

REPUBLIC OF TURKEY

THE GENERAL DIRECTORATE OF STATE HYDRAULC WORKS

FEASIBILITY STUDY

ON

ADATERE IRRIGATION PROJECT

FINAL REPORT

VOLUME 3 ATTACHED DRAWINGS

FEBRUARY 1990

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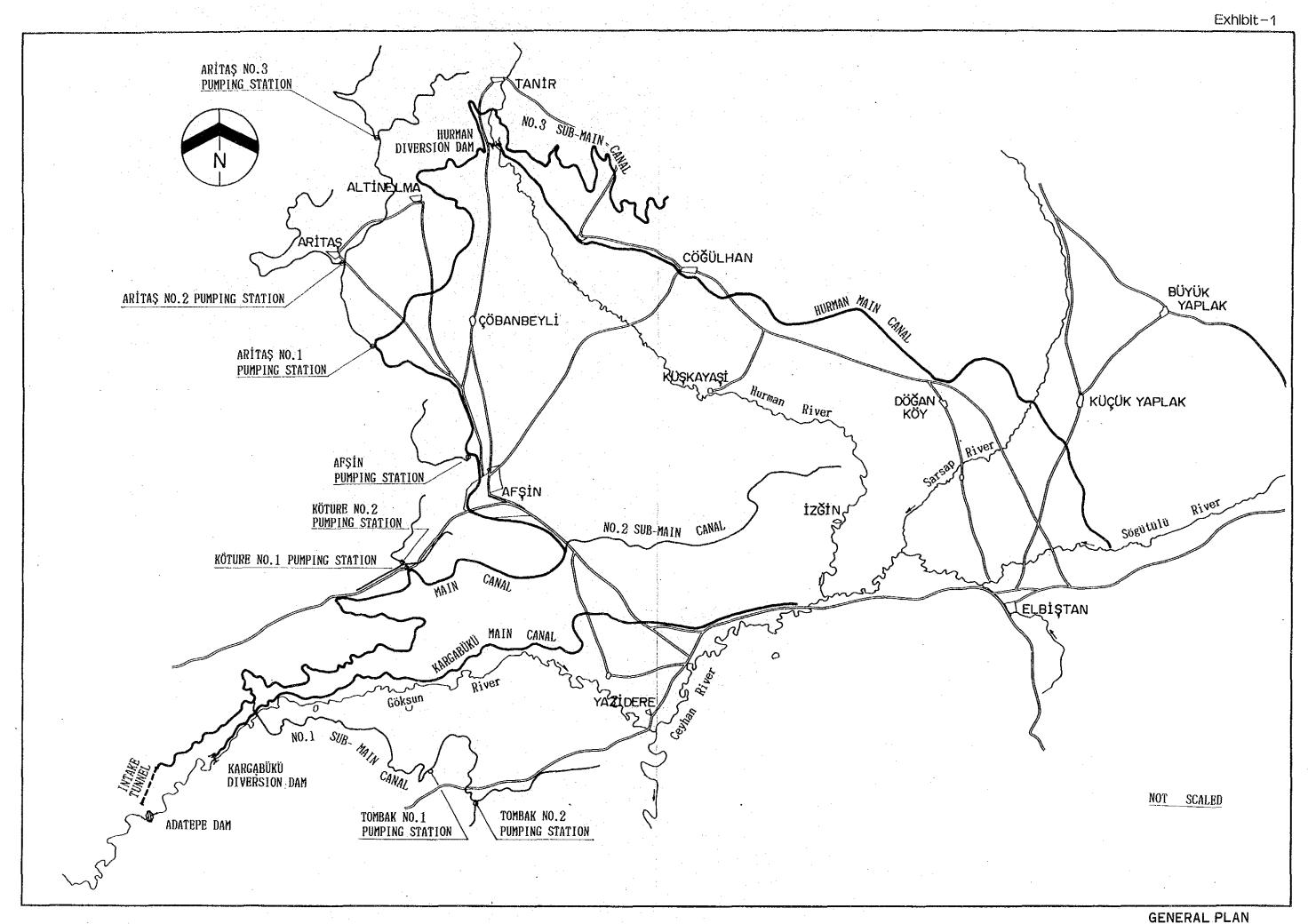
JAPAN INTERNATIONAL COOPERATION AGENCY

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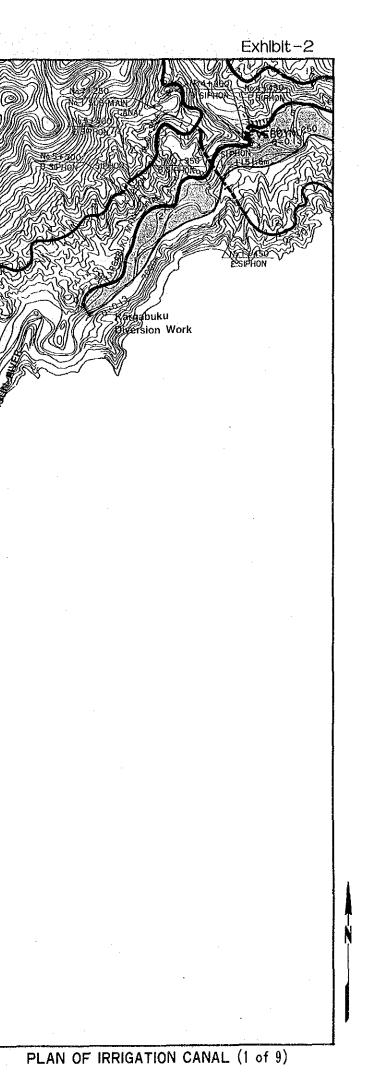
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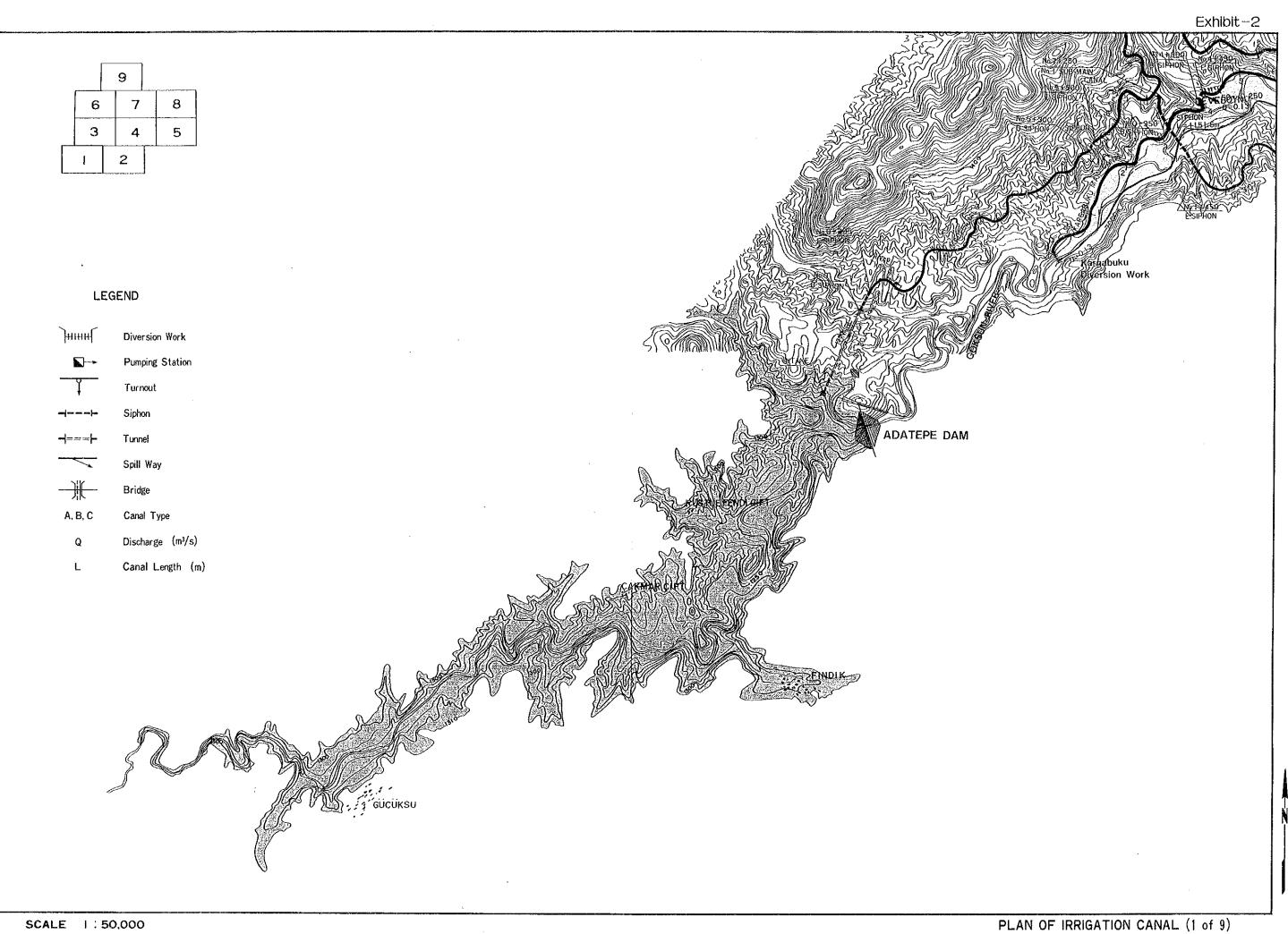
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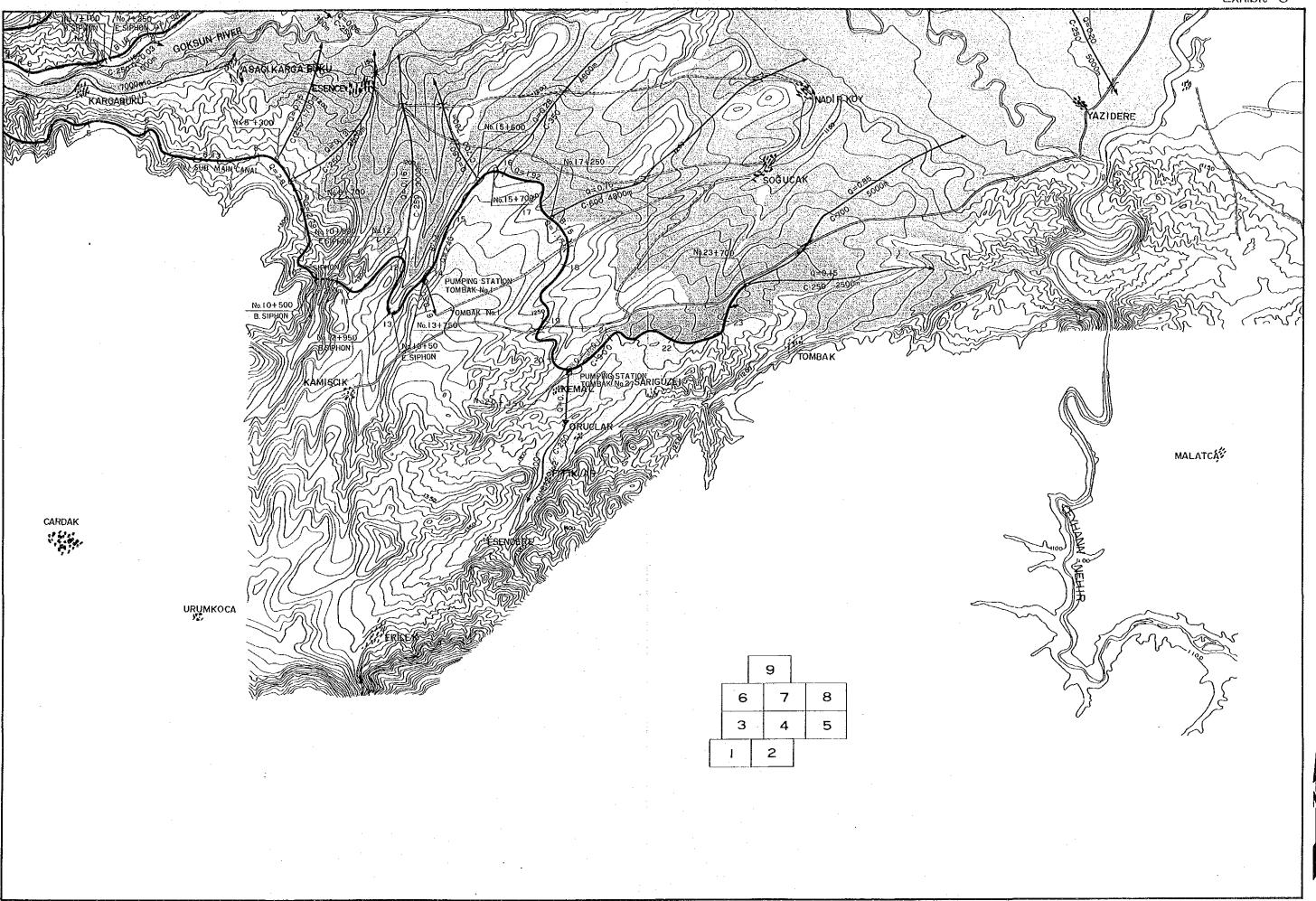


