

INDIA

MINISTRY OF WATER RESOURCES  
GOVERNMENT OF INDIA

DEPARTMENT OF AREA DEVELOPMENT  
STATE GOVERNMENT OF UTTAR PRADESH

**FEASIBILITY STUDY  
ON  
IRRIGATION AND DRAINAGE  
DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT**

VOLUME III

**DRAWINGS**

NOVEMBER 1991

*Japan International Cooperation Agency*

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FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT  
VOLUME III  
DRAWINGS  
NOVEMBER

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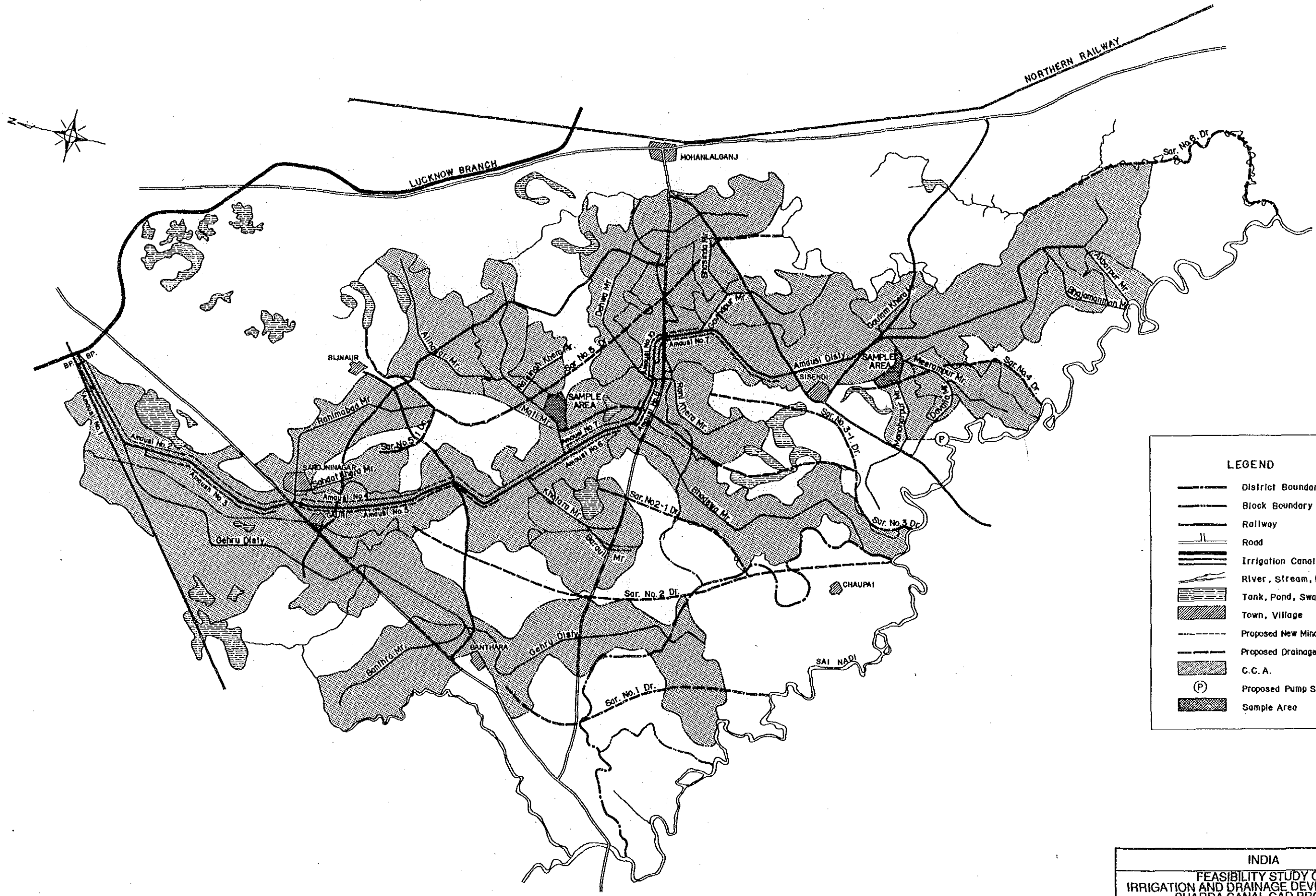
FEASIBILITY STUDY ON IRRIGATION AND DRAINAGE DEVELOPMENT OF SHARDA CANAL CAD PROJECT

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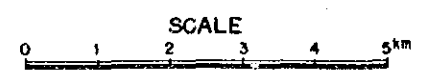
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**LEGEND**

- District Boundary
- Block Boundary
- Railway
- Road
- Irrigation Canal (Existing)
- River, Stream, Drain
- Tank, Pond, Swamp
- Town, Village
- Proposed New Minor Canal
- Proposed Drainage Canal
- C.C.A.
- Proposed Pump Station
- Sample Area

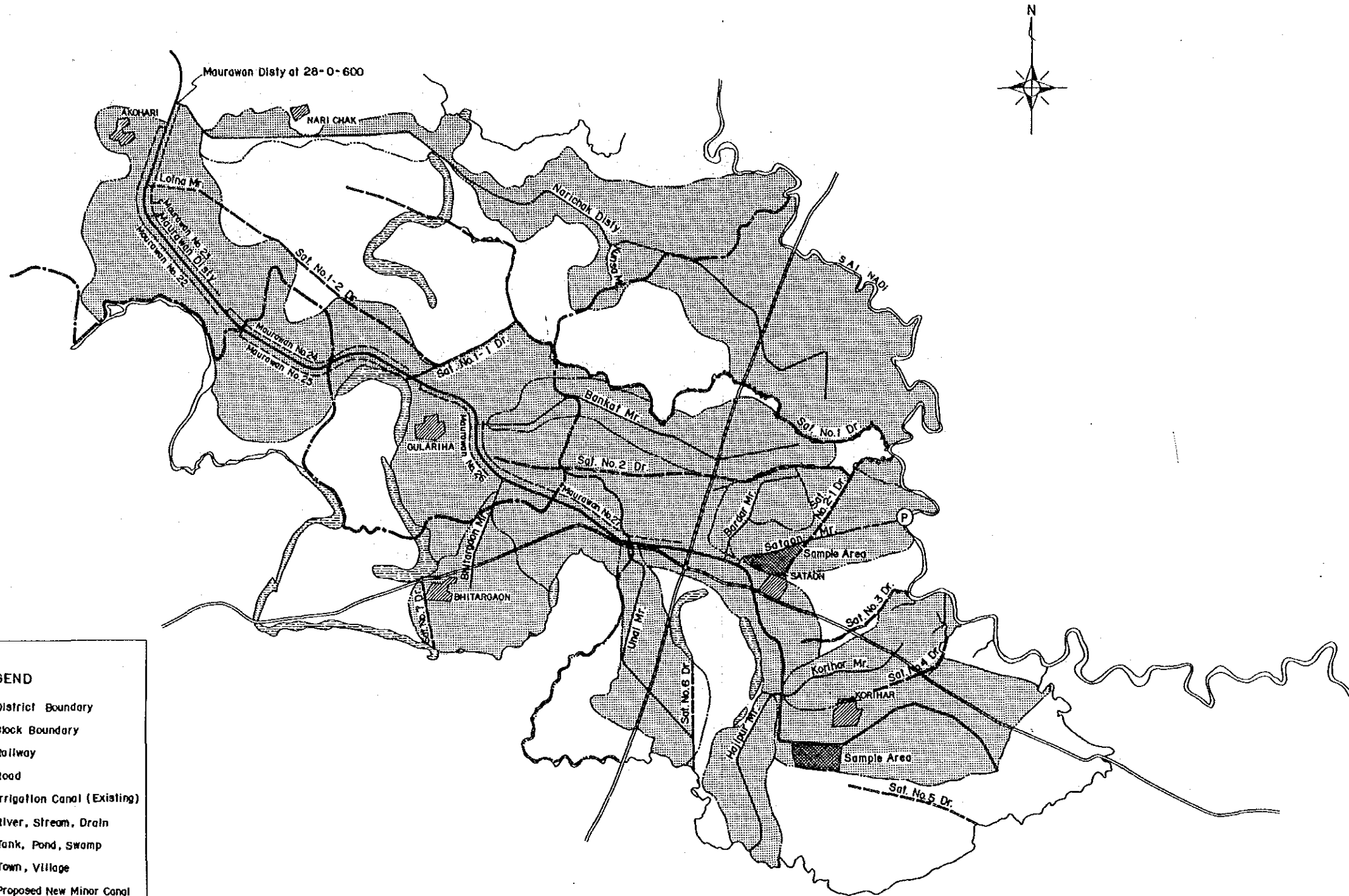


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FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT

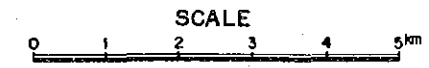
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AND DRAINAGE SYSTEM  
IN SAROJINI NAGAR AREA

JAPAN INTERNATIONAL COOPERATION AGENCY

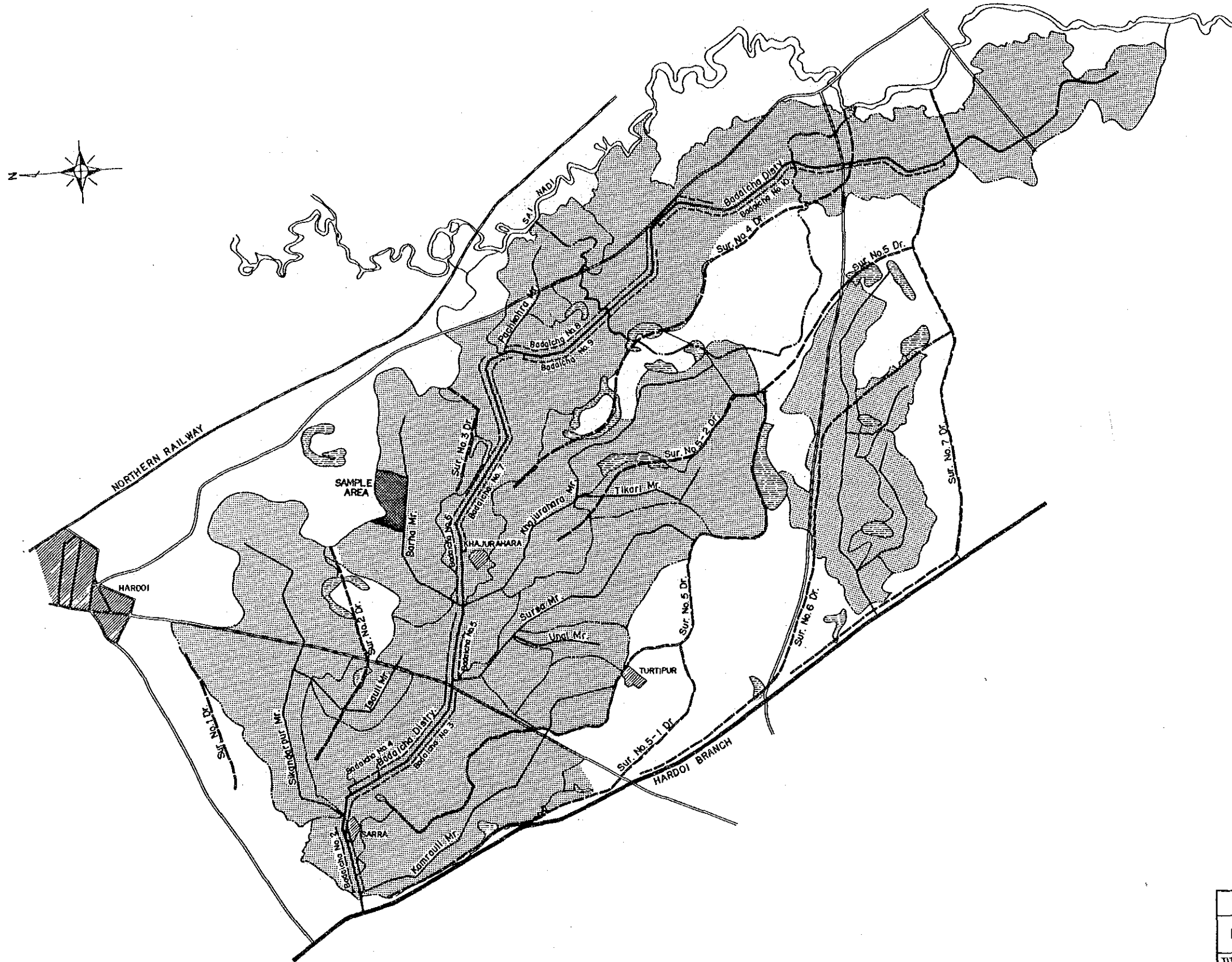


**LEGEND**

- District Boundary
- Block Boundary
- Railway
- Road
- Irrigation Canal (Existing)
- River, Stream, Drain
- Tank, Pond, Swamp
- Town, Village
- Proposed New Minor Canal
- Proposed Drainage Canal
- C.C.A.
- Proposed Pump Station
- Sample Area

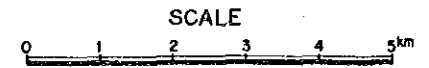


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FEASIBILITY STUDY ON IRRIGATION AND DRAINAGE DEVELOPMENT OF SHARDA CANAL CAD PROJECT	
TITLE :	GENERAL LAYOUT OF PROPOSED IRRIGATION AND DRAINAGE SYSTEM IN SATAON AREA
JAPAN INTERNATIONAL COOPERATION AGENCY	



**LEGEND**

- Block Boundary
- Railway
- Road
- Irrigation Canal (Existing)
- River, Stream, Drain
- Tank, Pond, Swamp
- Town, Village
- Proposed New Minor Canal
- Proposed Drainage Canal
- C.C.A.
- Proposed Pump Station
- Sample Area



