

**[ANNEX]**

**Outline Design Drawings**

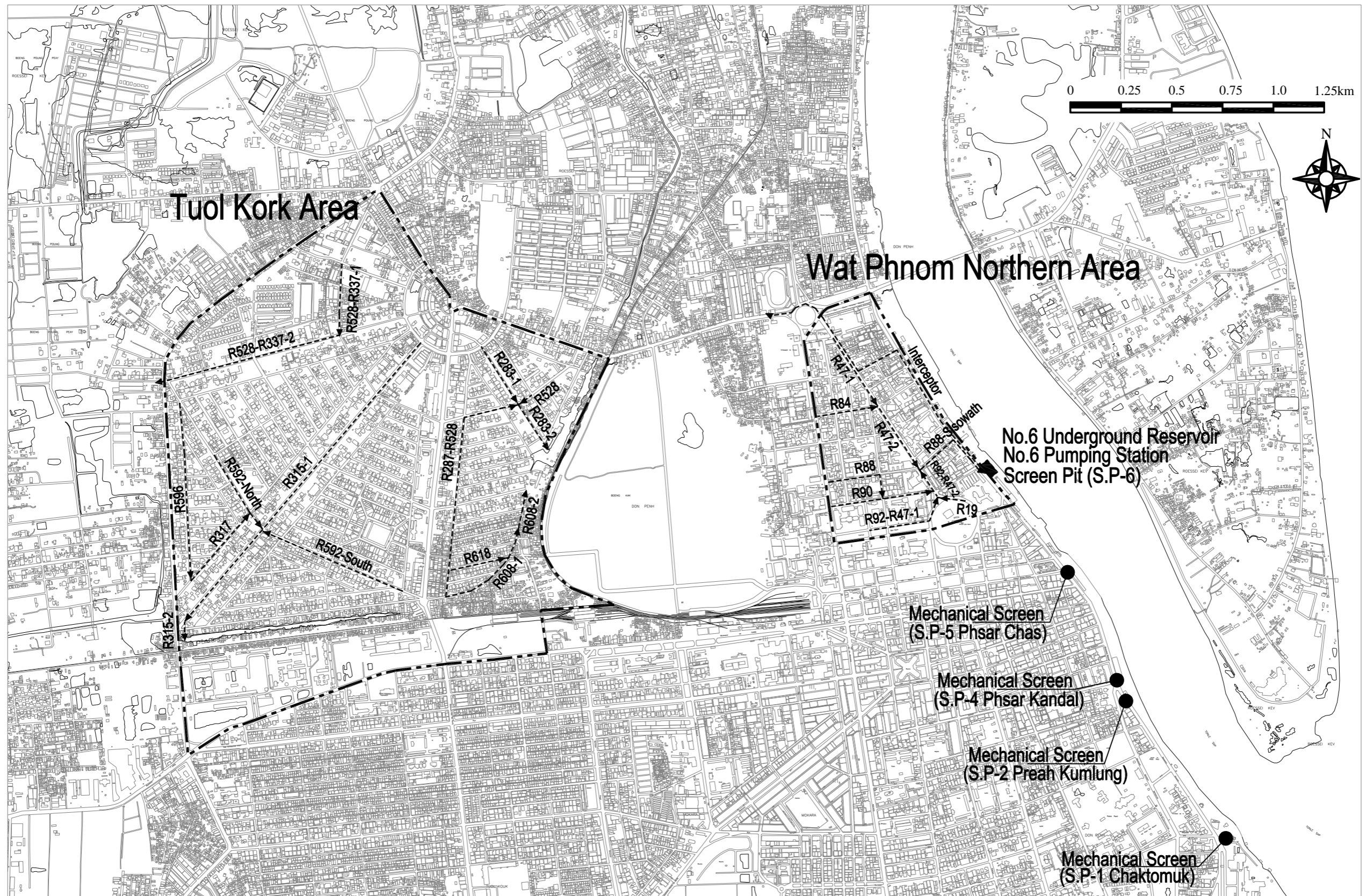


List of Outline Design Drawings

No	Title	Drawing No.
<b>GENERAL MAP</b>		
1	General Map	GM-001
<b>DRAINAGE MAIN</b>		
<b>General</b>		
2	General Plan of Drainage Main	DM-GN-001
3	Detail of Manhole & Drainage Pipe (1/2)	DM-GN-002
4	Detail of Manhole & Drainage Pipe (2/2)	DM-GN-003
<b>1. Wat Phnom Northern Area</b>		
5	Plan & Profile R47-1 Drainage Main	DM-WP-001
6	Plan & Profile R47-2 Drainage Main	DM-WP-002
7	Plan & Profile R88-Sisowath Drainage Main (1/2)	DM-WP-003
8	Plan & Profile R88-Sisowath Drainage Main (2/2)	DM-WP-004
9	Plan & Profile R92-R47-1 Drainage Main	DM-WP-005
10	Plan & Profile R92-R47-2 Drainage Main	DM-WP-006
11	Plan & Profile R19 Drainage Main	DM-WP-007
12	Plan & Profile R90 Drainage Main	DM-WP-008
13	Plan & Profile R88 Drainage Main	DM-WP-009
14	Plan & Profile R84 Drainage Main	DM-WP-010
<b>2. Tuol Kork Area</b>		
15	Plan & Profile R528-R337-1 Drainage Main	DM-TK-001
16	Plan & Profile R528-R337-2 Drainage Main (1/2)	DM-TK-002
17	Plan & Profile R528-R337-2 Drainage Main (2/2)	DM-TK-003
18	Plan & Profile R592 South Drainage Main (1/2)	DM-TK-004
19	Plan & Profile R592 South Drainage Main (2/2)	DM-TK-005
20	Plan & Profile R592 North Drainage Main	DM-TK-006
21	Plan & Profile R596 Drainage Main (1/2)	DM-TK-007
22	Plan & Profile R596 Drainage Main (2/2)	DM-TK-008
23	Plan & Profile R317 Drainage Main	DM-TK-009
24	Plan & Profile R315-1 Drainage Main (1/5)	DM-TK-010
25	Plan & Profile R315-1 Drainage Main (2/5)	DM-TK-011
26	Plan & Profile R315-1 Drainage Main (3/5)	DM-TK-012
27	Plan & Profile R315-1 Drainage Main (4/5)	DM-TK-013
28	Plan & Profile R315-1 Drainage Main (5/5), R315-2 Drainage Main	DM-TK-014
29	Plan & Profile R287-R528 Drainage Main (1/3)	DM-TK-015
30	Plan & Profile R287-R528 Drainage Main (2/3)	DM-TK-016
31	Plan & Profile R287-R528 Drainage Main (3/3)	DM-TK-017
32	Plan & Profile R283-1 Drainage Main	DM-TK-018
33	Plan & Profile R283-2 Drainage Main	DM-TK-019
34	Plan & Profile R528 Drainage Main	DM-TK-020
35	Plan & Profile R618 Drainage Main	DM-TK-021
36	Plan & Profile R608-1 Drainage Main (1/2)	DM-TK-022
37	Plan & Profile R608-1 Drainage Main (2/2)	DM-TK-023
38	Plan & Profile R608-2 Drainage Main	DM-TK-024
<b>3. Interceptor</b>		
39	Plan & Profile Interceptor (1/5)	IC-001
40	Plan & Profile Interceptor (2/5)	IC-002
41	Plan & Profile Interceptor (3/5)	IC-003
42	Plan & Profile Interceptor (4/5)	IC-004
43	Plan & Profile Interceptor (5/5)	IC-005
<b>No.6 PUMPING STATION AND No.6 UNDERGROUND RESERVOIR</b>		
44	General Plan	PR-001
45	Typical Sections	PR-002
46	Layout of Foundation Pile	PR-003
47	Pump Operation & Maintenance House	PR-004

No	Title	Drawing No.
	<b>MECHANICAL SCREEN</b>	
48	Mechanical Screen S.P-1 Chaktomuk	MS-001
49	Mechanical Screen S.P-2 Preah Kumlung	MS-002
50	Mechanical Screen S.P-4 Phsar Kandal	MS-003
51	Mechanical Screen S.P-5 Phsar Chas	MS-004
52	Mechanical Screen S.P-6	MS-005

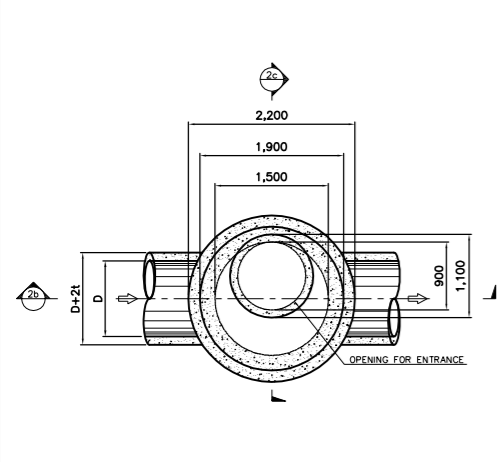




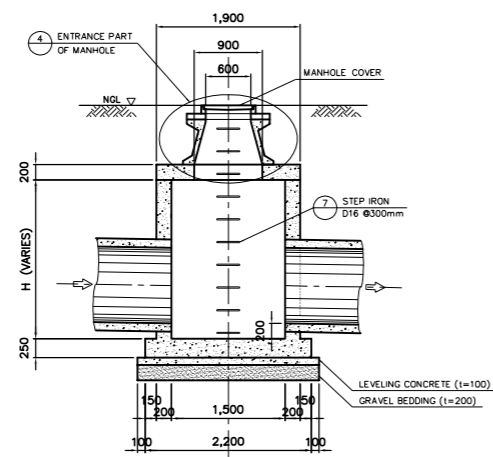




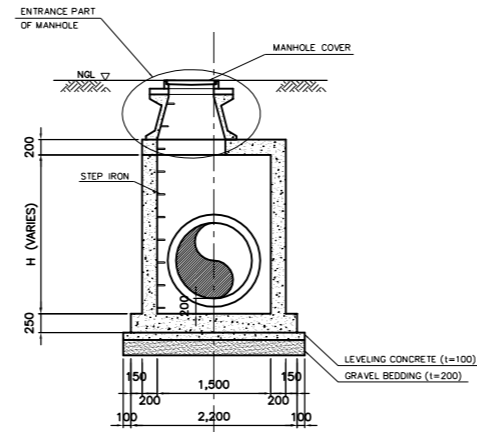
CIRCULAR MANHOLE TYPE-2 (φ1500)



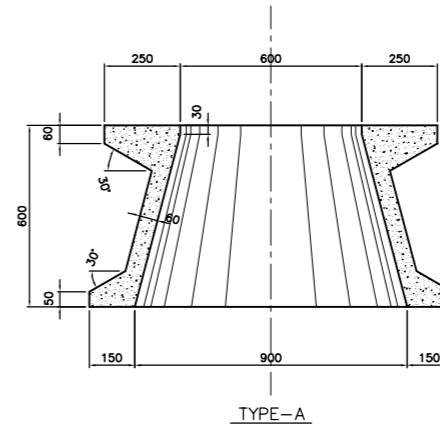
2a PLAN SCALE A



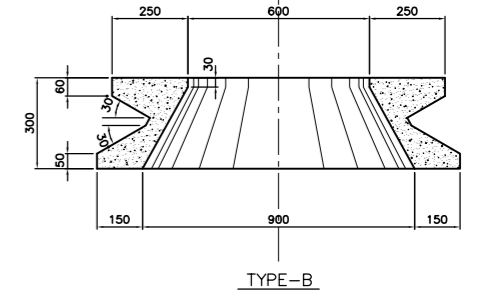
2b SECTION SCALE A



2c SECTION SCALE A



TYPE-A

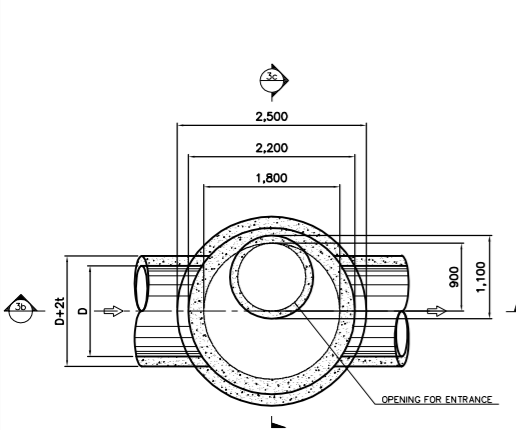


TYPE-B

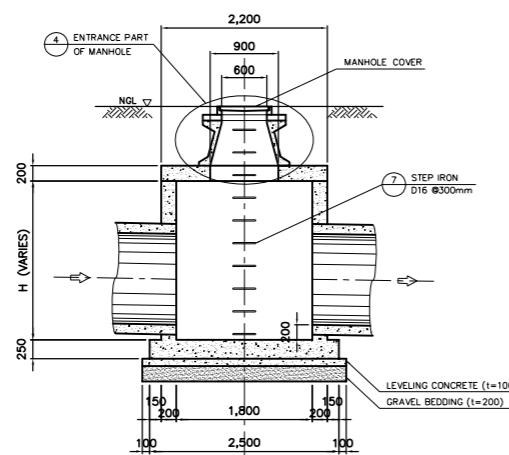
4 ENTRANCE PART OF MANHOLE SCALE C

TYPE-A : FOR THE CASE THAT COVERING OF PIPE IS MORE THAN 1m  
TYPE-B : FOR THE CASE THAT COVERING OF PIPE IS LESS THAN 1m

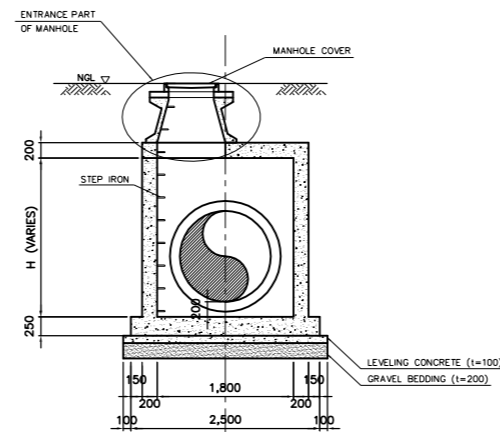
CIRCULAR MANHOLE TYPE-3 (φ1800)



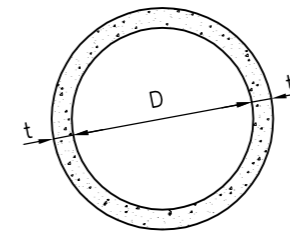
3a PLAN SCALE A



3b SECTION SCALE A



3c SECTION SCALE A

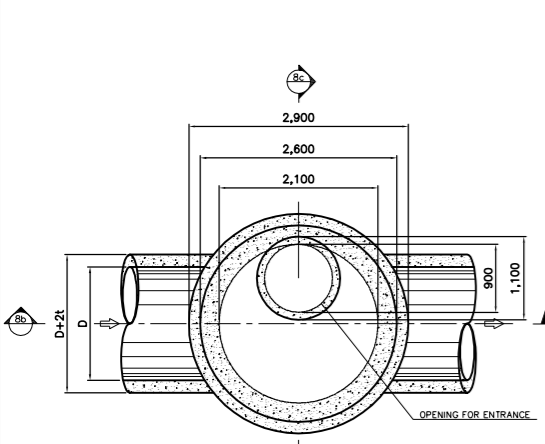


5 TRANSVERSE SECTION OF DRAINAGE PIPE

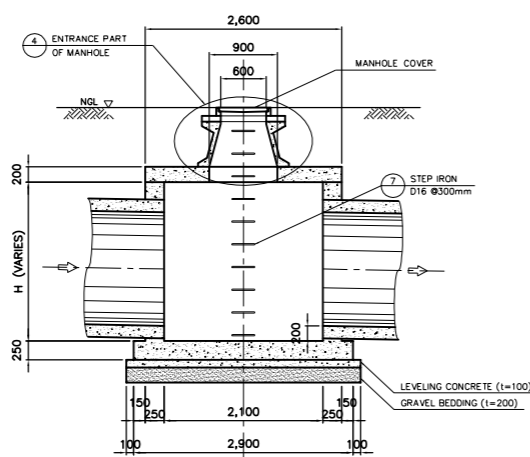
TABLE OF DIMENSIONS

Inside Diameter : (mm)	Thickness : t (mm)
600	75
800	100
1000	110
1200	130
1500	165
1800	200
2000	220

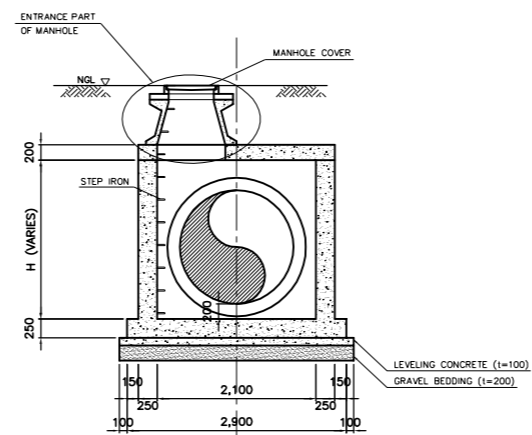
CIRCULAR MANHOLE TYPE-4 (φ2100)



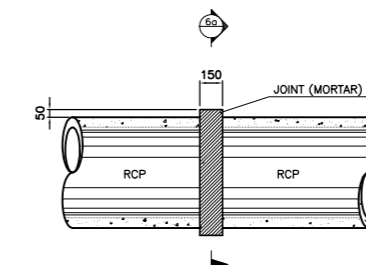
8a PLAN SCALE A



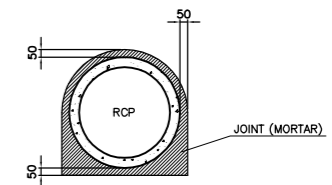
8b SECTION SCALE A



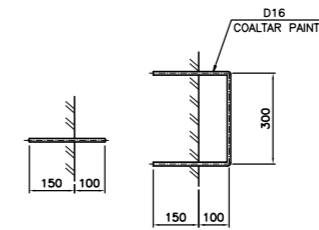
8c SECTION SCALE A



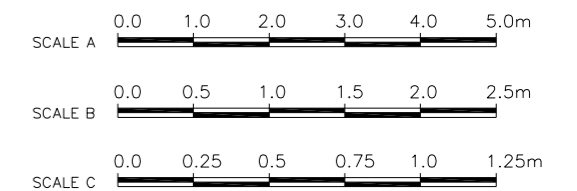
6 PIPE COLLAR SCALE B



6a SECTION SCALE B



7 DETAIL OF STEP IRON SCALE C



CIRCULAR MANHOLE TYPE-4 (φ2100)

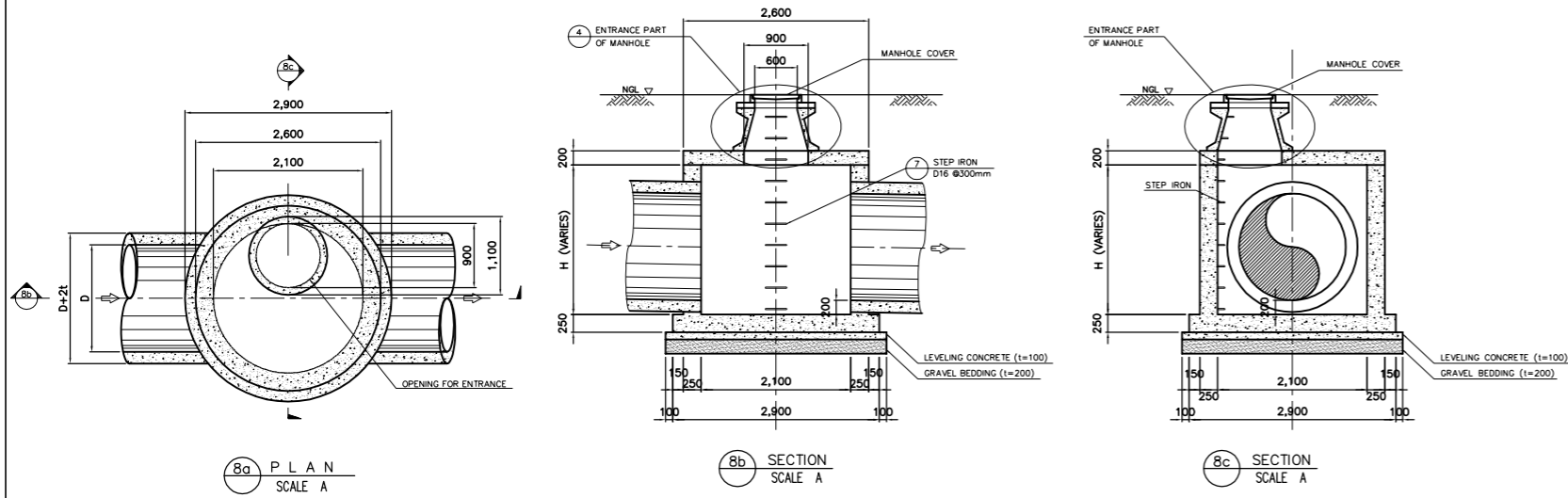
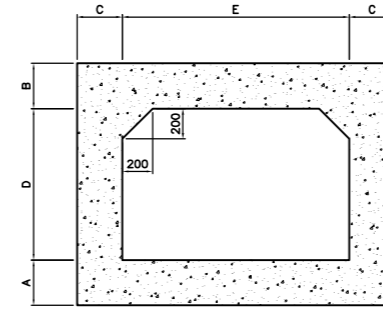


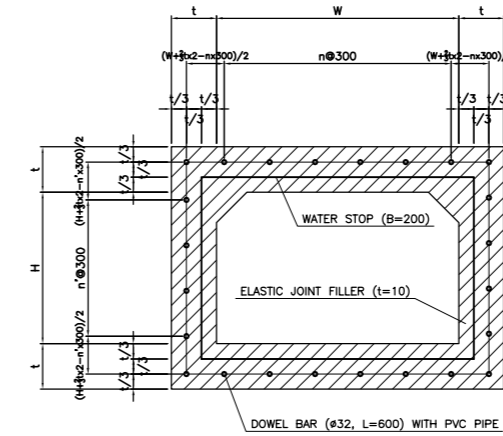
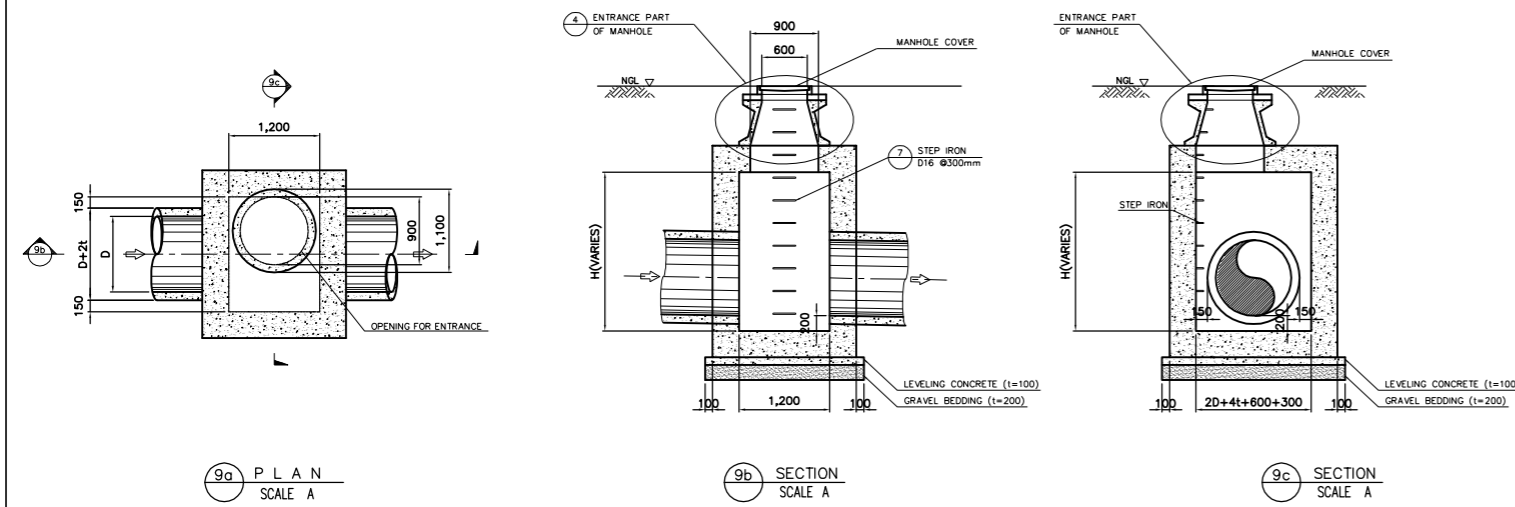
TABLE OF DIMENSIONS

Installation Site	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
R88 (fr R47 to R88)	300	300	300	2000	2000
R88 (Sisowath)	400	300	300	2000	2000
R528-R337-2	300	300	300	1500	2700
R315-2	300	300	300	2000	2000
R283-2	300	300	300	800	2200
R608-2	300	300	300	1000	1800

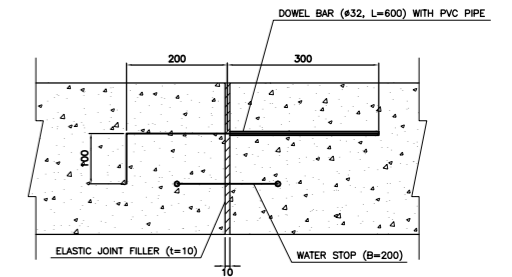


11 TRANSVERSE SECTION OF BOX CULVERT SCALE B

RECTANGLE MANHOLE TYPE-A (STRAIGHT)

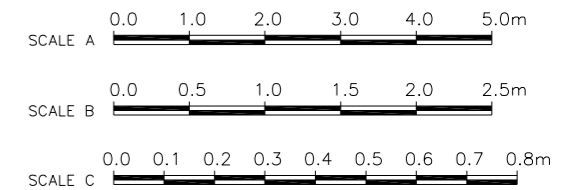
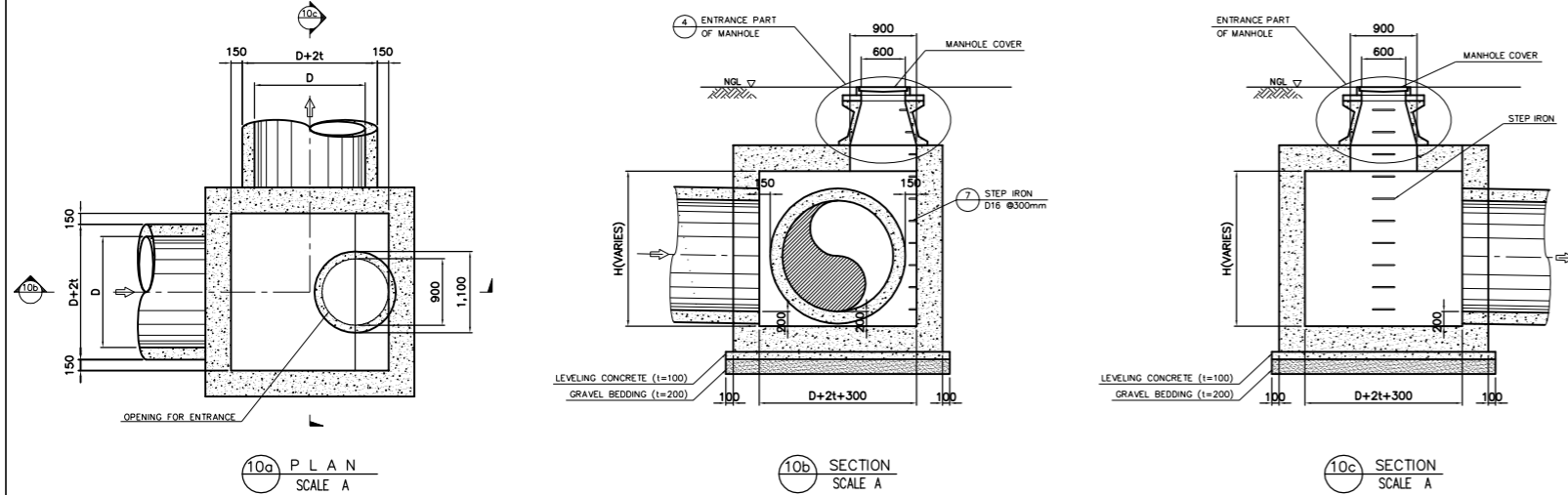


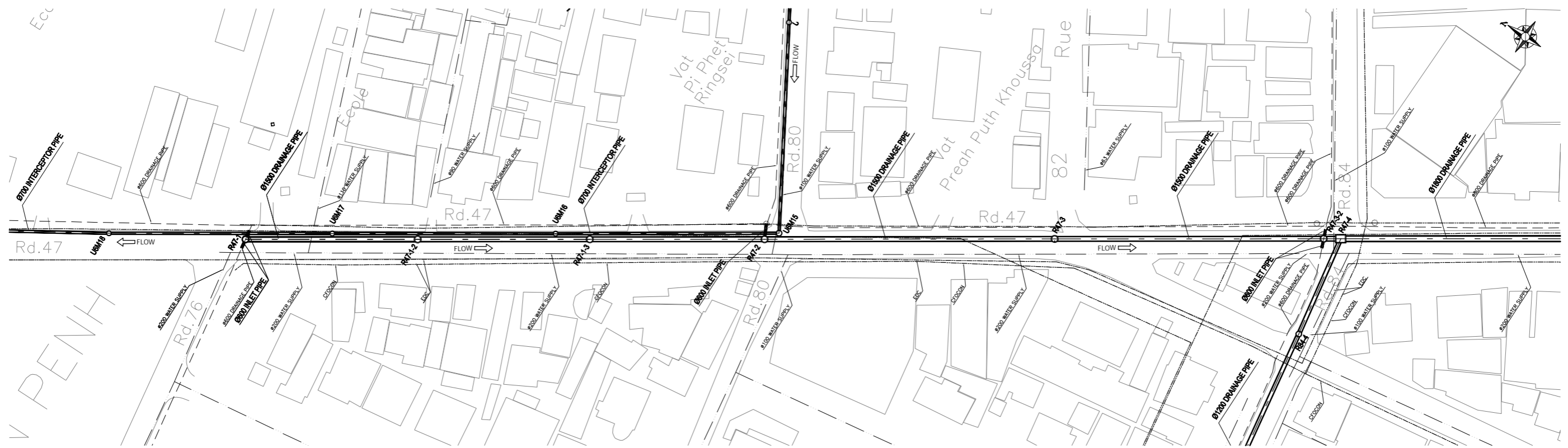
12 MOVEMENT JOINT OF BOX CULVERT SCALE B



13 DETAIL OF MOVEMENT JOINT SCALE C

RECTANGLE MANHOLE TYPE-B (BENDING)

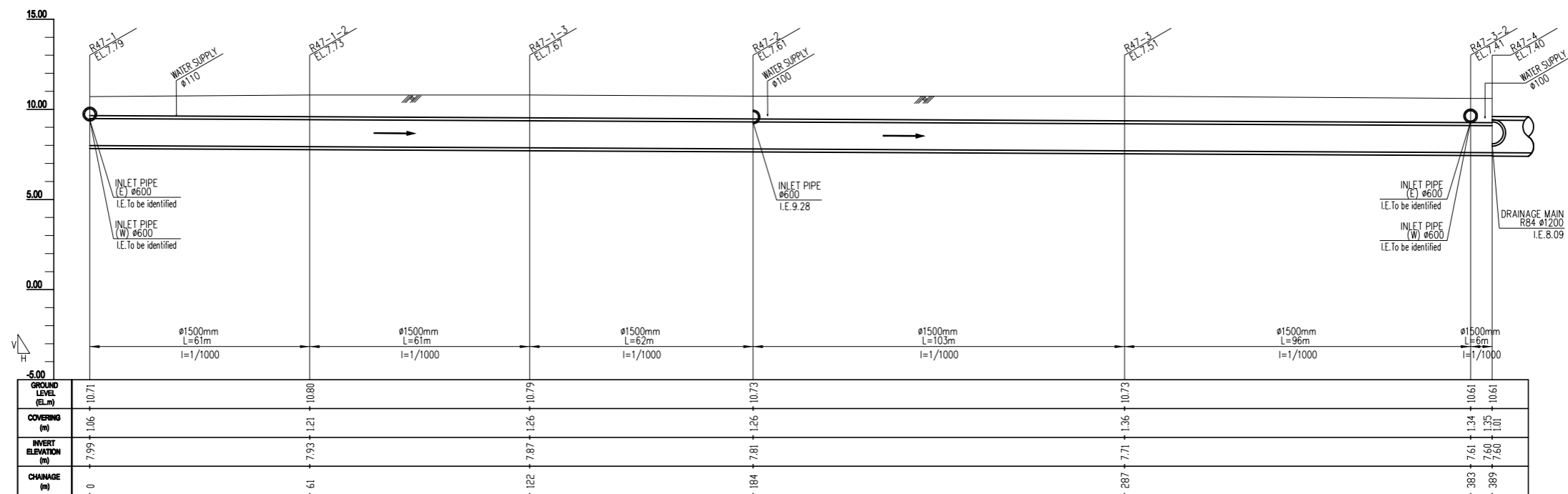




**PLAN** (Manhole No. fr. R47-1 to R47-4)

SCALE A

LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFOCN</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

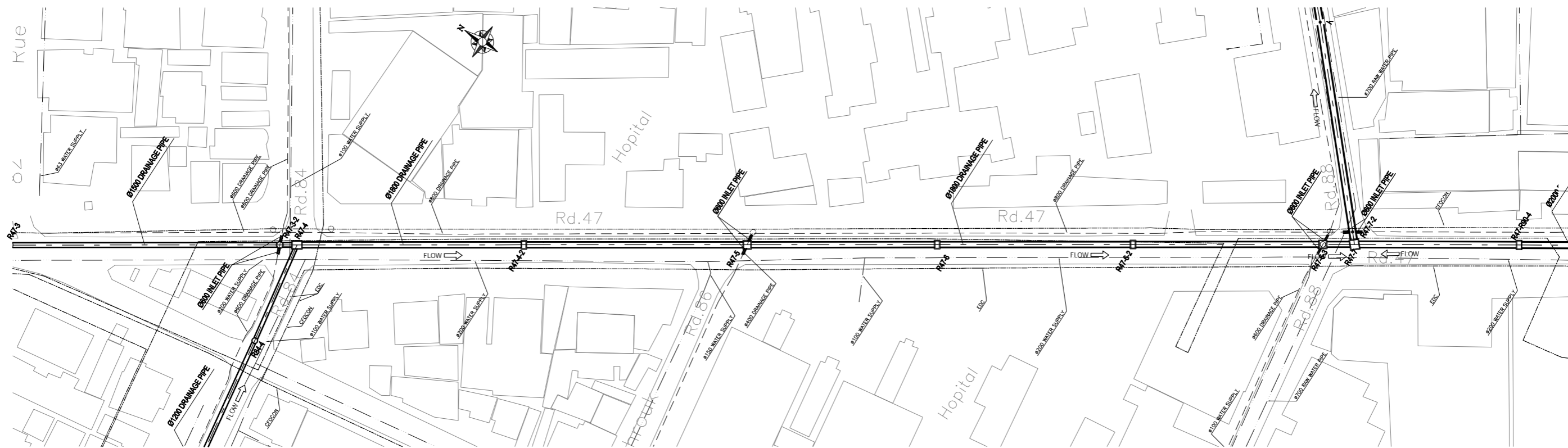


**PROFILE** (Manhole No. fr. R47-1 to R47-4)

H: SCALE A V: SCALE B

SCALE A 0 10 20 30 40 50 m.

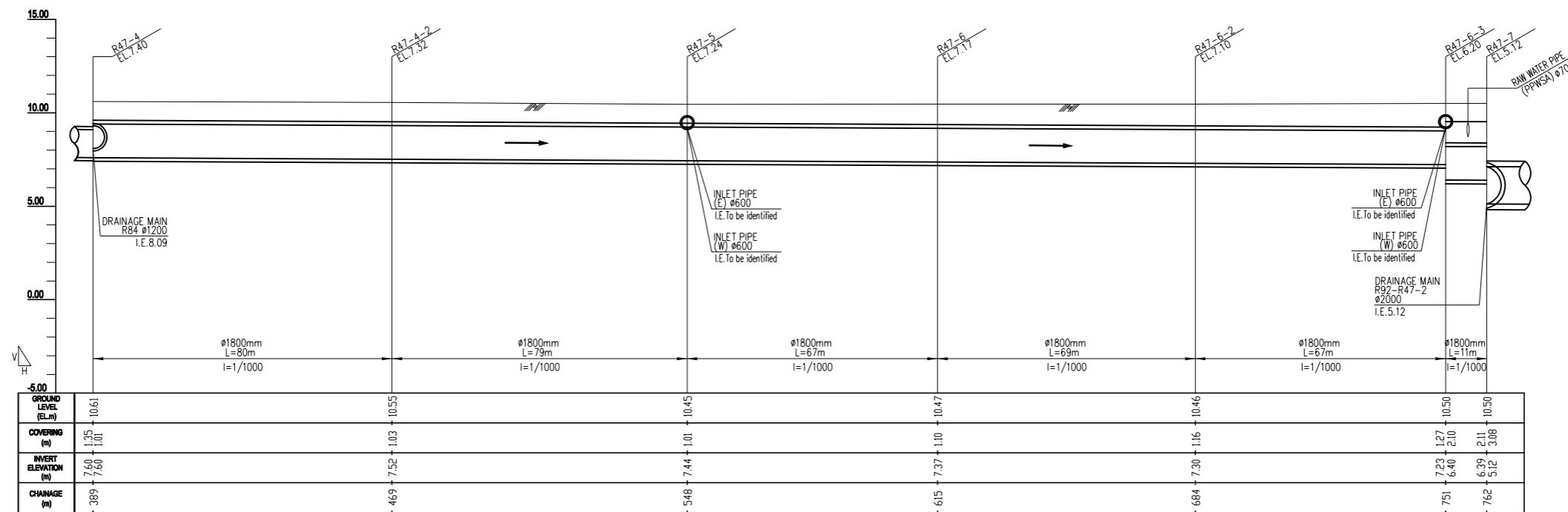
SCALE B 0 2 4 6 8 10 m.