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+	Turnout	•		*	n an			
	Siphon			. · ·				
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	Spill Way				•	VA A	$\mathcal{A} \subset \mathcal{A} $	N° in
_][_	Bridge			• •			Vensart //	· · · · ·
A, B, C	Canal Type	. · · · ·			· ·			
Q	Discharge (m ³ /s)			÷			A SAMP	
L	Canal Length (m)				M			
				(A)	142 - March	STATISTICS CONTRACTOR		
							EM -	
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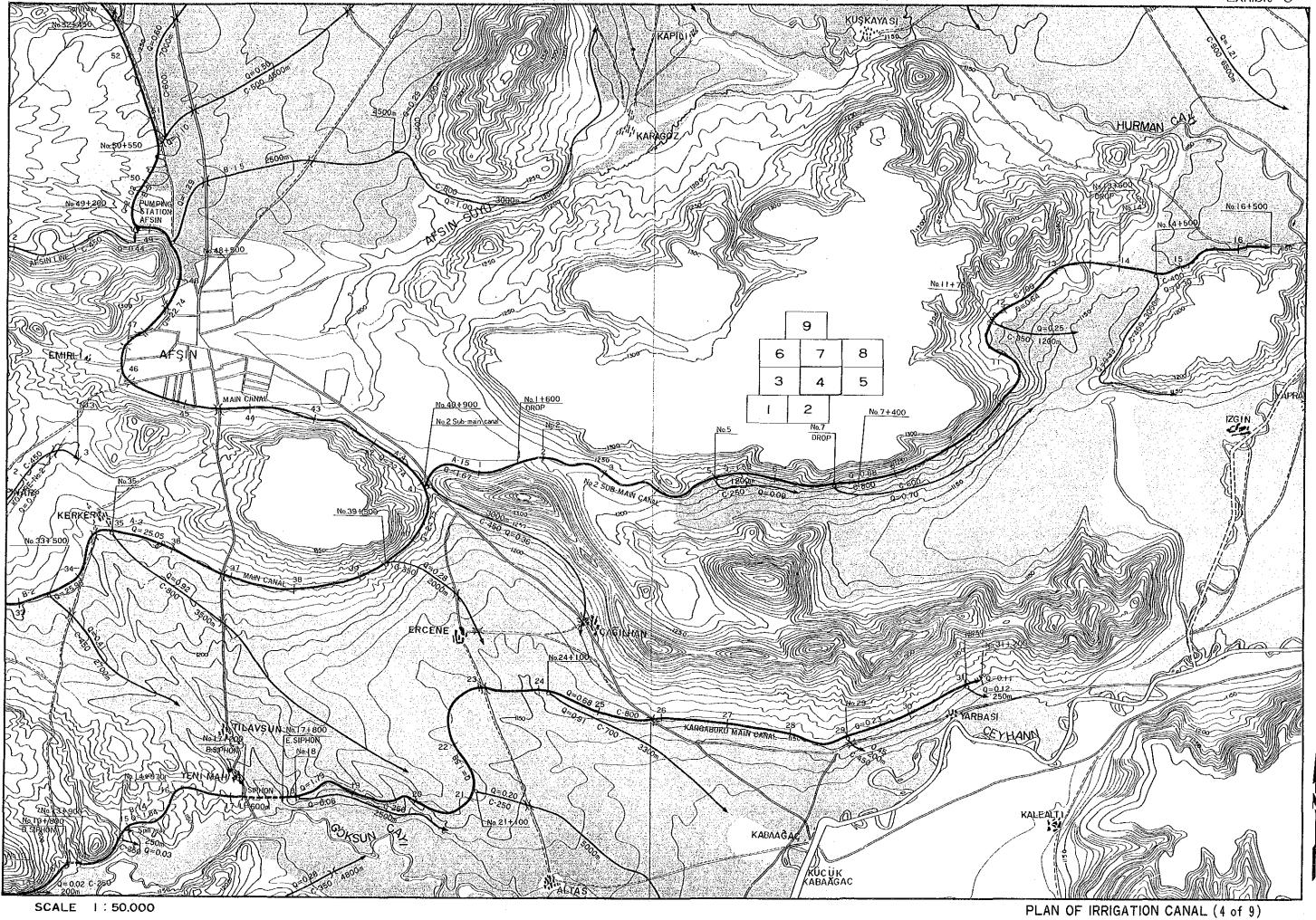