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 IRRIGATION AND DRAINAGE DEVELOPMENT OF  
 SHARDA CANAL CAD PROJECT

TITLE: GENERAL LAYOUT  
 OF PROPOSED IRRIGATION  
 AND DRAINAGE SYSTEM  
 IN SURSA AREA

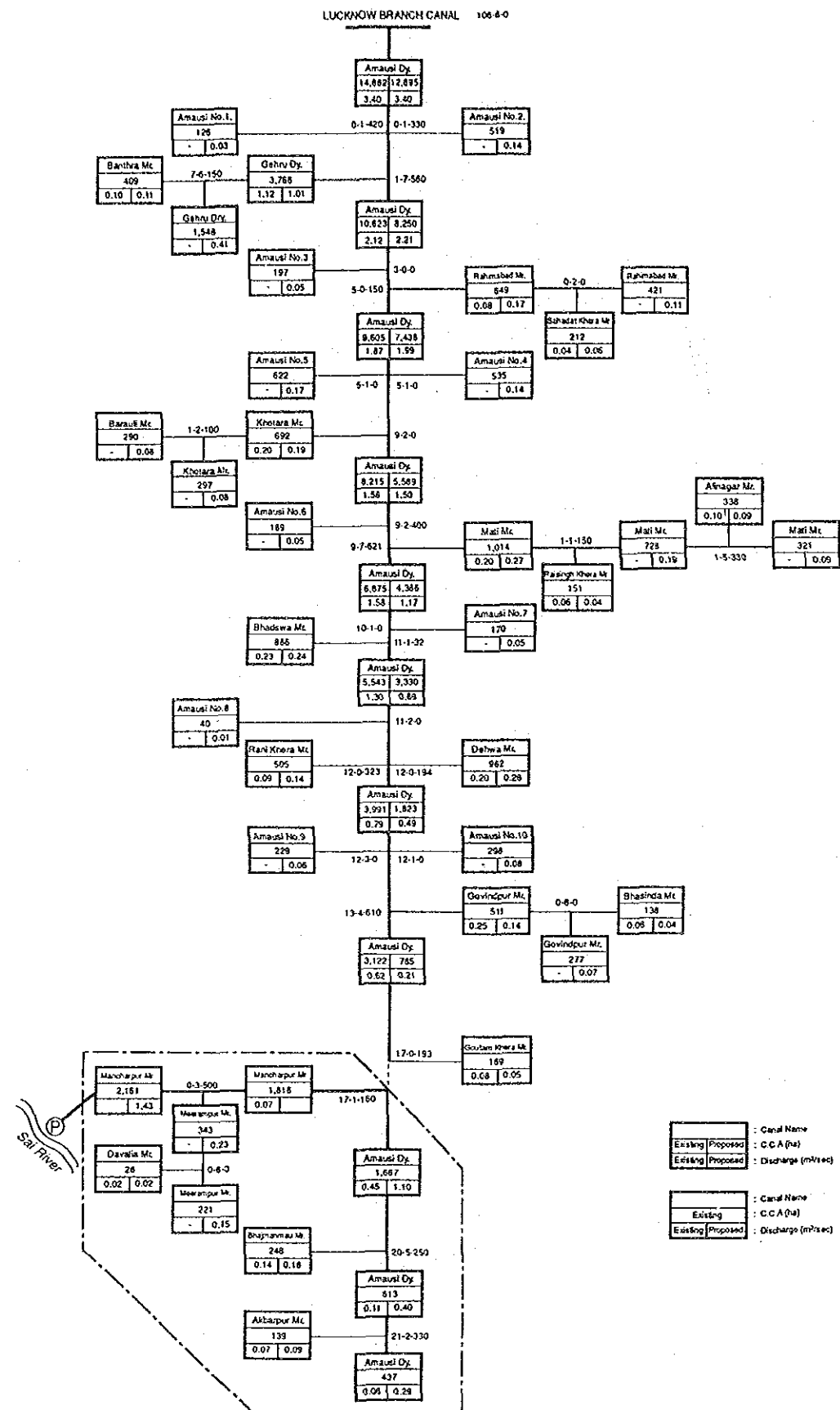
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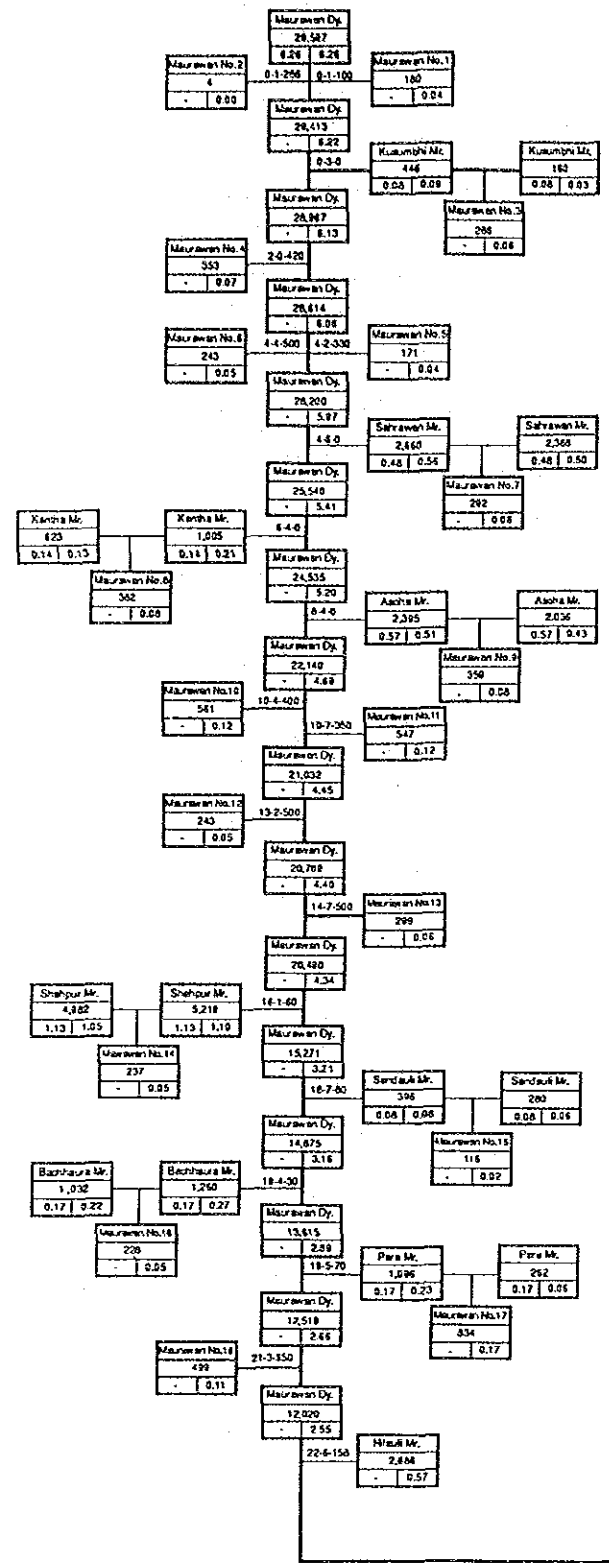
LEGEND	
	District Boundary
	Block Boundary
	Railway
	Road
	Irrigation Canal (Existing)
	River, Stream, Drain
	Tank, Pond, Swamp
	Town, Village
	Proposed New Minor Canal
	Proposed Drainage Canal
	C.C.A.
	Proposed Pump Station
	Sample Area



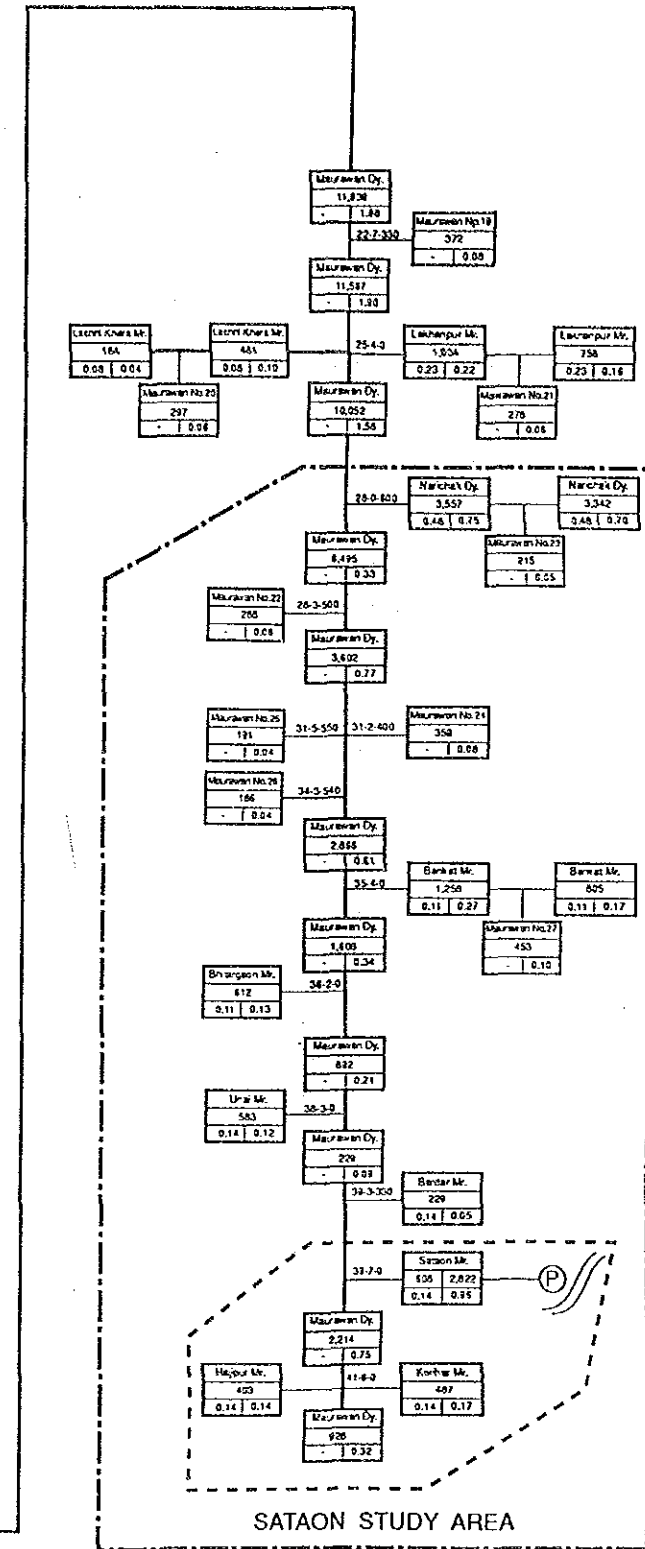
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FEASIBILITY STUDY OF IRRIGATION AND DRAINAGE DEVELOPMENT OF SHARDA CANAL CAD PROJECT	
TITLE:	GENERAL LAYOUT OF PROPOSED IRRIGATION AND DRAINAGE SYSTEM IN PURWA AREA
JAPAN INTERNATIONAL COOPERATION AGENCY	



Irrigation Diagram of Sarojini Nagar Area



Irrigation Diagram of Sataon Area



SATAON STUDY AREA

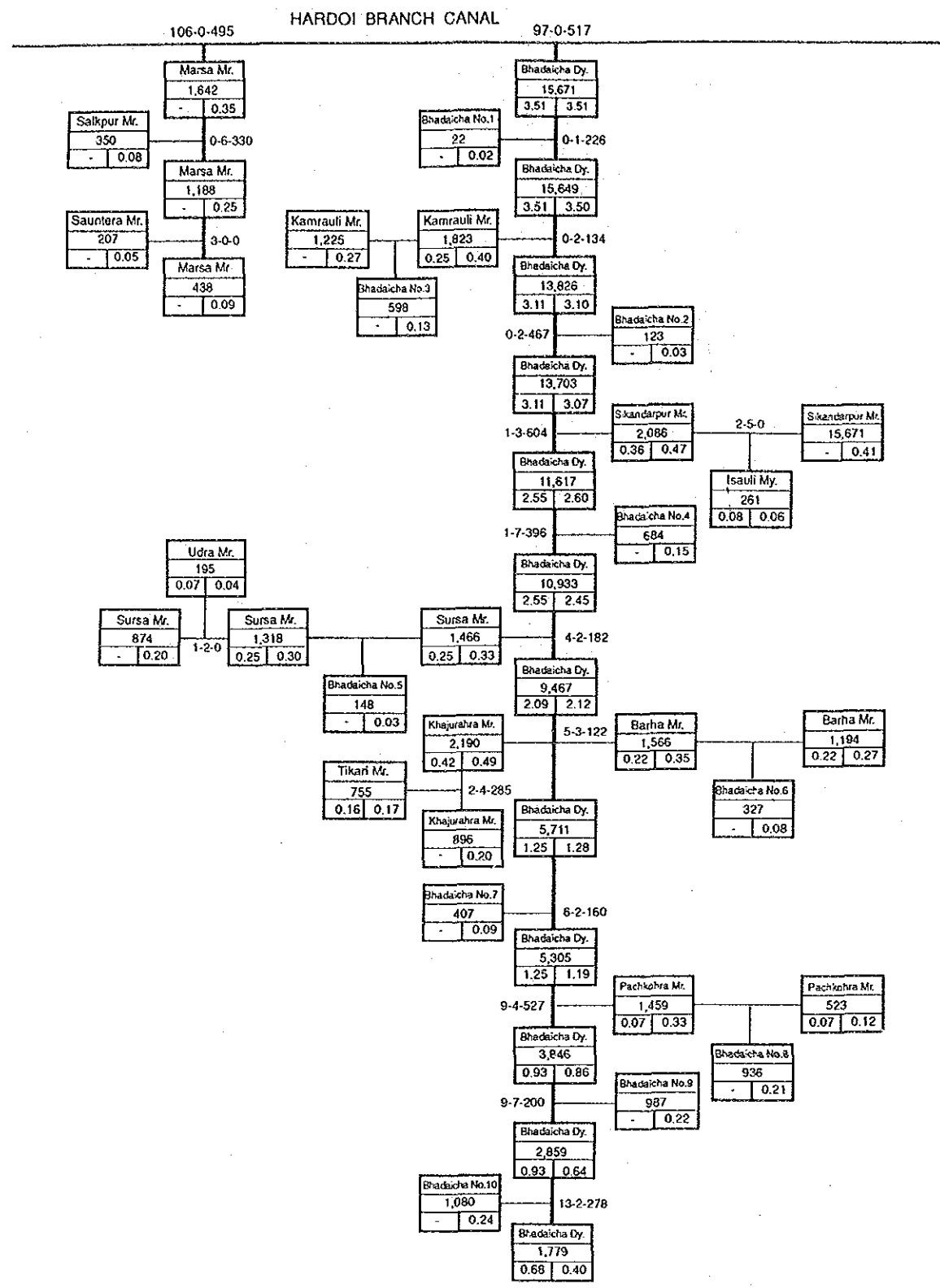
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SHARDA CANAL CAD PROJECT