PLAN (Manhole No. fr. R47-4 to R47-7)

SCALE A

LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



PROFILE (Manhole No. fr. R47-4 to R47-7)

H: SCALE A V: SCALE B

SCALE A 0 10 20 30 40 50 m.

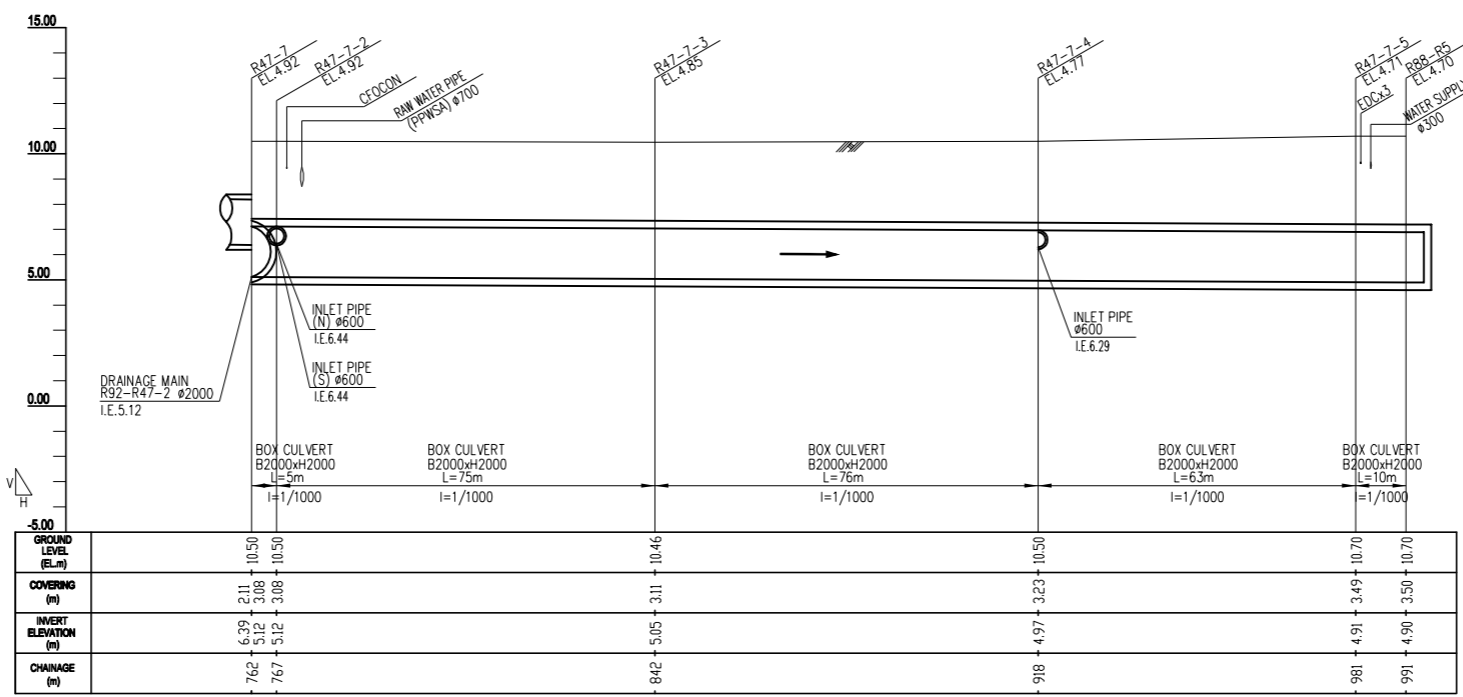
SCALE B 0 2 4 6 8 10 m.



**PLAN** (Manhole No. fr. R47-7 to R88-R5)

SCALE A

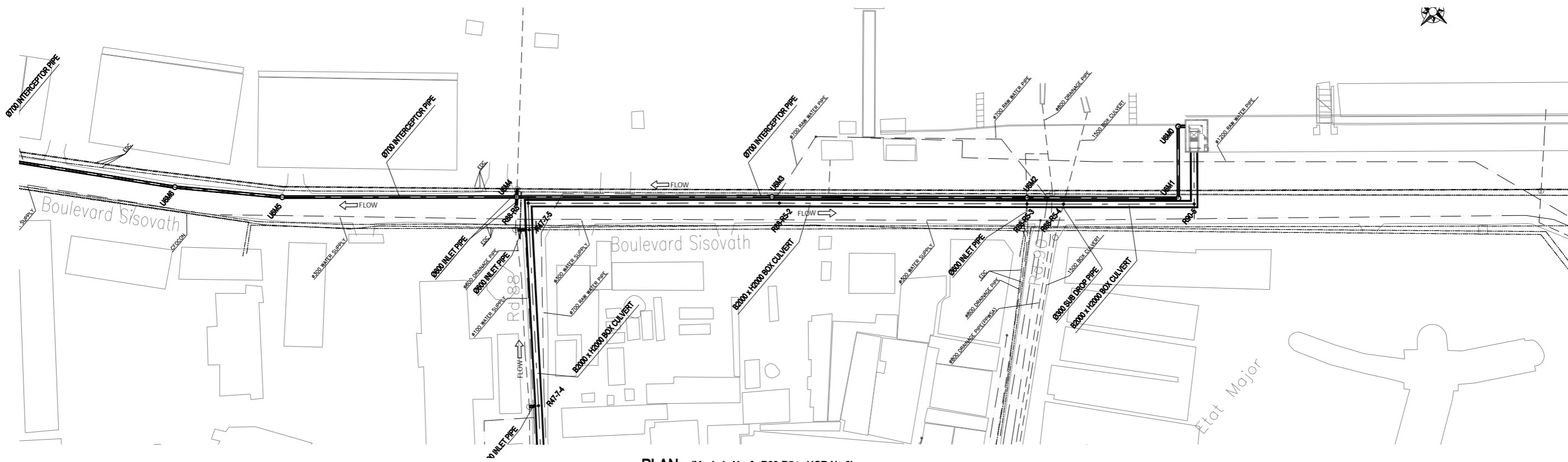
LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFOCN</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



**PROFILE** (Manhole No. fr. R47-7 to R88-R5)

H: SCALE A V: SCALE B

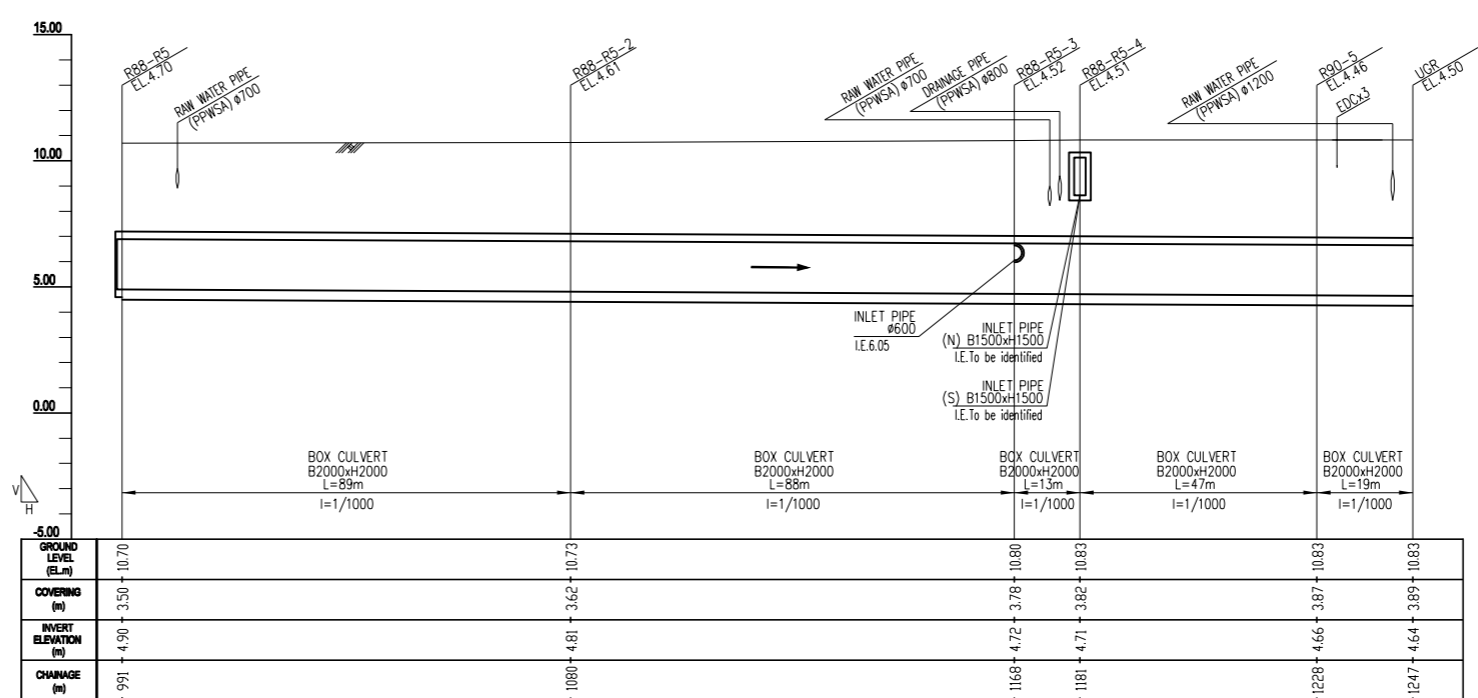




**PLAN** (Manhole No. fr. R88-R5 to UGR No.6)

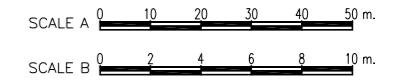
SCALE A

LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFOCN</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

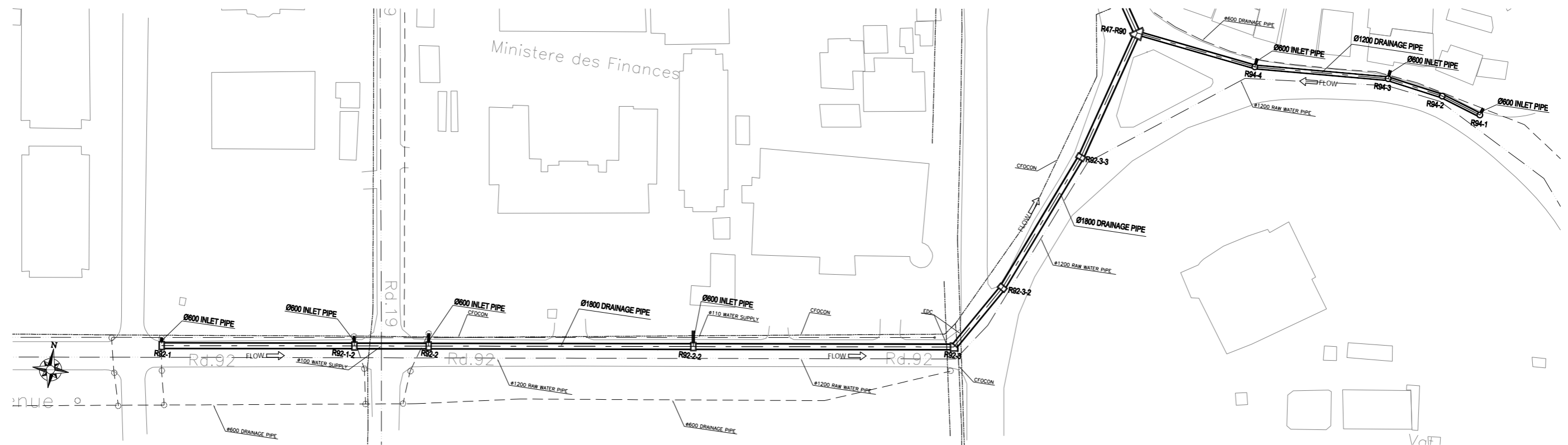


**PROFILE** (Manhole No. fr. R88-R5 to UGR No.6)

H: SCALE A V: SCALE B



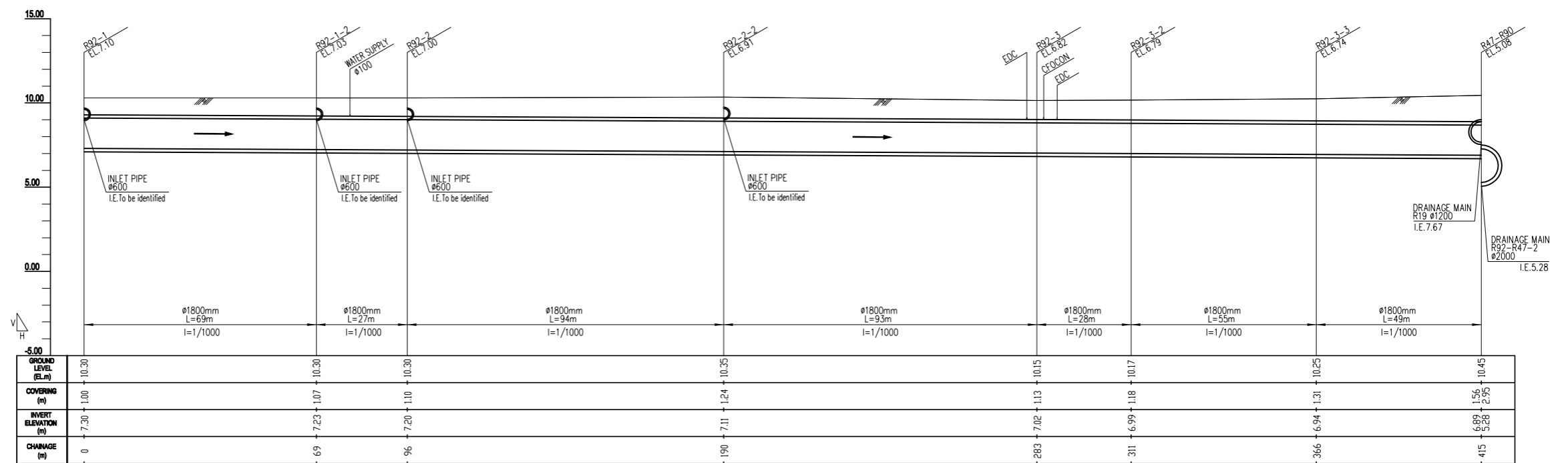




PLAN (Manhole No. fr. R92-1 to R47-R90)

SCALE A

LEGEND	
PROPOSED	— — — — — DRAINAGE PIPE
	□ ○ MANHOLE
	— — — — — INLET PIPE
EXISTING	- - - - - DRAINAGE PIPE
	□ MANHOLE
UNDER GROUND FACILITIES	- - - - - EDC
	- - - - - NATIONAL RADIO
	- - - - - PPFOTV
	- - - - - CFCOON
	- - - - - TEL(CAMINTEL)
	- - - - - TEL(TELECAM)
	- - - - - WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨
BENCH MARK	⊕

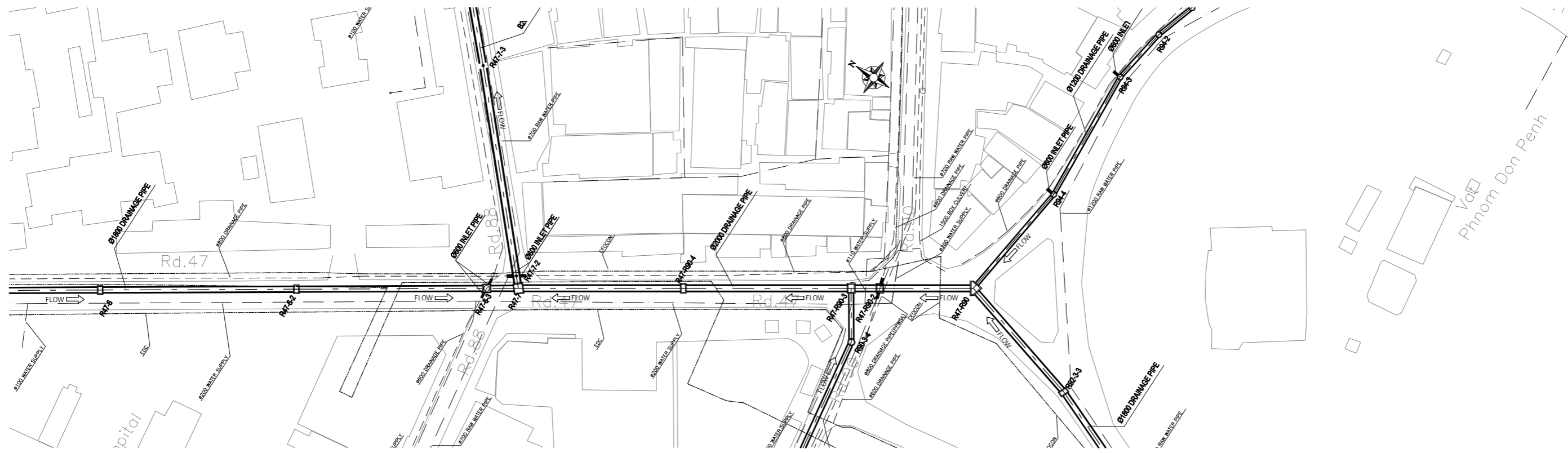


PROFILE (Manhole No. fr. R92-1 to R47-R90)

H: SCALE A V: SCALE B

SCALE A 0 10 20 30 40 50 m.

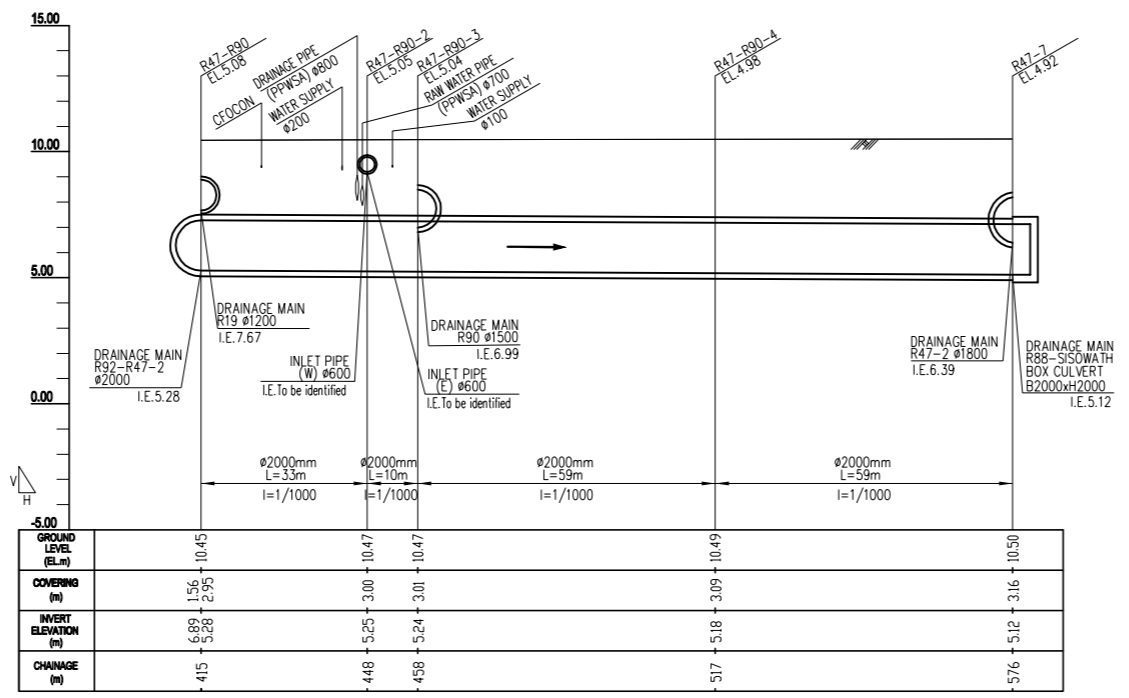
SCALE B 0 2 4 6 8 10 m.



**PLAN** (Manhole No. fr. R47-R90 to R47-7)

SCALE A

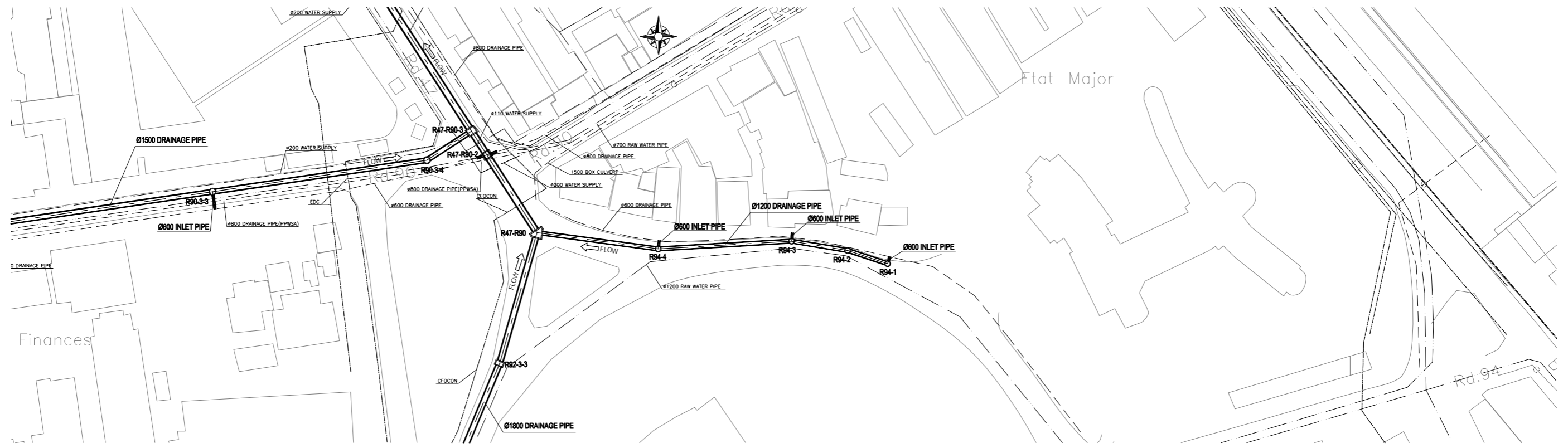
LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



**PROFILE** (Manhole No. fr. R47-R90 to R47-7)

H: SCALE A V: SCALE B

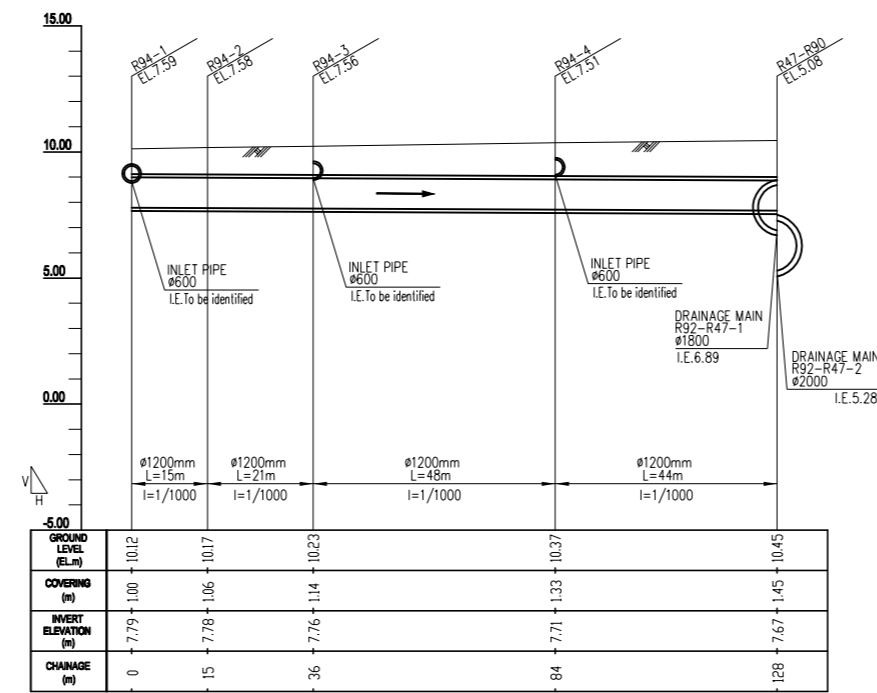




**PLAN** (Manhole No. fr. R94-1 to R47-R90)

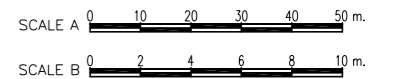
SCALE A

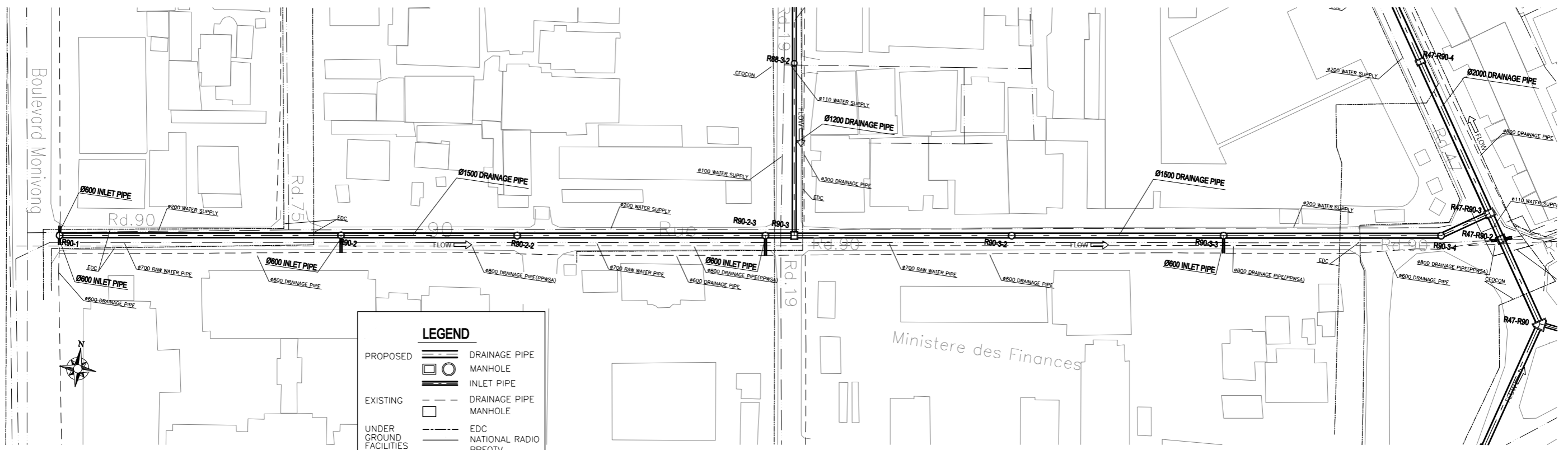
LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFOCN</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



**PROFILE** (Manhole No. fr. R94-1 to R47-R90)

H: SCALE A V: SCALE B





**LEGEND**

PROPOSED

- DRAINAGE PIPE
- MANHOLE
- INLET PIPE

EXISTING

- - - DRAINAGE PIPE
- MANHOLE

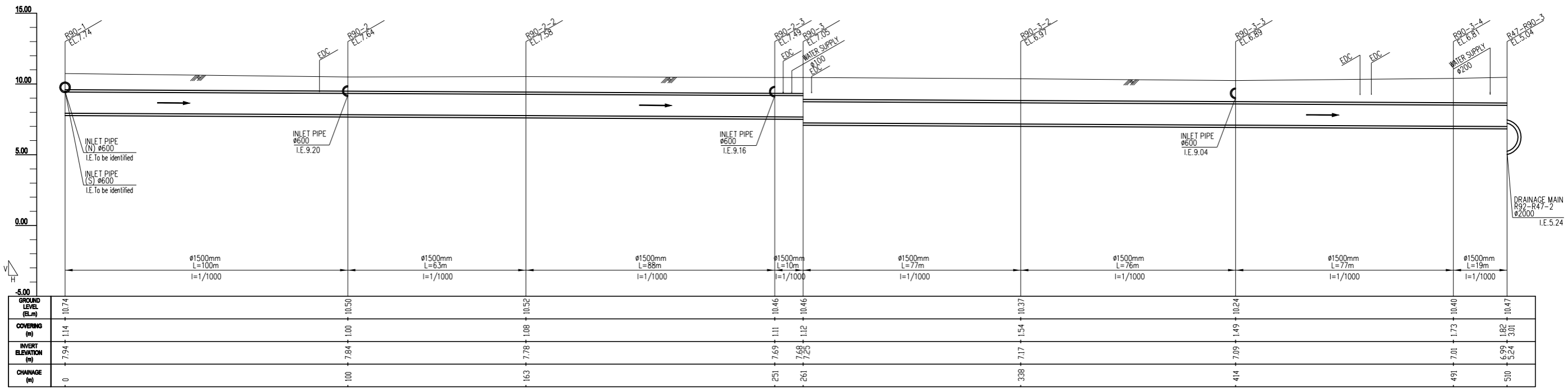
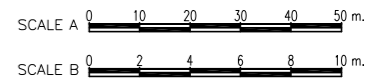
UNDER GROUND FACILITIES

- - - EDC
- - - NATIONAL RADIO
- - - PPFOTV
- - - CFOCN
- - - TEL(CAMINTEL)
- - - TEL(TELECAM)
- - - WATER SUPPLY

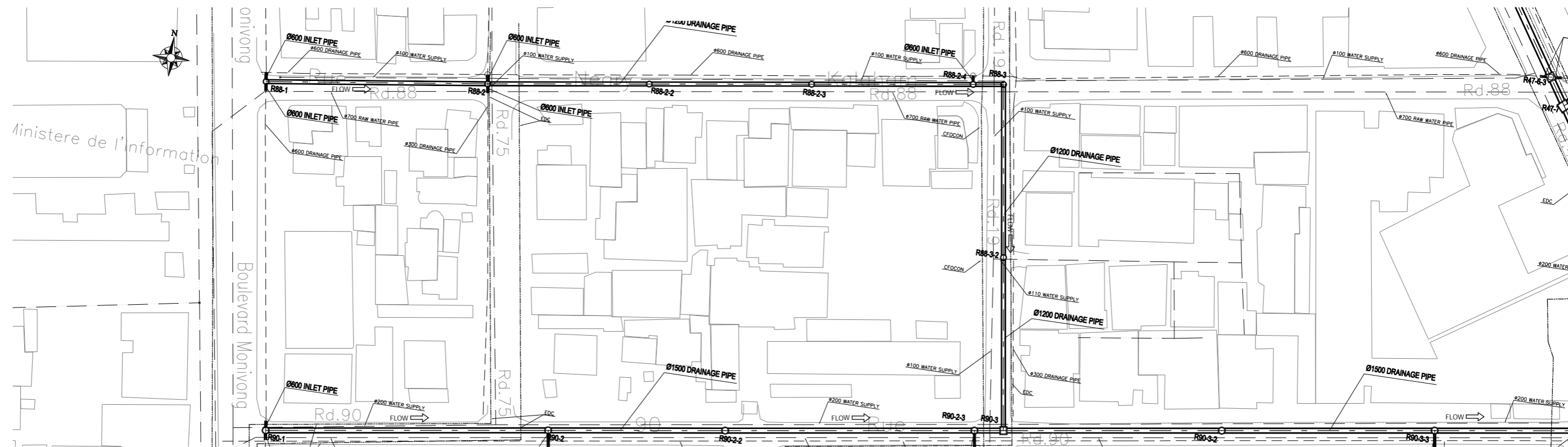
AREA OF CONCRETE PAVEMENT

BENCH MARK

**PLAN** (Manhole No. fr. R90-1 to R47-R90-3)  
SCALE A



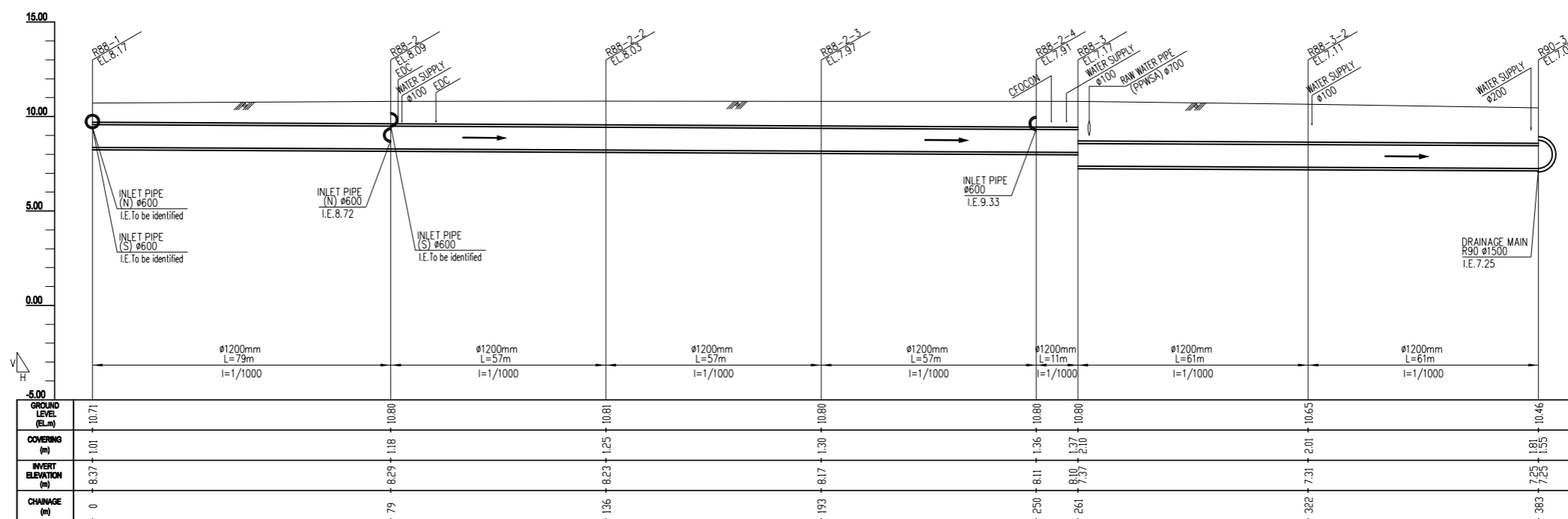
**PROFILE** (Manhole No. fr. R90-1 to R47-R90-3)  
H: SCALE A V: SCALE B



**PLAN** (Manhole No. fr. R88-1 to R90-3)

SCALE A

LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFOCN</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

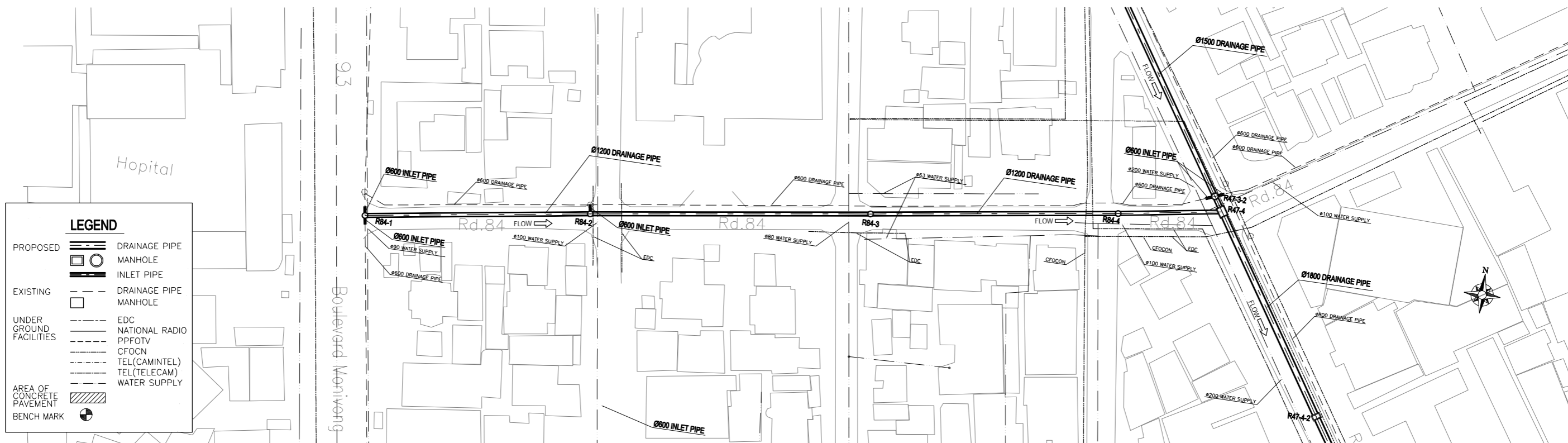


**PROFILE** (Manhole No. fr. R88-1 to R90-3)

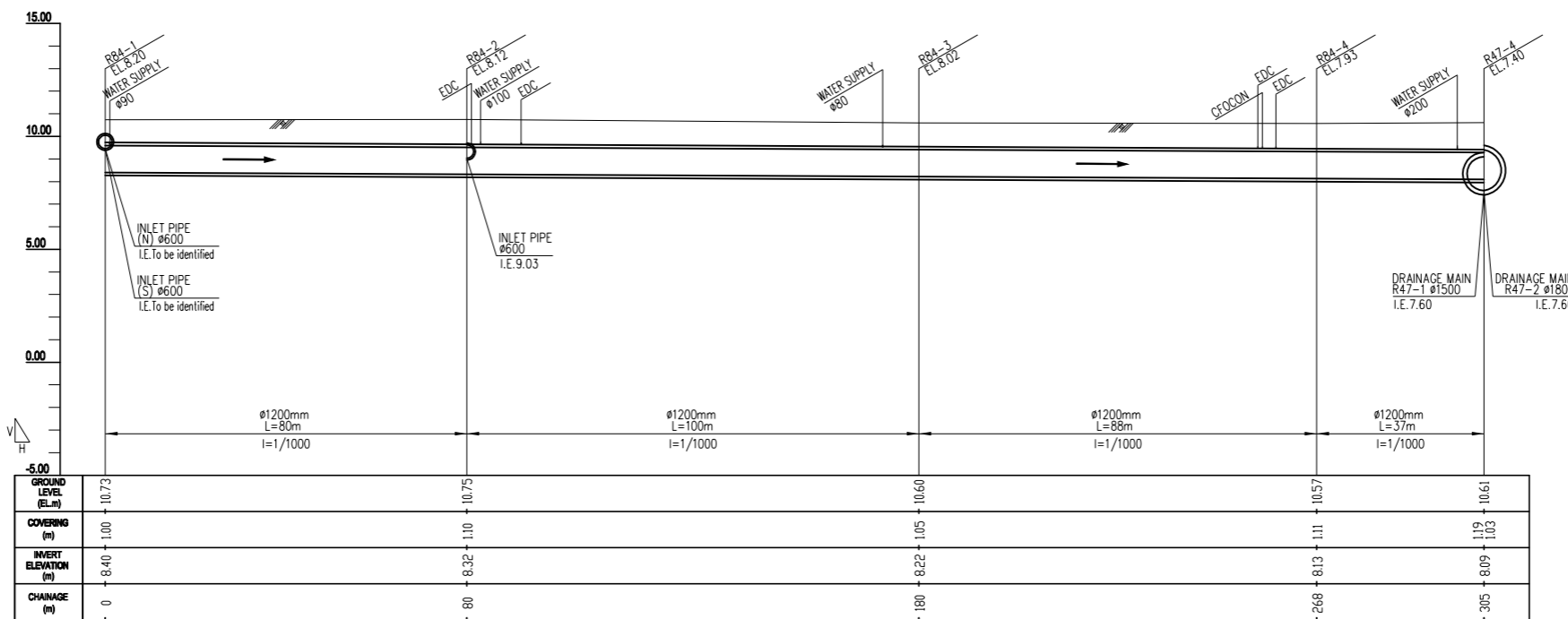
H: SCALE A V: SCALE B

SCALE A 0 10 20 30 40 50 m.

