

THE DEFINITE PLAN REPORT
OF THE
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
FOR
JANAKPUR ZONE AND RAPTI MODEL FARM
IN NEPAL
DRAWINGS

JANUARY 1972

OVERSEAS TECHNICAL COOPERATION AGENCY
JAPAN

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国際協力事業団	
加入 期日 84.5.26	116
登録No. 08013	80.7 A.F.

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FOR
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IN NEPAL

DRAWINGS

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JANUARY 1972

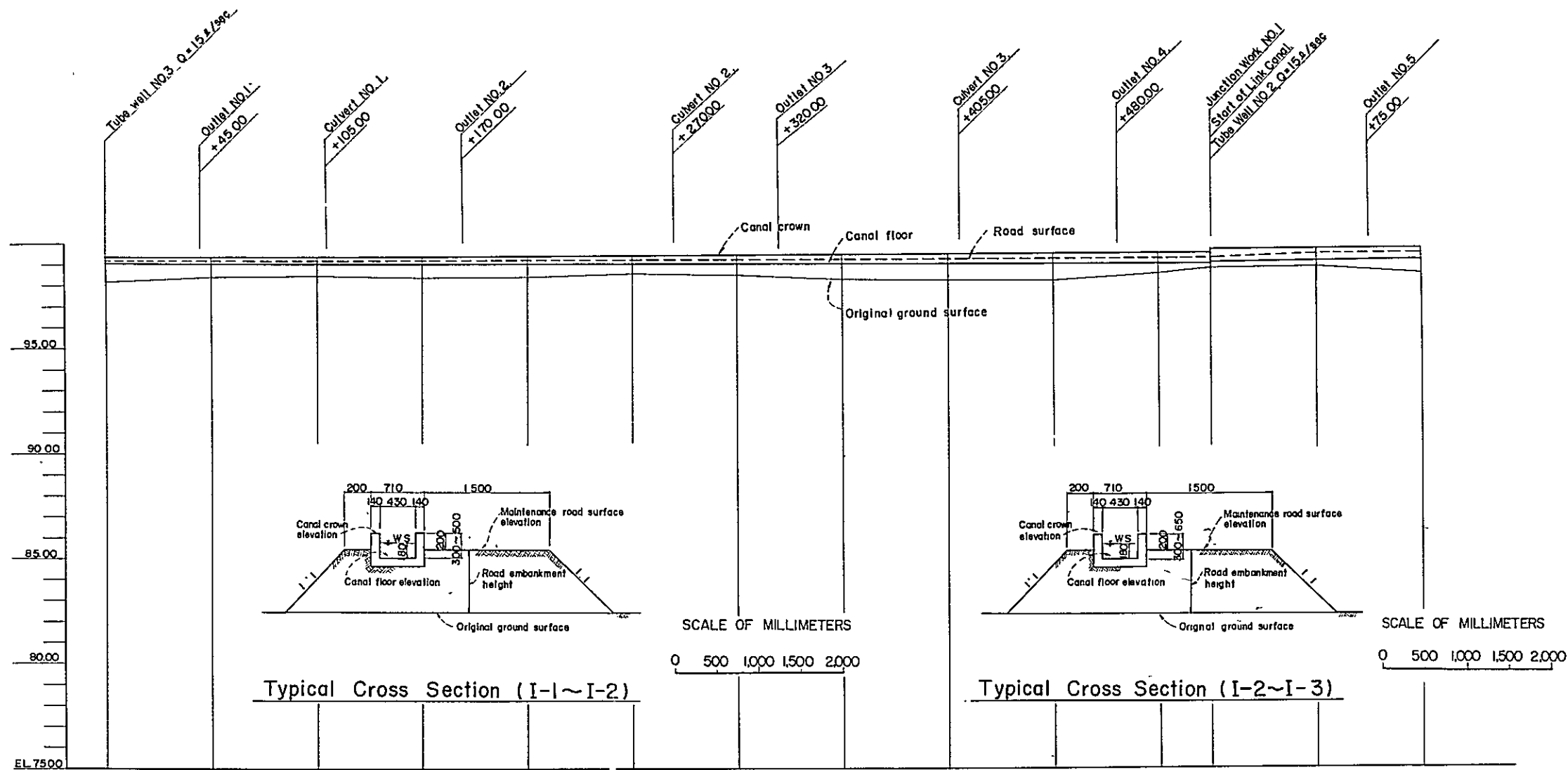
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入 日 51.11.30	F217
記録 No. 1023	41
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OVERSEAS TECHNICAL COOPERATION AGENCY
JAPAN

LIST OF DESIGN DRAWINGS

Plan No.	TITLE	
A - 1	Janakpur zone development scheme	General plan
A - 2	Main canal I	Profile (1)
A - 3	" "	" (2)
A - 4	Main canal II	Profile (1)
A - 5	" "	" (2)
A - 6	" "	" (3)
A - 7	Main canal III	Profile (1)
A - 8	" "	" (2)
A - 9	" "	" (3)
A - 10	Link canal	Profile (1)
A - 11	" "	" (2)
A - 12	" "	" (3)
A - 13	" "	" (4)
A - 14	" "	" (5)
A - 15	Connecting road	Profile (1)
A - 16	" "	" (2)
A - 17	" "	" (3)
A - 18	Tube well structure	Plan and sections

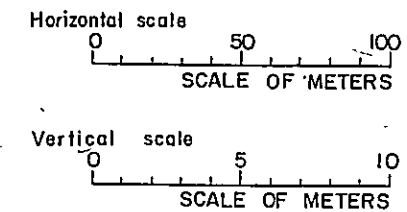
Plan No.	TITLE	
A - 19	Junction works	Plan and sections
A - 20	Siphon No. 1	" "
A - 21	" No. 2	" "
A - 22	" No. 3	" "
A - 23	Outlet type A and B	" "
A - 24	Culverts	" "
A - 25	Bridge	" "
B - 1	Rapti model farm	General plan
B - 2	Pipe line	Profile (1)
B - 3	" "	" (2)
B - 4	" "	" (3)
B - 5	" "	" (4)
B - 6	Pumping station	Plan and sections
B - 7	" "	Details of housing (1)
B - 8	" "	" " (2)
B - 9	Farm pond, discharge structure and intake	Plan and sections
B - 10	Spillway, surge tank and air valve box	" "
B - 11	Blow off and outlet	" "



GRADE	3,000															1,000														
FLOW CAPACITY	Q = 20 l/s (Max. 30 l/s)																													
ROAD EMBANK HEIGHT	1.04	0.83	0.75	0.87	0.85	0.66	0.78	0.99	1.02	1.09	0.72	0.51	0.67	0.94																
ROAD SURFACE ELEV.	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30	99.30																
CANAL CROWN ELEV.	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50	99.50																
CANAL FLOOR ELEV.	99.17	99.15	99.14	99.12	99.10	99.09	99.07	99.05	99.04	99.02	99.00	99.00	99.00	99.00																
GROUND ELEV.	98.23	98.47	98.55	98.43	98.45	98.64	98.52	98.21	98.28	98.21	98.58	98.79	98.88	98.61																
ACCUM. DIST.	0	50.00	100.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	500.00	524.60	574.60	624.60																
DIST.	0	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	24.60	50.00	50.00																
STA.	I-1	+ 50	+ 100	+ 150	+ 200	+ 250	+ 300	+ 350	+ 400	+ 450	+ 500	I-2	+ 50	+ 100																

NOTES

All dimensions are given in meters, unless otherwise shown
 All stations and elevations are given in meters



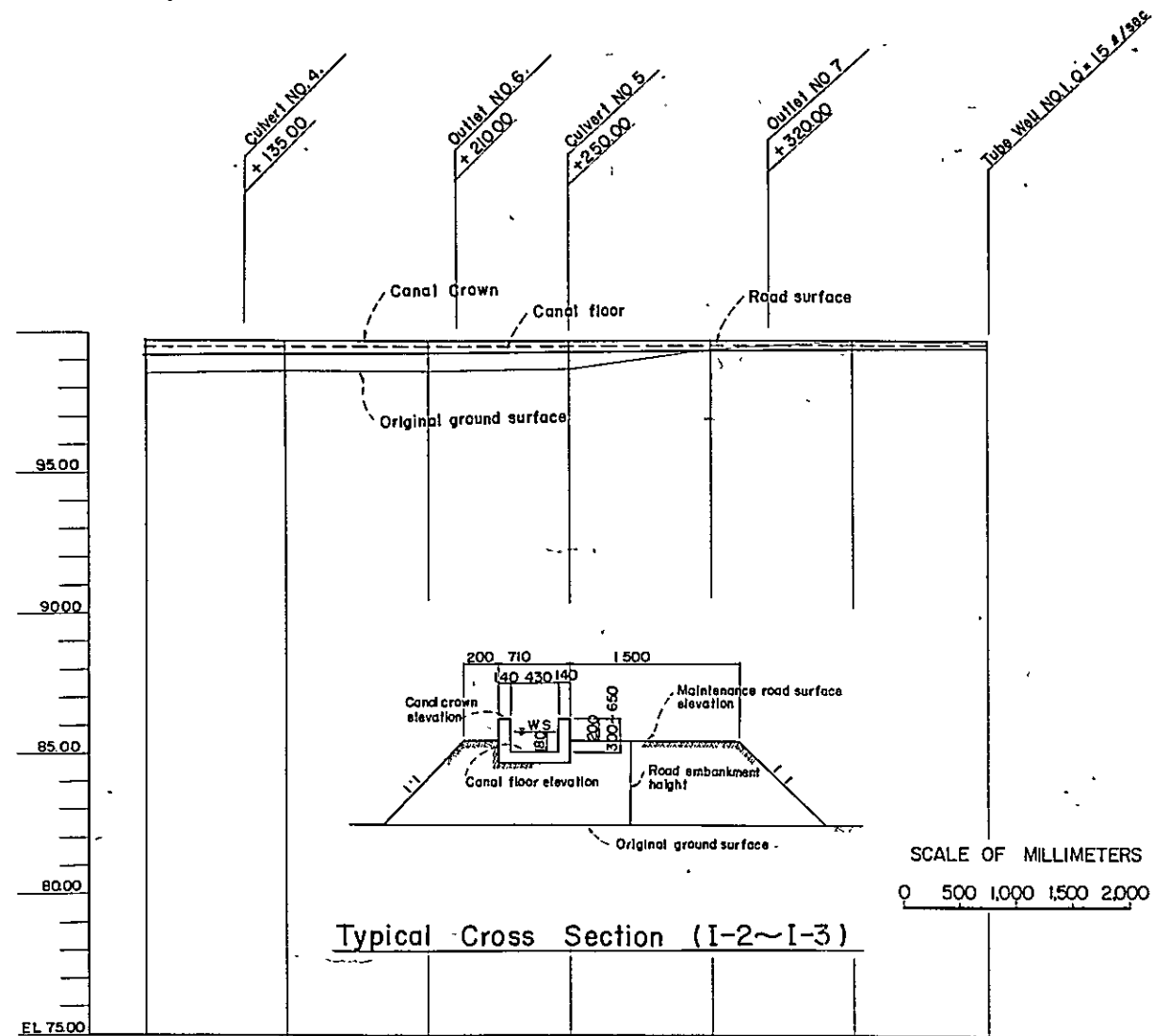
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL-I
 PROFILE (I)

DRAWN: SUBMITTED
 CHECKED: APPROVED

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN, 1972

PLAN: NO. A-2

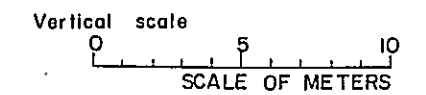
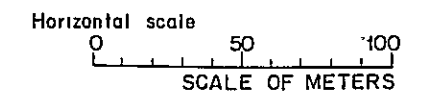


Typical Cross Section (I-2~I-3)

GRADE	1000						
FLOW CAPACITY	Q = 20 M/s (Max. 30 M/s)						
ROAD EMBANKMENT HEIGHT	0.94	0.84	0.85	0.77	0.09	0.25	0.14
ROAD SURFACE ELEV.	99.55	99.55	99.55	99.55	99.55	99.55	99.55
CANAL CROWN ELEV.	99.75	99.75	99.75	99.75	99.75	99.75	99.75
CANAL FLOOR ELEV.	99.20	99.25	99.30	99.35	99.40	99.45	99.50
GROUND ELEV.	98.61	98.71	98.70	98.78	99.45	99.80	99.69
ACCUM. DIST.	624.60	674.60	724.60	774.60	824.60	874.60	922.10
DIST.	50.00	50.00	50.00	50.00	50.00	50.00	47.50
STA.	I-2 +100	+150	+200	+250	+300	+350	I-3

NOTES

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All stations and elevations are given in meters

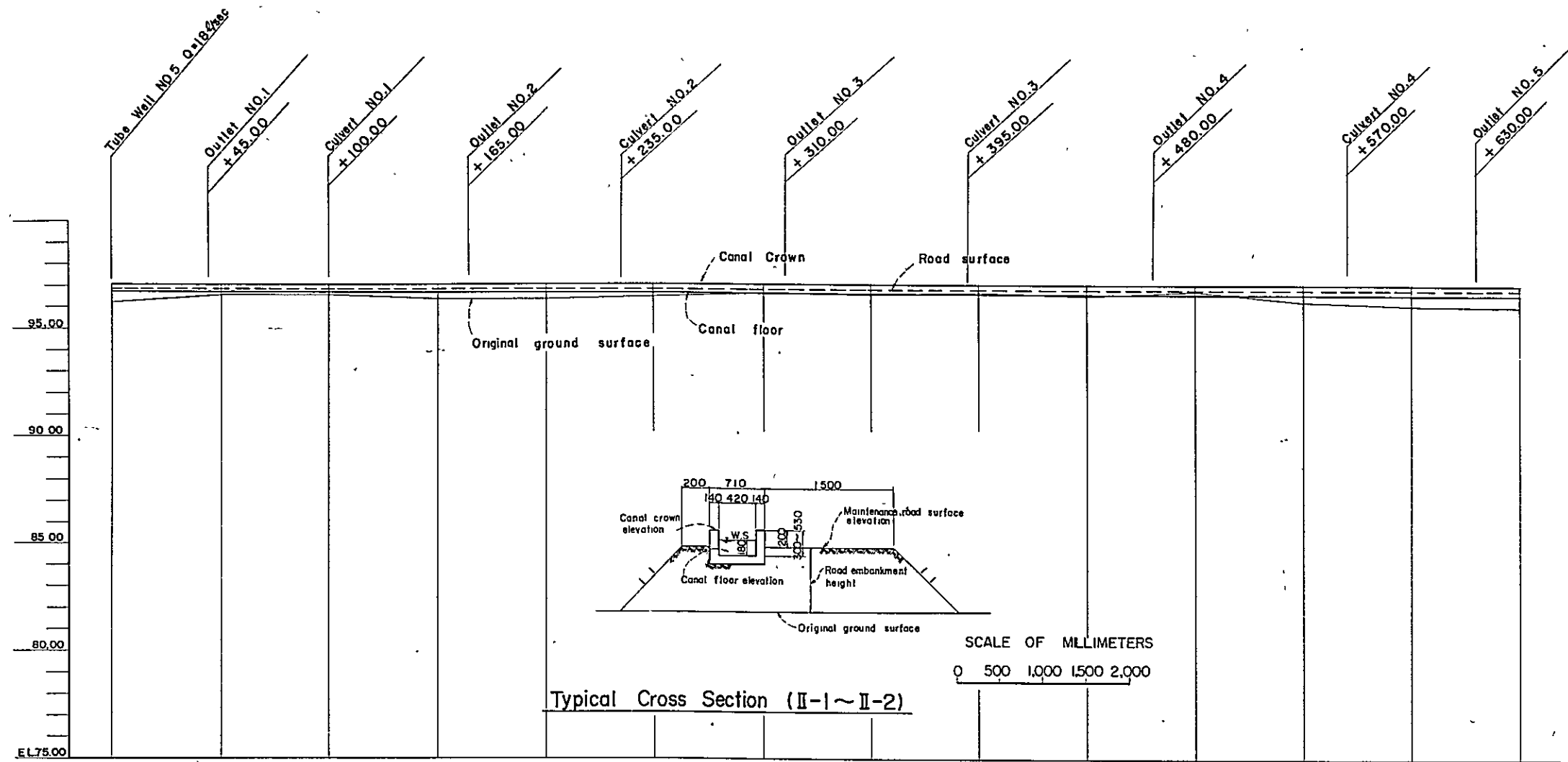


NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL I
PROFILE (2)

DRAWN: SUBMITTED:
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OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO. DATE: JAN., 1972
PLAN NO. A-3



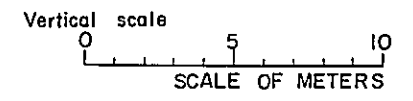
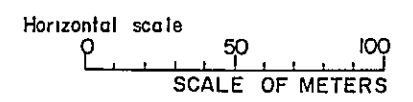
Typical Cross Section (II-1 ~ II-2)

SCALE OF MILLIMETERS
0 500 1,000 1,500 2,000

GRADE	1 3,000														
FLOW CAPACITY	0.204/s (Max 304/s)														
ROAD EMBANK HEIGHT	0.65	0.23	0.28	0.48	0.47	0.36	0.19	0.23	0.12	0.28	0.06	0.57	0.70	0.63	
ROAD SURFACE ELEV.	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90	96.90
CANAL CROWN ELEV.	92.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10	97.10
CANAL FLOOR ELEV.	96.80	96.78	96.77	96.75	96.73	96.72	96.70	96.68	96.67	96.65	96.63	96.62	96.60	96.58	96.58
GROUND ELEV.	96.25	96.61	96.62	96.42	96.43	96.54	96.71	96.67	96.78	96.62	96.64	96.33	96.20	96.07	96.07
ACCUM. DIST.	0	5000	10000	15000	20000	25000	30000	35000	40000	45000	50000	55000	60000	65000	
DIST.	0	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
STA.	I-1	+50	+100	+150	+200	+250	+300	+350	+400	+450	+500	+550	+600	+650	

NOTES

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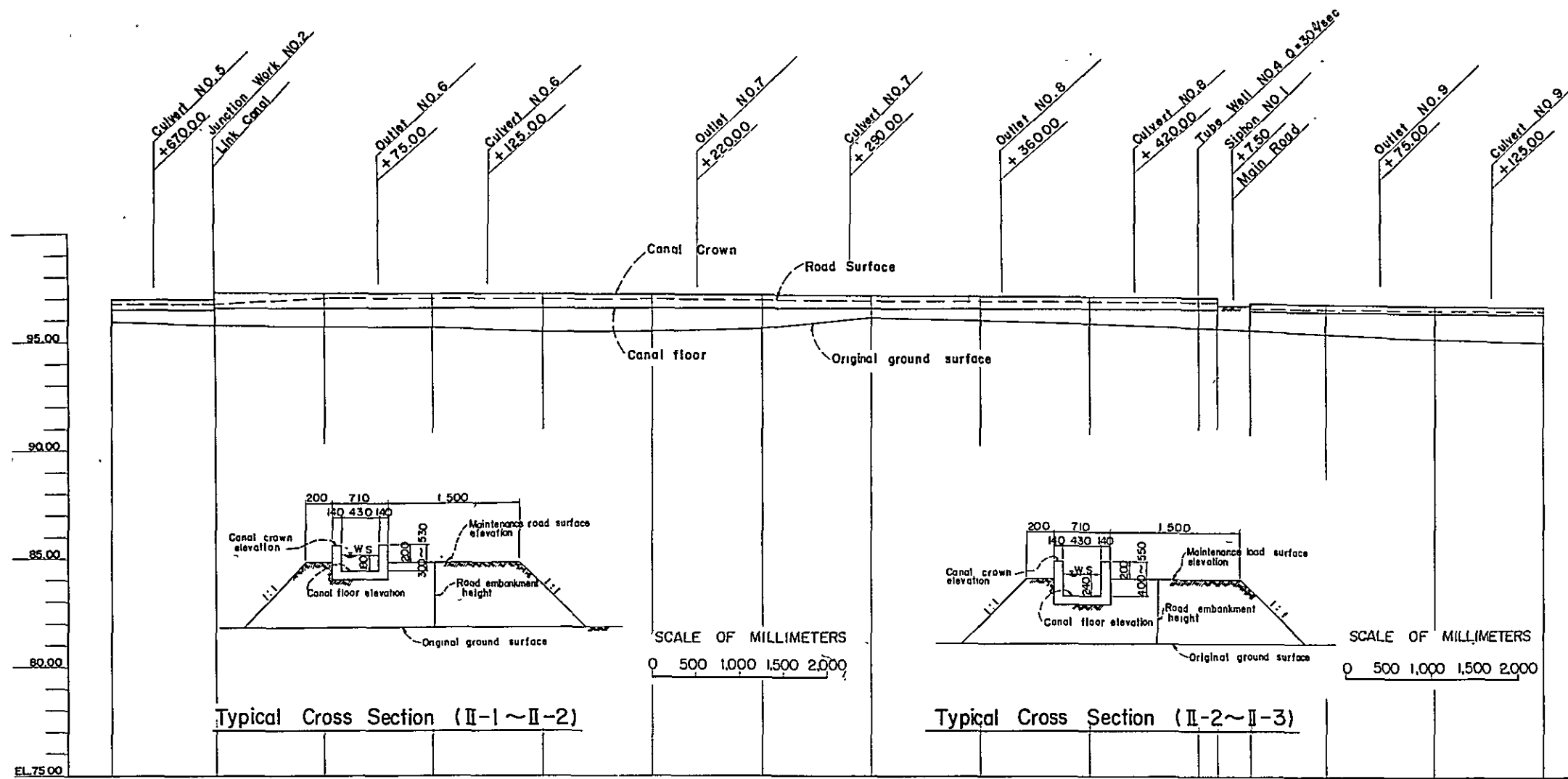
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REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL II
PROFILE (I)

DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO. DATE: JAN., 1972

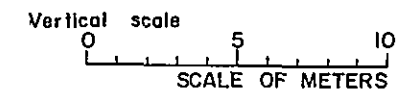
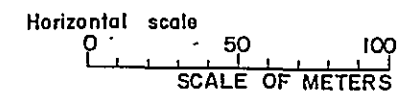
PLAN NO A-4



ST. A.	DIST.	ACCUM. DIST.	GROUND ELEV.	CANAL FLOOR ELEV.	CANAL CROWN ELEV.	ROAD SURFACE ELEV.	ROAD EMBANK HEIGHT	FLOW CAPACITY	GRADE
II-1 +650	50.00	650.00	96.07	96.58	97.10	96.90	0.83	Q = 20 ⁴ /s (Max 30 ⁴ /s)	3,000
II-2	47.70	697.70	95.89	96.57 96.67	97.10 97.22	96.90	1.01		
+ 50	50.00	747.70	95.76	96.69	97.22	97.02	1.26		
+ 100	50.00	797.70	95.73	96.70	97.22	97.02	1.29		
+ 150	50.00	847.70	95.58	96.72	97.22	97.02	1.44		
+ 200	50.00	897.70	95.59	96.74	97.22	97.02	1.43		
+ 250	50.00	947.70	95.69	96.75	97.22	97.02	1.33		
+ 300	50.00	997.70	96.14	96.77	97.22	97.02	0.88		
+ 350	50.00	1,047.70	96.05	96.79	97.22	97.02	0.97	Q = 30 ⁴ /s (Max 45 ⁴ /s)	3,000
+ 400	50.00	1,097.70	95.90	96.80	97.22	97.02	1.12		
+ 450	50.00	1,147.70	95.74	96.82	97.22	97.02	1.28		
II-3	8.80	1,156.50	95.74	96.82	97.22	97.02	1.28		
	15.00		95.50	96.72	97.02	96.82	1.32		
+ 50	35.00	1,206.50	95.48	96.69	96.79	96.79	1.31		
+ 100	50.00	1,256.50	95.26	96.64	96.74	96.74	1.48		
+ 150	50.00	1,306.50	95.12	96.59	96.69	96.69	1.57		

NOTES

All dimensions are given in meters, unless otherwise shown
All stations and elevations are given in meters.



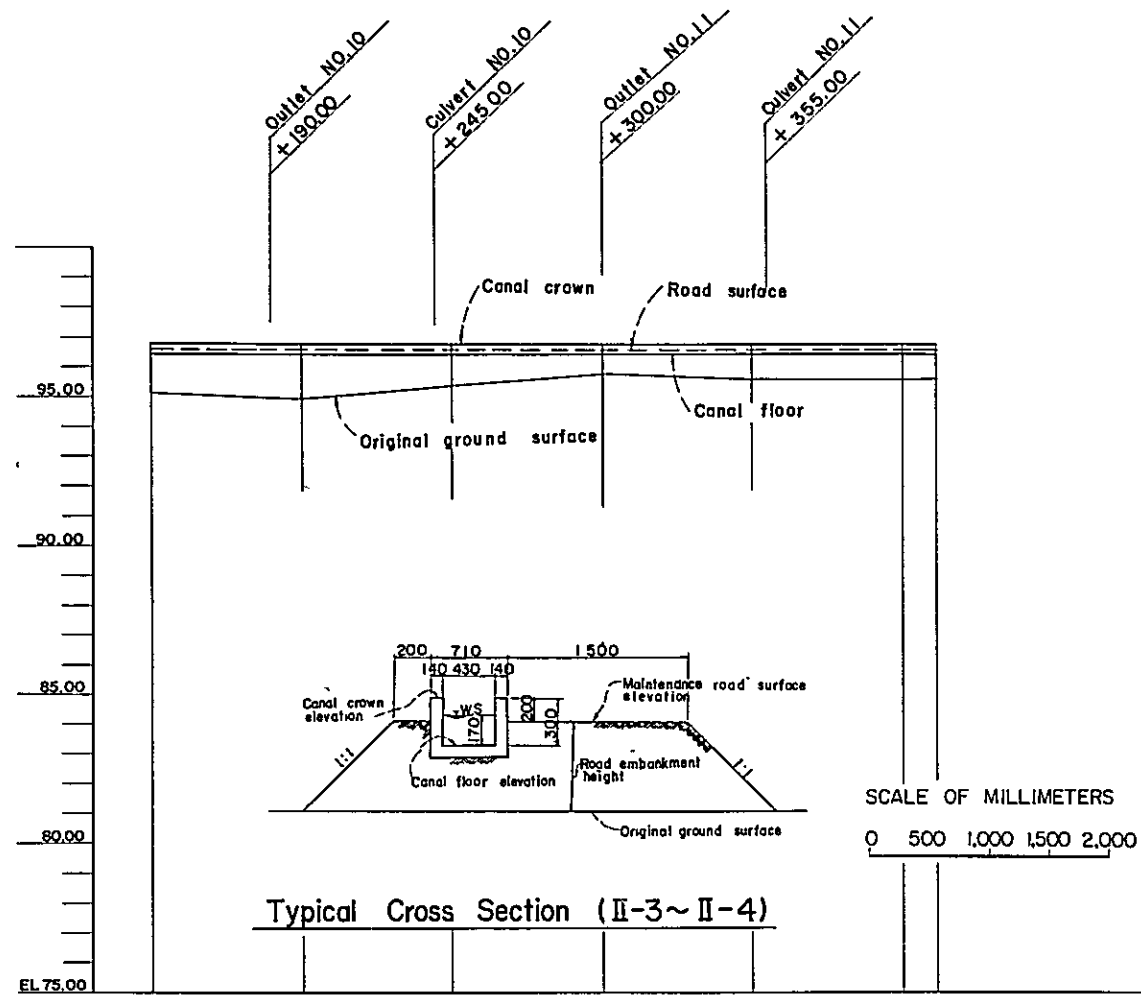
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REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL II
PROFILE (2)

DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO. DATE: JAN., 1972

PLAN. NO. A-5

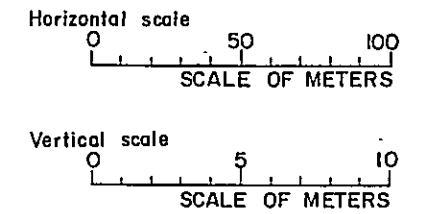


Typical Cross Section (II-3~II-4)

GRADE	1,000									
FLOW CAPACITY	Q = 30 $\frac{4}{s}$ (Max 45 $\frac{4}{s}$)									
ROAD EMBANKMENT HEIGHT	1.57	1.76	1.25	0.81	0.94	0.94	0.92			
ROAD SURFACE ELEV.	96.69	96.64	96.59	96.54	96.49	96.44	96.42			
CANAL CROWN ELEV.	96.69	96.64	96.79	96.74	96.69	96.64	96.62			
CANAL FLOOR ELEV.	96.59	96.54	96.49	96.44	96.39	96.34	96.32			
GROUND ELEV.	95.12	94.86	95.34	95.73	95.53	95.50	95.50			
ACCUM. DIST.	1,306.50	1,356.50	1,406.50	1,456.50	1,506.50	1,556.50	1,567.50			
DIST.	5000	5000	5000	5000	5000	5000	1100			
STA.	II-3 +150	+200	+250	+300	+350	+400	II-4 +400			

NOTES

All dimensions are given in meters, unless otherwise shown.
All stations and elevations are given in meters.