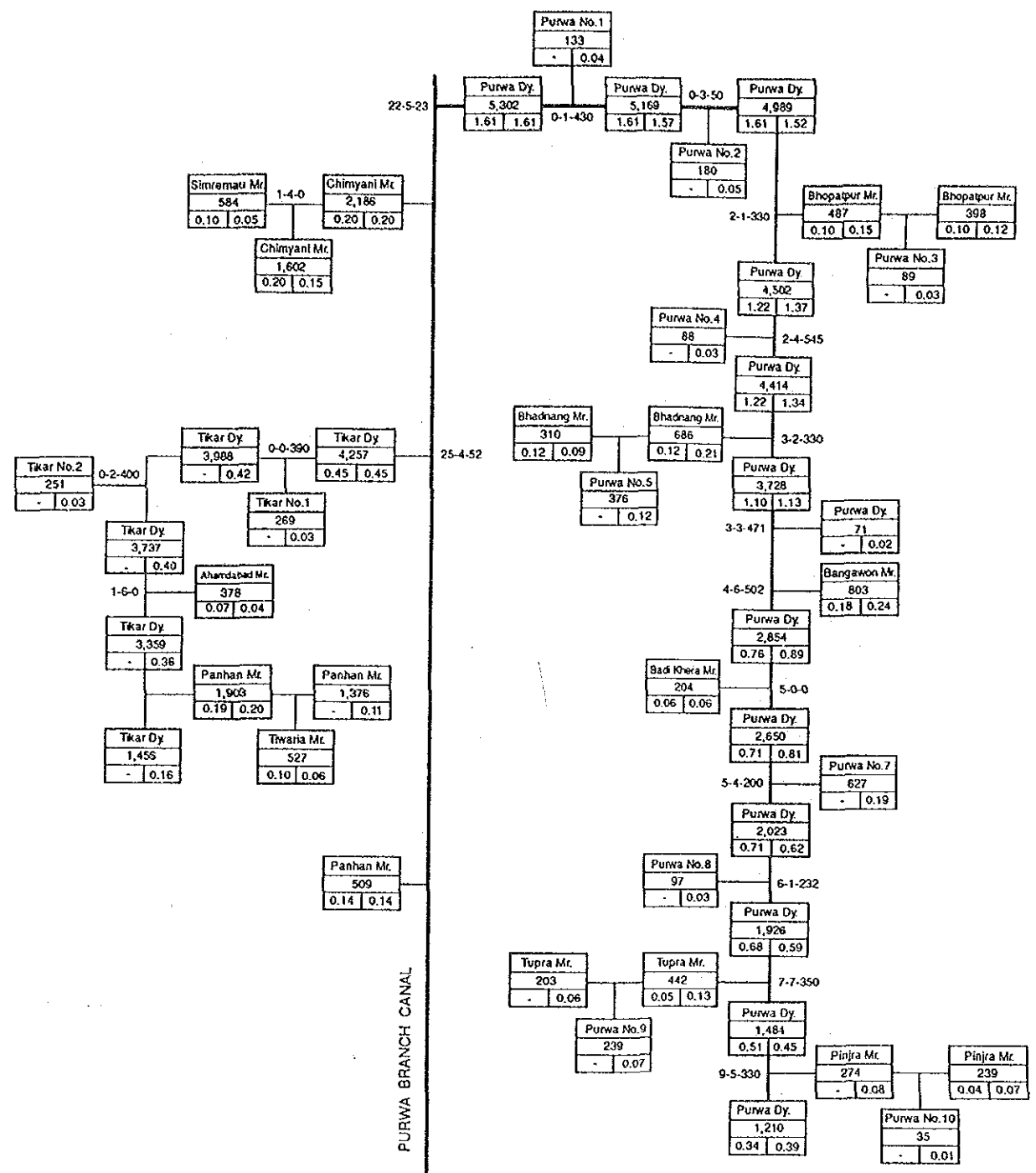
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IRRIGATION DIAGRAM  
OF SAROJINI NAGAR AND SATAON AREAS

JAPAN INTERNATIONAL COOPERATION AGENCY



Irrigation Diagram of Sursa Area



Irrigation Diagram of Purwa Area

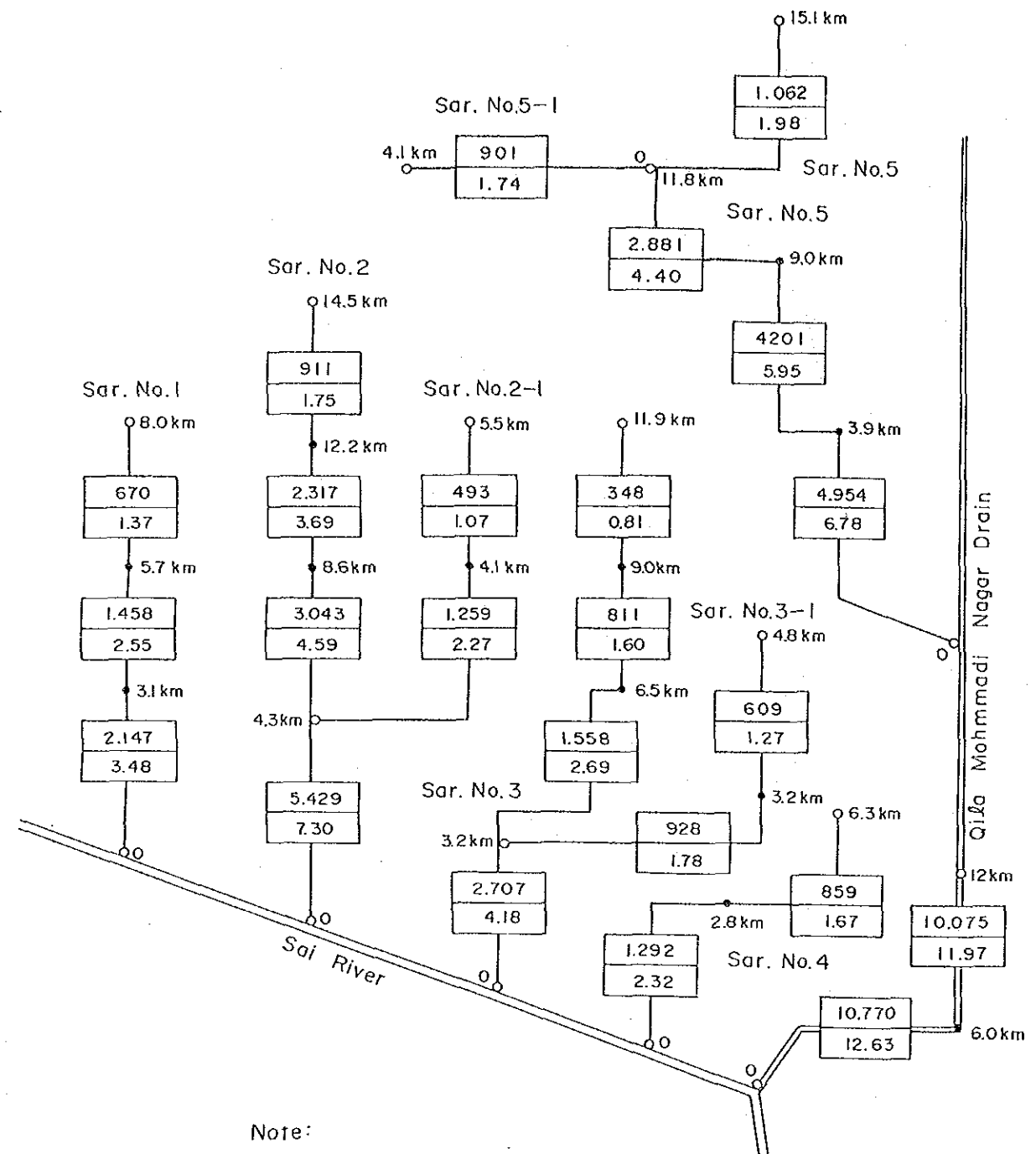
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FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT

TITLE:

IRRIGATION DIAGRAM  
OF SURSA AND PURWA AREAS

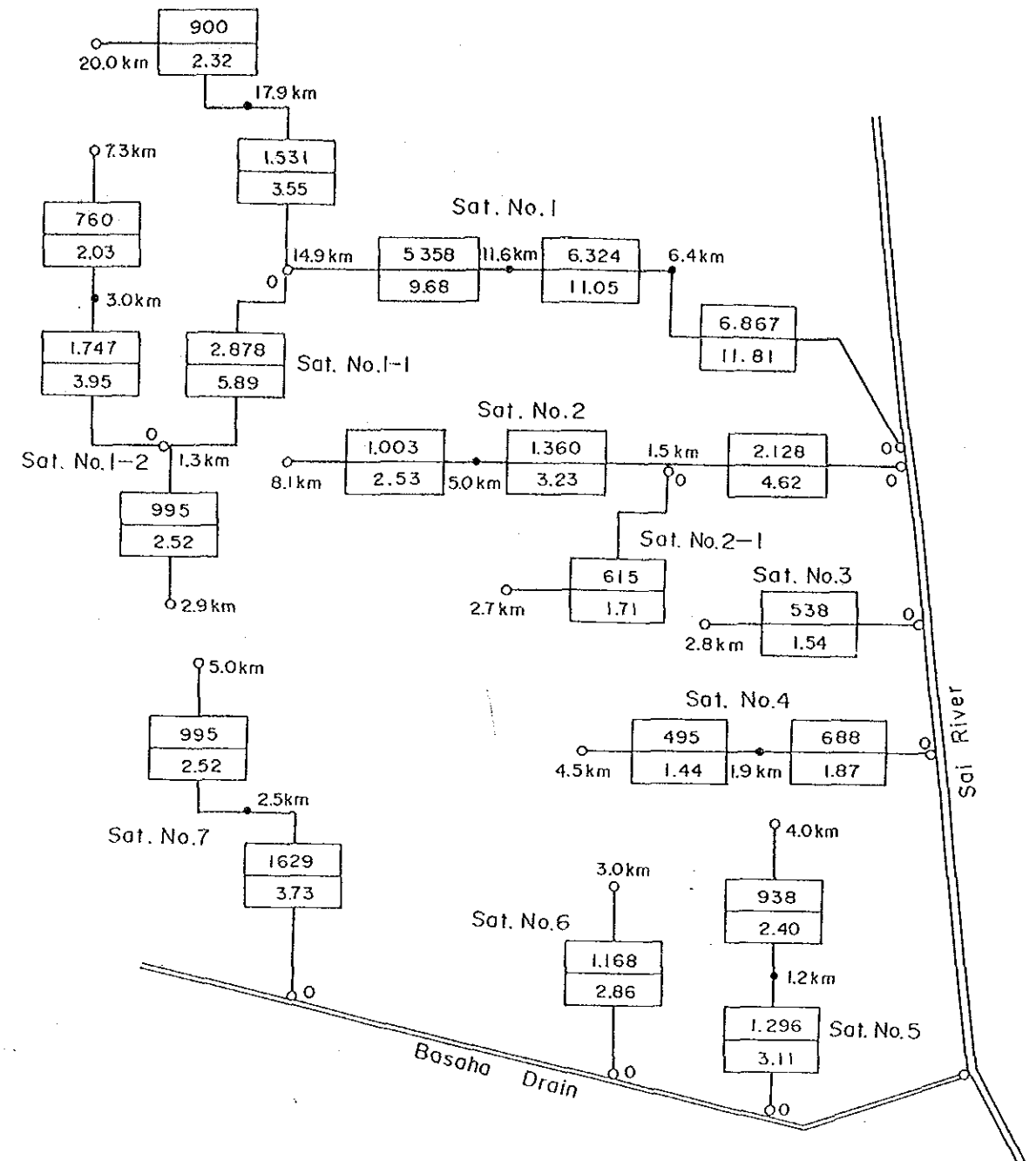
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Note:  

A =	A is the catchment area in ha
Q =	Q is the drainage discharge in cu.m

Proposed Drainage System in Sarojini Nagar Study Area

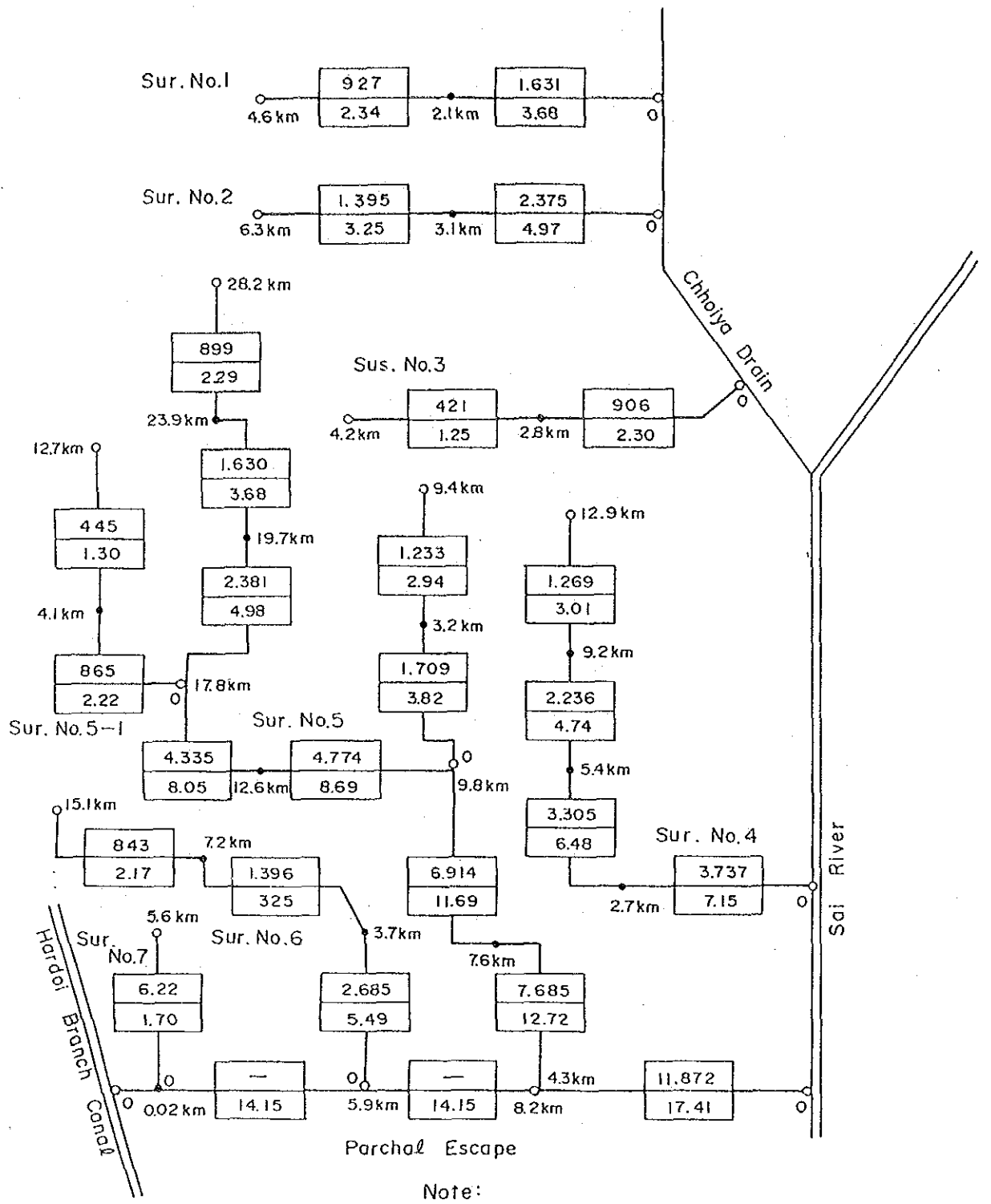


Note:  

