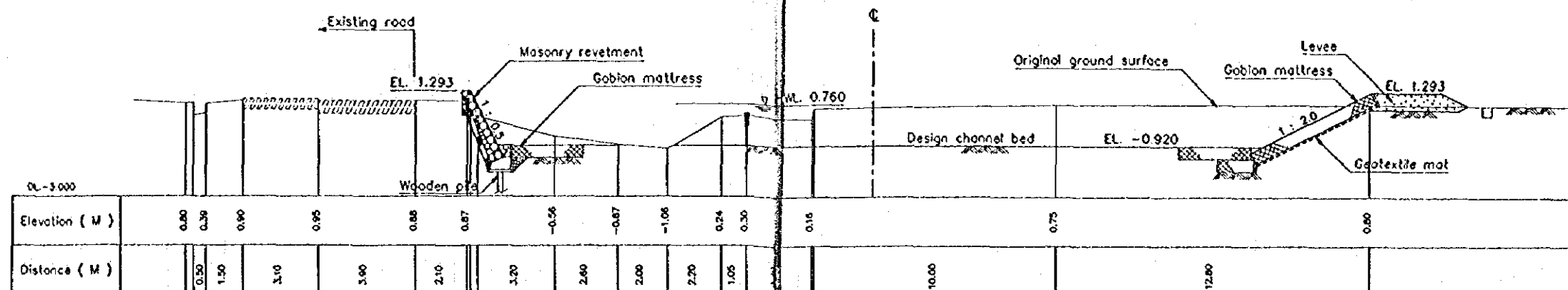
NOTE:

Datum Level : Mean Sea Level (TIG)

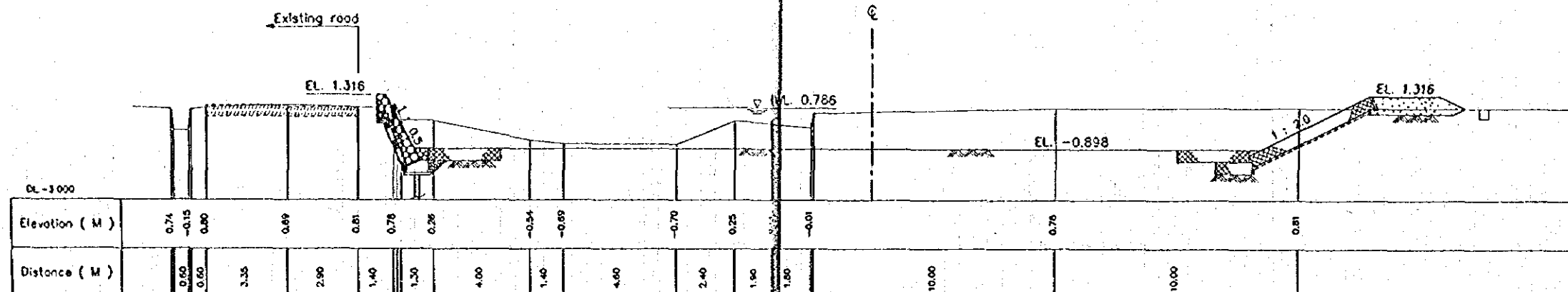


PREPARED	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
CHECKED	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL, CROSS SECTION,	
SUBMITTED		KAMAL DRAINAGE CHANNEL (MAIN) (7/10)	
DATE	JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO.	DATE
REFERENCE	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	J-10-30-107	
	THE CITY OF JAKARTA		

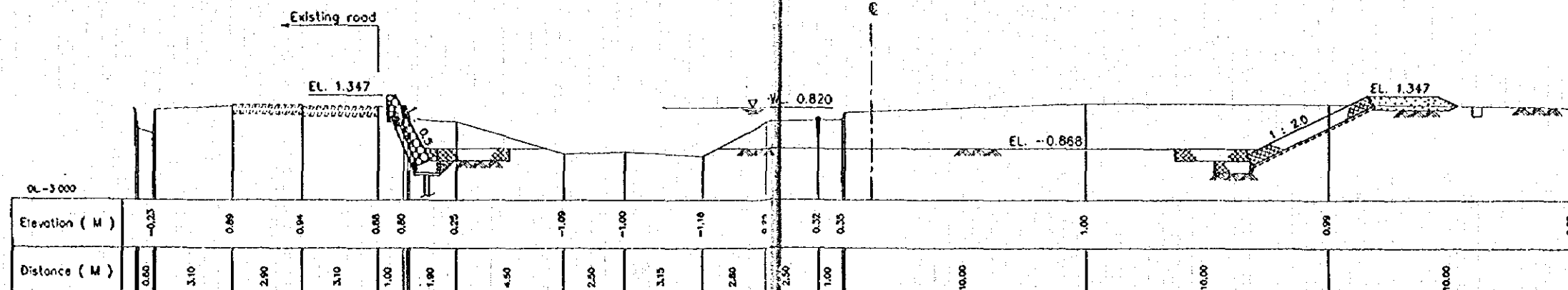
KM - 23



KM - 24



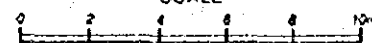
KM - 25



NOTE:

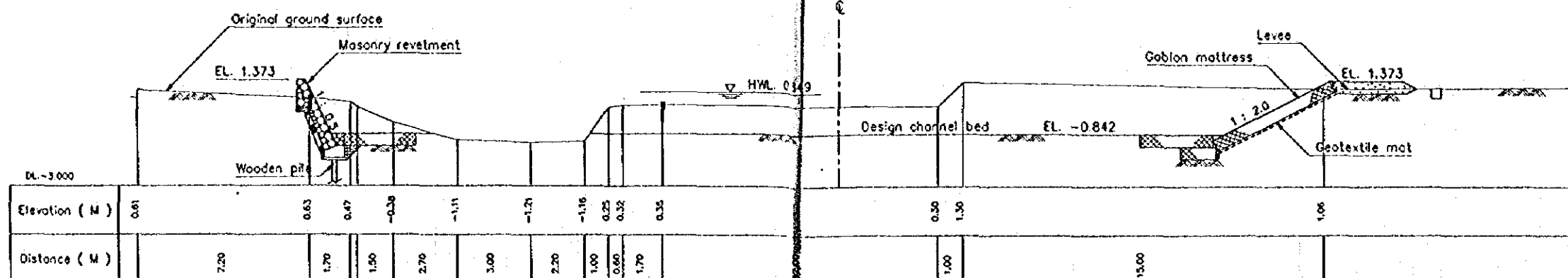
Datum Level: Mean Sea Level (TIG)

SCALE

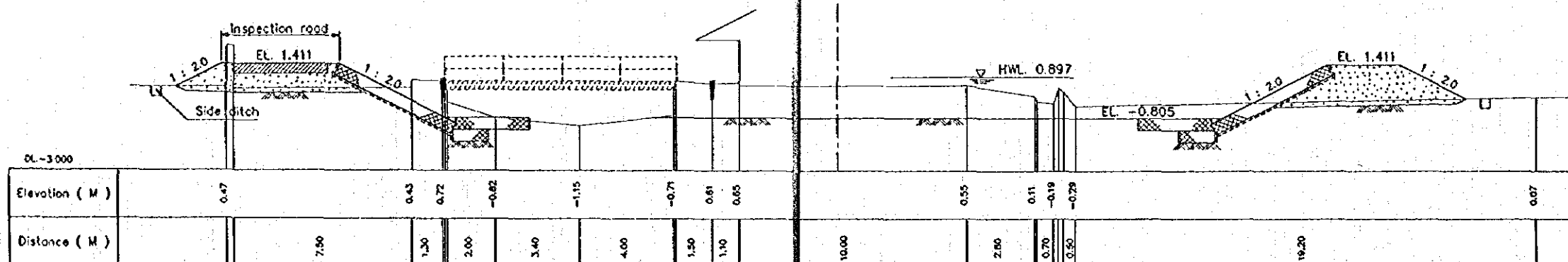


REFERENCE	NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (8/18)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-108	DATE
		DATE.....			

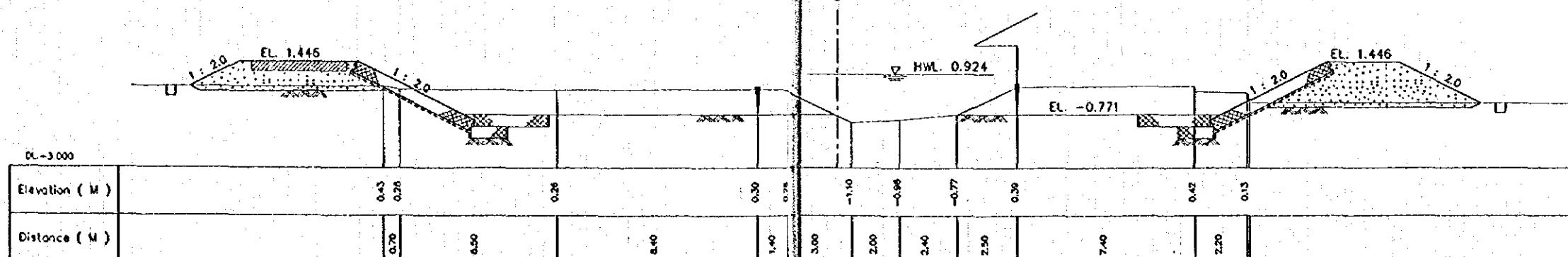
KM - 26



KM - 27

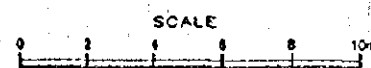


KM - 28



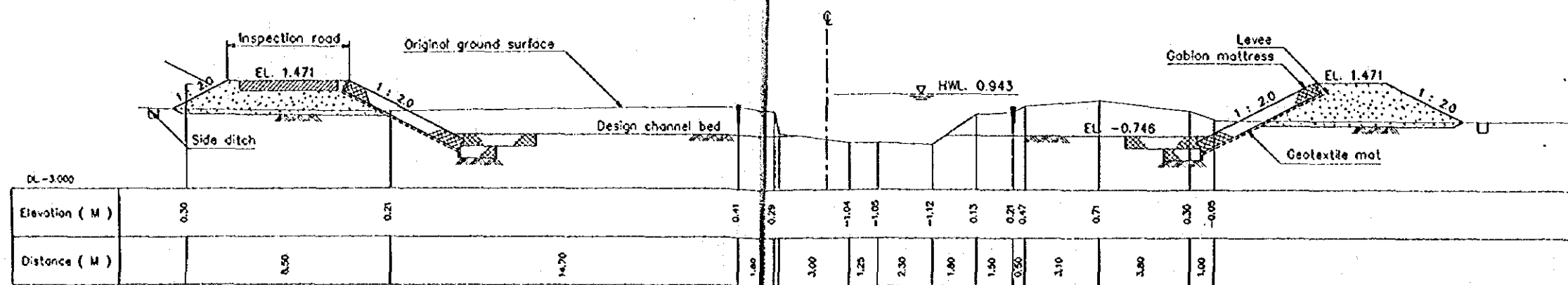
NOTE:

Datum Level : Mean Sea Level (TTC)