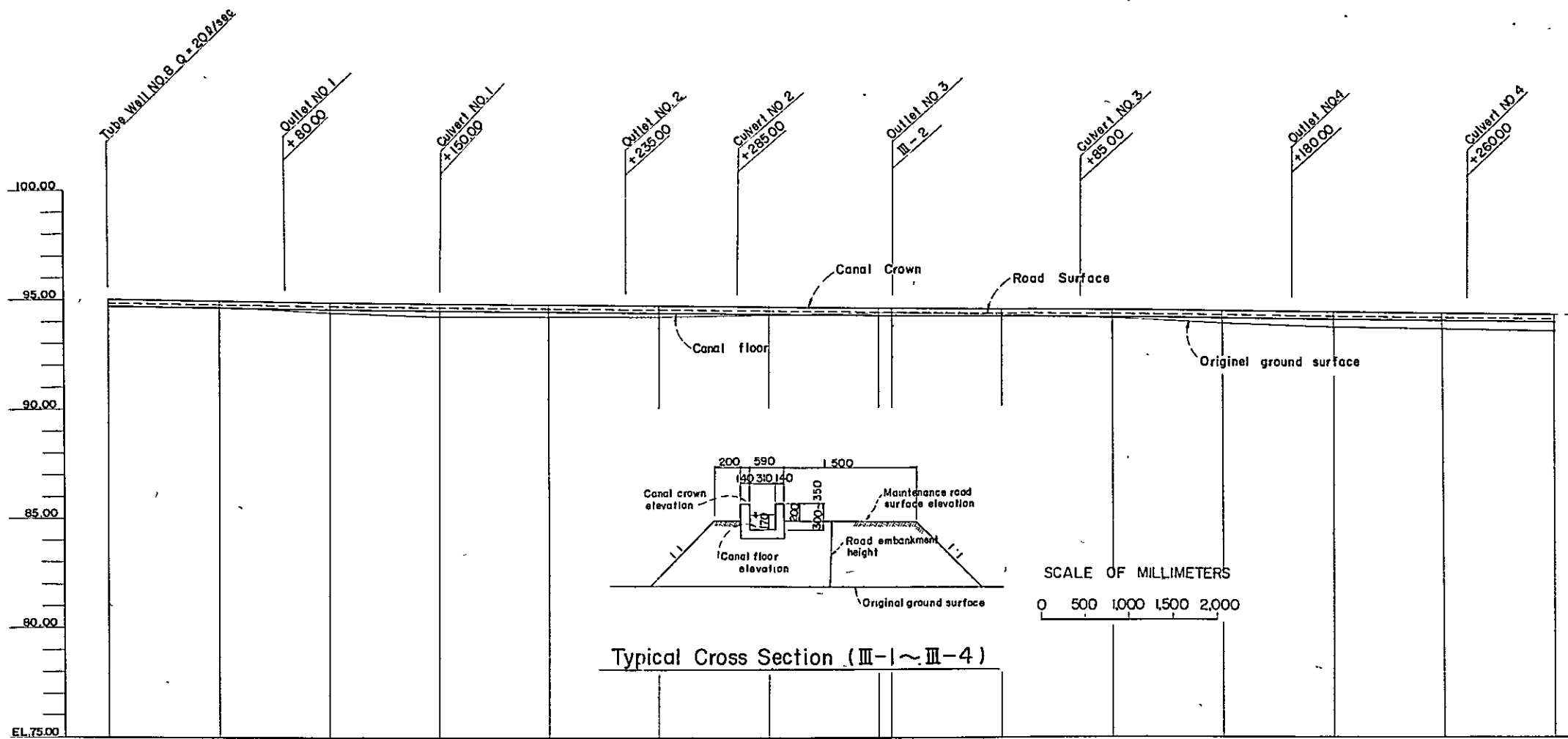
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REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL II
PROFILE (3)

DRAWN: _____ SUBMITTED: _____
CHECKED: _____ APPROVED: _____

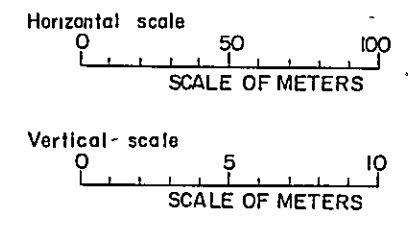
OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO. DATE: JAN, 1972

PLAN NO. A - 6



GRADE	1/1,000														
FLOW CAPACITY	Q = 20 l/sec (Max, 30 l/sec)														
ROAD EMBANK HEIGHT	0.10	0.05	0.25	0.40	0.37	0.29	0.17	0.02	0.01	0.05	0.16	0.36	0.46	0.56	
ROAD SURFACE ELEV.	94.80	94.75	94.70	94.65	94.60	94.55	94.50	94.45	94.44	94.39	94.34	94.29	94.24	94.16	
CANAL CROWN ELEV.	95.00	94.95	94.90	94.85	94.80	94.75	94.70	94.65	94.64	94.59	94.54	94.49	94.45	94.36	
CANAL FLOOR ELEV.	94.70	94.65	94.60	94.55	94.50	94.45	94.40	94.35	94.34	94.29	94.24	94.19	94.14	94.04	
GROUND ELEV.	94.70	94.70	94.45	94.25	94.23	94.26	94.33	94.43	94.43	94.34	94.18	93.93	93.76	93.60	
ACCUM. DIST.	0	50.00	100.00	150.00	200.00	250.00	300.00	350.00	355.70	405.70	455.70	505.70	555.70	605.70	655.70
DIST.	0	50.00	50.00	50.00	50.00	50.00	50.00	50.00	5.70	50.00	50.00	50.00	50.00	50.00	50.00
STA.	III-1	+50.00	+100.00	+150.00	+200.00	+250.00	+300.00	+350.00	III-2	+50.00	+100.00	+150.00	+200.00	+250.00	+300.00

NOTES
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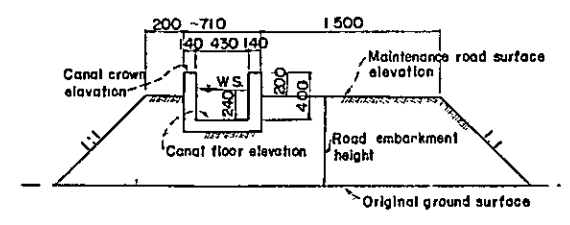
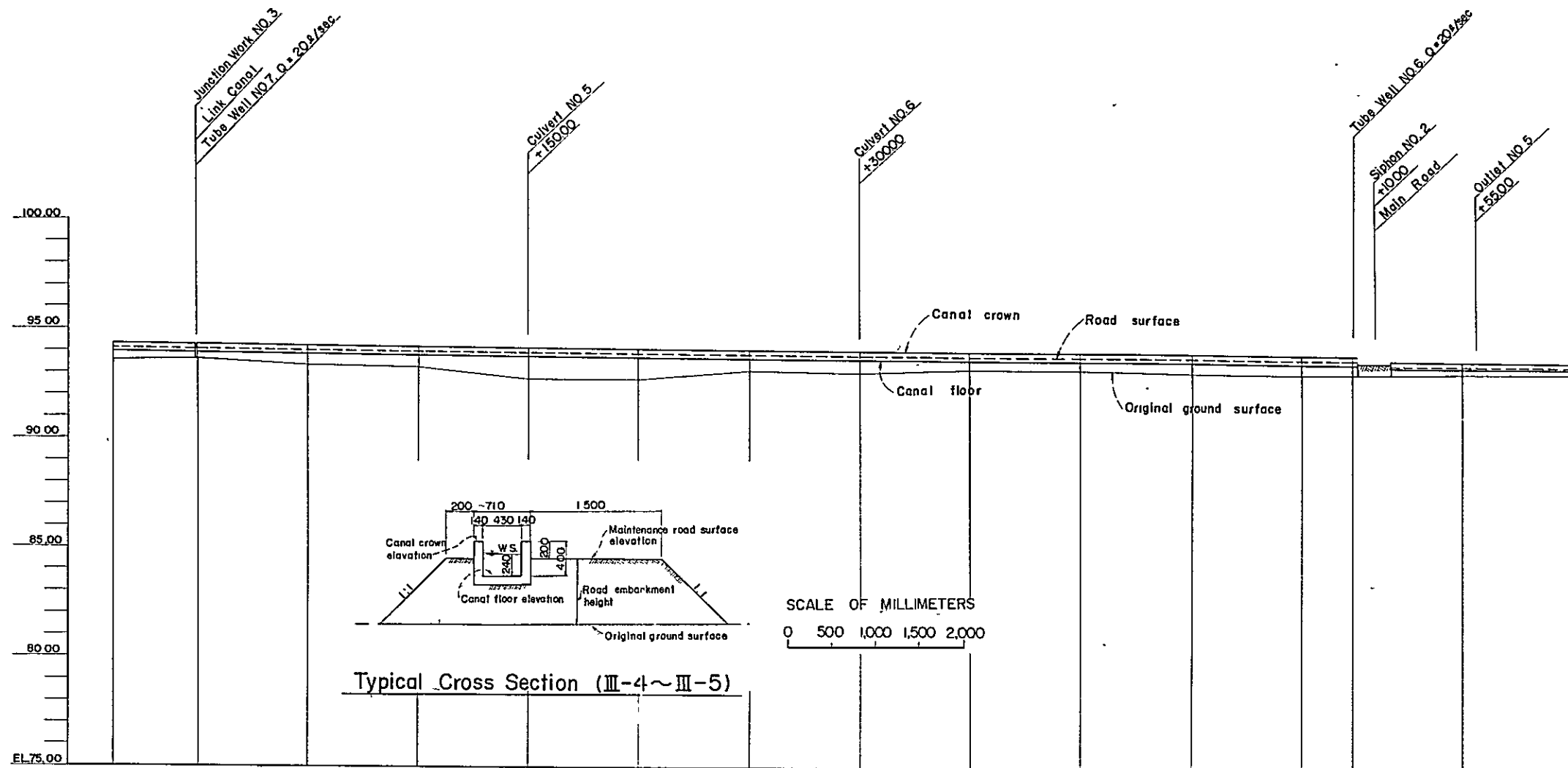
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL III
 PROFILE (I)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN., 1972

PLAN NO. A-7



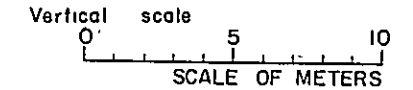
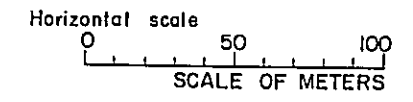
SCALE OF MILLIMETERS
0 500 1,000 1,500 2,000

Typical Cross Section (III-4 ~ III-5)

STA.	DI. ST.	ACCUM DI. ST.	GROUND ELEV.	CANAL FLOOR ELEV.	CANAL CROWN ELEV.	ROAD SURFACE ELEV.	ROAD EMBANKMENT HEIGHT	FLOW CAPACITY	GRADE
III-2 +300	50.00	65.70	93.60	94.04	94.36	94.16	0.56	Q = 20 l/sec (Max 30 l/sec)	1,000
III-4	38.30	69.00	93.66	94.01 93.56	94.35 94.36	94.16	0.50		
+50	50.00	74.00	93.38	93.91	94.31	94.11	0.73		
+100	50.00	79.00	93.29	93.86	94.26	94.06	0.77		
+150	50.00	84.00	92.78	93.81	94.21	94.01	1.23		
+200	50.00	89.00	92.73	93.76	94.16	93.96	1.23		
+250	50.00	94.00	93.12	93.71	94.11	93.91	0.79		
+300	50.00	99.00	93.01	93.66	94.06	93.86	0.65		
+350	50.00	1,04.00	93.17	93.61	94.01	93.81	0.64		
+400	50.00	1,09.00	93.14	93.56	93.96	93.76	0.62		
+450	50.00	1,14.00	93.03	93.51	93.91	93.71	0.68		
+500	50.00	1,19.00	92.97	93.46	93.86	93.66	0.69		
III-5 +230	22.90 2.50	1,216.90 1,259.40	92.98 92.98	93.43 93.43	93.83 93.83	93.63 93.63	0.65		Siphon
+1750	15.00		93.00	93.33	93.63	93.43	0.43		
+50	32.50	1,256.90	93.01	93.30	93.60	93.40	0.39		
+100	50.00	1,316.90	93.01	93.25	93.55	93.35	0.34		

NOTES

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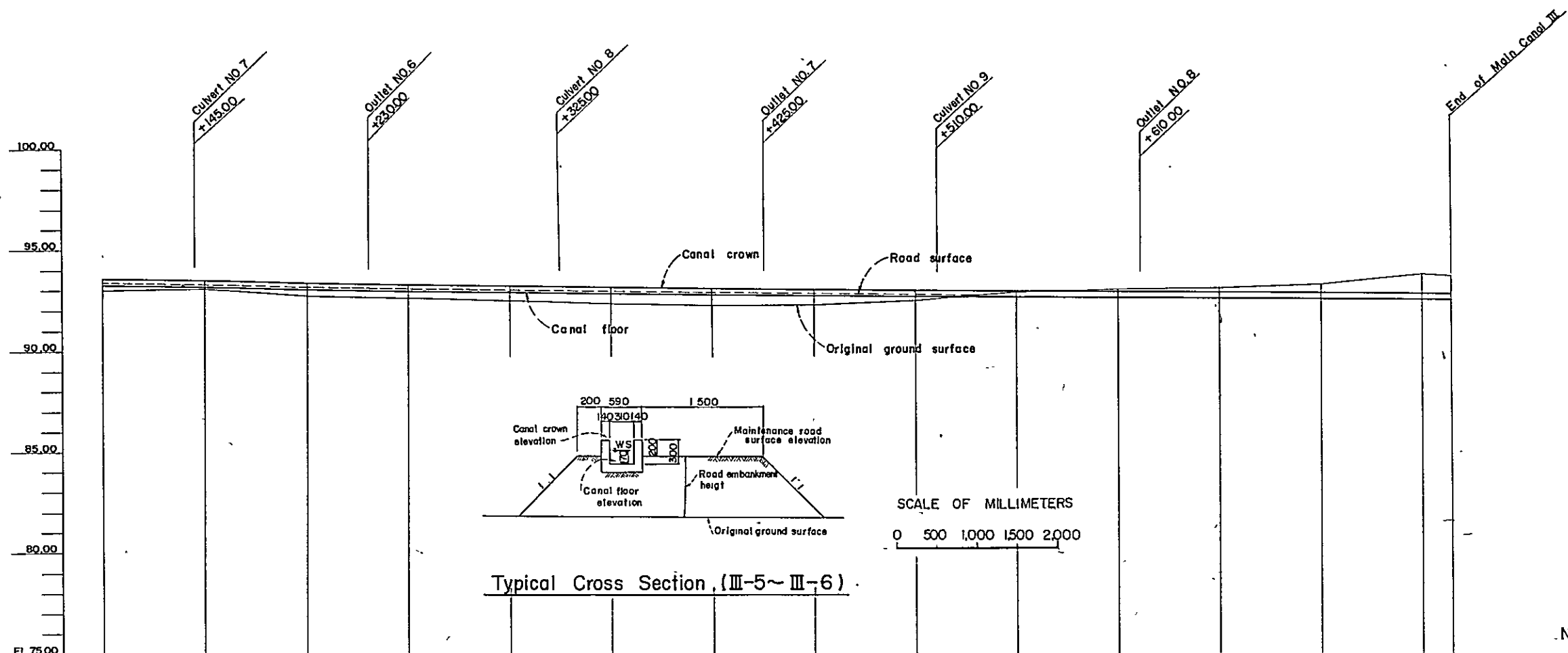
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL III
PROFILE (2)

DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO. DATE: JAN., 1972

PLAN: NO. A-8

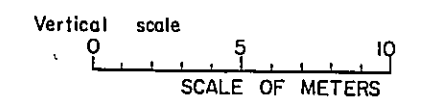
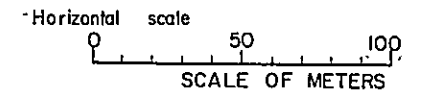


Typical Cross Section (III-5~III-6)

ST. A.	DIST.	ACCUM. DIST.	GROUND ELEV.	CANAL FLOOR ELEV.	CANAL CROWN ELEV.	ROAD SURFACE ELEV.	ROAD EMBANK HEIGHT	FLOW CAPACITY	GRADE
III-5 +100	50.00	1,316.90	93.01	93.25	93.55	93.35	0.34	Q = 20 m ³ /sec (Max. 30 m ³ /sec)	1:1,000
+150	50.00	1,366.90	93.13	93.20	93.30	0.10			
+200	50.00	1,416.90	92.85	93.15	93.25	0.40			
+250	50.00	1,466.90	92.77	93.10	93.20	0.43			
+300	50.00	1,516.90	92.69	93.05	93.15	0.49			
+350	50.00	1,566.90	92.56	93.00	93.10	0.54			
+400	50.00	1,616.90	92.44	92.95	93.05	0.61			
+450	50.00	1,666.90	92.47	92.90	93.00	0.53			
+500	50.00	1,716.90	92.63	92.85	92.95	0.32			
+550	50.00	1,766.90	93.04	92.80	93.10	0.06			
+600	50.00	1,816.90	93.17	92.75	93.05	0.12			
+650	50.00	1,866.90	93.21	92.70	93.00	0.21			
+700	50.00	1,916.90	93.35	92.65	92.95	0.40			
+750	50.00	1,966.90	93.82	92.60	92.90	0.92			
III-6 +800	14.00	1,980.90	93.74	92.59	92.89	0.85			

NOTES

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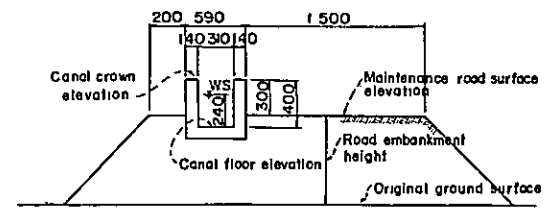
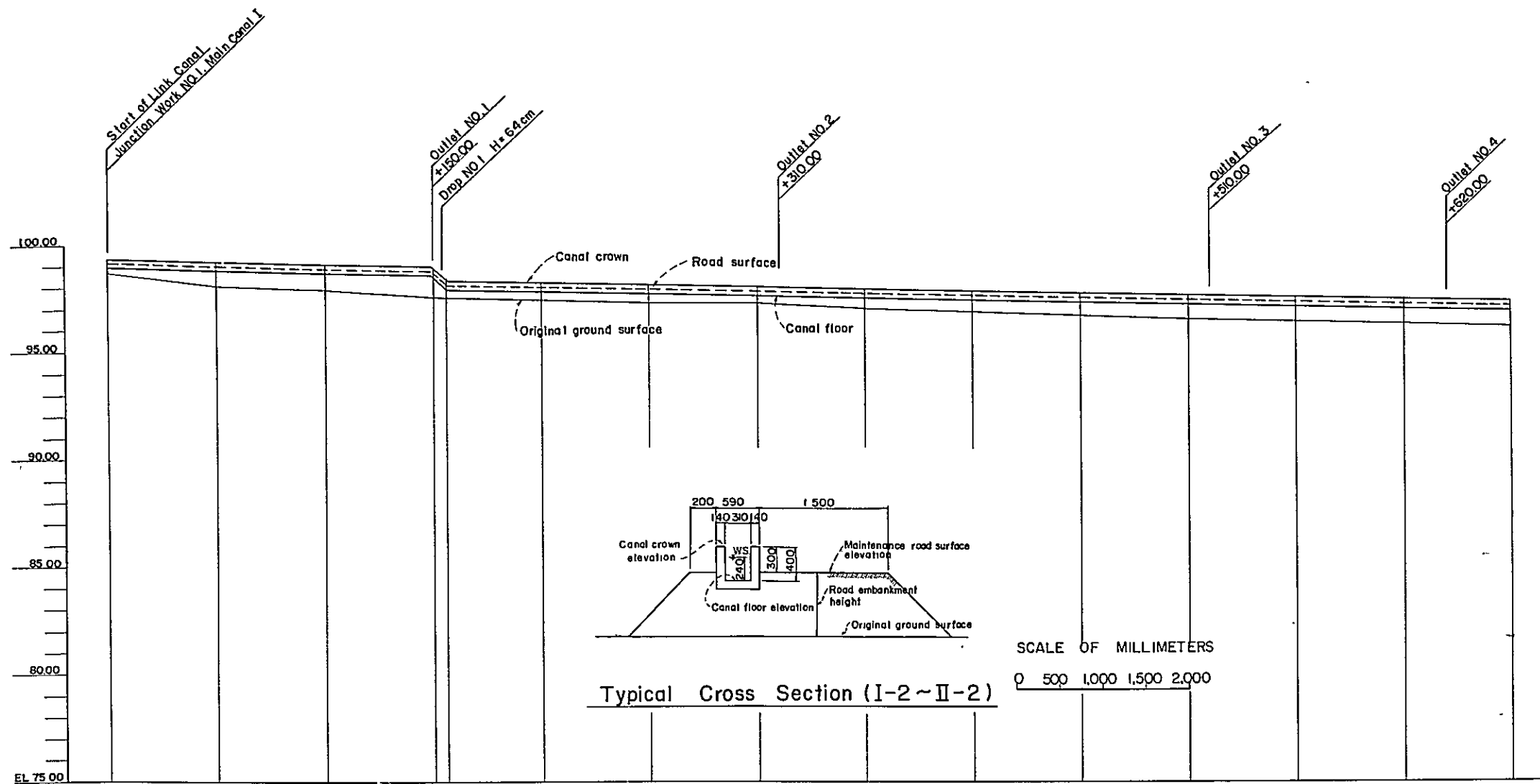


NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
MAIN CANAL III
PROFILE (3)

DRAWN: _____ SUBMITTED: _____
CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO, DATE: JAN., 1972 PLAN NO. A-9



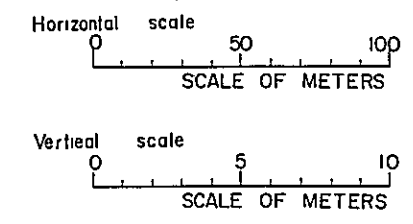
SCALE OF MILLIMETERS
0 500 1,000 1,500 2,000

Typical Cross Section (I-2 ~ II-2)

STA	DIST.	ACCUM. DIST.	GROUND ELEV.	CANAL FLOOR ELEV.	CANAL CROWN ELEV.	ROAD SURFACE ELEV.	ROAD EMBANKMENT HEIGHT	FLOW CAPACITY	GRADE
I-2	0	0	98.79	95.00	99.40	99.20	0.41	Q = 45 l/s (Max 69 l/s)	1/500
+50	50.00	50.00	98.18	98.50	99.30	99.10	0.92		
+100	50.00	100.00	98.01	98.80	99.20	99.00	0.99		
+150	50.00	150.00	97.66	98.70	99.10	98.90	1.22		
+156.5	6.50	156.50	97.68	98.08	98.46	98.26	0.58		
+200	43.50	200.00	97.52	97.97	98.37	98.17	0.65		
+250	50.00	250.00	97.37	97.87	98.27	98.07	0.70		
+300	50.00	300.00	97.31	97.77	98.17	97.97	0.66		
+350	50.00	350.00	97.05	97.67	98.07	97.87	0.82		
+400	50.00	400.00	96.91	97.57	97.97	97.77	0.86		
+450	50.00	450.00	96.76	97.47	97.87	97.67	0.91		
+500	50.00	500.00	96.60	97.37	97.77	97.57	0.97		
+550	50.00	550.00	96.49	97.27	97.67	97.47	0.98		
+600	50.00	600.00	96.39	97.17	97.57	97.37	0.98		
+650	50.00	650.00	96.23	97.07	97.47	97.27	1.04		

NOTES

All dimensions are given in meters, unless otherwise shown
All stations and elevations are given in meters

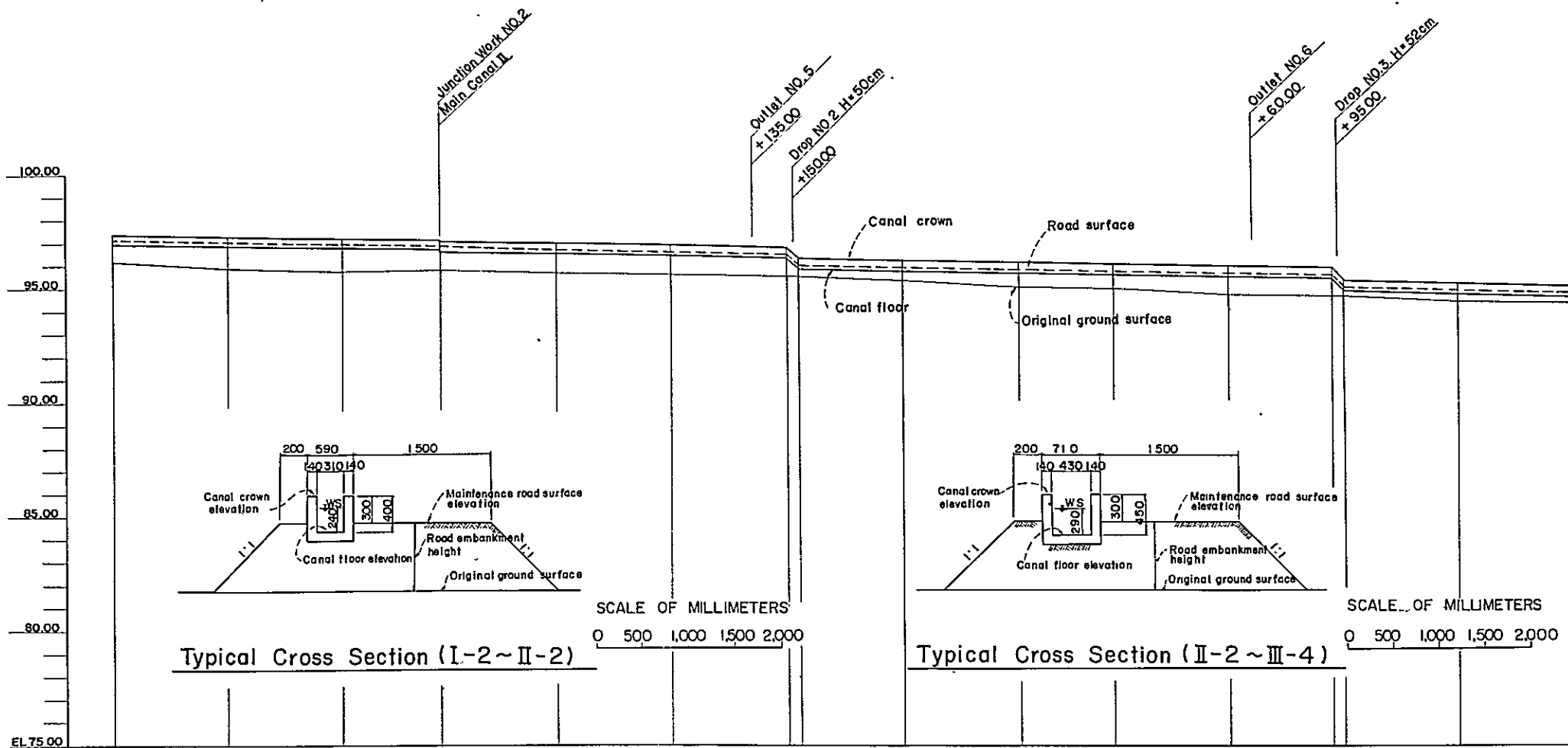


NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
LINK CANAL
PROFILE (1)

DRAWN: _____ SUBMITTED: _____
CHECKED: _____ APPROVED: _____

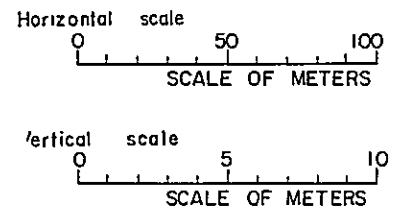
OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO. DATE: JAN, 1972 PLAN. NO. A-10



GRADE	1/500										1/500									
FLOW CAPACITY	Q = 45 l/s (Max. 69 l/s)										Q = 93 l/s (Max. 141 l/s)									
ROAD EMBANKMENT HEIGHT	1.04	1.19	1.26	1.08	0.96	1.00	0.98	0.98	0.57	0.75	0.71	0.90	0.87	0.36	0.47	0.44				
ROAD SURFACE ELEV.	97.27	97.17	97.07	96.97	96.72	96.62	96.52	96.02	95.93	95.83	95.73	95.63	95.53	95.02	94.92	94.82				
CANAL CROWN ELEV.	97.47	97.37	97.27	97.17	97.02	96.92	96.82	96.32	96.23	96.13	96.03	95.93	95.84	95.32	95.22	95.12				
CANAL FLOOR ELEV.	97.07	96.97	96.87	96.77	96.57	96.47	96.37	95.87	95.78	95.68	95.58	95.48	95.39	94.87	94.77	94.67				
GROUND ELEV.	96.23	95.98	95.81	95.89	95.76	95.62	95.54	95.34	95.36	95.08	95.02	94.73	94.66	94.66	94.45	94.38				
ACCUM. DIST.	650.00	700.00	750.00	792.60	842.60	892.60	942.60	992.60	1042.60	1092.60	1142.60	1192.60	1242.60	1292.60	1342.60	1392.60				
DIST	50.00	50.00	50.00	42.60	50.00	50.00	50.00	50.00	45.00	50.00	41.20	50.00	45.00	50.00	50.00	50.00				
STA	1+650	+700	+750	II-2	+800	+850	+900	+950	+1000	+1050	A-1	+1100	+1150	+1200	+1250	+1300				

NOTES

All dimensions are given in meters, unless otherwise shown.
All stations and elevations are given in meters.



