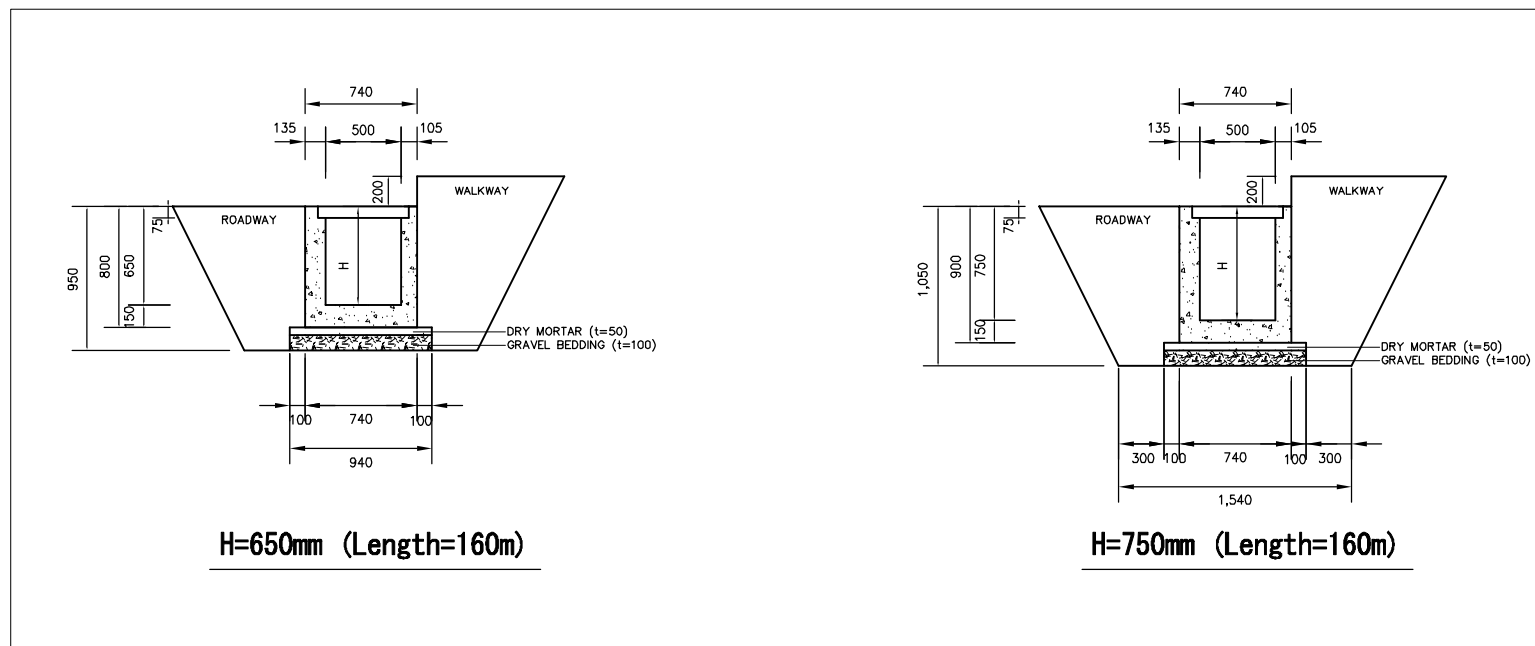


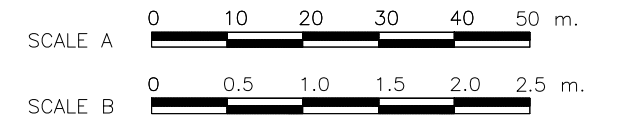
**LEGEND**

PROPOSED	—	DRAINAGE PIPE
	□	MANHOLE
	—	INLET PIPE
EXISTING	---	DRAINAGE PIPE
UNDER GROUND FACILITIES	---	EDC
	---	NATIONAL RADIO PIPES
	---	TEL (CAMITEL)
	---	TEL (PRIMARY)
	---	TEL (SECONDARY)
	---	WATER SUPPLY

**PLAN**  
SCALE A



**TYPICAL SECTION**  
SCALE B

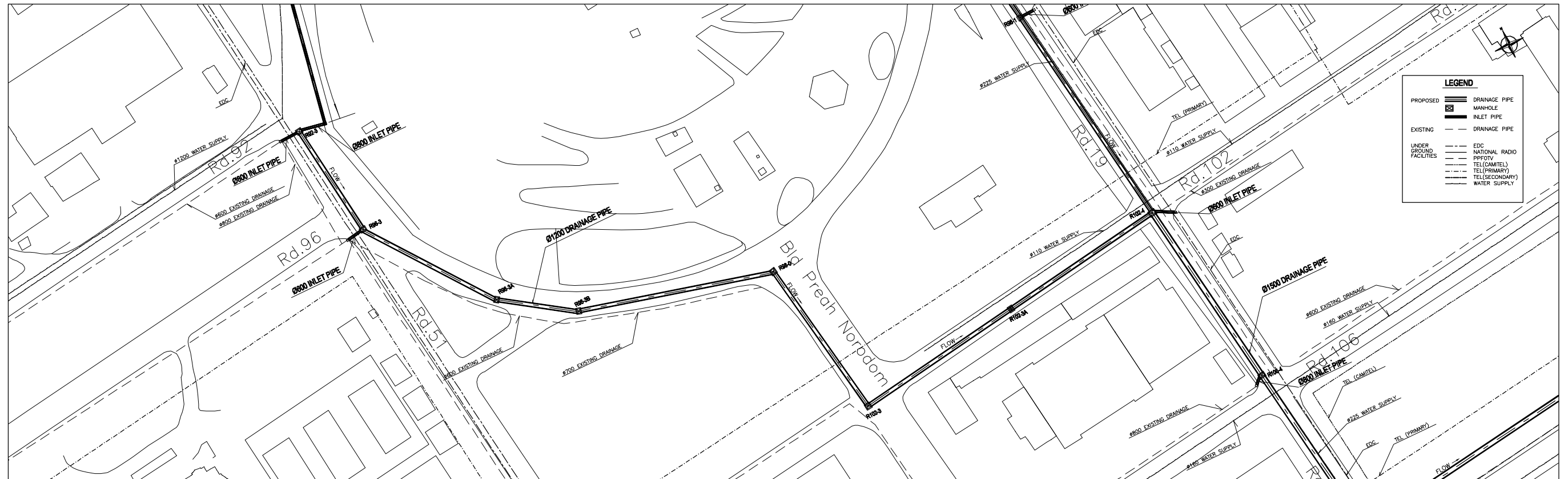


The Basic Design Study on Flood Protection and Drainage Improvement Project in the Municipality of Phnom Penh (Phase II)