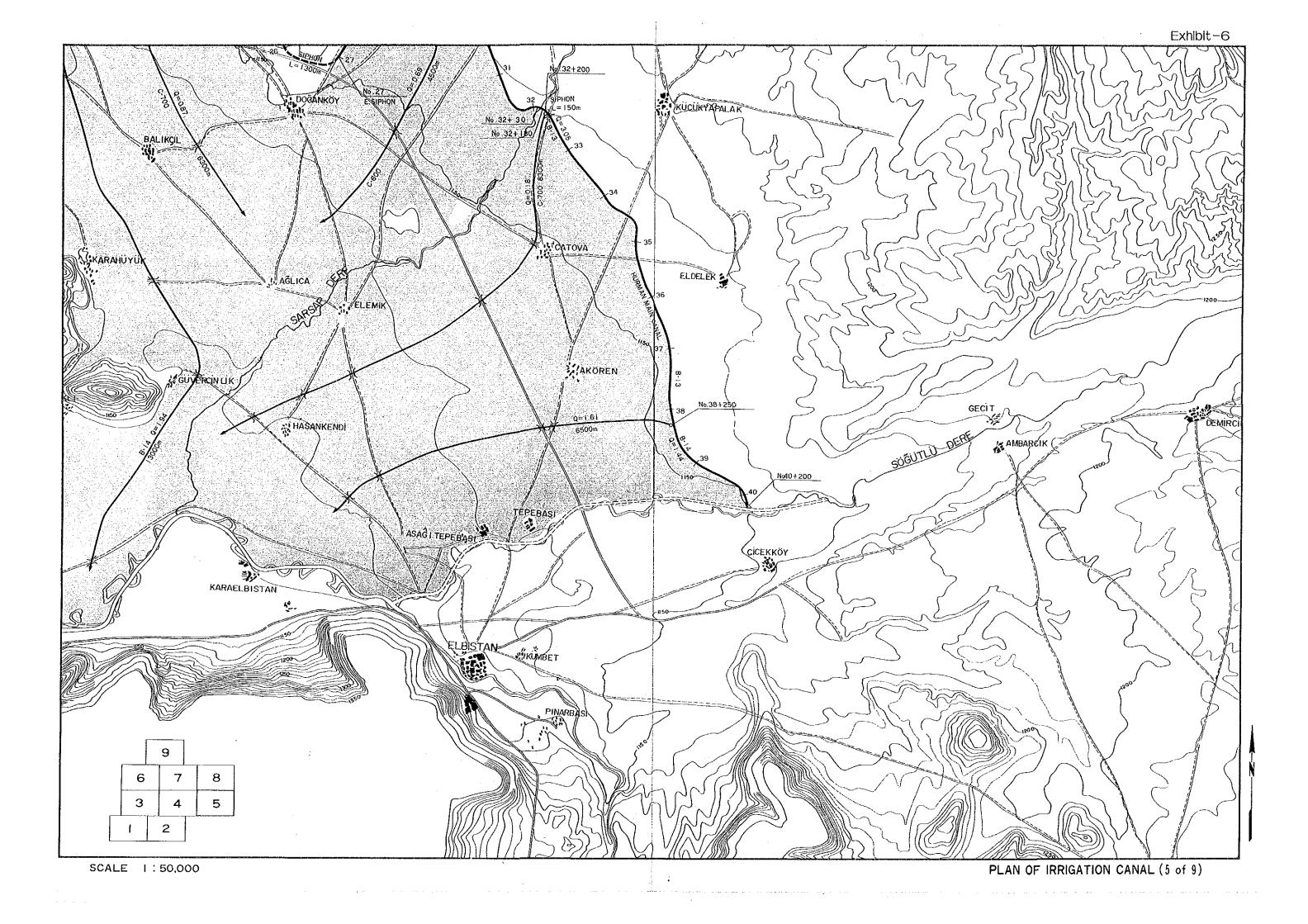


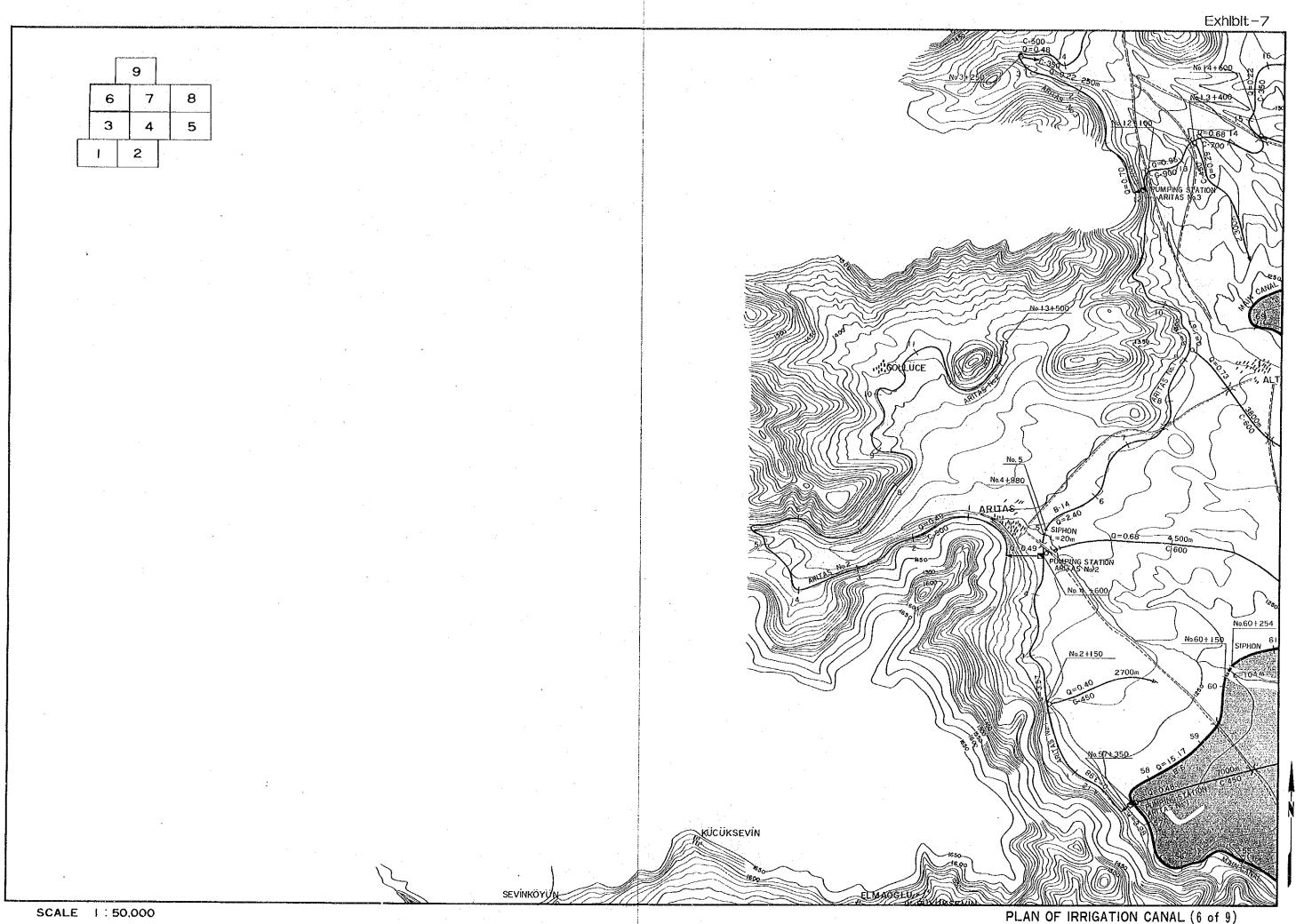


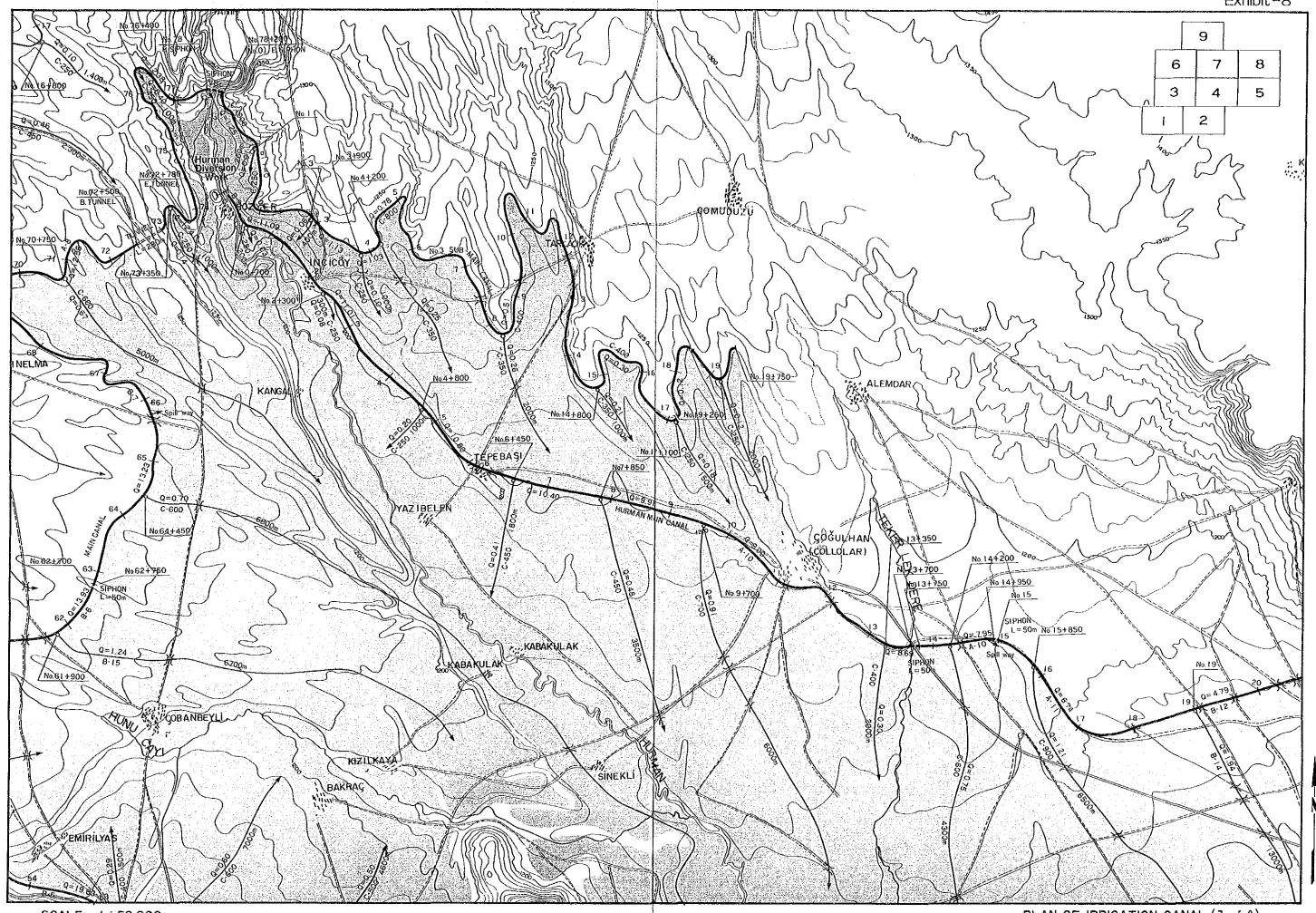
PLAN OF IRRIGATION CANAL (2 of 9)