A =	A is the catchment area in ha
Q =	Q is the drainage discharge in cu.m

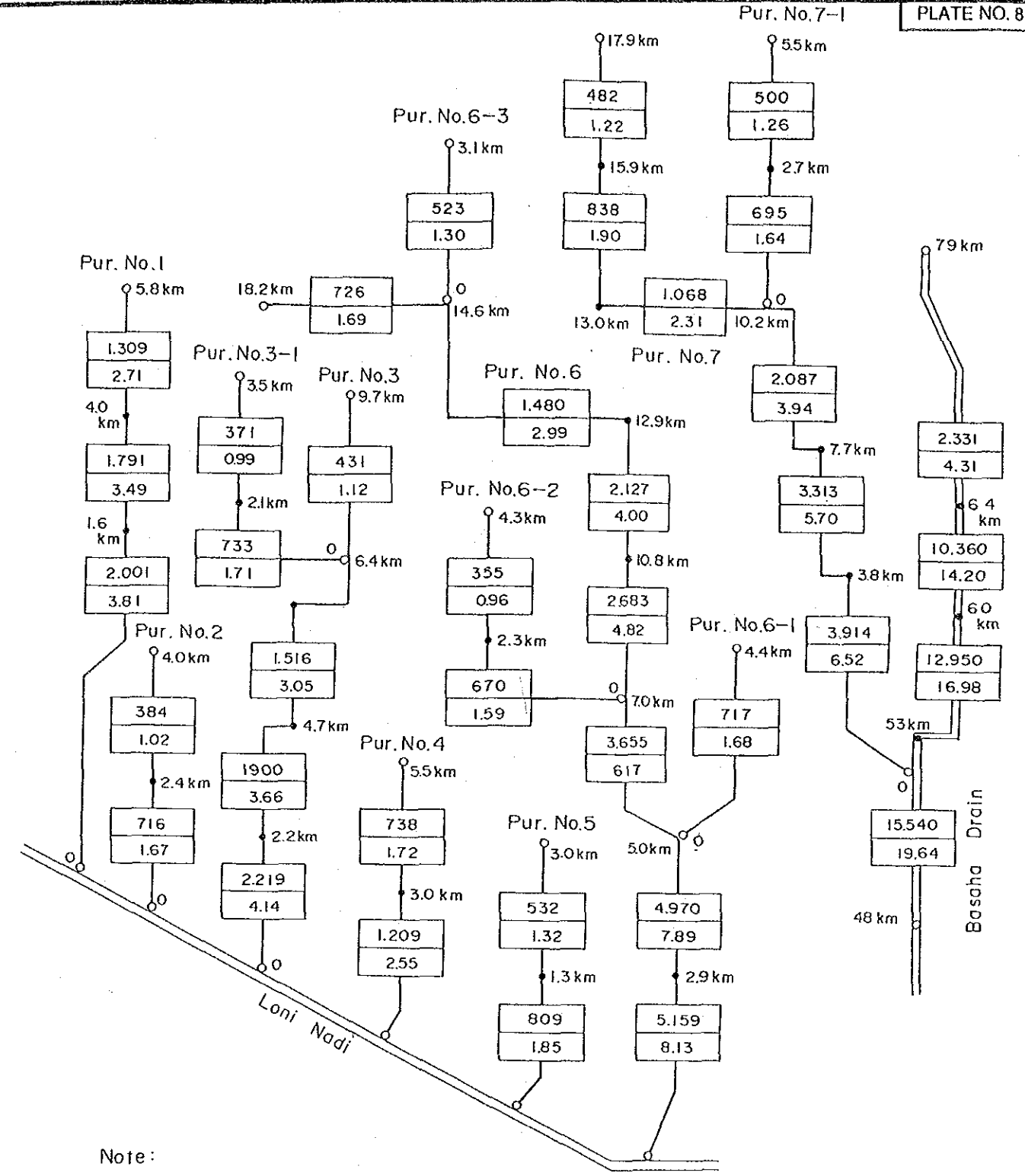
Proposed Drainage System in Sataon Study Area

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FEASIBILITY STUDY ON IRRIGATION AND DRAINAGE DEVELOPMENT OF SHARDA CANAL CAD PROJECT	
TITLE:	
DRAINAGE DIAGRAM OF SAROJINI NAGAR AND SATAON AREAS	
JAPAN INTERNATIONAL COOPERATION AGENCY	



Note:  
 A = A is the catchment area in ha  
 Q = Q is the drainage discharge in cu.m

Proposed Drainage System in Sursa Study Area



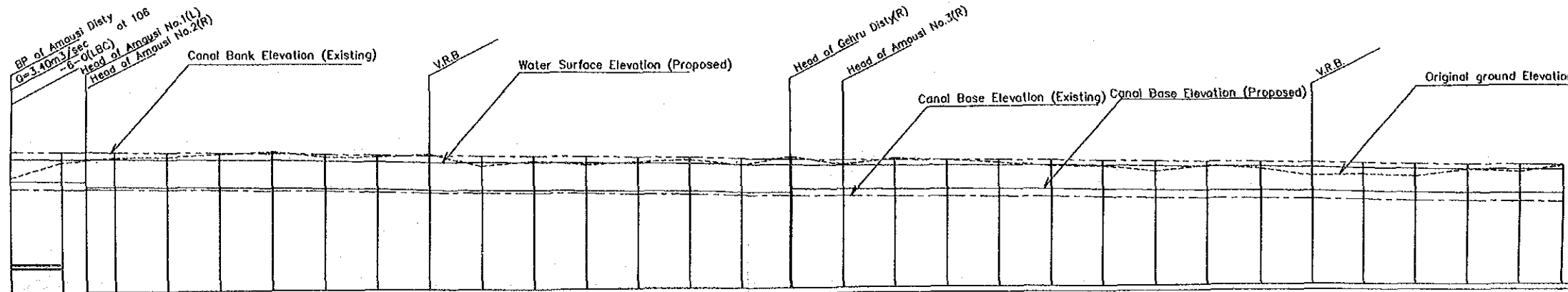
Note:  
 A = A is the catchment area in ha  
 Q = Q is the drainage discharge in cu.m

Proposed Drainage System in Purwa Study Area

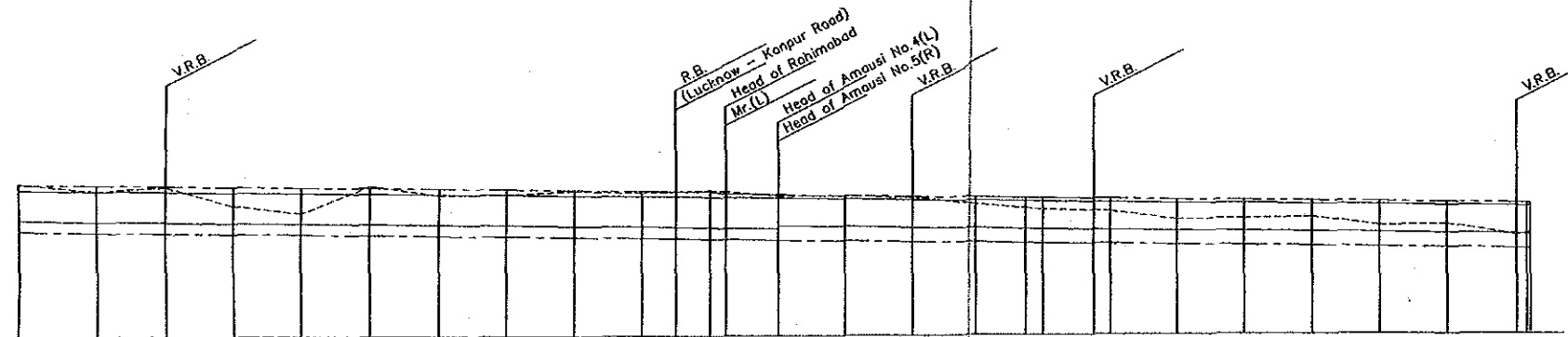
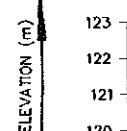
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TITLE:	
DRAINAGE DIAGRAM OF SURSA AND PURWA AREAS	
JAPAN INTERNATIONAL COOPERATION AGENCY	



Amausi Disty (1/4)

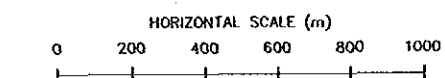


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION
0-0-0	0	0	121.87	121.46	121.75	122.61	121.75	Q=3.40m³/s, I=1/8200, B=6.0m, h=1.06m, v=0.43m/s
0-1-0	20	20	122.46	121.43	121.73	122.59	121.73	
0-1-500	5	293	122.53	121.42	121.85	122.57	121.71	
0-2-0	110	402	122.52	121.41	121.83	122.56	121.50	
0-3-0	201	503	122.64	121.38	121.80	122.54	121.46	
0-4-0	201	505	122.73	121.35	121.78	122.51	121.45	
0-5-0	201	1006	122.82	121.32	121.75	122.49	121.43	
0-6-0	201	1207	122.61	121.30	121.72	122.46	121.40	
0-7-0	5	1408	122.62	121.27	121.69	122.44	121.38	
1-0-0	201	1509	122.72	121.24	121.67	122.41	121.36	
1-1-0	201	1810	122.23	121.21	121.62	122.38	121.32	
1-2-0	201	2011	122.40	121.18	121.59	122.35	121.29	
1-3-0	201	2212	122.29	121.16	121.57	122.33	121.27	
1-4-0	201	2414	122.35	121.13	121.54	122.30	121.24	
1-5-0	201	2615	122.42	121.10	121.52	122.28	121.22	
1-6-0	201	2816	122.23	121.07	121.49	122.25	121.19	
1-6-45	196	3012	122.54	121.05	121.44	122.23	121.17	
1-7-0	5	3017	122.55	121.05	121.44	122.23	121.17	
2-0-0	201	3218	122.23	121.02	121.41	122.20	121.14	
2-1-0	201	3419	122.43	120.99	121.39	122.18	121.12	
2-2-0	201	3520	122.35	120.98	121.38	122.15	121.11	
2-3-0	201	3621	122.23	120.95	121.35	122.13	121.10	
2-4-0	201	4023	122.08	120.91	121.30	122.11	121.09	
2-5-0	201	4224	122.06	120.88	121.27	122.08	121.08	
2-6-0	201	4425	121.86	120.85	121.25	122.06	121.07	
2-7-0	201	4626	122.07	120.82	121.22	122.03	121.06	
3-0-0	201	4827	121.93	120.80	121.19	122.01	121.05	
3-1-0	201	5028	121.65	120.77	121.16	121.98	121.04	
3-2-0	201	5229	121.71	120.74	121.14	121.95	121.03	
3-3-0	201	5430	121.63	120.71	121.11	121.92	121.02	
3-4-0	201	5632	121.88	120.69	121.08	121.90	121.01	
3-5-0	201	5833	121.77	120.66	121.05	121.87	120.99	
	167	6000	122.00	120.64	121.03	121.85	120.98	



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION
3-7-0	201	6335	121.83	120.80	121.02	121.85	120.95	Q=2.17m³/s, I=1/8200, B=5.3m, h=0.90m, v=0.39m/s
4-0-0	201	6436	121.84	120.87	121.09	121.86	120.98	
4-1-0	201	6637	121.39	120.85	121.07	121.77	120.97	
4-2-0	201	6838	121.14	120.82	121.04	121.74	120.94	
4-3-0	201	7039	121.85	120.79	121.01	121.72	120.92	
4-4-0	201	7241	121.67	120.76	120.98	121.69	120.89	
4-5-0	201	7442	121.87	120.73	120.95	121.67	120.87	
4-6-0	201	7643	121.78	120.70	120.92	121.64	120.84	
4-7-0	201	7844	121.72	120.67	120.89	121.62	120.82	
4-7-330	101	7944	121.75	120.64	120.86	121.60	120.80	
5-0-0	101	8045	121.78	120.61	120.83	121.57	120.77	
5-0-150	46	8091	121.75	120.58	120.80	121.55	120.75	
5-1-0	155	8246	121.63	120.55	120.77	121.53	120.73	
5-2-0	201	8447	121.63	120.52	120.74	121.51	120.71	
5-3-0	201	8648	121.56	120.49	120.71	121.49	120.69	
5-4-0	201	8850	121.37	120.46	120.68	121.47	120.67	
5-4-095	151	9000	121.25	120.43	120.65	121.45	120.65	
5-5-0	50	9051	121.27	120.40	120.62	121.43	120.63	
5-5-500	132	9203	121.17	120.37	120.59	121.41	120.61	
5-6-0	49	9252	121.15	120.34	120.56	121.39	120.59	
5-7-0	201	9453	120.90	120.31	120.53	121.37	120.57	
5-8-0	201	9654	120.92	120.28	120.50	121.35	120.55	
5-1-0	201	9855	120.95	120.25	120.47	121.33	120.53	
5-2-0	201	10056	120.70	120.22	120.44	121.31	120.51	
5-3-0	201	10257	120.73	120.19	120.41	121.29	120.49	
5-4-0	201	10458	120.45	120.16	120.38	121.27	120.47	
5-4-100	201	10488	120.44	120.13	120.35	121.25	120.45	
5-5-0	201	10556	120.47	120.10	120.32	121.23	120.43	