Drawing No. DM-WP-01

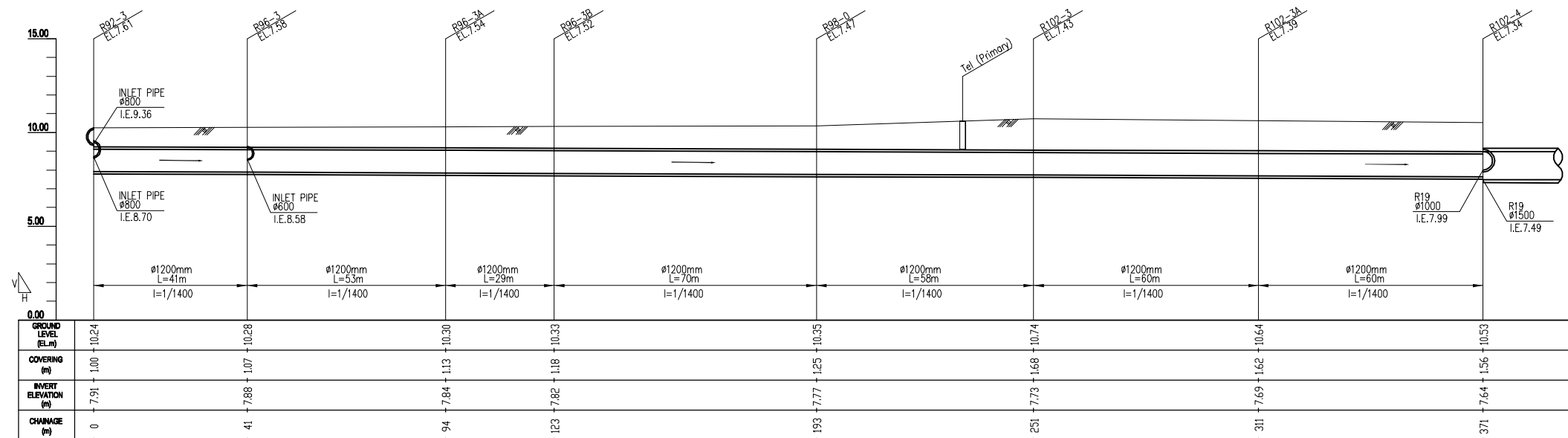
**JICA** JAPAN INTERNATIONAL COOPERATION AGENCY  
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**NIPPO** NIPPON KOEI CO., LTD.

Plan & Profile  
R51 Drainage Main (1/2)



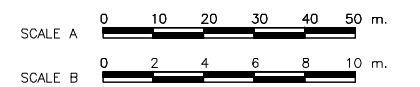
**PLAN** (Manhole No. fr. R92-3 to R102-4)

SCALE A



**PLOFILE** (Manhole No. fr. R92-3 to R102-4)

H: SCALE A V: SCALE B

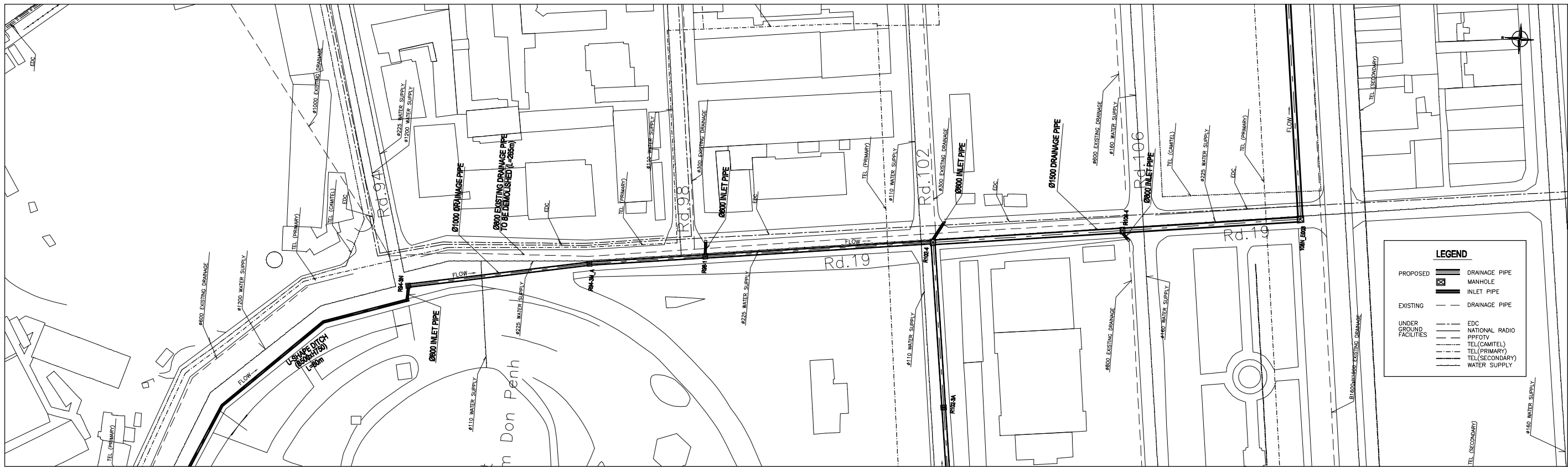


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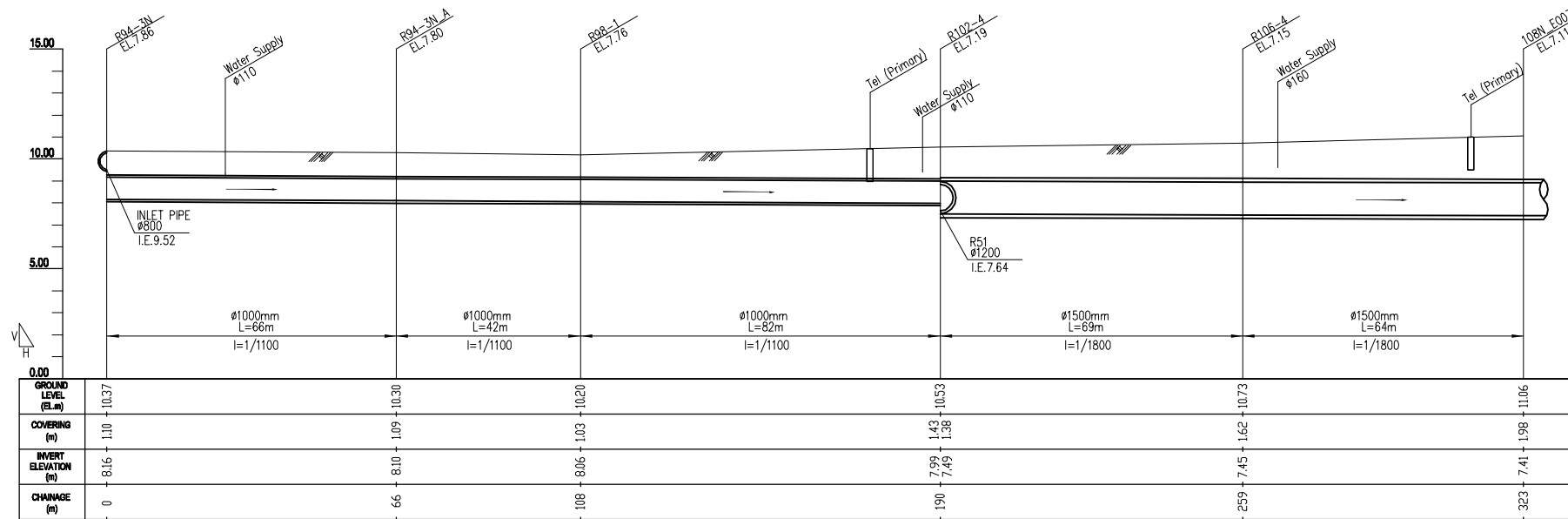
**JICA** JAPAN INTERNATIONAL COOPERATION AGENCY  
**CTI** CTI ENGINEERING INTERNATIONAL CO., LTD.  
**NIPPON KOEI CO., LTD.**

Drawing No. DM-WP-02

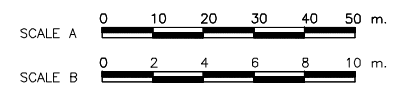
Plan & Profile  
 R51 Drainage Main (2/2)