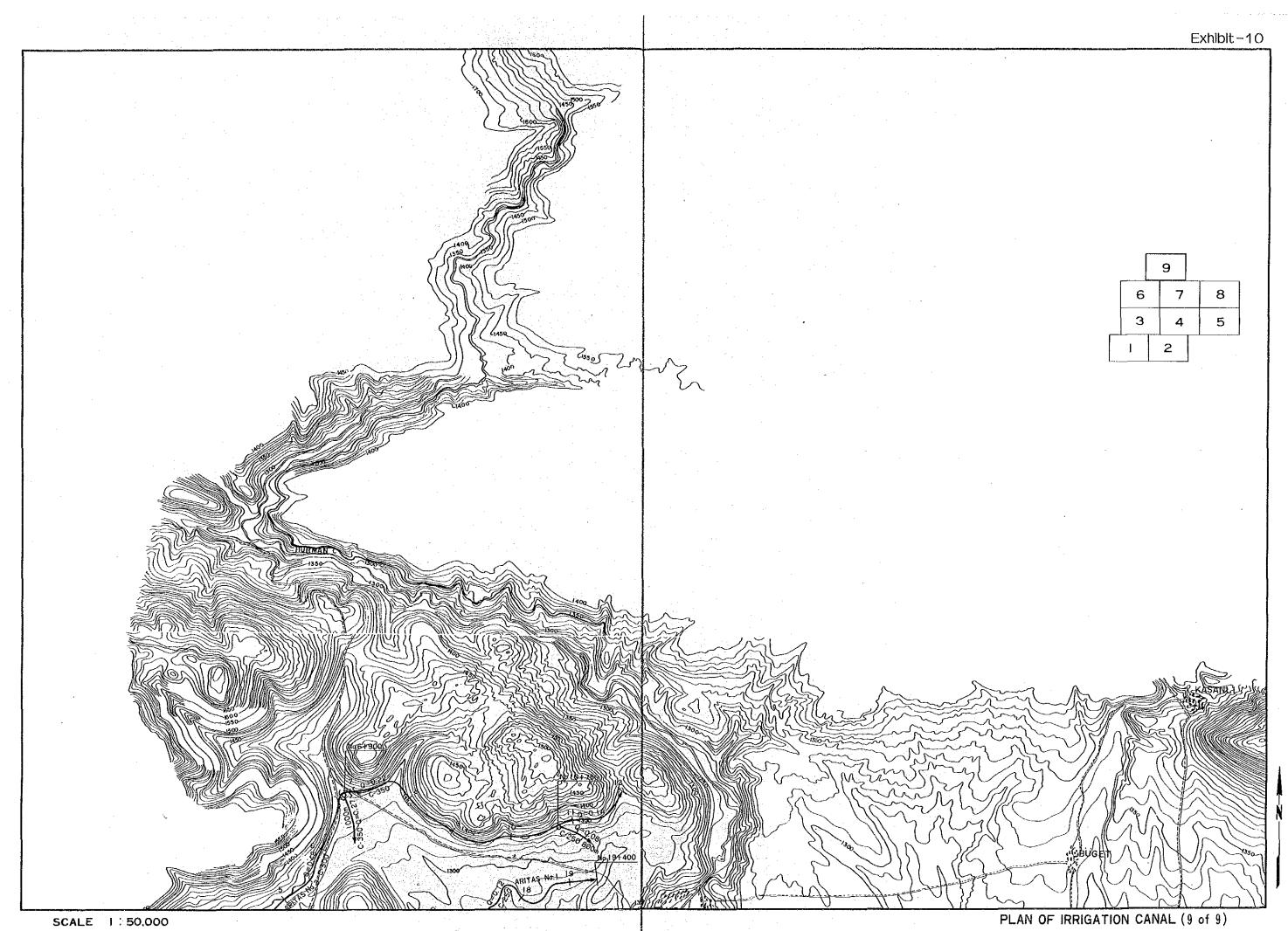


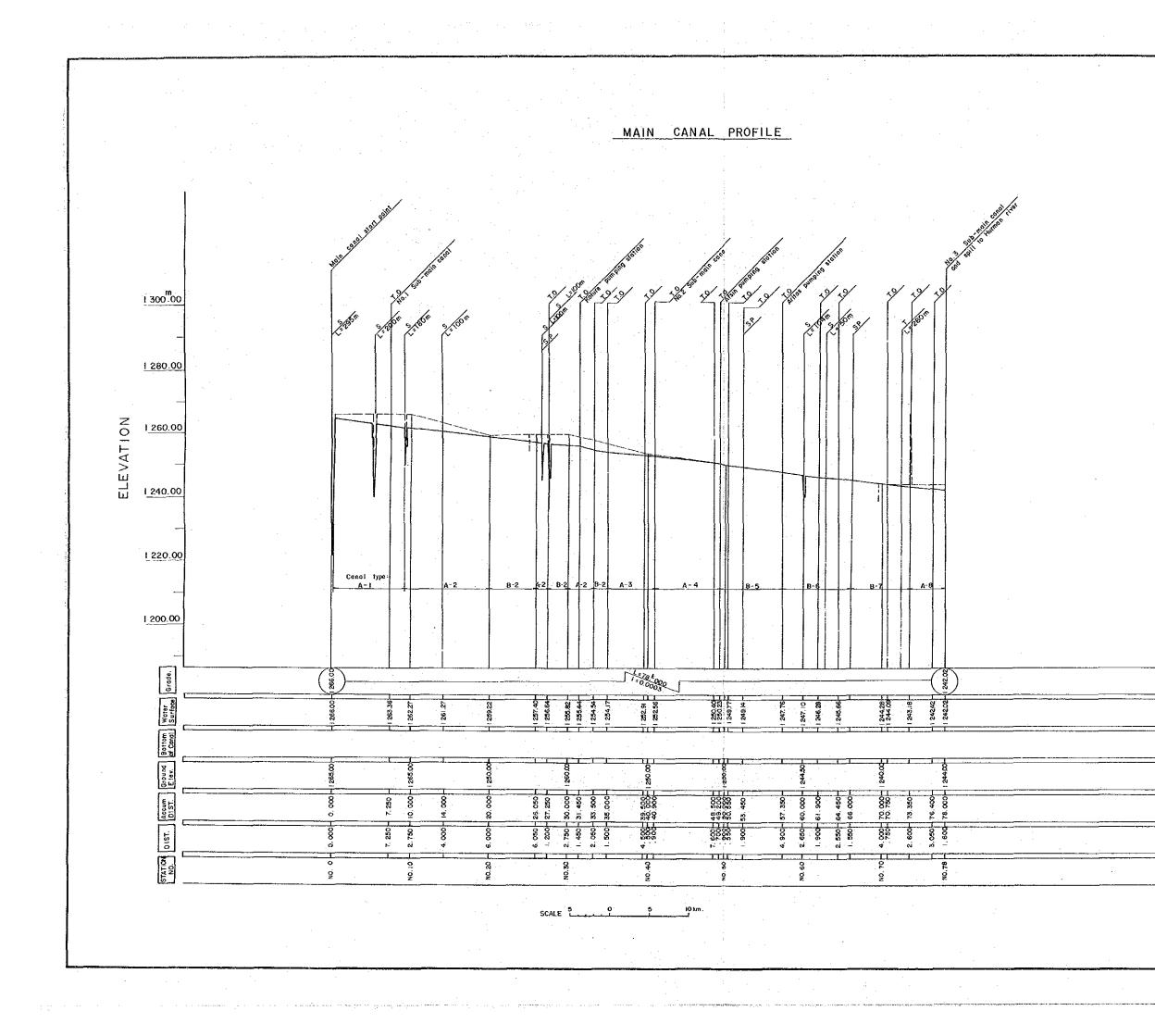


SCALE 1:50,000

PLAN OF IRRIGATION CANAL (7 of 9)