NEPAL

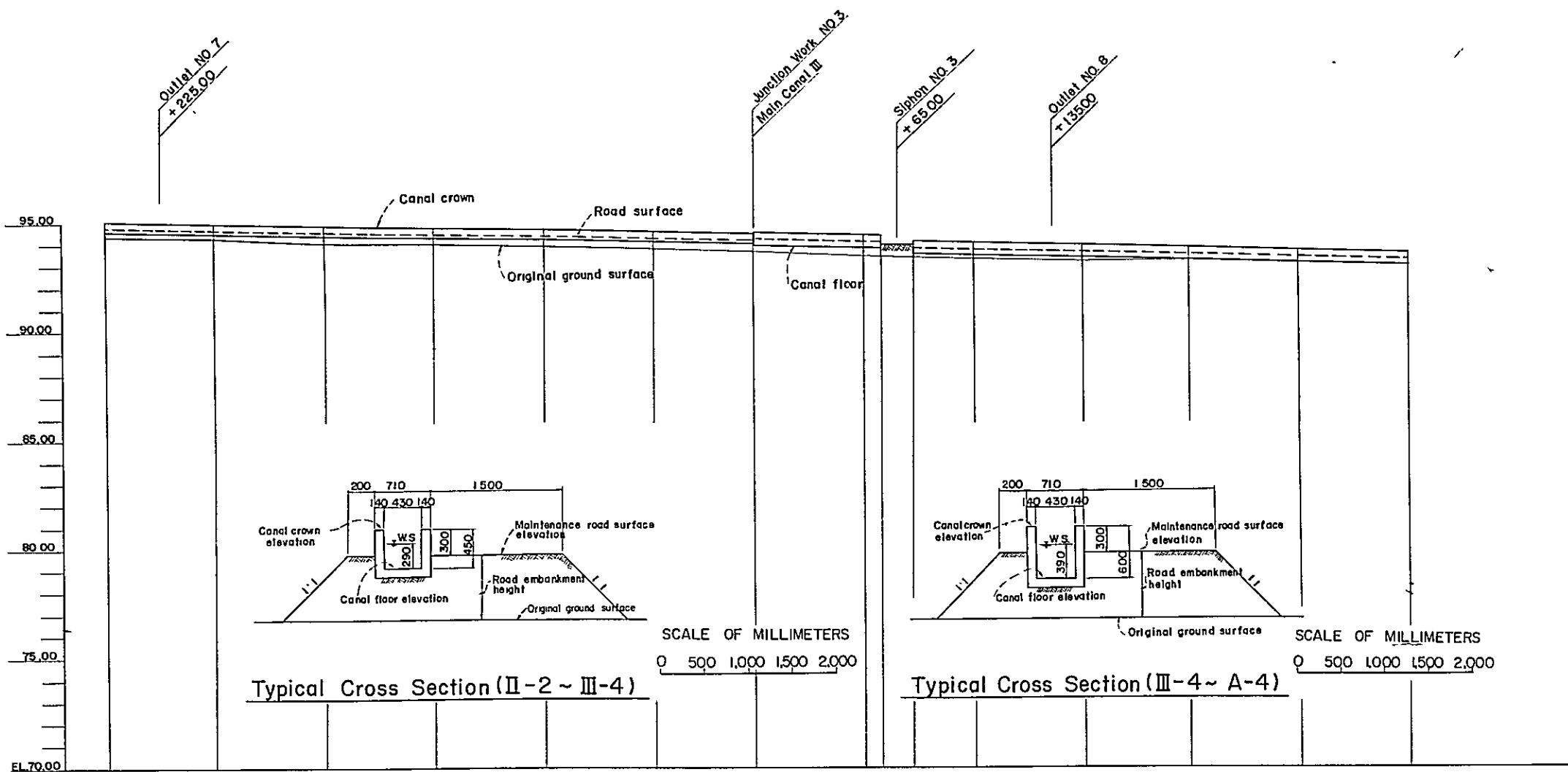
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT

LINK CANAL

PROFILE (2)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

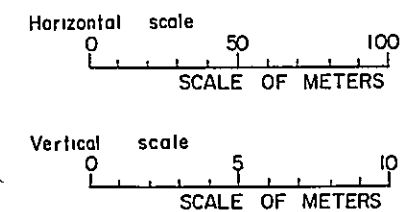
OVERSEAS TECHNICAL COOPERATION AGENCY TOKYO. DATE: JAN, 1972 PLAN: NO. A-11



GRADE	1/500															1/500														
FLOW CAPACITY	Q = 93 l/s (Max. 141 l/s)															Q = 133 l/s (Max. 201 l/s)														
ROAD EMBANKMENT HEIGHT	0.44		0.38		0.54		0.47		0.54		0.53		0.62		0.75	0.73	0.45		0.50		0.52		0.35		0.39		0.39			
ROAD SURFACE ELEV.	94.82		94.72		94.62		94.52		94.42		94.32		94.28		94.18	94.16	93.86		93.81		93.71		93.61		93.51		93.41			
CANAL CROWN ELEV.	95.12		95.02		94.92		94.82		94.72		94.62		94.58		94.48	94.46	94.16		94.11		94.01		93.91		93.81		93.71			
CANAL FLOOR ELEV.	94.67		94.57		94.47		94.37		94.27		94.17		94.08	93.98	93.88	93.86	93.56		93.51		93.41		93.31		93.21		93.11			
GROUND ELEV.	94.38		94.34		94.08		94.05		93.88		93.79		93.66	93.58	93.43	93.43	93.40		93.31		93.19		93.26		93.12		93.02			
ACCUM. DIST.	1,263.90		1,333.90		1,383.90		1,433.90		1,483.90		1,533.90		1,578.90		1,628.90	1,678.90	1,728.90		1,778.90		1,828.90		1,878.90		1,928.90		1,978.90			
DIST.	50.00		50.00		50.00		50.00		50.00		50.00		45.00		50.00	7.50	15.00		27.50		50.00		47.50		50.00		50.00			
STA	A-1 +200		+250		+300		+350		+400		+450		II-4		+50	+57.5	+225		+100		+150		A-2		+50		+100			

NOTES

All dimensions are given in meters, unless otherwise shown.
All stations and elevations are given in meters



NEPAL

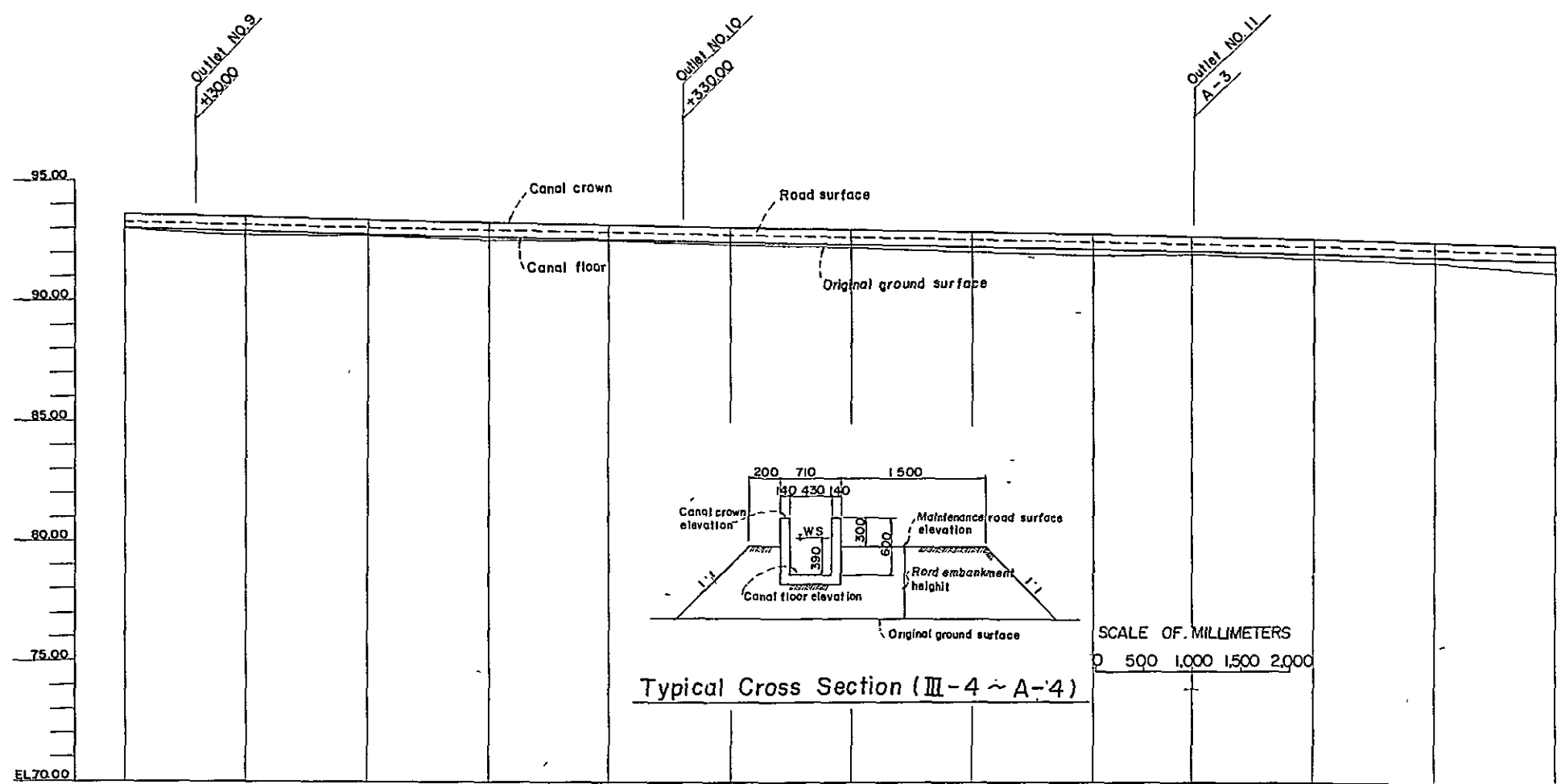
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT

LINK CANAL PROFILE (3)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN, 1972

PLAN NO A-12



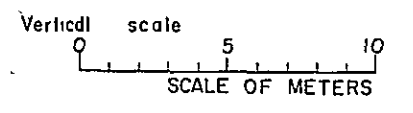
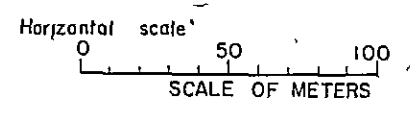
Typical Cross Section (III-4 ~ A-4)

SCALE OF MILLIMETERS
0 500 1,000 1,500 2,000

STA.	DIST.	ACQUIR. DIST.	GROUND ELEV.	CANAL FLOOR ELEV.	CANAL CROWN ELEV.	ROAD SURFACE ELEV.	ROAD EMBANK HEIGHT	FLOW CAPACITY	GRADE
A-2 +100	50.00	1.87680	93.02	93.11	93.71	93.41	0.39	Q = 133 l/s (Max. 201 l/s)	500
+150	50.00	1.92680	92.79	93.01	93.61	93.31	0.52		
+200	50.00	1.97680	92.78	92.91	93.51	93.21	0.43		
+250	50.00	2.02680	92.59	92.81	93.41	93.11	0.52		
+300	50.00	2.07680	92.54	92.71	93.31	93.01	0.47		
+350	50.00	2.12680	92.38	92.61	93.21	92.91	0.53		
+400	50.00	2.17680	92.27	92.51	93.11	92.81	0.54		
+450	50.00	2.22680	92.07	92.41	93.01	92.71	0.64		
+500	50.00	2.27680	91.91	92.31	92.91	92.61	0.70		
A-3 +50	40.90	2.31770	91.99	92.23	92.83	92.53	0.55		
+100	50.00	2.36770	91.79	92.13	92.73	92.43	0.64		
+150	50.00	2.41770	91.67	92.03	92.63	92.33	0.66		
+200	50.00	2.46770	91.28	91.93	92.53	92.23	0.94		

NOTES

All dimensions are given in meters, unless otherwise shown.
All stations and elevations are given in meters.

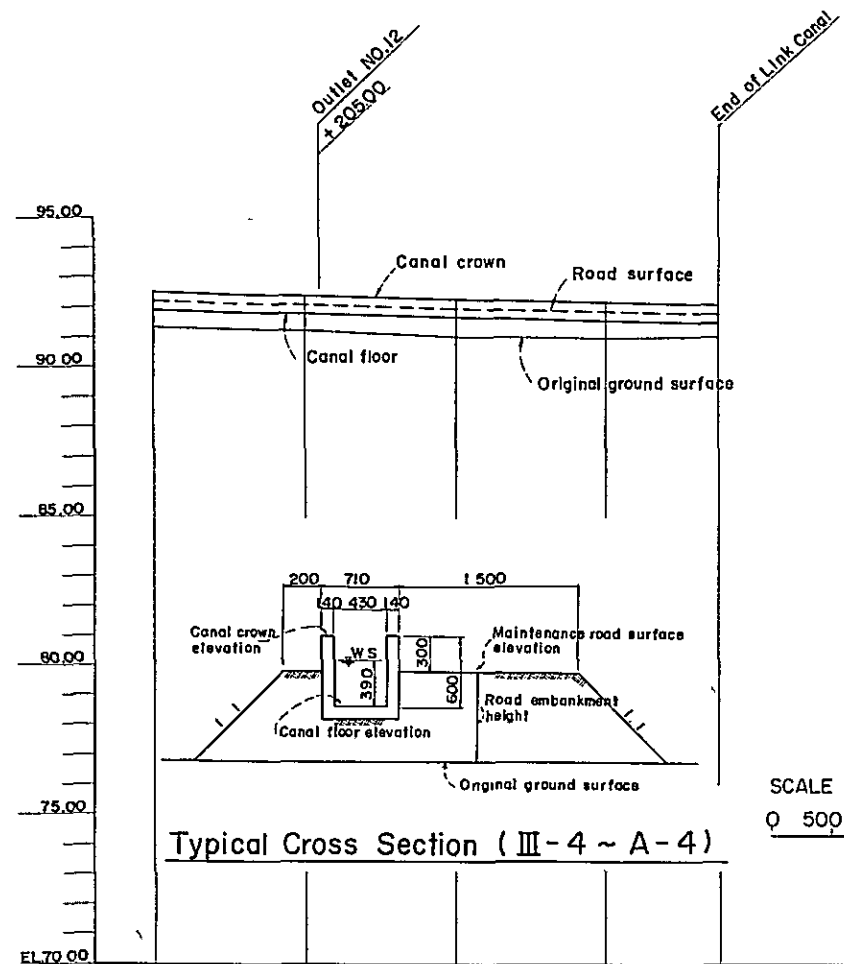


NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
LINK CANAL
PROFILE (4)

DRAWN: _____ SUBMITTED: _____
CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO DATE: JAN, 1972 PLAN: NO A-13



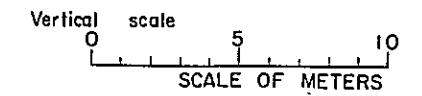
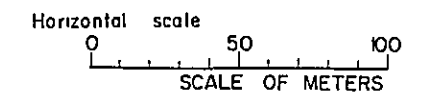
SCALE OF MILLIMETERS
 0 500 1,000 1,500 2,000

Typical Cross Section (III - 4 ~ A - 4)

GRADE	500				
FLOW CAPACITY	Q = 133 l/s (Max, 201 l/s)				
ROAD EMBANK HEIGHT	0.94	0.89	0.96	0.93	0.78
ROAD SURFACE ELEV.	92.23	92.13	92.03	91.93	91.86
CANAL CROWN ELEV.	92.53	92.43	92.33	92.23	92.16
CANAL FLOOR ELEV.	91.93	91.83	91.73	91.63	91.56
GROUND ELEV.	91.25	91.24	91.07	91.00	91.08
ACCUM. DIST.	2.46770	2.51770	2.56770	2.61770	2.66480
DIST	50.00	50.00	50.00	50.00	37.10
STA	A-3 +150	+200	+250	+300	A-4

NOTES

All dimensions are given in meters, unless otherwise shown
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NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
LINK CANAL
 PROFILE (5)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO DATE: JAN, 1972

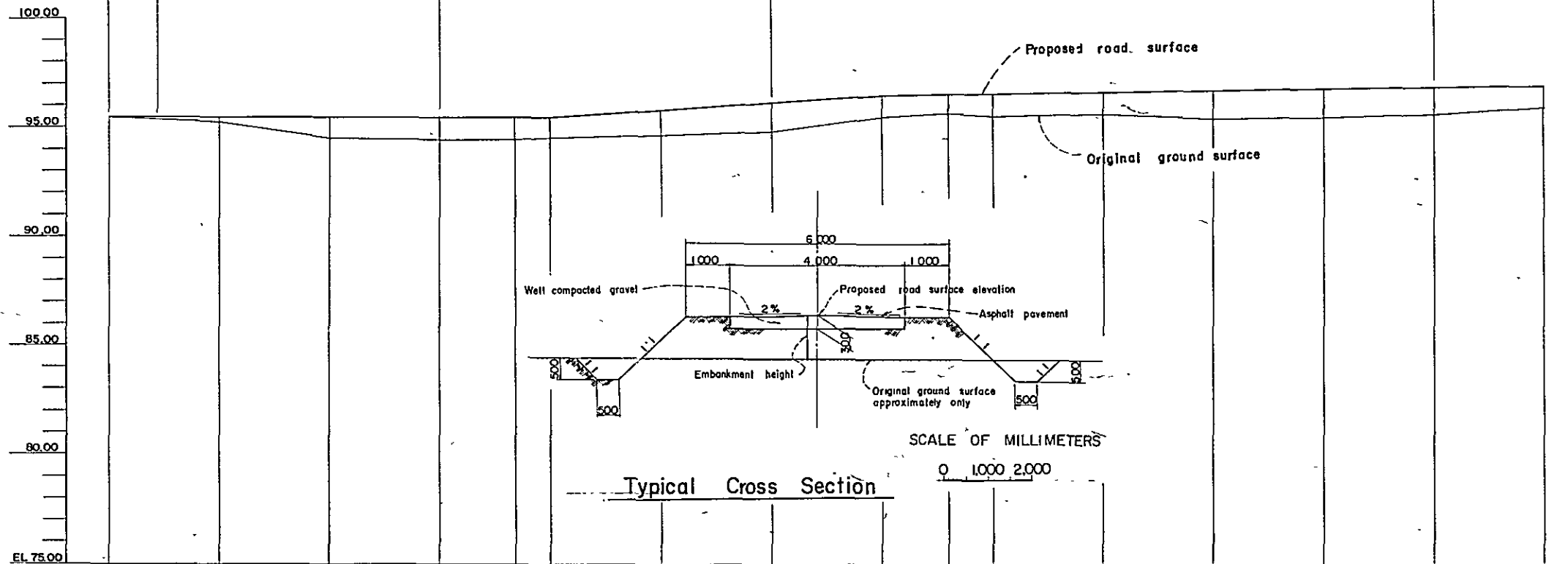
PLAN NO. A-14

Start of Proposed Connecting Road
Jankovic-Mahendras Nepal Highway
Bridge No. 1 Span 6.60m width 4.00m
R-1 + 22.00m (L)

Culvert NO. 1
R-1 + 150.00m

Culvert NO. 2
R-2 + 116.00m

Culvert NO. 3
R-4



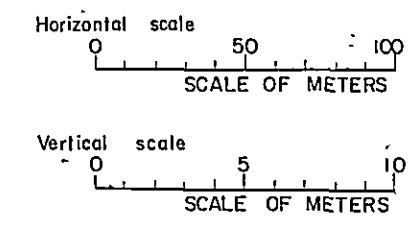
Typical Cross Section

SCALE OF MILLIMETERS
0 1,000 2,000

GRADE	Level															0.67%		0.15%	
EMBANK HEIGHT	0.00	0.22	0.96	1.01	1.03	0.92	1.13	1.31	1.00	0.87	1.04	0.99	1.29	1.28	1.22	1.00			
ROAD SURFACE ELEV.	95.53	95.53	95.53	95.53	95.53	95.53	95.86	96.20	96.53	96.57	96.61	96.68	96.76	96.83	96.91	96.98			
GROUND ELEV.	95.53	95.31	94.57	94.52	94.50	94.61	94.73	94.89	95.53	95.70	95.57	95.69	95.47	95.55	95.69	95.98			
ACCUM. DIST.	0	50.00	100.00	150.00	184.00	200.00	250.00	300.00	350.00	379.50	400.00	450.00	500.00	550.00	600.00	650.00			
DIST.	0	50.00	50.00	50.00	34.00	16.00	50.00	50.00	50.00	29.50	20.50	50.00	50.00	50.00	50.00	50.00			
STA.	R-1	+ 50	+ 100	+ 150	R-2	+ 200	+ 250	+ 300	+ 350	R-3	+ 400	+ 450	+ 500	+ 550	R-4	+ 650			

NOTES

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All stations and elevations are given in meters.



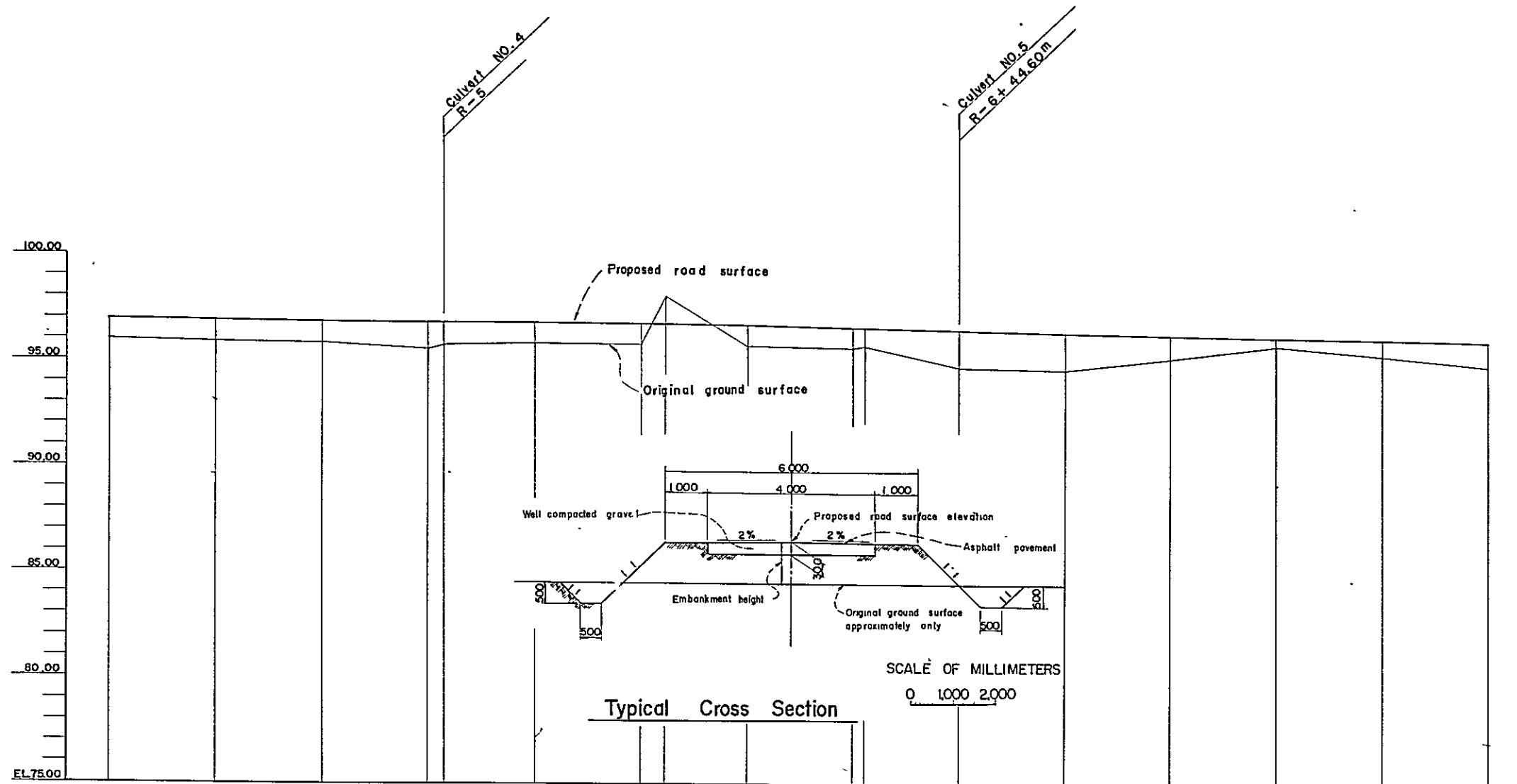
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
CONNECTING ROAD PROFILE (1)

DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO, DATE: JAN, 1972

PLAN NGA-15

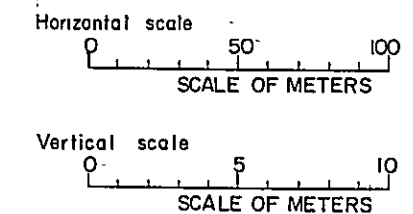


Typical Cross Section

GRADE	0.11 %		0.23 %													
EMBAK. HEIGHT	1.00	0.99	1.00	1.23	1.10	0.99	0.96	1.00	1.00	0.84	1.78	1.77	1.07	0.39	0.75	1.13
ROAD SURFACE ELEV.	96.98	96.93	96.87	96.82	96.81	96.76	96.71	96.65	96.54	96.52	96.42	96.31	96.19	96.08	95.96	95.85
GROUND ELEV.	95.98	95.94	95.87	95.59	95.71	95.77	95.75	95.65	95.54	95.68	94.64	94.54	95.12	95.69	96.21	94.72
ACCUM. DIST.	50.00	70.00	75.00	80.00	87.50	88.00	90.00	91.50	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00
DIST.	50.00	50.00	50.00	50.00	7.50	42.50	50.00	38.50	50.00	5.40	44.60	50.00	50.00	50.00	50.00	50.00
STA	R-4 + 650	+ 700	+ 750	+ 800 R-5	+ 850	+ 900	RIP-1 + 911.50	+ 950	+1000 R-6	+1050	+1100	+1150	R-7	+1250	+1300	

NOTES

All dimensions are given in meters, unless otherwise shown
 All stations and elevations are given in meters