**PLAN** (Manhole No. fr. R94-3N to 108N\_E003)  
SCALE A



**PROFILE** (Manhole No. fr. R94-3N to 108N\_E003)  
H: SCALE A V: SCALE B

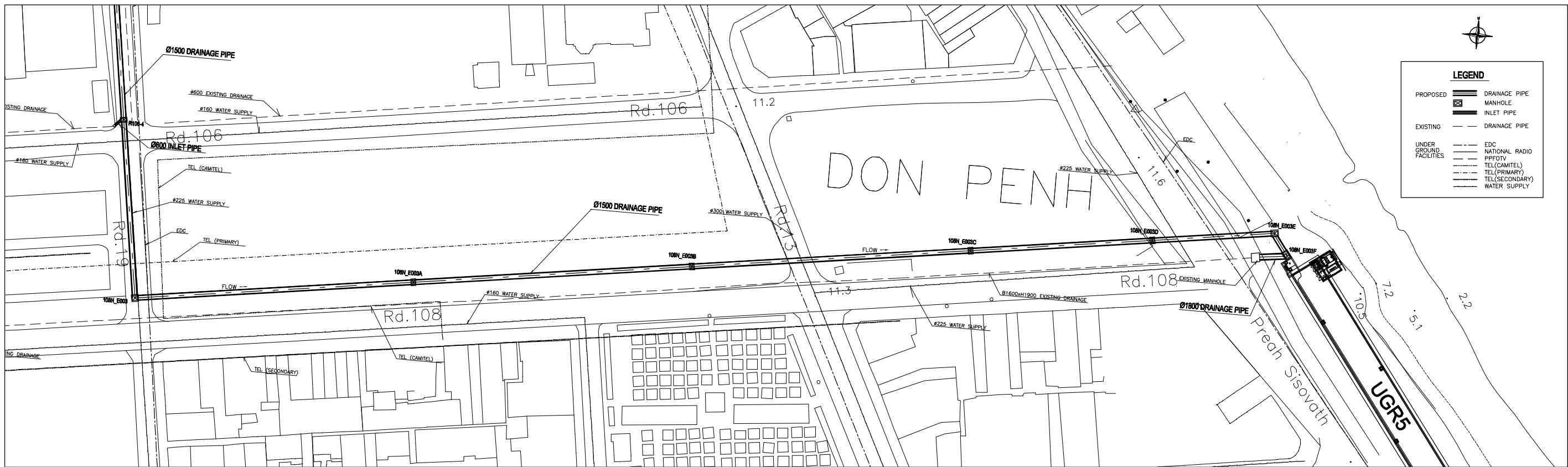


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Drawing No. DM-WP-03

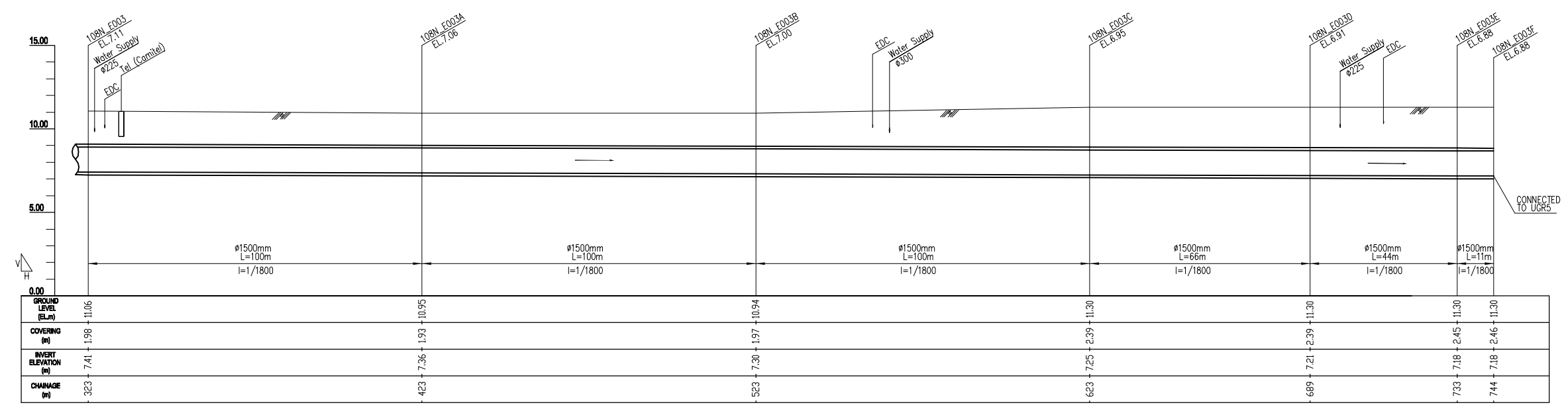
Plan & Profile  
R19 Drainage Main (1/2)