BRICK LINING



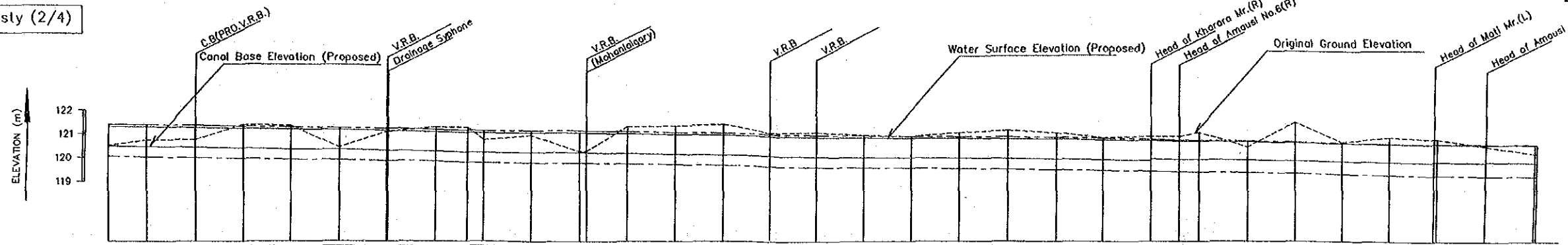
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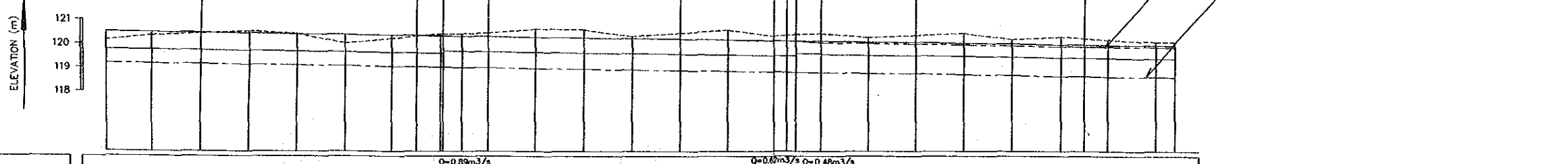
TITLE :  
PROFILE OF AMAUSI  
DISTRIBUTARY CANAL  
IN SAROJINI NAGAR AREA (1/4)

JAPAN INTERNATIONAL COOPERATION AGENCY

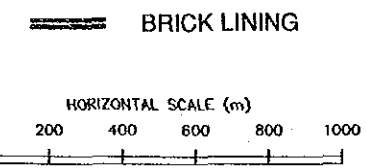
Amausi Disty (2/4)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL DIMENSION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION
6-5-0	160	10500	120.47	120.02	$Q = 1.65 \text{ m}^3/\text{s}, I = 1/8200$ $B = 4.8 \text{ m}, h = 0.82 \text{ m}, v = 0.37 \text{ m/s}$	120.44	121.26
6-6-0	201	10561	120.71	120.35		120.44	121.24
6-7-0	201	10584	120.71	120.35		120.39	121.21
6-8-0	201	10652	121.34	120.94		120.35	121.18
6-9-0	201	11253	121.30	120.91		120.53	121.15
6-10-0	201	11464	120.40	120.04		120.31	121.13
6-11-0	201	11665	121.05	120.69		120.23	121.05
6-12-0	201	11670	121.05	120.69		120.22	121.04
6-13-0	201	11856	121.27	120.91		120.25	121.07
6-14-0	201	12000	121.27	120.91		120.23	121.05
6-15-0	201	12056	121.75	121.39		120.22	121.04
6-16-0	201	12269	120.91	120.55		120.20	121.02
6-17-0	201	12470	120.22	119.86		120.17	120.99
6-18-0	201	12500	120.23	119.87		120.17	120.99
6-19-0	201	12571	121.25	120.89		120.14	120.96
6-20-0	201	12672	121.28	120.92		120.11	120.93
6-21-0	201	13073	121.36	121.00		120.09	120.91
6-22-0	201	13274	121.02	120.66		120.06	120.88
6-23-0	201	13475	121.08	120.72		120.04	120.85
6-24-0	201	13677	120.84	120.48		120.01	120.85
6-25-0	201	13878	120.88	120.52		120.01	120.85
6-26-0	201	14079	121.02	120.66		120.55	120.78
6-27-0	201	14280	121.10	120.74		120.83	120.75
6-28-0	201	14481	120.99	120.63		120.60	120.73
6-29-0	201	14682	120.79	120.43		120.77	120.70
6-30-0	201	14883	120.85	120.49		120.74	120.68
6-31-0	117	15005	120.85	120.49		120.70	120.68
6-32-0	84	15084	121.01	120.65		120.68	120.65
6-33-0	201	15286	120.61	120.25		120.65	120.63
6-34-0	201	15487	121.44	122.04		120.63	120.60
6-35-0	201	15589	120.63	120.23		120.60	120.56
6-36-0	201	15689	120.84	120.44		120.57	120.55
6-37-0	189	16076	120.74	120.34		120.54	120.51
6-38-0	12	16090	120.73	120.33		120.54	120.51
6-39-0	201	16291	120.44	120.08		120.52	120.51
6-40-0	201	16482	120.12	119.76		120.49	120.46
6-41-0	201	16500	120.13	119.77		120.49	120.46



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL DIMENSION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION
10-3-0	193	16500	120.13	119.19	$Q = 1.12 \text{ m}^3/\text{s}, I = 1/8200$ $B = 3.9 \text{ m}, h = 0.72 \text{ m}, v = 0.34 \text{ m/s}$	119.76	120.48
10-4-0	201	16653	120.33	119.16		119.74	120.46
10-5-0	201	16895	120.40	119.13		119.71	120.43
10-6-0	201	17096	120.49	119.10		119.69	120.40
10-7-0	201	17297	120.39	119.08		119.65	120.37
10-8-0	201	17498	120.99	119.05		119.63	120.35
10-9-0	201	17699	120.18	119.02		119.60	120.32
10-10-0	101	17800	120.28	119.01		119.59	120.31
10-11-0	101	17900	120.35	118.99		119.57	120.29
10-12-0	90	17910	120.35	118.99		119.56	120.29
10-13-0	101	17990	120.38	118.99		119.55	120.28
10-14-0	101	18101	120.41	118.97		119.54	120.26
10-15-0	201	18302	120.36	118.94		119.51	120.24
10-16-0	201	18504	120.35	118.93		119.50	120.21
10-17-0	201	18705	120.28	118.90		119.49	120.19
10-18-0	201	18906	120.41	118.88		119.47	120.17
10-19-0	201	19107	120.54	118.85		119.45	120.14
10-20-0	201	19308	120.29	118.82		119.43	120.11
10-21-0	201	19509	120.32	118.79		119.41	120.09
10-22-0	201	19710	120.35	118.77		119.39	120.07
10-23-0	201	19911	120.32	118.74		119.37	120.05
10-24-0	201	20113	120.41	118.72		119.35	120.03
10-25-0	201	20314	120.16	118.69		119.33	120.01
10-26-0	201	20515	120.28	118.67		119.31	119.99
10-27-0	101	20716	120.20	118.65		119.29	119.97
10-28-0	101	20917	120.13	118.63		119.27	119.95
10-29-0	201	21000	120.04	118.60		119.25	119.93

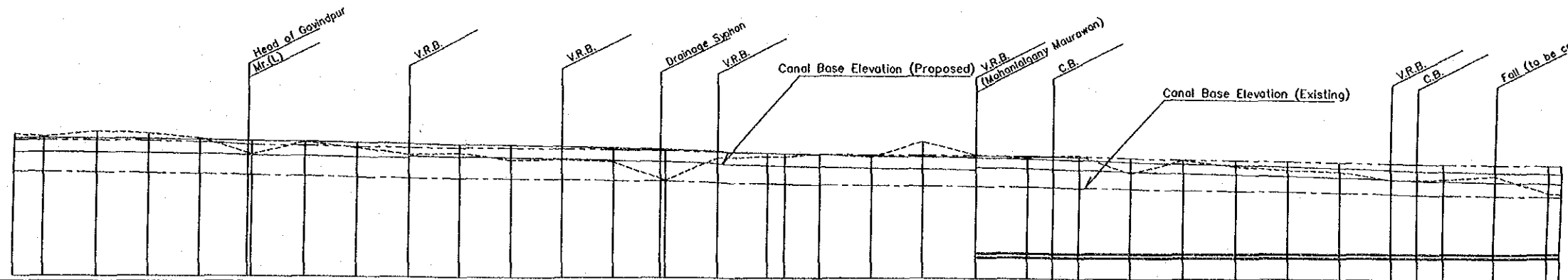
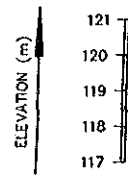


INDIA  
**FEASIBILITY STUDY ON  
 IRRIGATION AND DRAINAGE DEVELOPMENT OF  
 SHARDA CANAL CAD PROJECT**

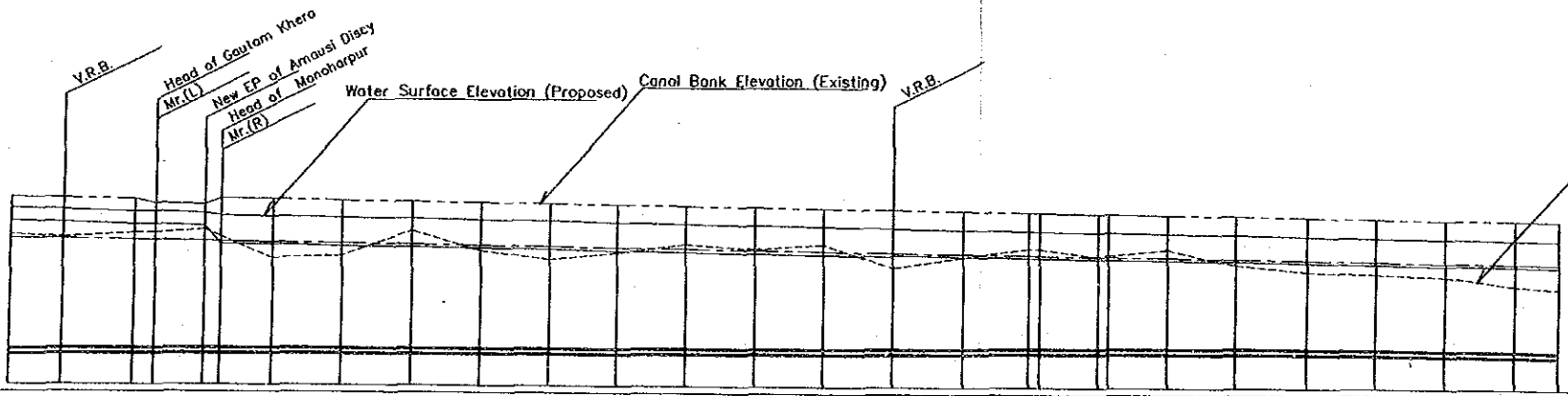
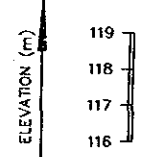
TITLE:  
**PROFILE OF AMAUSI  
 DISTRIBUTARY CANAL  
 IN SARAJINI NAGAR AREA (2/4)**

JAPAN INTERNATIONAL COOPERATION AGENCY

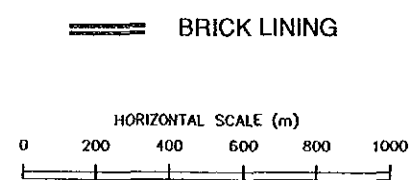
Amausi Disty (3/4)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION	CANAL BANK ELEVATION	CANAL DIMENSION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION
13-1-0	0	21000	120.04	119.33	119.81	$Q=0.34 \text{ m}^3/\text{s}, I=1/8200$ $B=2.9 \text{ m}, h=0.42 \text{ m}, v=0.24 \text{ m/s}$	119.86	119.86
13-2-0	119	21118	119.92	119.32	119.79		119.87	119.87
13-3-0	201	21319	120.11	119.52	119.79		119.84	119.84
13-4-0	201	21520	120.03	119.49	119.74		119.82	119.82
13-5-0	186	21722	119.86	119.47	119.71		119.80	119.80
13-6-0	186	21907	119.29	119.44	119.62	$Q=0.21 \text{ m}^3/\text{s}, I=1/8200$ $B=1.0 \text{ m}, h=0.48 \text{ m}, v=0.30 \text{ m/s}$	119.77	119.77
13-7-0	201	21923	119.24	119.44	119.62		119.77	119.77
14-0-0	201	22124	119.73	118.41	119.59		119.75	119.75
14-1-0	201	22325	119.52	118.30	119.55		119.72	119.72
14-2-0	201	22526	119.26	118.35	119.54		119.69	119.69
14-3-0	201	22727	119.31	118.35	119.51		119.64	119.64
14-4-0	201	22928	119.02	118.30	119.46		119.60	119.60
14-5-0	183	23129	119.04	118.27	119.45		119.57	119.57
14-6-0	183	23330	118.96	118.24	119.43		119.49	119.49
14-7-0	86	23531	118.32	118.22	119.40		119.45	119.45
14-8-0	201	23732	118.22	118.22	119.40		119.45	119.45
14-9-0	201	23933	118.14	118.19	119.37		119.40	119.40
14-10-0	201	24134	118.19	118.13	119.31		119.35	119.35
14-11-0	201	24335	118.21	118.10	119.29		119.25	119.25
14-12-0	201	24536	118.02	118.00	119.29		119.21	119.21
14-13-0	201	24737	118.26	118.03	119.23		119.15	119.15
14-14-0	201	24938	119.15	118.02	119.20		119.10	119.10
14-15-0	101	25139	119.20	118.01	119.19		119.08	119.08
14-16-0	101	25340	119.23	117.99	119.18		119.05	119.05
14-17-0	201	25541	118.57	117.97	119.15		119.00	119.00
14-18-0	201	25742	118.06	117.91	119.09		118.96	118.96
14-19-0	201	25943	118.10	117.94	119.12		118.93	118.93
14-20-0	201	26144	118.66	117.88	119.04		118.82	118.82
14-21-0	201	26345	118.39	117.83	119.01		118.77	118.77
14-22-0	101	26546	118.39	117.81	119.00		118.74	118.74
14-23-0	101	26747	118.40	117.80	118.98		118.71	118.71
14-24-0	201	26948	118.53	117.77	118.95		118.66	118.66
14-25-0	201	27149	117.84	117.74	118.92		118.61	118.61