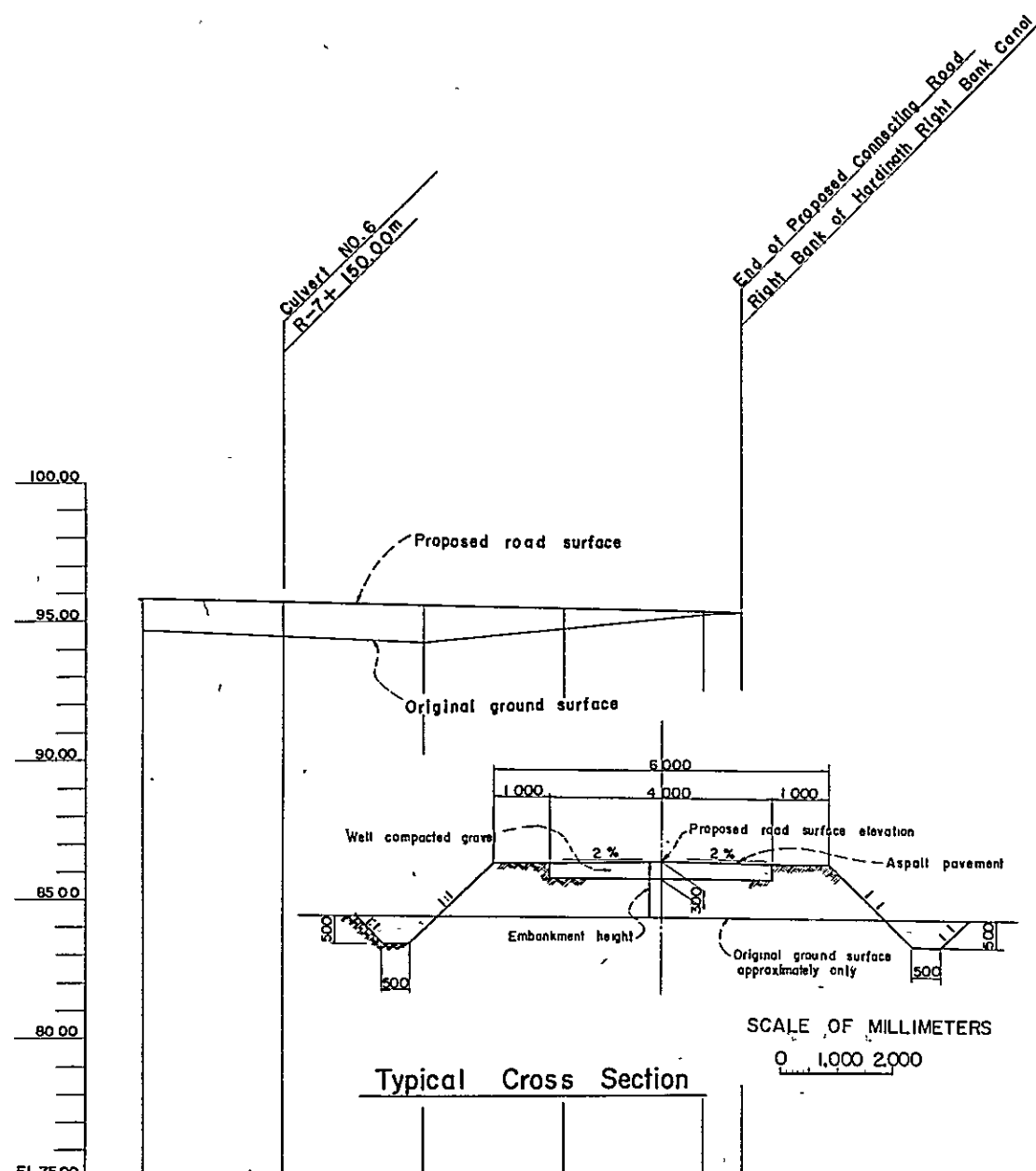


NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
CONNECTING ROAD PROFILE (2)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY TOKYO. DATE: JAN., 1972 PLAN: NO A-16

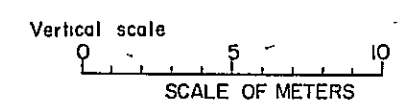
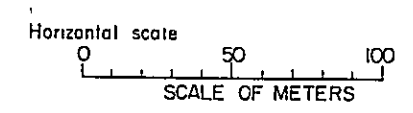


Typical Cross Section

ST. A.	DIST.	ACCUM. DIST.	GROUND ELEV.	ROAD SURFACE ELEV.	EMBANK. HEIGHT	GRADE
R-7	50.00	1300.00	94.72	95.85	1.13	0.23%
+1.350	50.00	1350.00	94.50	95.73	1.23	
R-8	50.00	1400.00	94.28	95.62	1.34	
+1.450	50.00	1450.00	94.80	95.50	0.70	
+1.500	50.00	1500.00	96.32	95.39	0.07	
E.P.	13.70	1513.70	96.35	95.35	0	

NOTES

All dimensions are given in meters, unless otherwise shown
 All stations and elevations are given in meters



NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
**CONNECTING ROAD
 PROFILE (3)**

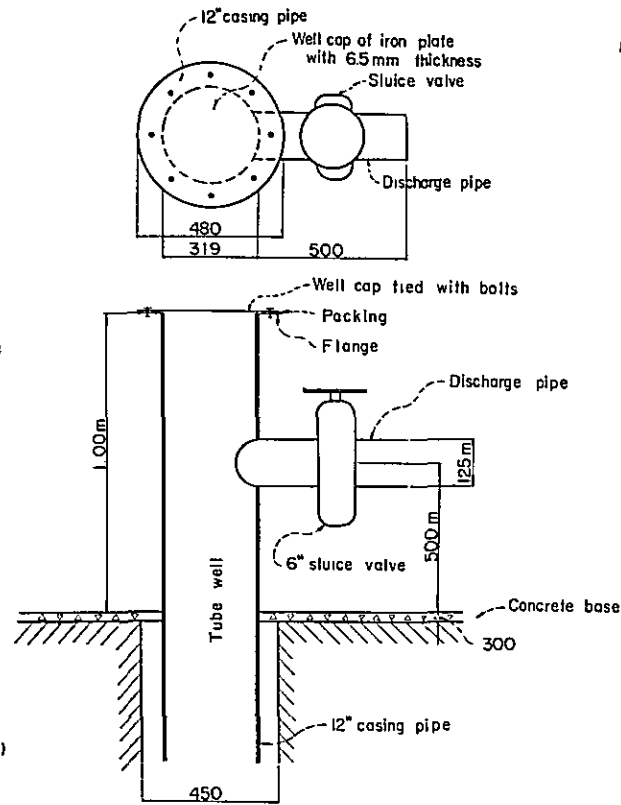
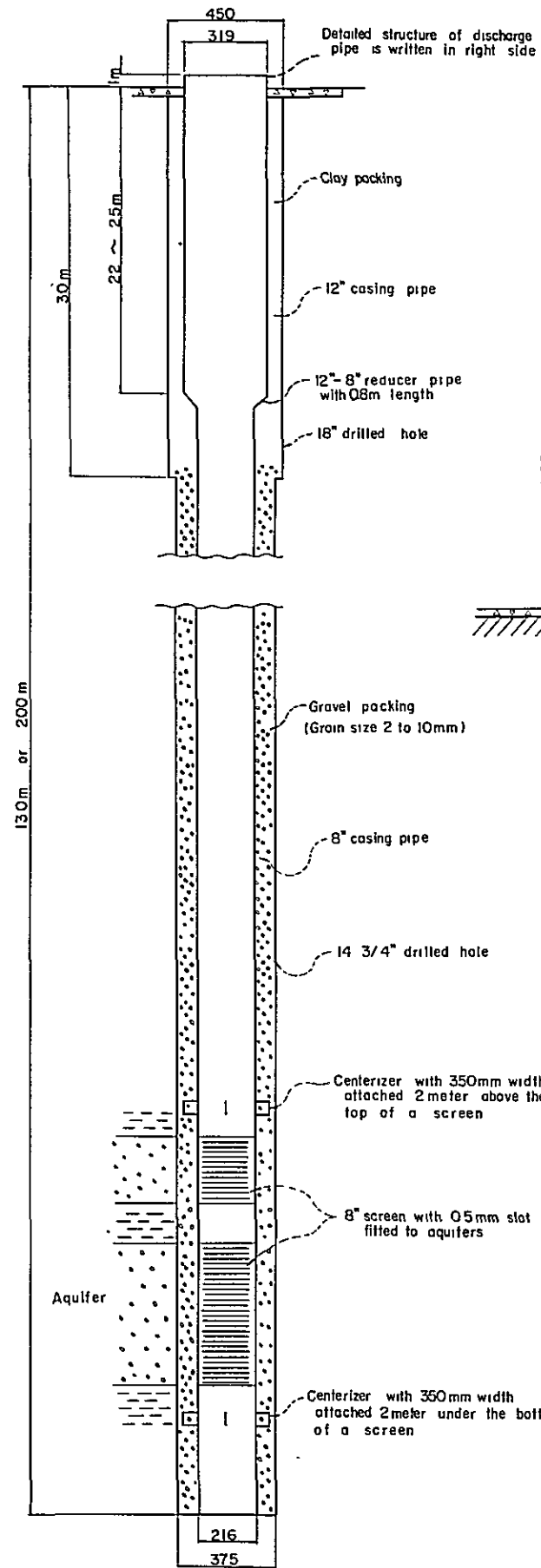
DRAWN: SUBMITTED:
 CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN, 1972 PLAN NO. A-17

STANDARD WELL DESIGN

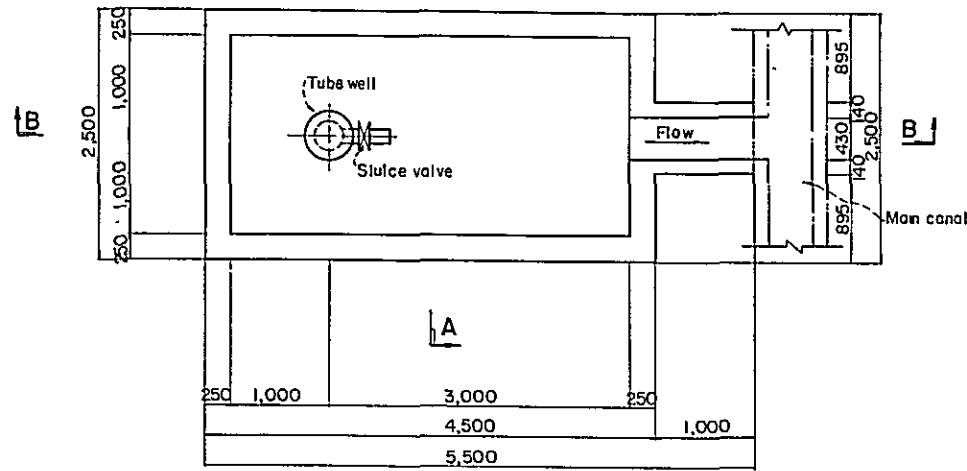
TUBE WELL

STRUCTURE OF DISCHARGE PIPE

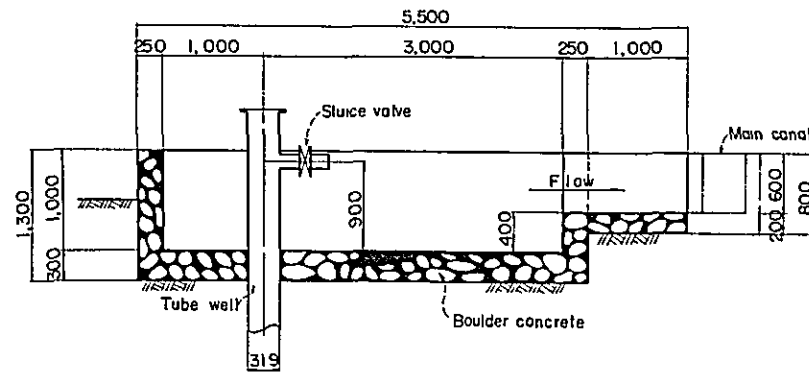


SCALE OF MILLIMETERS
0 500 1,000

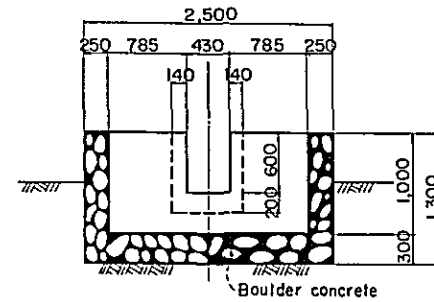
PLAN



SECTION B-B



SECTION A-A



SCALE OF MILLIMETERS
0 1,000 2,000

NOTES

- All dimensions are given in millimeters, unless otherwise shown.
- Base of concrete structure to be placed on undisturbed natural foundation or thoroughly compacted fill.

NEPAL

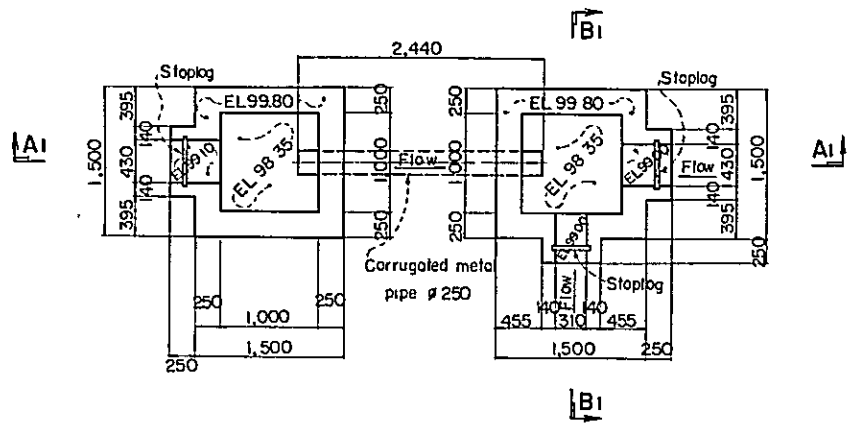
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
TUBE WELL STRUCTURE
PLAN and SECTIONS

DRAWN: SUBMITTED:
CHECKED: APPROVED:

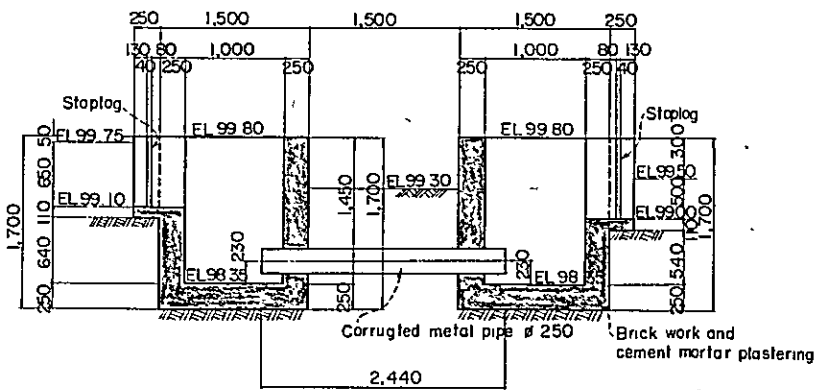
OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO, DATE: JAN, 1972 PLAN NO. A-18

JUNCTION WORK NO. 1

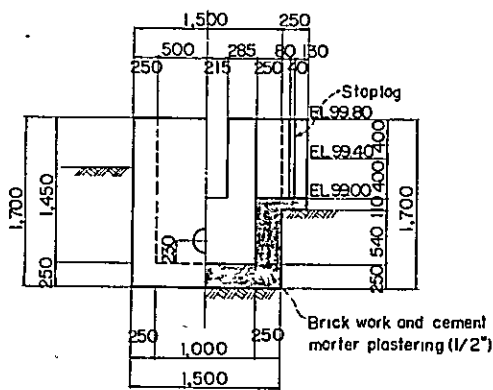
PLAN



SECTION A1-A1

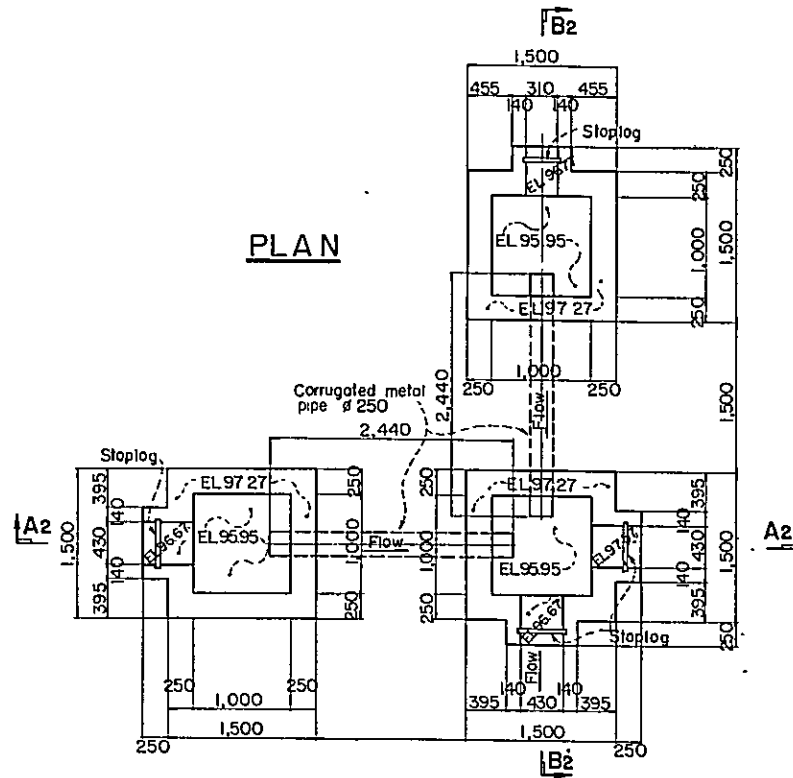


SECTION B1-B1

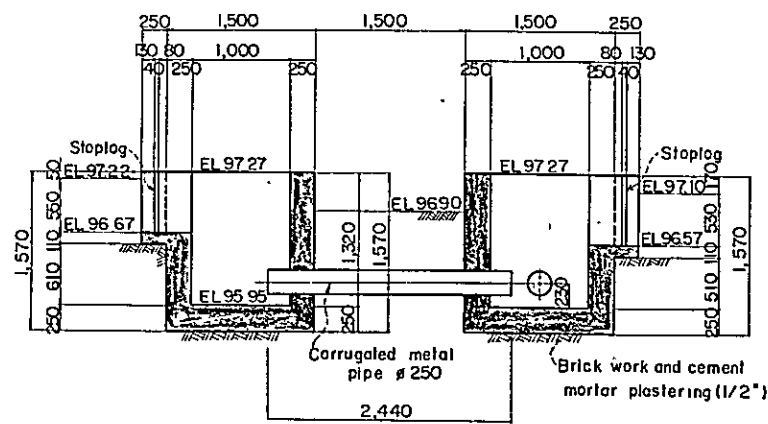


JUNCTION WORK NO. 2

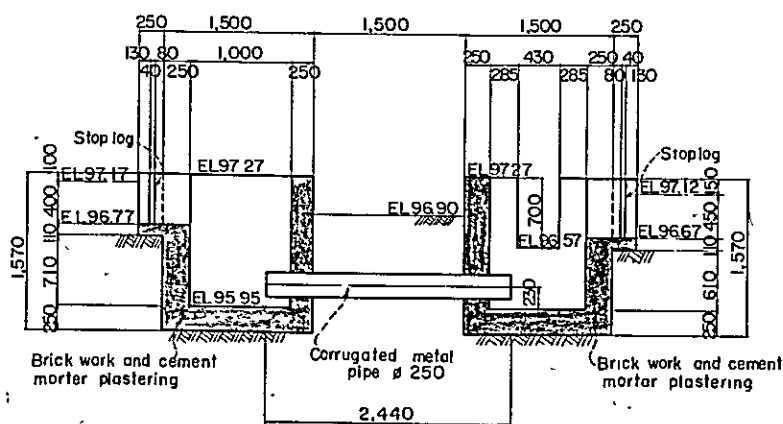
PLAN



SECTION A2-A2

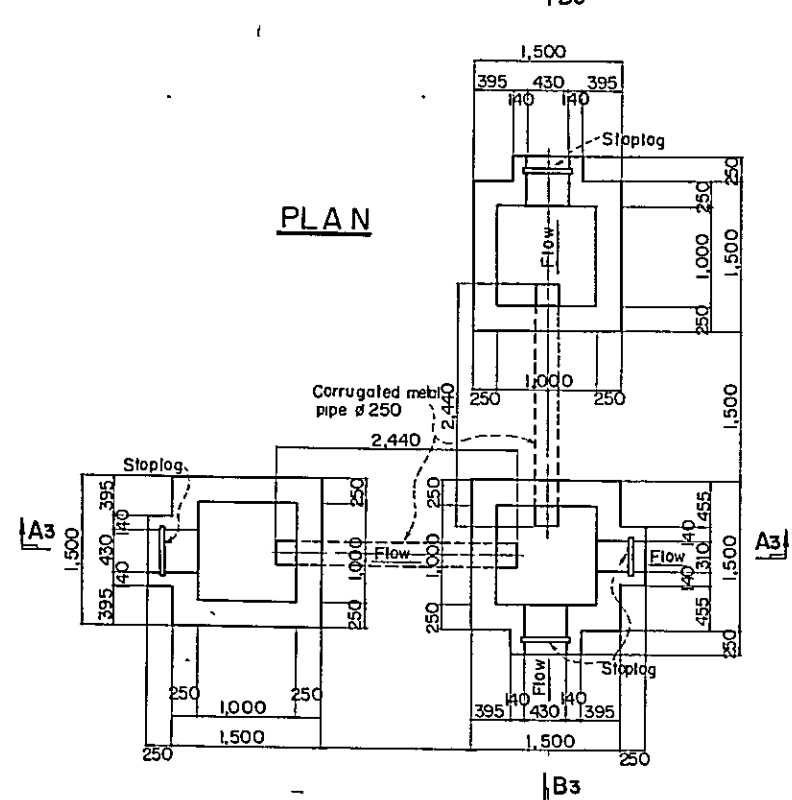


SECTION B2-B2

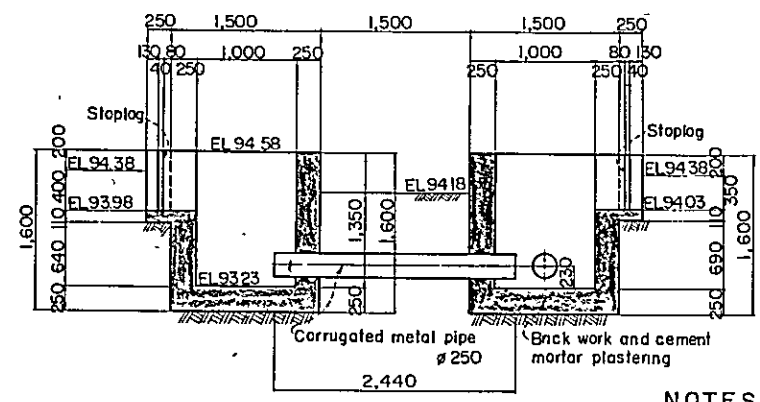


JUNCTION WORK NO. 3

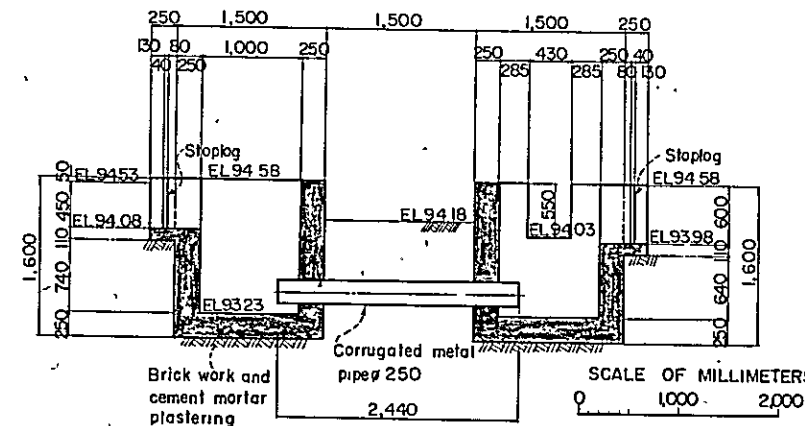
PLAN



SECTION A3-A3



SECTION B3-B3



NOTES

All dimensions are given in millimeters, unless otherwise shown.
Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill.

NEPAL

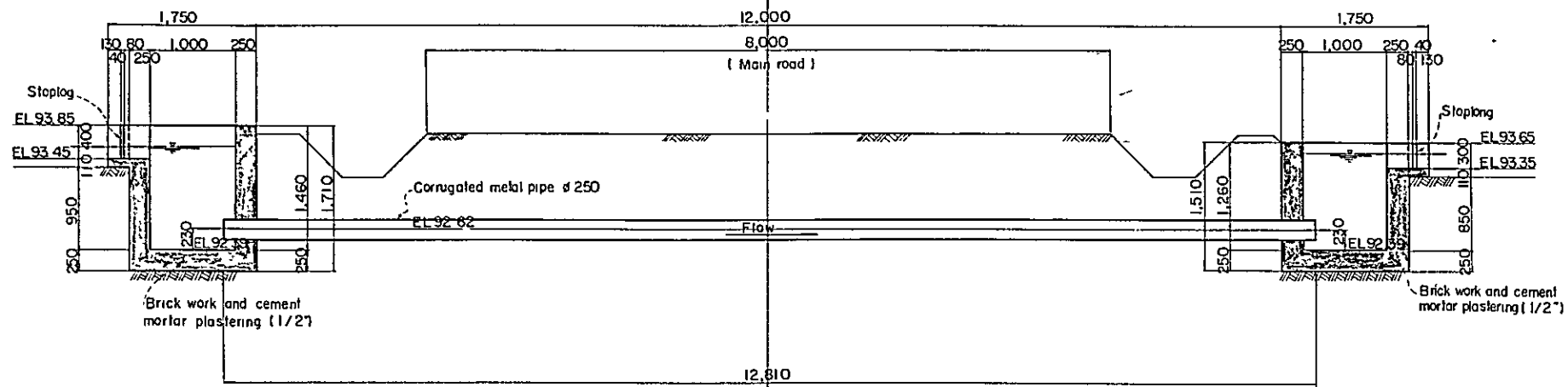
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
JUNCTION WORKS
PLAN and SECTIONS

DRAWN: SUBMITTED:
CHECKED: APPROVED:

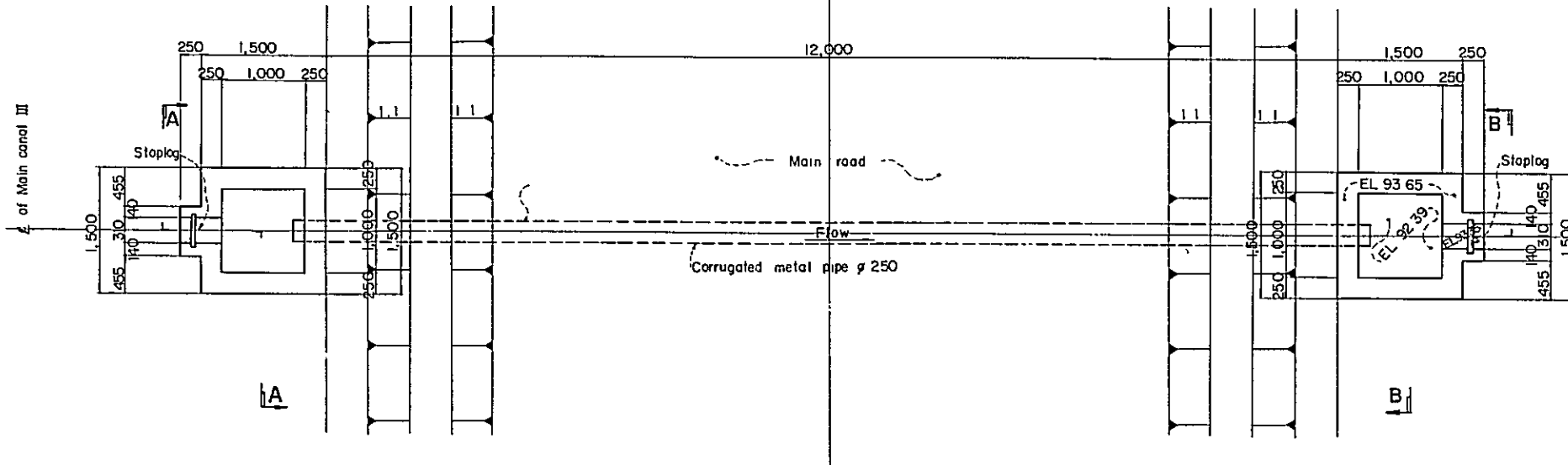
OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO DATE: JAN, 1972 PLAN NO.A-19

SCALE OF MILLIMETERS
0 1000 2000

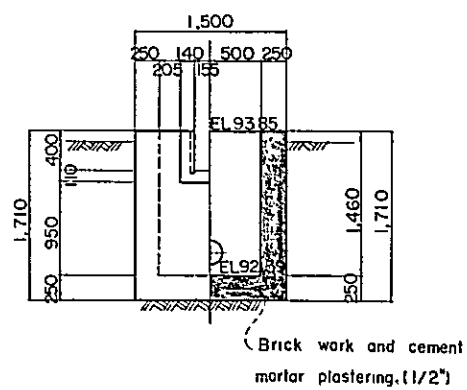
PROFILE



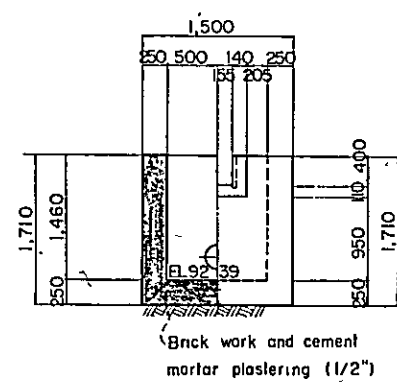
PLAN



SECTION A-A

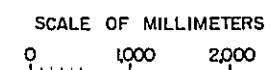


SECTION B-B

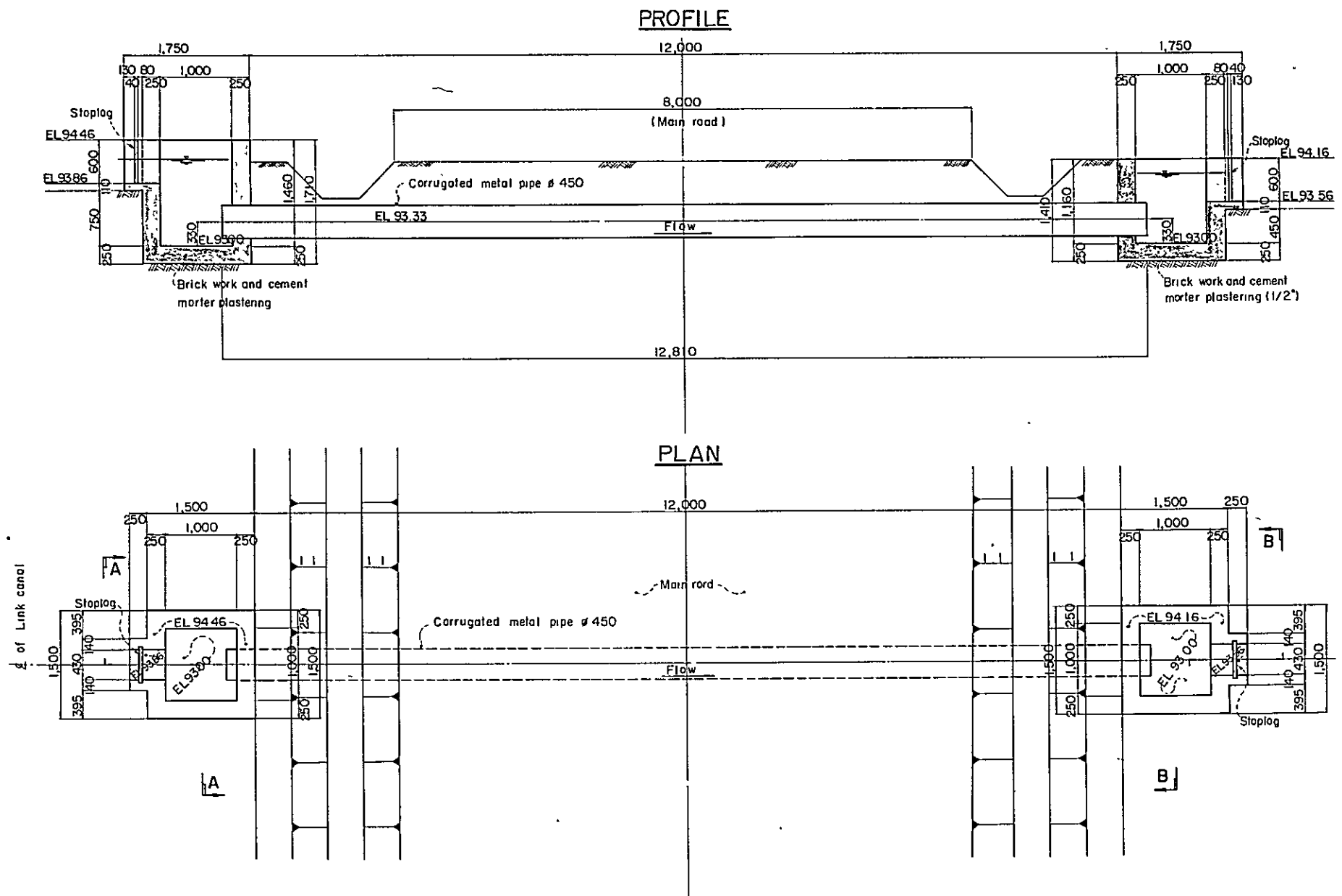


NOTES

- All dimensions are given in millimeters, unless otherwise shown.
- All stations and elevations are given in meters.
- Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill.