**LEGEND**

PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PIFFOTV
	TEL(CAMITEL)
	TEL(PRIMARY)
	TEL(SECONDARY)
	WATER SUPPLY

**PLAN** (Manhole No. fr. 108N\_E003 to 108N\_E003F)  
SCALE A



**PROFILE** (Manhole No. fr. 108N\_E003 to 108N\_E003F)  
H: SCALE A V: SCALE B

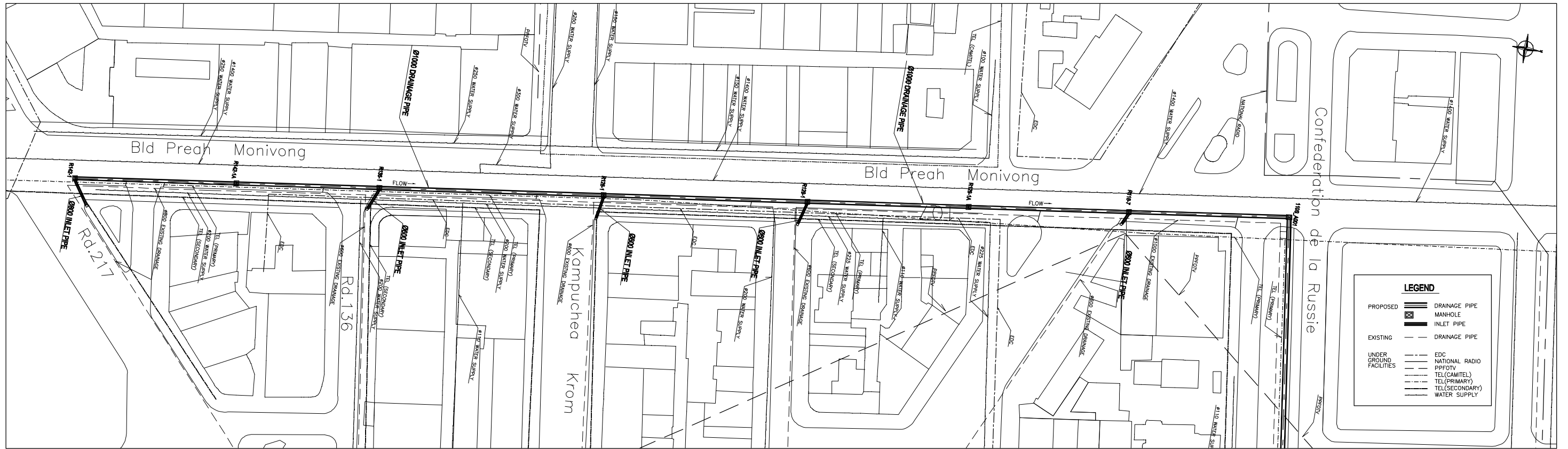


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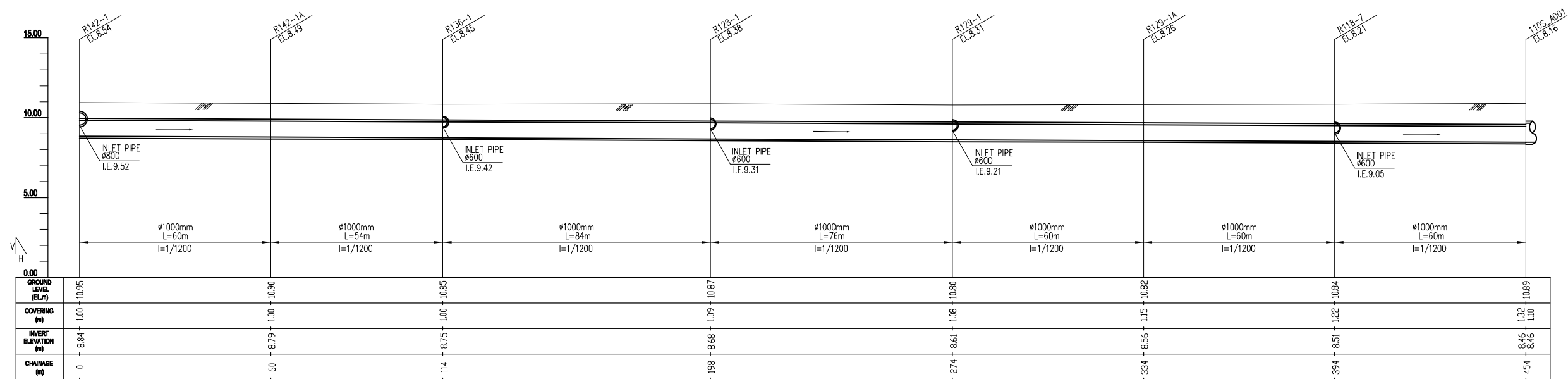
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Drawing No. DM-WP-04

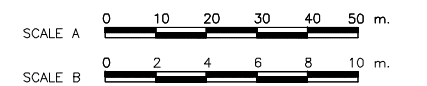
Plan & Profile  
R19 Drainage Main (2/2)



**PLAN** (Manhole No. fr. R142-1 to 110S\_A001)  
SCALE A



**PROFILE** (Manhole No. fr. R142-1 to 110S\_A001)  
H: SCALE A V: SCALE B

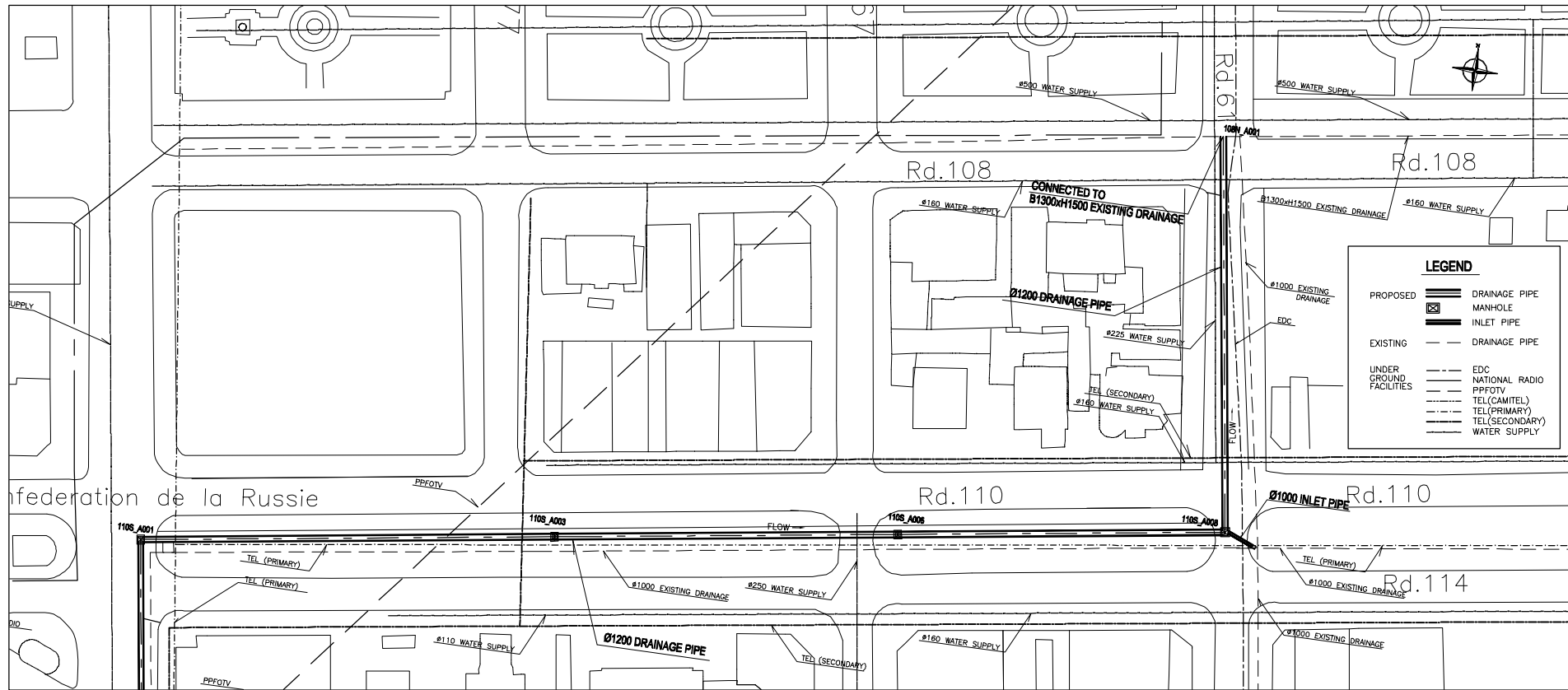


The Basic Design Study on Flood Protection and Drainage Improvement Project in the Municipality of Phnom Penh (Phase II)

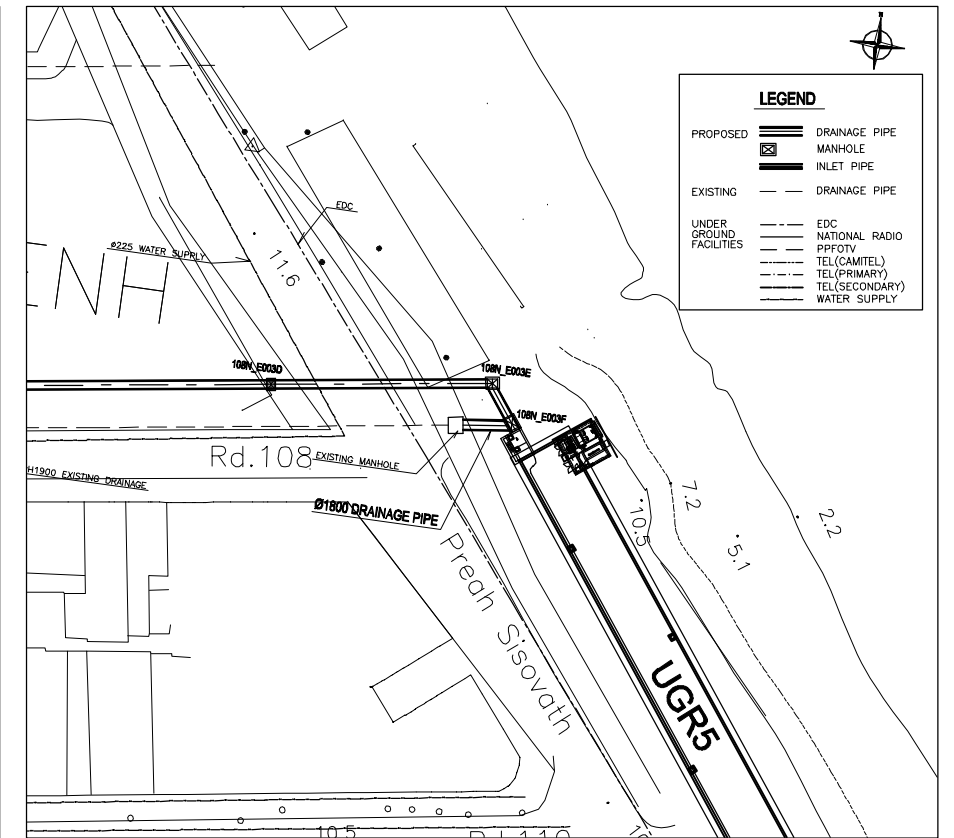
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Drawing No. DM-CM-01