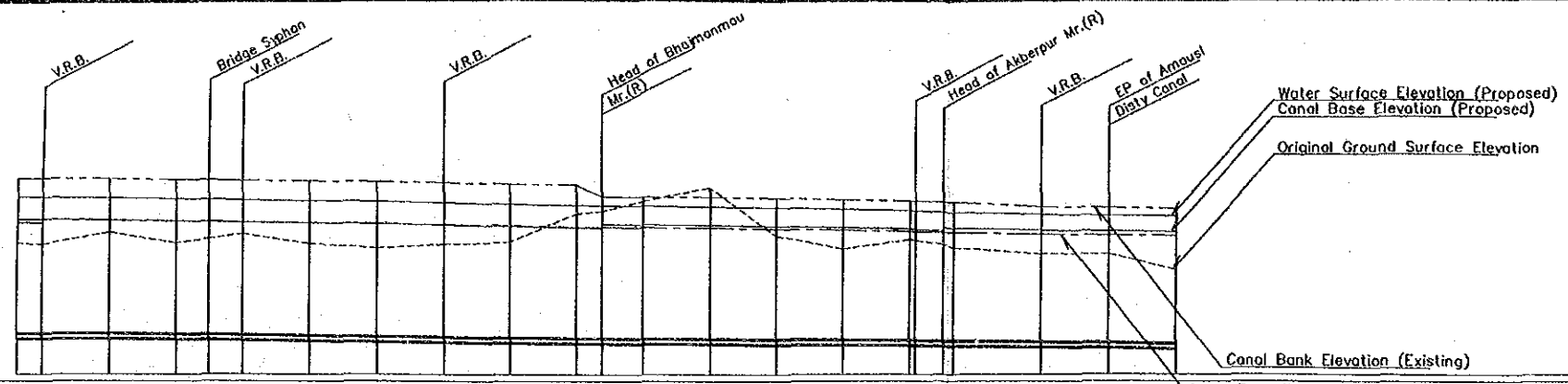
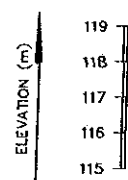


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION	CANAL BANK ELEVATION	CANAL DIMENSION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION
15-7-0	49	27000	117.94	117.74	118.92	$Q=1.10 \text{ m}^3/\text{s}, I=1/6600$ $B=1.5 \text{ m}, h=0.82 \text{ m}, v=0.49 \text{ m/s}$	118.61	118.61
17-0-0	132	27192	117.75	117.72	118.90		118.57	118.57
17-1-0	201	27383	117.69	117.69	118.87		118.51	118.51
17-2-0	59	27574	117.69	117.68	118.74		118.50	118.50
17-3-0	142	27765	117.66	117.66	118.72		118.47	118.47
17-4-0	49	27956	117.79	117.65	118.90		118.40	118.40
17-5-0	132	28147	117.63	117.63	118.88		118.39	118.39
17-6-0	201	28338	117.25	117.61	118.85		118.35	118.35
17-7-0	201	28529	117.25	117.58	118.82		118.32	118.32
17-8-0	201	28720	117.55	117.55	118.79		118.29	118.29
17-9-0	201	28911	117.52	117.52	118.76		118.26	118.26
17-10-0	201	29102	117.44	117.44	118.74		118.22	118.22
17-11-0	201	29293	117.47	117.47	118.71		118.19	118.19
17-12-0	201	29484	117.44	117.44	118.68		118.16	118.16
17-13-0	201	29675	117.44	117.44	118.65		118.13	118.13
17-14-0	201	29866	117.38	117.38	118.63		118.10	118.10
17-15-0	201	30057	117.35	117.35	118.60		118.06	118.06
17-16-0	186	30248	117.30	117.30	118.54		118.00	118.00
17-17-0	171	30439	117.27	117.27	118.51		117.97	117.97
17-18-0	32	30630	117.33	117.24	118.49		117.94	117.94
17-19-0	201	30821	117.22	117.22	118.46		117.91	117.91
17-20-0	201	31012	116.88	117.19	118.43		117.88	117.88
17-21-0	201	31203	116.93	117.16	118.40		117.85	117.85
17-22-0	201	31394	116.77	117.16	118.38		117.82	117.82
17-23-0	201	31585	116.50	117.13	118.35		117.79	117.79
17-24-0	124	31776	116.41	117.12	118.32		117.76	117.76



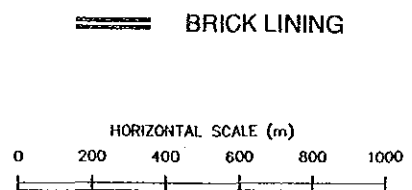
INDIA  
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 IN SAROJINI NAGAR AREA (3/4)  
 JAPAN INTERNATIONAL COOPERATION AGENCY

Amausi Disty (4/4)



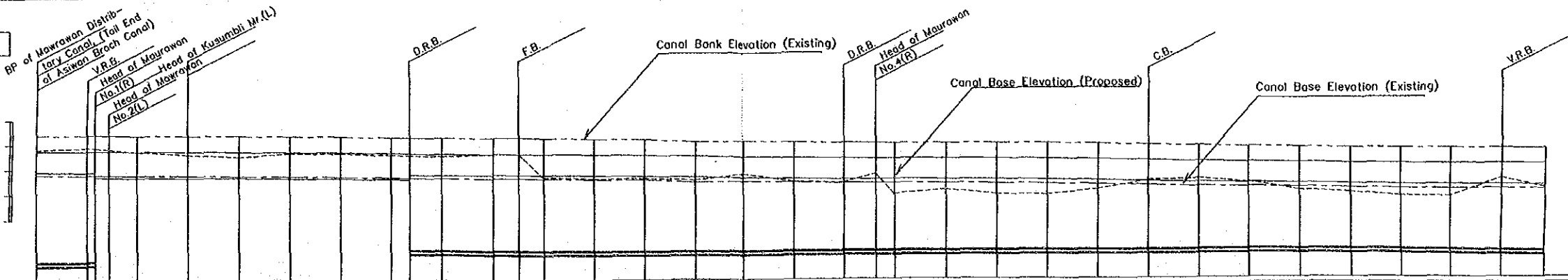
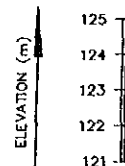
PROPOSED	CANAL DIMENSION		
	$Q = 0.72 \text{ m}^3/\text{s}, I = 1/5600$	$Q = 0.40 \text{ m}^3/\text{s}, I = 1/6600$	$Q = 0.29 \text{ m}^3/\text{s}, I = 1/6600$
WATER SURFACE ELEVATION	117.80, 117.78, 117.76, 117.75	117.72, 117.70, 117.68, 117.65	117.62, 117.58, 117.55, 117.48
CANAL BASE ELEVATION	117.03, 117.02, 117.01, 117.00	116.99, 116.98, 116.97, 116.96	116.92, 116.91, 116.90, 116.89
CANAL BANK ELEVATION	118.36, 118.35, 118.32, 118.29	118.29, 118.28, 118.26, 118.24	118.19, 118.18, 118.15, 118.13
CANAL BASE ELEVATION	117.12, 117.11, 117.09, 117.08	117.05, 117.04, 117.02, 117.00	116.97, 116.94, 116.91, 116.89
ORIGINAL GROUND SURFACE ELEVATION	116.41, 116.36, 116.32, 116.29	116.24, 116.21, 116.18, 116.15	116.12, 116.08, 116.05, 116.02
REDUCED DISTANCE	31500, 31577	31776, 31978, 32078, 32160	32301, 32582, 32783, 32905
DISTANCE	124, 77	201, 201, 101, 101	201, 201, 201, 201, 78, 123
STATION NO.	19-5-0	19-6-0, 19-7-0, 19-7-300, 20-0-0	20-1-0, 20-2-0, 20-3-0, 20-4-0, 20-5-0, 20-5-200, 20-6-0
			20-7-0, 21-0-0, 21-1-0, 21-2-0, 21-2-53, 21-2-300, 21-3-0
			21-4-0, 21-5-0, 21-6-0

PROPOSED	CANAL DIMENSION
WATER SURFACE ELEVATION	
CANAL BASE ELEVATION	
CANAL BANK ELEVATION	
CANAL BASE ELEVATION	
ORIGINAL GROUND SURFACE ELEVATION	
REDUCED DISTANCE	
DISTANCE	
STATION NO.	

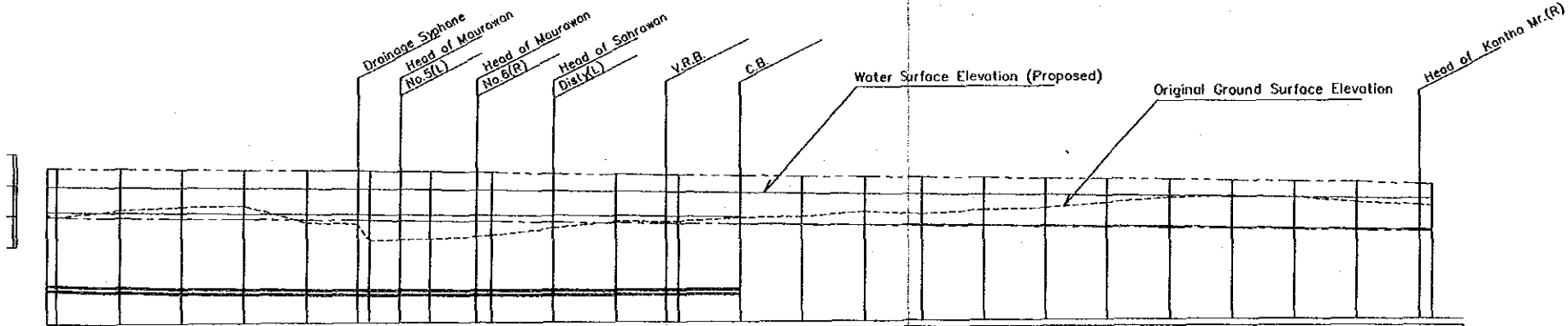
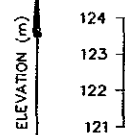


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 TITLE:  
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 DISTRIBUTARY CANAL  
 IN SARAJINI NAGAR AREA (4/4)  
 JAPAN INTERNATIONAL COOPERATION AGENCY

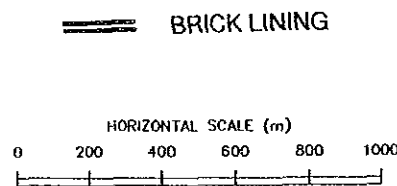
Maurawan Disty (1/7)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
0 - 0-0	0	0	123.77	122.87	123.77	12.0 m, h= 1.03 m, v= 0.46 m/s	123.77
0 - 1-0	201	201	123.83	122.73	123.83	12.0 m, h= 1.03 m, v= 0.46 m/s	123.83
0 - 1-100	30	53	123.80	122.75	123.80	12.0 m, h= 1.03 m, v= 0.46 m/s	123.80
0 - 1-200	57	286	123.75	122.72	123.75	12.0 m, h= 1.03 m, v= 0.46 m/s	123.75
0 - 2-0	114	402	123.65	122.71	123.65	12.0 m, h= 1.03 m, v= 0.46 m/s	123.65
0 - 3-0	201	603	123.52	122.68	123.52	12.0 m, h= 1.03 m, v= 0.46 m/s	123.52
0 - 4-0	201	805	123.41	122.65	123.41	12.0 m, h= 1.03 m, v= 0.46 m/s	123.41
0 - 5-0	201	1006	123.34	122.62	123.34	12.0 m, h= 1.03 m, v= 0.46 m/s	123.34
0 - 6-0	201	1207	123.31	122.60	123.31	12.0 m, h= 1.03 m, v= 0.46 m/s	123.31
0 - 7-0	201	1408	123.46	122.57	123.46	12.0 m, h= 1.03 m, v= 0.46 m/s	123.46
0 - 7-241	73	1481	123.44	122.56	123.44	12.0 m, h= 1.03 m, v= 0.46 m/s	123.44
1 - 0-0	128	1609	123.41	122.54	123.41	12.0 m, h= 1.03 m, v= 0.46 m/s	123.41
1 - 1-0	201	1810	123.46	122.51	123.46	12.0 m, h= 1.03 m, v= 0.46 m/s	123.46
1 - 1-300	101	1911	123.46	122.51	123.46	12.0 m, h= 1.03 m, v= 0.46 m/s	123.46
1 - 2-0	201	2011	122.53	122.48	122.53	12.0 m, h= 1.03 m, v= 0.46 m/s	122.53
1 - 3-0	201	2212	122.48	122.44	122.48	12.0 m, h= 1.03 m, v= 0.46 m/s	122.48
1 - 4-0	201	2414	122.49	122.43	122.49	12.0 m, h= 1.03 m, v= 0.46 m/s	122.49
1 - 5-0	201	2615	122.42	122.34	122.50	12.0 m, h= 1.03 m, v= 0.46 m/s	122.50
1 - 6-0	201	2816	122.67	122.36	122.52	12.0 m, h= 1.03 m, v= 0.46 m/s	122.52
1 - 7-0	201	3017	122.38	122.35	122.48	12.0 m, h= 1.03 m, v= 0.46 m/s	122.48
2 - 0-0	201	3218	122.33	122.30	122.47	12.0 m, h= 1.03 m, v= 0.46 m/s	122.47
2 - 0-420	128	3346	122.66	122.30	122.46	12.0 m, h= 1.03 m, v= 0.46 m/s	122.46
2 - 1-0	73	3419	121.85	122.29	122.45	12.0 m, h= 1.03 m, v= 0.46 m/s	122.45
2 - 2-0	201	3520	122.01	122.27	122.42	12.0 m, h= 1.03 m, v= 0.46 m/s	122.42
2 - 3-0	201	3621	121.81	122.24	122.40	12.0 m, h= 1.03 m, v= 0.46 m/s	122.40
2 - 4-0	201	4023	121.78	122.21	122.37	12.0 m, h= 1.03 m, v= 0.46 m/s	122.37
2 - 5-0	201	4224	121.99	122.19	122.35	12.0 m, h= 1.03 m, v= 0.46 m/s	122.35
2 - 6-0	201	4425	122.35	122.16	122.34	12.0 m, h= 1.03 m, v= 0.46 m/s	122.34
2 - 7-0	201	4626	122.43	122.13	122.29	12.0 m, h= 1.03 m, v= 0.46 m/s	122.29
3 - 0-0	201	4827	122.28	122.10	122.26	12.0 m, h= 1.03 m, v= 0.46 m/s	122.26
3 - 1-0	201	5028	121.96	122.08	122.24	12.0 m, h= 1.03 m, v= 0.46 m/s	122.24
3 - 2-0	201	5229	121.87	122.06	122.21	12.0 m, h= 1.03 m, v= 0.46 m/s	122.21
3 - 3-0	201	5430	121.73	122.02	122.18	12.0 m, h= 1.03 m, v= 0.46 m/s	122.18
3 - 4-0	201	5632	121.60	121.99	122.16	12.0 m, h= 1.03 m, v= 0.46 m/s	122.16
3 - 5-0	201	5833	122.38	121.97	122.14	12.0 m, h= 1.03 m, v= 0.46 m/s	122.14
6000	167	6000	122.01	121.95	122.11	12.0 m, h= 1.03 m, v= 0.46 m/s	122.11