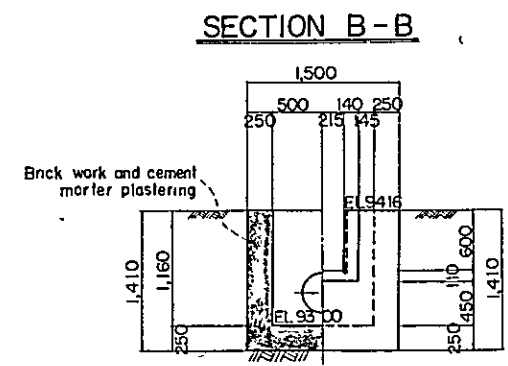
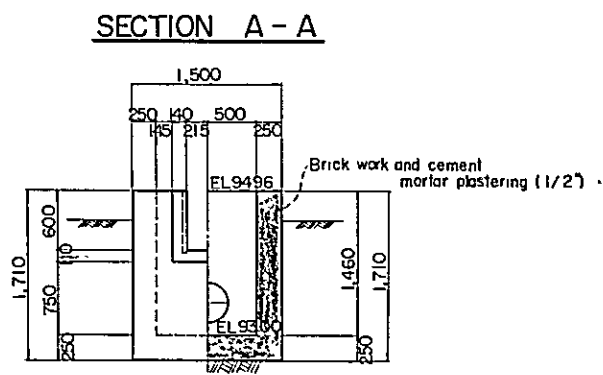


NEPAL	
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT	
SIPHON NO.2	
PLAN and SECTIONS	
DRAWN:	SUBMITTED:
CHECKED:	APPROVED:
OVERSEAS TECHNICAL COOPERATION AGENCY TOKYO. DATE: JAN, 1972	PLAN NO.A-21



NOTES

- All dimensions are given in millimeters, unless otherwise shown.
- All stations and elevations are given in meters.
- Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill.



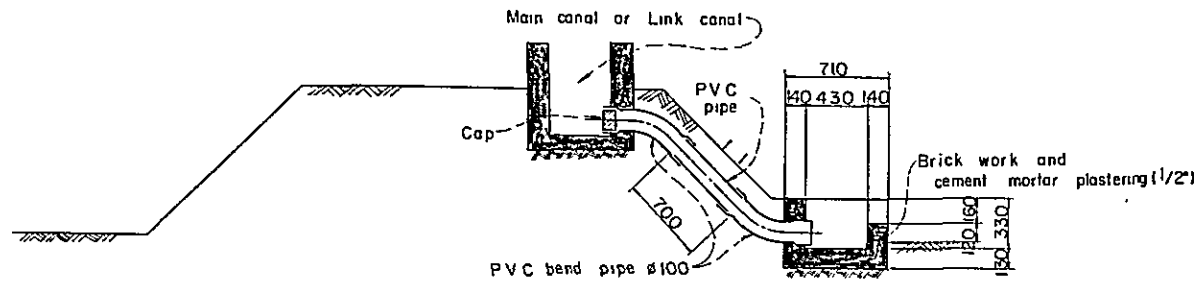
SCALE OF MILLIMETERS
0 1000 2000

NEPAL	
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT	
SIPHON NO.3	
PLAN and SECTIONS	
DRAWN:	SUBMITTED:
CHECKED:	APPROVED:
OVERSEAS TECHNICAL COOPERATION AGENCY TOKYO. DATE: JAN, 1972	PLAN NQA-22

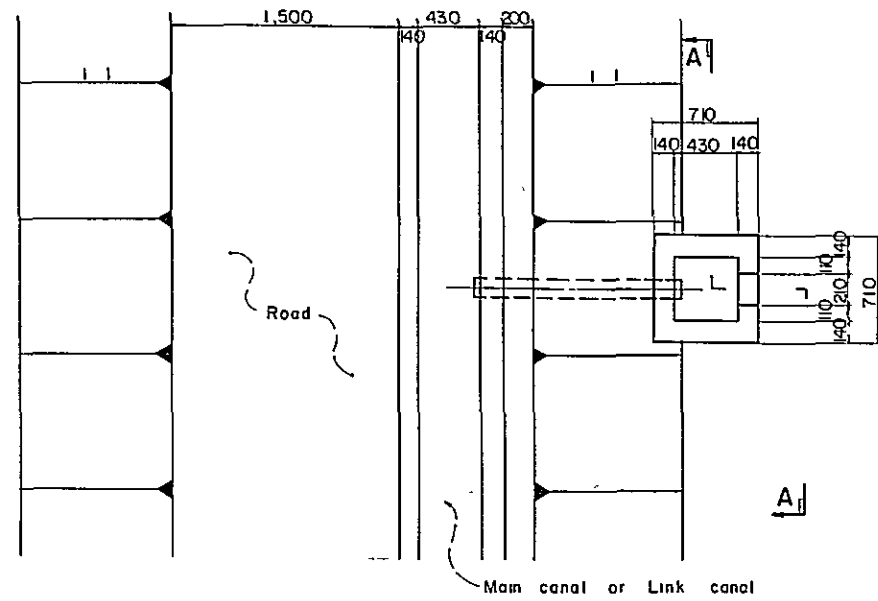
OUTLET TYPE A

PROFILE

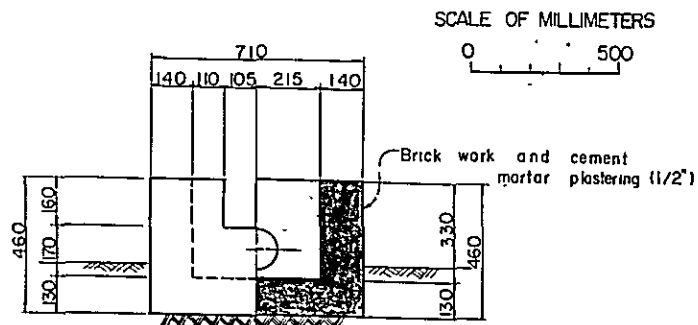
SCALE OF MILLIMETERS
0 500 1,000 1,500



PLAN



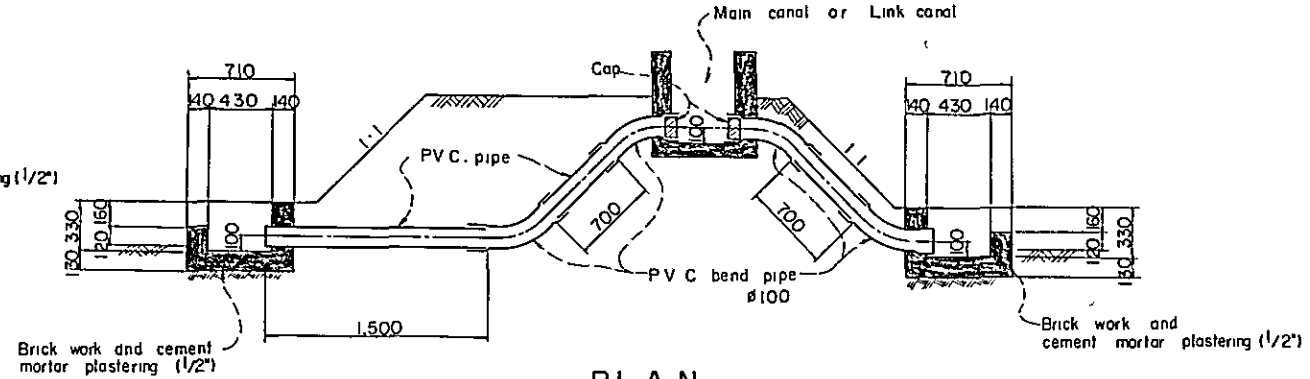
SECTION A-A



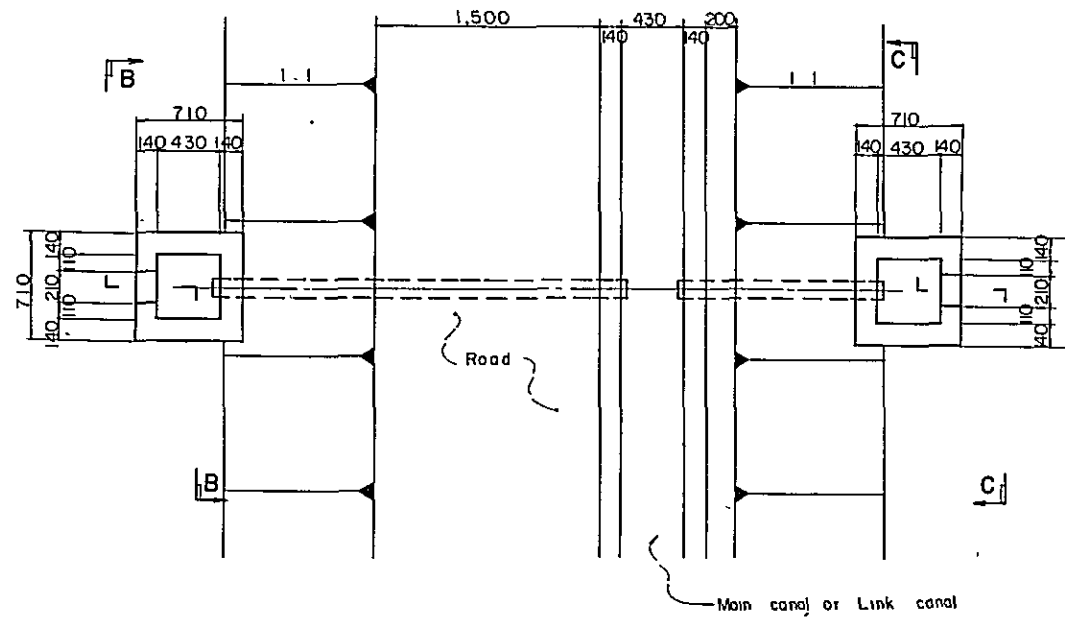
OUTLET TYPE B

PROFILE

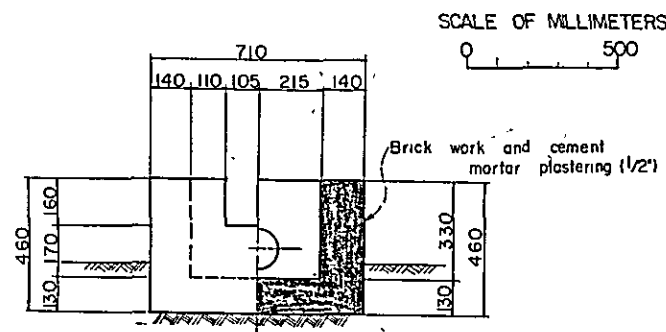
SCALE OF MILLIMETERS
0 500 1,000 1,500



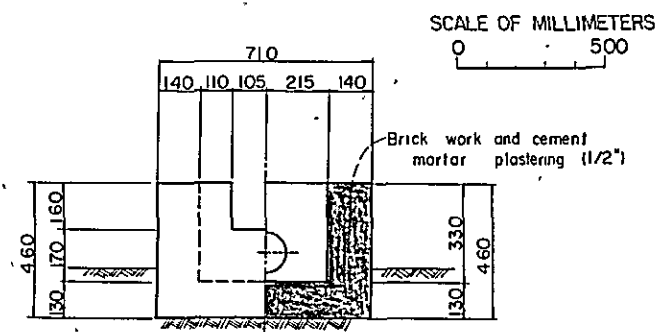
PLAN



SECTION B-B



SECTION C-C



NOTES

All dimensions are given in millimeters, unless otherwise shown.
Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill.

NEPAL

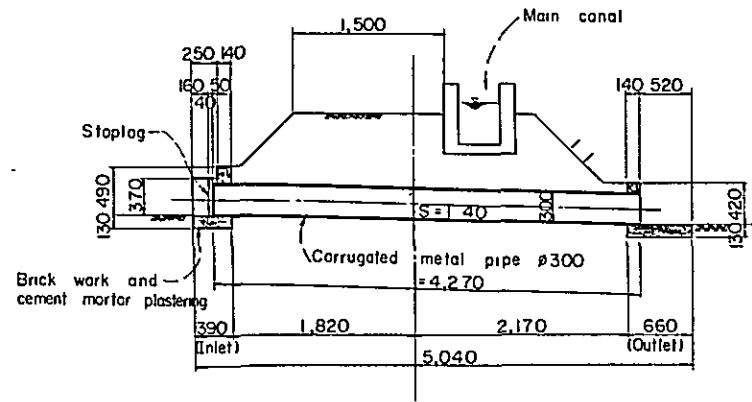
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
OUTLET TYPE A and TYPE B
PLAN and SECTIONS

DRAWN: SUBMITTED:
CHECKED: APPROVED:

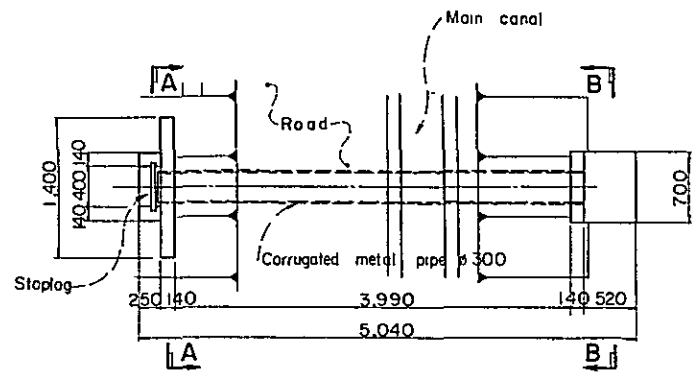
OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO, DATE: JAN. 1972 PLAN: NQA-23

CULVERT BENEATH MAIN CANAL

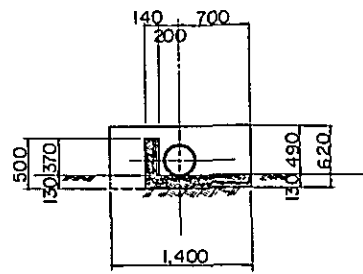
PROFILE



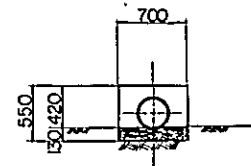
PLAN



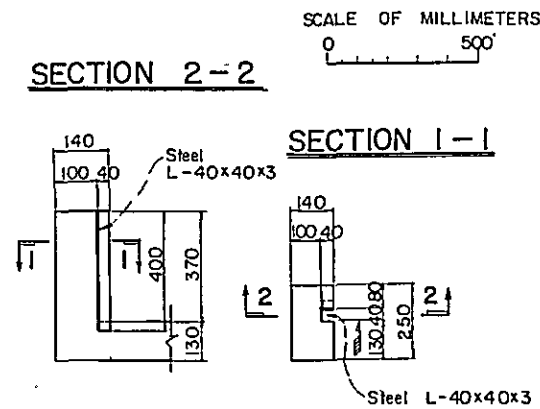
SECTION A-A



SECTION B-B

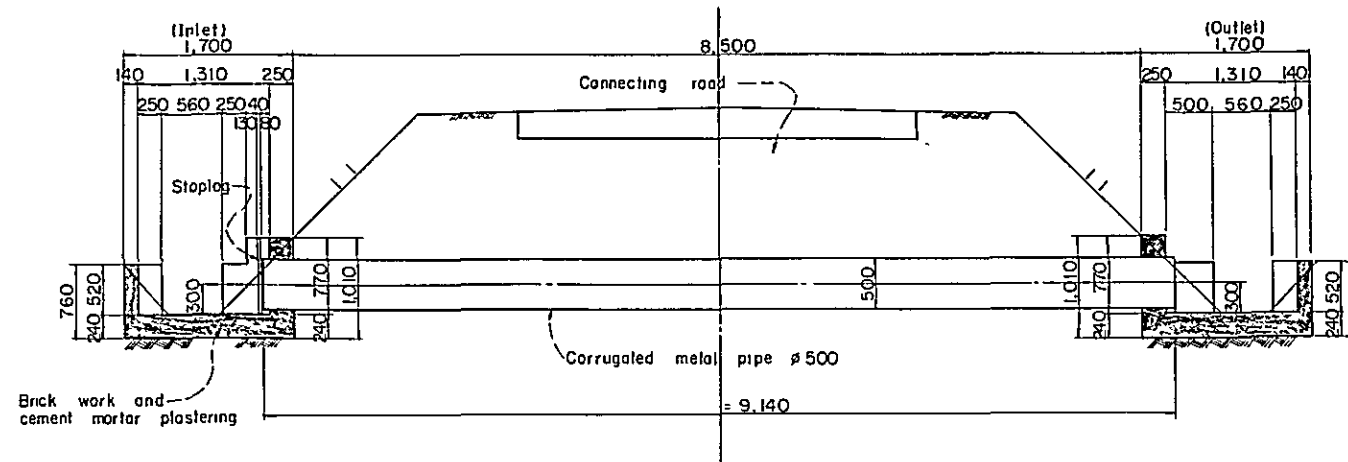


DETAILS OF STOPLOG

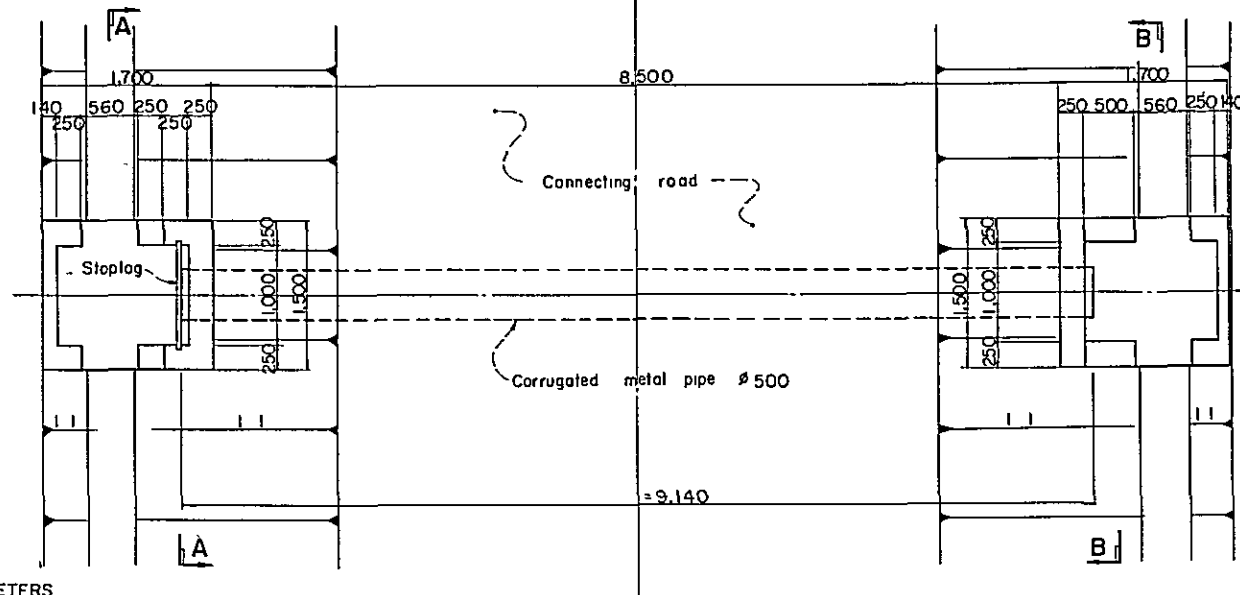


CULVERT BENEATH CONNECTING ROAD

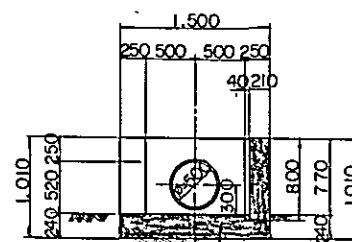
PROFILE



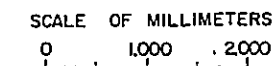
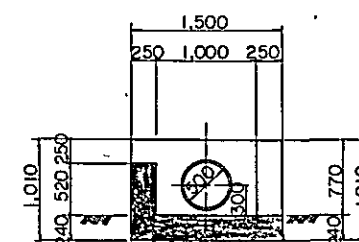
PLAN



SECTION A-A



SECTION B-B



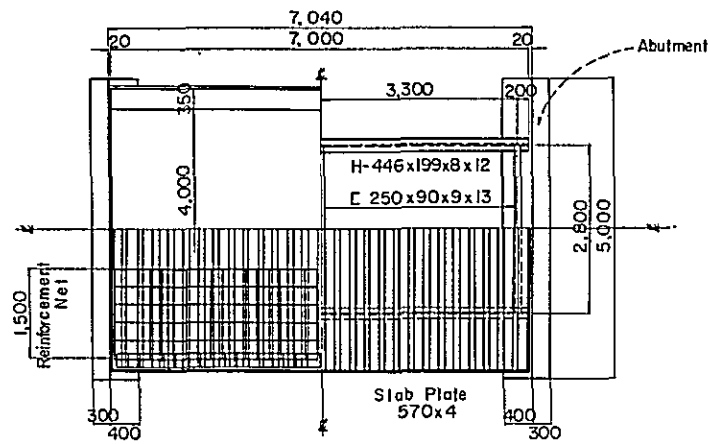
NOTES

All dimensions are given in millimeters, unless otherwise shown.
Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill

NEPAL	
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT	
CULVERTS	
PLAN and SECTIONS	
DRAWN:	SUBMITTED:
CHECKED:	APPROVED:
OVERSEAS TECHNICAL COOPERATION AGENCY	PLAN: NQA-24
TOKYO. DATE: JAN., 1972	

PLAN

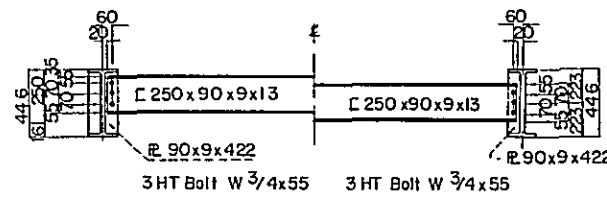
SCALE OF MILLIMETERS
0 1,000 2,000 3,000



SECTION A-A

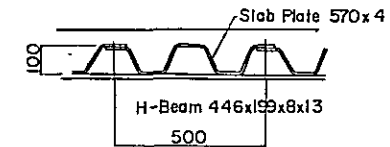
SECTION B-B

SCALE OF MILLIMETERS
0 1,000



DETAIL

SCALE OF MILLIMETERS
0 500

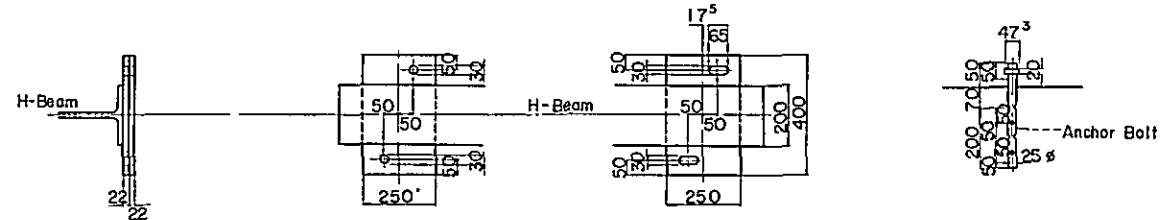


DETAIL

SCALE OF MILLIMETERS
0 500

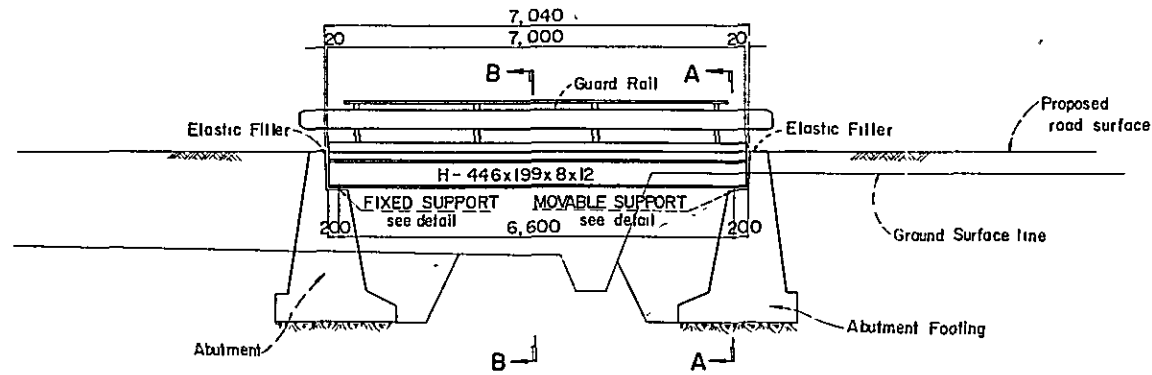
Base Plate or Fixed Plate

Movable Plate



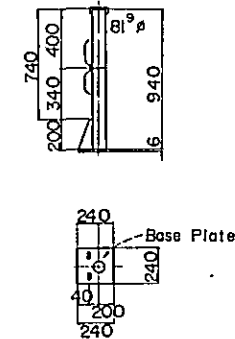
ELEVATION

SCALE OF MILLIMETERS
0 1,000 2,000 3,000



GUARD RAIL

SCALE OF MILLIMETERS
0 1,000

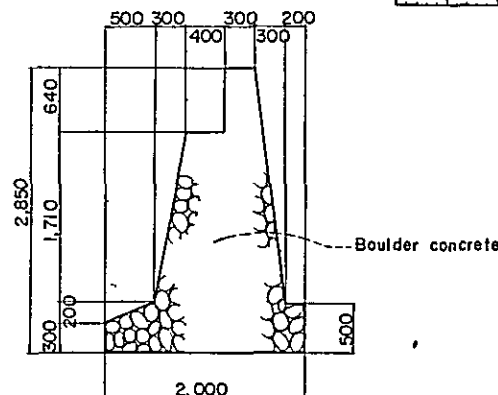


NOTES

All dimensions are given in millimeters, unless otherwise shown.
Base of concrete structure to be placed on undisturbed natural foundation or thoroughly compacted fill.