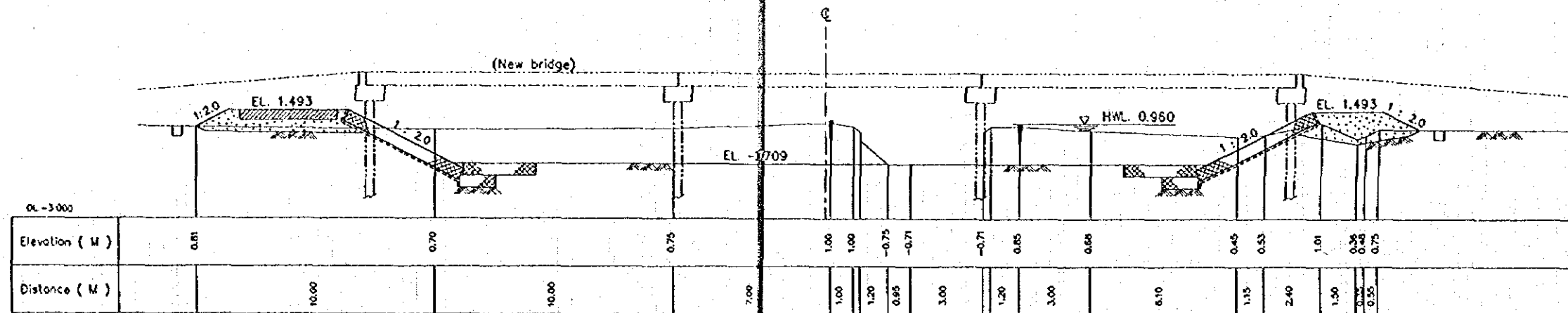


REFERENCE	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (9/16)	APPROVED
	CHECKED.....			
	SUBMITTED.....			
	DATE.....			
	DWG NO.	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-109	DATE

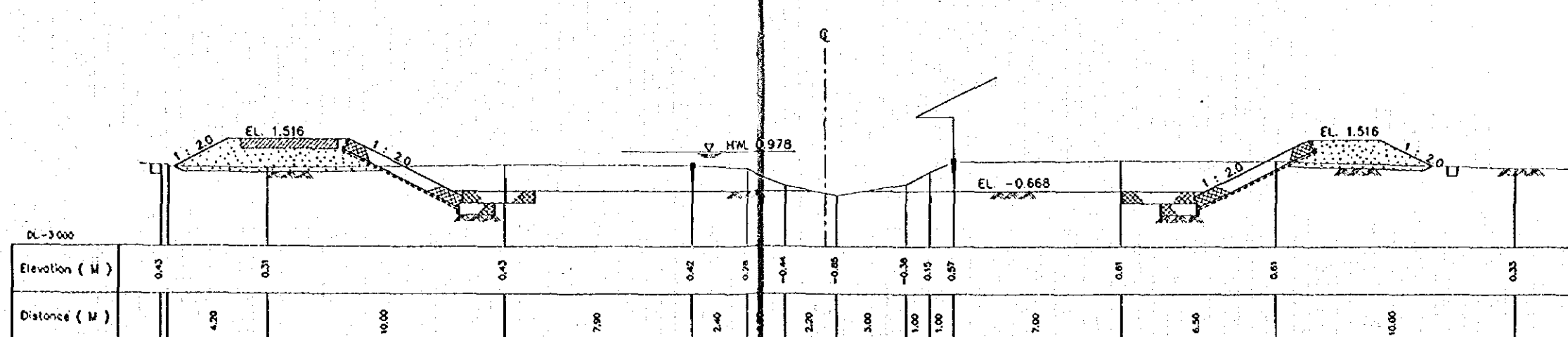
KM - 29



KM - 31



KM - 32



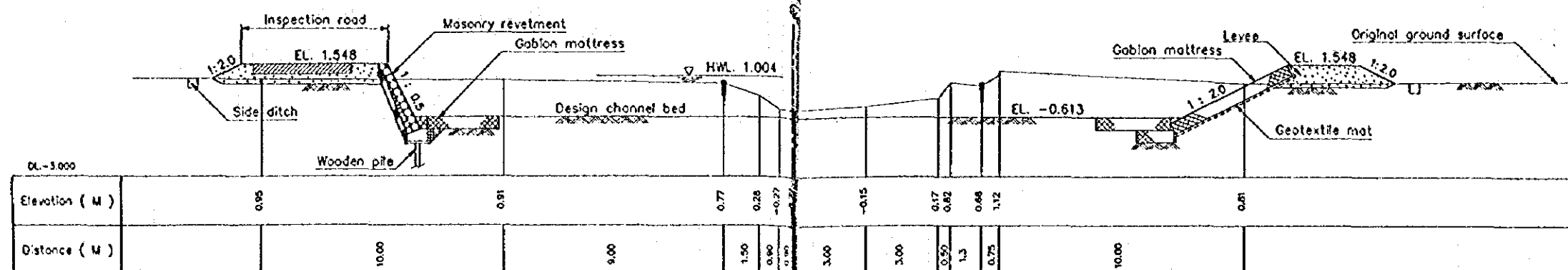
NOTE:

Datum Level : Mean Sea Level (TTC)

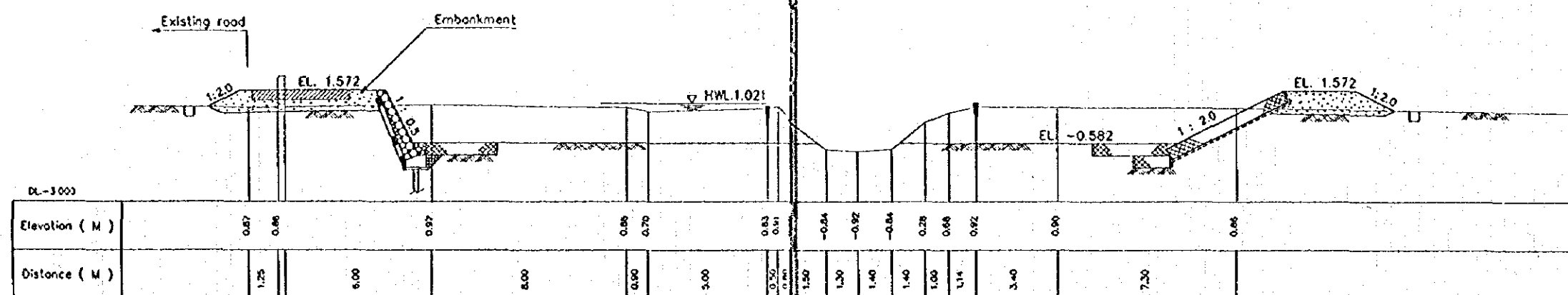


REFERENCE	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (10/18)	APPROVED
	CHECKED.....			
	SUBMITTED.....			
	DATE.....			
		JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	CWS NO. J-10-30-110	DATE

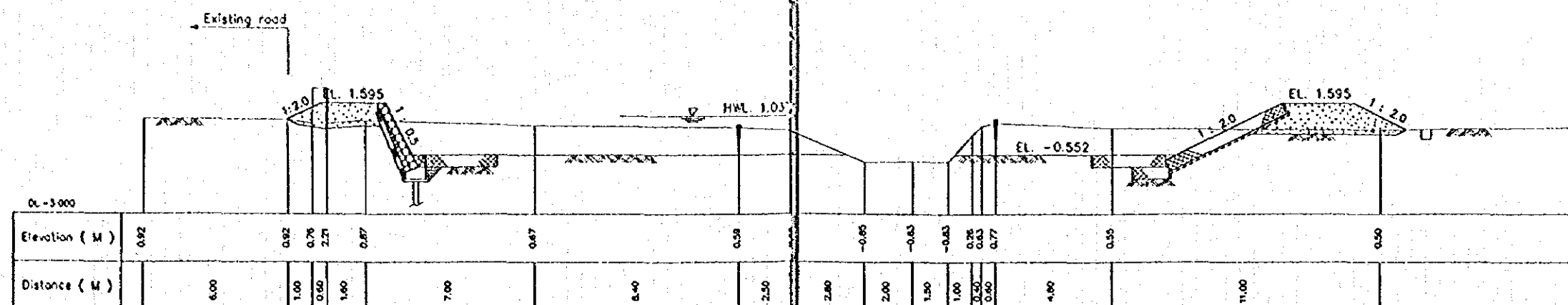
KM 33



KM 34

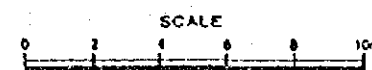


KM 35



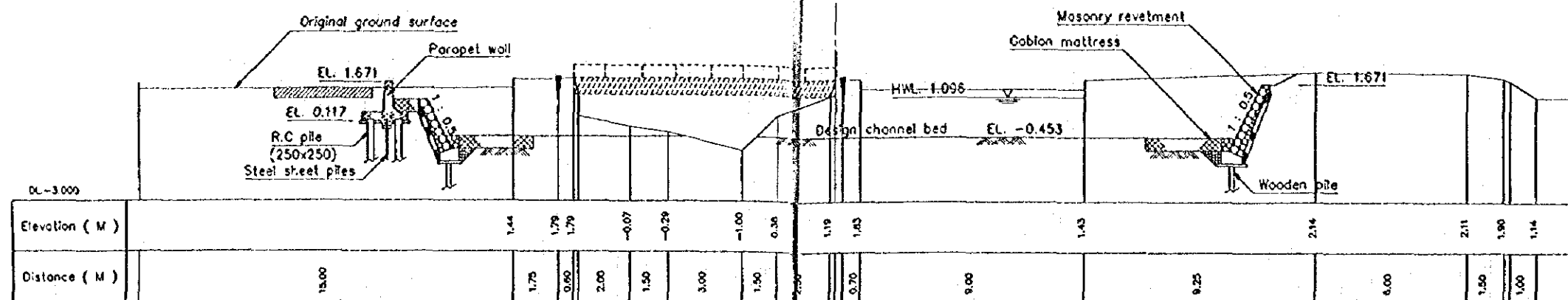
NOTE:

Datum Level : Mean Sea Level (TTC)

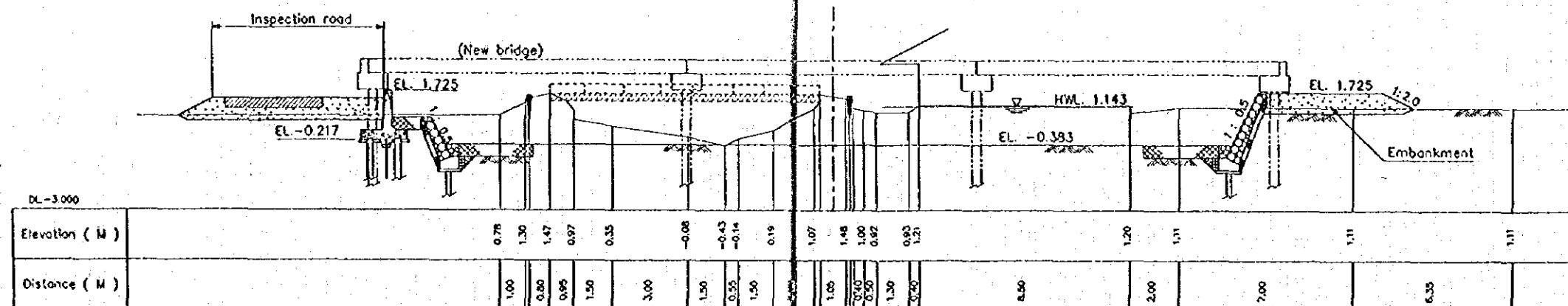


REFERENCE	C. NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (11/18)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-111	DATE
		DATE.....			