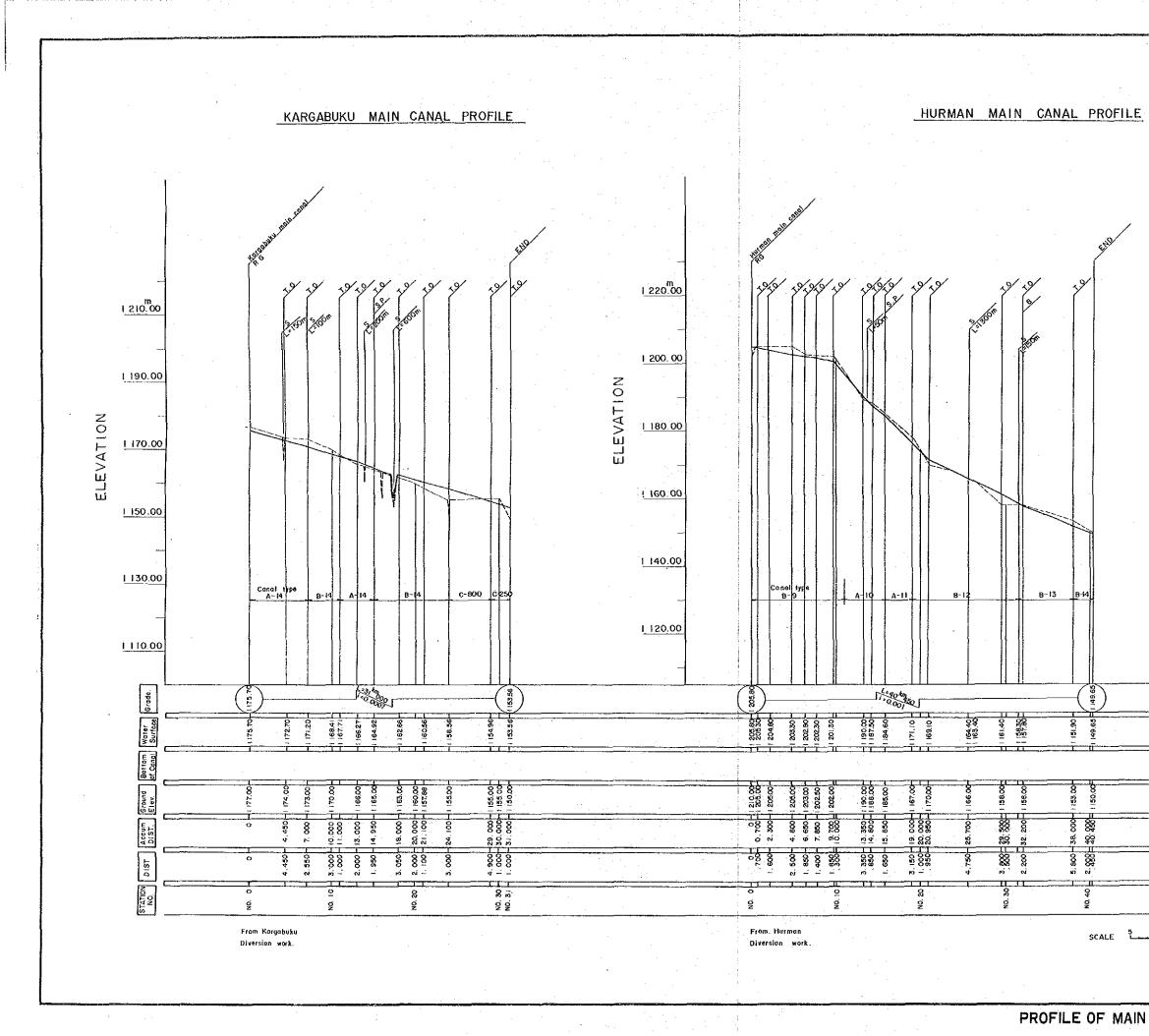






LEGEND T. O Turnou Tunnel Syphor Spill wa Conat typ Top of water leve (Water surface) Ground level (Ground)

PROFILE OF MAIN CANAL

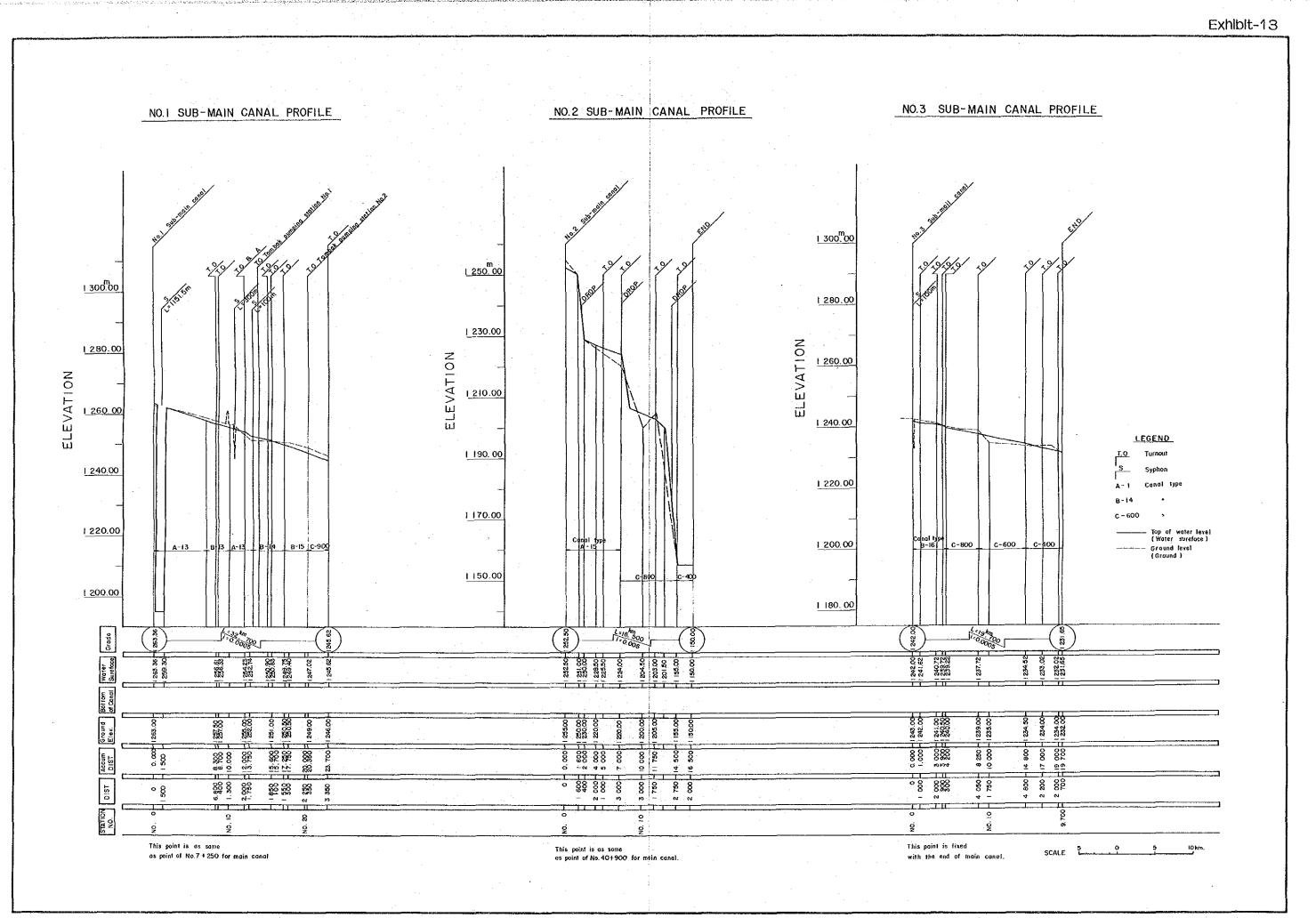


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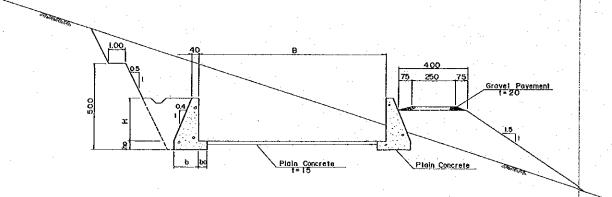
<u>T.O.</u>	Turnout	
r <u>s</u>	Syphon	
<u>SР</u> Г	Spilt way	
A - 1	Canal type	
8-15	•	
c - 800	•	
<u> </u>	Top of (Water	water leve surface)
	- Ground	le vel
	(Ground)

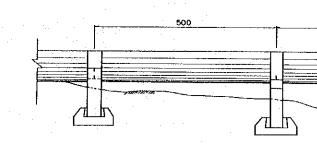
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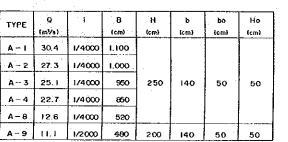
PROFILE OF MAIN CANAL (KARGABUKU AND HURMAN)



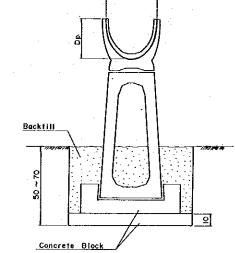
PROFILE OF SUB-MAIN CANAL (No. 1, No. 2 AND No. 3)



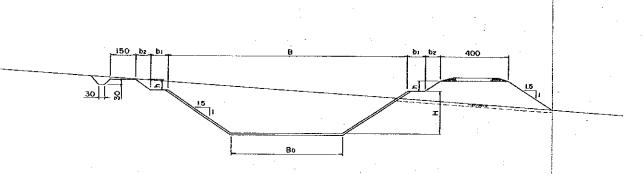




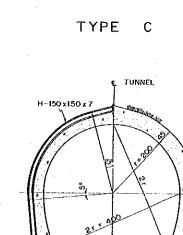
TYPE	Q (m¾s)	I.	B (cm)	H {cm}	b (cm)	bo tcm)	Ho (cm)
A-10	9.00	1/700	420				
A - 1 I	6:74	1/700	320	150	. 90	30	30
A-12	3.98	1/2000	300				
A-13	3.07	171500	300	-			
A-14	1.99	1/1500	200	120	78	30	. 30
A ~ 15	1.67	17650	180	100	70	30	30