SCALE B 0 2 4 6 8 10 m.

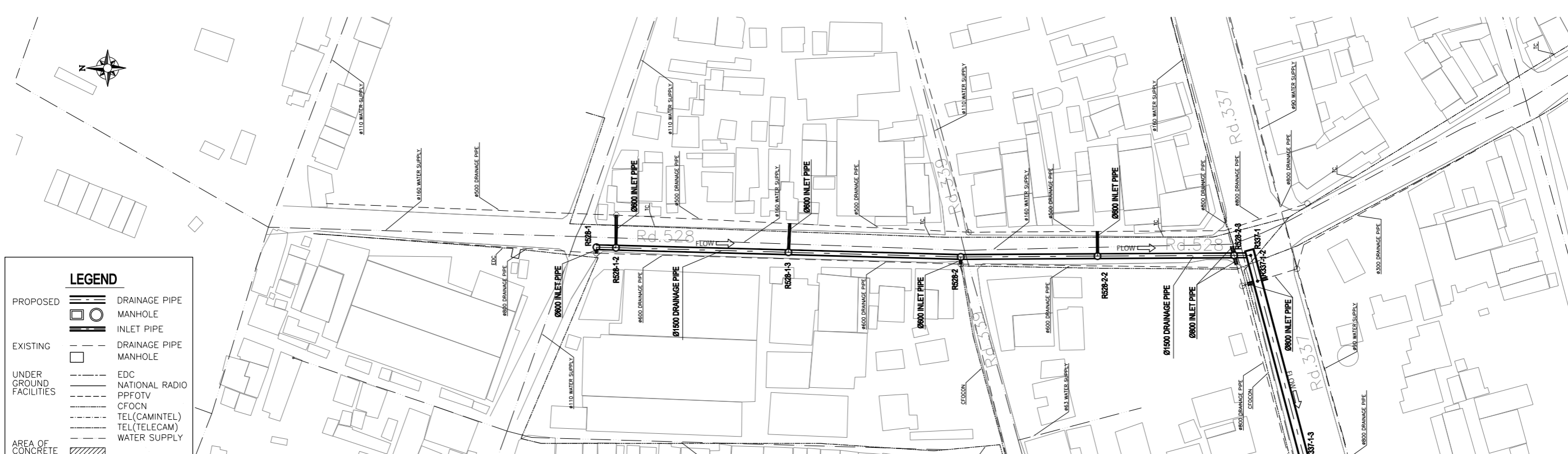


**PLAN** (Manhole No. fr. R84-1 to R47-4)  
SCALE A



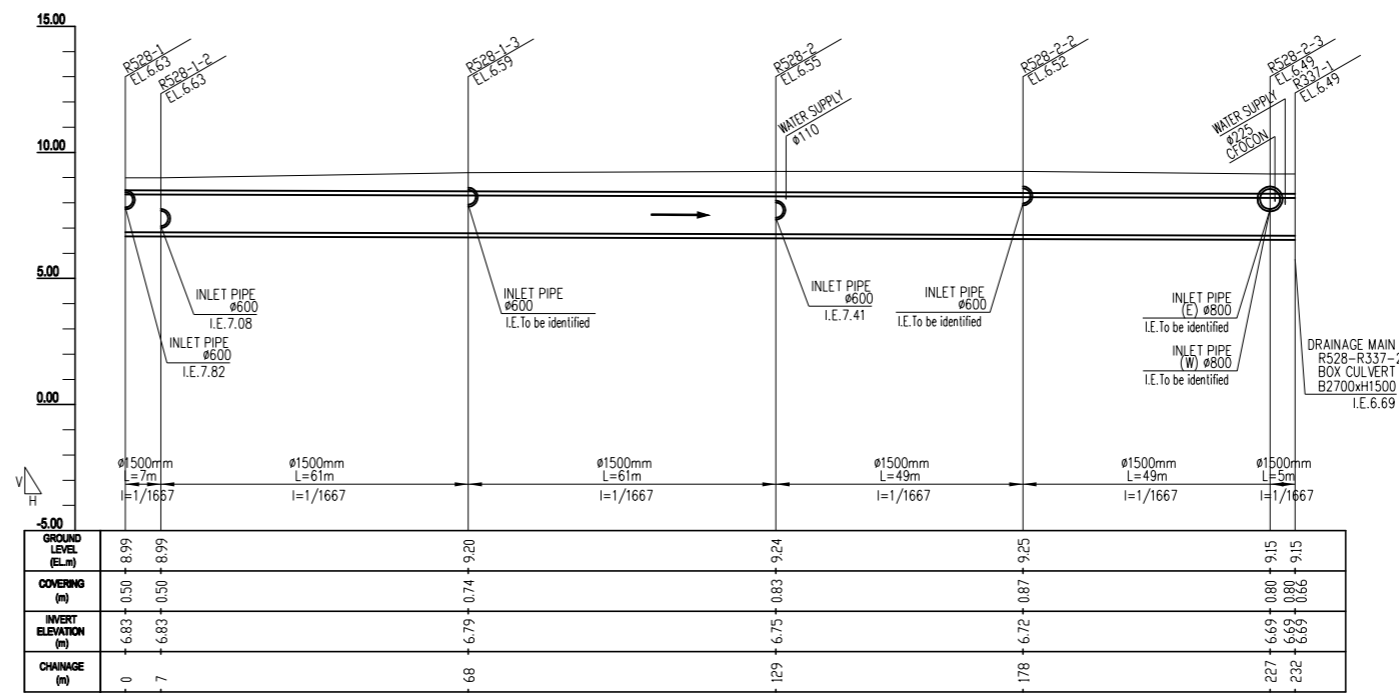
**PROFILE** (Manhole No. fr. R84-1 to R47-4)  
H: SCALE A V: SCALE B





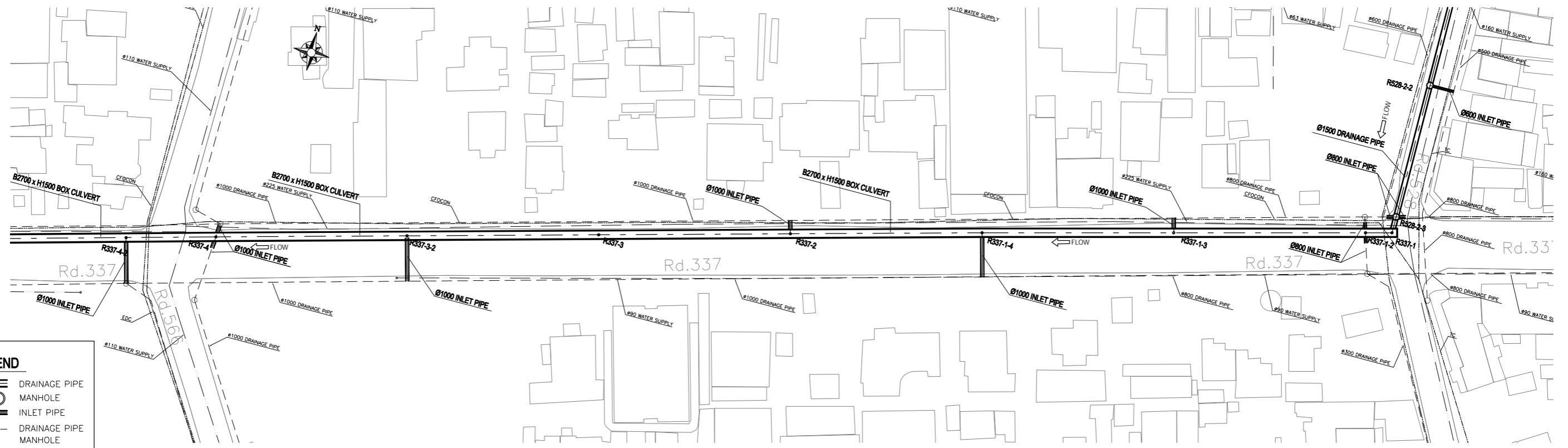
LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

**PLAN** (Manhole No. fr. R528-1 to R337-1)  
SCALE A



**PROFILE** (Manhole No. fr. R528-1 to R337-1)  
H: SCALE A V: SCALE B



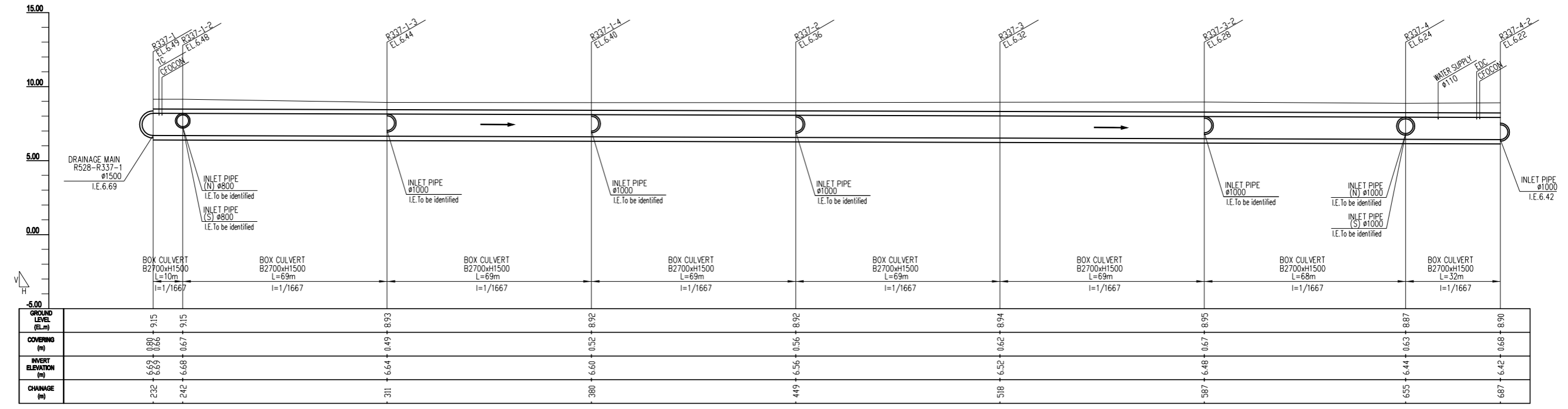
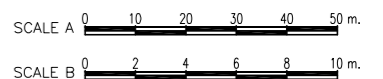


**PLAN** (Manhole No. fr. R337-1 to R337-4-2)

SCALE A

**LEGEND**

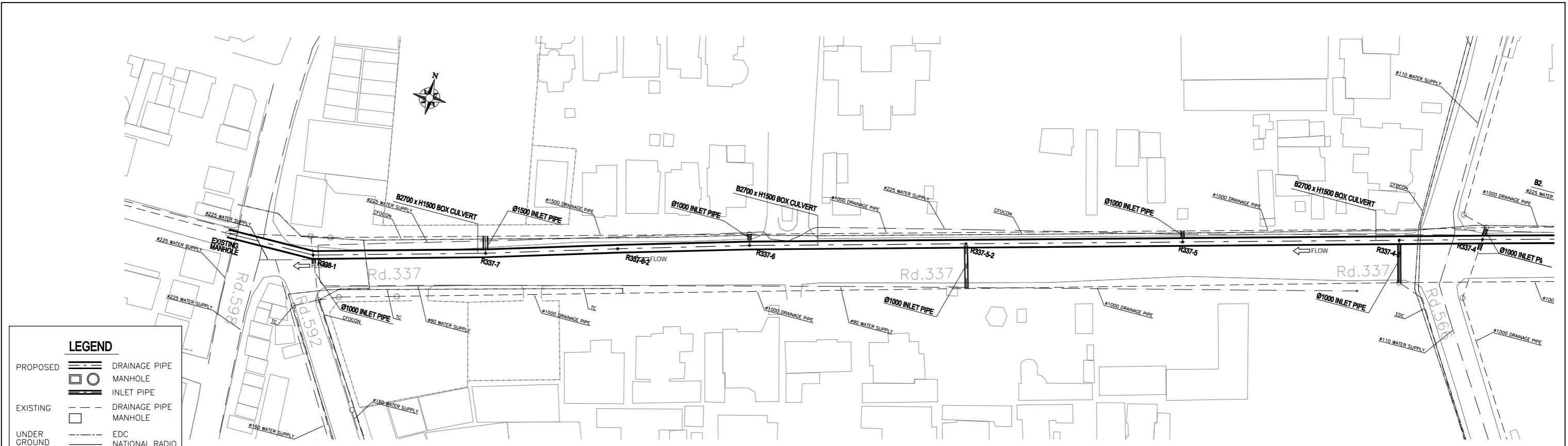
PROPOSED	—	DRAINAGE PIPE
	○	MANHOLE
	—	INLET PIPE
EXISTING	- - -	DRAINAGE PIPE
	□	MANHOLE
UNDER GROUND FACILITIES	- - - -	EDC
	- - - -	NATIONAL RADIO
	- - - -	PPFTV
	- - - -	CFOCN
	- - - -	TEL(CAMINTEL)
	- - - -	TEL(TELECAM)
	- - - -	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨	
BENCH MARK	⊕	



**PROFILE** (Manhole No. fr. R337-1 to R337-4-2)

H: SCALE A V: SCALE B

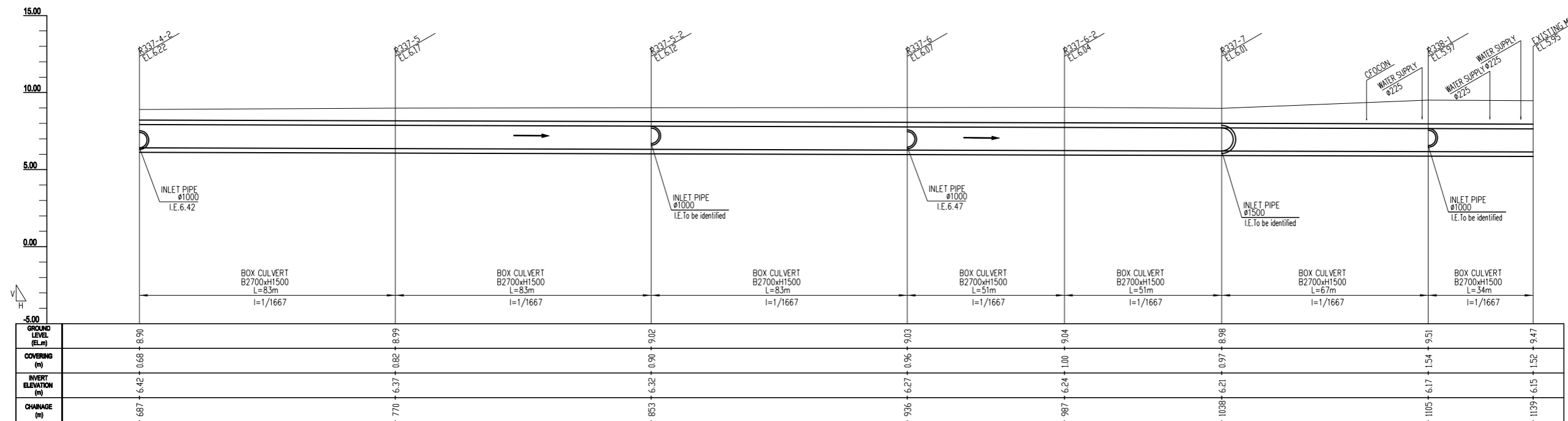
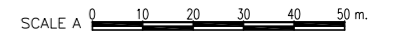




LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFCO</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

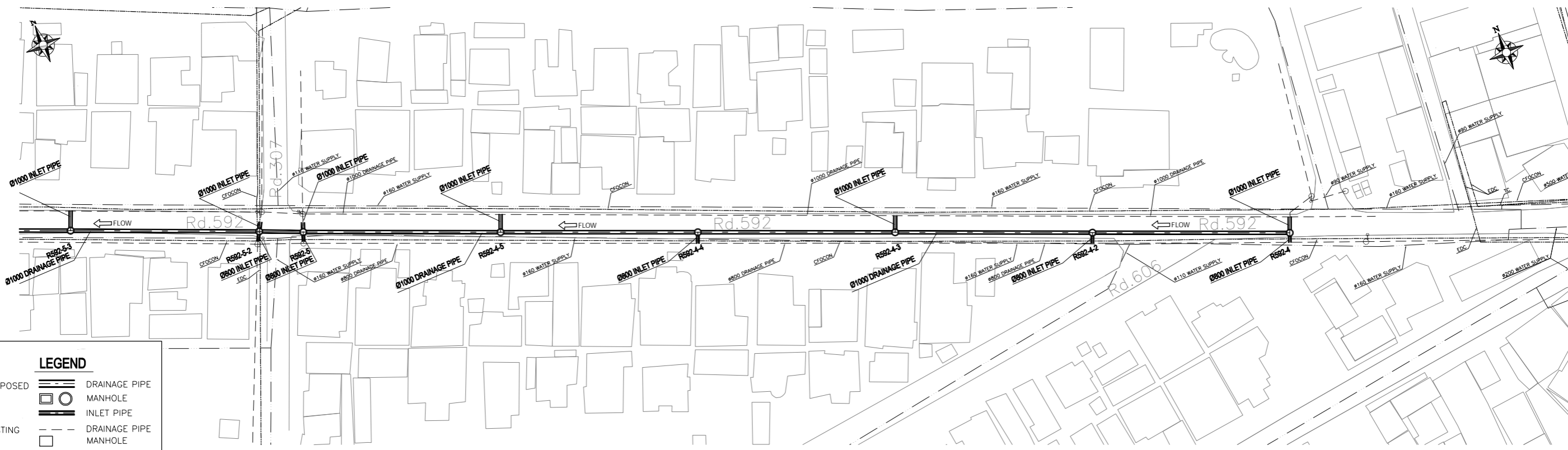
**PLAN** (Manhole No. fr. R337-4-2 to Existing Manhole)

SCALE A

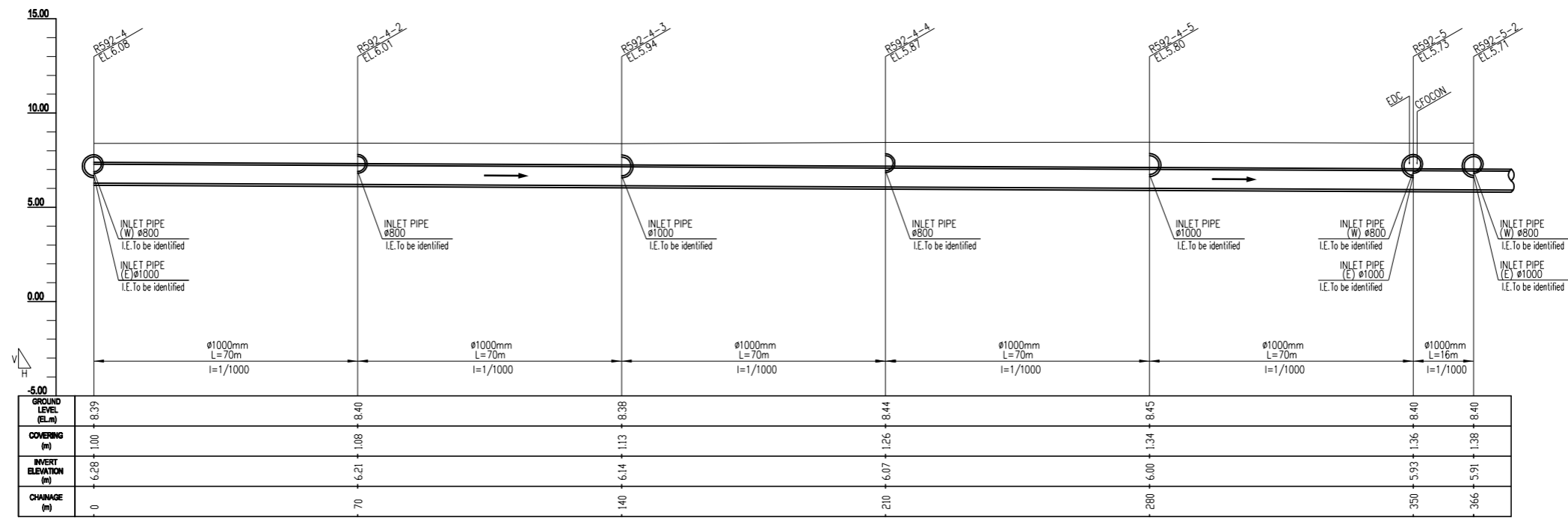


**PROFILE** (Manhole No. fr. R337-4-2 to Existing Manhole)

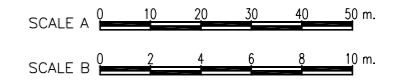
H: SCALE A V: SCALE B

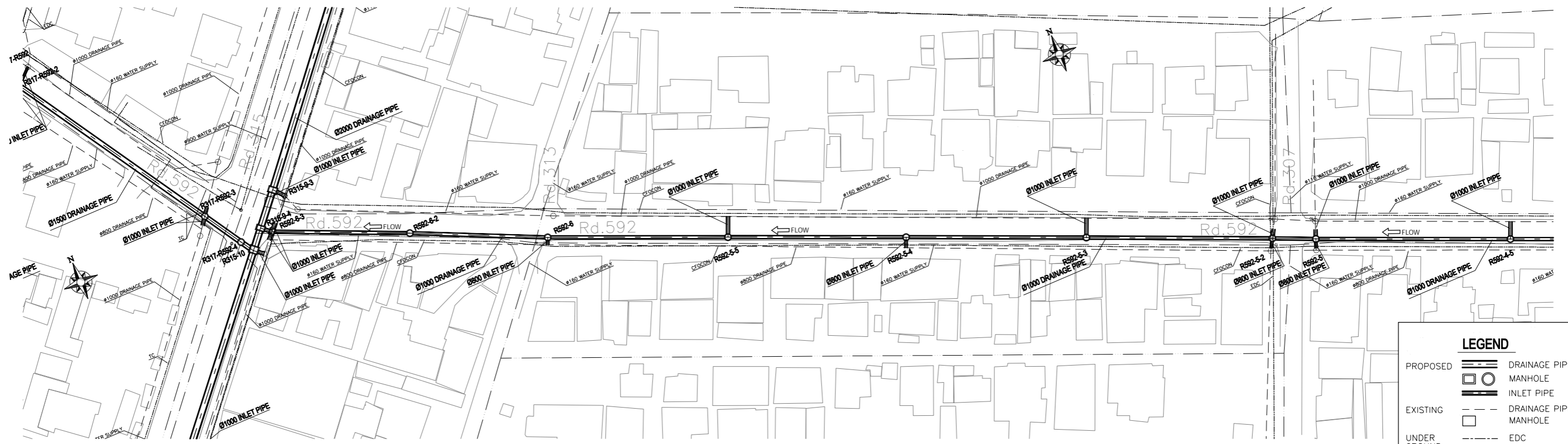


**PLAN** (Manhole No. fr. R592-4 to R592-5-2)  
SCALE A



**PROFILE** (Manhole No. fr. R592-4 to R592-5-2)  
H: SCALE A V: SCALE B



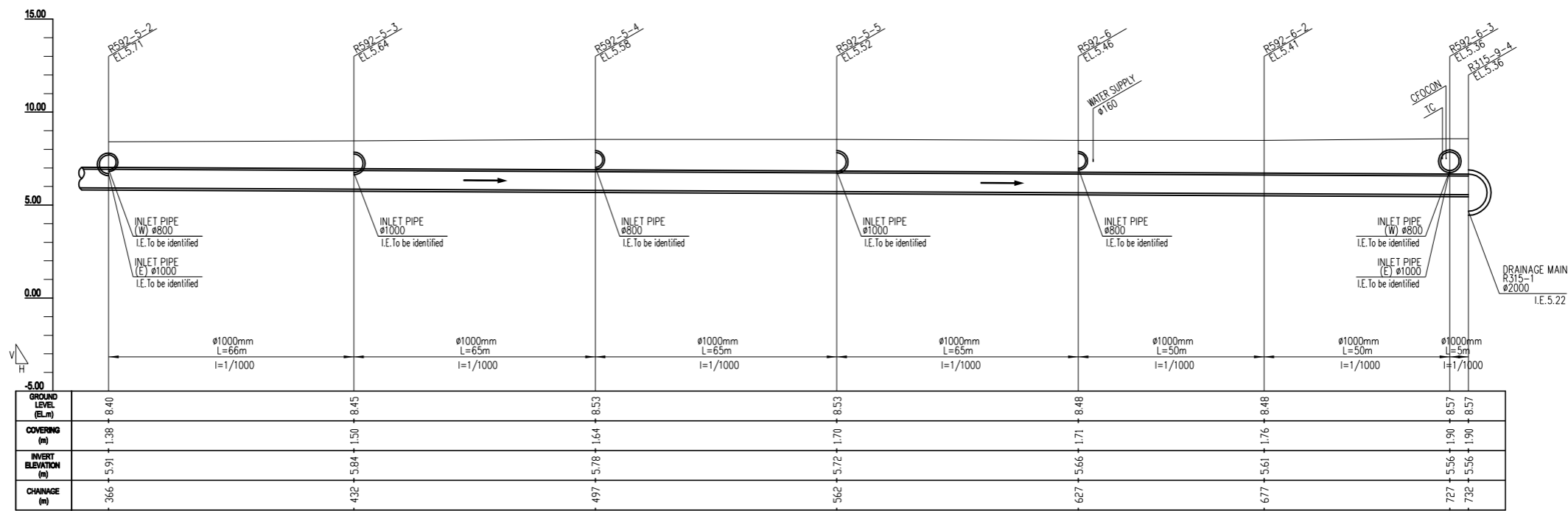


**PLAN** (Manhole No. fr. R592-5-2 to R315-9-4)

SCALE A

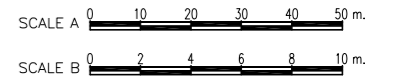
**LEGEND**

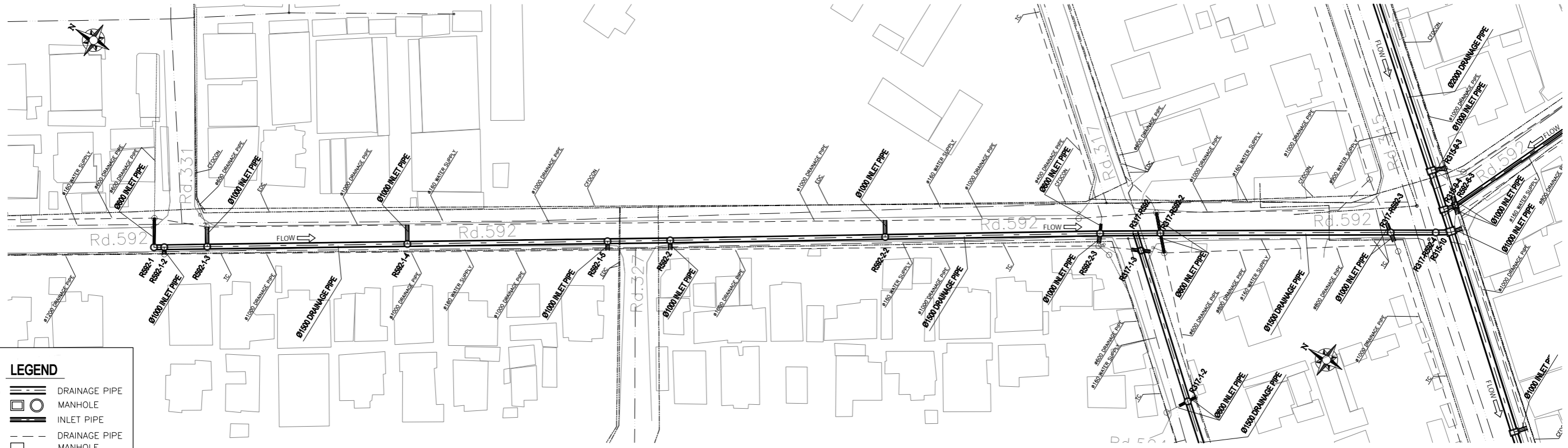
- PROPOSED
  - DRAINAGE PIPE
  - MANHOLE
  - INLET PIPE
- EXISTING
  - DRAINAGE PIPE
  - MANHOLE
- UNDER GROUND FACILITIES
  - EDC
  - NATIONAL RADIO
  - PPFOTV
  - CFCOON
  - TEL(CAMINTEL)
  - TEL(TELECAM)
  - WATER SUPPLY
- AREA OF CONCRETE PAVEMENT
- BENCH MARK



**PROFILE** (Manhole No. fr. R592-5-2 to R315-9-4)

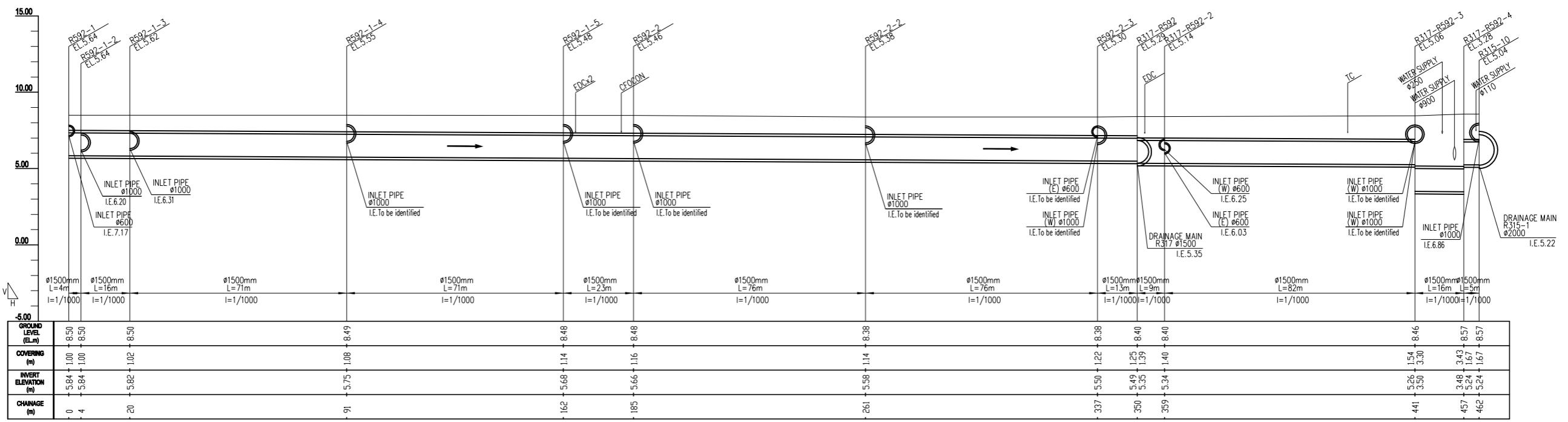
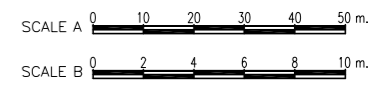
H: SCALE A V: SCALE B



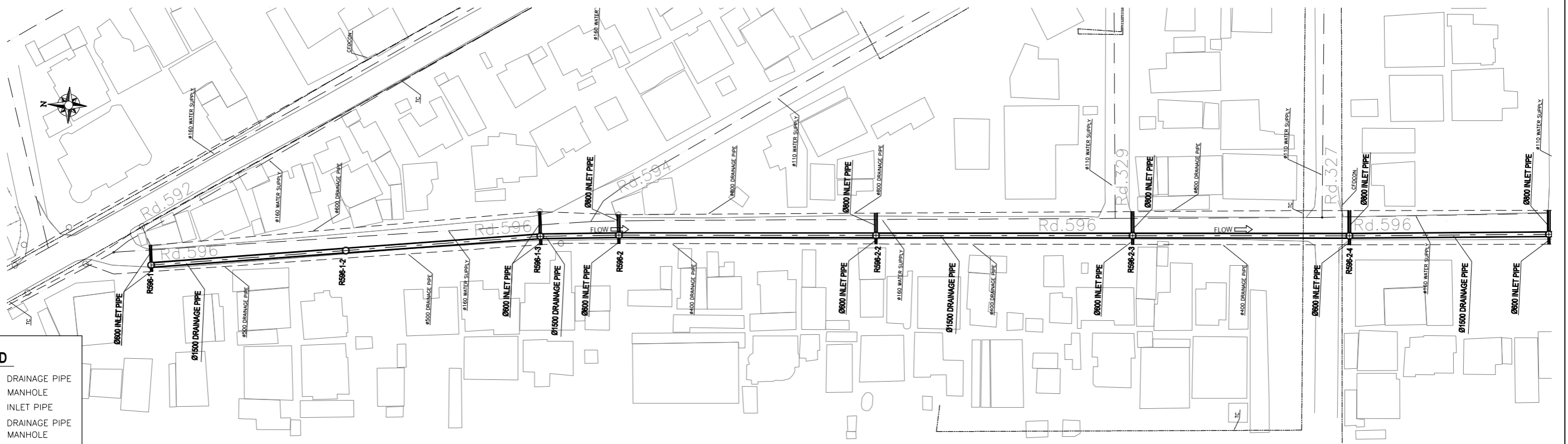


LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

PLAN (Manhole No. fr. R592-1 to R315-10)  
SCALE A

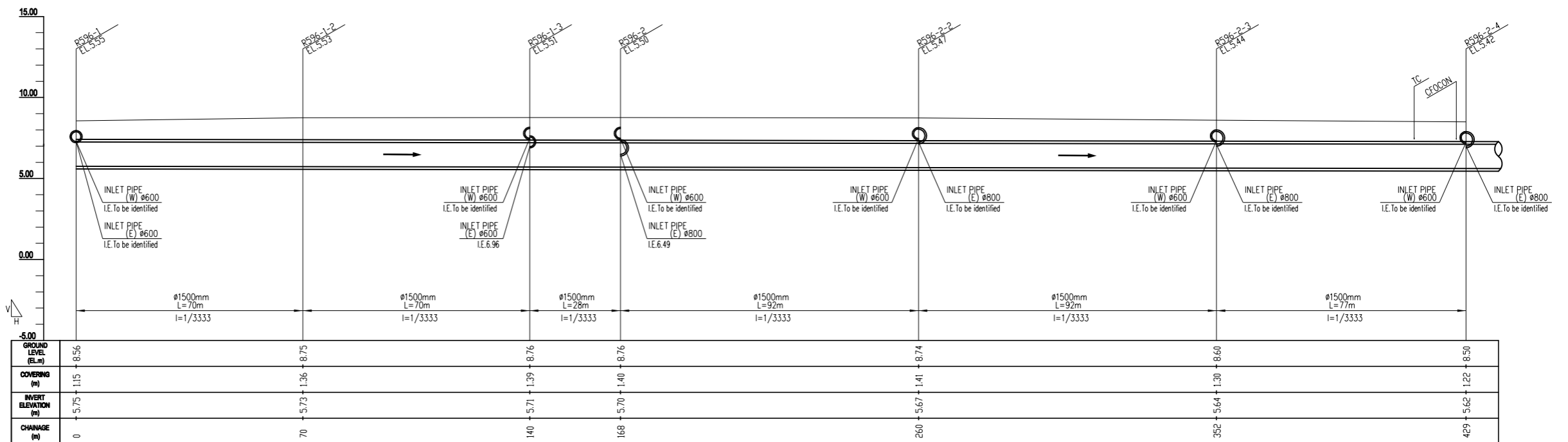
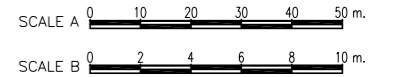