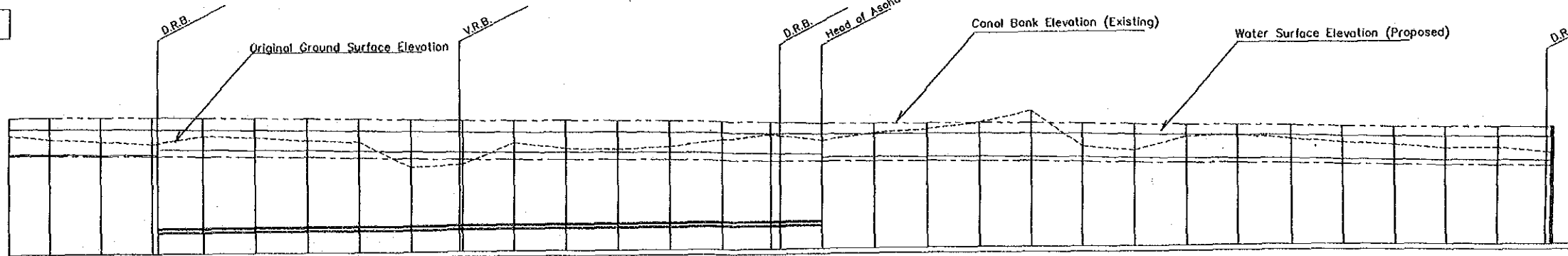
STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
3 - 6-0	197	6000	122.03	122.11	122.03	11.4 m, h= 0.99 m, v= 0.44 m/s	122.03
3 - 7-0	201	6235	121.81	121.80	122.00	11.4 m, h= 0.99 m, v= 0.44 m/s	122.00
4 - 0-0	201	6436	122.26	121.68	122.06	11.4 m, h= 0.99 m, v= 0.44 m/s	122.06
4 - 1-0	201	6637	122.29	121.66	122.03	11.4 m, h= 0.99 m, v= 0.44 m/s	122.03
4 - 2-0	201	6838	121.73	121.63	122.01	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 2-337	164	7039	121.68	121.61	121.99	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 3-0	37	7140	121.75	121.60	121.98	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 3-330	101	7241	121.76	121.57	121.97	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 4-0	63	7342	121.78	121.55	121.96	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 4-500	152	7443	121.75	121.53	121.94	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 5-0	49	7544	121.75	121.53	121.94	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 6-0	201	7645	121.53	121.72	122.02	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 7-0	201	7846	121.74	121.66	122.05	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
4 - 7-500	161	8005	121.73	121.67	122.03	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 0-0	40	8045	121.73	121.66	122.02	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 1-0	201	8246	121.84	121.64	122.01	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 2-0	201	8447	121.87	121.61	121.93	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 3-0	201	8648	122.02	121.58	121.90	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 4-0	201	8850	121.92	121.55	121.88	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 5-0	201	9051	122.05	121.53	121.85	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 6-0	201	9252	122.10	121.50	121.82	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 7-0	201	9453	122.26	121.47	121.80	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
5 - 8-0	201	9654	122.41	121.44	121.78	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
6 - 1-0	201	9855	122.46	121.42	121.75	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
6 - 2-0	201	10056	122.43	121.39	121.73	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
6 - 3-0	201	10257	122.28	121.36	121.70	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
6 - 4-0	201	10458	122.17	121.33	121.68	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01
10000	42	10500	122.13	121.33	121.68	11.4 m, h= 0.99 m, v= 0.44 m/s	122.01



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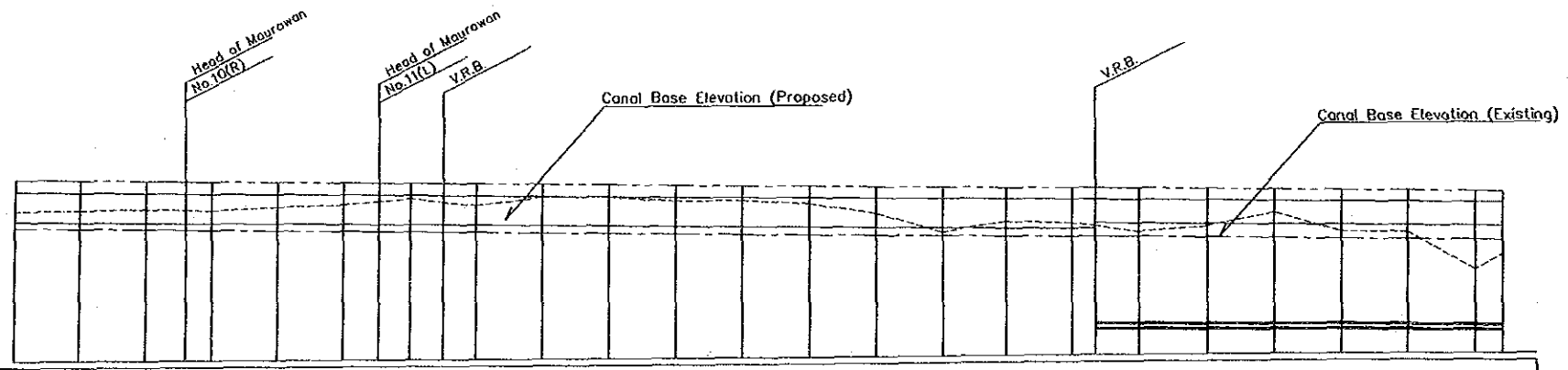
Maurawan Disty (2/7)

ELEVATION (m)

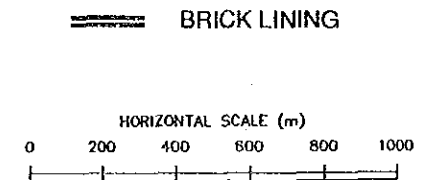


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
6+5-0	42	10500	122.12	121.33	121.30	122.37	Q = 5.20 m <sup>3</sup> /s, I = 1/8200 B = 11.4 m, h = 0.99 m, v = 0.44 m/s
6+6-0	201	10660	121.84	121.31	121.36	122.35	
6+7-0	201	10861	121.64	121.28	121.33	122.32	Q = 4.69 m <sup>3</sup> /s, I = 1/8200 B = 11.4 m, h = 0.90 m, v = 0.42 m/s
6+7-70	21	11062	121.72	121.25	121.31	122.30	
6+8-0	180	11263	121.52	121.23	121.49	122.26	
6+9-0	201	11464	121.94	121.20	121.46	122.23	
6+10-0	201	11665	121.65	121.17	121.44	122.21	
6+11-0	201	11866	121.75	121.14	121.41	122.18	
6+12-0	201	12068	120.79	121.12	121.36	122.16	
6+13-0	160	12269	120.88	121.09	121.37	122.14	
6+14-0	201	12470	120.89	121.08	121.36	122.13	
6+15-0	201	12671	121.45	121.03	121.31	122.08	
6+16-0	201	12872	121.40	121.01	121.29	122.06	
6+17-0	201	13073	121.46	120.98	121.26	122.03	
6+18-0	201	13274	121.75	120.95	121.24	122.01	
6+19-0	201	13475	121.61	120.92	121.22	121.98	
6+20-0	37	13676	121.90	120.82	121.21	121.96	
6+21-0	165	13877	121.70	120.80	121.18	121.95	
6+22-0	201	14078	121.97	120.67	121.03	121.93	
6+23-0	201	14279	122.07	120.64	121.00	121.90	
6+24-0	201	14480	122.29	120.61	120.98	121.88	
6+25-0	201	14681	122.72	120.79	120.95	121.85	
6+26-0	201	14882	121.34	120.76	120.93	121.83	
6+27-0	201	15083	121.19	120.73	120.90	121.80	
6+28-0	201	15284	121.71	120.70	120.88	121.78	
6+29-0	201	15485	121.75	120.68	120.85	121.75	
6+30-0	201	15686	121.59	120.65	120.83	121.73	
6+31-0	201	15887	121.45	120.62	120.80	121.70	
6+32-0	201	16088	121.37	120.59	120.78	121.68	
6+33-0	201	16289	121.21	120.57	120.76	121.66	
6+34-0	201	16490	121.21	120.54	120.73	121.63	
6+35-0	183	16691	121.02	120.51	120.71	121.61	
6+36-0	18	16892	121.88	120.51	120.70	121.60	

ELEVATION (m)

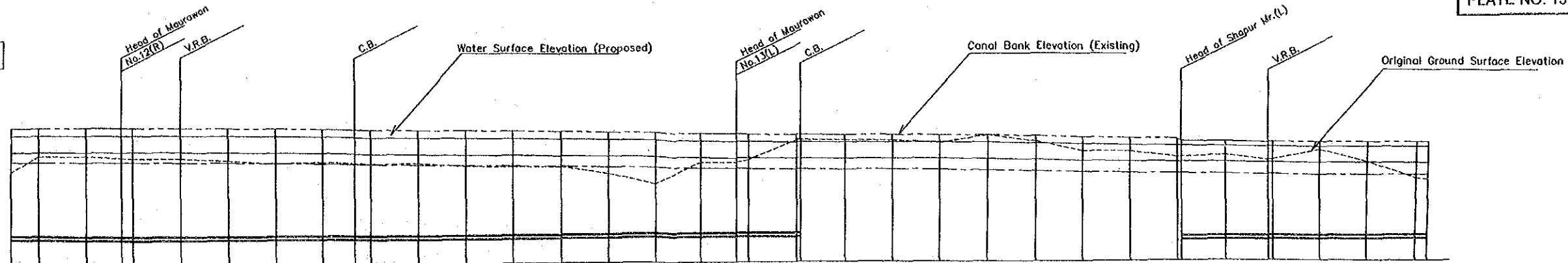
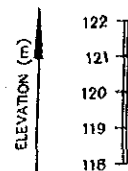


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
10+5-0	8	16500	121.06	120.51	120.70	121.60	Q = 4.57 m <sup>3</sup> /s, I = 1/8200 B = 11.4 m, h = 0.88 m, v = 0.42 m/s
10+6-0	121	16601	121.04	120.48	120.67	121.57	
10+7-0	201	16802	121.07	120.46	120.65	121.55	Q = 4.45 m <sup>3</sup> /s, I = 1/8200 B = 11.4 m, h = 0.80 m, v = 0.41 m/s
10+8-0	121	17003	121.04	120.44	120.63	121.53	
10+9-0	79	17204	121.02	120.43	120.61	121.51	
10+10-0	201	17405	121.12	120.40	120.61	121.50	Q = 4.45 m <sup>3</sup> /s, I = 1/8200 B = 11.4 m, h = 0.71 m, v = 0.51 m/s
10+11-0	201	17606	121.17	120.37	120.60	121.48	
10+12-0	201	17807	121.27	120.36	120.57	121.46	
10+13-0	201	18008	121.36	120.35	120.57	121.44	
10+14-0	101	18209	121.23	120.33	120.55	121.43	
10+15-0	101	18410	121.12	120.32	120.54	121.42	
10+16-0	201	18611	121.37	120.29	120.51	121.39	
10+17-0	201	18812	121.35	120.28	120.49	121.37	
10+18-0	201	19013	121.23	120.24	120.46	121.34	
10+19-0	201	19214	121.24	120.21	120.44	121.32	
10+20-0	201	19415	121.12	120.18	120.42	121.30	
10+21-0	201	19616	120.62	120.16	120.39	121.27	
10+22-0	201	19817	120.33	120.13	120.37	121.25	
10+23-0	201	20018	120.34	120.10	120.34	121.22	
10+24-0	201	20219	120.48	120.07	120.32	121.20	
10+25-0	70	20420	120.35	120.06	120.31	121.18	
10+26-0	131	20621	120.20	120.05	120.29	121.16	
10+27-0	201	20822	120.35	120.02	120.27	121.14	
10+28-0	201	21023	120.76	119.99	120.24	121.11	
10+29-0	201	21224	120.18	119.96	120.22	121.09	
10+30-0	201	21425	120.16	119.94	120.20	121.07	
10+31-0	201	21626	119.01	119.91	120.17	121.04	
10+32-0	83	21827	119.47	119.89	120.15	121.02	

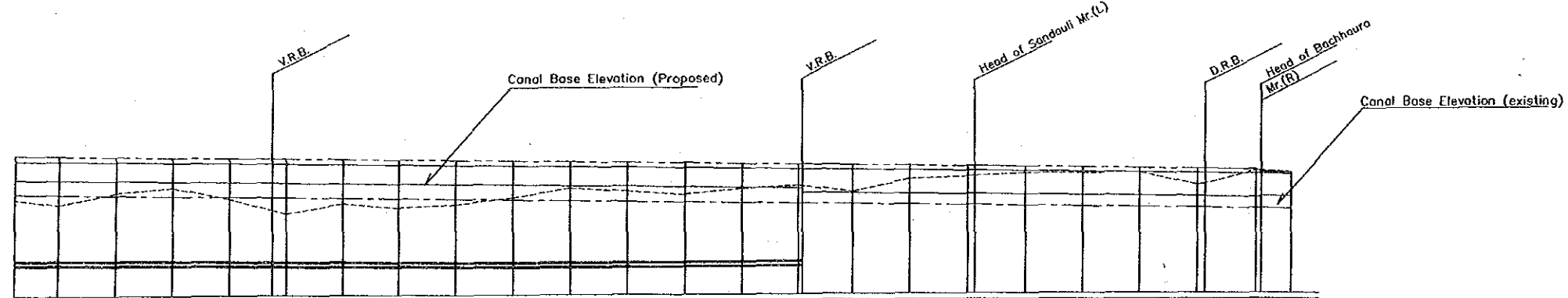
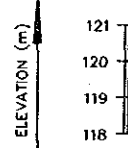


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Maurawan Disty (3/7)