ΤΥΡΕ Α



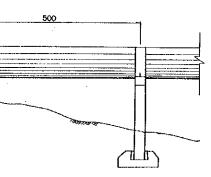
r	I	T		T	·	<u> </u>											
TYPE	Q (m ⁷ /s)	i	Bo (cm)	B (cm)	H (cm.)	bı (cm)	bz (cm)	h (cm)	ΤΥΡΕ	Q (m ³ /s)	i	80	В	н	þ.	b	h
				1				(Can)	ļ	((075)	ļ	(cm)	(cm)	· (cm)	(cm)	(cn)	(cm)
B - 2	27.3	174000	650	1.400	250		1.		8-12	4.79	171000	-100	550	150	·		
B-3	25.1	1/4000	600	1.350	.250				8-13	3.07	1/1500	100	490	130	50	45	30
8-5	21.0	1/4000	450	1.200	250	100	90	60	8-14	2.40	1/1 500	100	460	120			
8-6	15.2	1/4000	300	1.050	250				B-16	1.67	1/1500	100	400	100	÷		
B - 7	13.2	1/4000	200	950	2 50				[· . ·					
8-9	F I. F	1/2000	220	820	200												



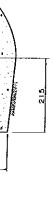
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ТҮРЕ В

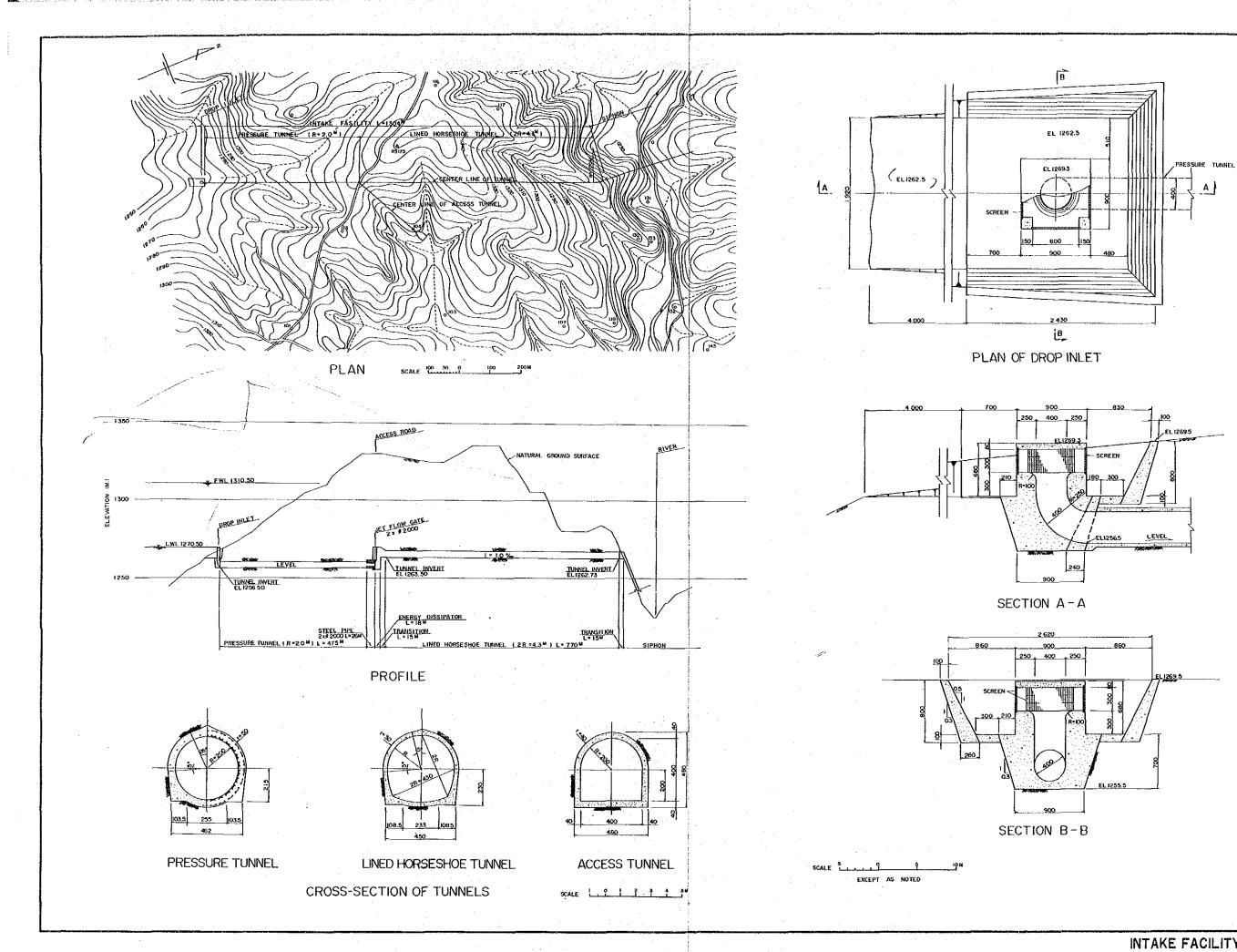


TYPE.	U {cm}	Dd (cm)	і тох	Qmox (m¥s)
70	35.70	37.88	0.0065	0.080
100	40.90	43.89	0.0062	0.030
135	46.08	50.35	0.00 60	0.194
180	53.38	55.62	0.0053	0.278
230	61.46	59.82	0.0049	0.362
315	77.02	63.82	0.0040	0.513
450	101.22	6857	0.0033	0.746
600	128.66	71.65	0.0028	0.987
800	154.72	82.86	0.0026	I.480
1.000	171.56	92.78	0.0025	1.980