PROFILE (Manhole No. fr. R592-1 to R315-10)  
H: SCALE A V: SCALE B

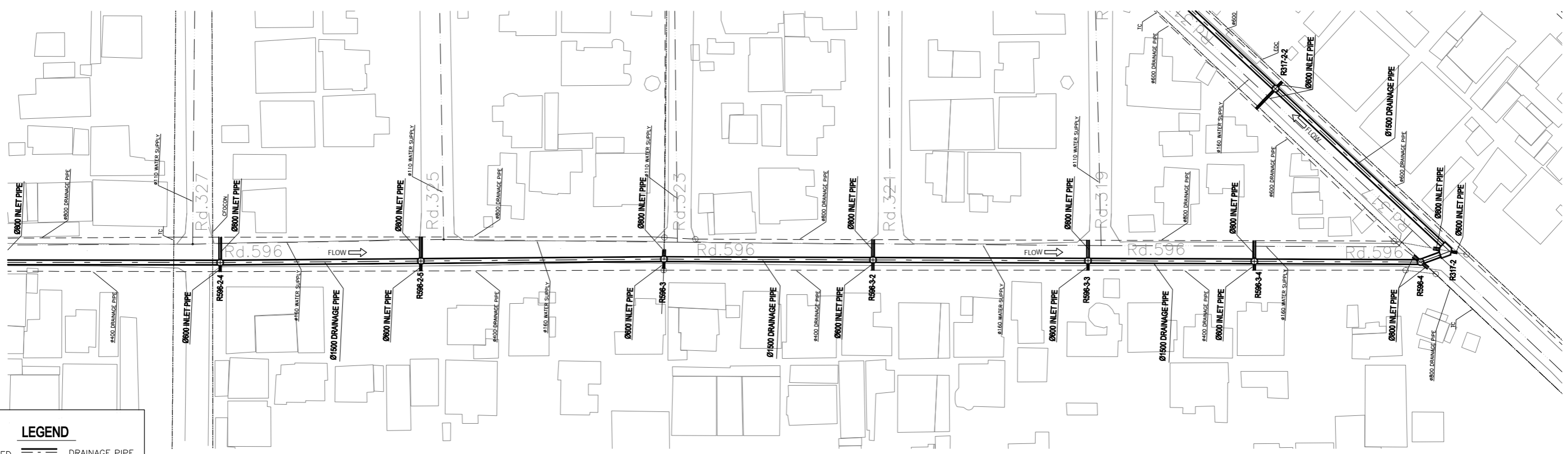


LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFCO
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

**PLAN** (Manhole No. fr. R596-1 to R596-2-4)  
SCALE A



**PROFILE** (Manhole No. fr. R596-1 to R596-2-4)  
H: SCALE A V: SCALE B



**PLAN** (Manhole No. fr. R596-2-4 to R317-2)

SCALE A

**LEGEND**

PROPOSED

- DRAINAGE PIPE
- MANHOLE
- INLET PIPE

EXISTING

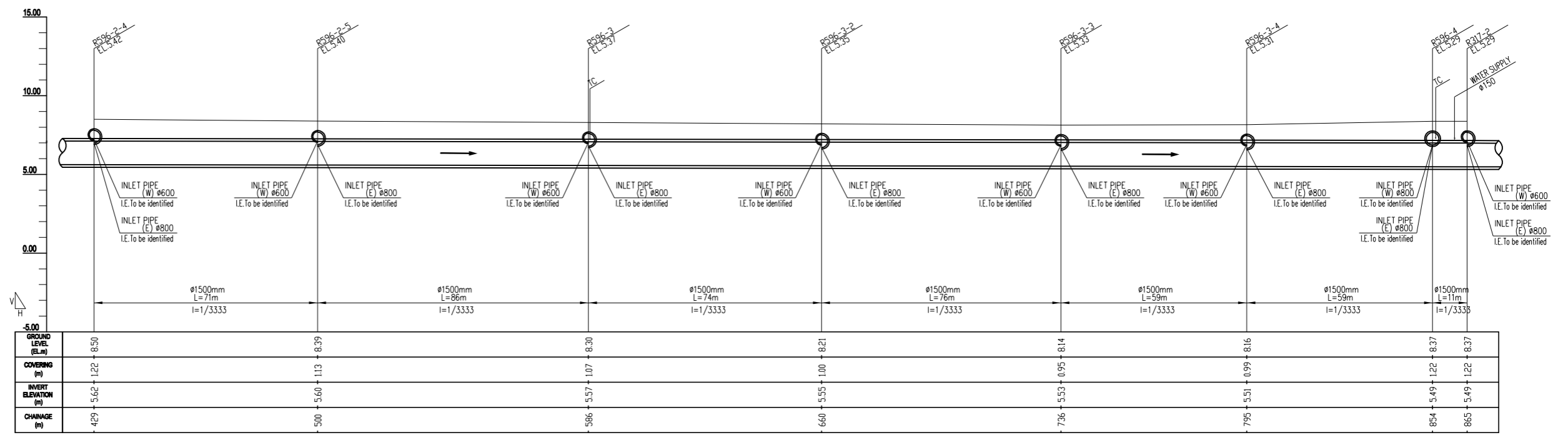
- DRAINAGE PIPE
- MANHOLE

UNDER GROUND FACILITIES

- EDC
- NATIONAL RADIO
- PPFOTV
- CFCN
- TEL(CAMINTEL)
- TEL(TELECAM)
- WATER SUPPLY

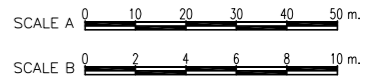
AREA OF CONCRETE PAVEMENT

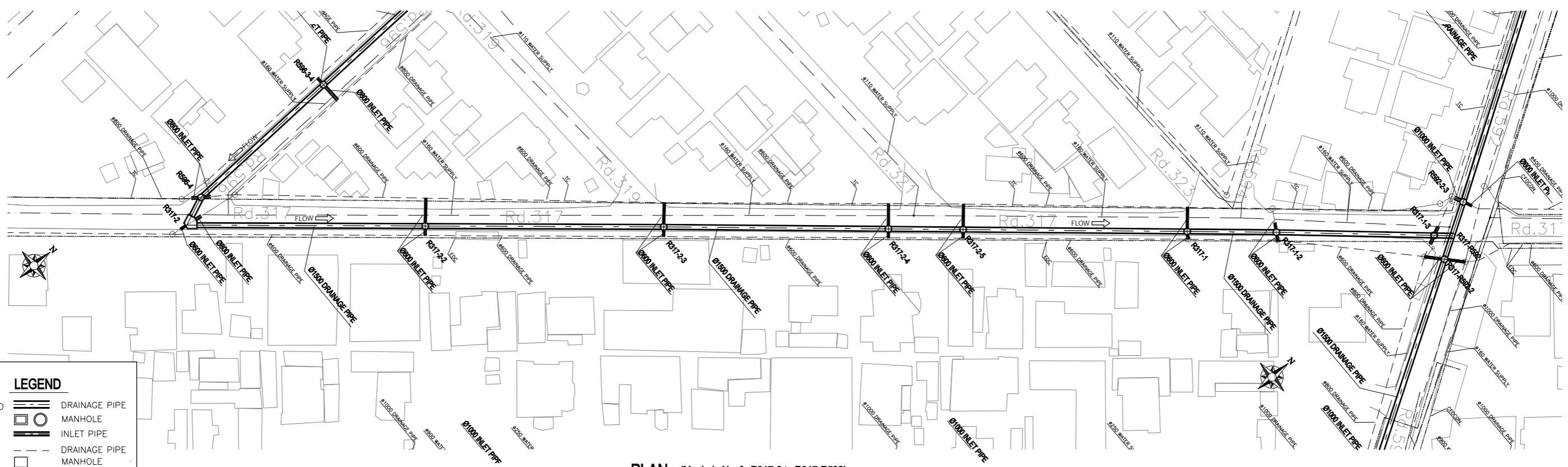
- BENCH MARK



**PROFILE** (Manhole No. fr. R596-2-4 to R317-2)

H: SCALE A V: SCALE B

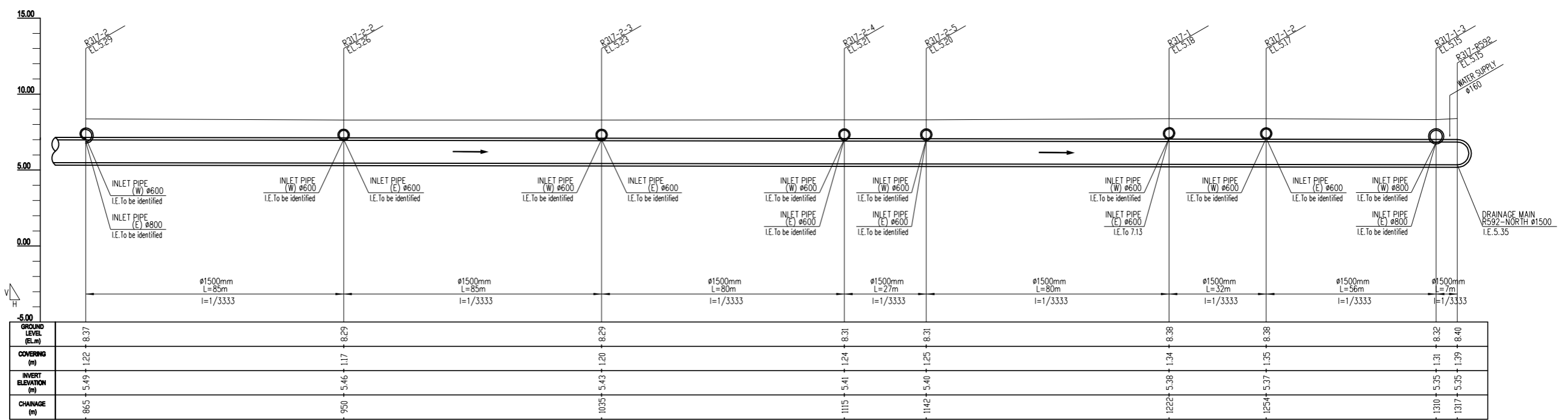




**PLAN** (Manhole No. fr. R317-2 to R317-R592)  
SCALE A

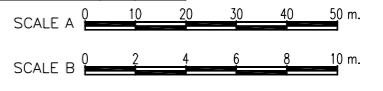
**LEGEND**

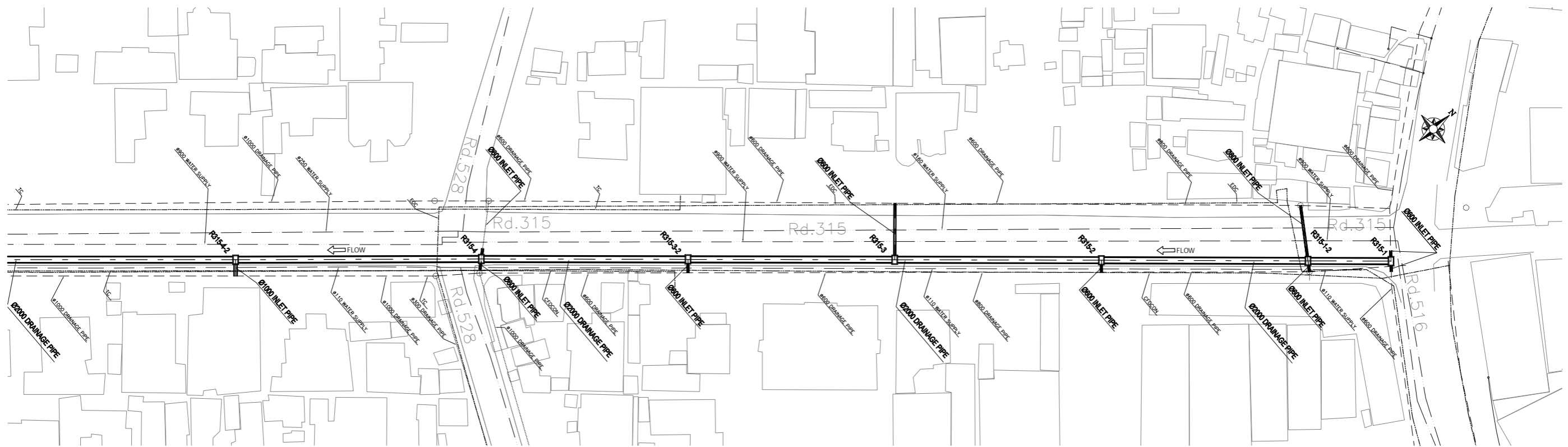
PROPOSED	—	DRAINAGE PIPE
	○	MANHOLE
	—	INLET PIPE
EXISTING	- - -	DRAINAGE PIPE
	□	MANHOLE
UNDER GROUND FACILITIES	- - -	EDC
	- - -	NATIONAL RADIO
	- - -	PPFOTV
	- - -	CFOCN
	- - -	TEL(CAMINTEL)
	- - -	TEL(TELECAM)
	- - -	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨	
BENCH MARK	⊙	



GROUND LEVEL (EL.m)	8.37	8.29	8.29	8.31	8.31	8.38	8.38	8.32
COVERING (m)	1.22	1.17	1.20	1.24	1.25	1.34	1.35	1.31
INVERT ELEVATION (m)	5.49	5.46	5.43	5.41	5.40	5.38	5.37	5.35
CHANGE (m)	-865	-950	-1035	-1115	-1142	-1222	-1254	-1310

**PROFILE** (Manhole No. fr. R317-2 to R317-R592)  
H: SCALE A V: SCALE B

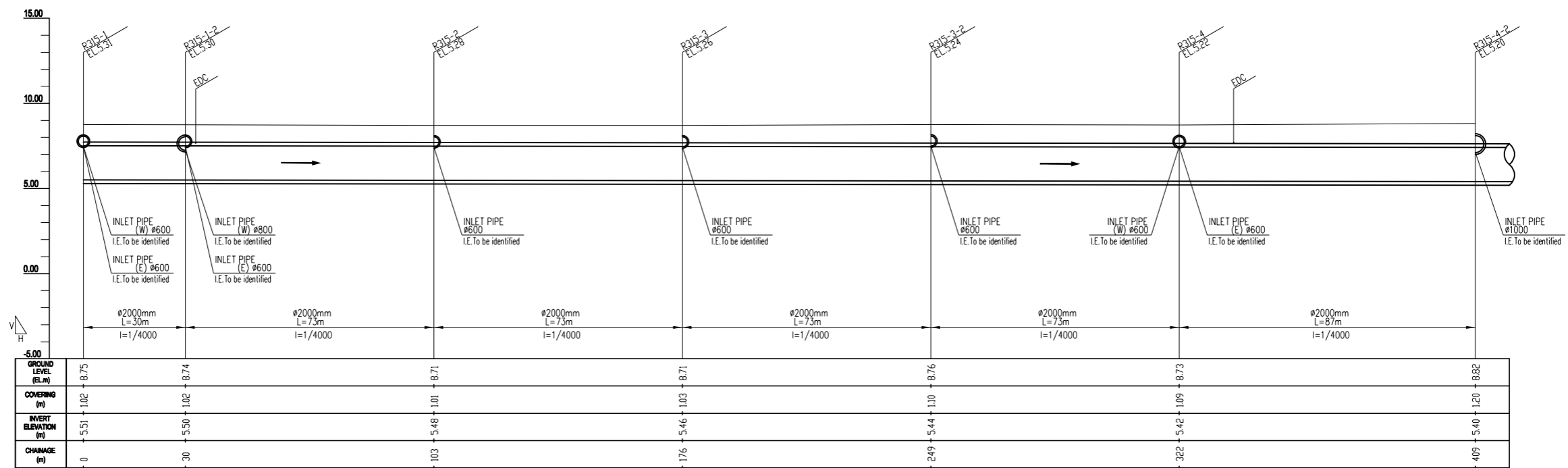




**PLAN** (Manhole No. fr. R315-1 to R315-4-2)

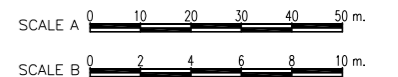
SCALE A

LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

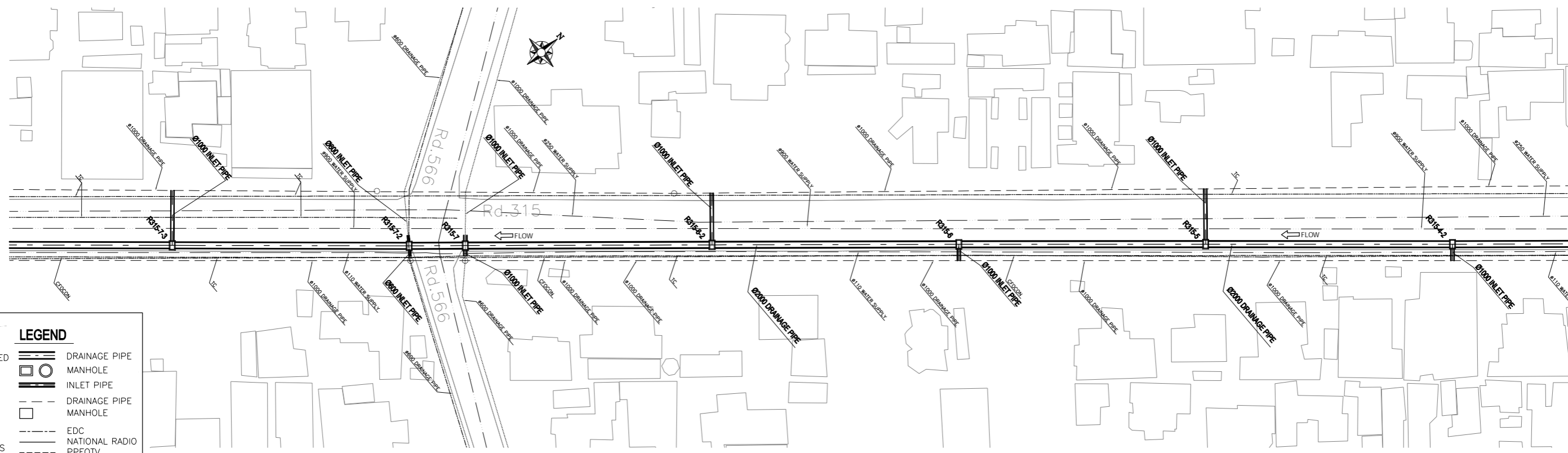


**PROFILE** (Manhole No. fr. R315-1 to R315-4-2)

H: SCALE A V: SCALE B



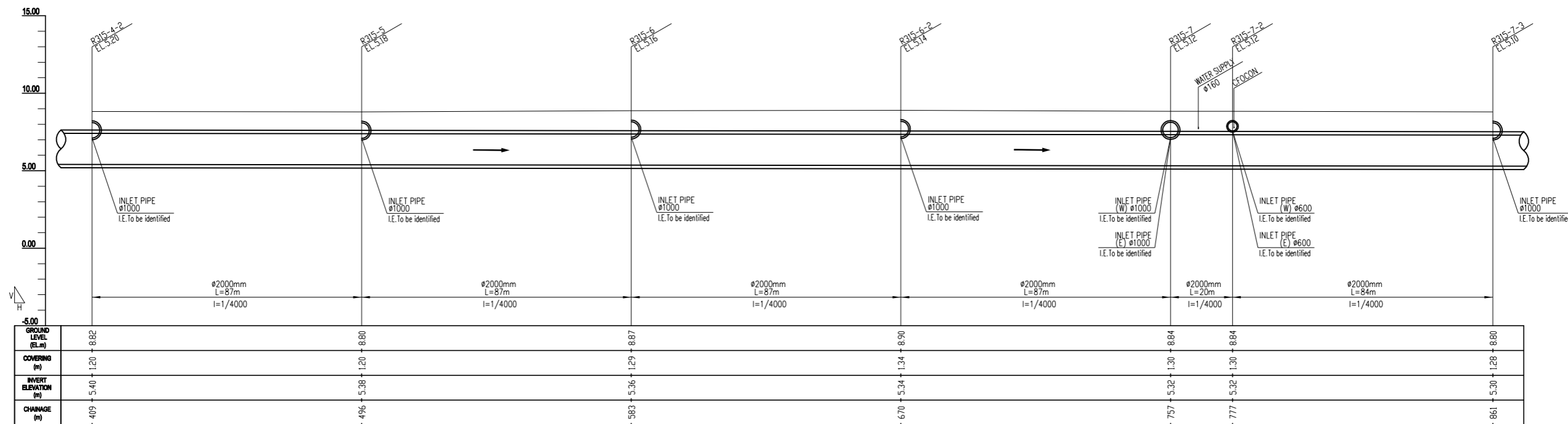




LEGEND	
PROPOSED	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> <li>INLET PIPE</li> </ul>
EXISTING	<ul style="list-style-type: none"> <li>DRAINAGE PIPE</li> <li>MANHOLE</li> </ul>
UNDER GROUND FACILITIES	<ul style="list-style-type: none"> <li>EDC</li> <li>NATIONAL RADIO</li> <li>PPFOTV</li> <li>CFOCN</li> <li>TEL(CAMINTEL)</li> <li>TEL(TELECAM)</li> <li>WATER SUPPLY</li> </ul>
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

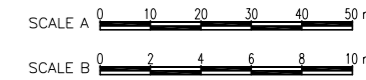
**PLAN** (Manhole No. fr. R315-4-2 to R315-7-3)

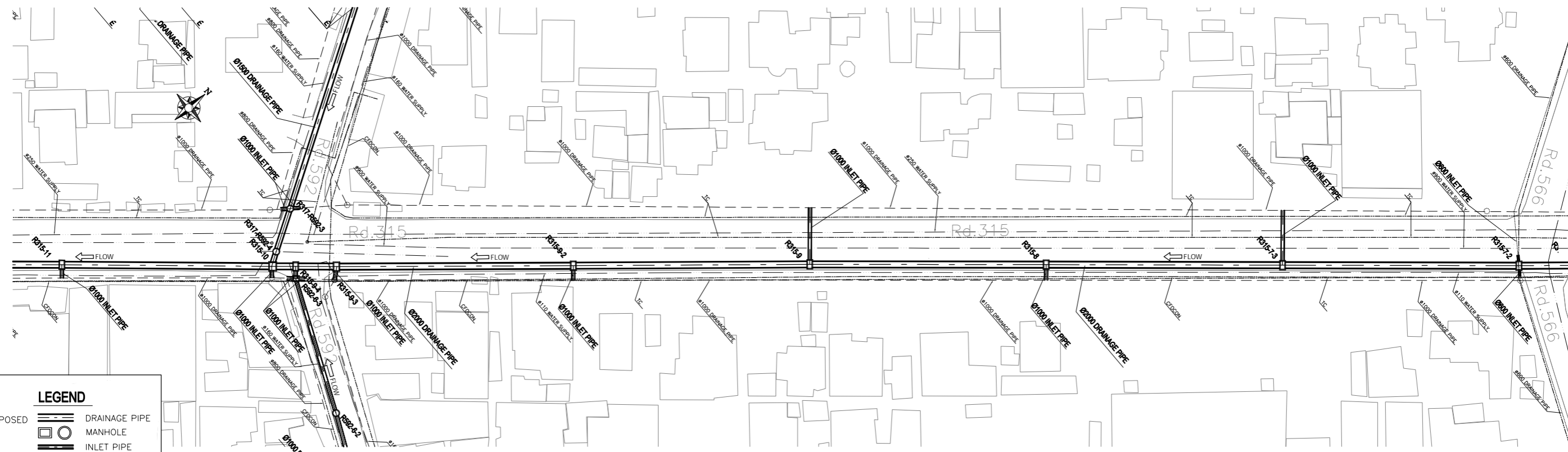
SCALE A



**PROFILE** (Manhole No. fr. R315-4-2 to R315-7-3)

H: SCALE A V: SCALE B



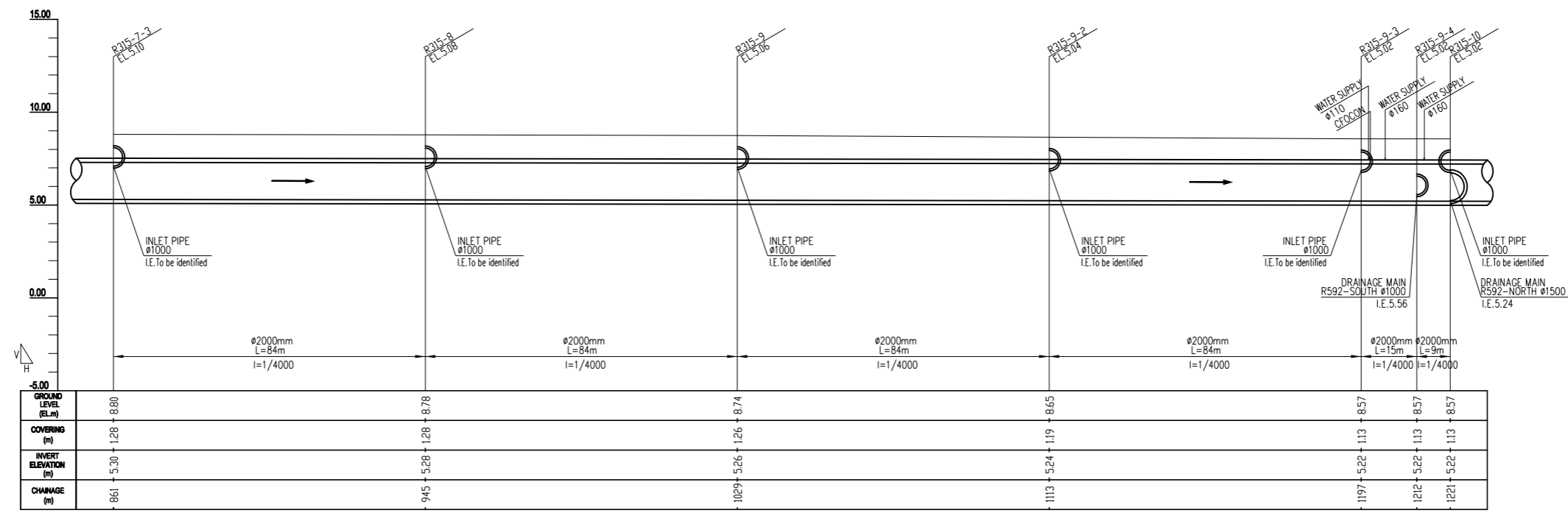


**PLAN** (Manhole No. fr. R315-7-3 to R315-10)

SCALE A

**LEGEND**

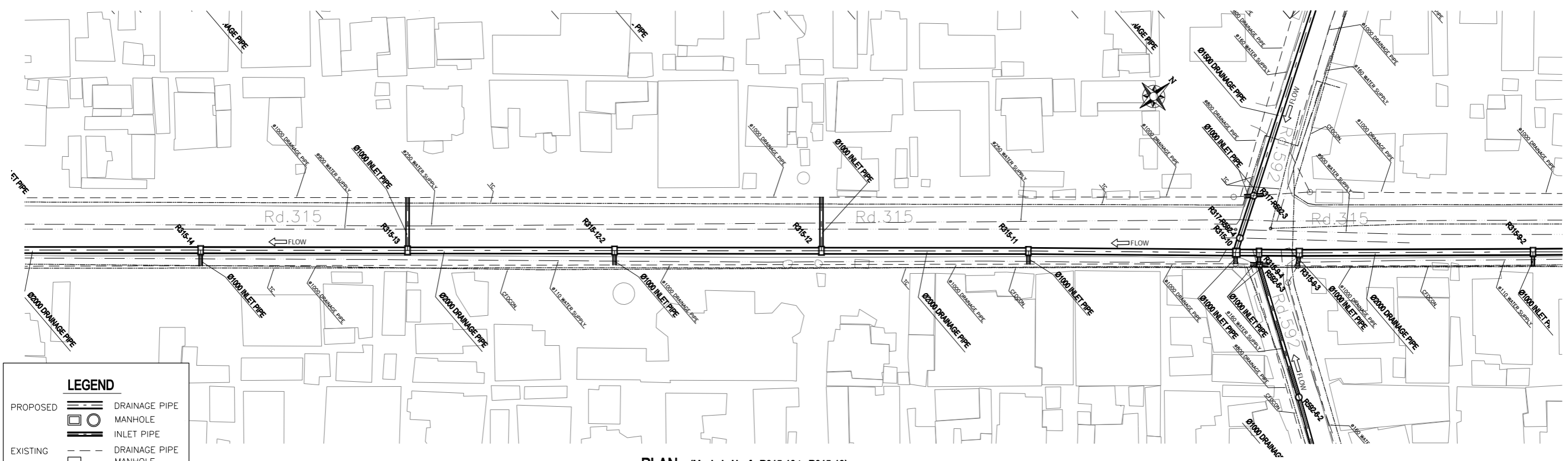
PROPOSED	—	DRAINAGE PIPE
	○	MANHOLE
	—	INLET PIPE
EXISTING	- - -	DRAINAGE PIPE
	□	MANHOLE
UNDER GROUND FACILITIES	- - -	EDC
	- - -	NATIONAL RADIO
	- - -	PPFOTV
	- - -	CFOCN
	- - -	TEL(CAMINTEL)
	- - -	TEL(TELECAM)
	- - -	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨	
BENCH MARK	⊕	



**PROFILE** (Manhole No. fr. R315-7-3 to R315-10)

H: SCALE A V: SCALE B

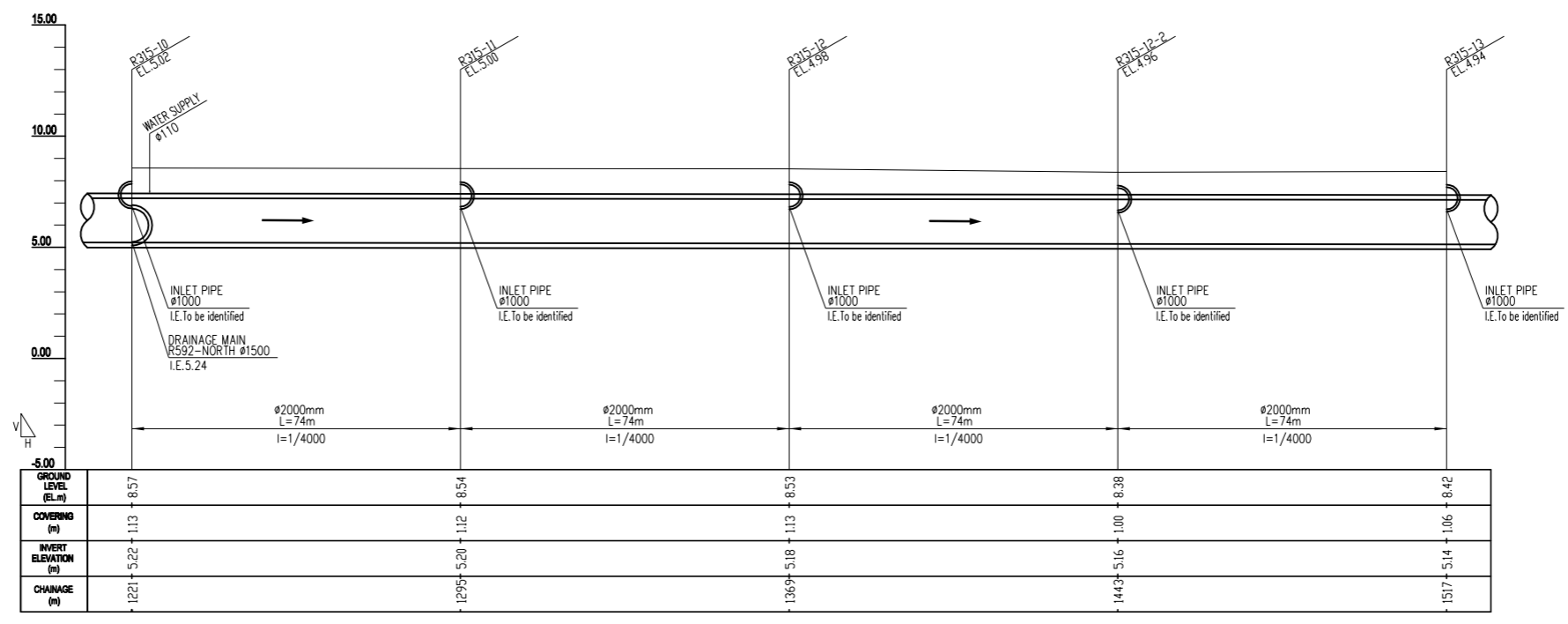




**PLAN** (Manhole No. fr. R315-10 to R315-13)

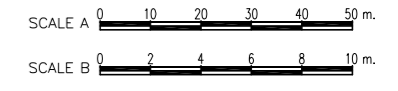
SCALE A

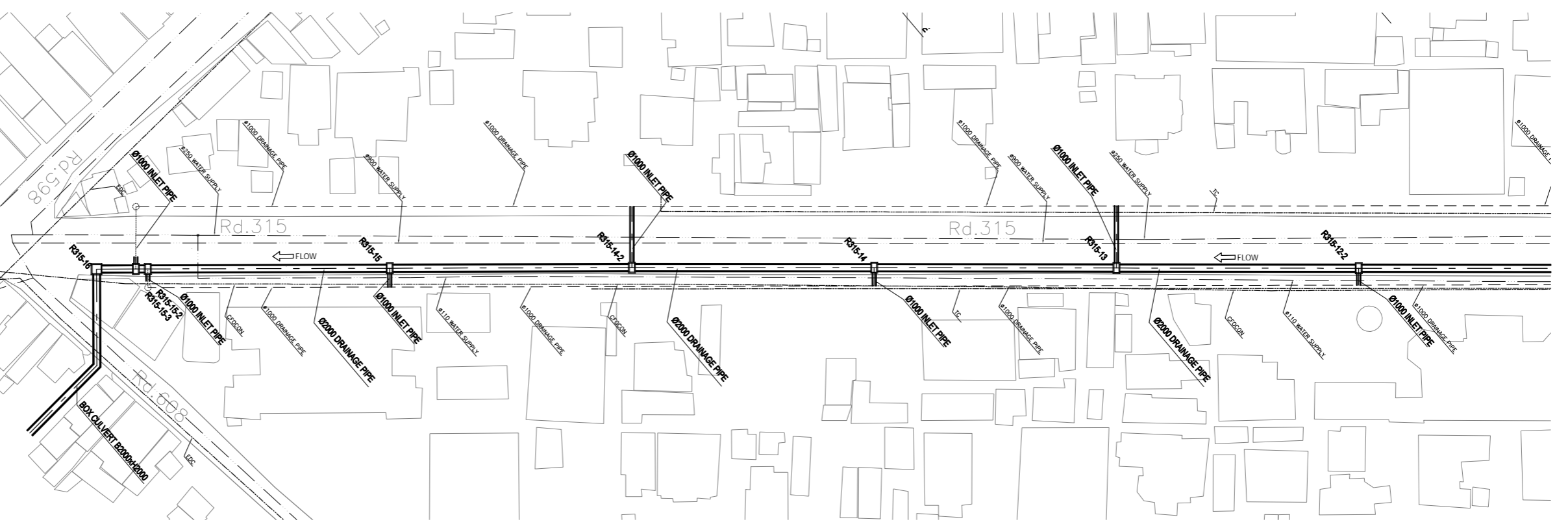
LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