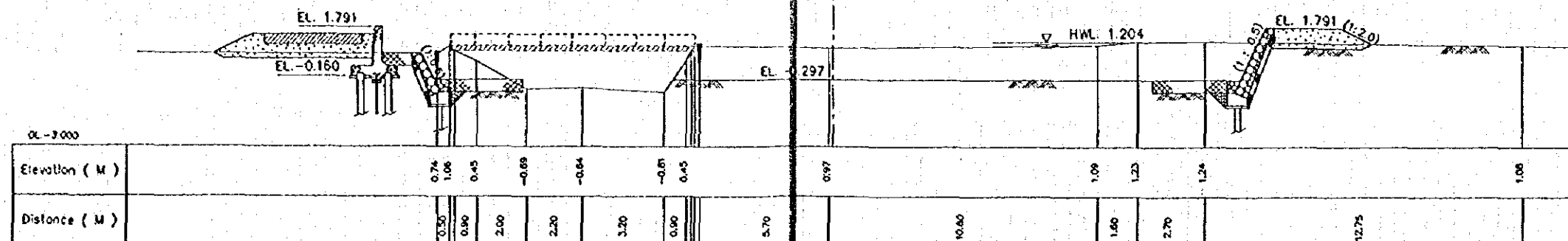
KM - 38



KM - 40

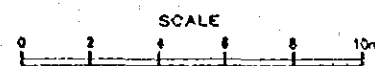


KM - 42

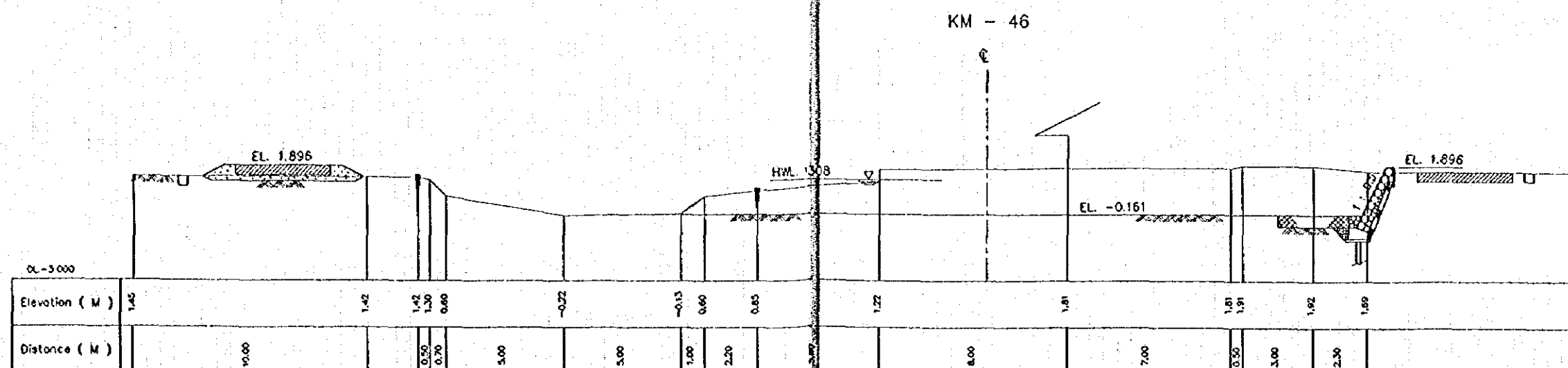
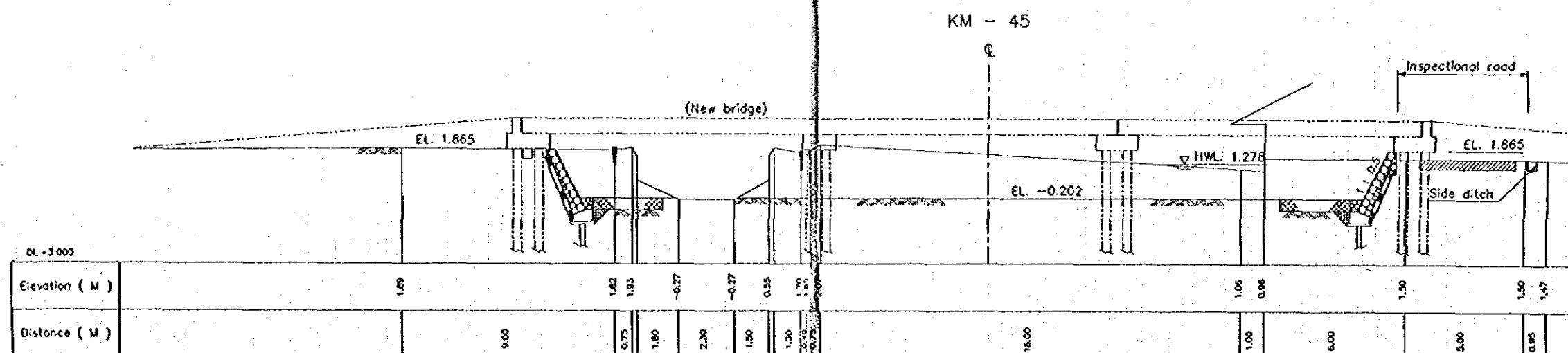
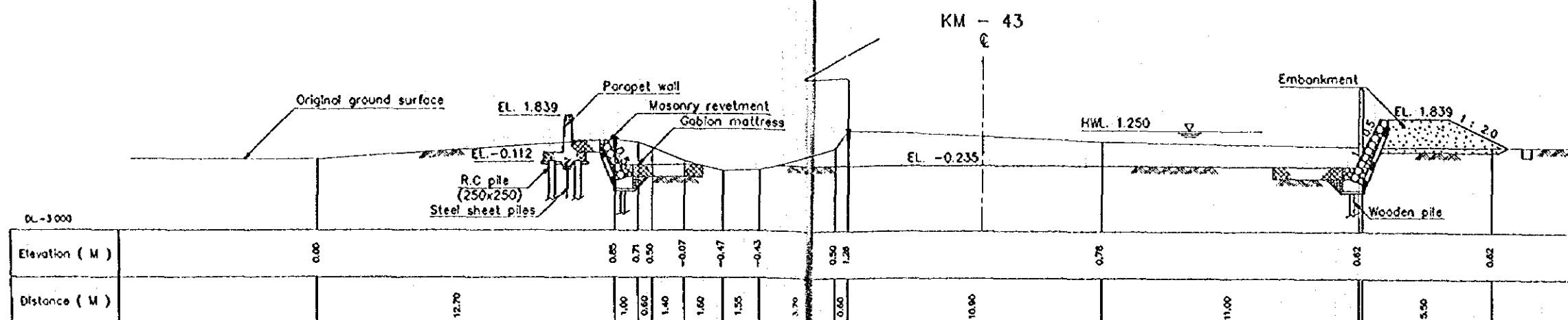


NOTE:

Datum Level: Mean Sea Level (ITC)

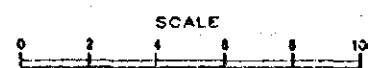


PREPARED	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
CHECKED	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL, CROSS SECTION,	
SUBMITTED		KAMAL DRAINAGE CHANNEL (MAIN) (12/16)	
DATE	JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO.	DATE
REFERENCE	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	J-10-30-112	
	THE CITY OF JAKARTA		



NOTE :

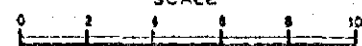
Datum Level : Mean Sea Level (TIG)



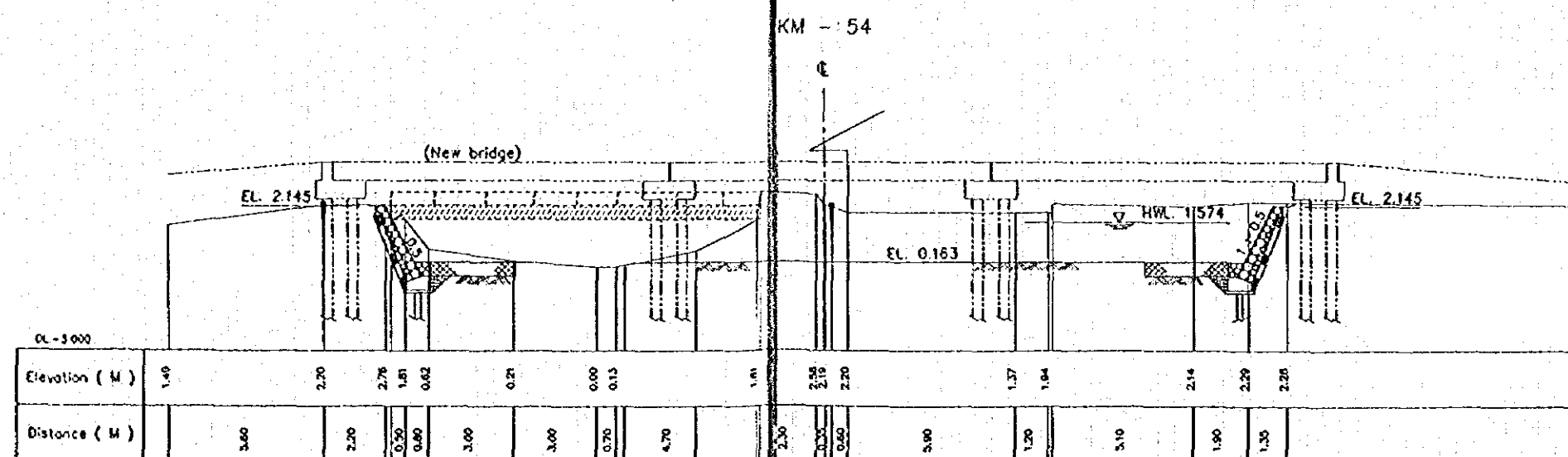
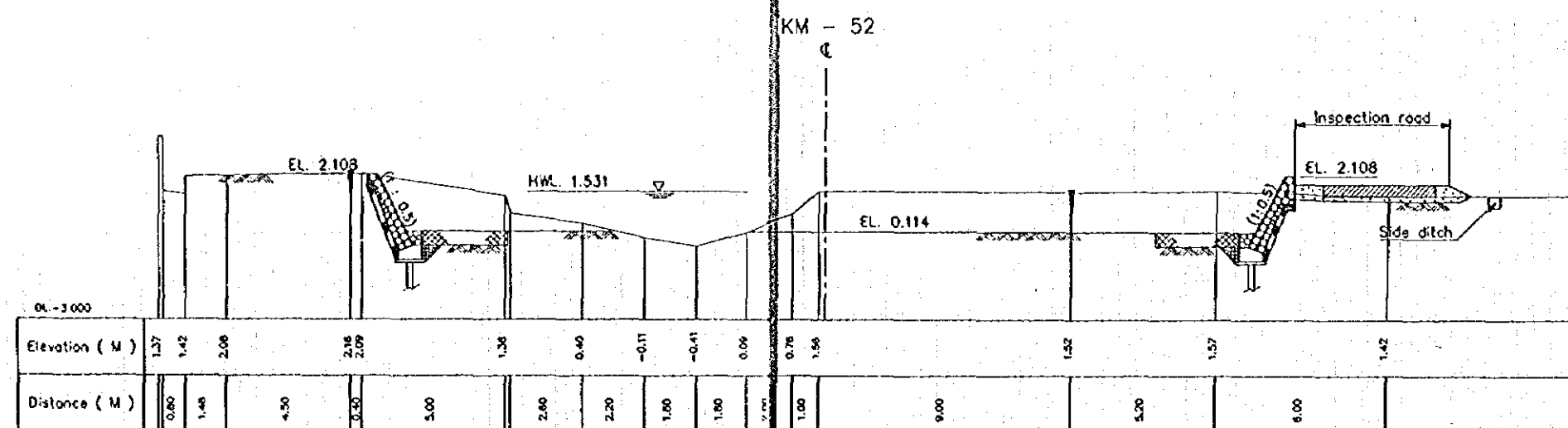
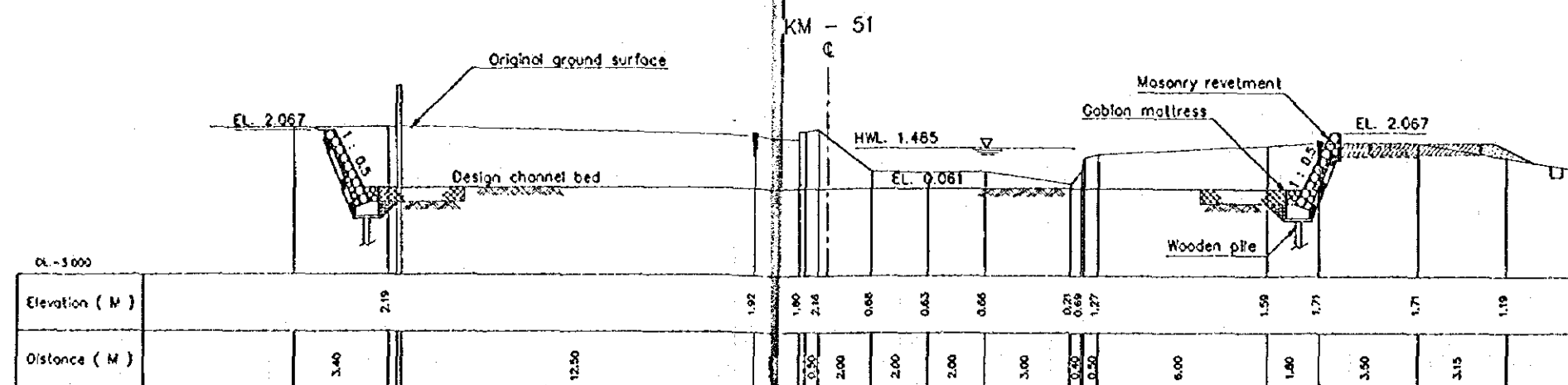
		PREPARED	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (MAIN) (13/16)	APPROVED
		CHECKED			
		SUBMITTED	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO.	DATE
REFERENCE	NO.	DATE			J-10-30-113