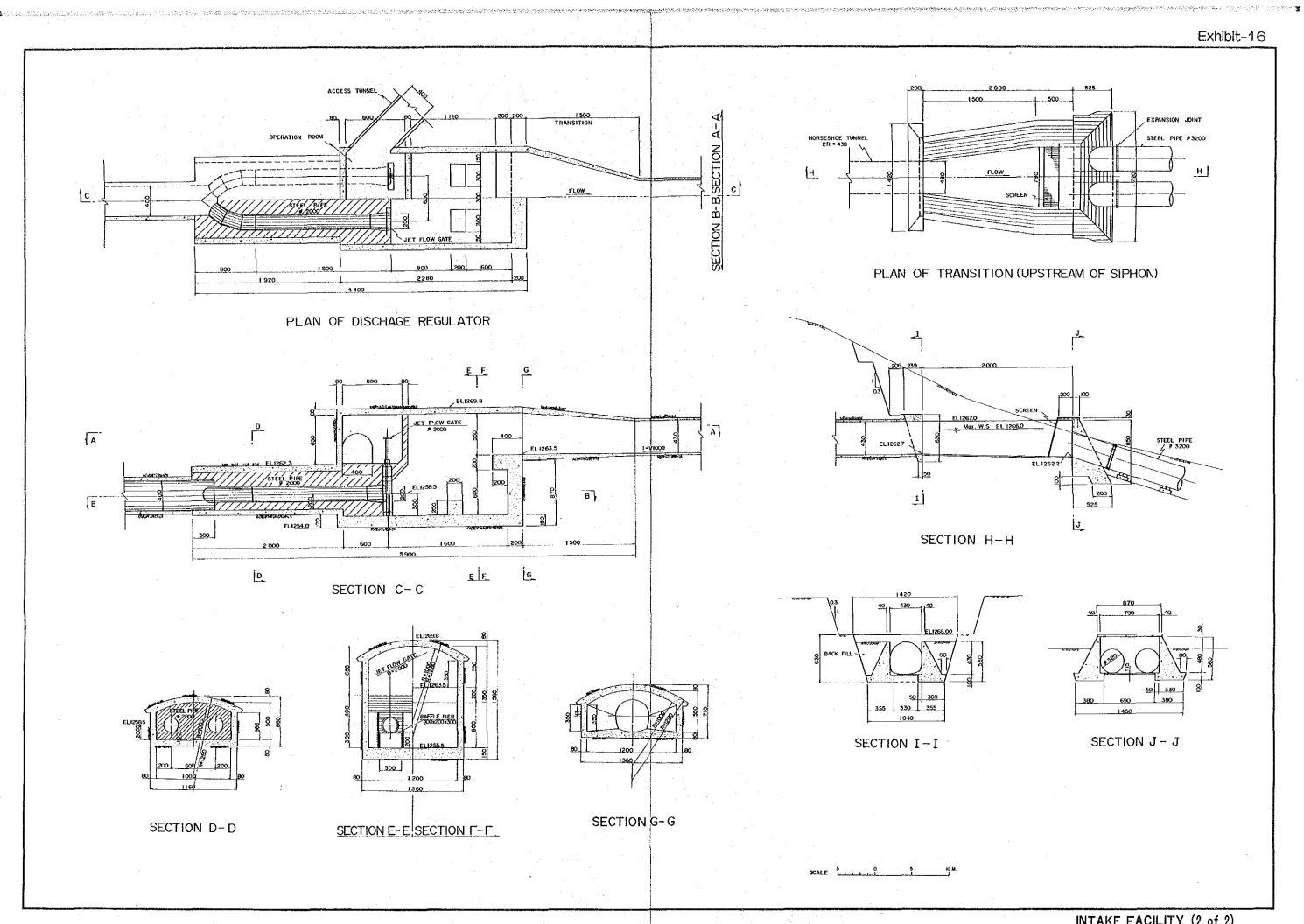


2 M

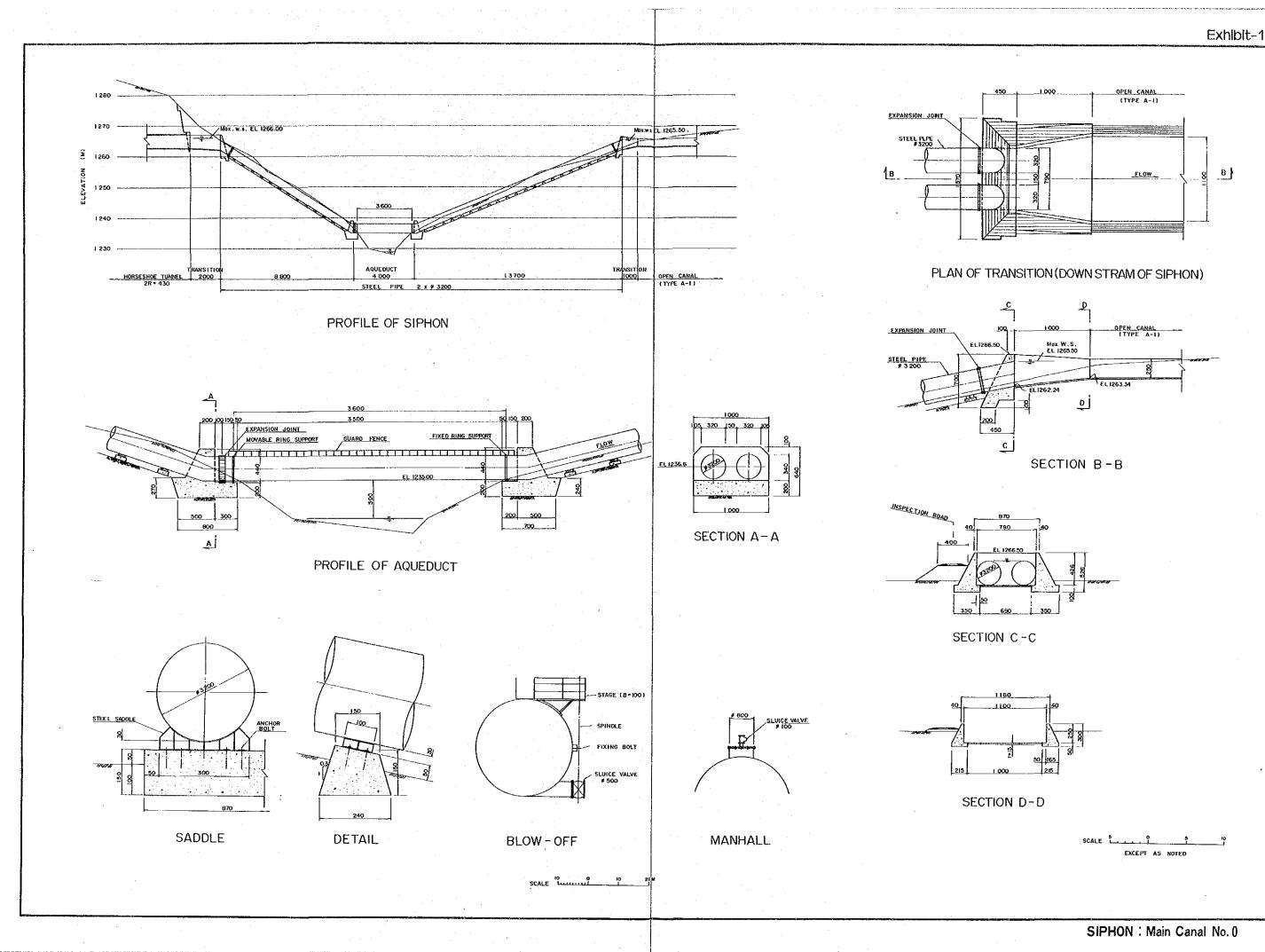
TYPICAL CROSS-SECTION OF IRRIGATION CANAL

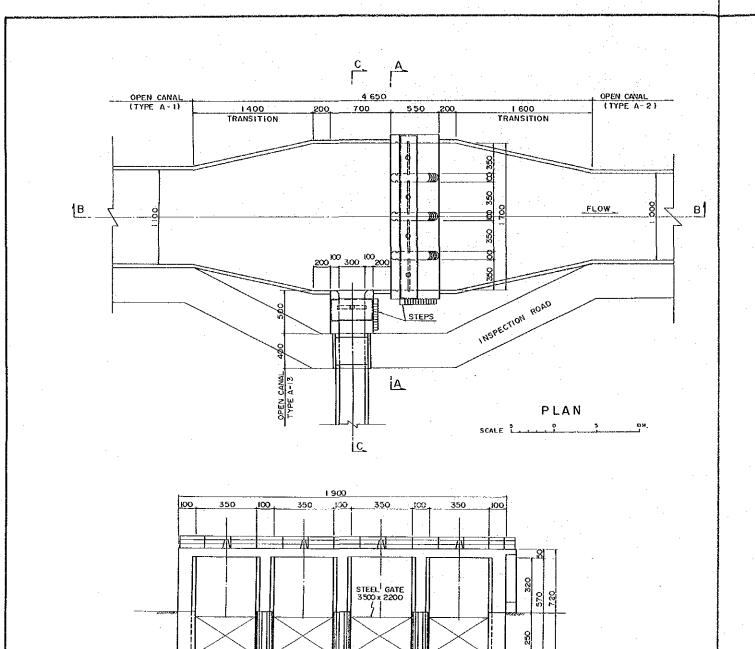


INTAKE FACILITY (1 of 2)

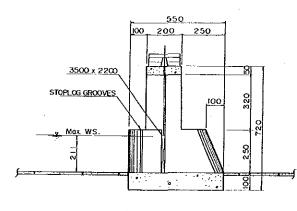


INTAKE FACILITY (2 of 2)





SECTION A-A



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SECTION B-B

 $B = \begin{bmatrix} 1700 \\ 1$

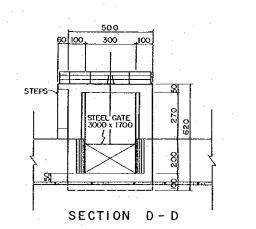
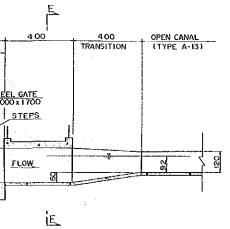
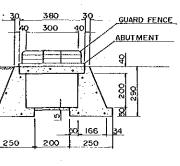
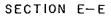