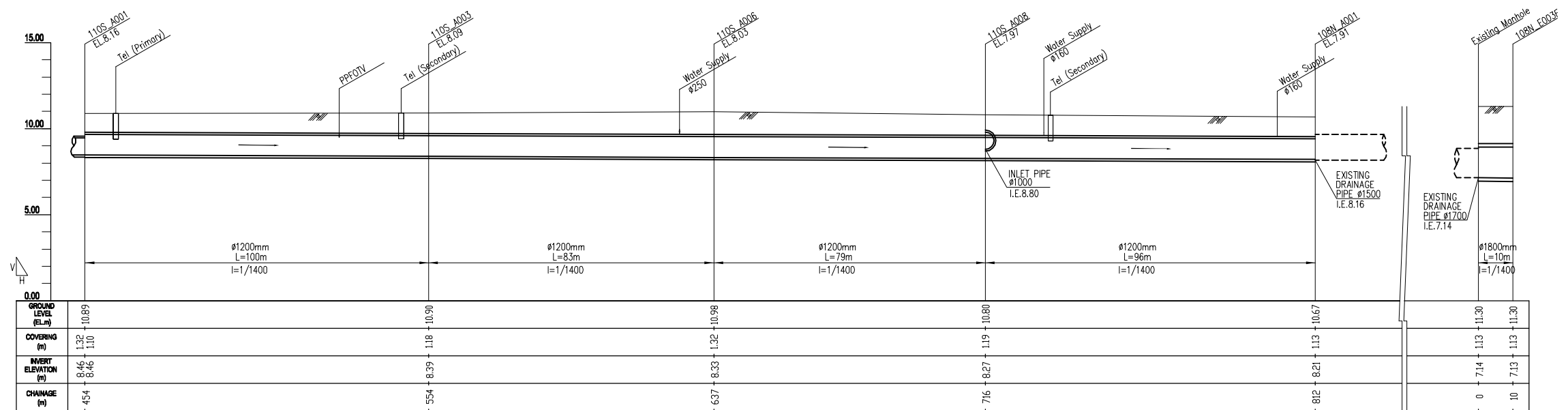
Plan & Profile  
Monivong Drainage Main



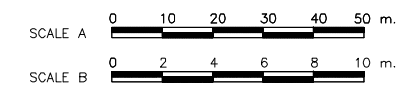
**PLAN** (Manhole No. fr. 110S\_A001 to 108N\_A001)  
SCALE A



**PLAN** (Manhole No. fr. Existing Manhole to 108N\_E003F)  
SCALE A



**PROFILE** (Manhole No. fr. 110S\_A001 to 108N\_A001)  
(Manhole No. fr. Existing Manhole to 108N\_E003F)  
H: SCALE A V: SCALE B

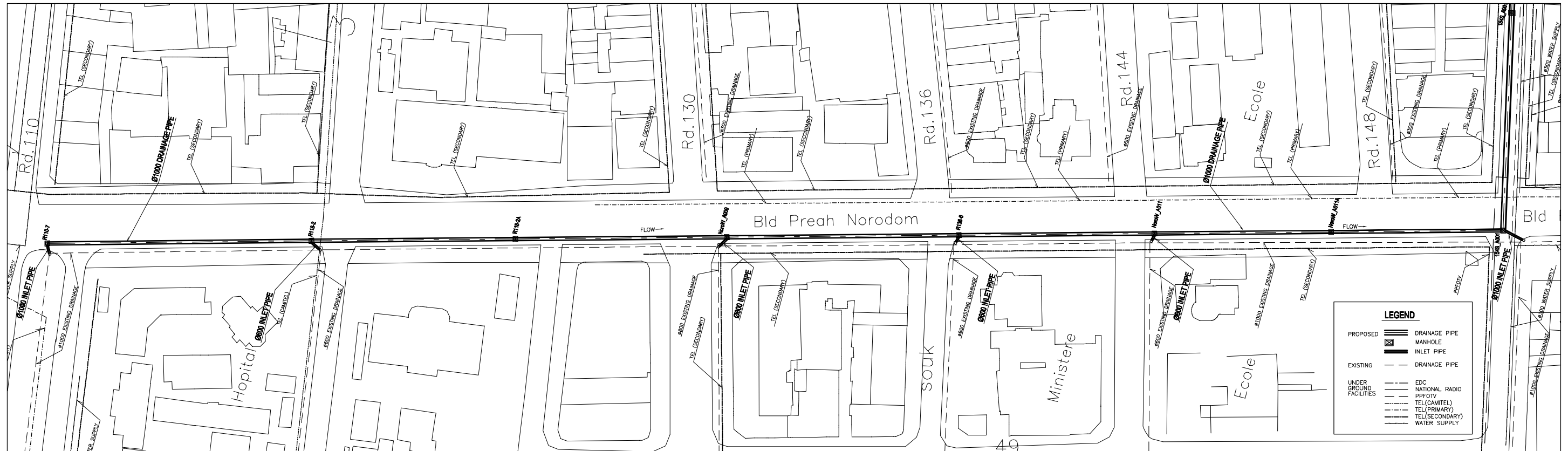


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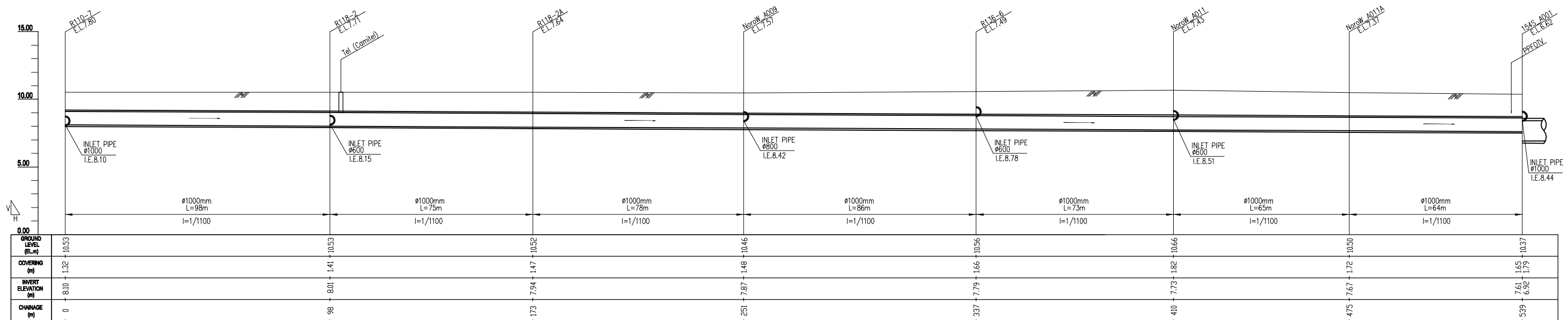
Drawing No. DM-CM-02