**PROFILE** (Manhole No. fr. R315-10 to R315-13)

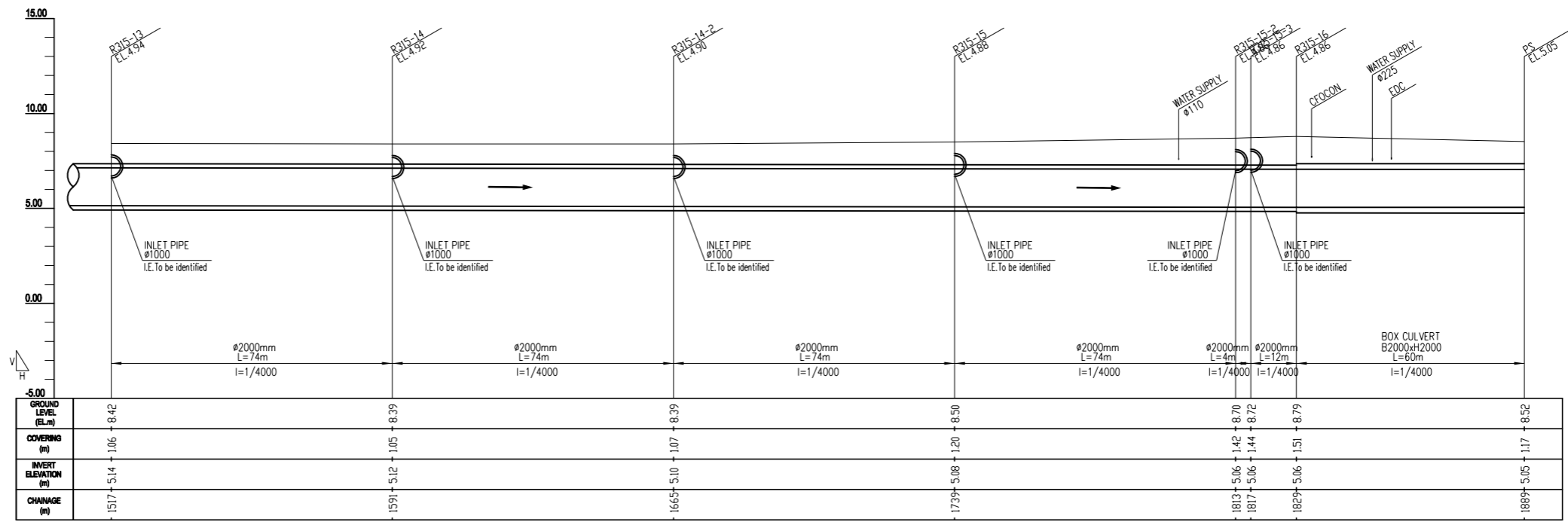
H: SCALE A V: SCALE B



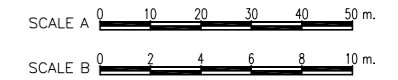


LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

**PLAN** (Manhole No. fr. R315-13 to P.S.1)  
SCALE A



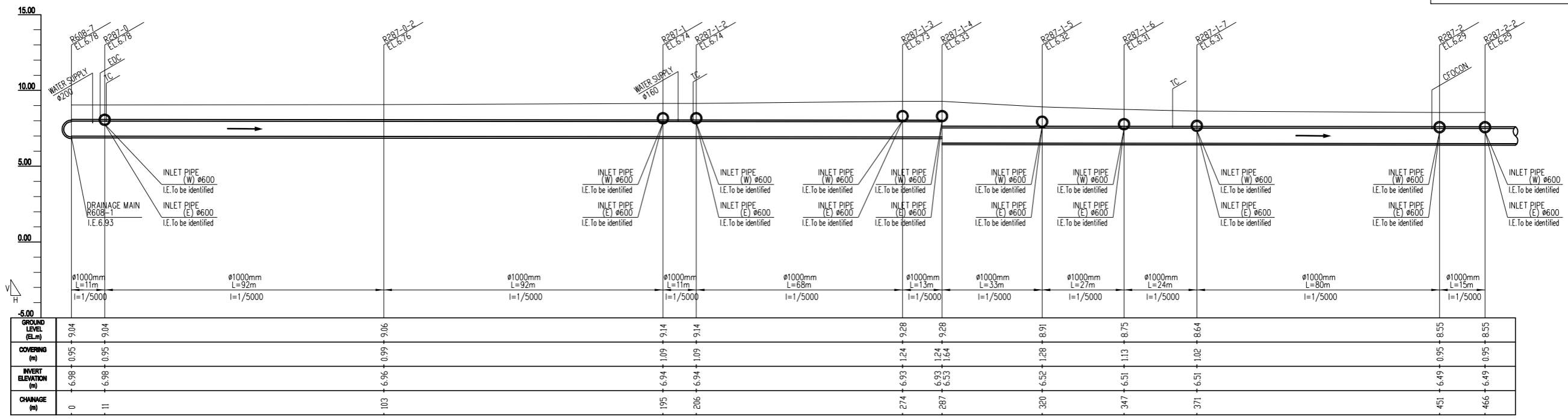
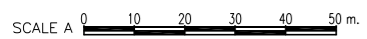
**PROFILE** (Manhole No. fr. R315-13 to P.S.1)  
H: SCALE A V: SCALE B





**PLAN** (Manhole No. fr. R608-7 to R287-2-2)

SCALE A



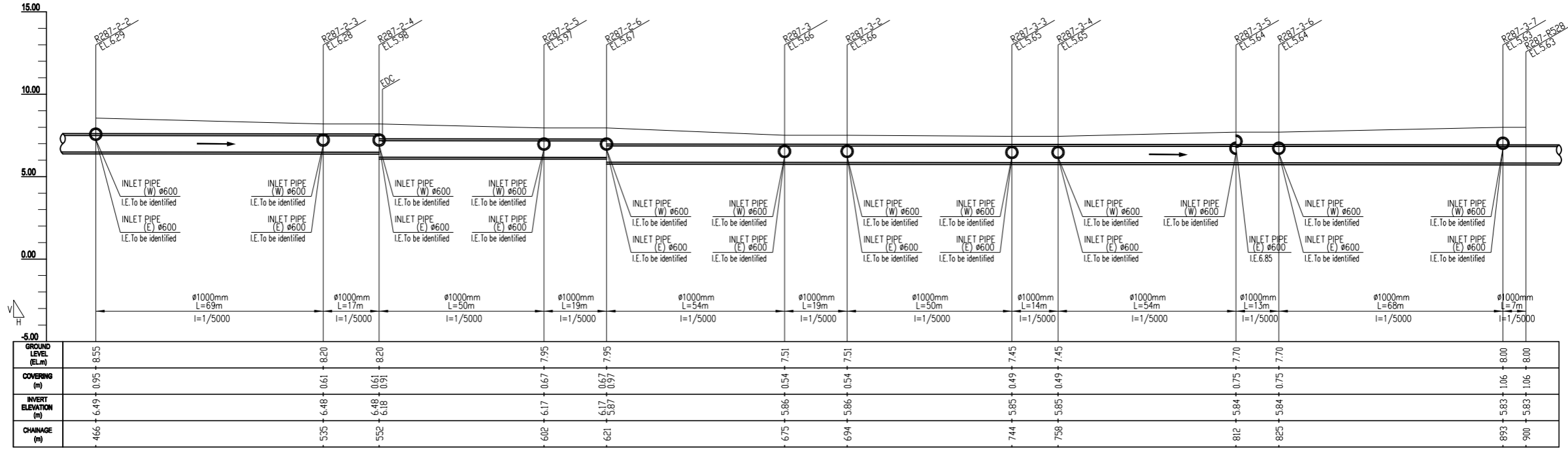
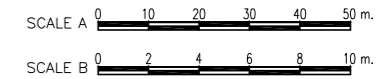
**PROFILE** (Manhole No. fr. R608-7 to R287-2-2)

H: SCALE A V: SCALE B



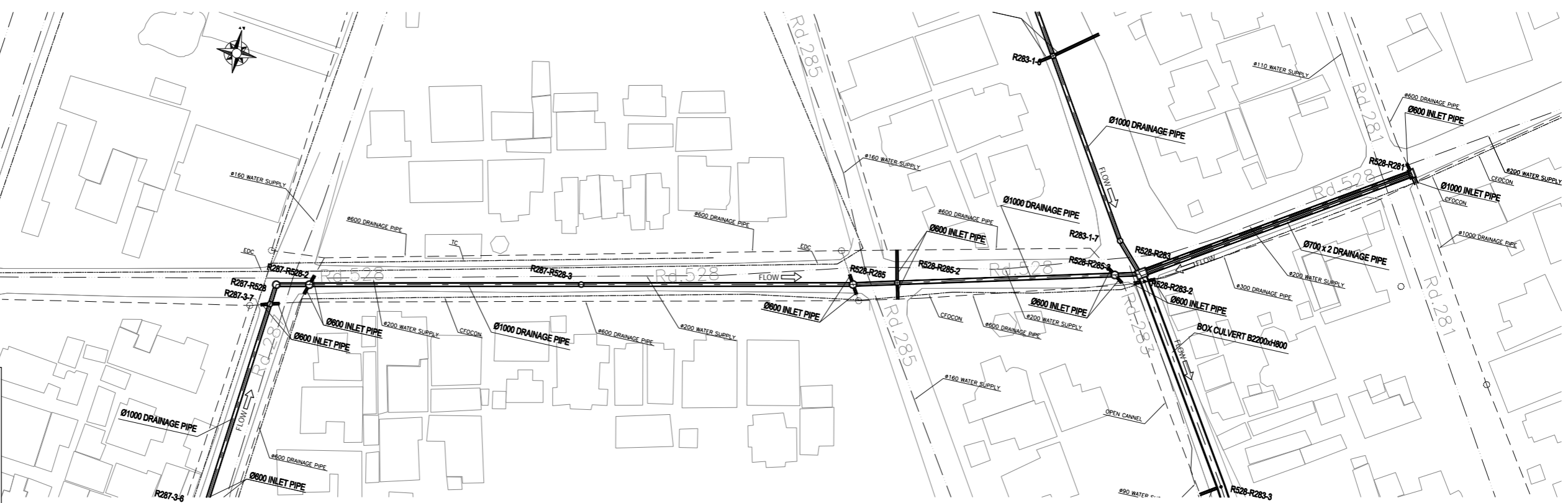
**PLAN** (Manhole No. fr. R287-2-2 to R287-R528)  
SCALE A

LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

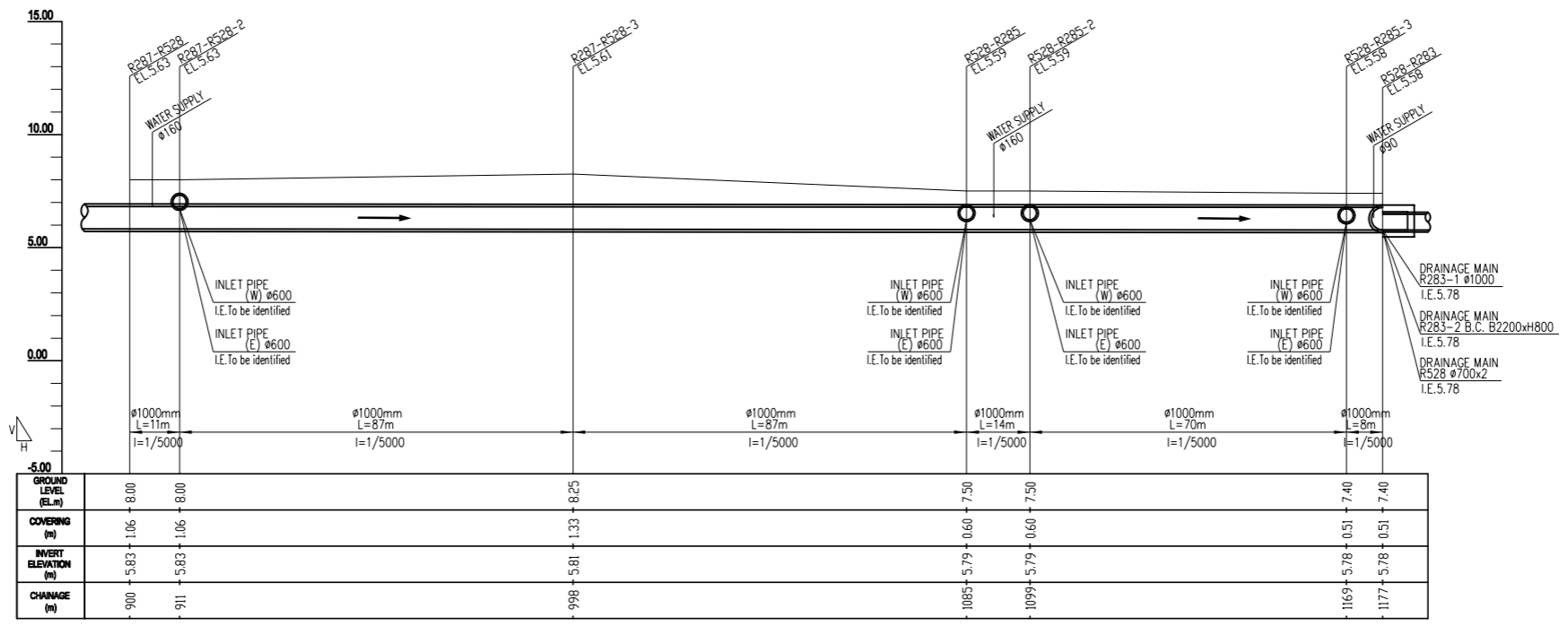


**PROFILE** (Manhole No. fr. R287-2-2 to R287-R528)  
H: SCALE A V: SCALE B

LEGEND	
PROPOSED	DRAINAGE PIPE MANHOLE INLET PIPE
EXISTING	DRAINAGE PIPE MANHOLE
UNDER GROUND FACILITIES	EDC NATIONAL RADIO PPFOTV CFCGN TEL(CAMINTEL) TEL(TELECAM) WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

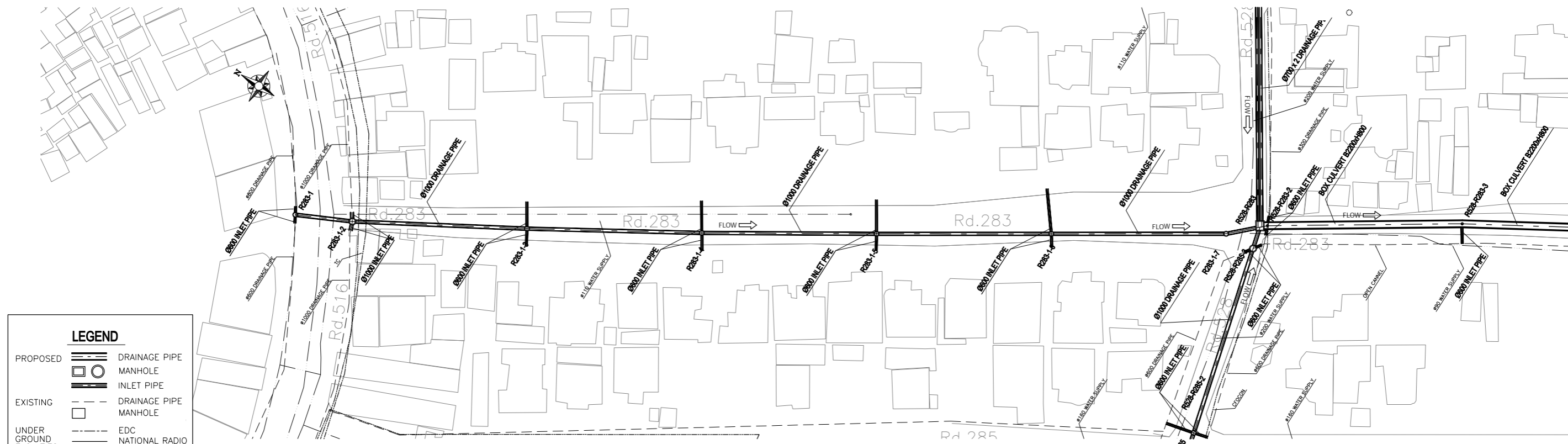


**PLAN** (Manhole No. fr. R287-R528 to R528-R283)  
SCALE A



**PROFILE** (Manhole No. fr. R287-R528 to R528-R283)  
H: SCALE A V: SCALE B

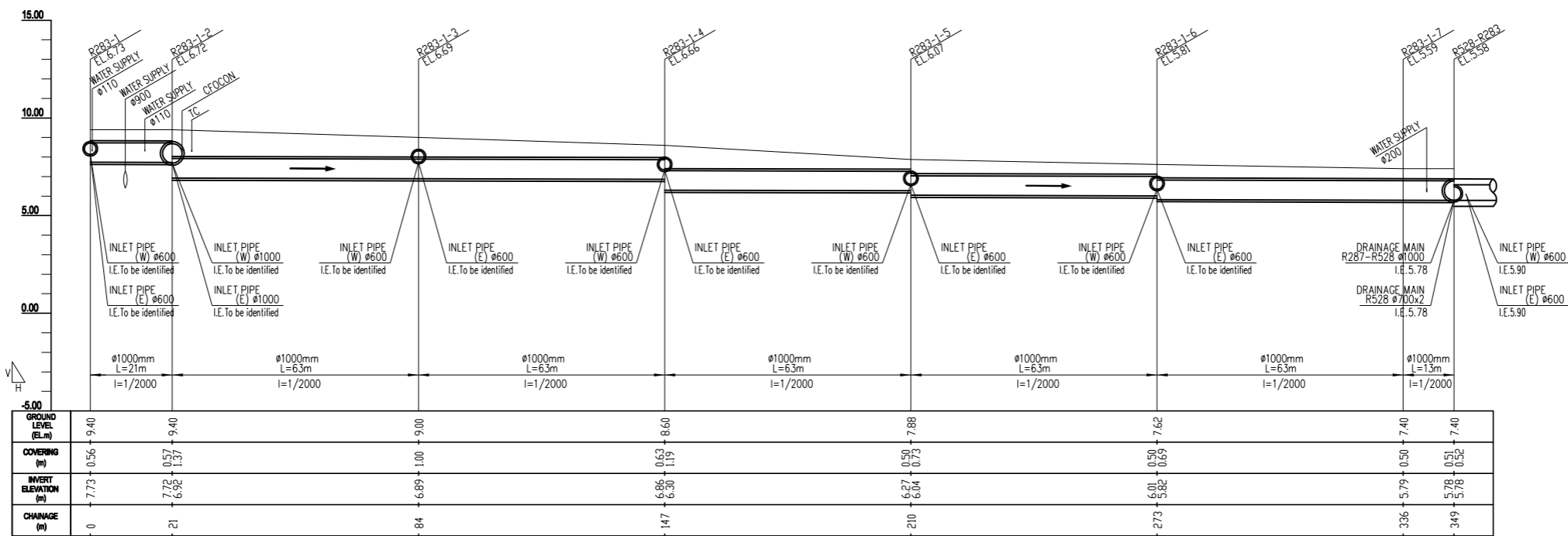




**PLAN** (Manhole No. fr. R283-1 to R528-R283)

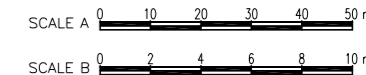
SCALE A

LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

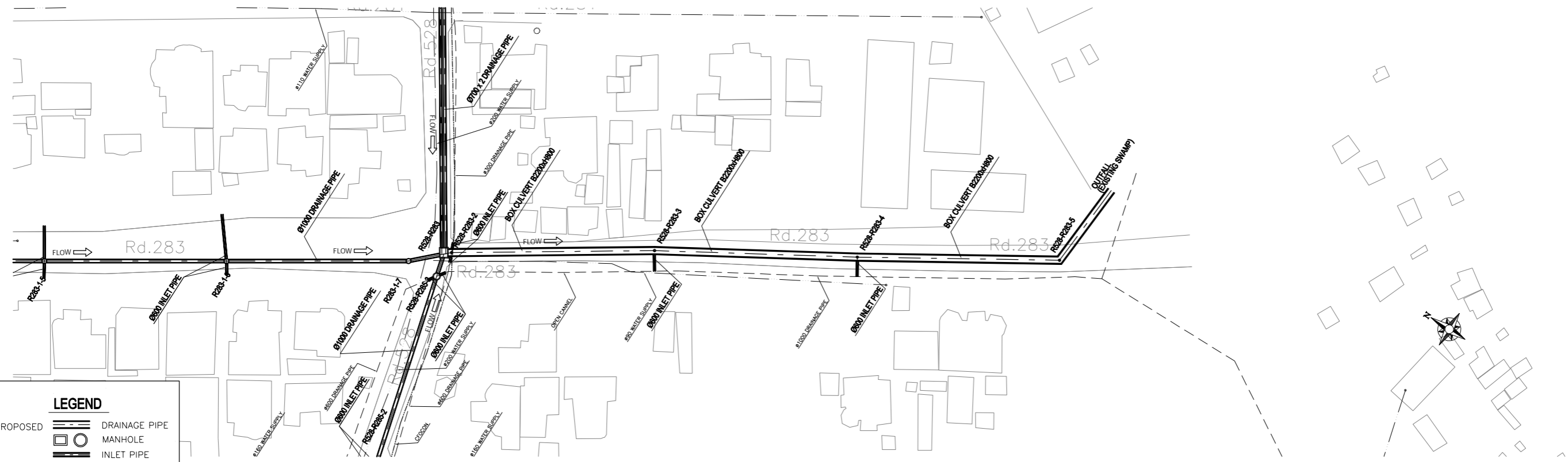


**PROFILE** (Manhole No. fr. R283-1 to R528-R283)

H: SCALE A V: SCALE B



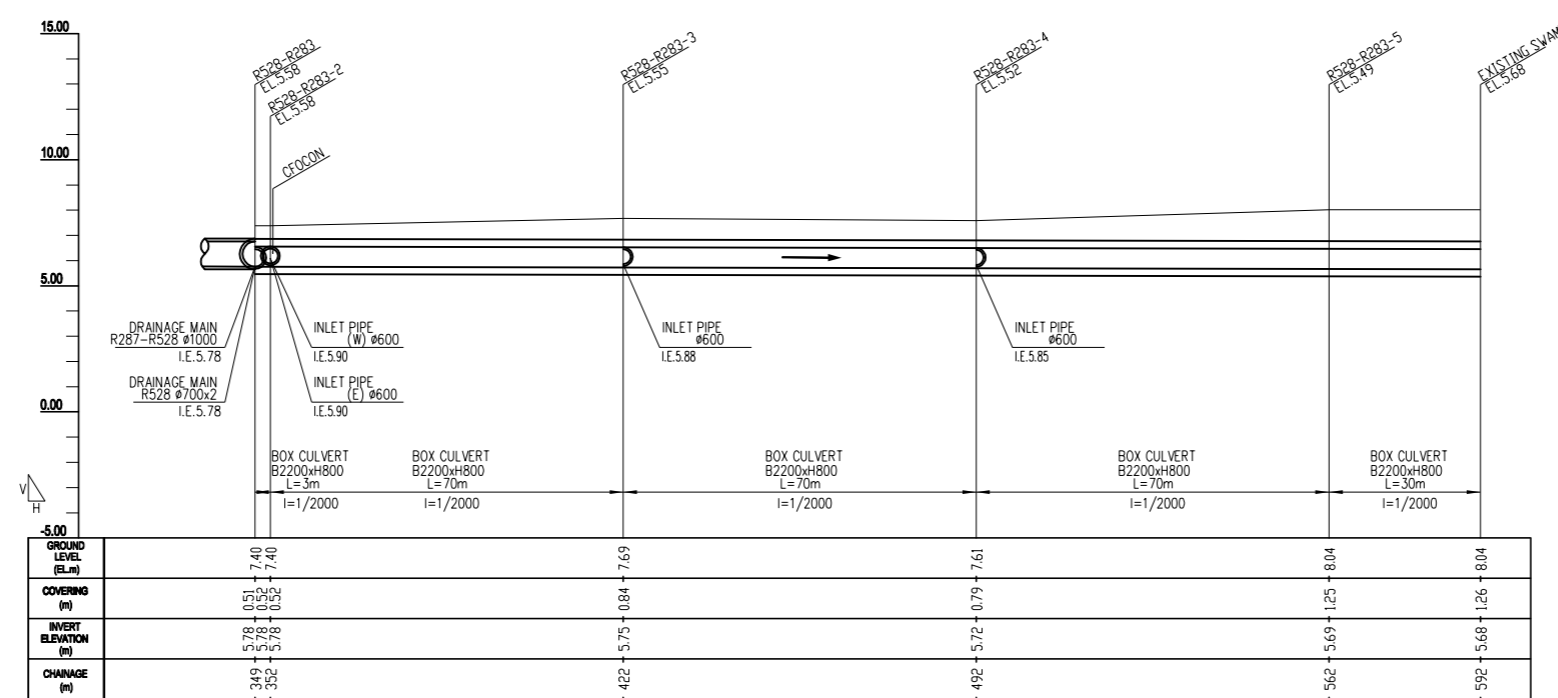




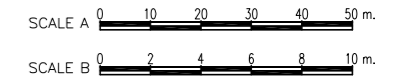
**LEGEND**

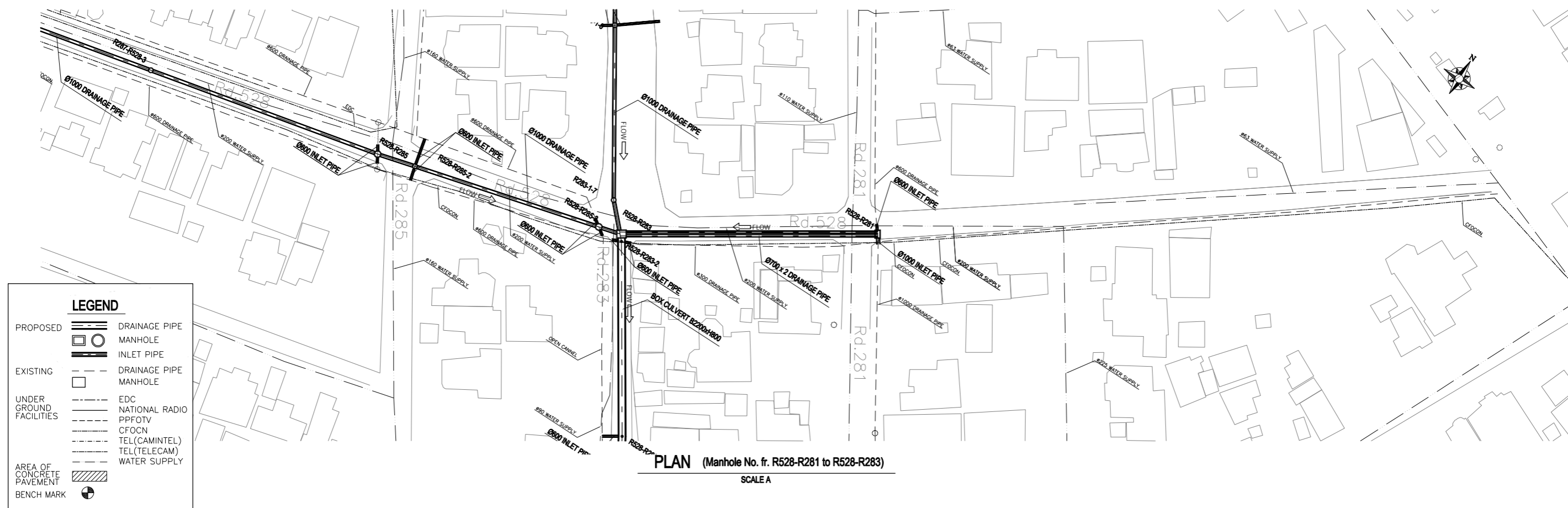
PROPOSED	—	DRAINAGE PIPE
	○	MANHOLE
	—	INLET PIPE
EXISTING	- - -	DRAINAGE PIPE
	□	MANHOLE
UNDER GROUND FACILITIES	- - -	EDC
	- - -	NATIONAL RADIO
	- - -	PPFOTV
	- - -	CFOCN
	- - -	TEL(CAMINTEL)
	- - -	TEL(TELECAM)
	- - -	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨	
BENCH MARK	⊕	

**PLAN** (Manhole No. fr. R528-R283 to Existing Swamp)  
SCALE A



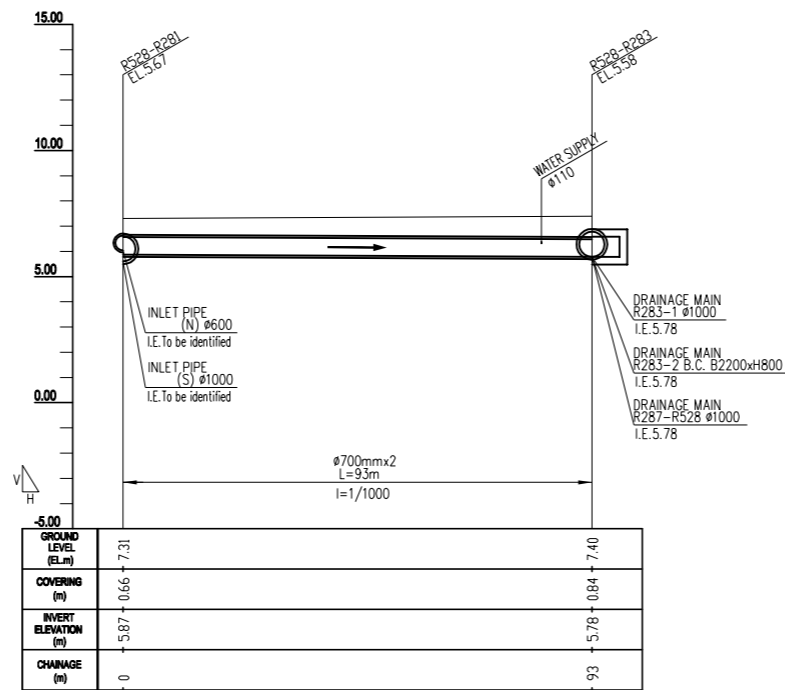
**PROFILE** (Manhole No. fr. R528-R283 to Existing Swamp)  
H: SCALE A V: SCALE B





**PLAN** (Manhole No. fr. R528-R281 to R528-R283)

SCALE A

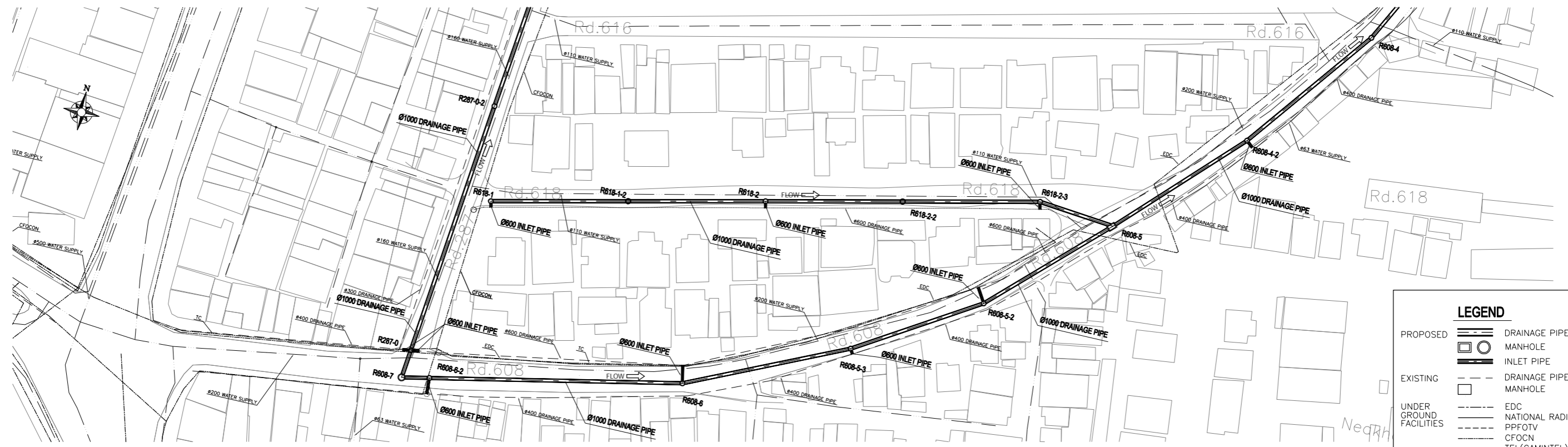


**PROFILE** (Manhole No. fr. R528-R281 to R528-R283)

H: SCALE A V: SCALE B

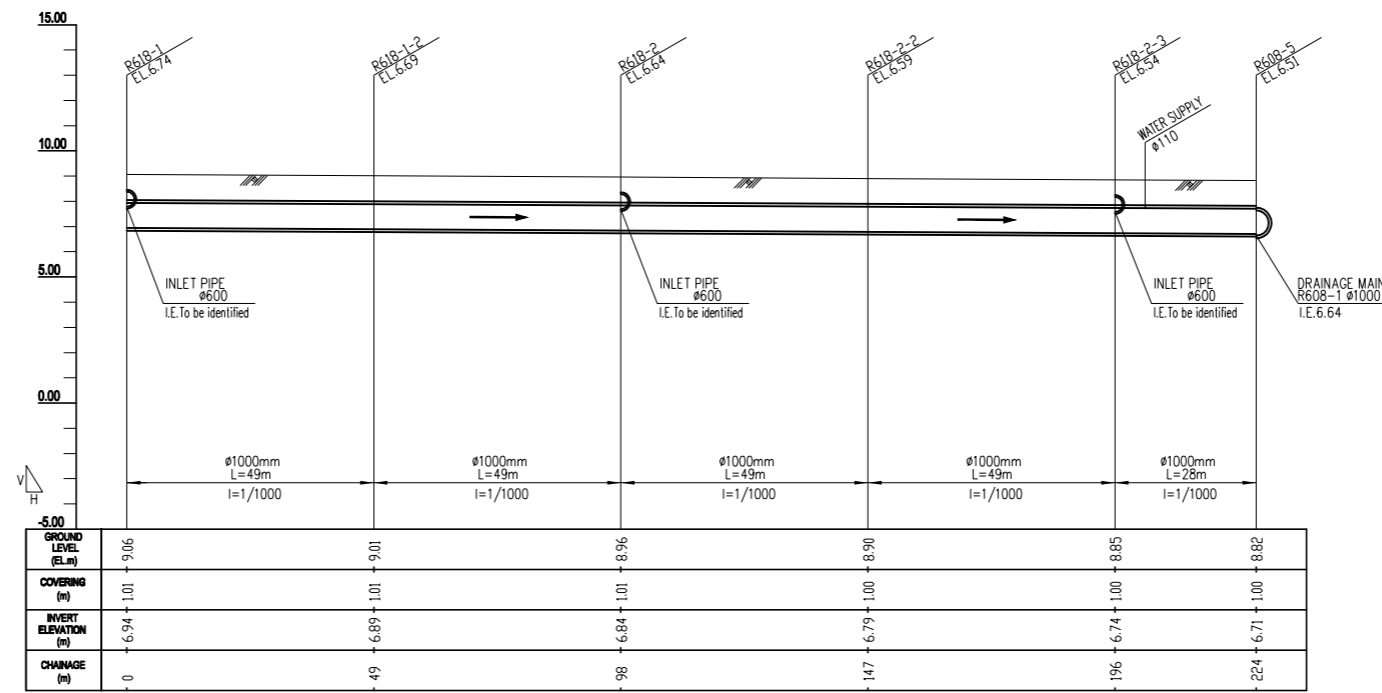
SCALE A 0 10 20 30 40 50 m.

SCALE B 0 2 4 6 8 10 m.