Exhibit-18

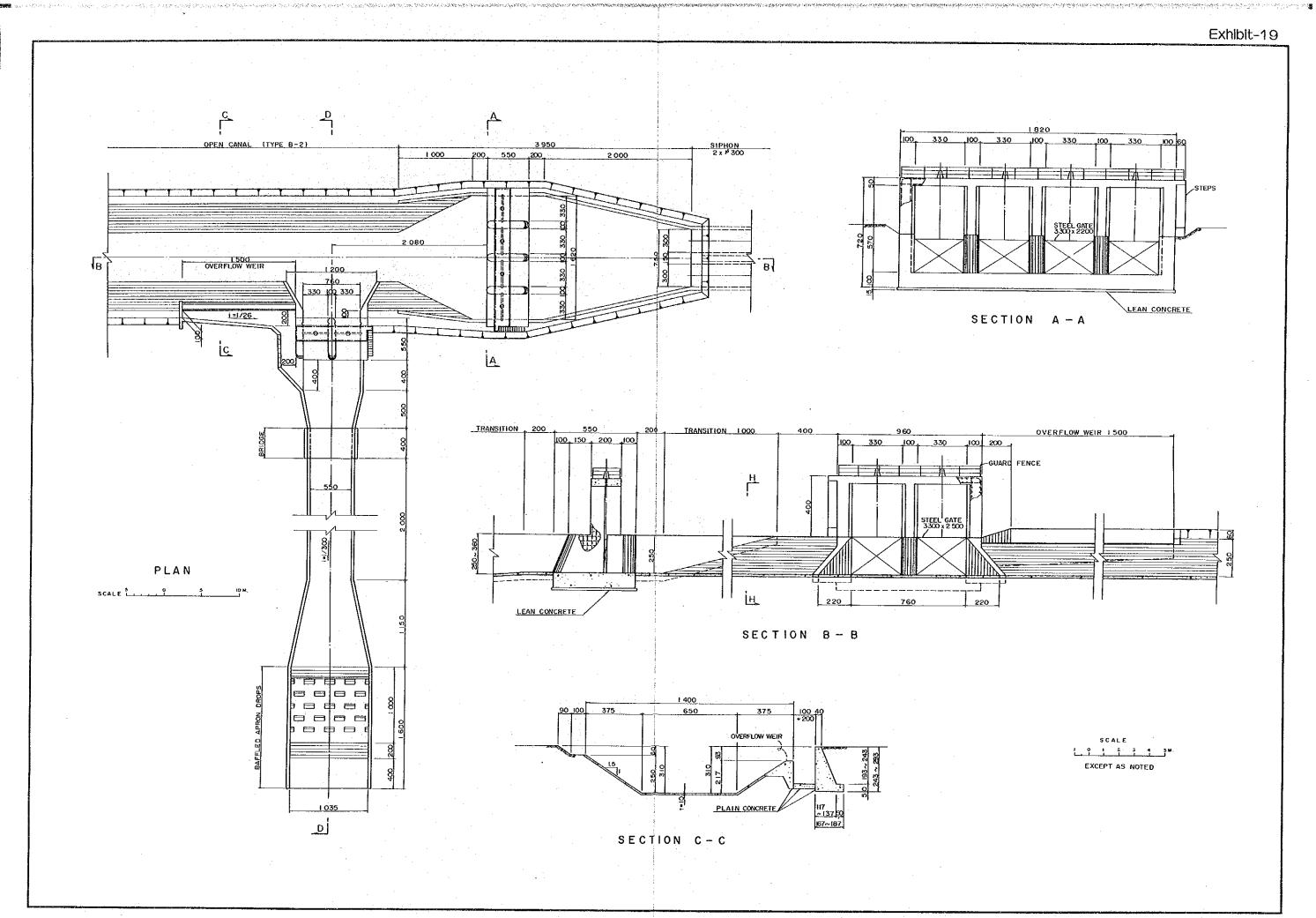




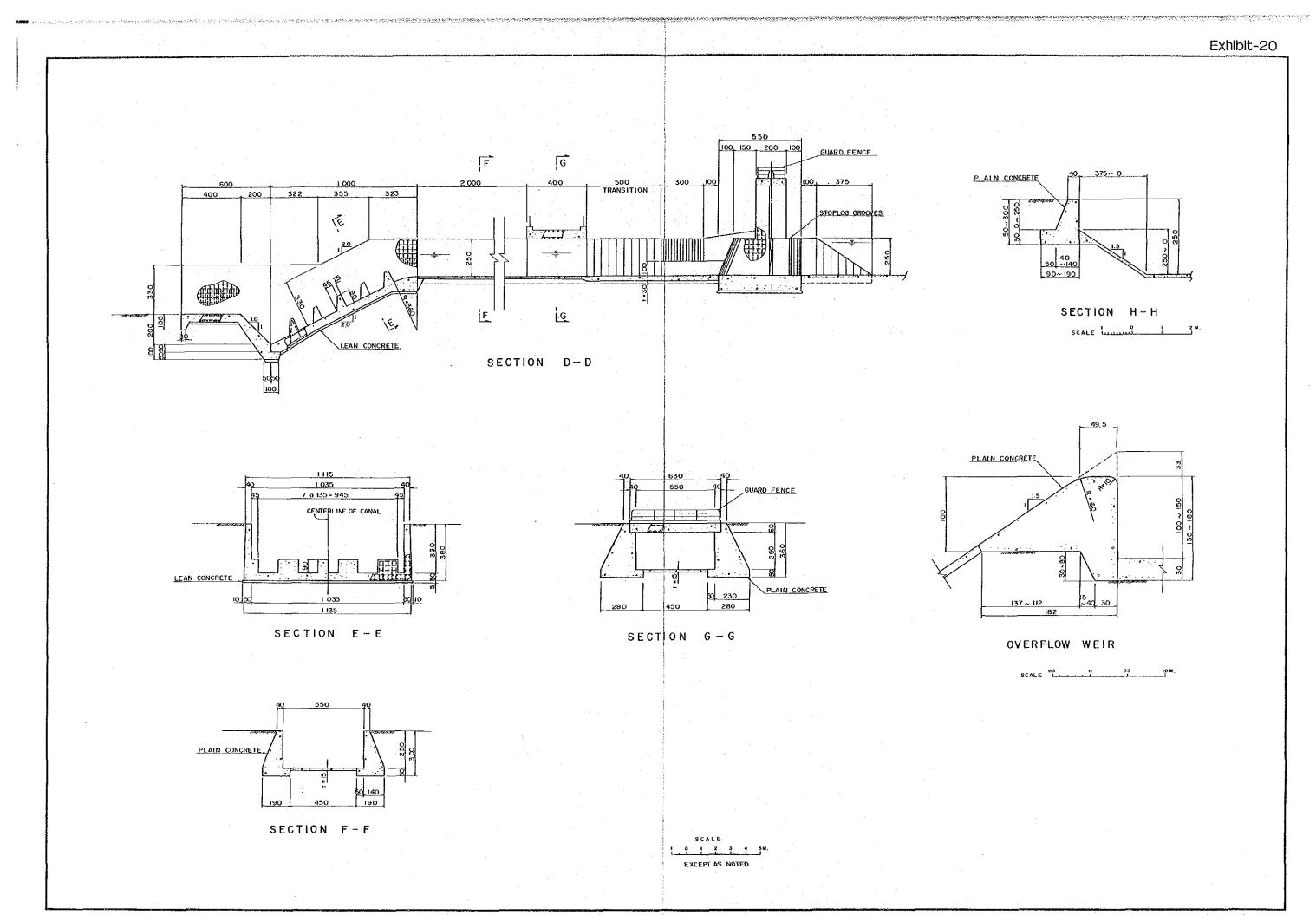


SCALE 2 2 3 4 5M. EXCEPT AS NOTED

TURNOUT : Main Canal No. 7 +250



WASTEWAY AND SPILLWAY : Main Canal No.26 (1 of 2)



WASTEWAY AND SPILLWAY .: Main Canal No.26 (2 of 2)

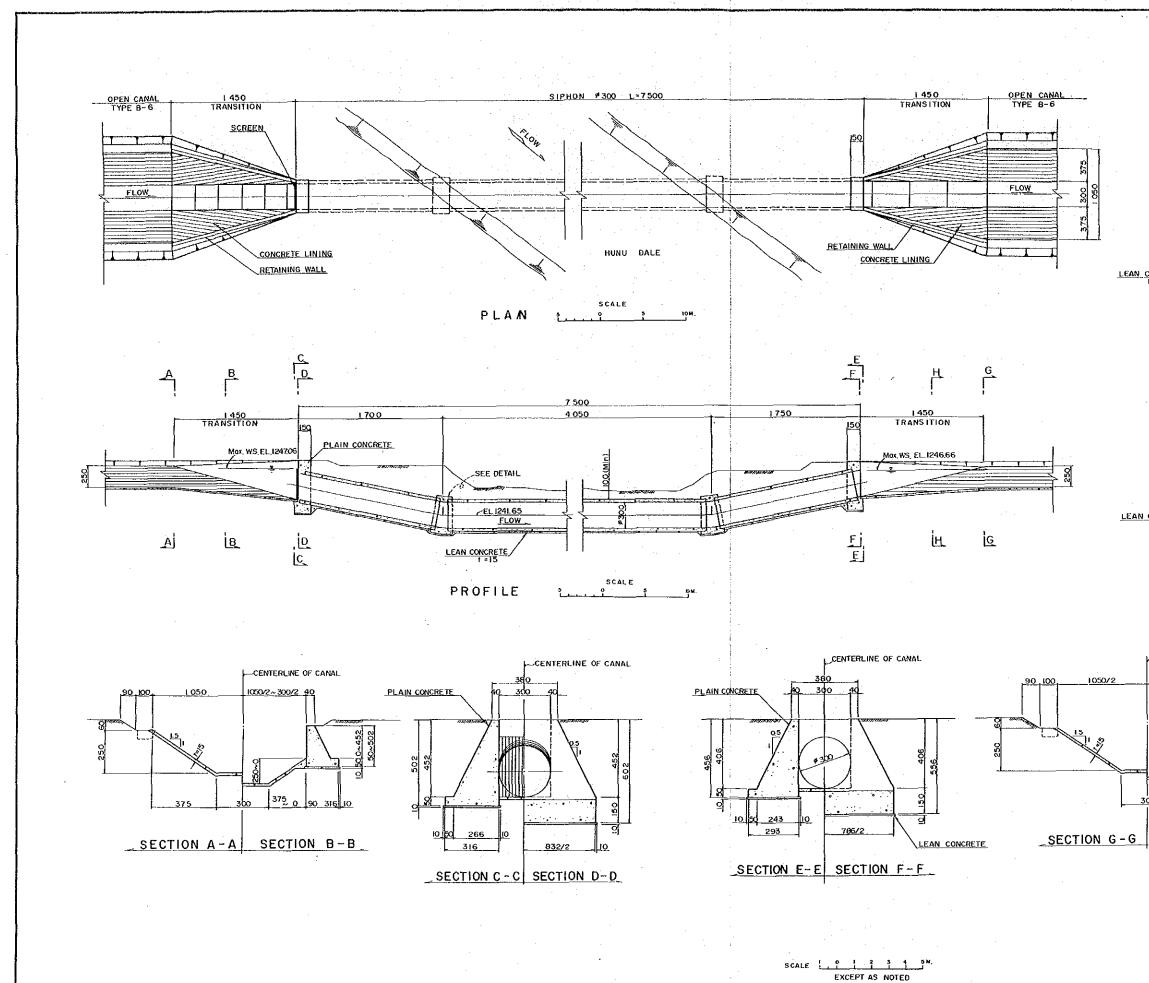


Exhibit-21 WATER-STOP LEAN_CONCRETE CROSS-SECTION OF SIPHON SCALE WATER-STOP LEAN CONCRETE/ 60 40 100 hool DETAIL CENTERLINE OF CANAL 1050/2 ~ 300/2 375 ~ 0 90~293 10 SECTION G-G SECTION H-H

SIPHON : Main Canal No.60+150