SCALE

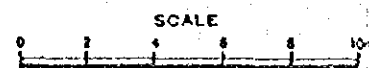


REFERENCE	S.N.O.	PREPARED	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
		CHECKED	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (WAIN) (14/18)	
		SUBMITTED	JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO.	DATE
		DATE	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	J-10-30-114	



NOTE :

Datum Level : Mean Sea Level (TTC)

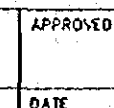
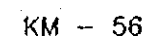


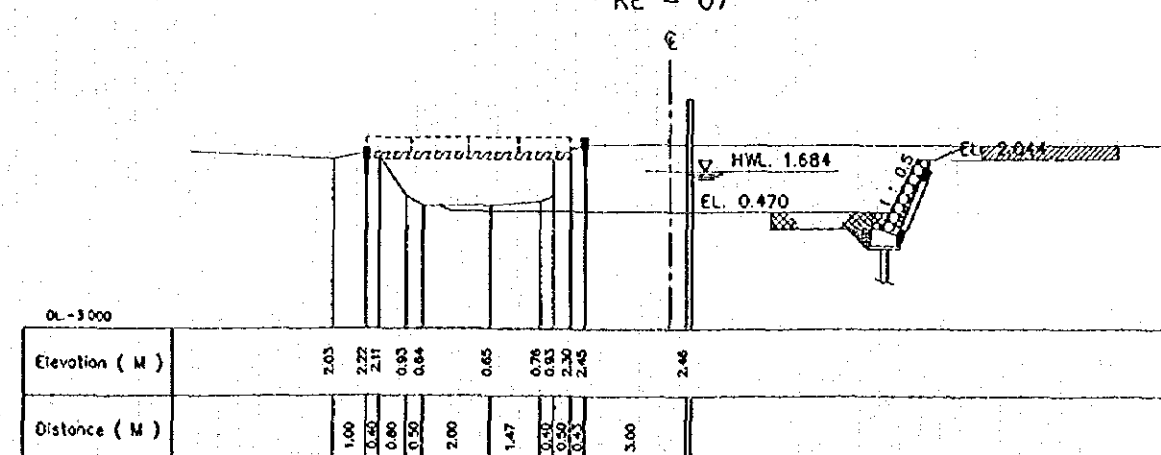
PREPARED	
CHECKED	
SUBMITTED	
DATE	
REFERENCE	

MINISTRY OF PUBLIC WORKS
DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
JAPAN INTERNATIONAL COOPERATION AGENCY
THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT
THE CITY OF JAKARTA

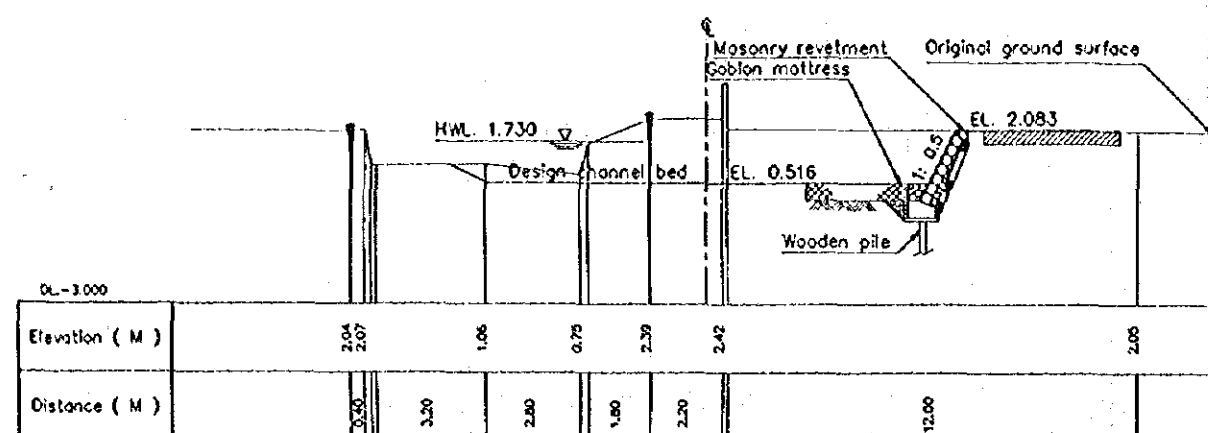
TITLE OF DRAWING
DRAINAGE CHANNEL, CROSS SECTION,
KAMAL DRAINAGE CHANNEL (MAIN) (15/16)
DWG NO.
J-10-30-115