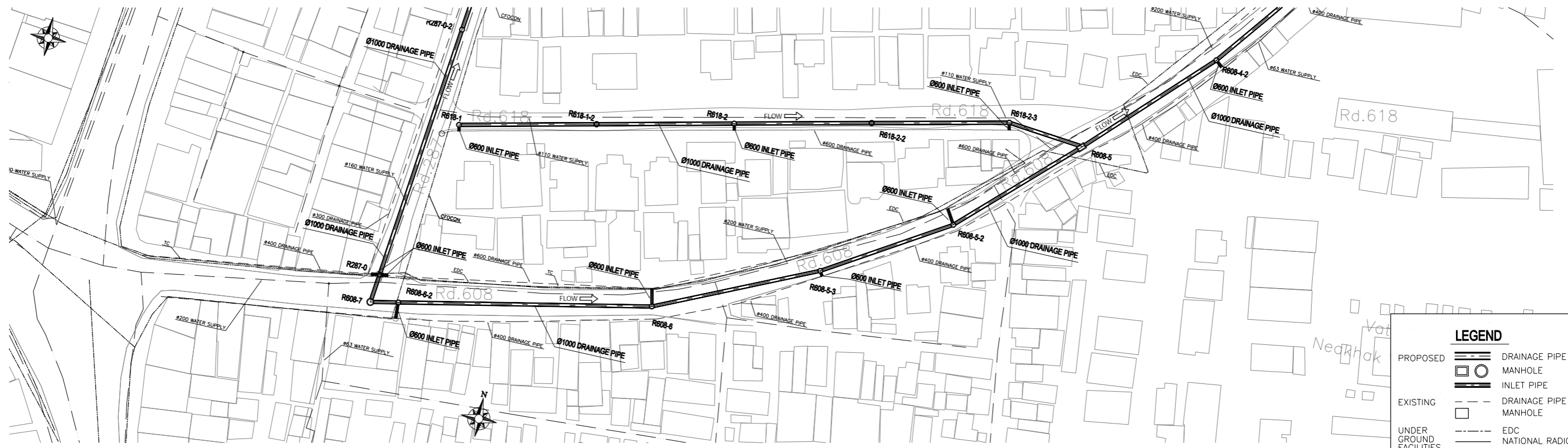
LEGEND	
PROPOSED	DRAINAGE PIPE
	MANHOLE
	INLET PIPE
EXISTING	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

**PLAN** (Manhole No. fr. R618-1 to R608-5)  
SCALE A

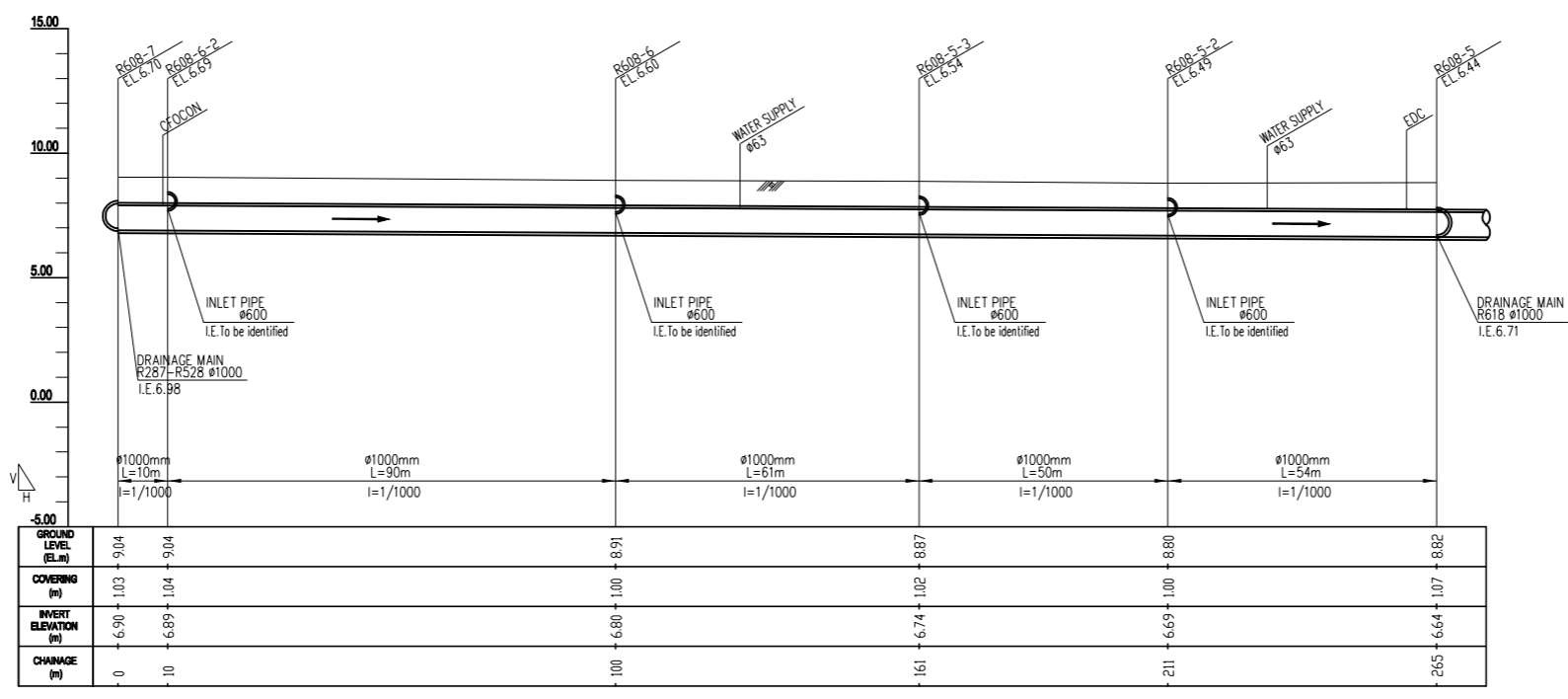


**PROFILE** (Manhole No. fr. R618-1 to R608-5)  
H: SCALE A V: SCALE B

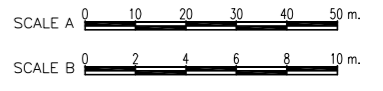




**PLAN** (Manhole No. fr. R608-7 to R608-5)  
SCALE A



**PROFILE** (Manhole No. fr. R608-7 to R608-5)  
H: SCALE A V: SCALE B

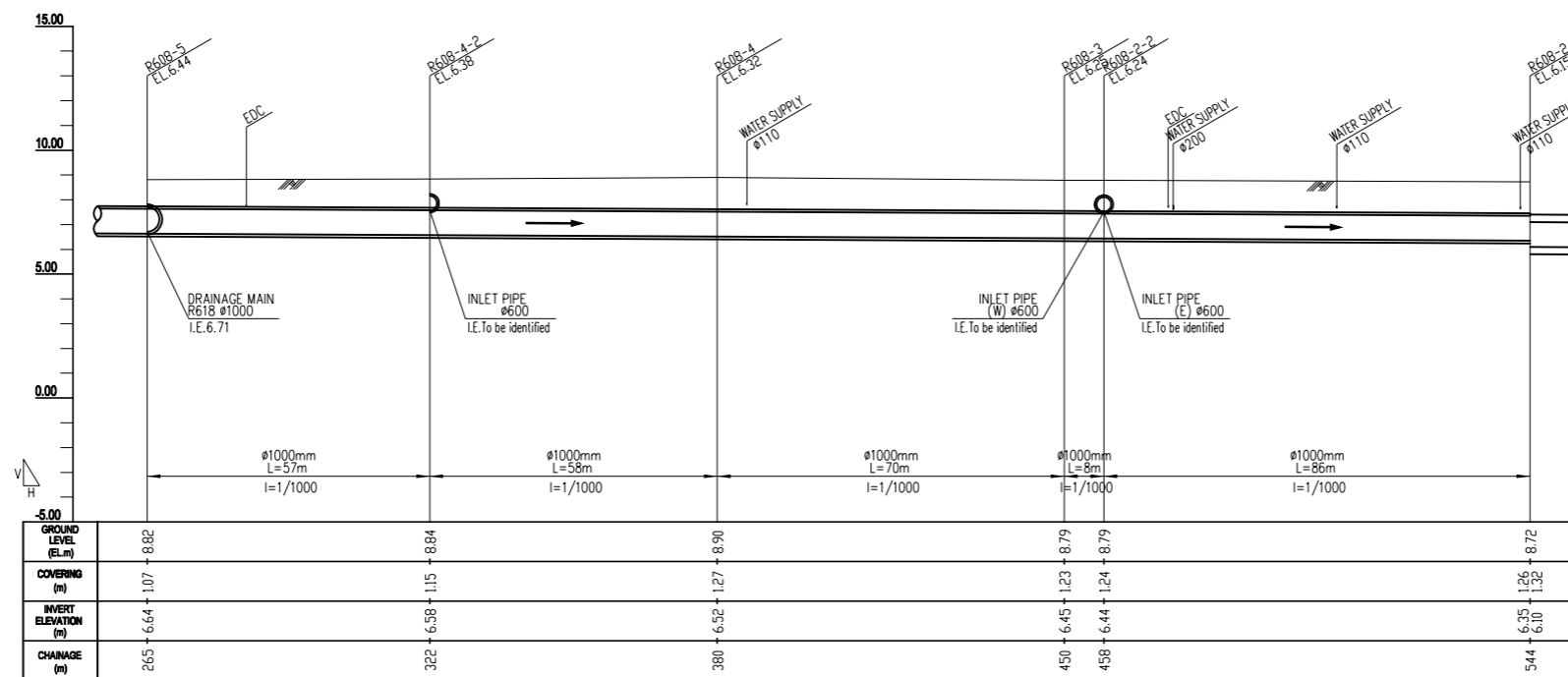




**PLAN** (Manhole No. fr. R608-5 to R608-2)

SCALE A

LEGEND	
PROPOSED	— DRAINAGE PIPE
	○ MANHOLE
	— INLET PIPE
EXISTING	- - - DRAINAGE PIPE
	○ MANHOLE
UNDER GROUND FACILITIES	- - - EDC
	- - - NATIONAL RADIO
	- - - PPFOV
	- - - CFOCN
	- - - TEL(CAMINTEL)
	- - - TEL(TELCAM)
	- - - WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨
BENCH MARK	⊕

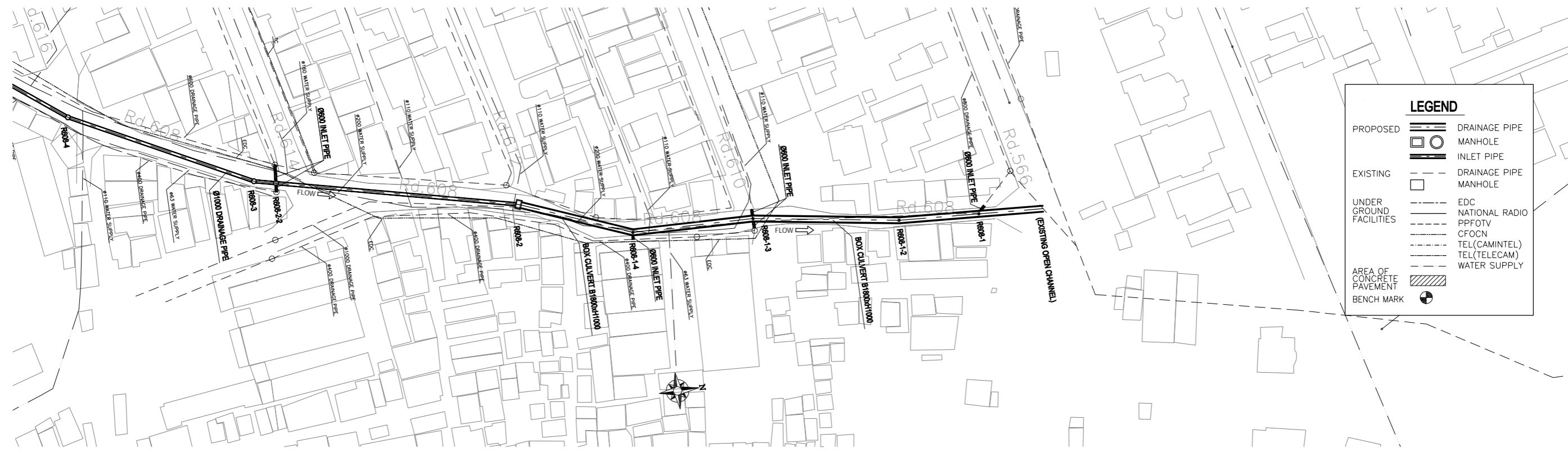


**PROFILE** (Manhole No. fr. R608-5 to R608-2)

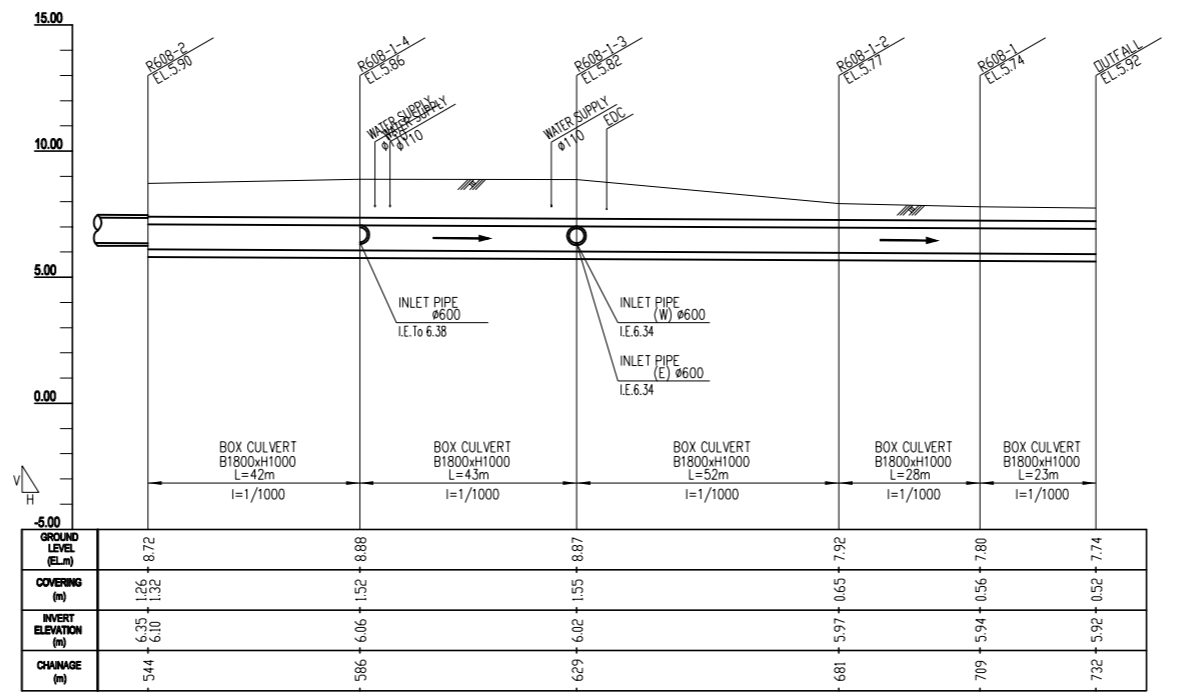
H: SCALE A V: SCALE B

SCALE A 0 10 20 30 40 50 m.

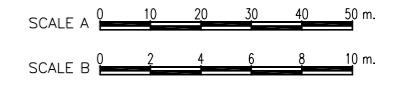
SCALE B 0 2 4 6 8 10 m.

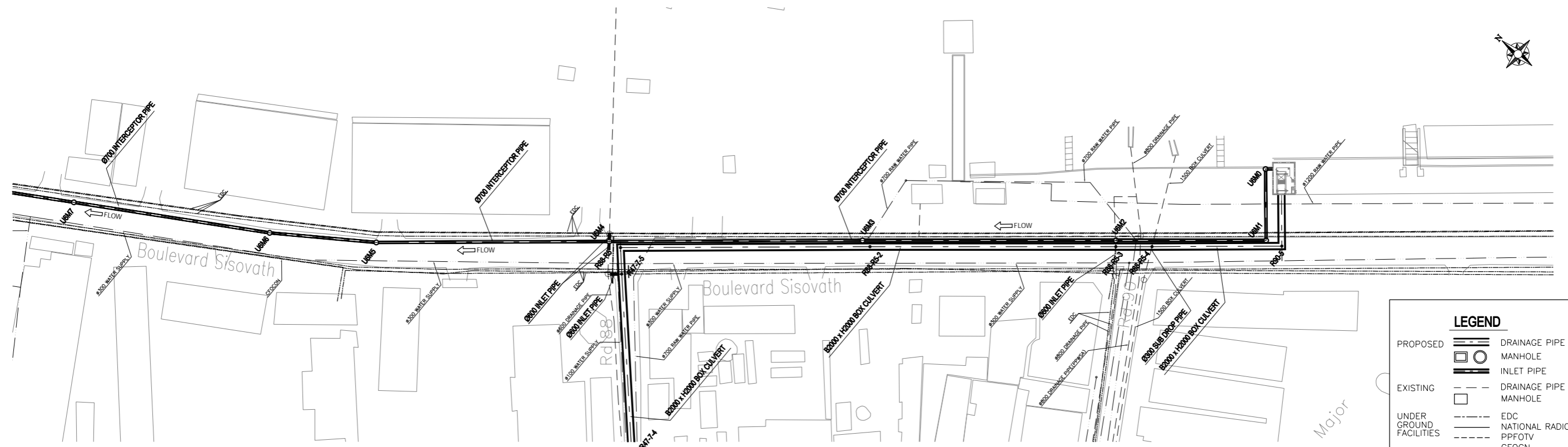


**PLAN** (Manhole No. fr. R608-2 to OUTFALL)  
SCALE A



**PROFILE** (Manhole No. fr. R608-2 to OUTFALL)  
H: SCALE A V: SCALE B

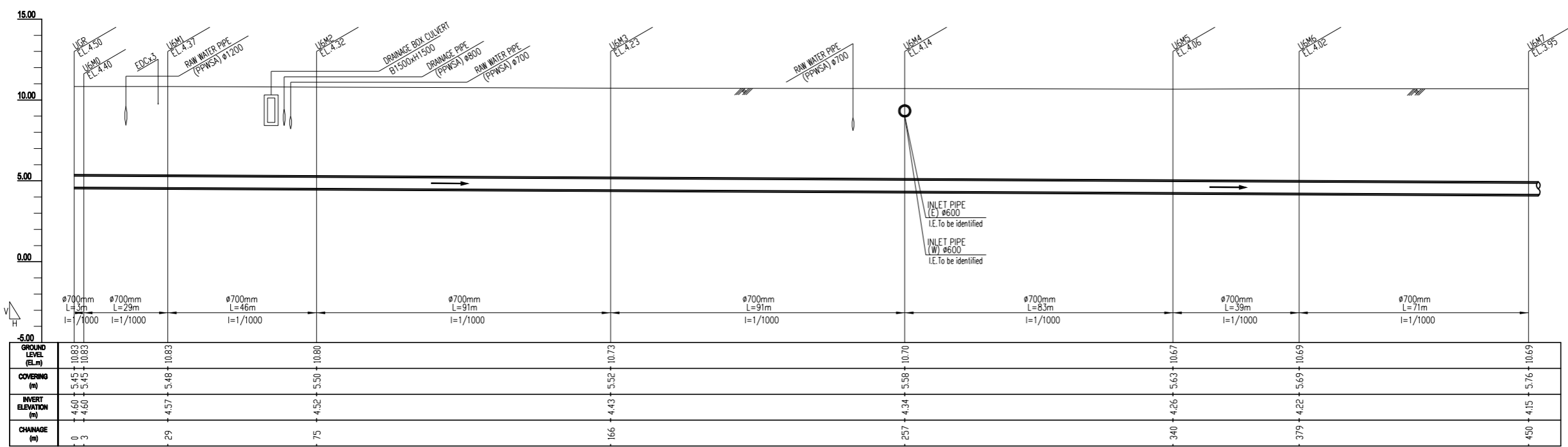




**PLAN** (Manhole No. fr. UGR to U6M7)

SCALE A

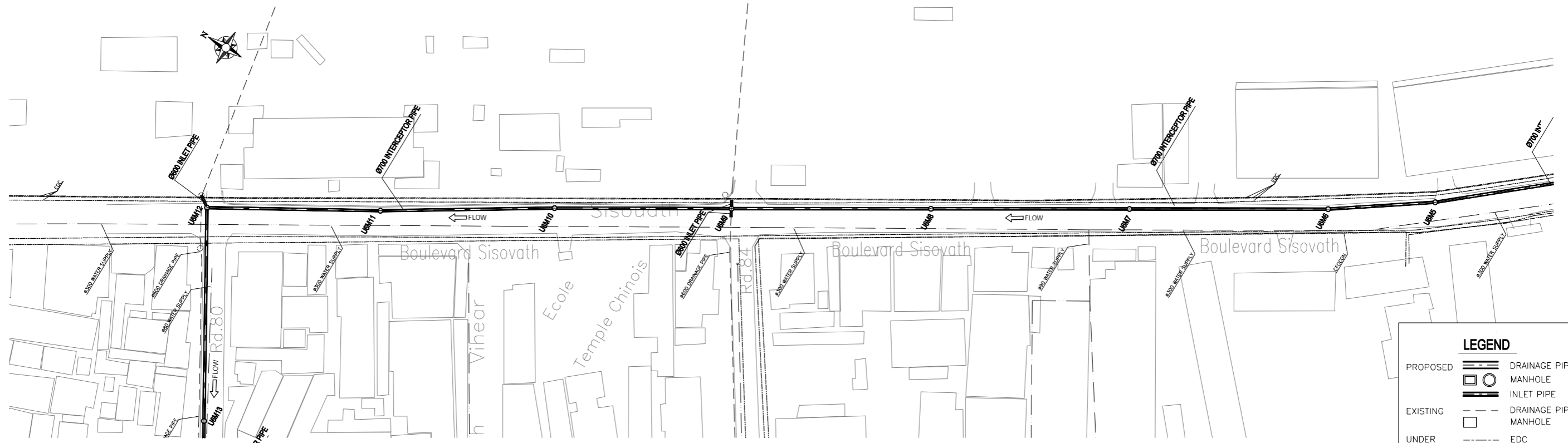
LEGEND	
PROPOSED	— DRAINAGE PIPE
	□ MANHOLE
	— INLET PIPE
EXISTING	- - - DRAINAGE PIPE
	□ MANHOLE
UNDER GROUND FACILITIES	- - - EDC
	- - - NATIONAL RADIO
	- - - PPFOTV
	- - - CFOCN
	- - - TEL(CAMINTEL)
	- - - TEL(TELECAM)
	- - - WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨
BENCH MARK	⊕



**PROFILE** (Manhole No. fr. UGR TO U6M7)

H: SCALE A V: SCALE B

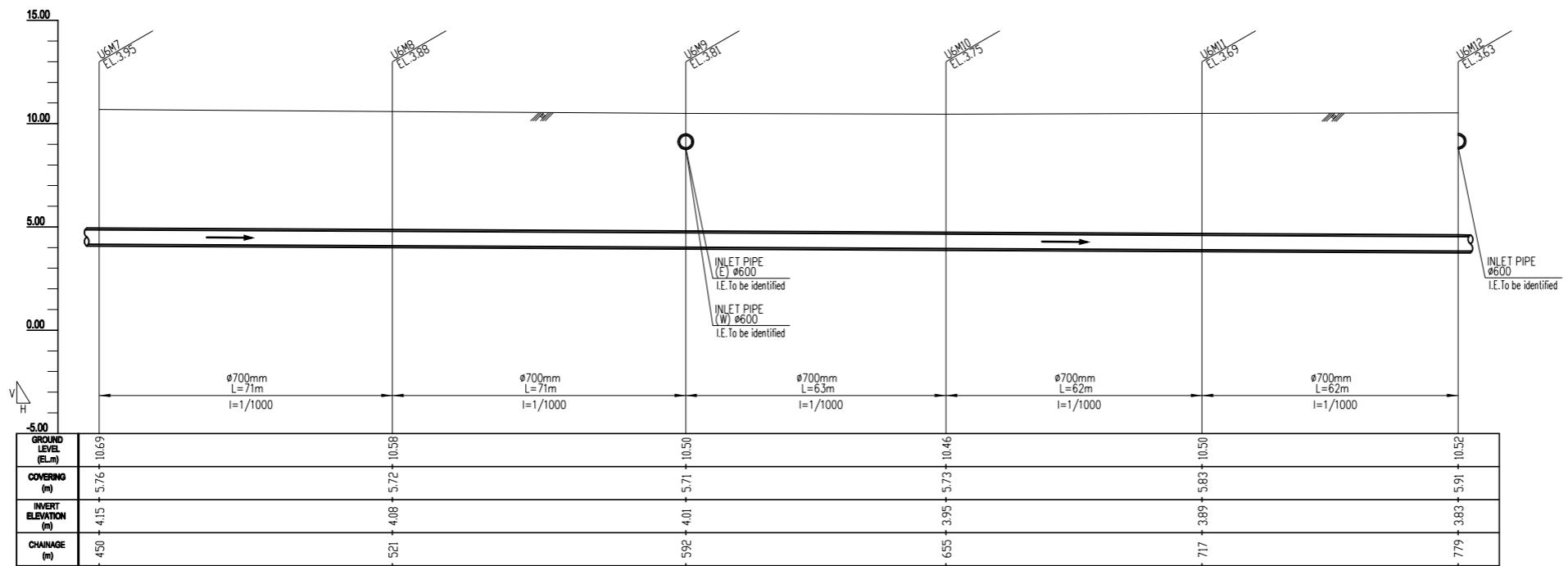




**PLAN** (Manhole No. fr. U6M7 to U6M12)

SCALE A

LEGEND	
PROPOSED	DRAINAGE PIPE
EXISTING	MANHOLE
	INLET PIPE
	DRAINAGE PIPE
	MANHOLE
UNDER GROUND FACILITIES	EDC
	NATIONAL RADIO
	PPFOTV
	CFOCN
	TEL(CAMINTEL)
	TEL(TELECAM)
	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



**PROFILE** (Manhole No. fr. U6M7 TO U6M12)

H: SCALE A V: SCALE B

SCALE A 0 10 20 30 40 50 m.

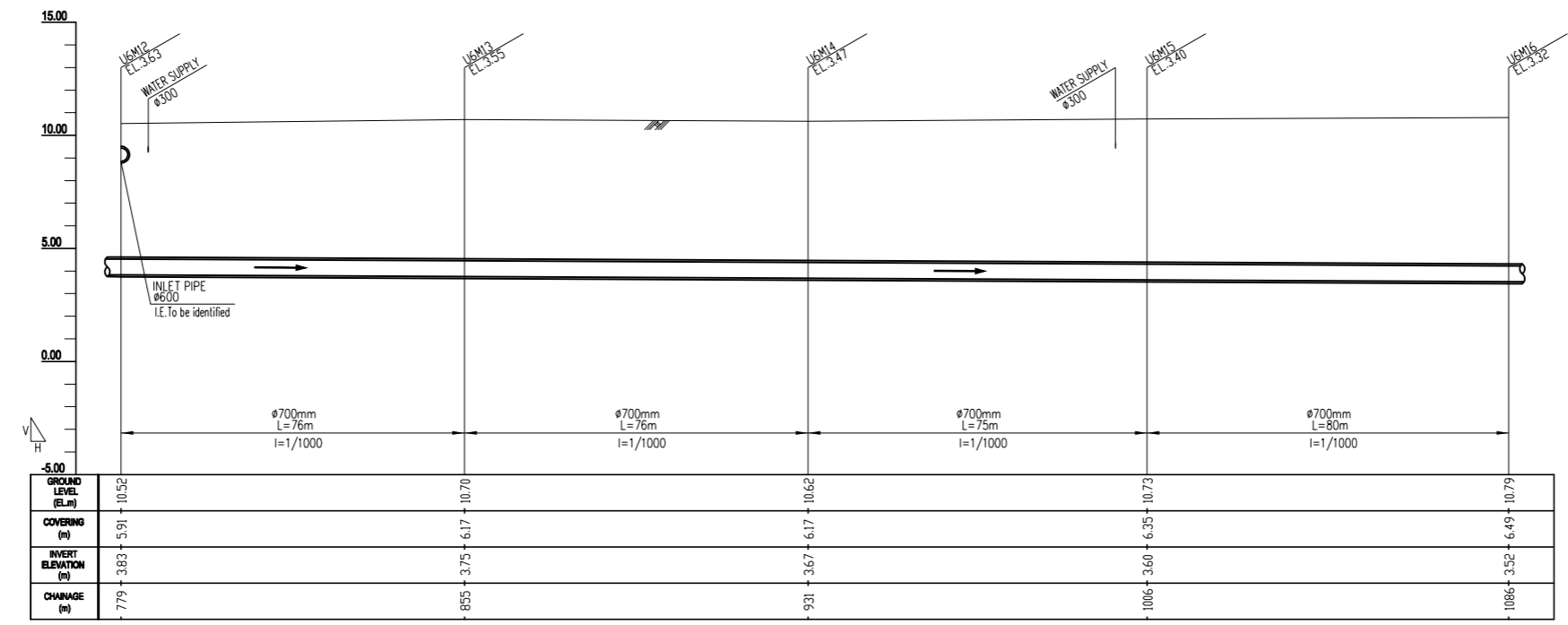
SCALE B 0 2 4 6 8 10 m.



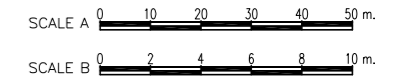


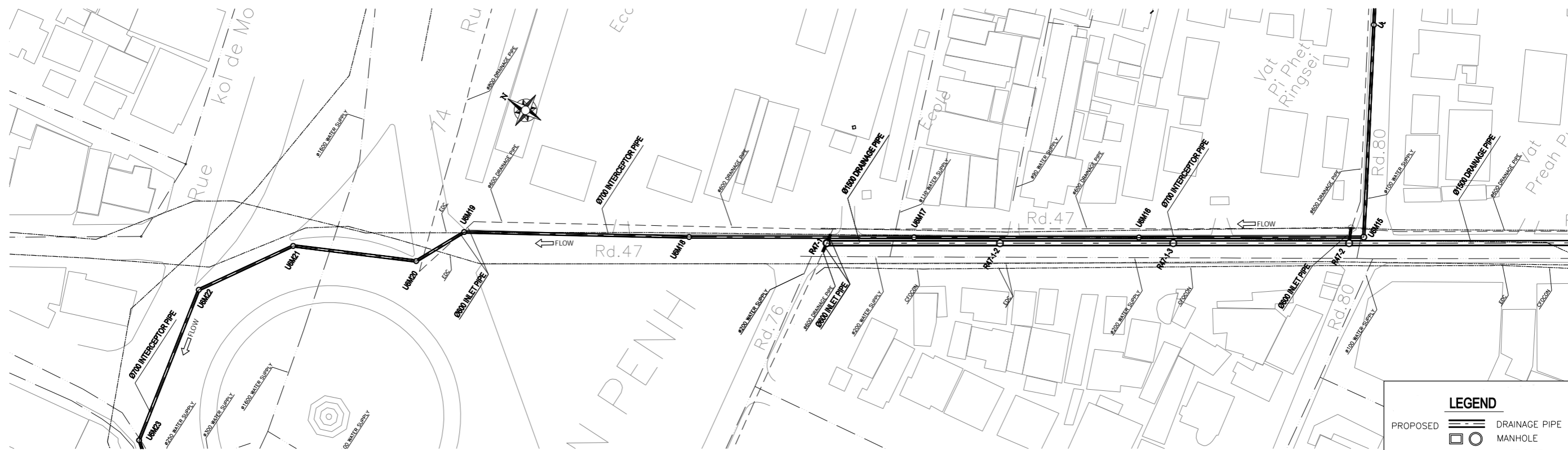
LEGEND	
PROPOSED	— DRAINAGE PIPE
	○ MANHOLE
	— INLET PIPE
EXISTING	- - - DRAINAGE PIPE
	□ MANHOLE
UNDER GROUND FACILITIES	- - - EDC
	- - - NATIONAL RADIO
	- - - PPFOTV
	- - - CFOCN
	- - - TEL(CAMINTEL)
	- - - TEL(TELECAM)
	- - - WATER SUPPLY
AREA OF CONCRETE PAVEMENT	▨
BENCH MARK	⊕

**PLAN** (Manhole No. fr. U6M12 to U6M16)  
SCALE A



**PROFILE** (Manhole No. fr. U6M12 TO U6M16)  
H: SCALE A V: SCALE B

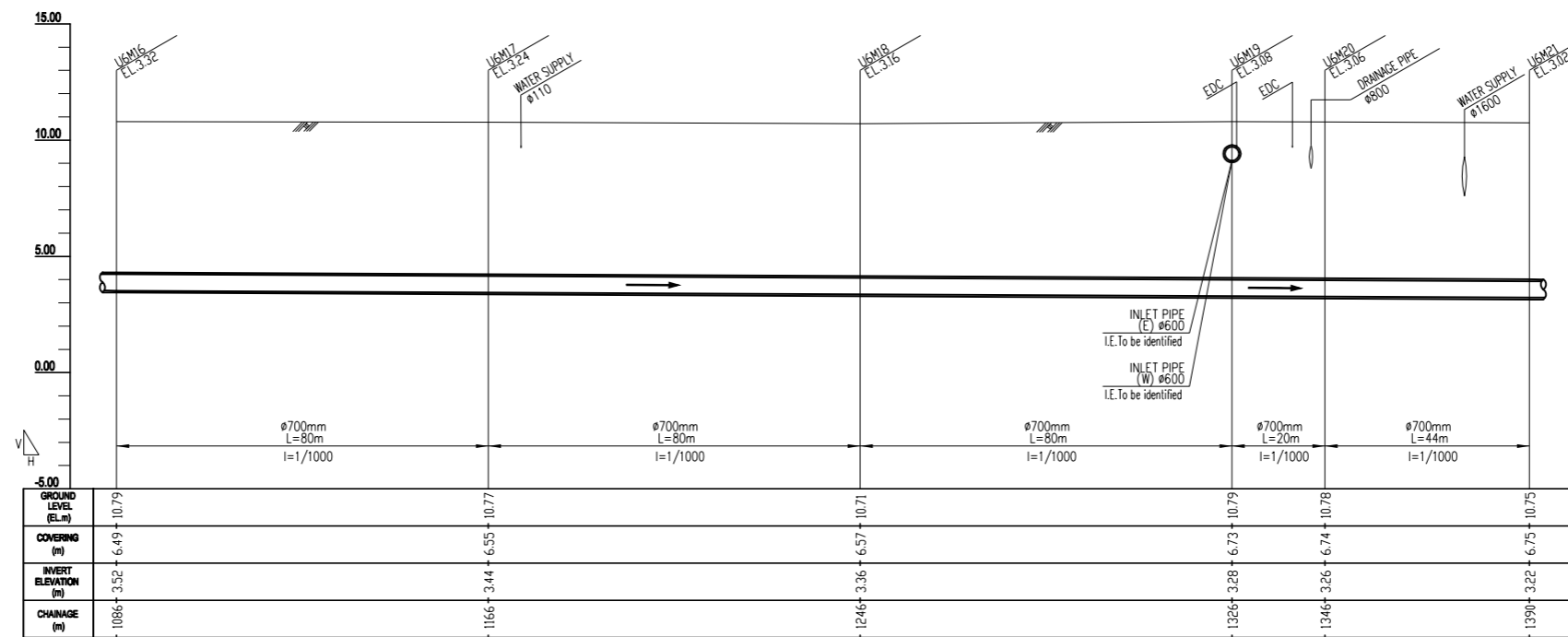




**PLAN** (Manhole No. fr. U6M16 to U6M21)

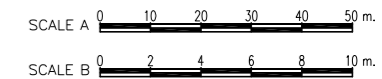
SCALE A

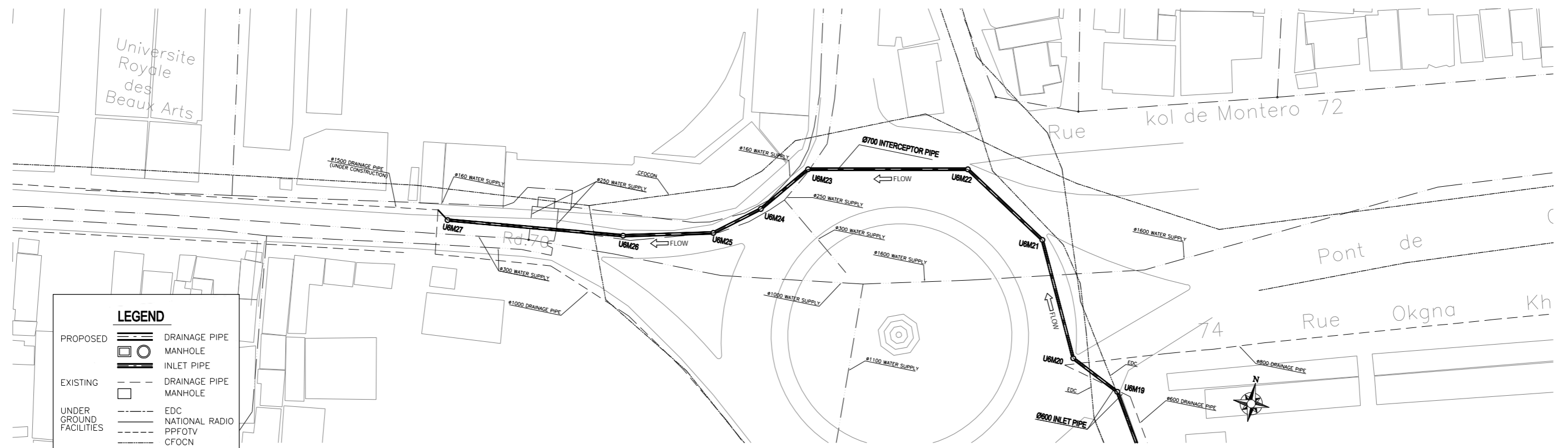
LEGEND	
PROPOSED	DRAINAGE PIPE MANHOLE INLET PIPE
EXISTING	DRAINAGE PIPE MANHOLE
UNDER GROUND FACILITIES	EDC NATIONAL RADIO PPFTV CFOCN TEL (CAMINTEL) TEL (TELECAM) WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	



**PROFILE** (Manhole No. fr. U6M16 TO U6M21)

H: SCALE A V: SCALE B

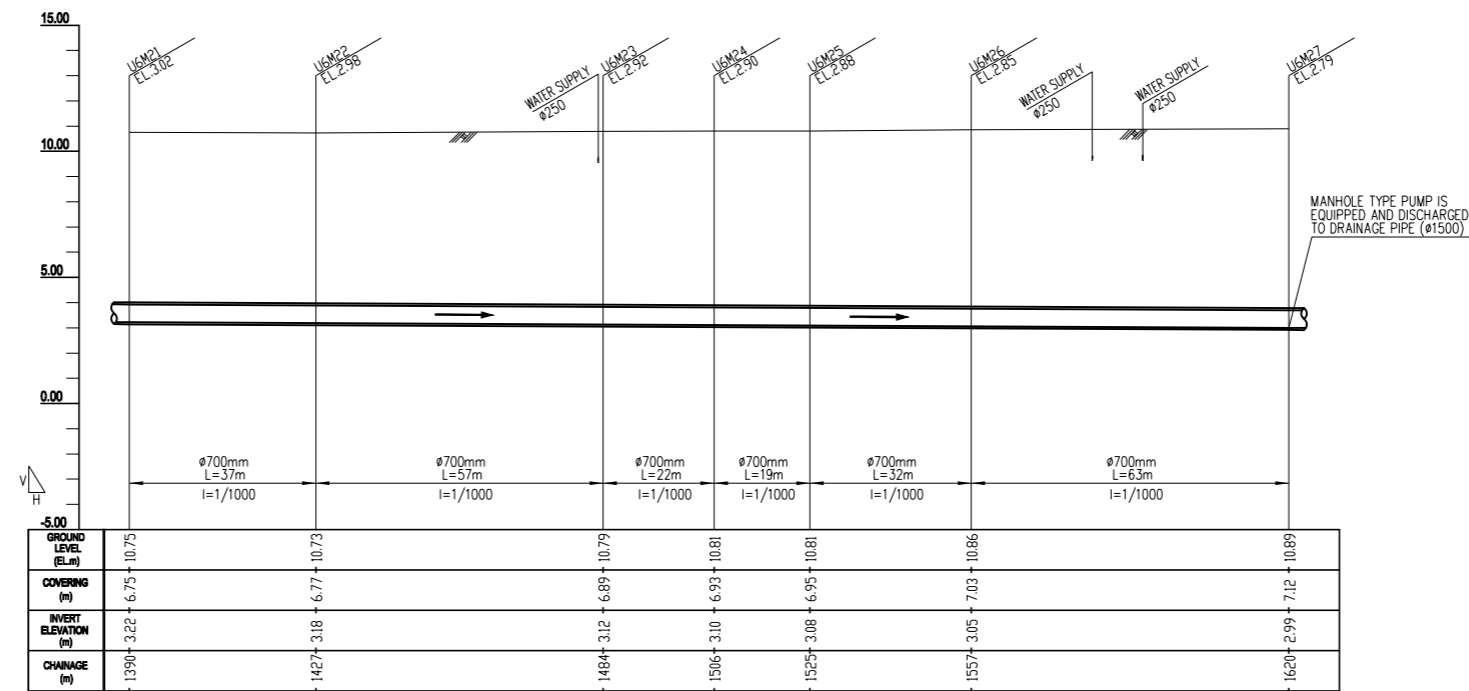




**PLAN** (Manhole No. fr. U6M21 to U6M27)

SCALE A

LEGEND	
PROPOSED	DRAINAGE PIPE
PROPOSED	MANHOLE
PROPOSED	INLET PIPE
EXISTING	DRAINAGE PIPE
EXISTING	MANHOLE
UNDER GROUND FACILITIES	EDC
UNDER GROUND FACILITIES	NATIONAL RADIO
UNDER GROUND FACILITIES	PPFOTV
UNDER GROUND FACILITIES	CFOCN
UNDER GROUND FACILITIES	TEL(CAMINTEL)
UNDER GROUND FACILITIES	TEL(TELECAM)
UNDER GROUND FACILITIES	WATER SUPPLY
AREA OF CONCRETE PAVEMENT	
BENCH MARK	