ABUTMENT FOOTING

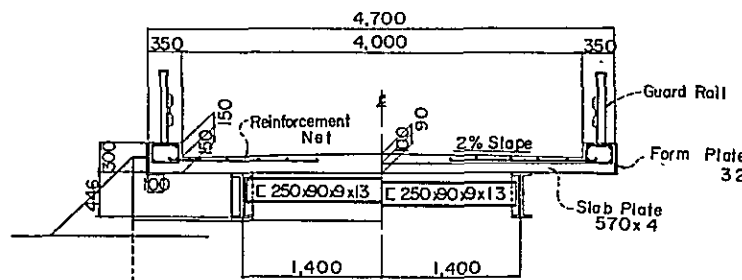
SCALE OF MILLIMETERS
0 1,000 2,000



SECTION A-A

SECTION B-B

SCALE OF MILLIMETERS
0 1,000 2,000

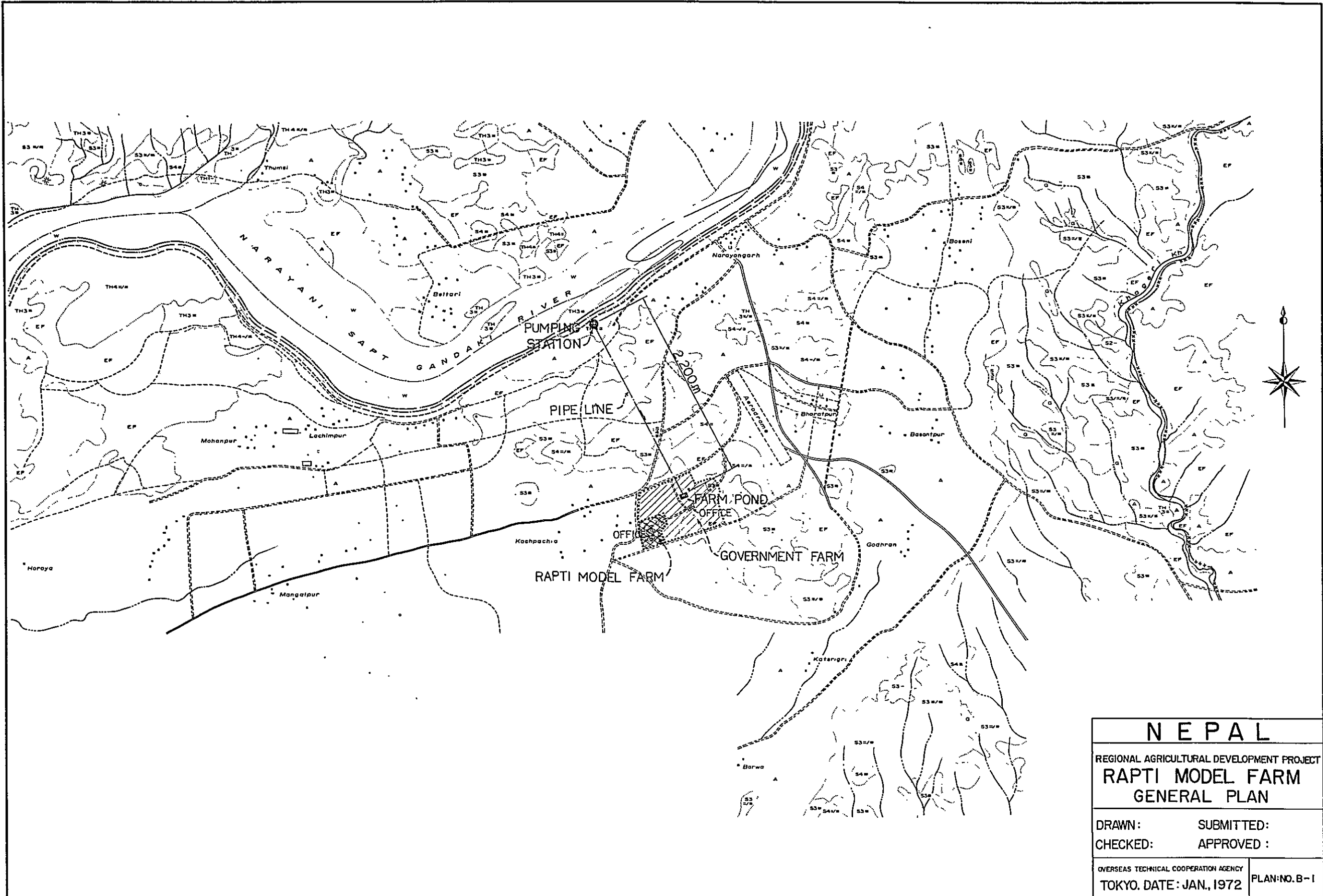


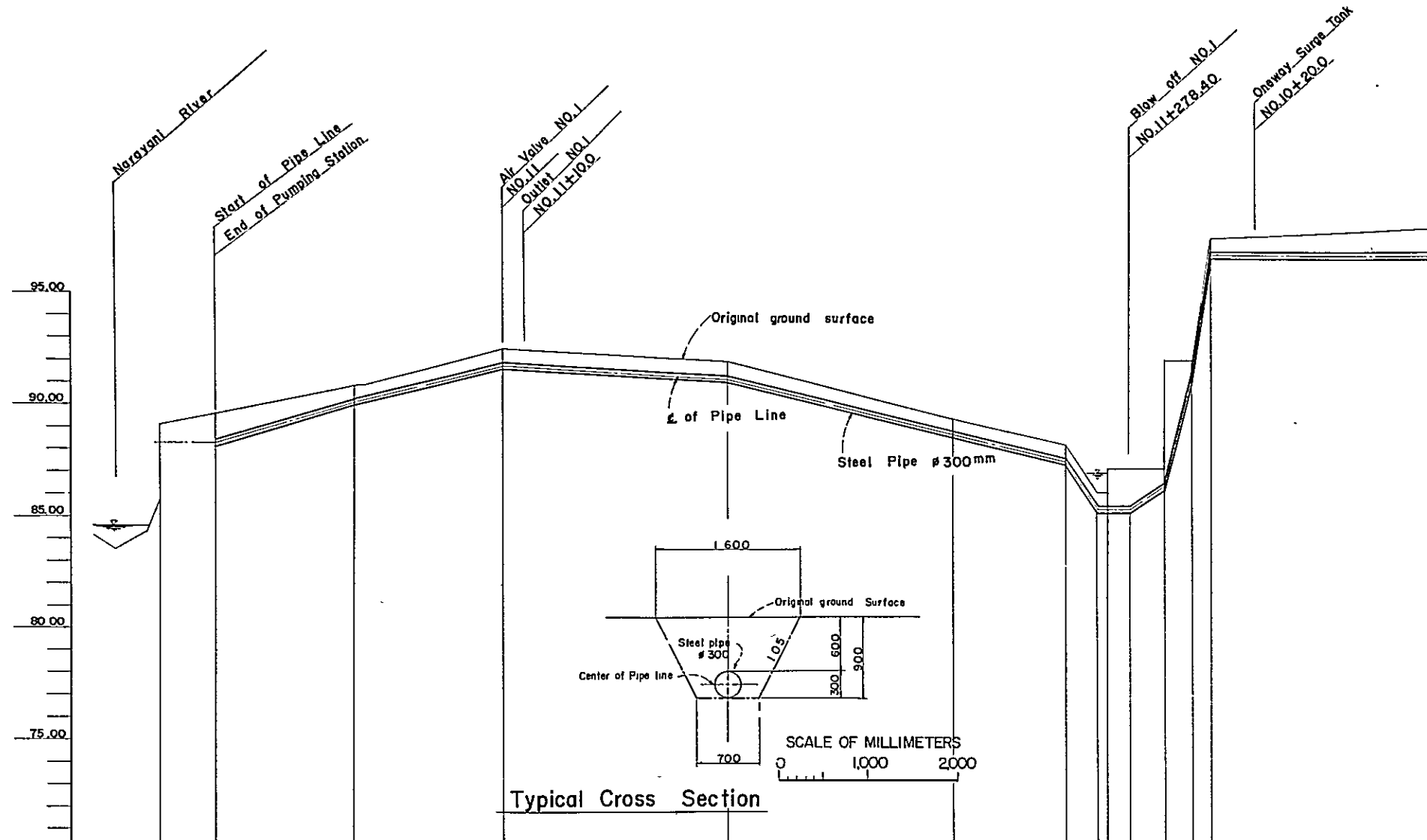
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
BRIDGE
PLAN and SECTIONS

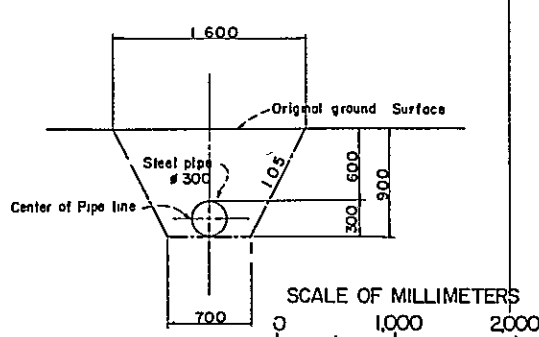
DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO DATE: JAN, 1972 PLAN: NO. A-25





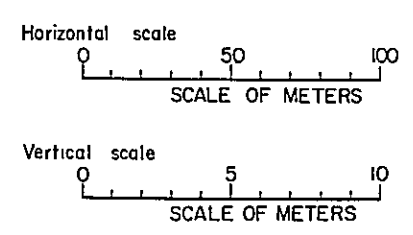
Typical Cross Section



GRADE	Flow Capacity	EXCA. DEPTH	PIPE BOTTOM ELEV.	PIPE TOP ELEV.	GROUND ELEV.	ACCUM. DIST.	DIST.	STA.
Pump Station	8.34 m ³ /min	1.39	88.21	88.36	89.17	0.0	0.0	E.P.
2.97%		0.90	90.02	90.17	86.60	25.00	25.00	+25.00
2.43%		0.90	91.65	91.80	90.92	61.00	86.00	+86.00
0.63%		0.90	91.02	91.17	92.55	153.00	67.00	NO 11
2.48%		0.84	88.54	88.69	89.39	353.00	100.00	+100.00
5.71% Level		0.90	87.30	87.45	88.20	403.00	50.00	+250.00
7.73%		0.90	85.10	85.25	86.00	417.00	18.40	+268.40
3.83%		2.06	85.10	85.25	87.16	431.40	25.50	+293.90
6.37%		5.68	86.25	86.41	91.94	446.90	12.00	+305.90
		0.90	91.04	91.19	91.94	468.90	8.00	NO 10
		0.90	96.51	96.66	97.41	486.90	20.00	+20.00
0.31%		1.41	96.54	96.69	97.96	566.90	100.00	+100.00

NOTES

All dimensions are given in meters.
 All stations and elevations are given in meters.
 All elevations are assumed height and the basic height is assumed to be EL.100.00^m at a point on footing of the monument in the Government Farm.



NEPAL

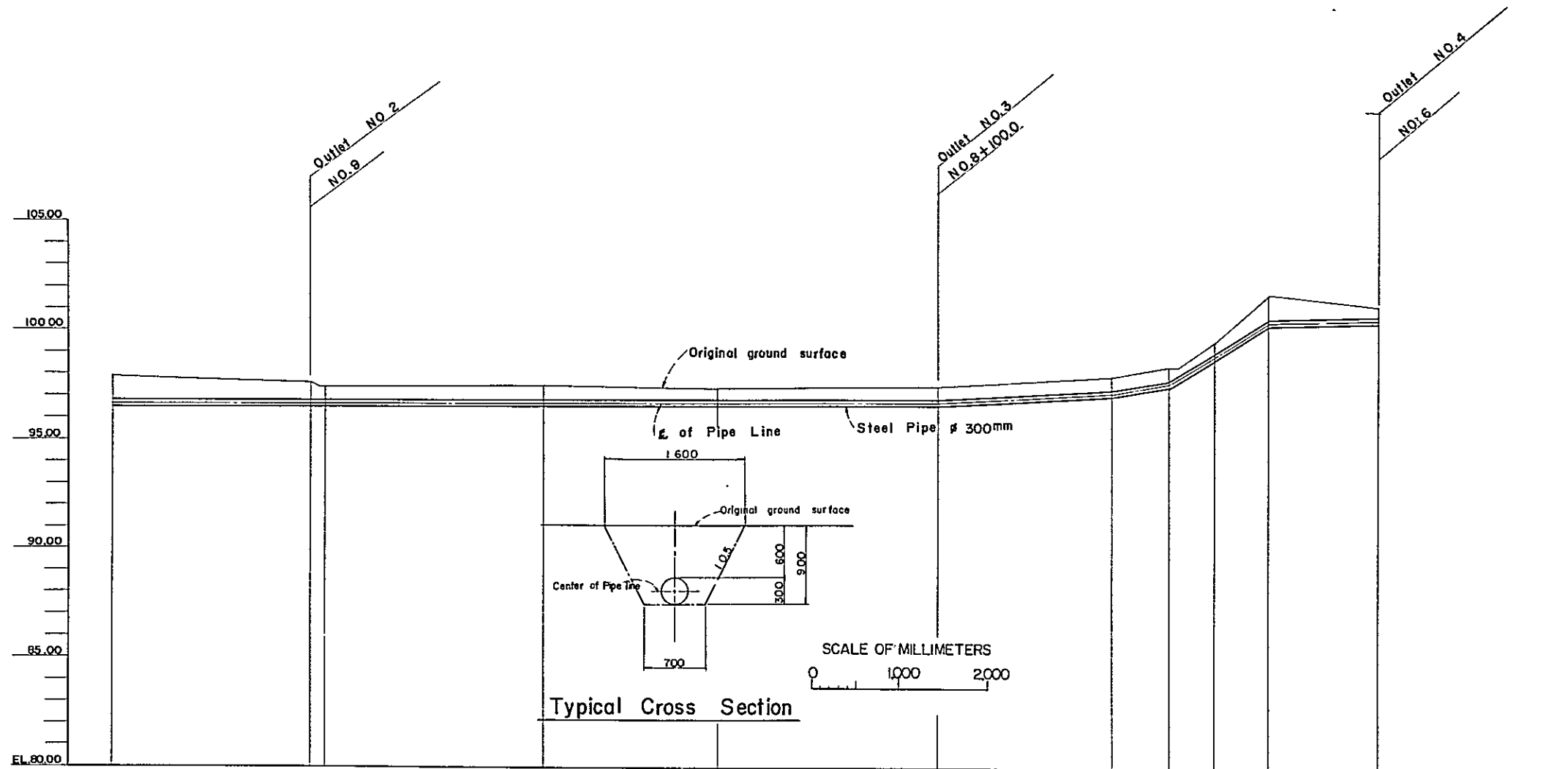
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT

PIPE LINE PROFILE (I)

DRAWN: SUBMITTED:
 CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO. DATE: JAN, 1972

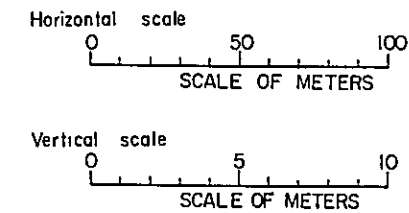
PLAN: NO. B-2



GRADE	0.31%										0.55%	1.61%	6.27%	0.27%	
FLOW CAPACITY	8.34 m ³ /m ln														
EXCA. DEPTH	1.41		1.13	0.94		0.92		0.84		0.90	0.90	0.90	0.88	1.45	0.83
PIPE BOTTOM ELEV.	96.54		96.57	96.57		96.60		96.63		96.66	97.10	97.53	98.78	100.35	100.49
PIPE ELEV.	96.69		96.72	96.72		96.75		96.78		96.81	97.25	97.68	98.93	100.50	100.64
GROUND ELEV.	97.96		97.70	97.51		97.52		97.47		97.56	98.00	98.43	99.66	101.80	101.32
ACCUM. DIST.	566.90		658.00	664.10		764.10		844.10		944.10	1024.10	1050.75	1070.75	1095.75	1114.64
DIST.	100.00		91.10	6.10		100.00		80.00		100.00	80.00	26.65	20.00	25.00	50.65
STA.	NO. 9 + 100.00		NO. 9 + 610			+ 106.10		NO. 8 + 80.00		+ 100.00	+ 180.00	+ 206.65	+ 226.65	NO. 7 + 25.00	NO. 6 + 50.65

NOTES

All dimensions are given in meters.
 All stations are elevations are given in meters.
 All elevations are assumed height and the basic height is assumed to be EL.100.00m at a point on footing of the monument in the Government Farm.



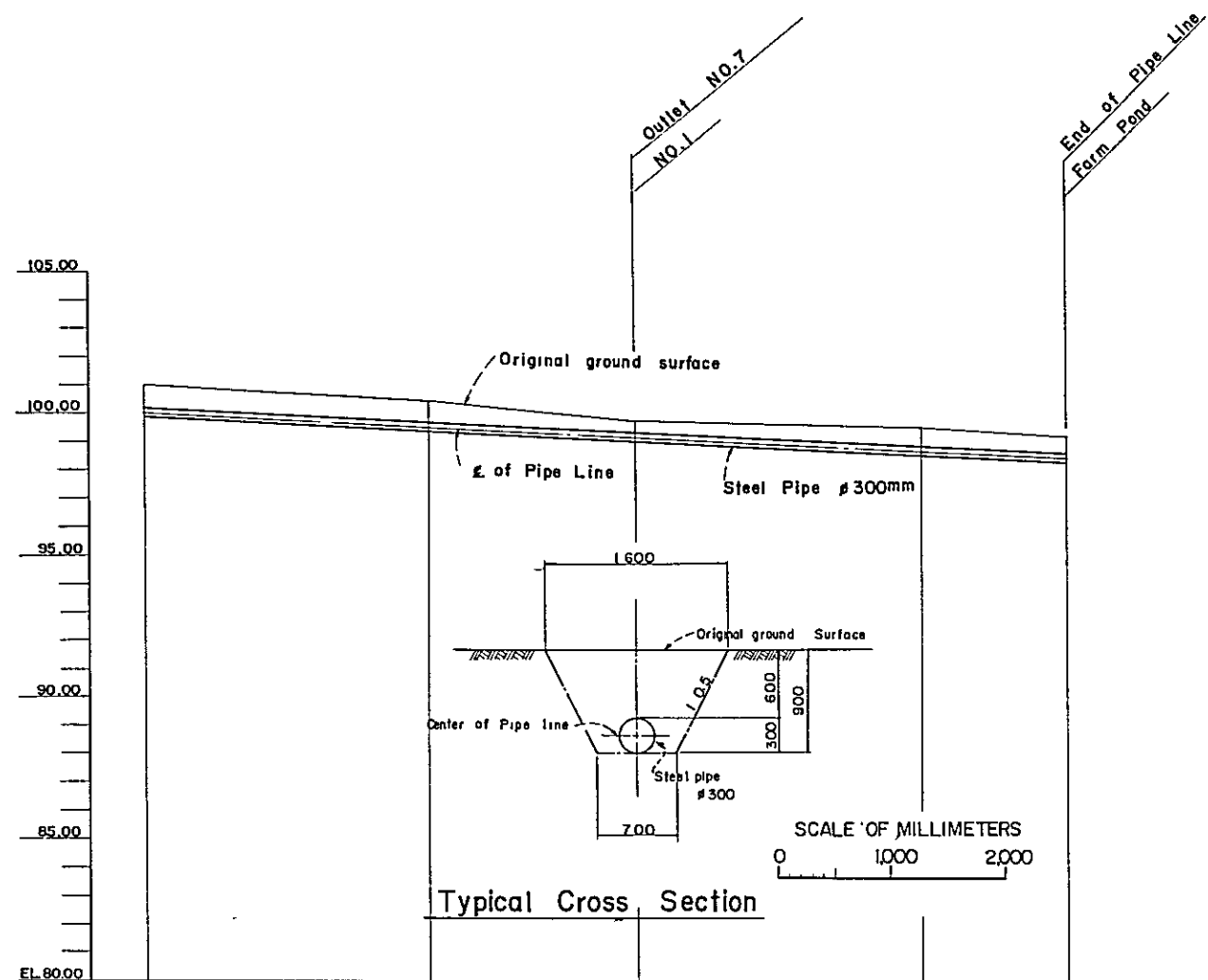
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
PIPE LINE PROFILE (2)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO. DATE: JAN, 1972

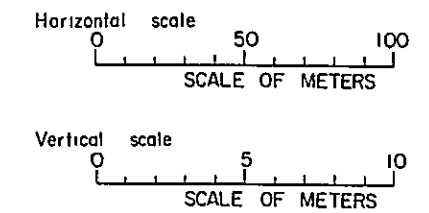
PLAN: NO. B-3



NOTES

All dimensions are given in meters
 All stations and elevations are given in meters
 All elevations are assumed height and the basic height is assumed to be EL.100.00m at a point on footing of the monument in the Government Farm.

GRADE	0.51 %				
FLOW CAPACITY	8.34 m ³ /min				
EXCAVATION DEPTH	1.04	1.11	0.74	1.00	0.90
PIPE BOTTOM ELEV.	99.99	99.48	99.10	98.59	98.33
PIPE TOP ELEV.	100.14	99.63	99.25	98.74	98.48
GROUND ELEV.	101.03	100.59	99.84	99.59	99.23
ACCUM. DIST.	1.81210	1.91210	1.98595	2.08595	2.13705
DIST.	54.40	100.00	73.85	100.00	51.10
STA.	NO 2	+100.00	NO 1	+100.00	NO 0



NEPAL

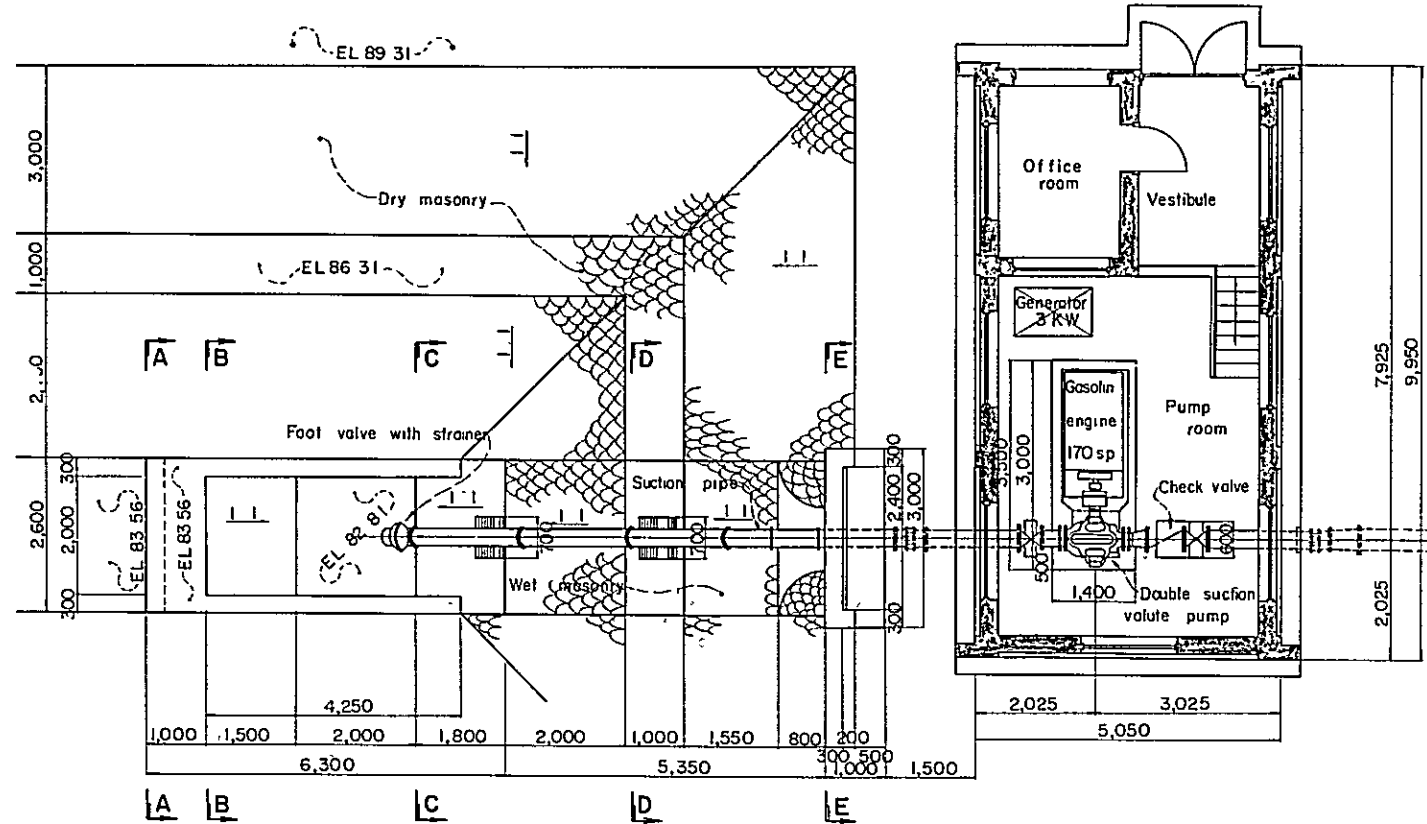
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
PIPE LINE PROFILE (4)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

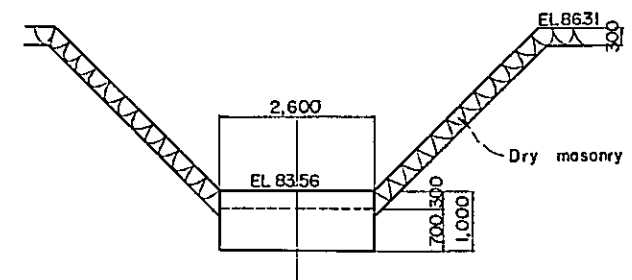
OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN, 1972