APPROVED
DATE

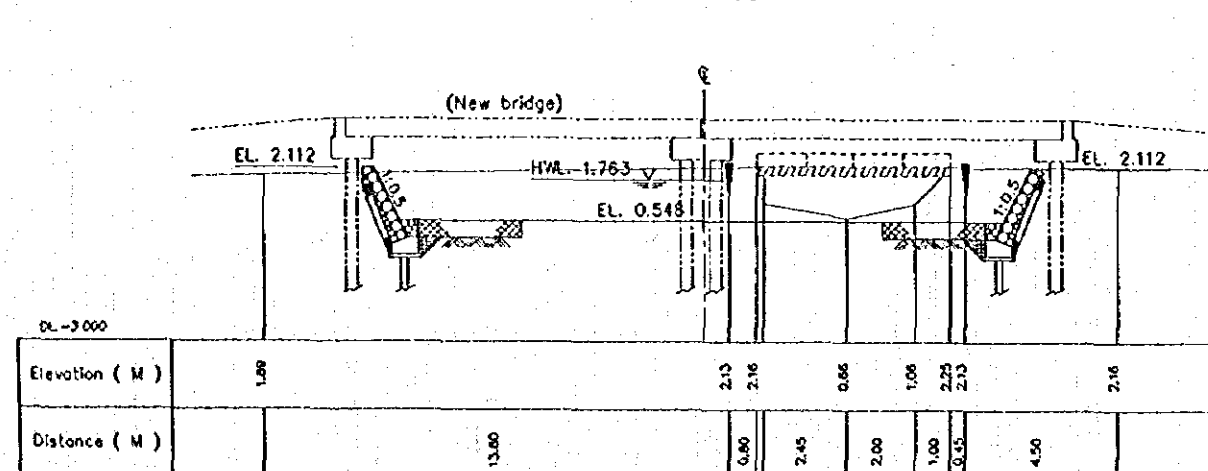




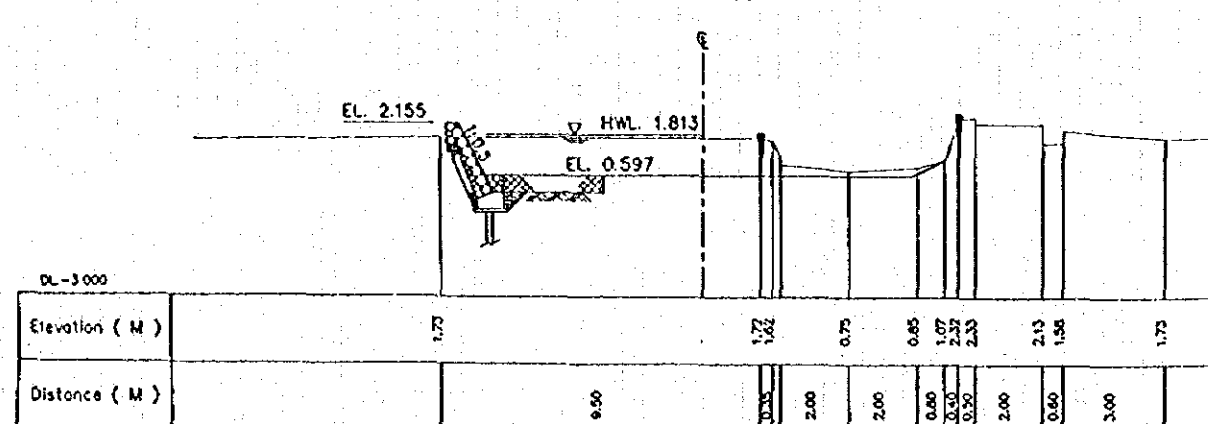
KE - 08



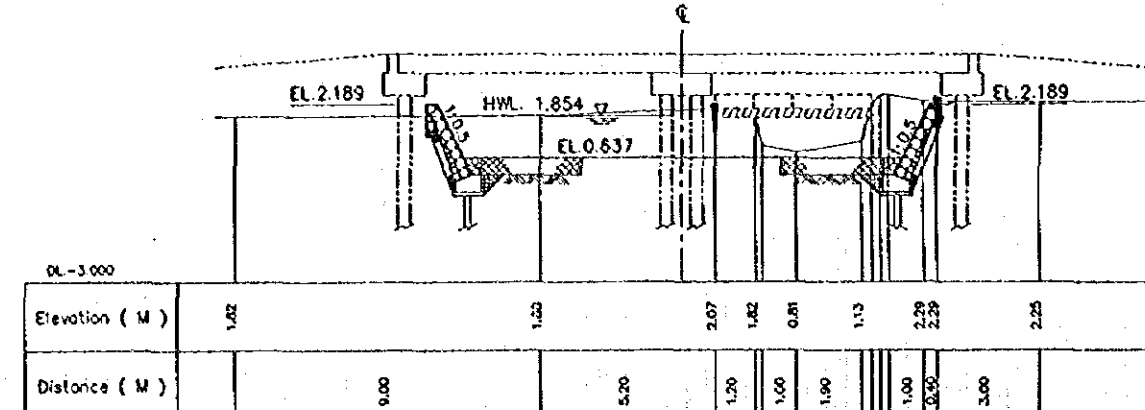
KE - 10



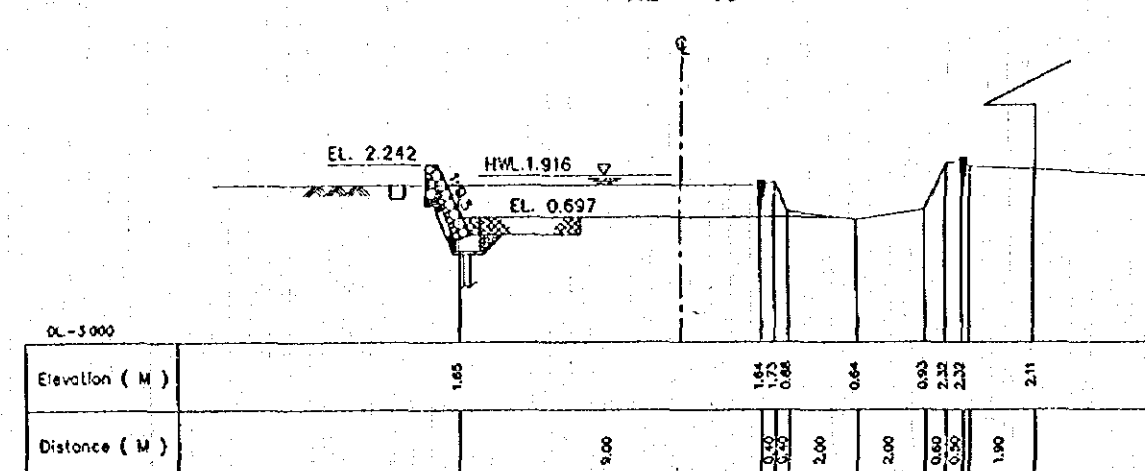
KE - 11



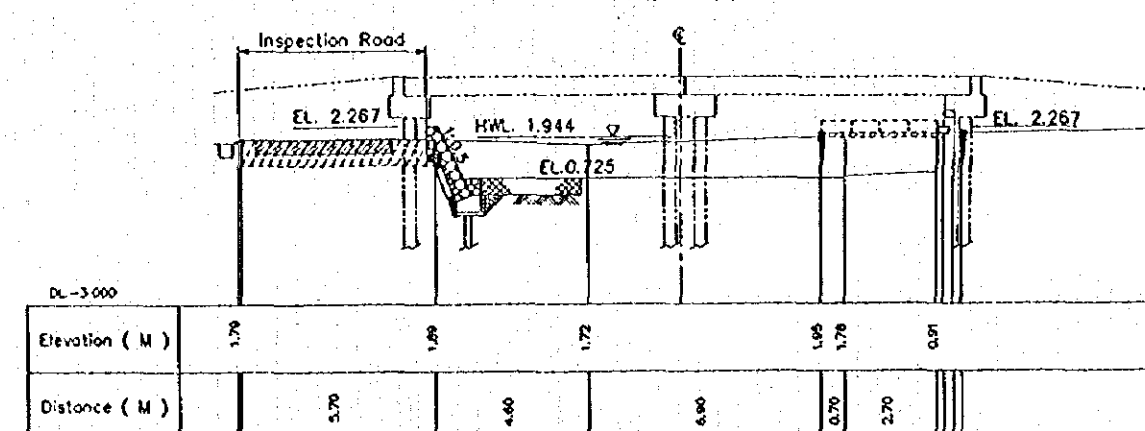
KE - 12



KE - 13

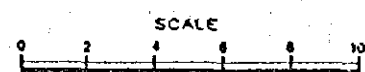


KE - 14



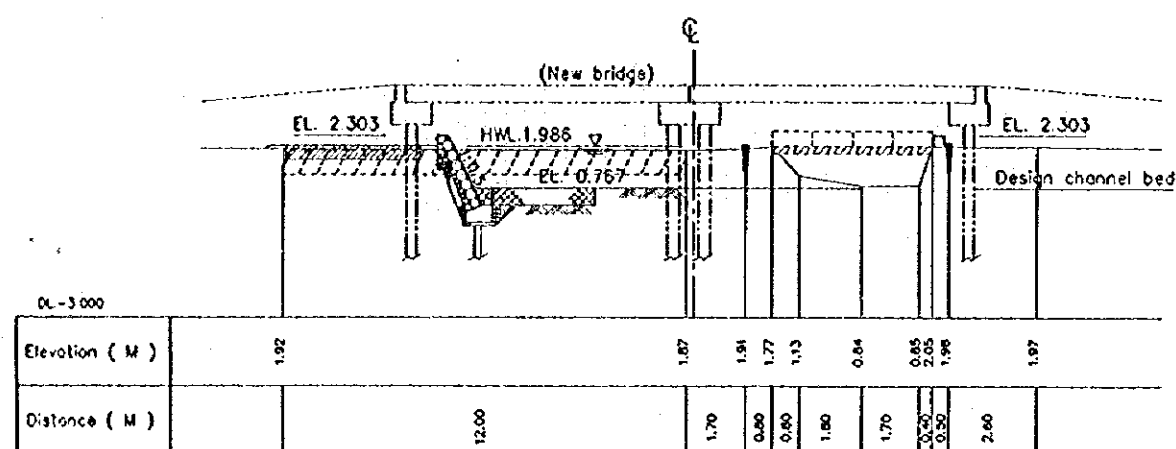
NOTE:

Datum Level : Mean Sea Level (170)

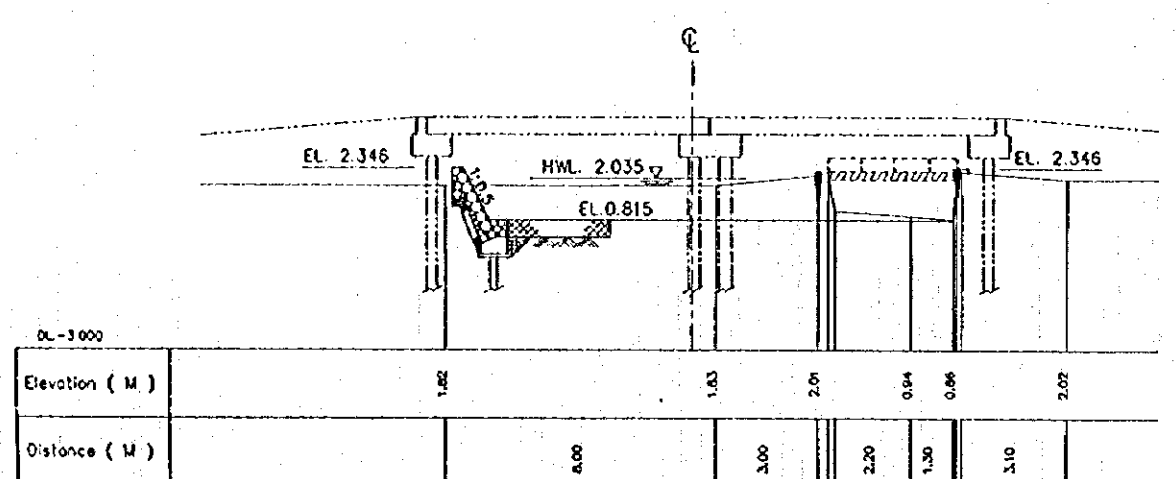


PREPARED.....	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
CHECKED.....	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL, CROSS SECTION,	
SUBMITTED.....		KAMAL DRAINAGE CHANNEL (BRANCH) (2/3)	
DATE.....	JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO.	DATE
REFERENCE	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	J-10-30-202	
	THE CITY OF JAKARTA		