Plan & Profile  
R110 & R108 Drainage Main



**PLAN** (Manhole No. fr. R110-7 to 154S\_A001)

SCALE A



**PROFILE** (Manhole No. fr. R110-7 to 154S\_A001)

H: SCALE A V: SCALE B



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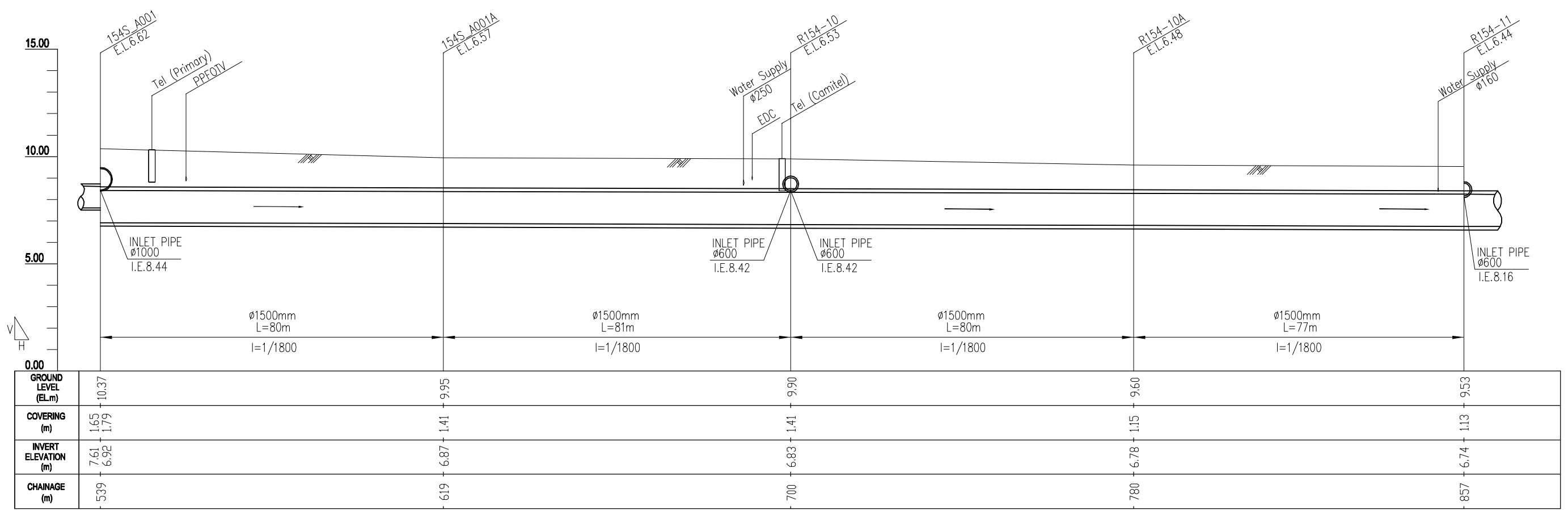
Drawing No. DM-CM-03

Plan & Profile  
Norodom Drainage Main



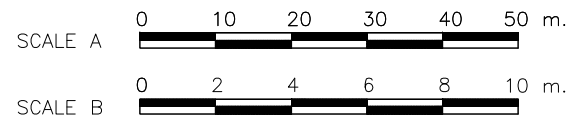
**PLAN** (Manhole No. fr. 154S\_A001 to R154-11)

SCALE A



**PROFILE** (Manhole No. fr. 154S\_A001 to R154-11)

H: SCALE A V: SCALE B



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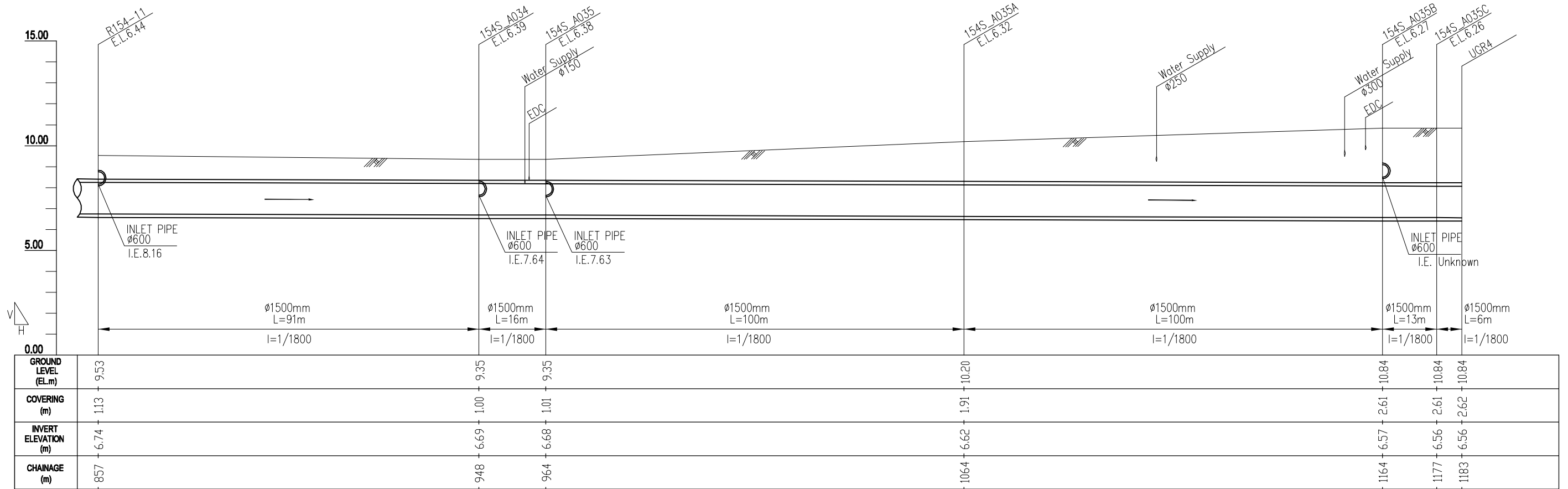
Drawing No. DM-CM-04

Plan & Profile  
R154 Drainage Main (1/2)