PLAN NO. B-5

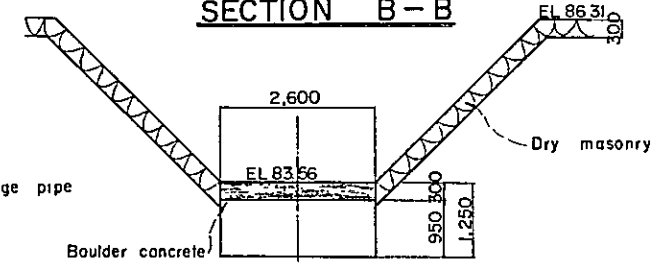
PLAN



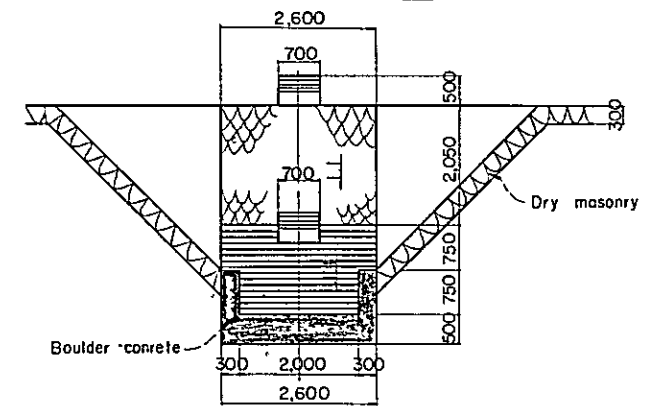
SECTION A-A



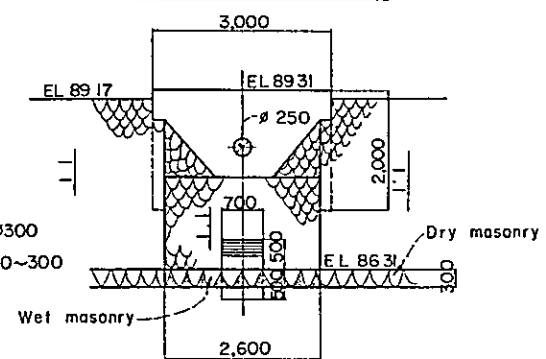
SECTION B-B



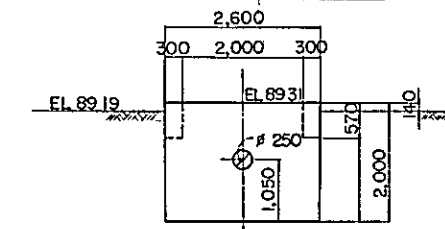
SECTION C-C



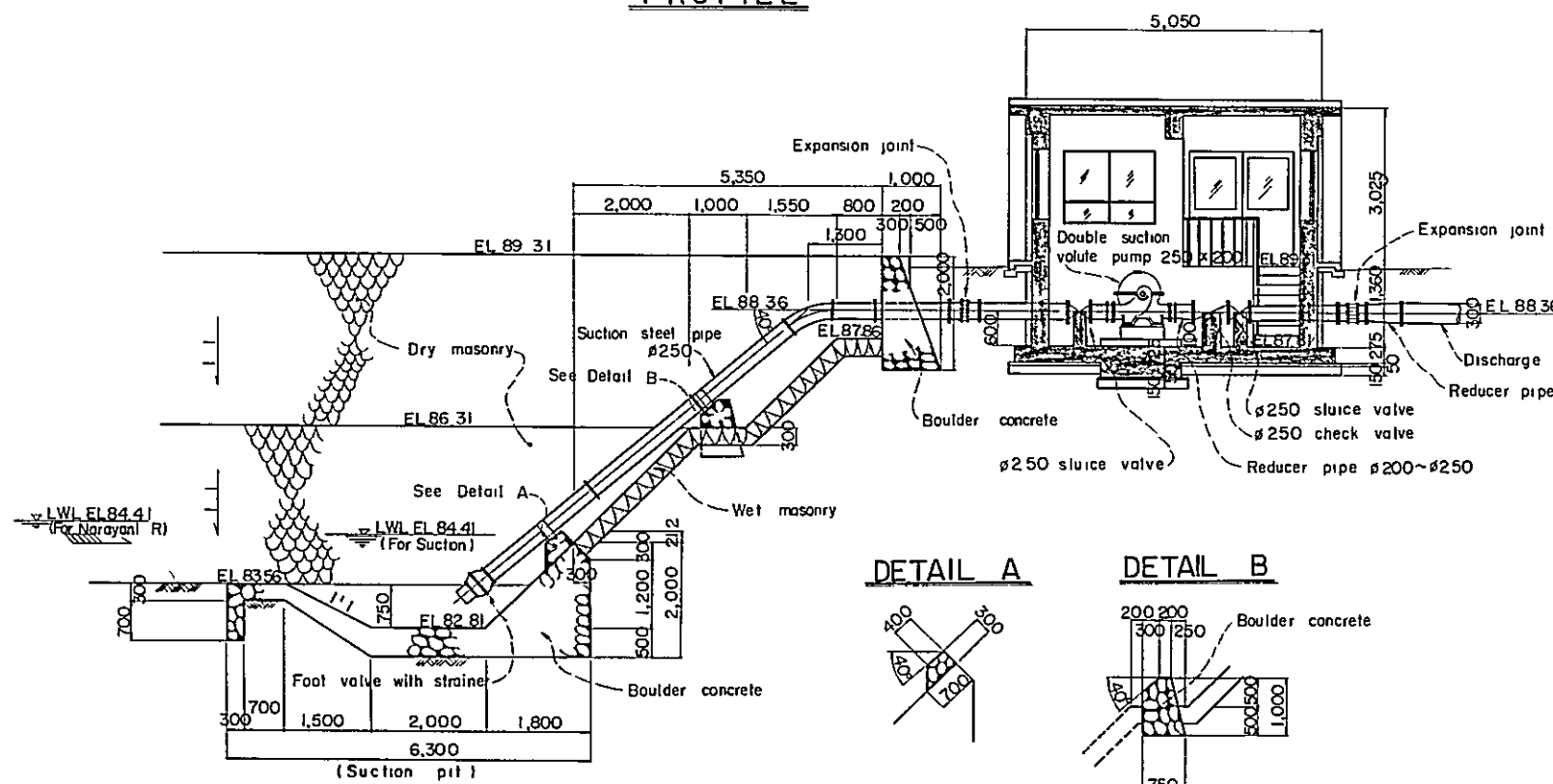
SECTION D-D



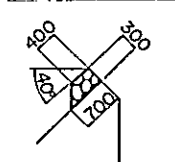
SECTION E-E



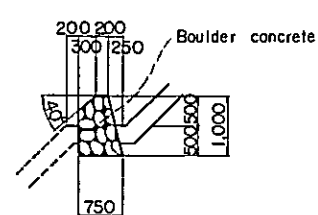
PROFILE



DETAIL A



DETAIL B



NOTES

All dimensions are given in meters, unless otherwise shown.
 All stations and elevations are given in meters.
 Base of concrete structure to be placed on undisturbed natural foundation or thoroughly compacted fill.

SCALE OF MILLIMETERS
 0 1,000 2,000 3,000 4,000

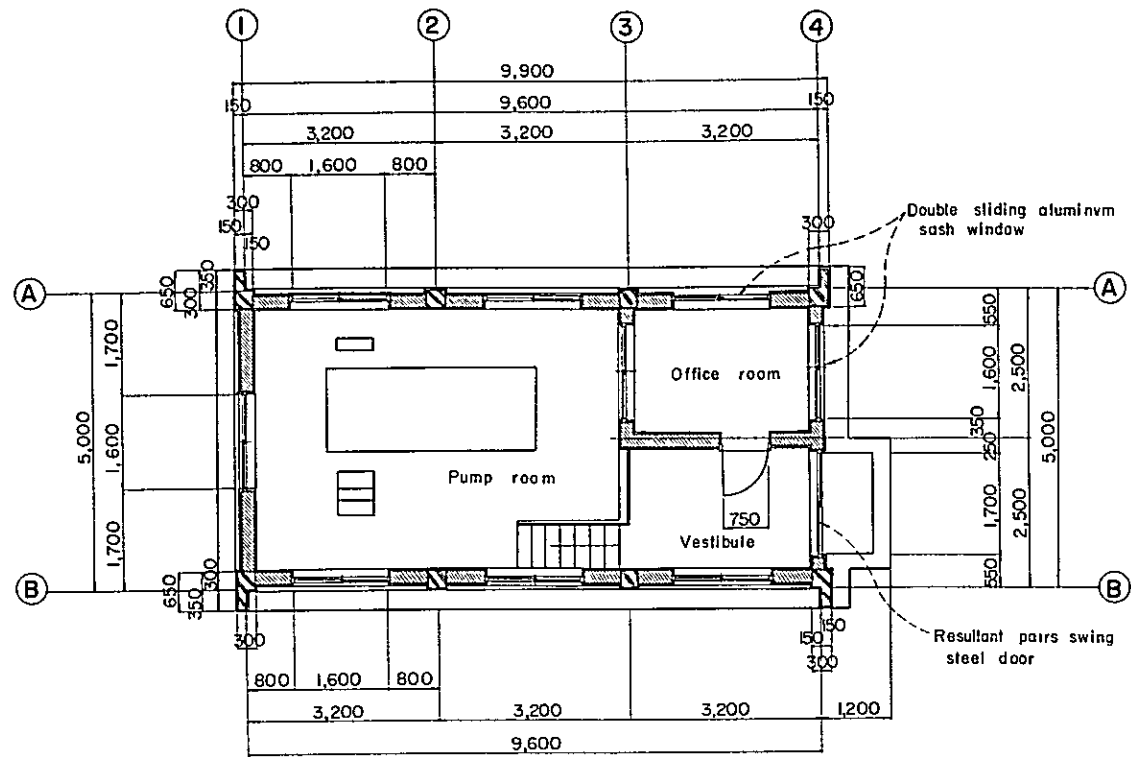
NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
PUMPING STATION
 PLAN and SECTIONS

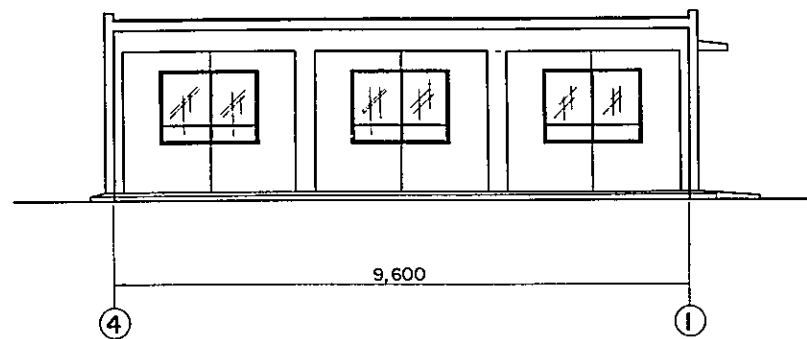
DRAWN: SUBMITTED:
 CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN, 1972 PLAN: NO B-6

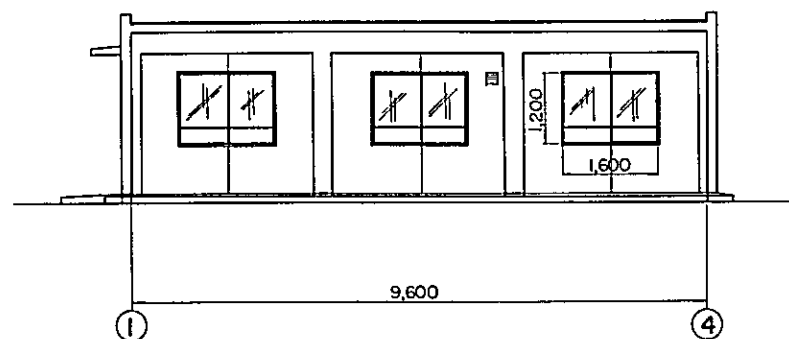
PLAN



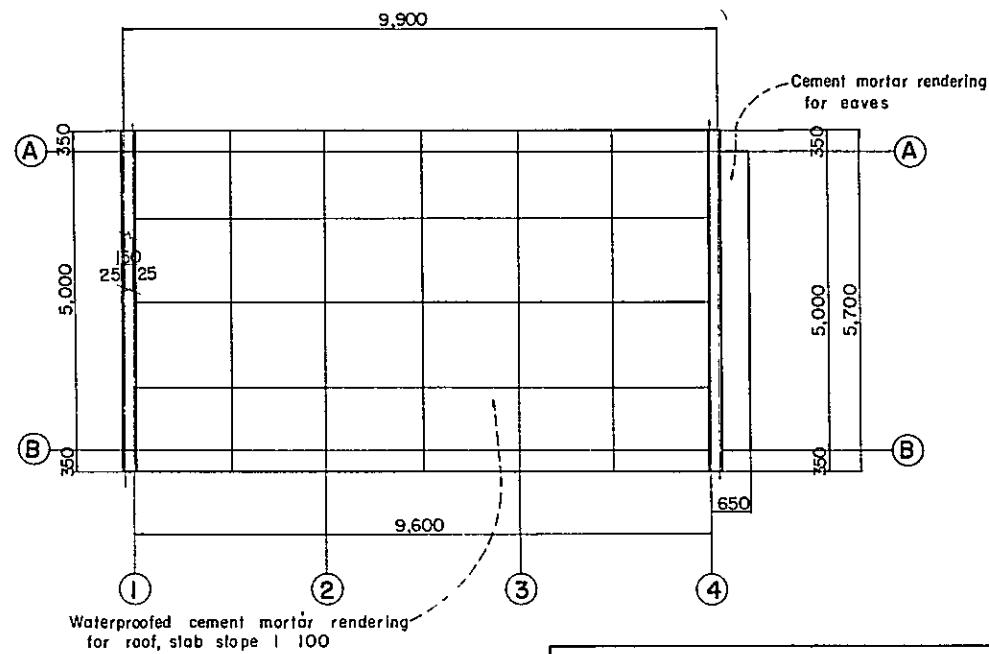
ELEVATION (B)



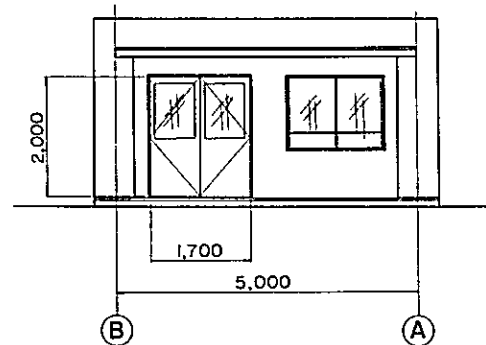
ELEVATION (A)



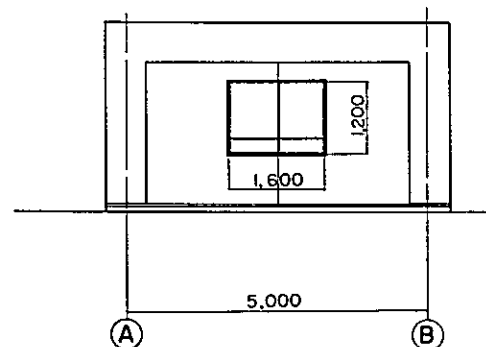
ROOF PLAN



ELEVATION (4)



ELEVATION (1)



NOTES

All dimensions are given in millimeters, unless otherwise shown
Base of concrete structure to be placed on undisturbed natural foundation or thoroughly compacted fill

SCALE OF MILLIMETERS
0 1000 2000 3000 4000

FINISH SCHEDULE FOR EXTERIOR WORK

Roof	Waterproofed cement mortar rendering, Slab slope 1:100
Eaves ceiling	Cement mortar rendering and colored cement spraying
Walls	do
	Waterproofed cement mortar
Beam	Cement mortar rendering
Fittings	Resultant pairs swing steel door and double sliding aluminum sash window

FINISH SCHEDULE FOR INTERIOR WORK

	Flooring	Skirting	Wall	Ceiling	Remarks
Pump room	Waterproofed cement mortar rendering	Waterproofed cement mortar rendering vpt-300	Cement mortar rendering	Cement plate and colored cement spraying	Stair
Office room	do	Cement mortar rendering	do	do	
Vestibule	do	do	do	do	

Area List

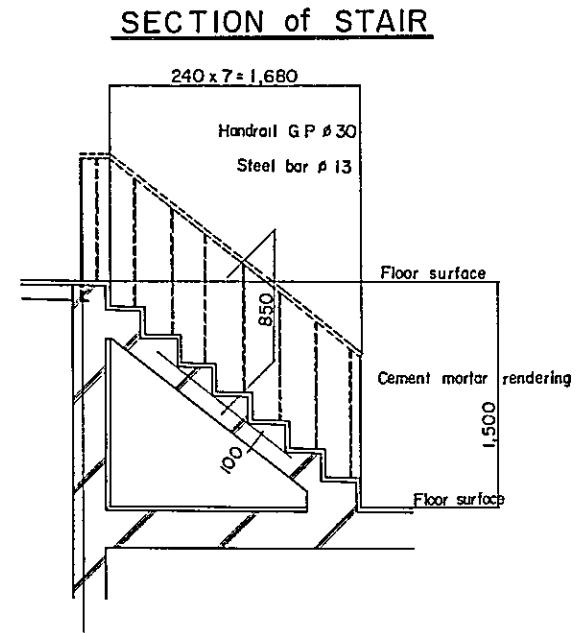
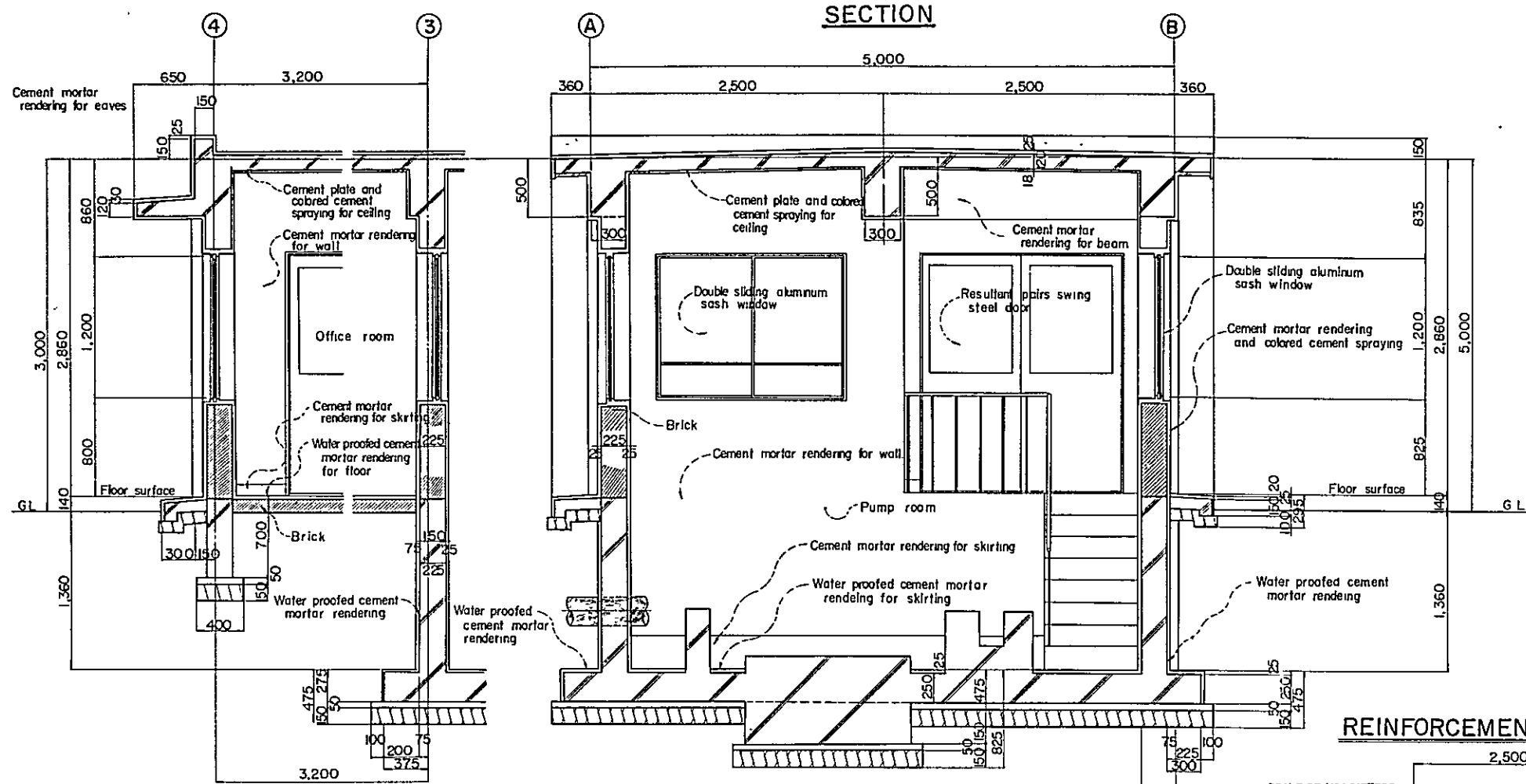
Building area	9,600 x 4,700 = 45,120 M ²
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NEPAL

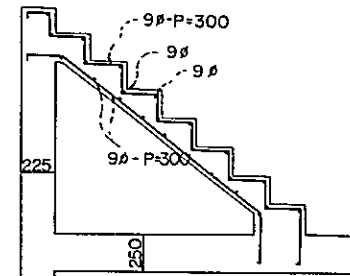
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
PUMPING STATION
DETAILS of HOUSING (1)

DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO, DATE: JAN., 1972 PLAN: NO. B-7

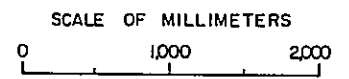


REINFORCEMENT of STAIR



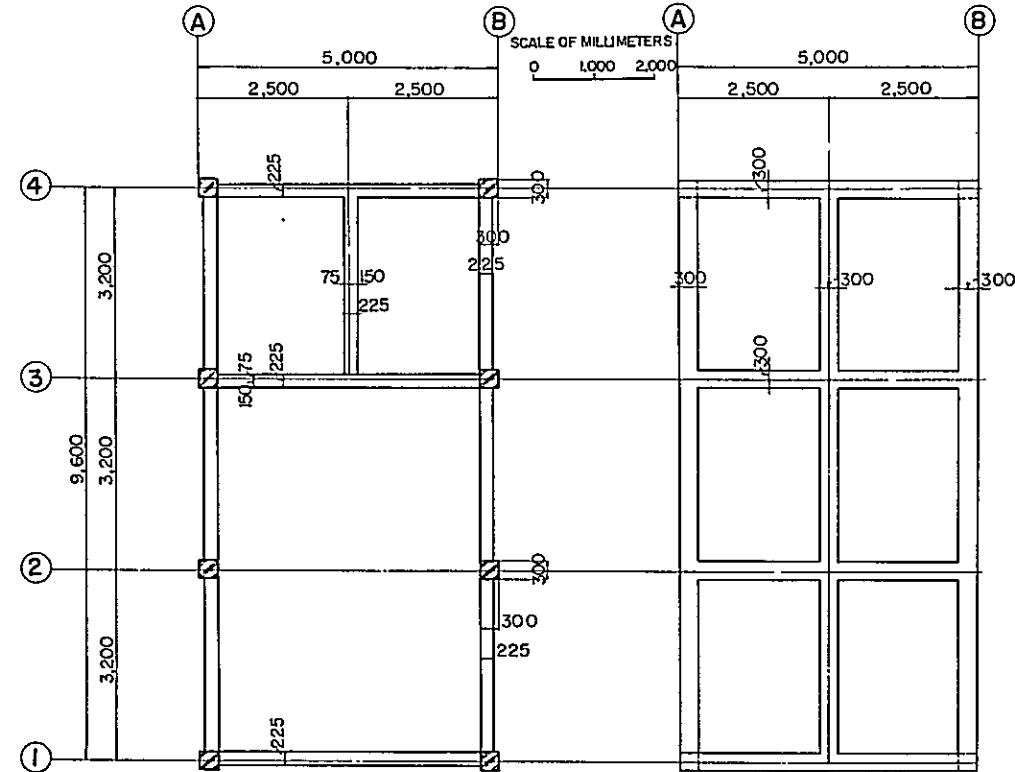
NOTES

All dimensions are given in millimeters, unless otherwise shown.
 Base of concrete structure to be placed on undisturbed natural foundation or thoroughly compacted fill.
 Diameter of all reinforcing bars are given in millimeters.

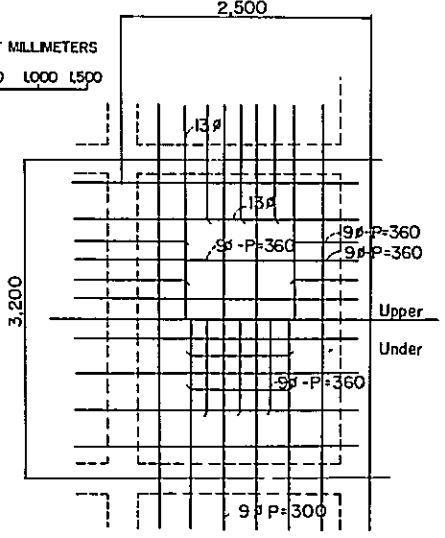
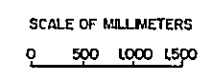


PLAN of UNDERGROUND BEAM

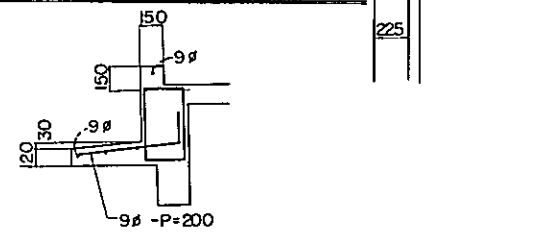
PLAN of ROOF BEAM



REINFORCEMENT of ROOF



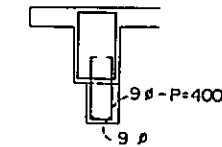
REINFORCEMENT of EAVES



REINFORCEMENT of BEAMS and SLAB

Underground beams	Post	Roof beam	Underground Walls	Floor slab
Main bar 13#-6	Main bar 13#-4	Main bar 13#-6	9#-P=200	13#-P=250
ST 9#-P=250	Maop 9#-P=250	ST 9#-P=250		
Erection bar 9#-P=1000		Erection bar 9#-P=1000		