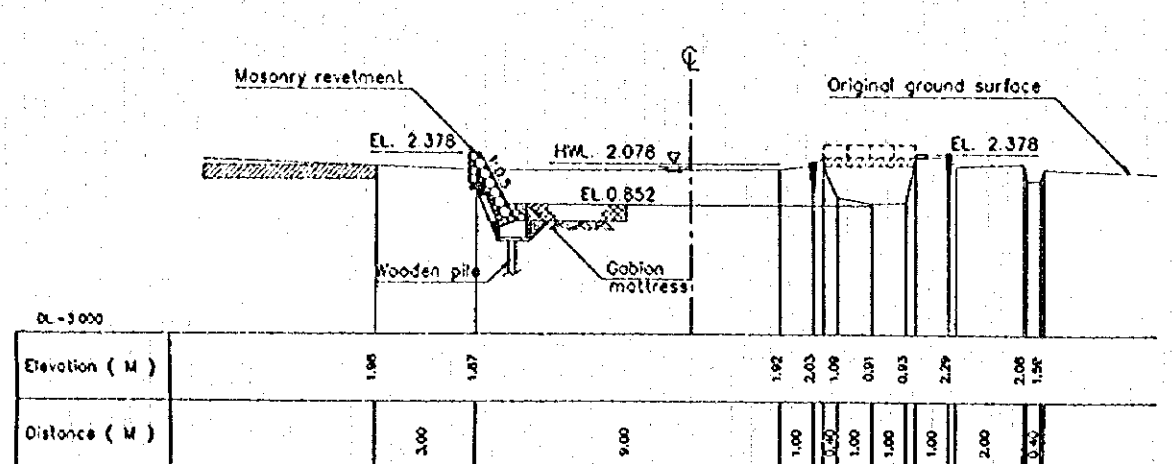
KE - 15



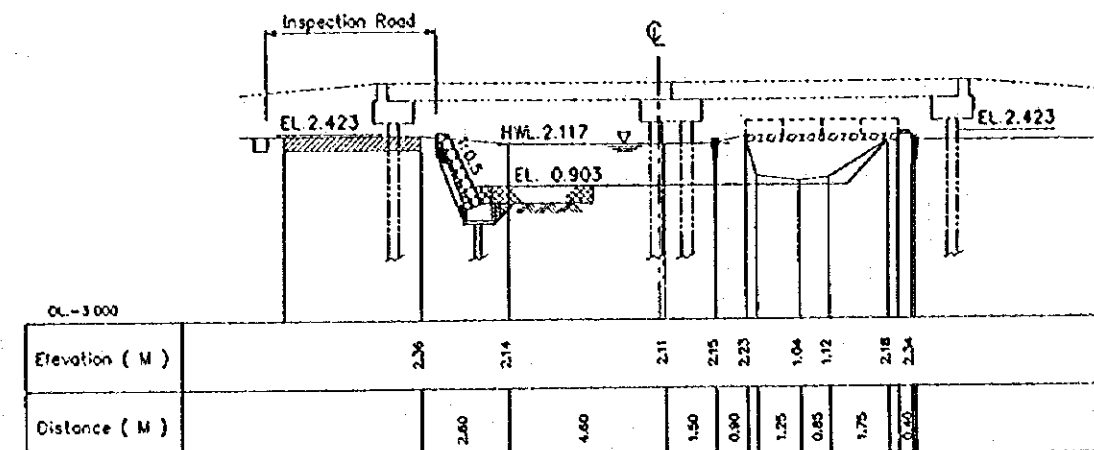
KE - 16



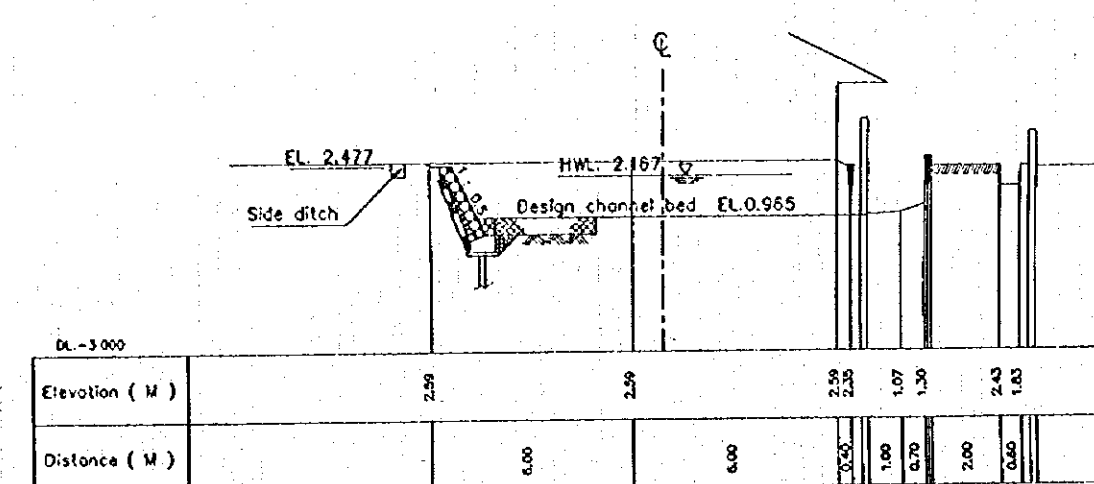
KE - 17



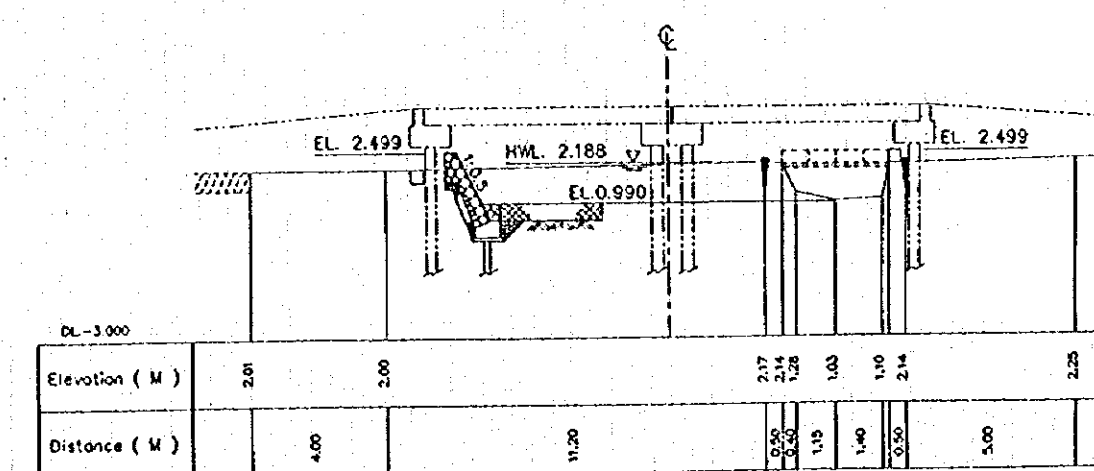
KE - 18



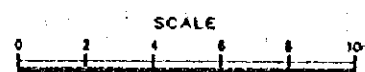
KE - 19



KE - 20

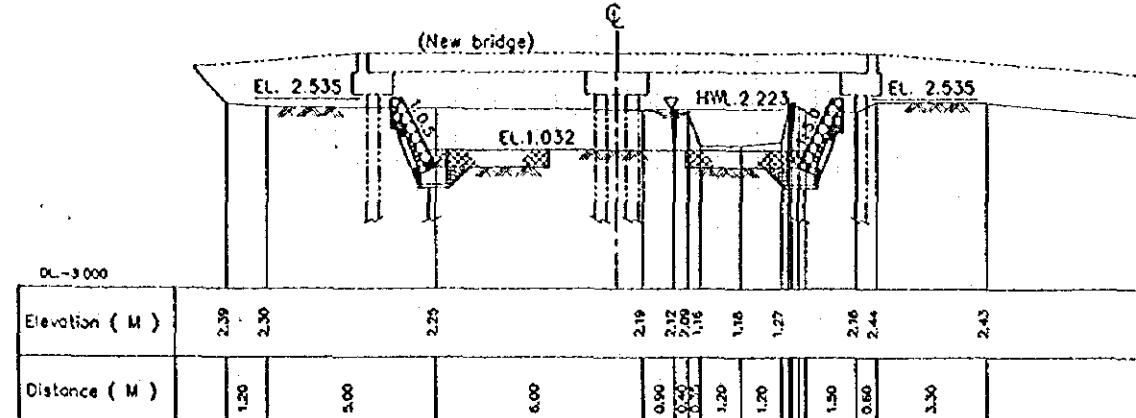


N.O.T.E :
Datum Level : Mean Sea Level (TTG)

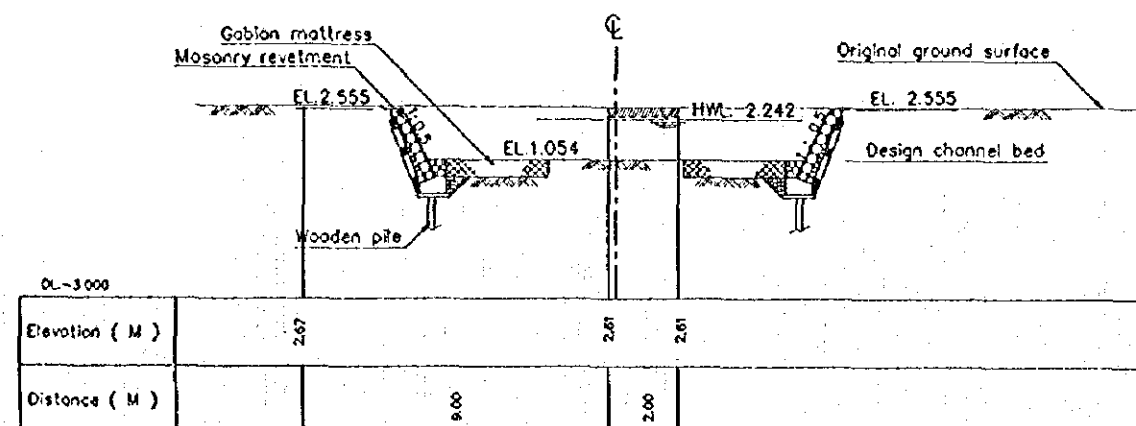


PREPARED	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
CHECKED	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL CROSS SECTION,	
SUBMITTED	JAPAN INTERNATIONAL COOPERATION AGENCY	KAMAL DRAINAGE CHANNEL (BRANCH) (3/5)	DATE
DATE	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	DWG NO.	
REFERENCE	THE CITY OF JAKARTA	J-10-30-203	

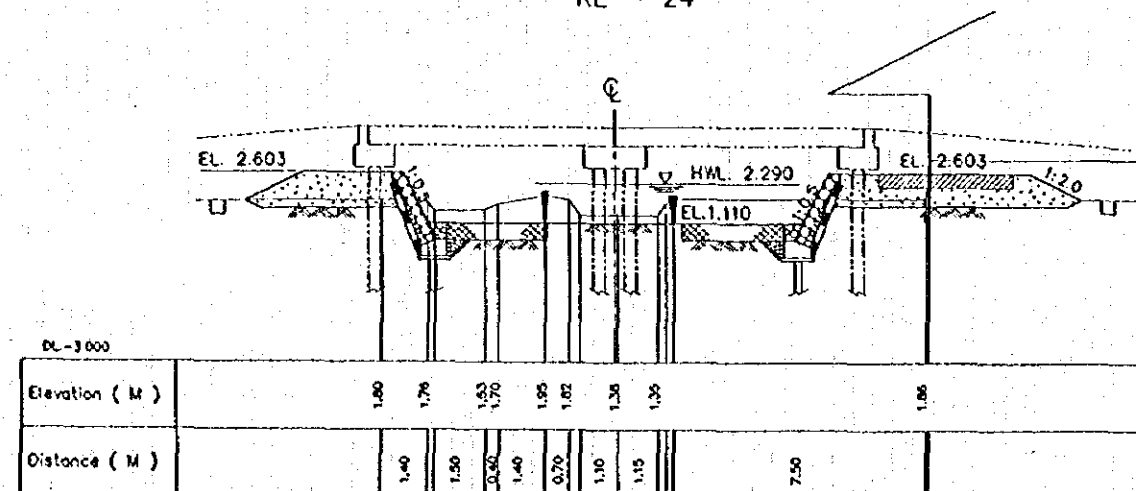
KE - 21



KE - 23

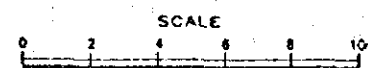


KE - 24



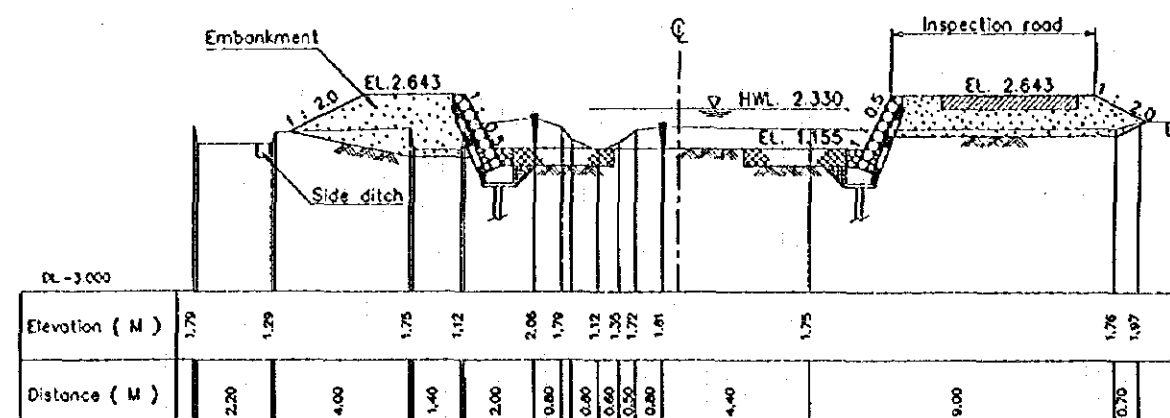
NOTE:

Datum Level : Mean Sea Level (TTC)

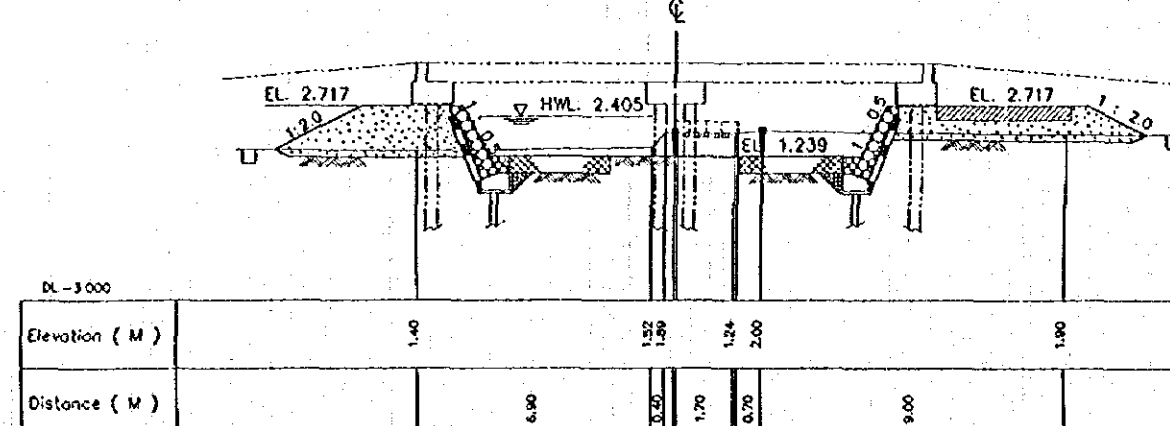


REFERENCE	NO.
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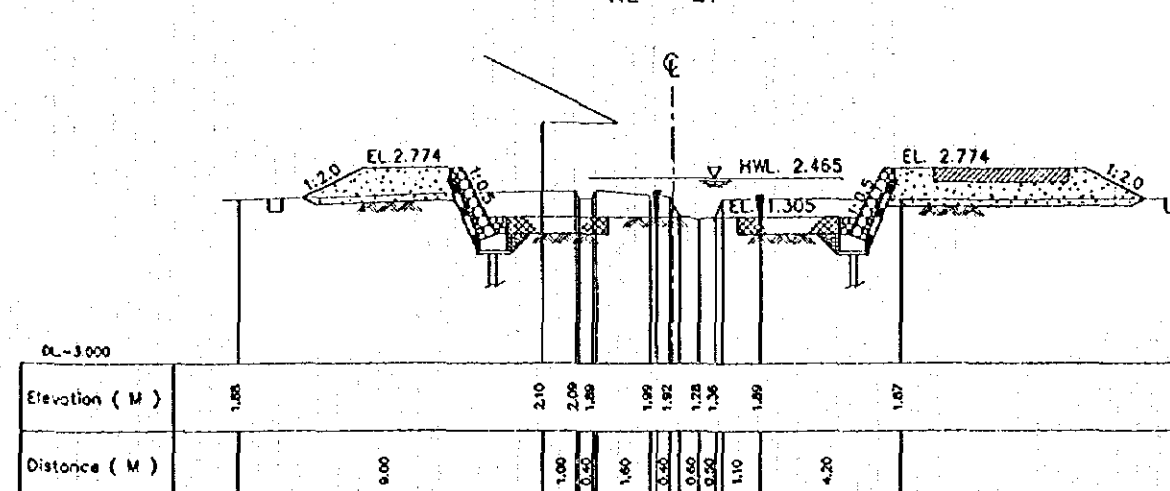
KE - 25