**PLAN** (Manhole No. fr. R154-11 to UGR4)  
SCALE A



**PROFILE** (Manhole No. fr. R154-11 to UGR4)  
H: SCALE A V: SCALE B

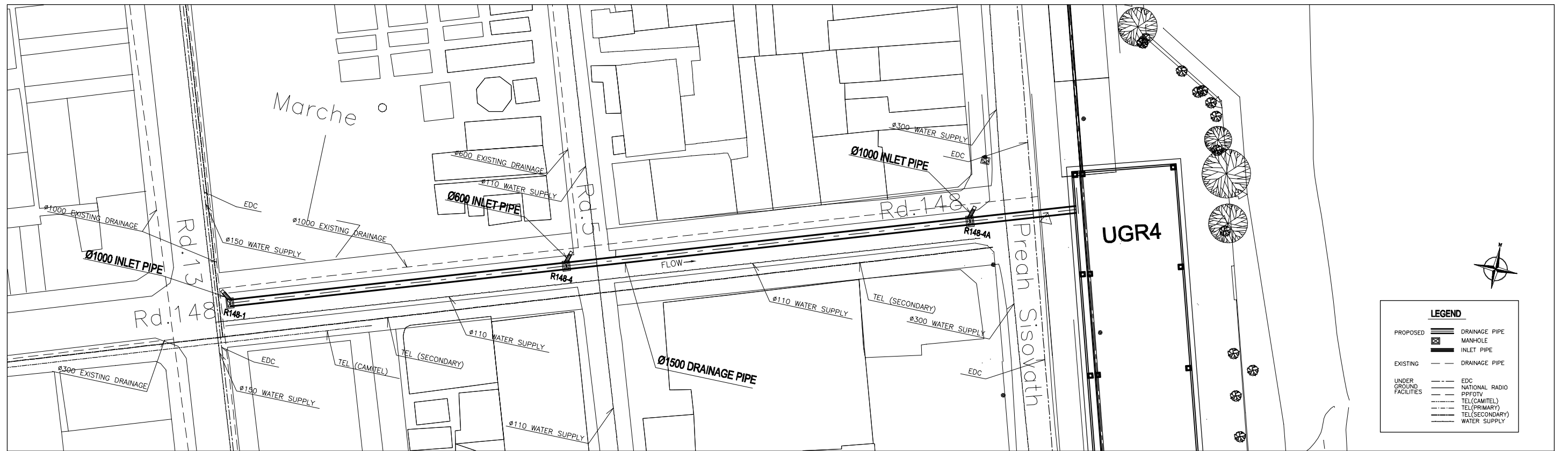


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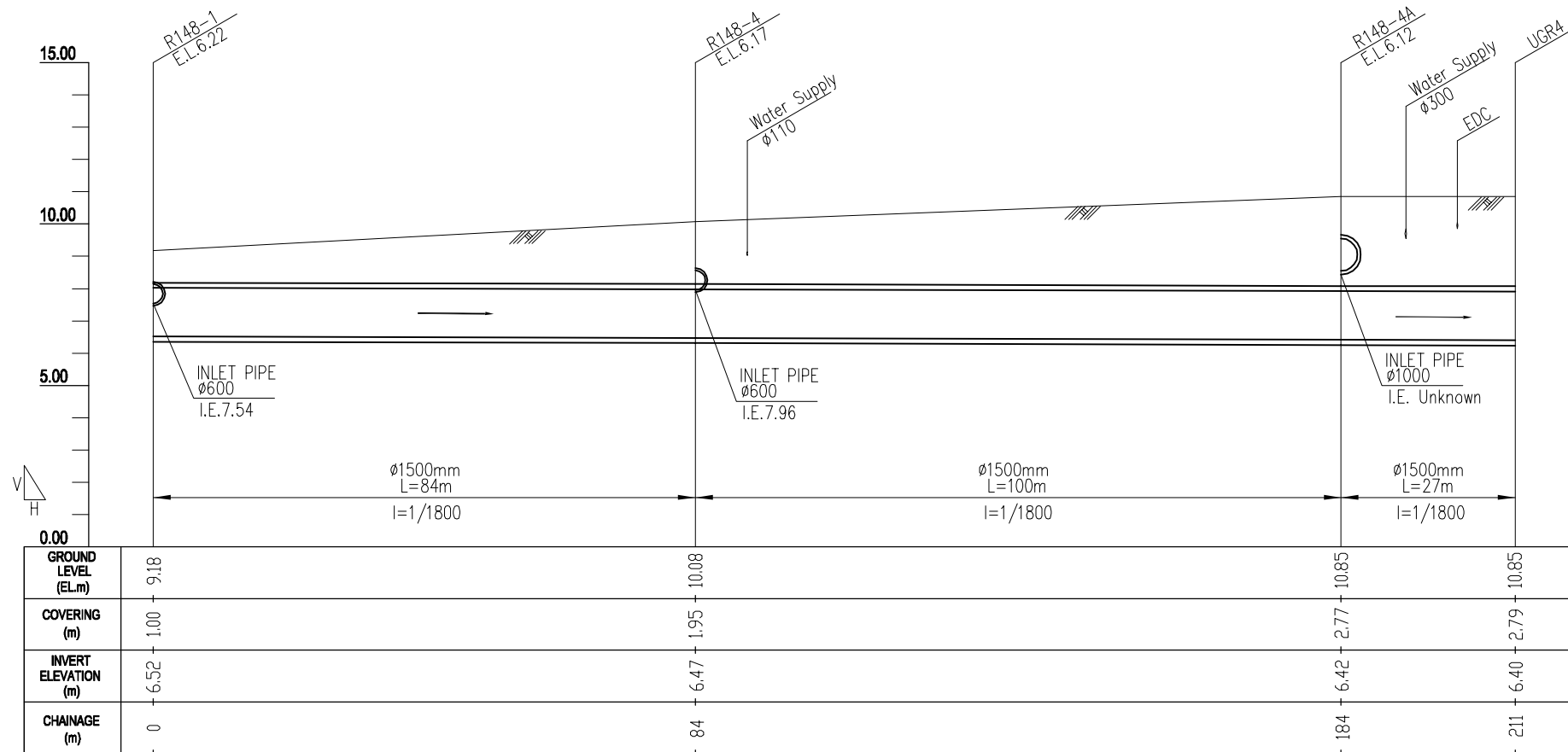
Drawing No. DM-CM-05

Plan & Profile  
R154 Drainage Main (2/2)



**PLAN** (Manhole No. fr. R148-1 to UGR4)

SCALE A



**PROFILE** (Manhole No. fr. R148-1 to UGR4)

H: SCALE A V: SCALE B



The Basic Design Study on Flood Protection and Drainage Improvement Project in the Municipality of Phnom Penh (Phase II)

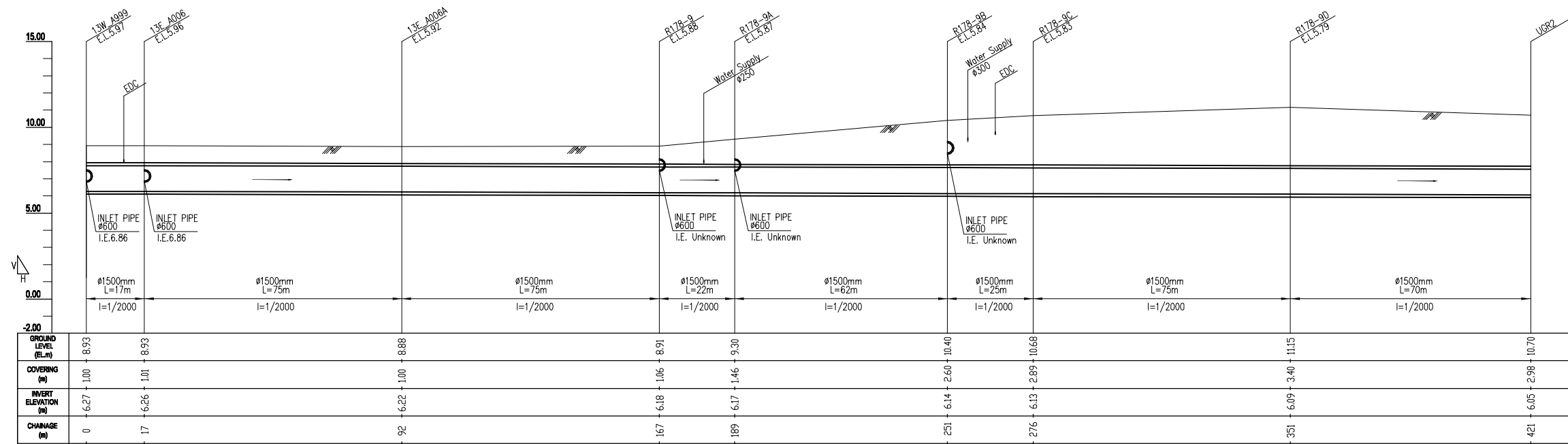
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**CTI** CTI ENGINEERING INTERNATIONAL CO., LTD.  
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Drawing No. DM-CM-06