REINFORCEMENT of LINTEL

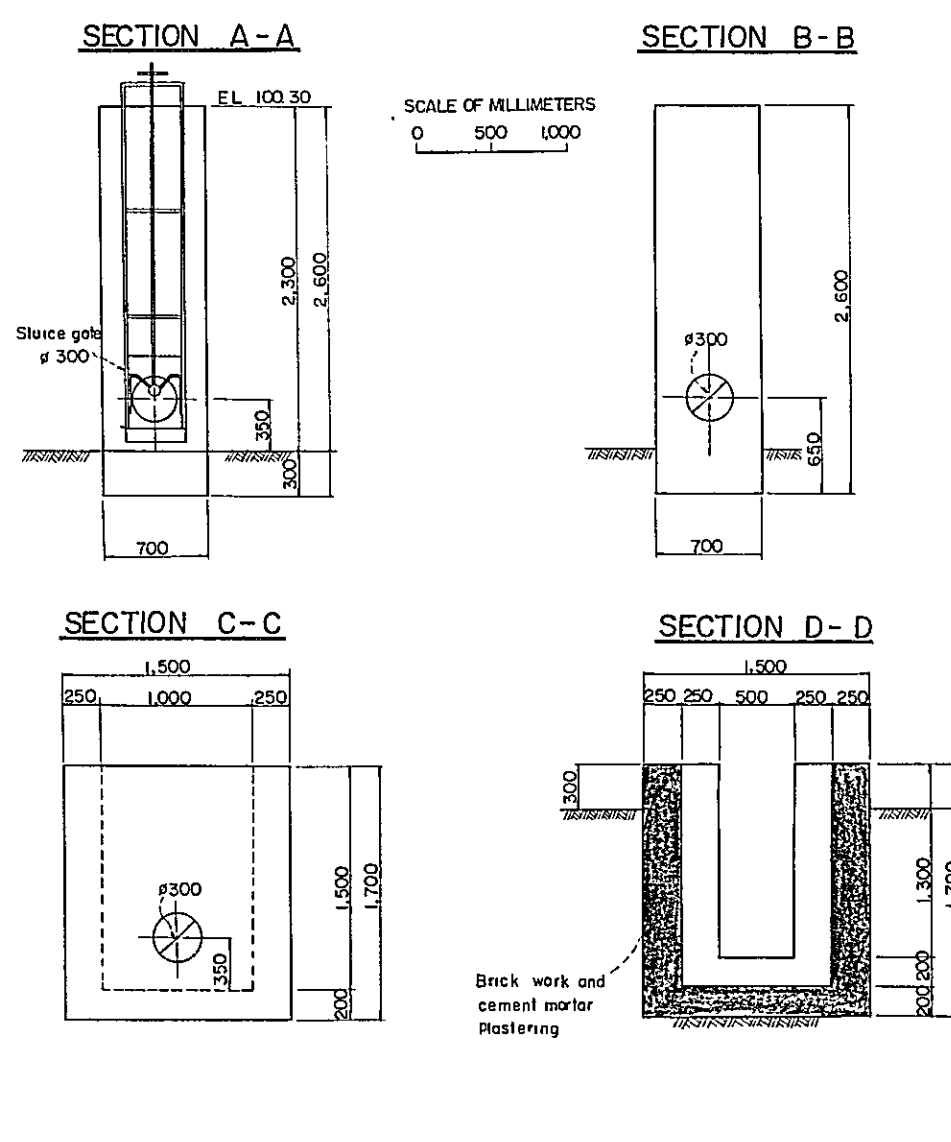
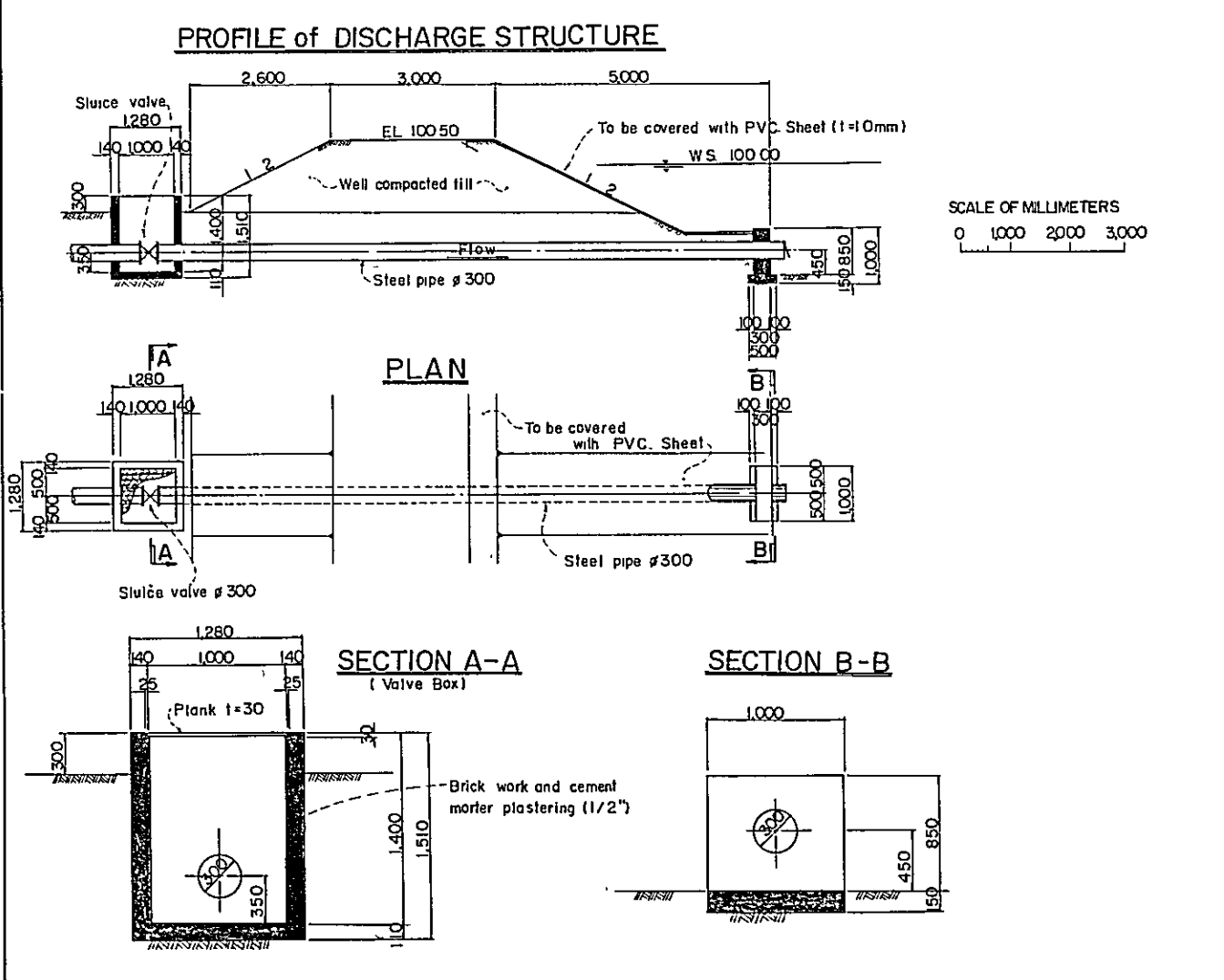
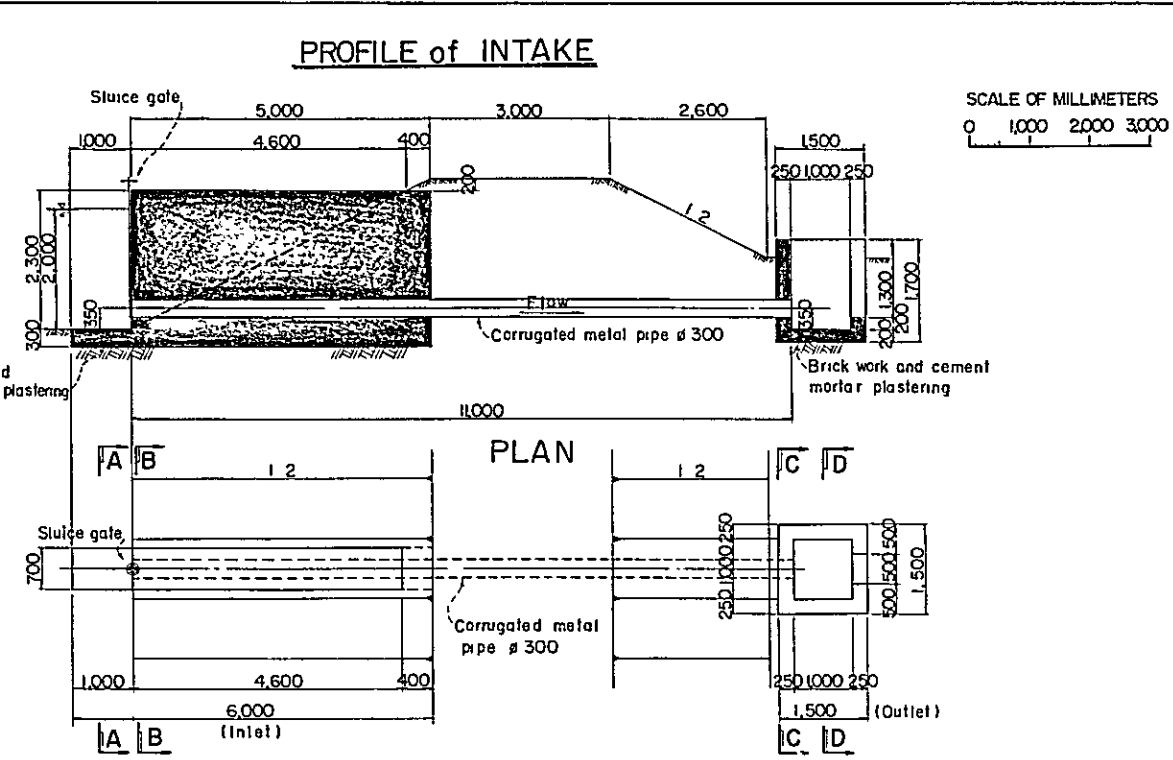
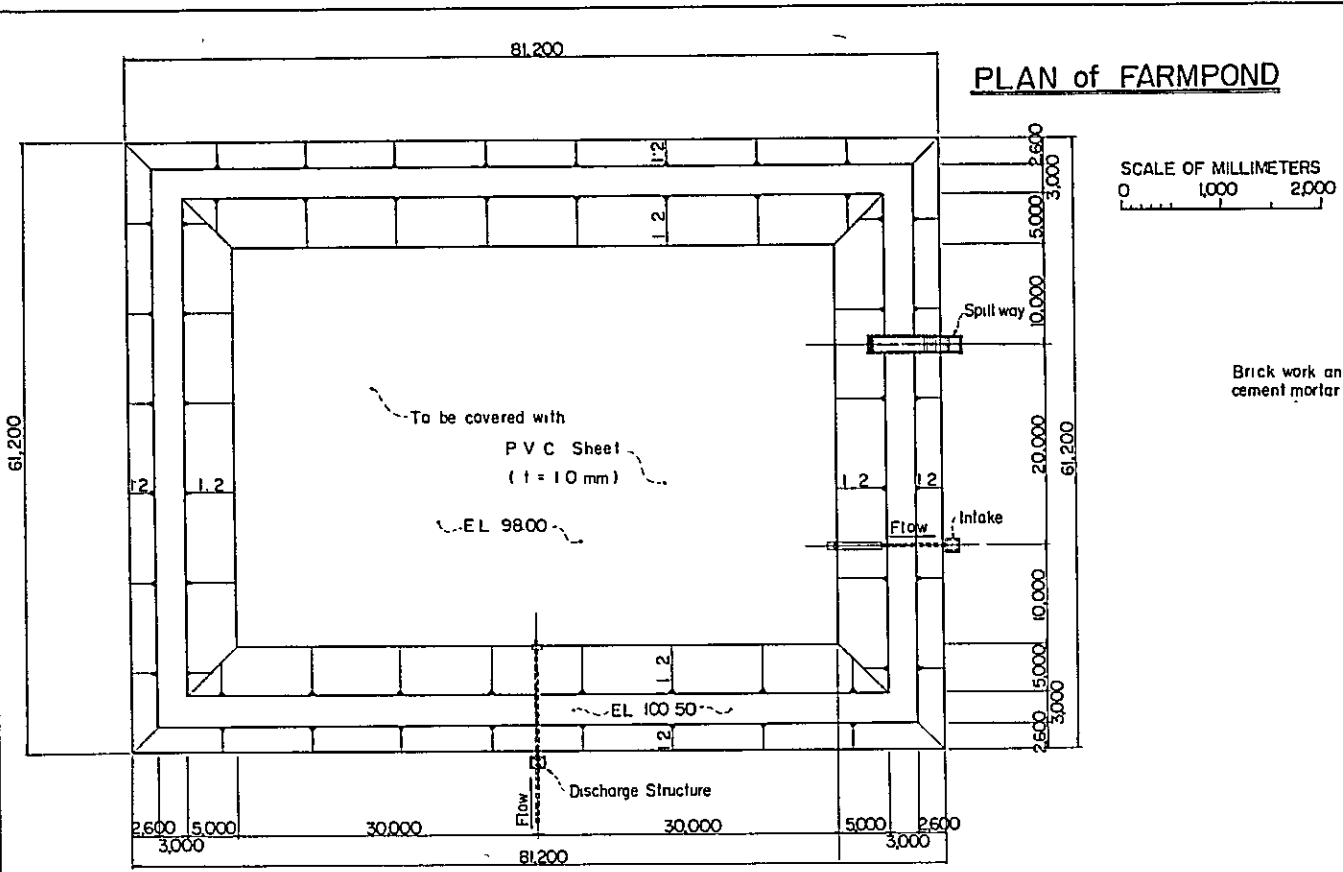


NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
PUMPING STATION
 DETAILS of HOUSING (2)

DRAWN: _____ SUBMITTED: _____
 CHECKED: _____ APPROVED: _____

OVERSEAS TECHNICAL COOPERATION AGENCY
 TOKYO, DATE: JAN, 1972 PLAN NO. B-8



NOTES

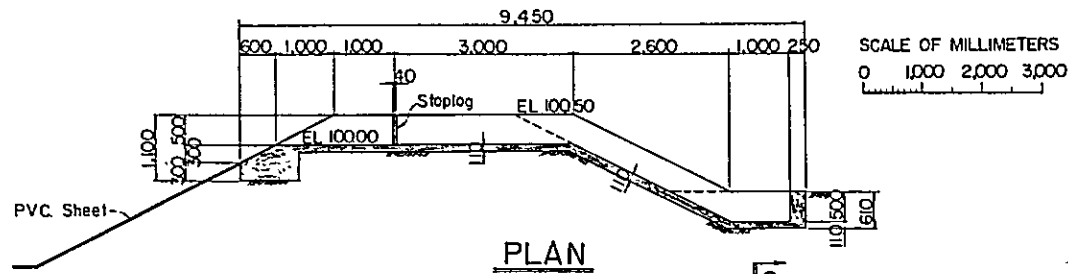
All dimensions are given in millimeters, unless otherwise shown

Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill.

All stations and elevations are given in meters.

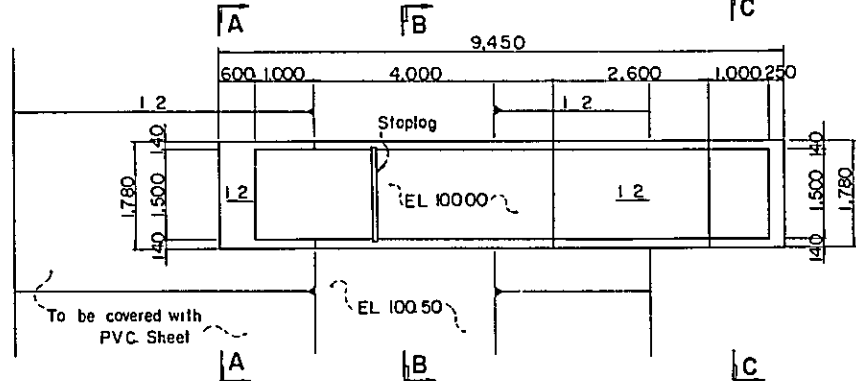
NEPAL	
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT	
FARM POND, DISCHARGE STRUCTURE and INTAKE	
PLAN and SECTIONS	
DRAWN:	SUBMITTED:
CHECKED:	APPROVED:
OVERSEAS TECHNICAL COOPERATION AGENCY	PLAN NO. B-9
TOKYO DATE: JAN. 1972	

PROFILE of SPILLWAY

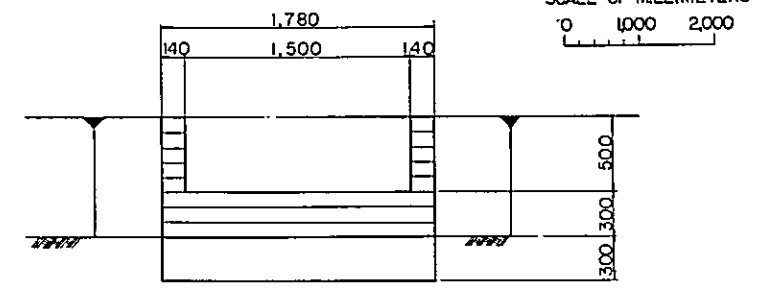


SCALE OF MILLIMETERS
0 1,000 2,000 3,000

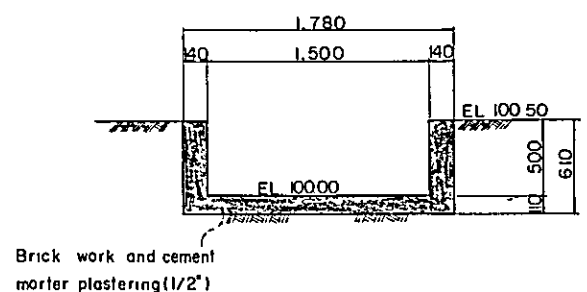
PLAN



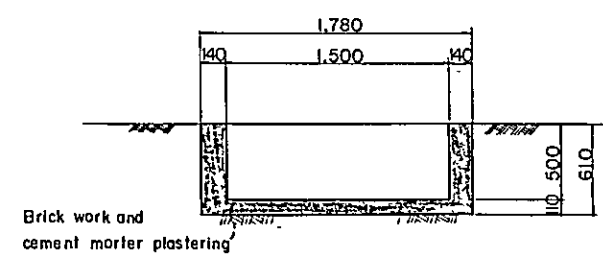
SECTION A-A



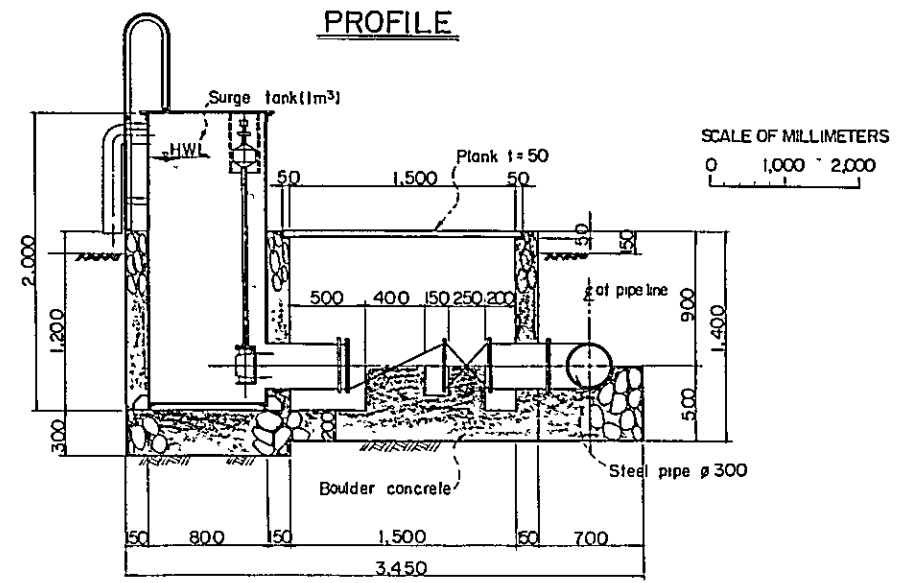
SECTION B-B



SECTION C-C



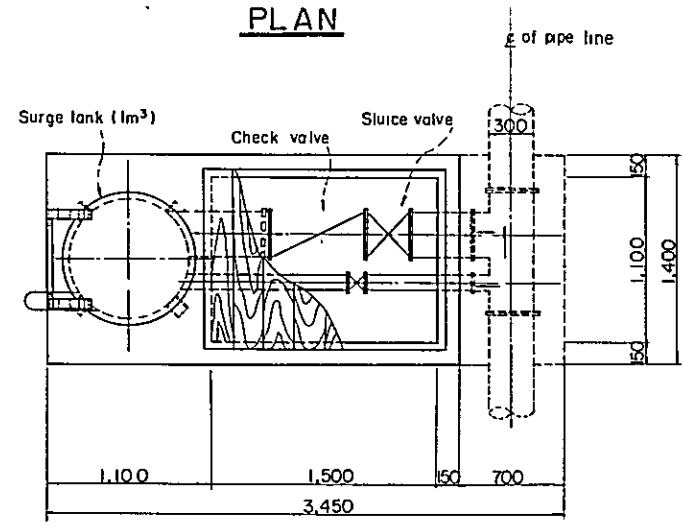
ONEWAY SURGE TANK



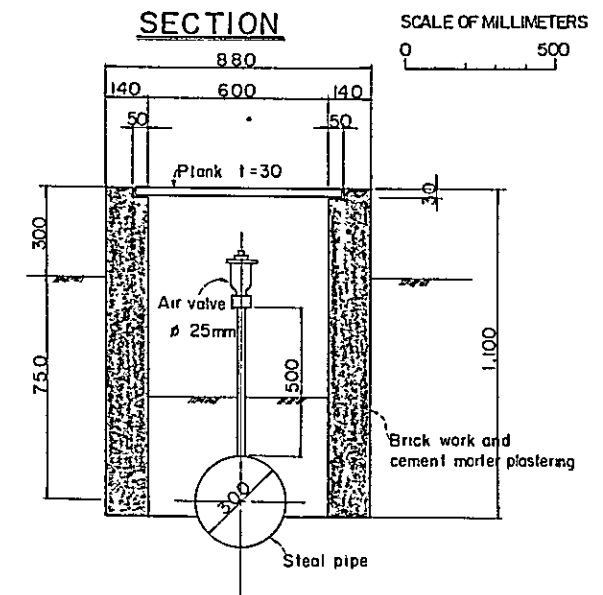
SCALE OF MILLIMETERS
0 1,000 2,000

PROFILE

PLAN



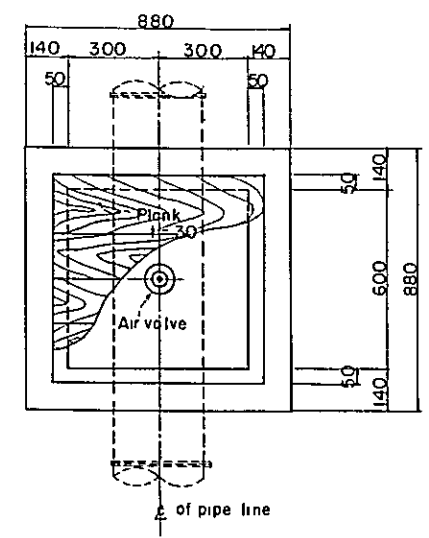
AIR VALVE BOX



SCALE OF MILLIMETERS
0 500

SECTION

PLAN



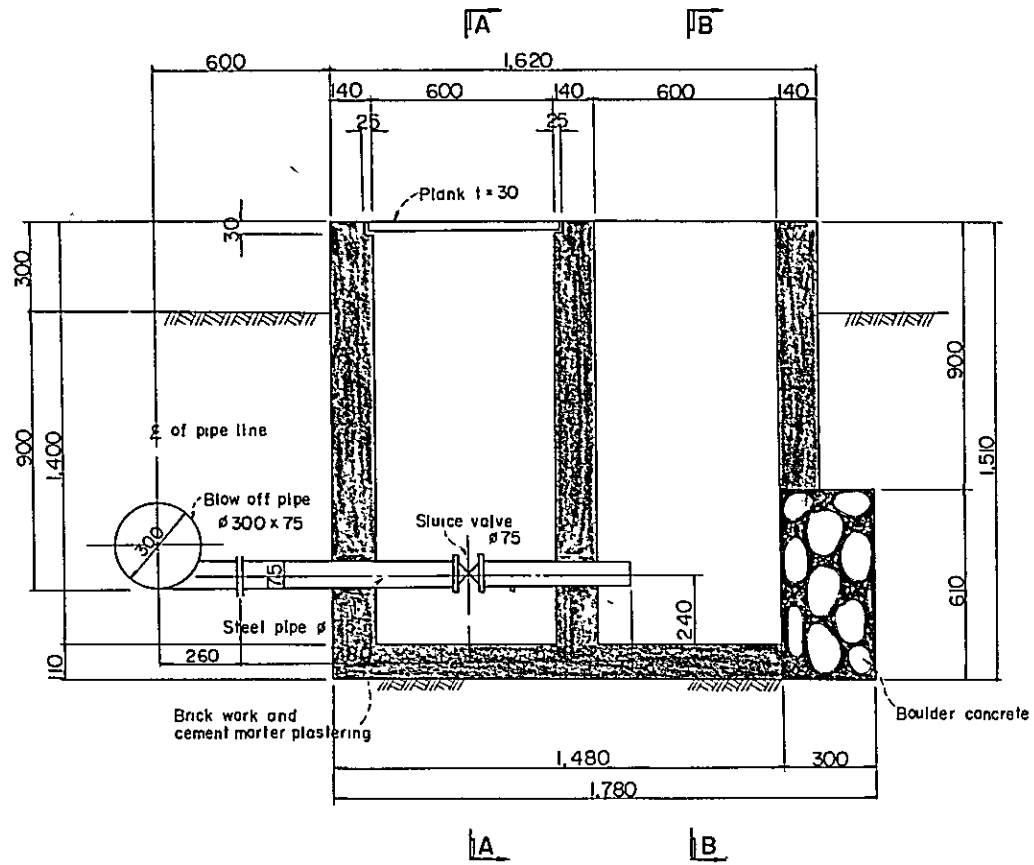
NOTES

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- Base of concrete structure to be placed on undisturbed natural foundation or thoroughly compacted fill.
- All stations and elevations are given in meters.

NEPAL	
REGIONAL AGRICULTURAL DEVELOPMENT PROJECT SPILLWAY, SURGE TANK and AIR VALVE BOX PLAN and SECTIONS	
DRAWN:	SUBMITTED:
CHECKED:	APPROVED:
OVERSEAS TECHNICAL COOPERATION AGENCY TOKYO. DATE: JAN., 1972	PLAN-NO. B-10

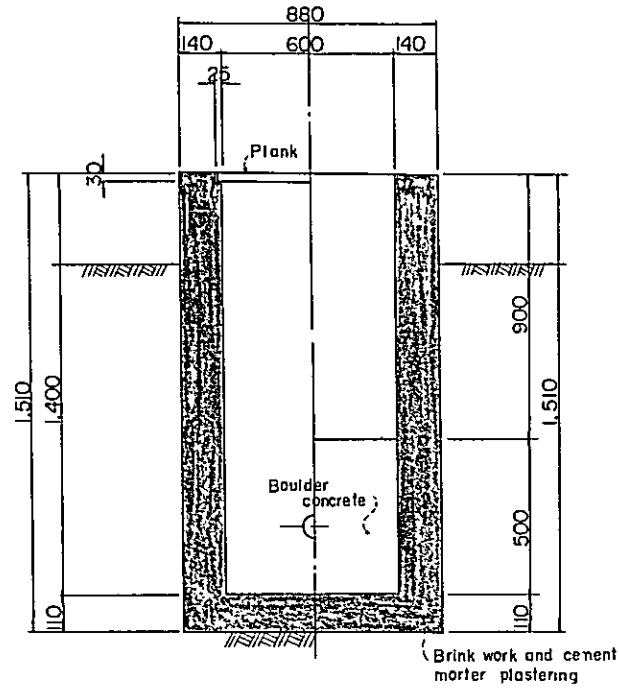
BLOW OFF

PROFILE



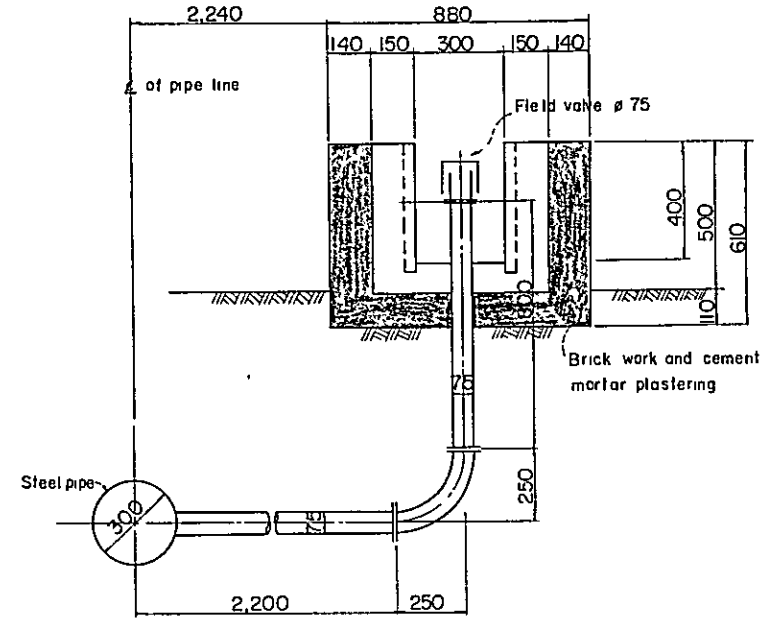
SECTION A-A

SECTION B-B

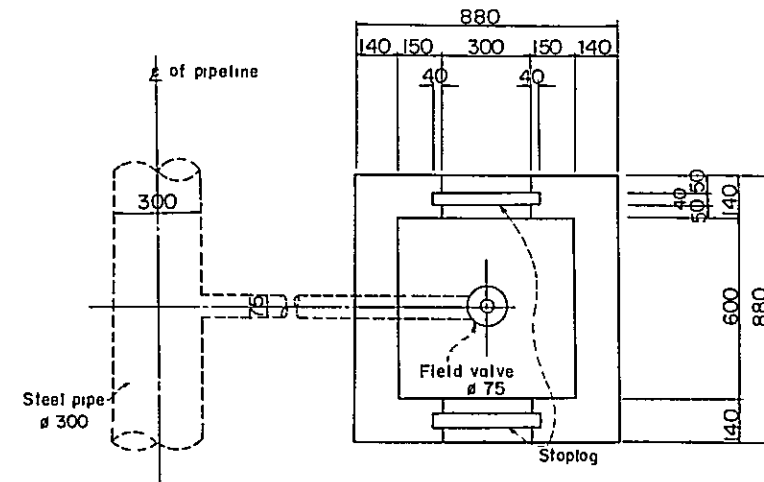


OUTLET

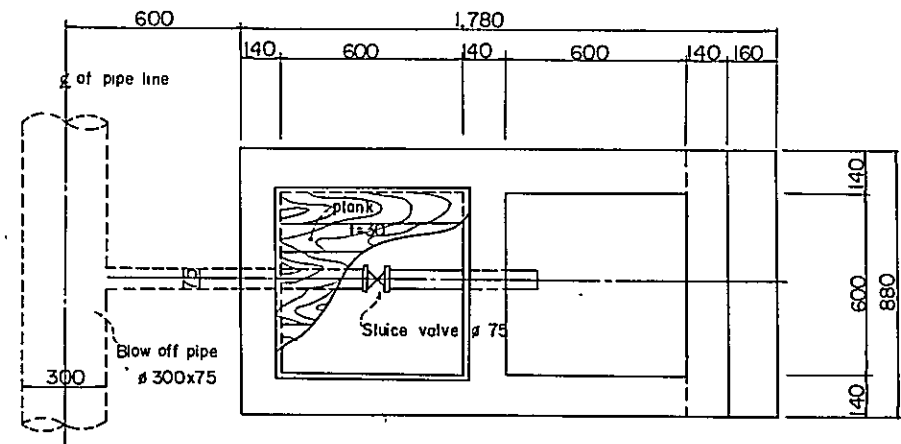
SECTION



PLAN

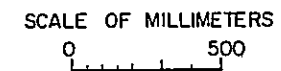


PLAN



NOTES

All dimensions are given in millimeters, unless otherwise shown.
Base of brick work to be placed on undisturbed natural foundation or thoroughly compacted fill.



NEPAL

REGIONAL AGRICULTURAL DEVELOPMENT PROJECT
BLOW OFF and OUTLET
PLAN and SECTIONS

DRAWN: SUBMITTED:
CHECKED: APPROVED:

OVERSEAS TECHNICAL COOPERATION AGENCY
TOKYO, DATE: JAN, 1972 PLAN NO B-II