KE - 26



KE - 27



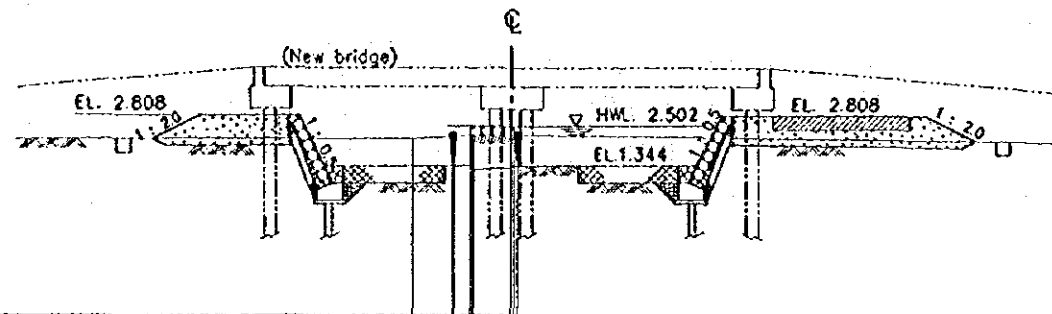
PREPARED	DATE
CHECKED	DATE
SUBMITTED	DATE

MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA

TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (BRANCH) (4/8)
DWG NO. J-10-30-204

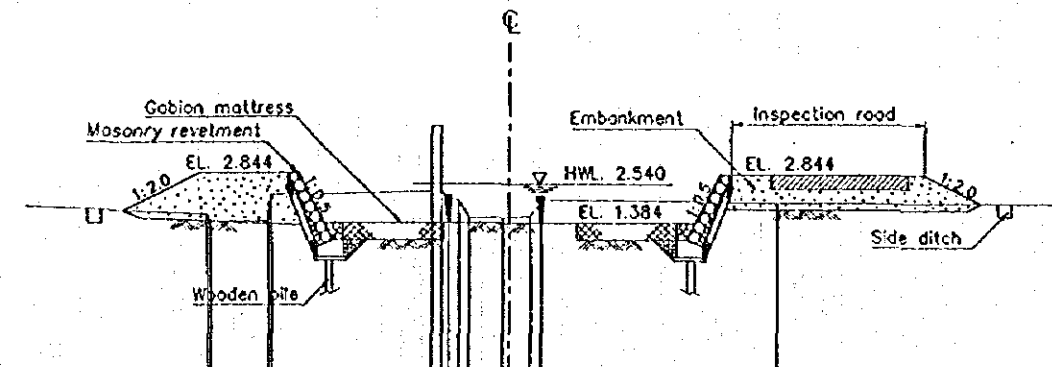
APPROVED
DATE

KE - 28



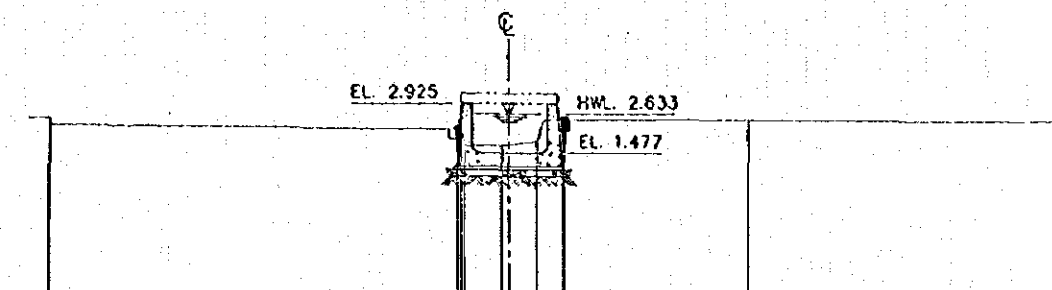
DL-3000	
Elevation (M)	2.17 2.28 2.28 1.3
Distance (M)	1.20 0.90 1.10

KE - 29



DL-3000	
Elevation (M)	1.85 1.45 2.38 1.58 1.62 2.05
Distance (M)	1.70 4.80 1.00 0.80 7.00

KE - 30

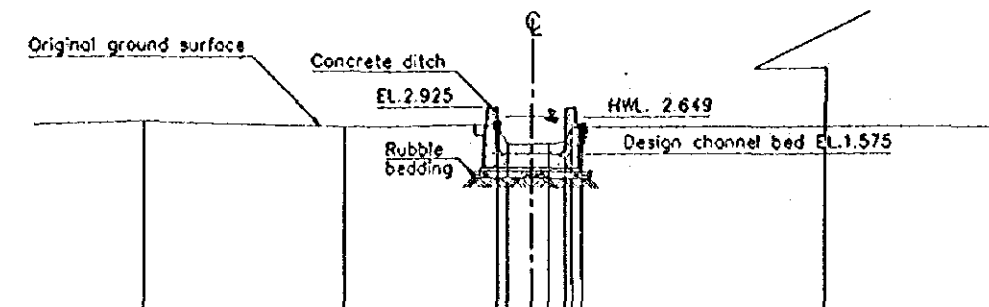


DL-3000	
Elevation (M)	2.4 2.21 1.74 1.85 2.49 2.51
Distance (M)	12.10 1.10 1.00 0.80 5.50

NOTE:
Datum Level : Mean Sea Level (TTC)

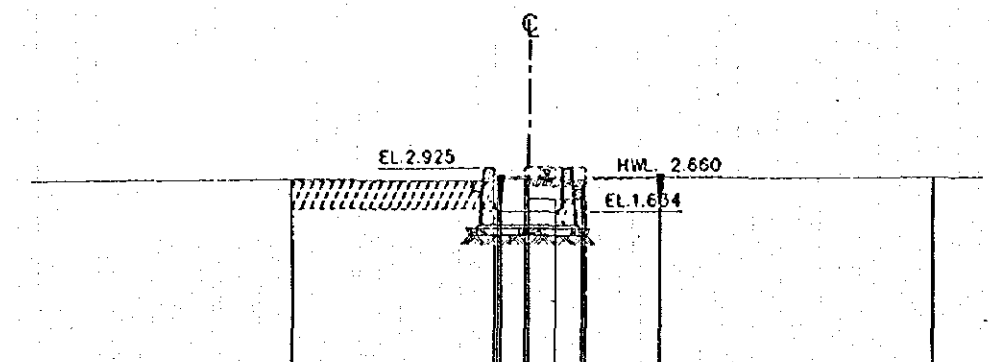


KE - 31



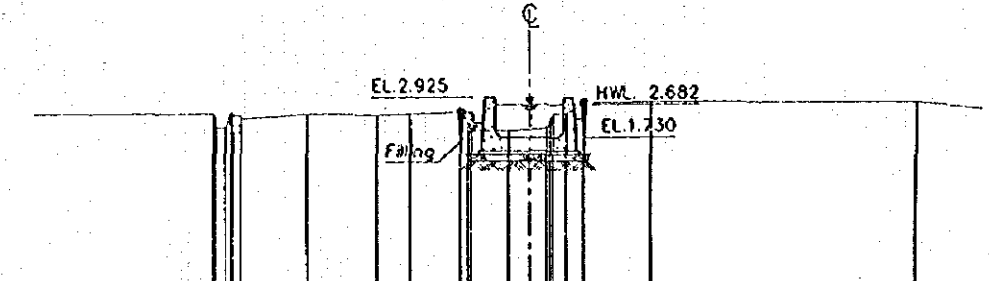
DL-3000	
Elevation (M)	2.3 2.3 2.45 1.88 1.98 2.40
Distance (M)	5.90 4.5 1.20 0.50 7.10

KE - 32



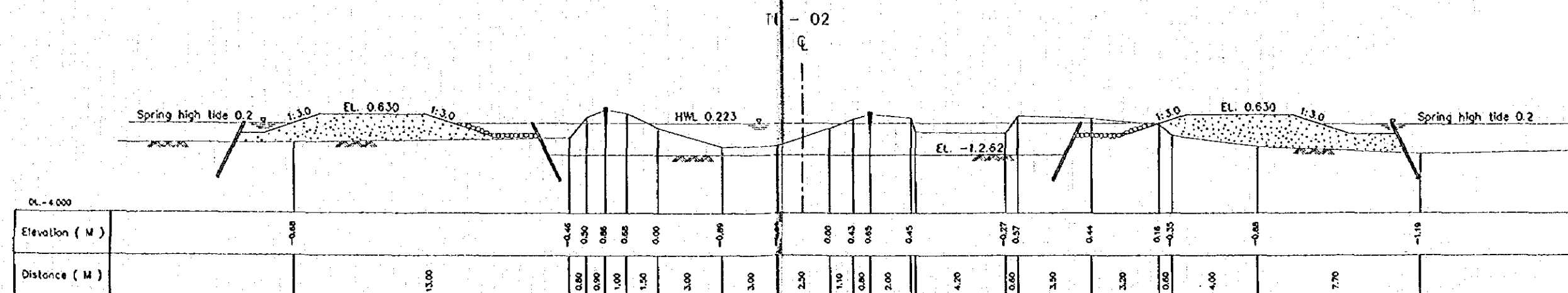
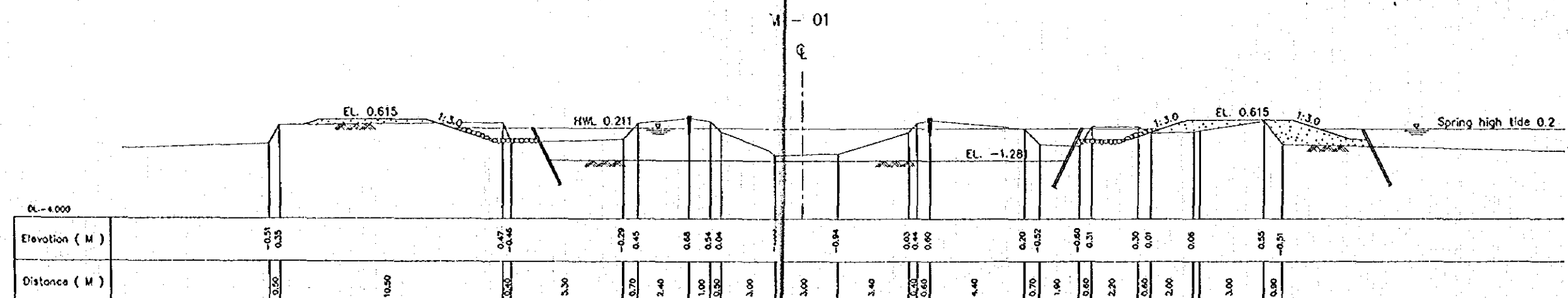
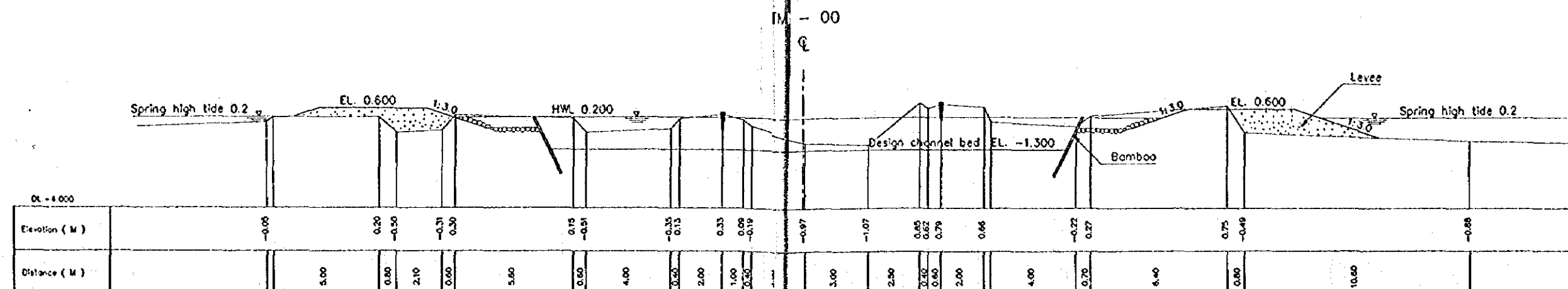
DL-3000	
Elevation (M)	2.63 2.56 2.62 2.04 2.04 2.58 2.67
Distance (M)	6.00 0.70 0.80 0.80 2.20 8.00