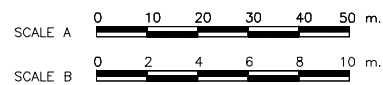
Plan & Profile  
 R148 Drainage Main



**PLAN** (Manhole No. fr. 13W\_A999 to UGR2)  
SCALE A



**PROFILE** (Manhole No. fr. 13W\_A999 to UGR2)  
H: SCALE A V: SCALE B

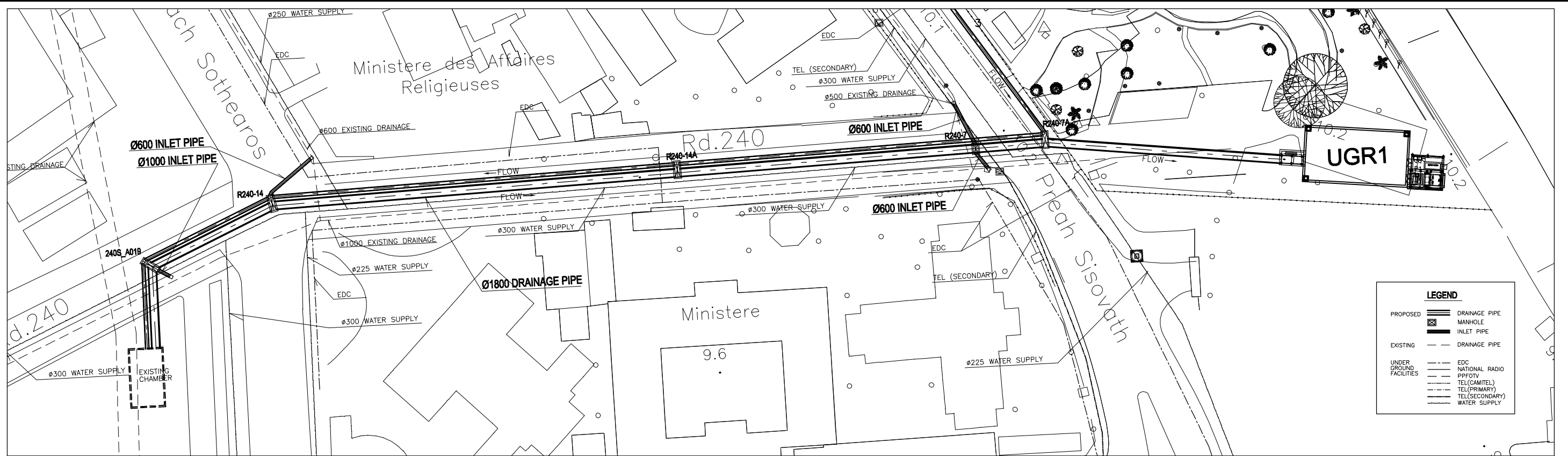


The Basic Design Study on Flood Protection and Drainage Improvement Project in the Municipality of Phnom Penh (Phase II)

Drawing No. DM-RN-01

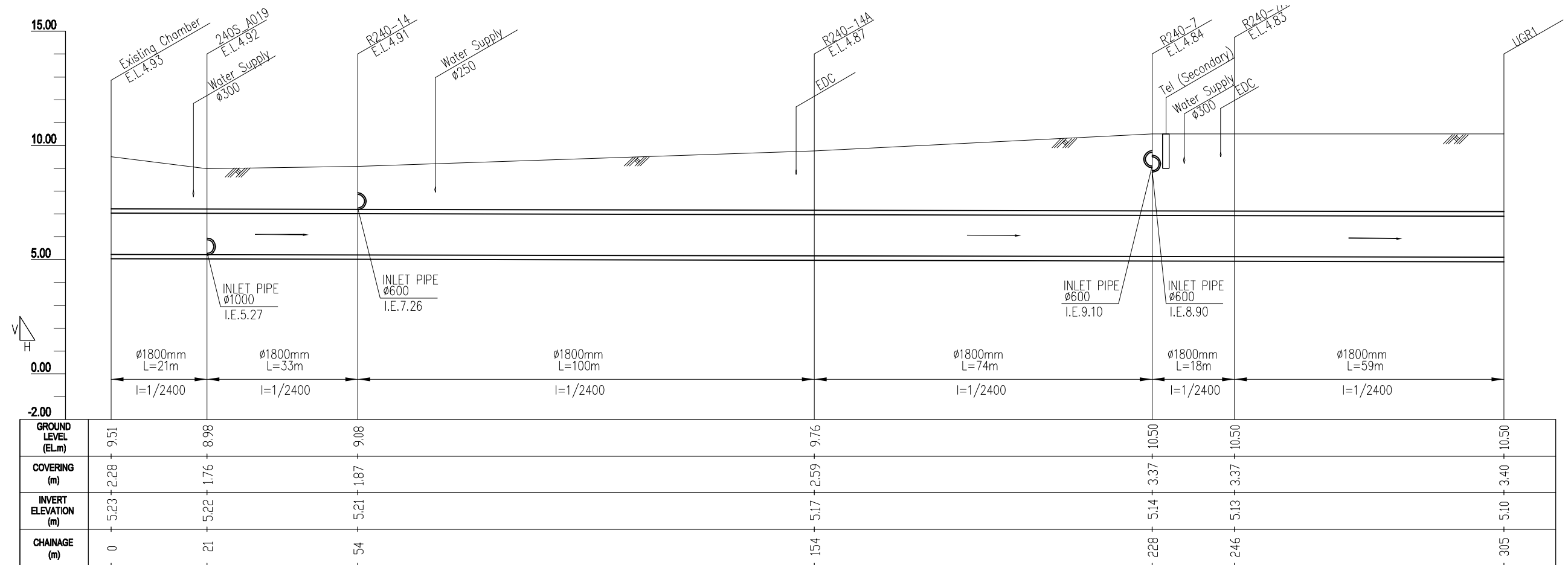
**JICA** JAPAN INTERNATIONAL COOPERATION AGENCY  
**CTI** CTI ENGINEERING INTERNATIONAL CO., LTD.  
**NIPPON KOEI** NIPPON KOEI CO., LTD.

Plan & Profile  
R178 Drainage Main



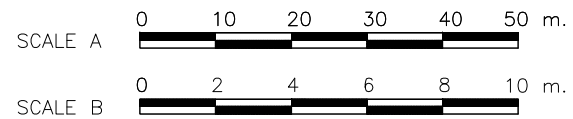
**PLAN** (Manhole No. fr. Existing Chamber to UGR1)

SCALE A



**PROFILE** (Manhole No. fr. Existing Chamber to UGR1)

H: SCALE A V: SCALE B



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Drawing No. DM-RN-02

Plan & Profile  
 R240 Drainage Main