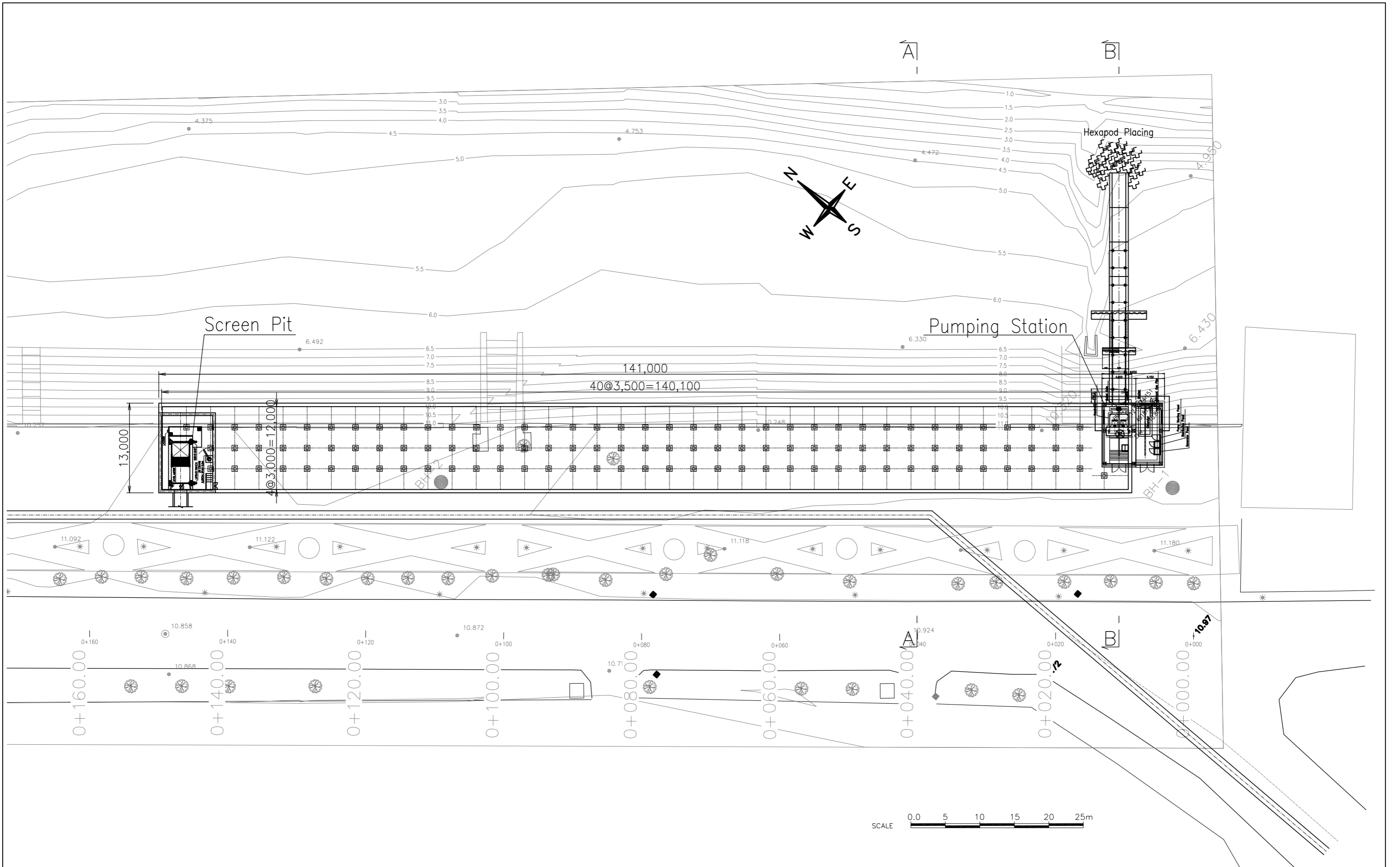


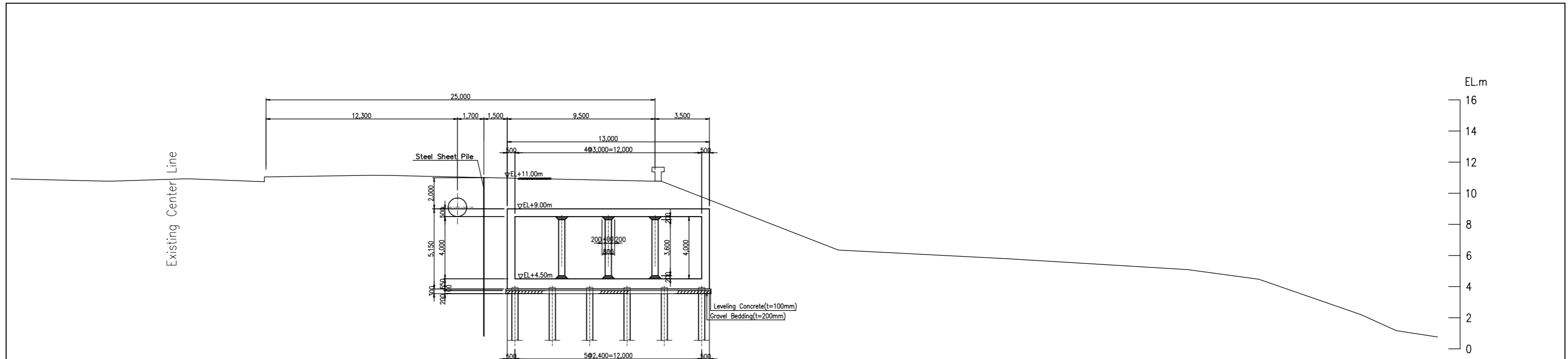
**PROFILE** (Manhole No. fr. U6M21 to U6M27)

H: SCALE A V: SCALE B

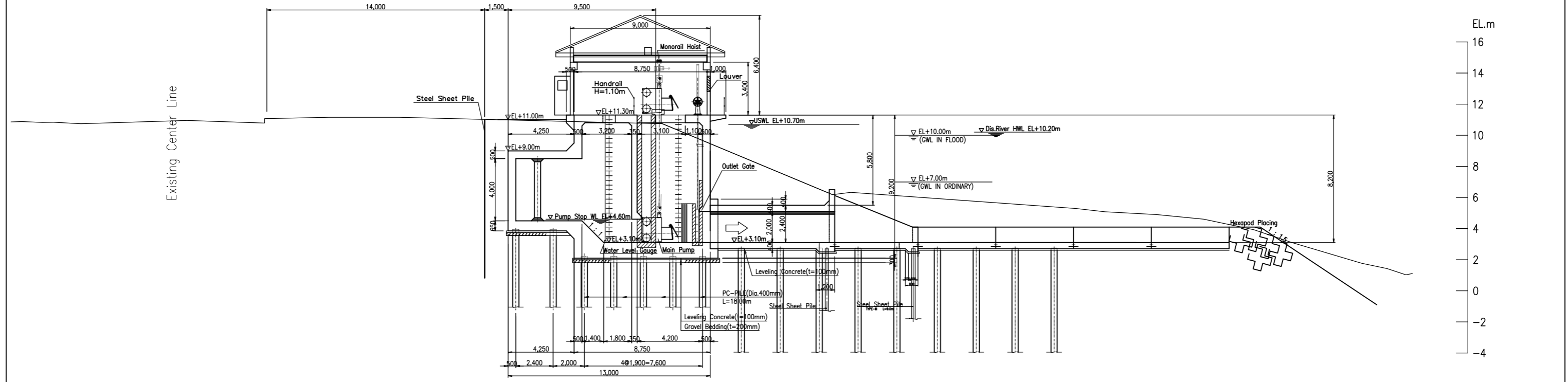
SCALE A 0 10 20 30 40 50 m.

SCALE B 0 2 4 6 8 10 m.

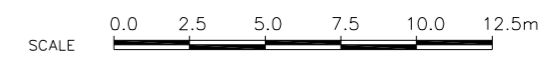


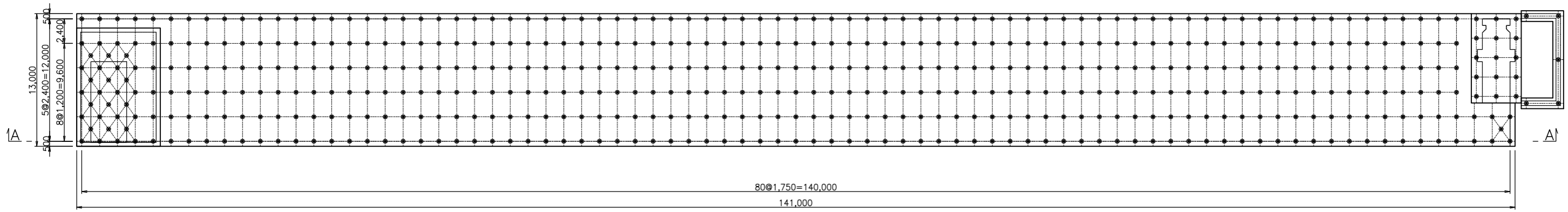


Section A-A

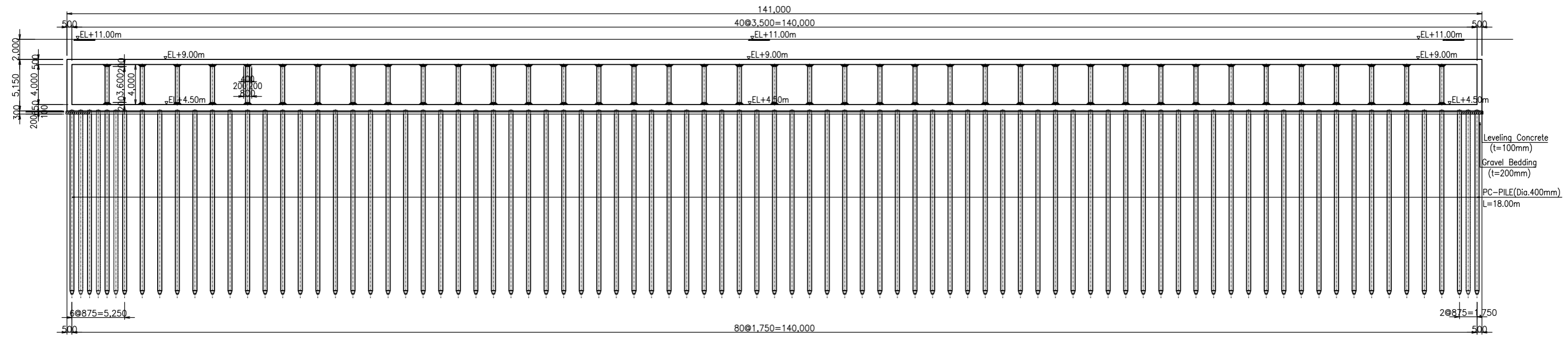


Section B-B

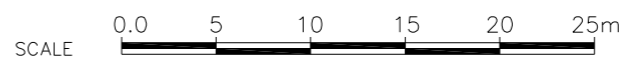


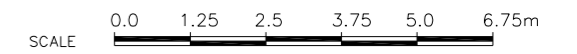
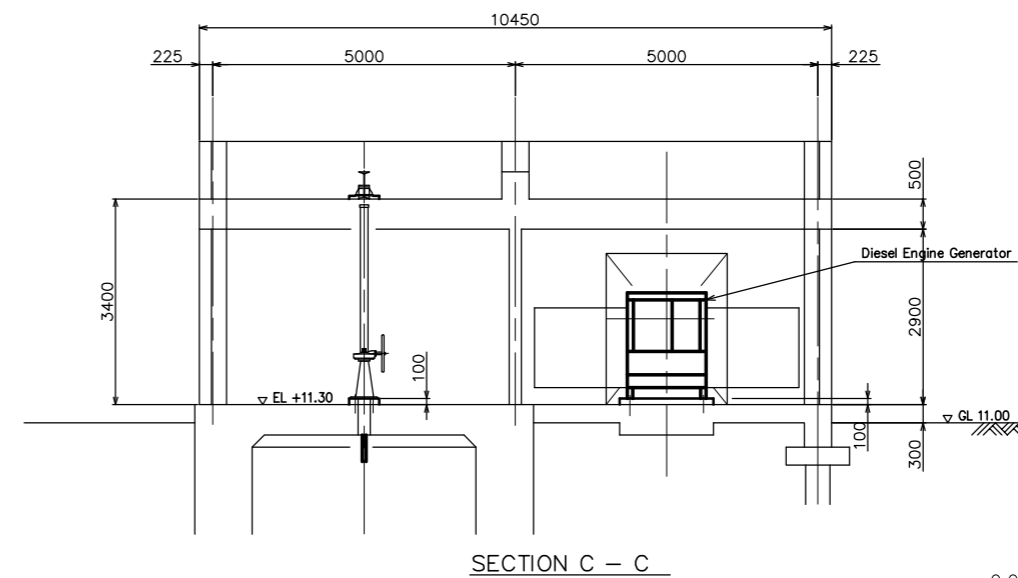
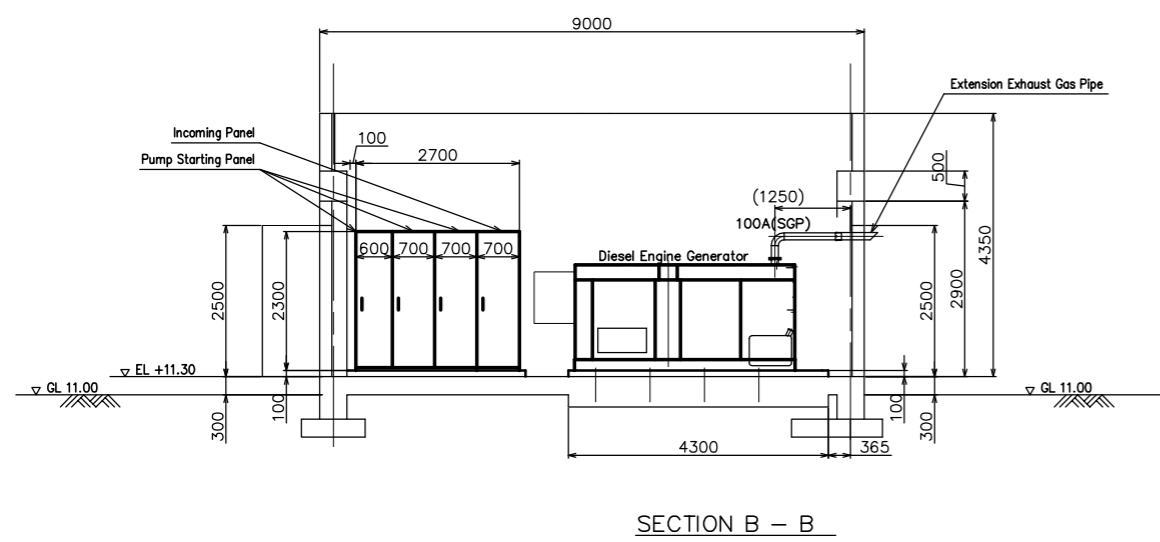
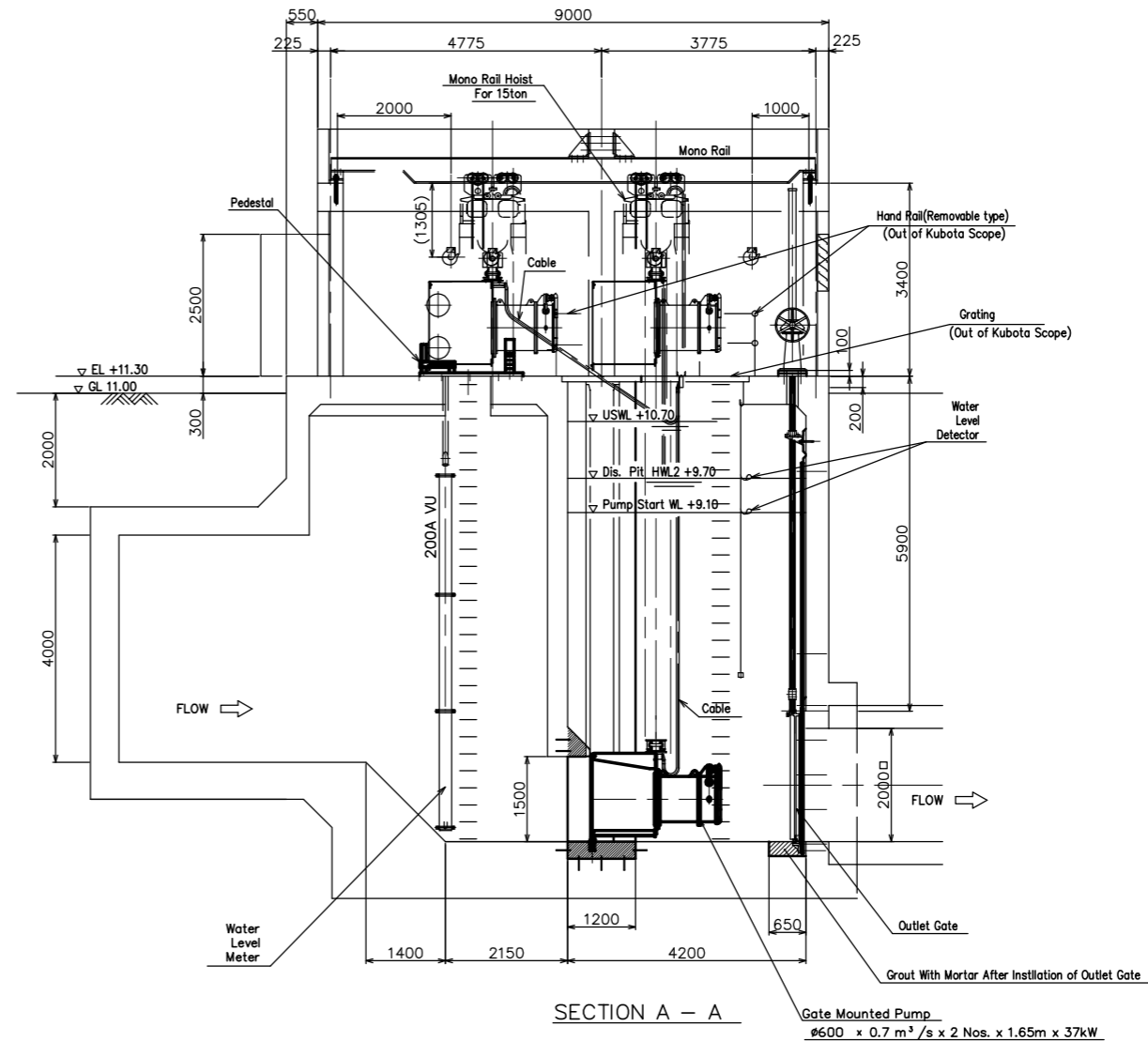
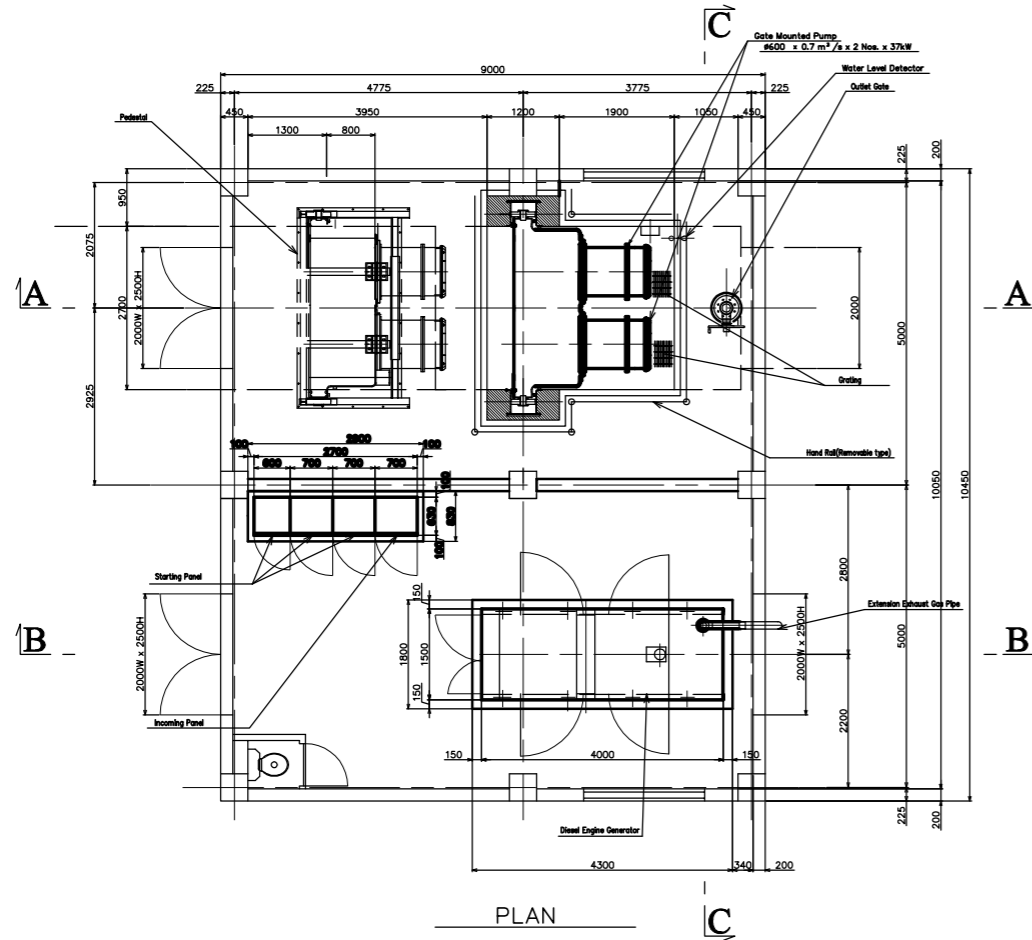


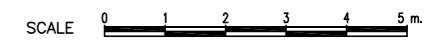
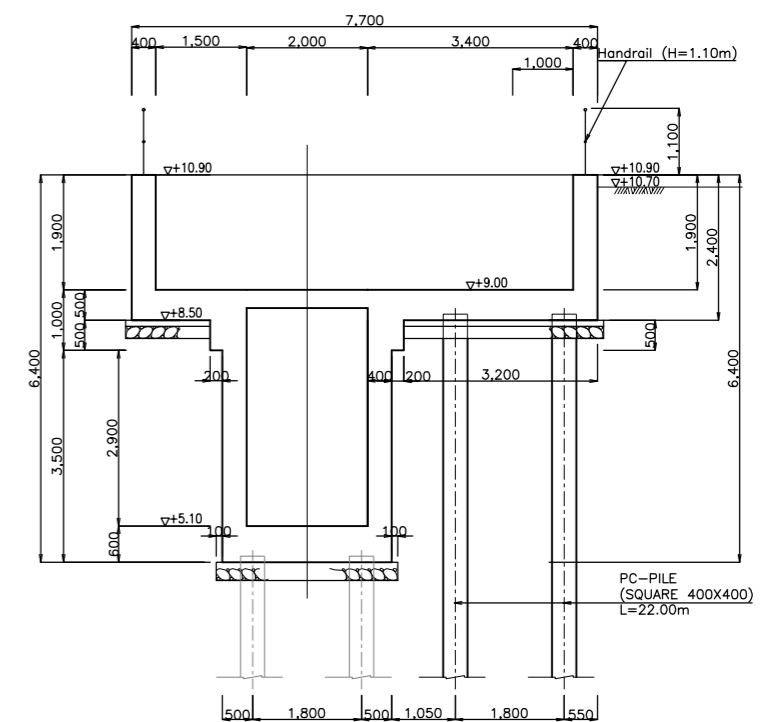
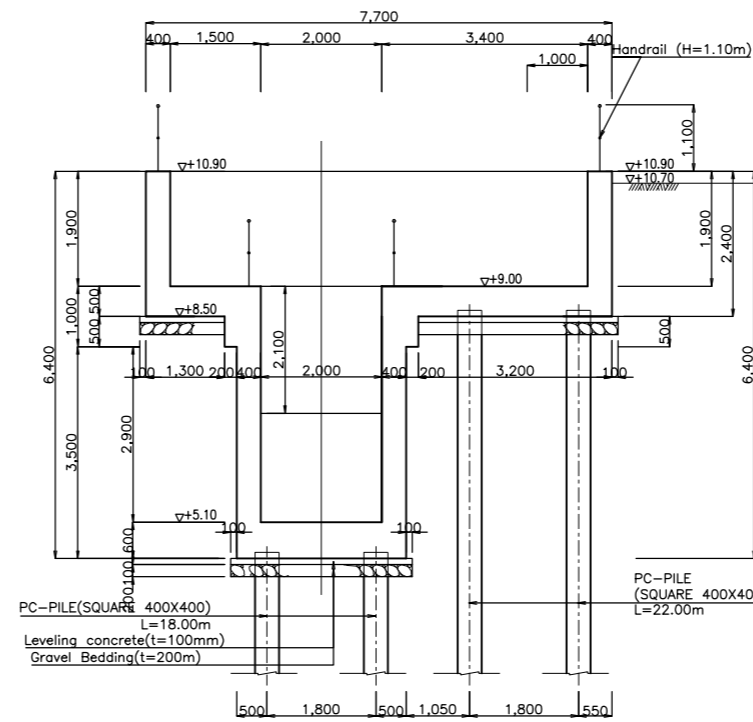
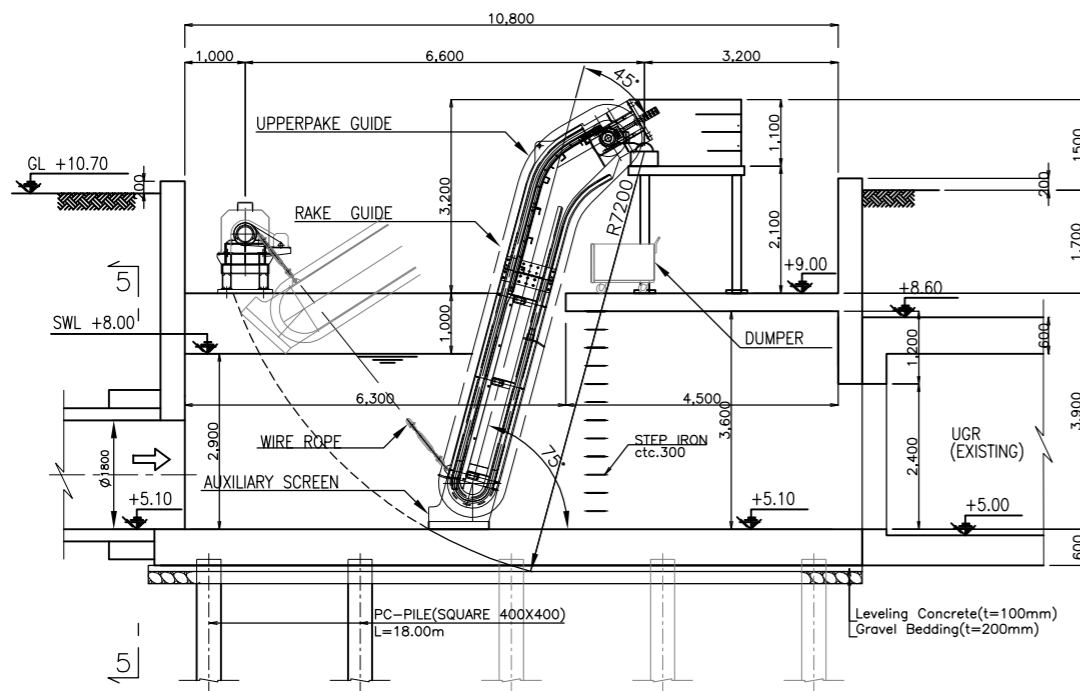
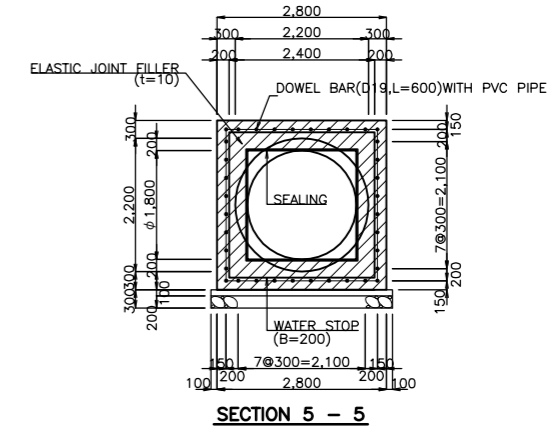
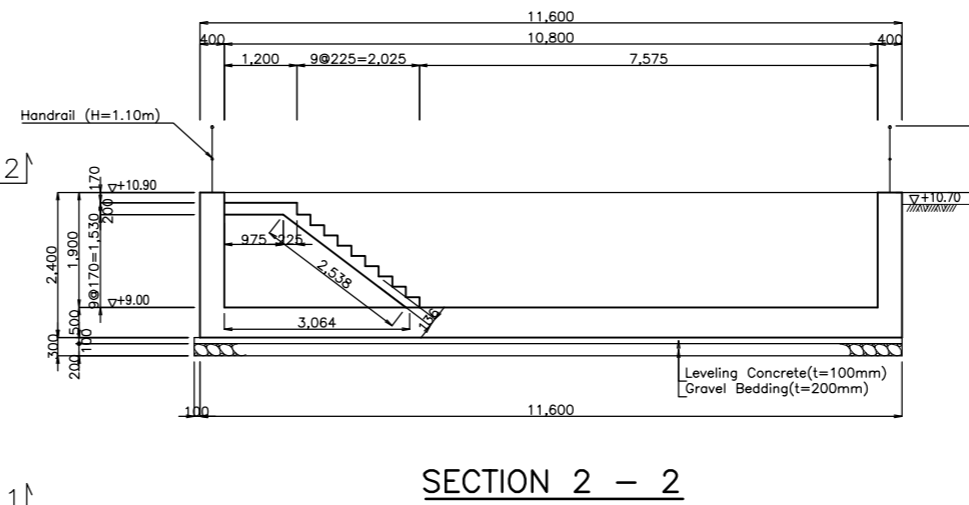
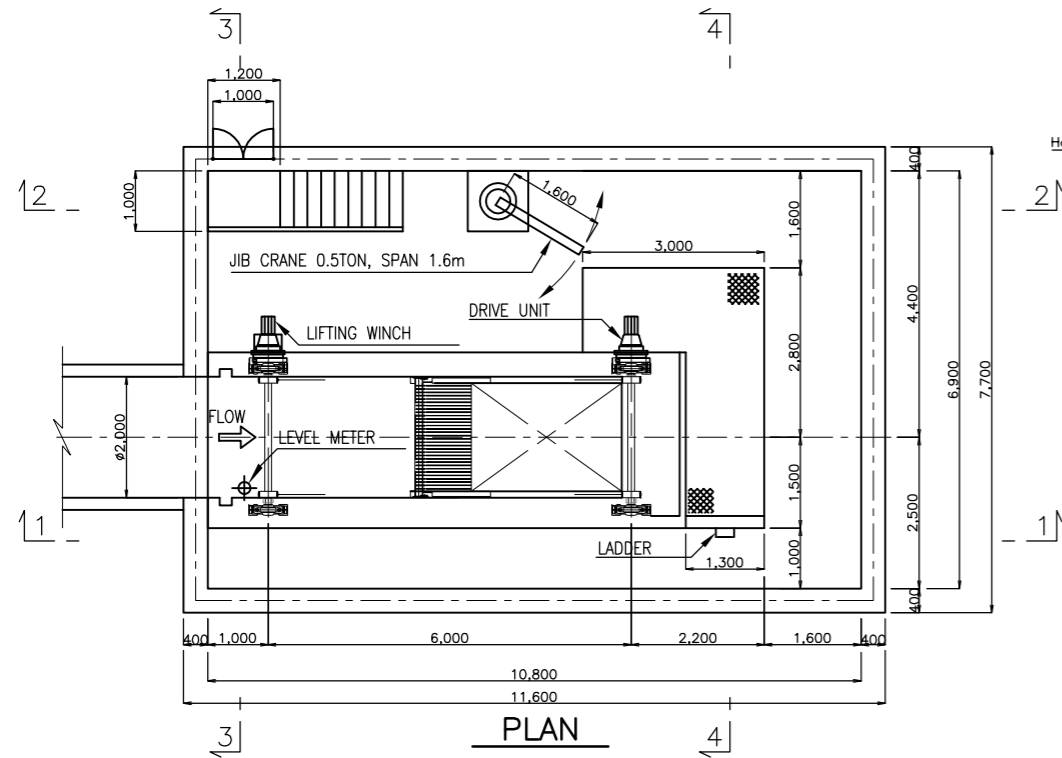
PLAN