KE - 33



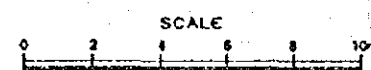
DL-3000	
Elevation (M)	2.47 2.44 2.43 2.46 2.51 1.97 2.05 2.49 2.81 2.82 2.81
Distance (M)	2.00 2.00 1.00 1.50 1.10 1.10 0.50 0.50 2.00 7.80

		PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, KAMAL DRAINAGE CHANNEL (BRANCH) (5/5)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-205	DATE
REFERENCE	CS NO.	DATE.....			



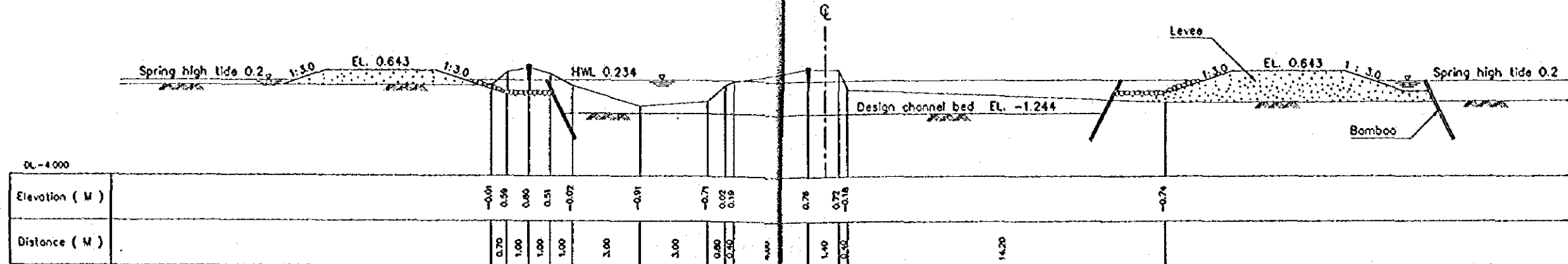
NOTE:

Datum Level : Mean Sea Level (TIG)

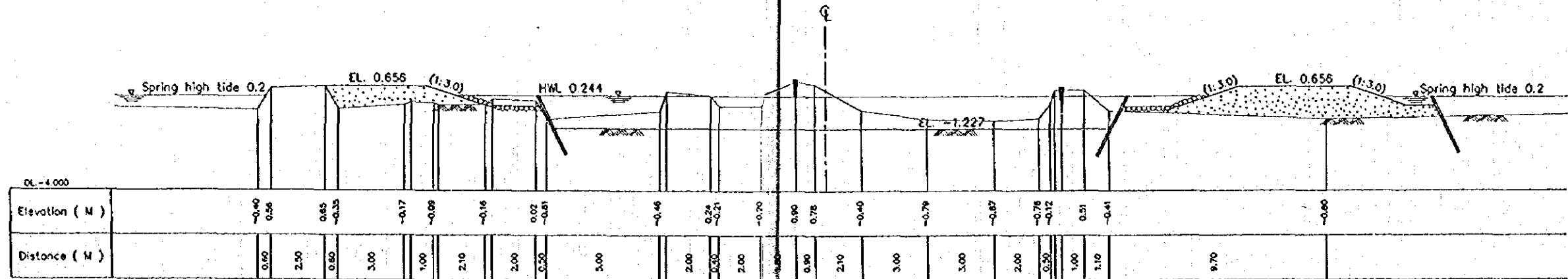


REFERENCE	C/S NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING	APPROVED	
		CHECKED.....		DRAINAGE CHANNEL, CROSS SECTION, TANJUNGAN DRAINAGE CHANNEL (1/9)		
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO.	J-10-30-301	DATE
		DATE.....				

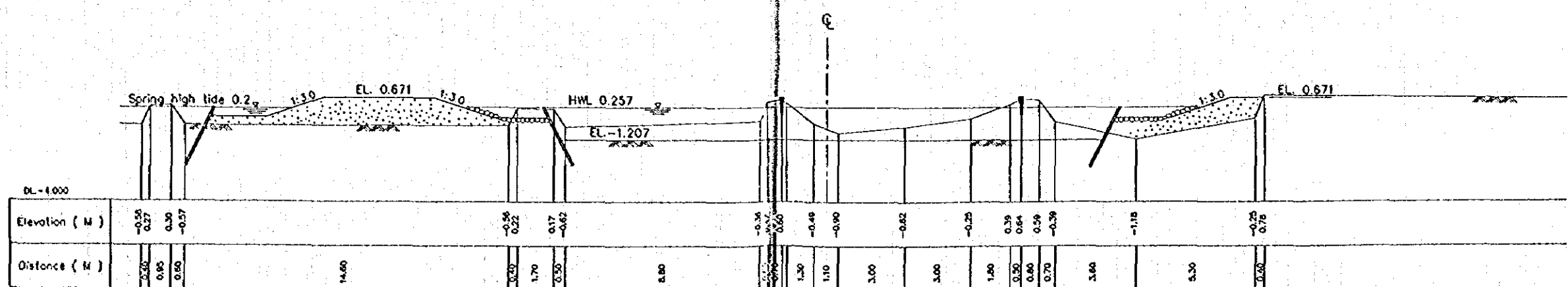
TM -- 03



TM -- 04

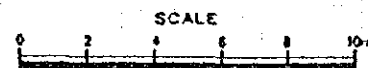


TM -- 05

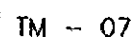


NOTE :

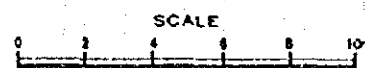
Datum Level : Mean Sea Level (TIG)



REFERENCE	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL CROSS SECTION, TANJUNGPAN DRAINAGE CHANNEL (2/8)	APPROVED
	CHECKED.....			
	SUBMITTED.....			
	DATE.....			
C. NO.	J-10-30-302	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT THE CITY OF JAKARTA	DWG NO.	DATE

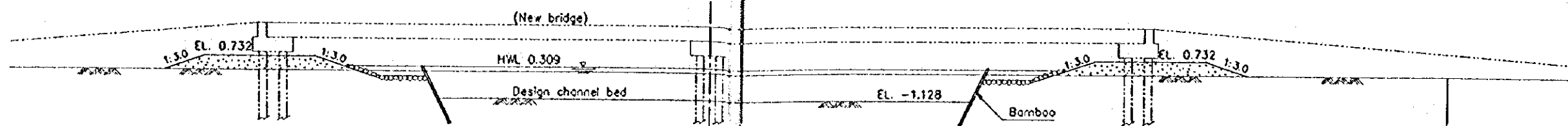


Datum Level : Mean Sea Level (ITG)



REFERENCE	NO.	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING	APPROVED
		CHECKED.....		DRAINAGE CHANNEL, CROSS SECTION, TANJUNGPURA DRAINAGE CHANNEL (3/8)	
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO.	DATE
		DATE.....		J-10-30-303	

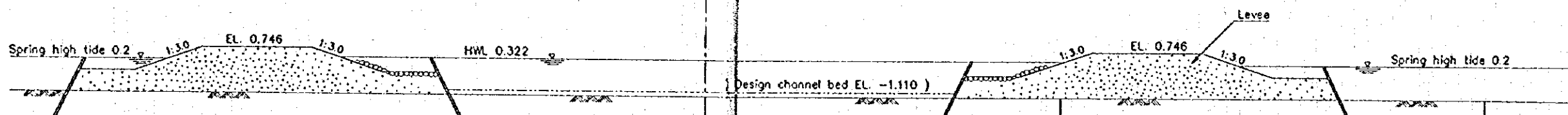
TM - 0



DL - 4.000

Elevation (M)	
Distance (M)	

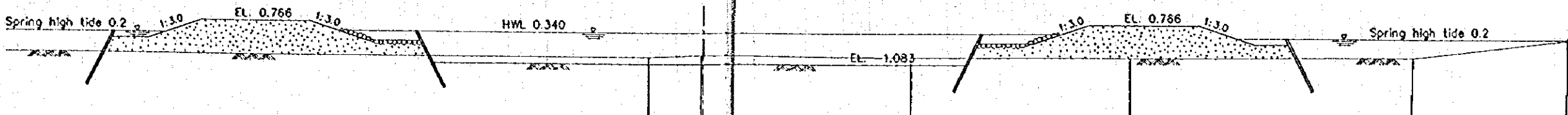
TM - 1



DL - 4.000

Elevation (M)	
Distance (M)	

TM - 15

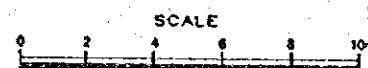


DL - 4.000

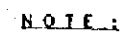
Elevation (M)	
Distance (M)	

NOTE :

Datum Level : Mean Sea Level (TIG)



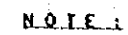
PREPARED	MINISTRY OF PUBLIC WORKS	TITLE OF DRAWING	APPROVED
CHECKED	DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	DRAINAGE CHANNEL, CROSS SECTION,	
SUBMITTED	JAPAN INTERNATIONAL COOPERATION AGENCY	TANJUNGPAN DRAINAGE CHANNEL (4/9)	
DATE	THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	DWG NO.	DATE
REFERENCE	THE CITY OF JAKARTA	J-10-30-304	




Datum Level : Mean Sea Level (TIG)



<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto;"></div>	PREPARED.....	MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, TANJUNGPURA DRAINAGE CHANNEL (5/9)	APPROVED
	CHECKED.....			
	SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT IN THE CITY OF JAKARTA	DWG NO. J-10-30-305	DATE
	DATE.....			
REFERENCE	C.D. NO.			



SCALE



A horizontal scale bar with markings at 0, 2, 4, 6, 8, and 10.

		PREPARED.....	MINISTRY OF PUBLIC WORK DIRECTORATE GENERAL OF HUMAN SETTLEMENTS	TITLE OF DRAWING DRAINAGE CHANNEL, CROSS SECTION, TANJUNGAN DRAINAGE CHANNEL (8/8)	APPROVED
		CHECKED.....			
		SUBMITTED.....	JAPAN INTERNATIONAL COOPERATION AGENCY THE DETAILED DESIGN FOR URBAN DRAINAGE PROJECT	DWG NO. J-10-30-308	DATE
REFERENCE	C# NO.	DATE.....	THE CITY OF JAKARTA		