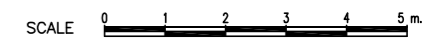
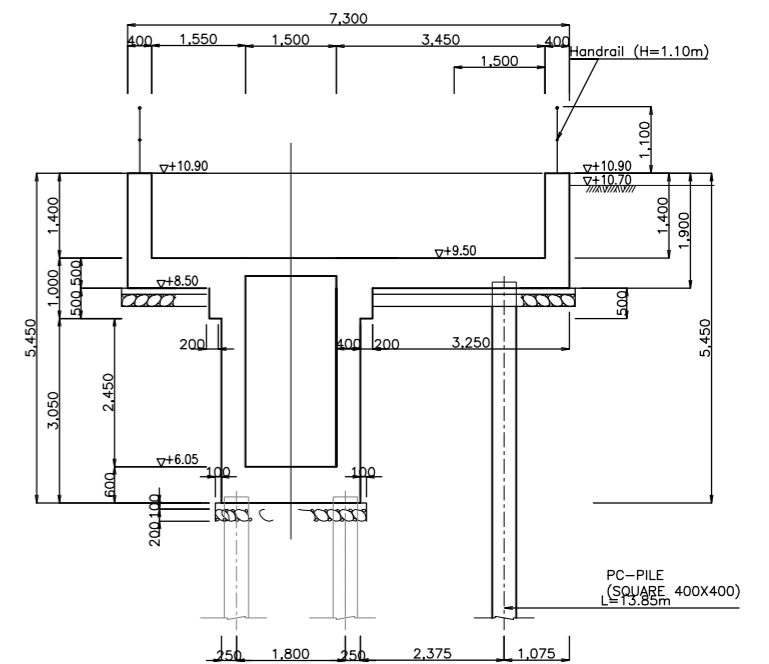
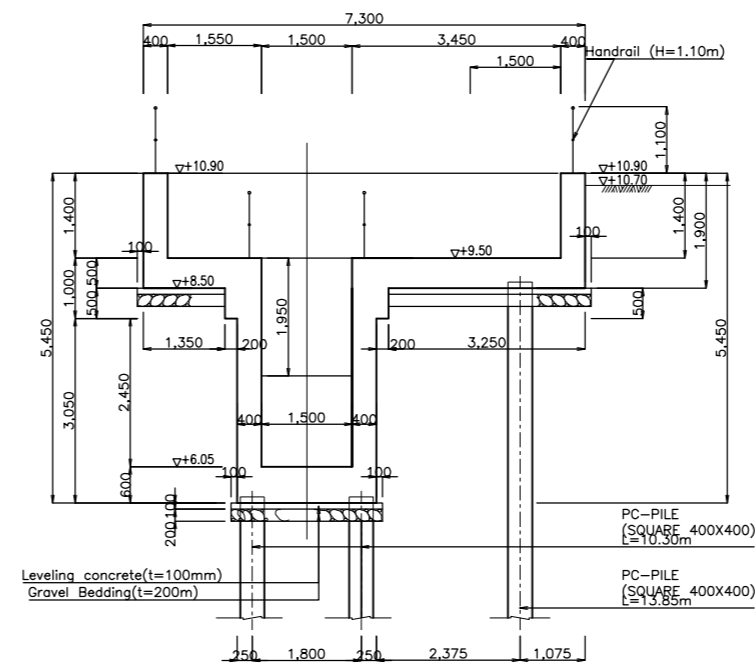
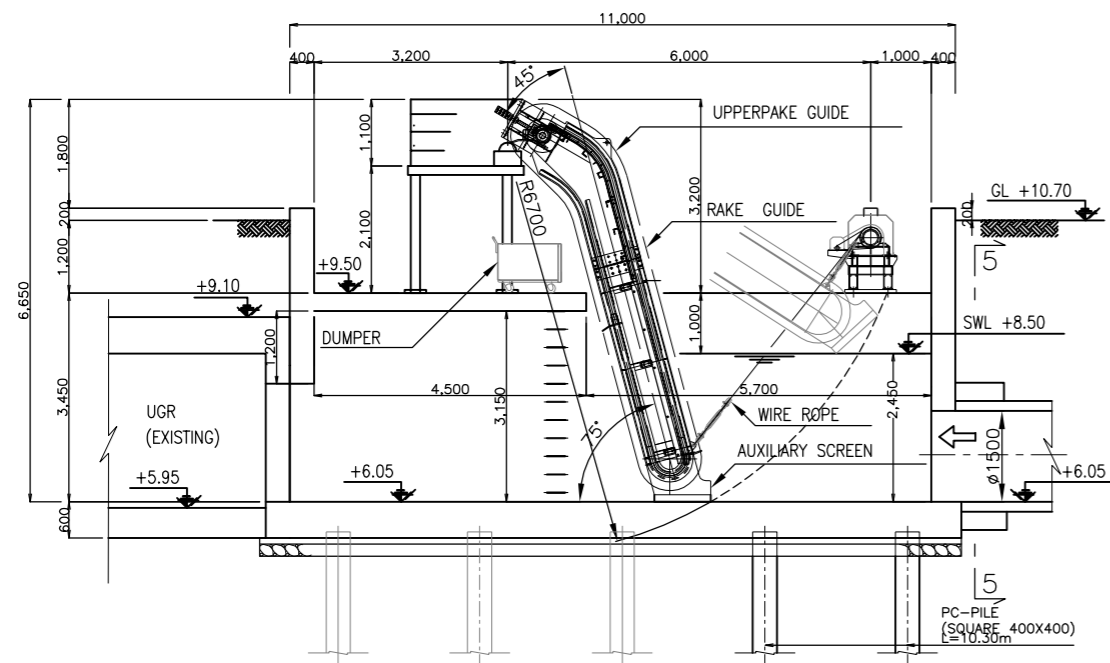
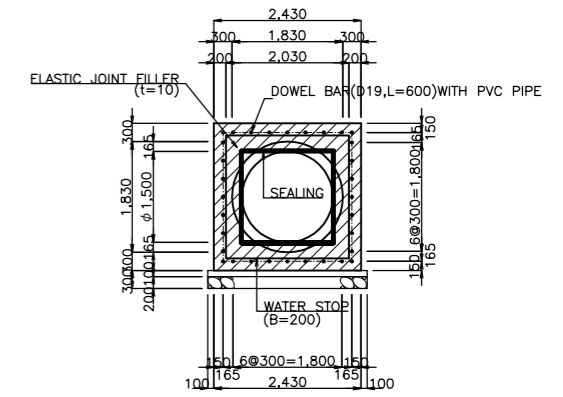
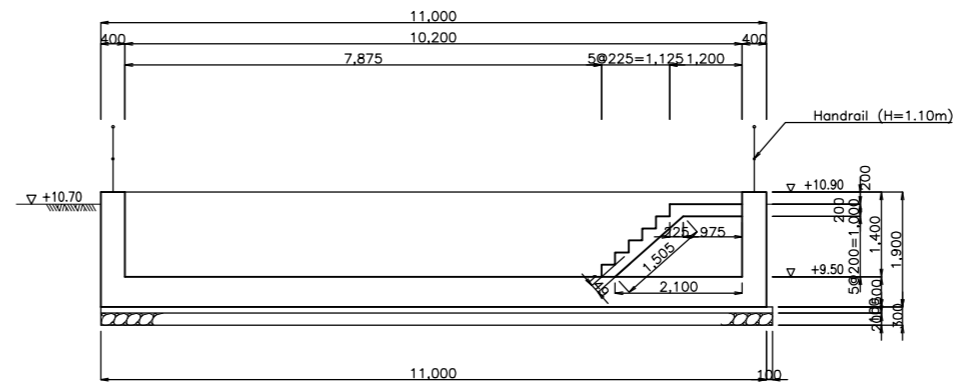
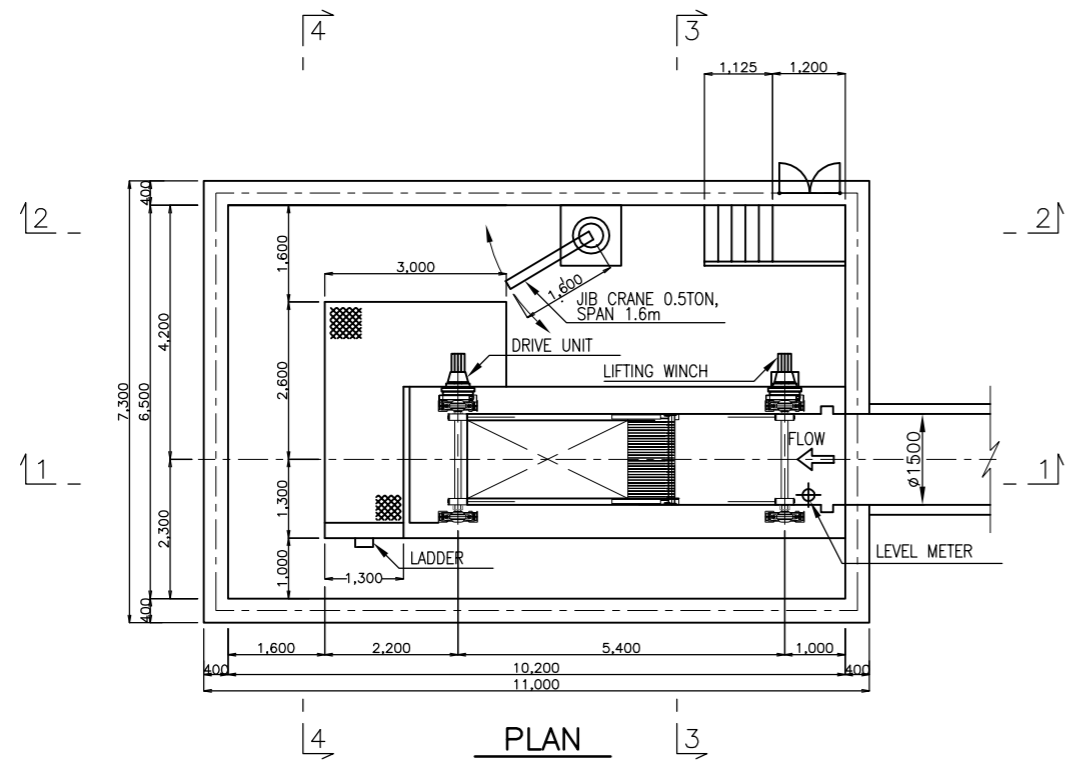
Section A-A

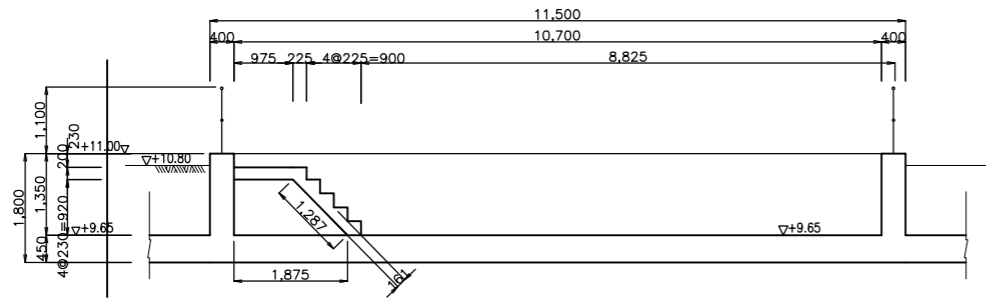




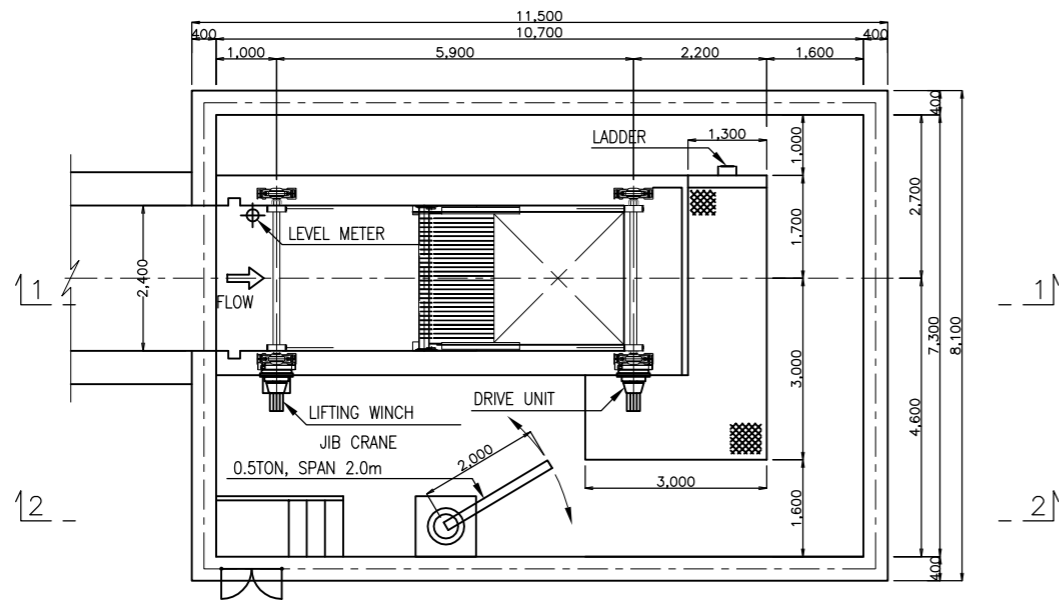




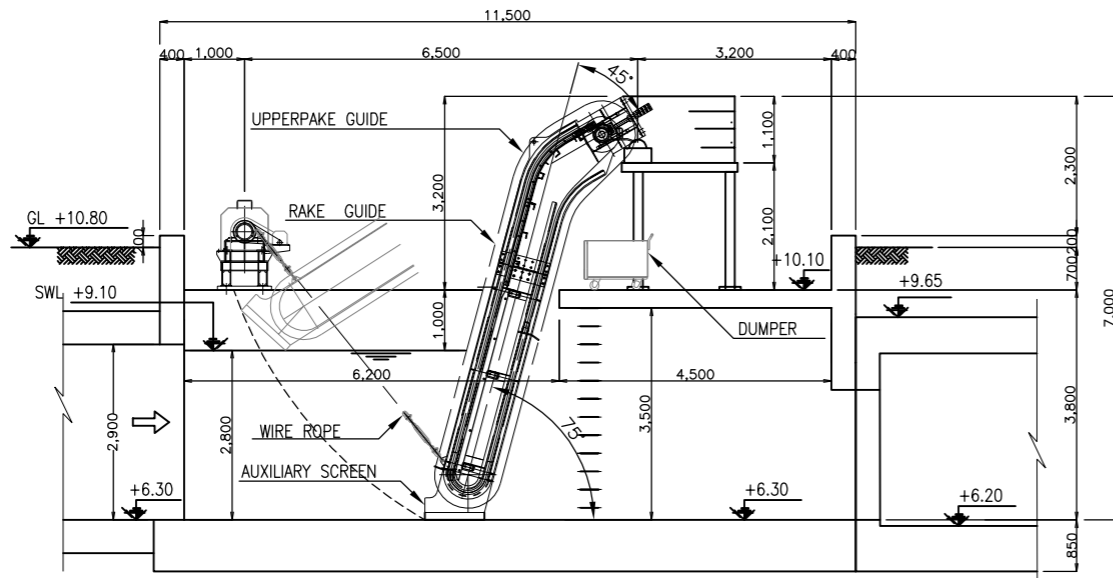




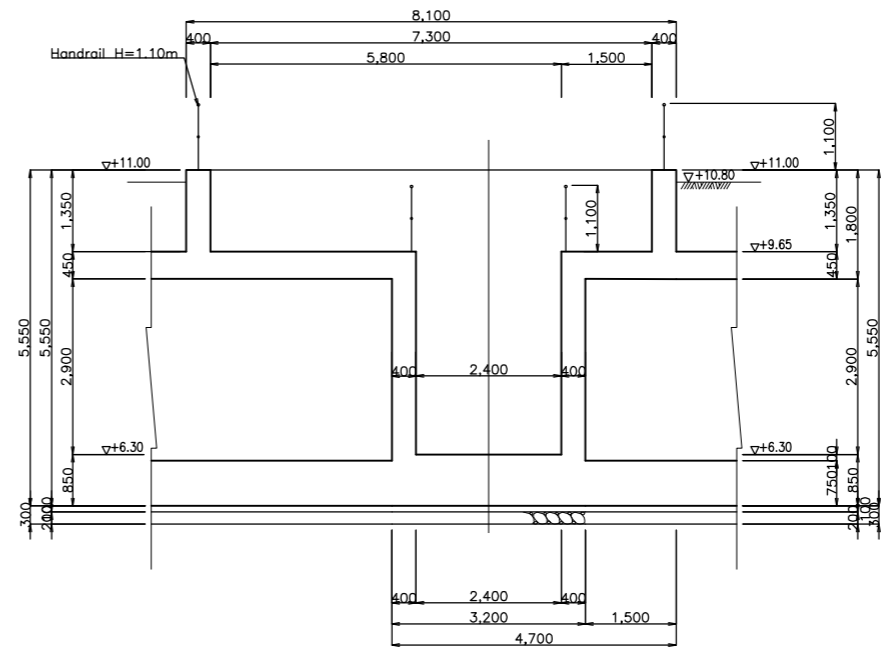
SECTION 2 - 2



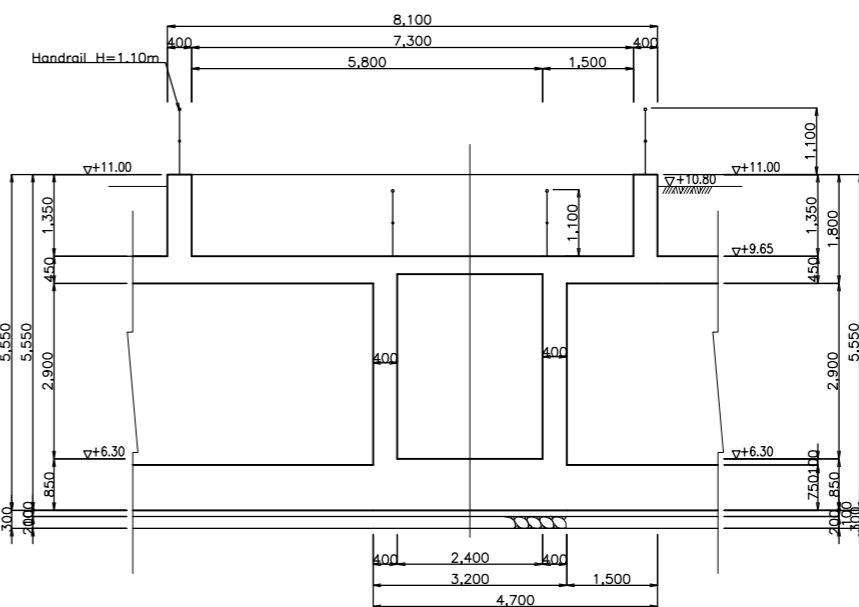
PLAN



SECTION 1 - 1

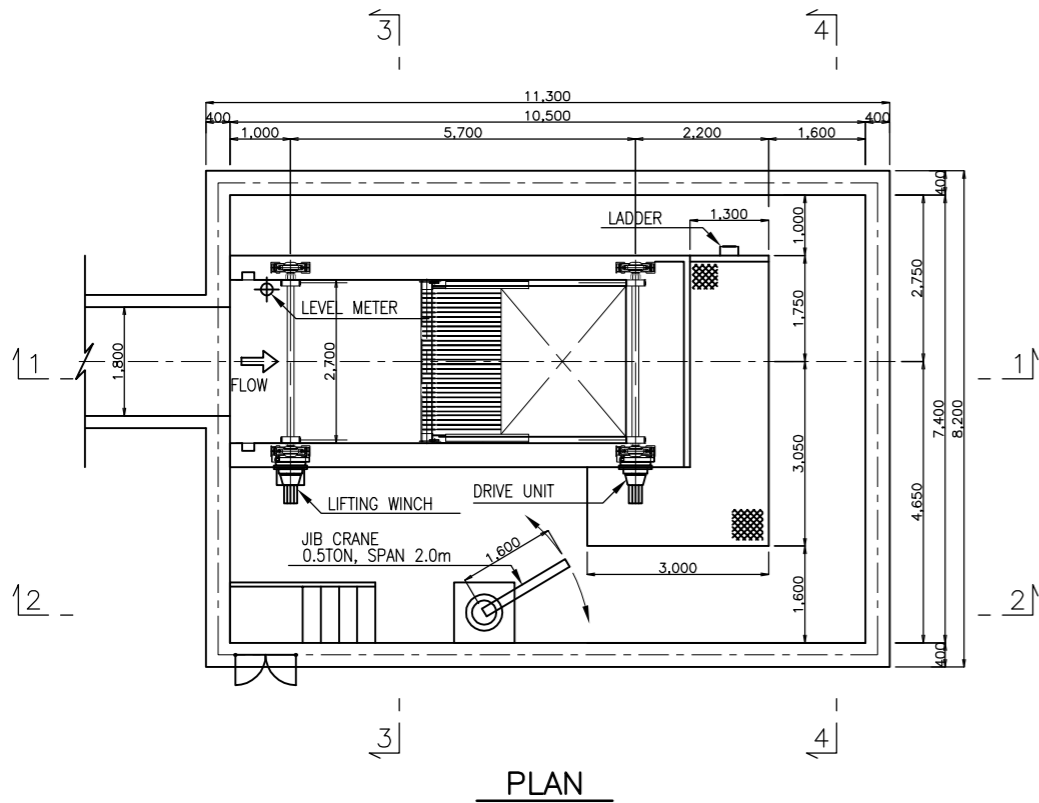


SECTION 3 - 3

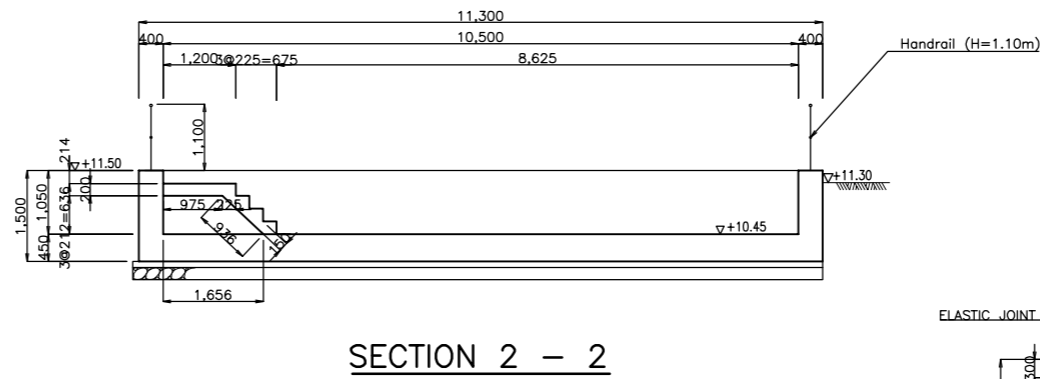


SECTION 4 - 4

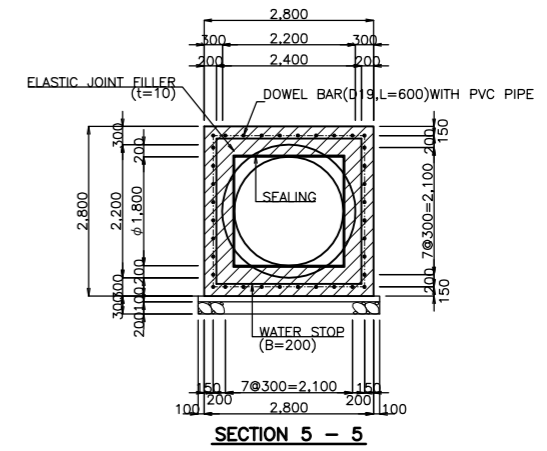




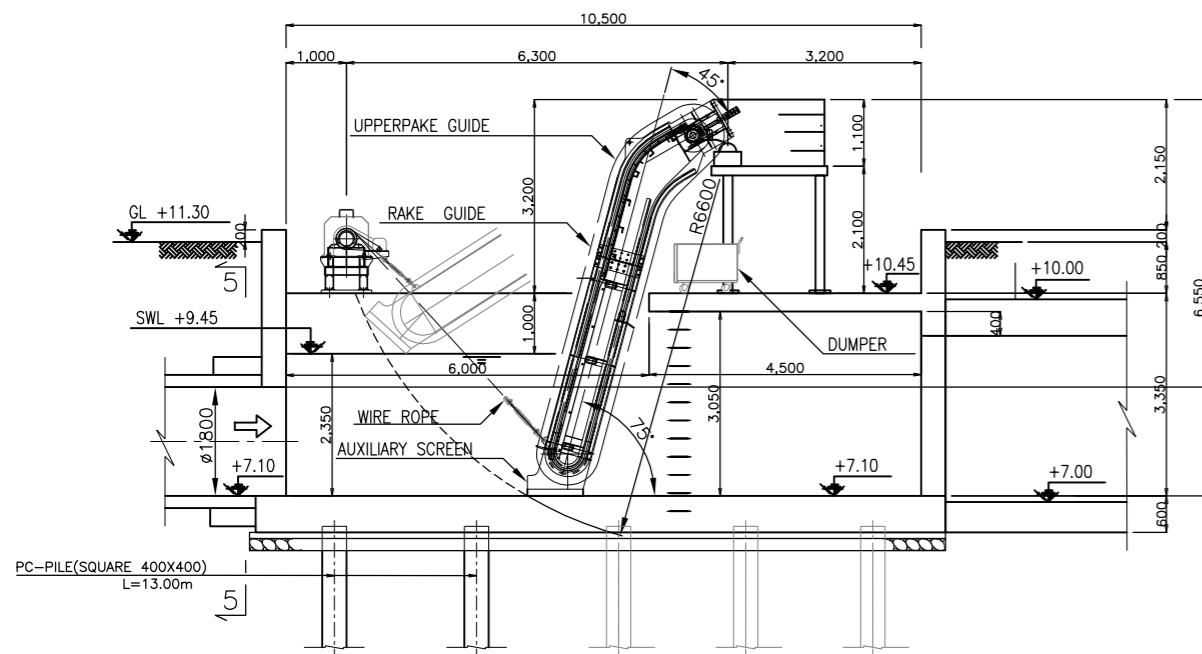
PLAN



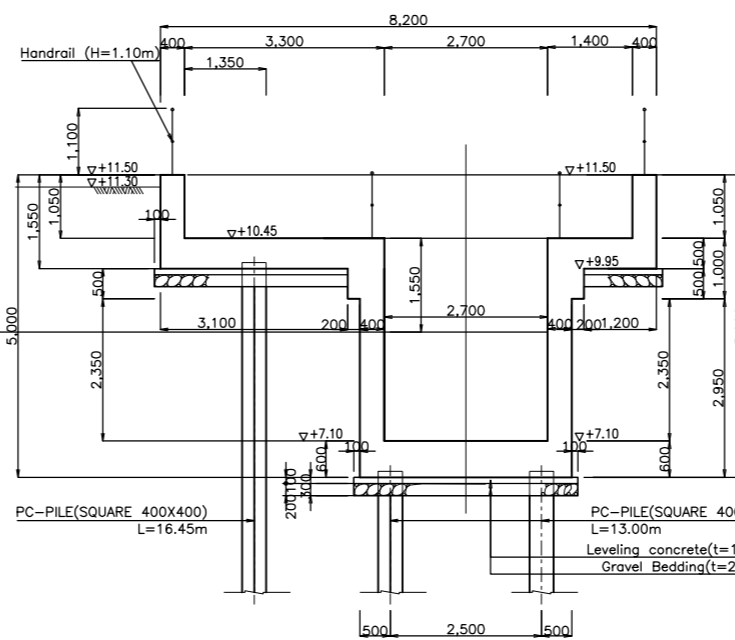
SECTION 2 - 2



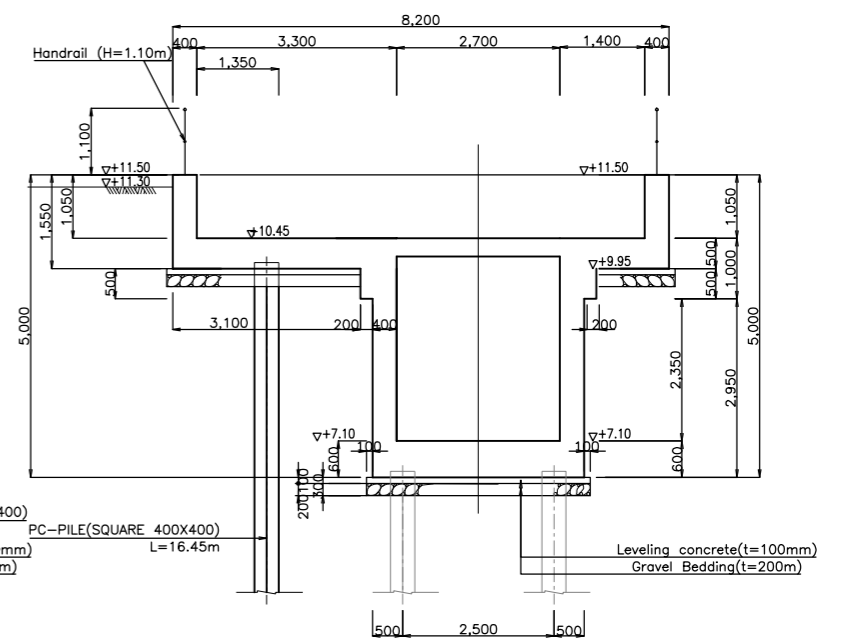
SECTION 5 - 5



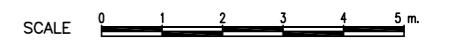
SECTION 1 - 1

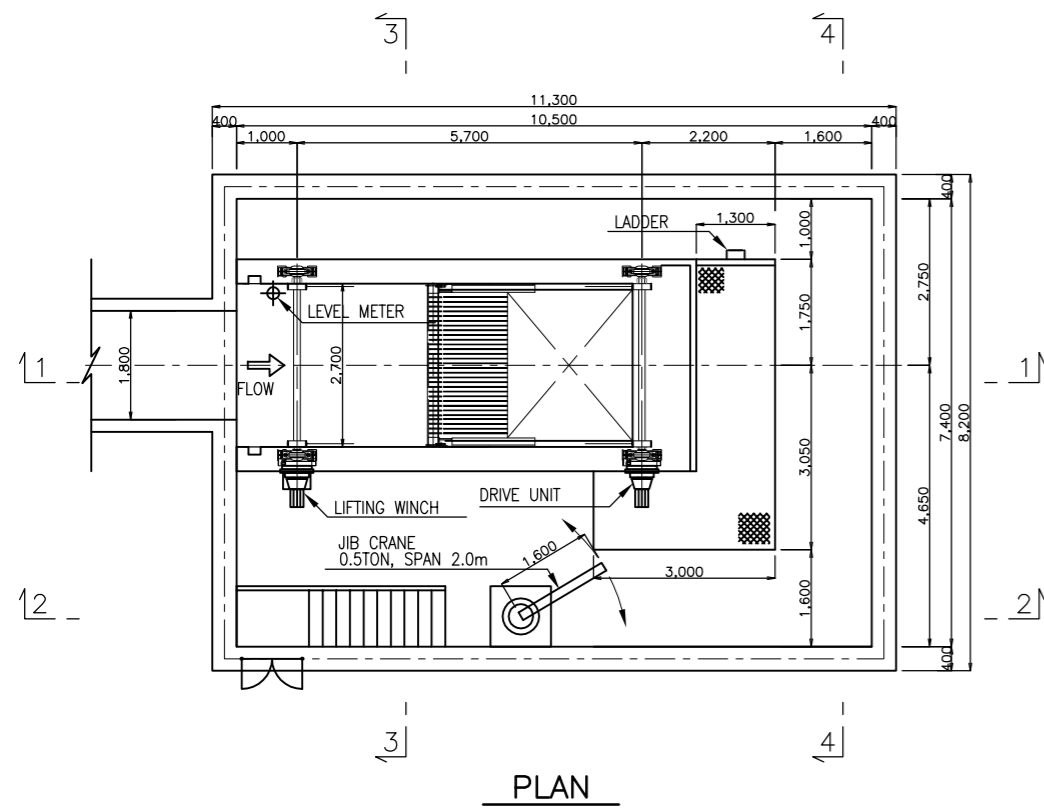


SECTION 3 - 3

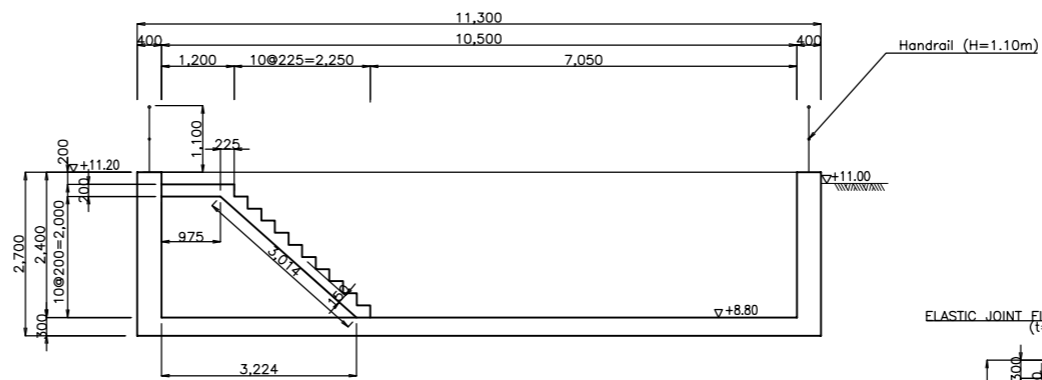


SECTION 4 - 4

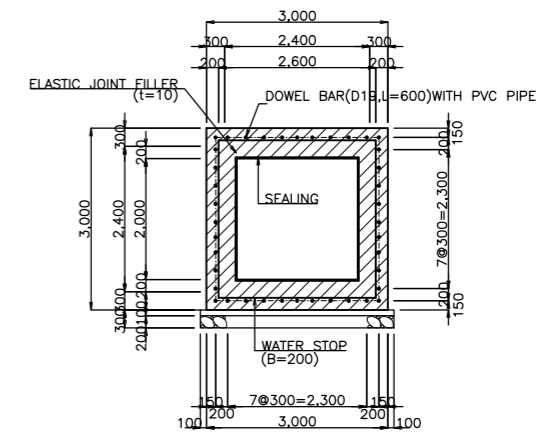




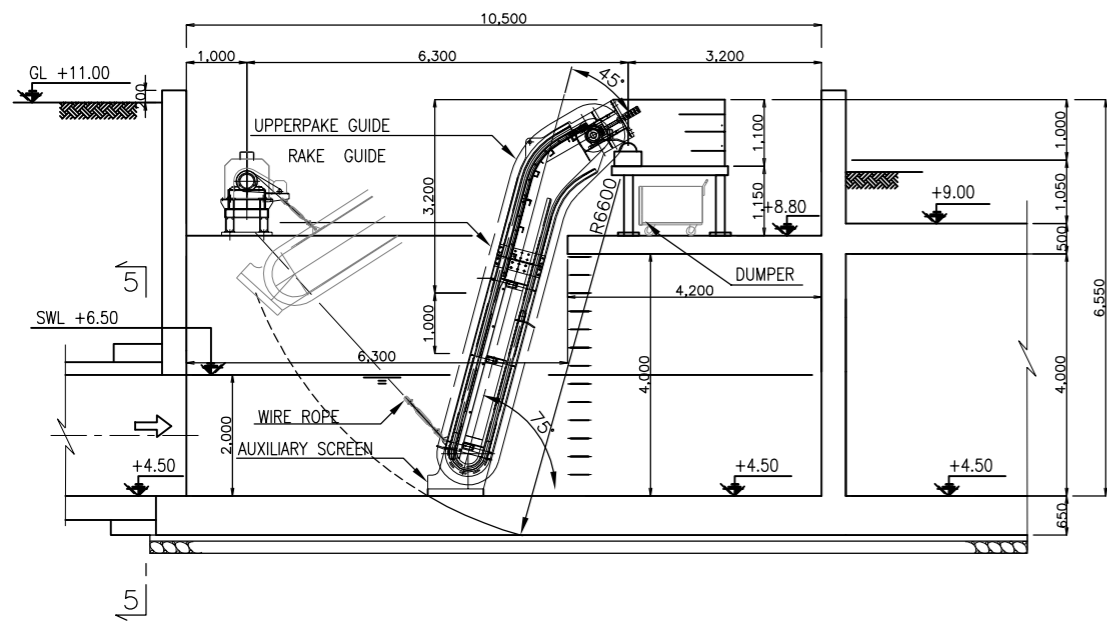
PLAN



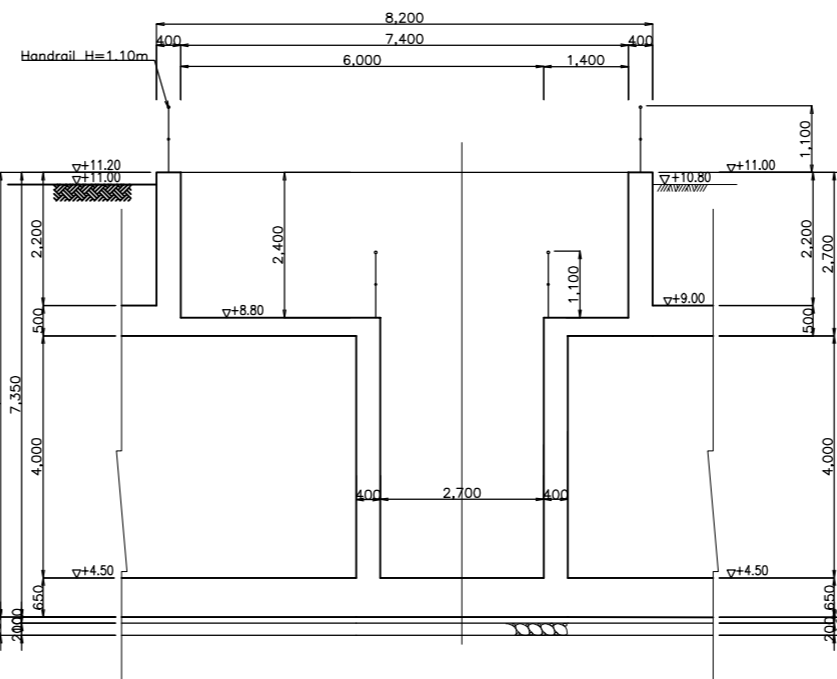
SECTION 2 - 2



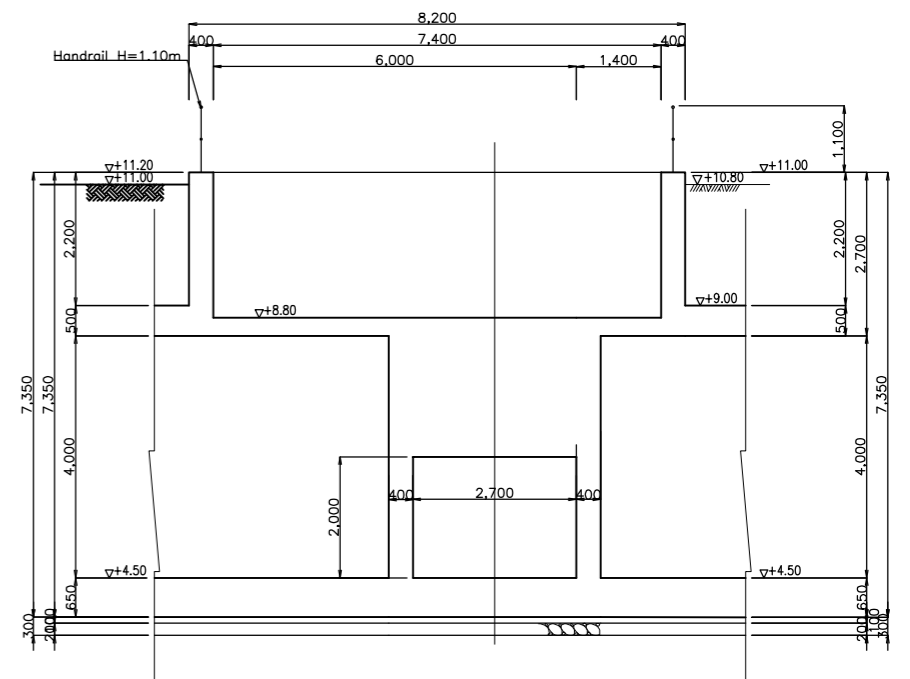
SECTION 5 - 5



SECTION 1 - 1



SECTION 3 - 3



SECTION 4 - 4