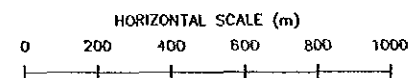


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION
15-1-0	93	21000	119.47	120.32	119.47	Q = 4.45 m <sup>3</sup> /s, I = 1/8200, B = 11.4 m, h = 0.70 m, v = 0.51 m/s	121.03	120.32
15-2-0	201	21118	120.13	120.31	120.13		121.02	120.31
15-2-500	152	21319	120.11	120.28	120.11		120.99	120.28
15-3-0	48	21472	120.02	120.26	120.02		120.97	120.26
15-3-500	201	21520	119.98	120.27	119.98		120.97	120.27
15-4-0	201	21722	119.97	120.24	119.97		120.84	120.24
15-5-0	201	21923	119.86	120.21	119.86		120.81	120.21
15-6-0	201	22124	119.74	120.18	119.74		120.88	120.18
15-7-0	201	22325	119.72	120.16	119.72		120.86	120.16
15-7-400	134	22458	119.70	120.14	119.70		120.84	120.14
16-0-0	201	22526	119.68	120.12	119.68		120.82	120.12
16-1-0	201	22727	119.65	120.10	119.65		120.80	120.10
16-2-0	201	22828	119.60	120.07	119.60		120.77	120.07
16-3-0	201	23129	119.57	120.05	119.57		120.75	120.05
16-4-0	201	23331	119.56	120.04	119.56		120.72	120.04
16-5-0	201	23532	119.55	120.01	119.55		120.70	120.01
16-6-0	201	23733	119.51	120.09	119.51		120.67	120.09
16-7-0	201	23934	119.50	120.96	119.50		120.65	120.96
16-7-500	152	24086	119.50	120.94	119.50		120.63	120.94
16-8-0	49	24135	119.45	120.93	119.45		120.63	120.93
16-8-500	201	24336	119.44	120.91	119.44		120.60	120.91
16-9-0	185	24537	120.06	120.88	120.06		120.57	120.88
16-10-0	201	24738	120.61	120.85	120.61		120.54	120.85
16-11-0	201	24940	120.46	120.82	120.46		120.52	120.82
16-12-0	201	25141	120.80	120.80	120.80		120.49	120.80
16-13-0	201	25342	120.85	120.77	120.85		120.47	120.77
16-14-0	201	25543	120.15	120.74	120.15		120.44	120.74
16-15-0	201	25744	120.15	120.71	120.15		120.42	120.71
16-16-0	201	25945	119.81	120.69	119.81		120.40	120.69
16-17-0	18	25963	119.78	120.58	119.78		120.38	120.58
16-18-0	183	26146	119.69	120.57	119.69		120.37	120.57
16-19-0	183	26329	119.78	120.54	119.78		120.35	120.54
16-20-0	18	26347	119.78	120.54	119.78		120.34	120.54
16-21-0	201	26549	120.18	120.51	120.18		120.31	120.51
16-22-0	201	26750	119.63	120.46	119.63		120.29	120.46
16-23-0	201	26951	119.08	120.45	119.08		120.26	120.45
16-24-0	49	27000	118.89	120.43	118.89		120.26	120.43



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION	CANAL BASE ELEVATION
16-7-0	132	27000	118.89	120.26	118.89	Q = 3.24 m <sup>3</sup> /s, I = 1/8200, B = 9.0 m, h = 0.67 m, v = 0.48 m/s	120.26	120.26
17-0-0	201	27152	118.70	120.24	118.70		120.24	120.24
17-1-0	201	27353	119.13	120.22	119.13		120.22	120.22
17-2-0	201	27554	119.31	120.19	119.31		120.19	120.19
17-3-0	201	27755	118.82	120.17	118.82		120.17	120.17
17-4-0	152	27907	118.51	120.15	118.51		120.15	120.15
17-5-0	201	27956	118.38	120.13	118.38		120.13	120.13
17-6-0	201	28157	118.73	120.11	118.73		120.11	120.11
17-7-0	201	28358	118.57	120.08	118.57		120.08	120.08
17-8-0	201	28559	118.89	120.06	118.89		120.06	120.06
17-9-0	201	28760	118.92	120.04	118.92		120.04	120.04
18-0-0	201	28961	118.25	120.01	118.25		120.01	120.01
18-1-0	201	29162	119.14	119.99	119.14		119.99	119.99
18-2-0	201	29363	118.02	119.96	118.02		119.96	119.96
18-3-0	201	29564	118.73	119.94	118.73		119.94	119.94
18-4-0	201	29765	118.31	119.91	118.31		119.91	119.91
18-5-0	201	29966	119.10	119.88	119.10		119.88	119.88
18-6-0	201	30167	119.54	119.85	119.54		119.85	119.85
18-7-0	201	30368	118.63	119.83	118.63		119.83	119.83
18-7-500	24	30569	119.84	119.81	119.84		119.81	119.81
18-8-0	201	30770	119.73	119.78	119.73		119.78	119.78
18-9-0	201	30971	119.76	119.76	119.76		119.76	119.76
18-10-0	201	31172	119.31	119.73	119.31		119.73	119.73
18-11-0	26	31373	119.35	119.71	119.35		119.71	119.71
18-12-0	201	31574	119.88	119.68	119.88		119.68	119.68
18-13-0	100	31775	119.74	119.65	119.74		119.65	119.65

BRICK LINING



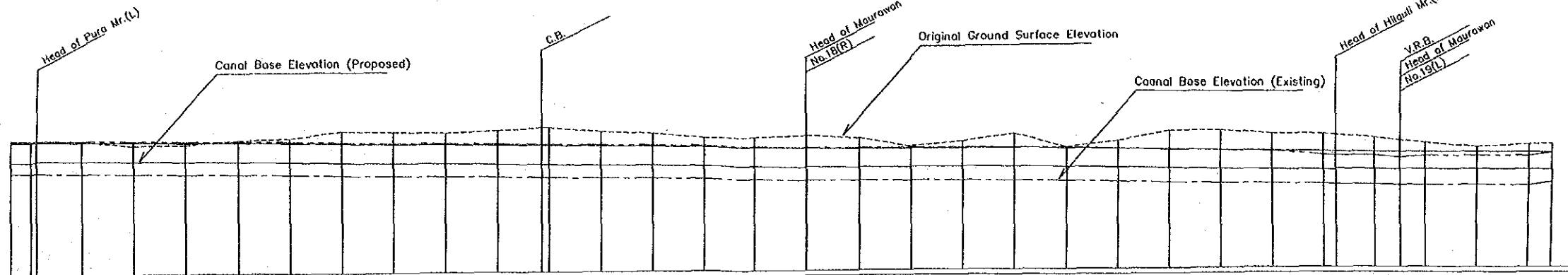
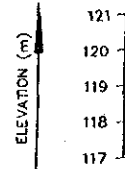
INDIA

FEASIBILITY STUDY ON IRRIGATION AND DRAINAGE DEVELOPMENT OF SHARDA CANAL CAD PROJECT

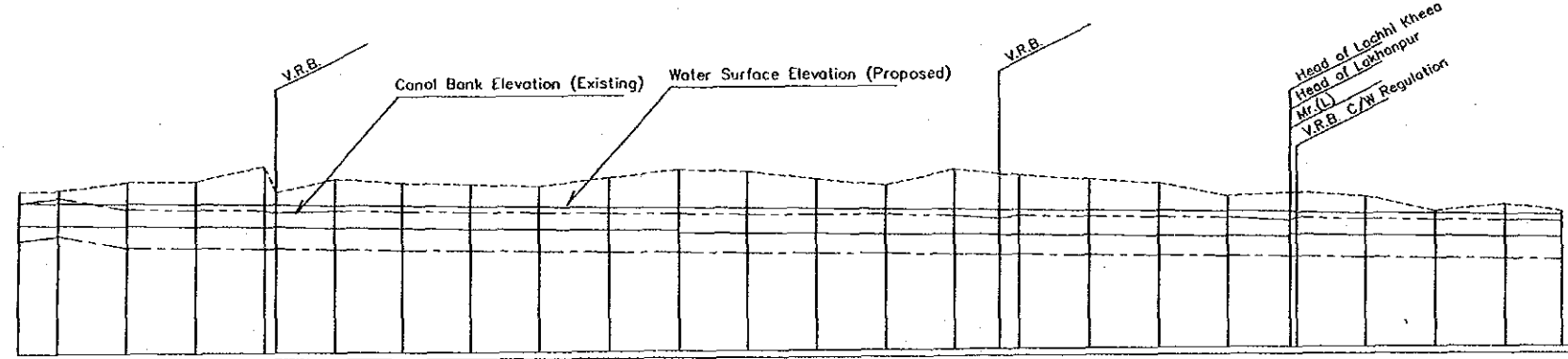
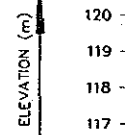
TITLE: PROFILE OF MAURAWANDISTRIBUTARY CANAL IN SATAON AREA (3/7)

JAPAN INTERNATIONAL COOPERATION AGENCY

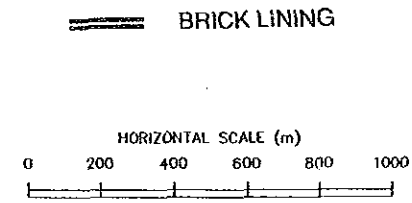
Maurawan Disty (4/7)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	CANAL DIMENSION
19-3-0	106	31500	119.74	118.46	118.90	119.58	119.58	Q = 2.89 m <sup>3</sup> /s I = 1/8200 B = 9.0 m, h = 0.74 m, v = 0.37 m/s
19-5-70	77	31577	119.69	118.45	118.89	119.57	119.57	
19-5-70	21	31592	119.69	118.45	118.89	119.57	119.57	Q = 2.66 m <sup>3</sup> /s, I = 1/8200 B = 9.0 m, h = 0.74 m, v = 0.37 m/s
19-6-0	201	31778	119.67	118.43	118.71	119.45	119.45	
19-7-0	201	31979	119.51	118.40	118.66	119.45	119.45	Q = 2.55 m <sup>3</sup> /s, I = 1/8200 B = 9.0 m, h = 0.72 m, v = 0.36 m/s
20-0-0	201	32180	119.52	118.37	118.65	119.50	119.50	
20-1-0	201	32381	119.57	118.34	118.62	119.58	119.58	Q = 1.98 m <sup>3</sup> /s I = 1/8200 B = 7.6 m, h = 0.66 m, v = 0.34 m/s
20-2-0	201	32582	119.73	118.32	118.61	119.55	119.55	
20-3-0	201	32783	120.01	118.29	118.57	119.53	119.53	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 7.6 m, h = 0.66 m, v = 0.34 m/s
20-4-0	201	32984	119.87	118.28	118.54	119.50	119.50	
20-5-0	201	33185	119.92	118.23	118.52	119.48	119.48	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
20-6-0	201	33386	120.02	118.21	118.49	119.45	119.45	
20-6-302	171	33587	120.10	118.19	118.46	119.43	119.43	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
20-7-0	50	33588	120.11	118.18	118.46	119.42	119.42	
21-0-0	201	33789	119.94	118.15	118.43	119.39	119.39	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
21-1-0	201	33990	119.87	118.13	118.41	119.37	119.37	
21-2-0	201	34191	119.69	118.10	118.38	119.34	119.34	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
21-3-0	201	34392	119.70	118.07	118.35	119.32	119.32	
21-3-650	196	34593	119.79	118.04	118.32	119.29	119.29	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
21-4-0	201	34594	119.79	118.04	118.32	119.28	119.28	
21-5-0	201	34795	119.68	118.02	118.30	119.27	119.27	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
21-6-0	201	34996	119.35	117.99	118.27	119.24	119.24	
21-7-0	201	35197	119.49	117.96	118.24	119.22	119.22	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
22-0-0	201	35398	119.75	117.93	118.21	119.20	119.20	
22-1-0	201	35599	119.20	117.91	118.19	119.17	119.17	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
22-2-0	201	35800	119.46	117.88	118.16	119.15	119.15	
22-3-0	201	36001	119.84	117.85	118.13	119.12	119.12	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
22-4-0	201	36202	119.87	117.82	118.10	119.10	119.10	
22-5-0	201	36403	119.74	117.80	118.08	119.07	119.07	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
22-6-0	201	36604	119.73	117.77	118.05	119.05	119.05	
22-6-100	46	36653	119.69	117.76	118.03	119.04	119.04	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
22-7-0	153	36806	119.57	117.74	118.01	119.02	119.02	
22-7-330	101	36906	119.45	117.72	117.99	119.01	119.01	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
23-0-0	101	37007	119.34	117.71	117.97	118.99	118.99	
23-1-0	201	37208	119.15	117.69	117.95	118.96	118.96	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
23-2-0	201	37409	119.24	117.68	117.94	118.94	118.94	
23-2-0	91	37500	119.25	117.79	117.91	118.93	118.93	



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION	CANAL DIMENSION
23-3-0	91	37500	119.25	117.79	118.91	118.83	118.83	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 7.6 m, h = 0.66 m, v = 0.34 m/s
23-4-0	110	37610	119.27	117.84	118.96	118.91	118.91	
23-5-0	201	37812	119.53	117.80	118.73	118.89	118.89	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
23-6-0	201	38013	119.54	117.58	118.70	118.87	118.87	
23-6-107	33	38214	119.86	117.55	118.66	118.84	118.84	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
23-7-0	189	38415	119.56	117.52	118.65	118.81	118.81	
24-0-0	201	38616	119.45	117.49	118.62	118.79	118.79	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
24-1-0	201	38817	119.40	117.47	118.59	118.76	118.76	
24-2-0	201	39018	119.34	117.44	118.57	118.74	118.74	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
24-3-0	201	39219	119.38	117.41	118.54	118.71	118.71	
24-4-0	201	39421	119.60	117.38	118.51	118.69	118.69	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
24-5-0	201	39622	119.75	117.35	118.48	118.66	118.66	
24-6-0	201	39823	119.50	117.33	118.46	118.64	118.64	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
24-7-0	201	40024	119.30	117.33	118.45	118.63	118.63	
25-0-0	201	40225	119.70	117.27	118.40	118.58	118.58	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
25-0-470	143	40566	119.50	117.28	118.31	118.57	118.57	
25-1-0	51	40828	119.25	117.25	118.36	118.55	118.55	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
25-2-0	201	40927	119.44	117.22	118.35	118.53	118.53	
25-3-0	201	40828	119.31	117.19	118.32	118.50	118.50	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
25-4-0	201	41030	118.80	117.17	118.29	118.48	118.48	
25-4-500	163	41212	119.00	117.14	118.19	118.46	118.46	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
25-5-0	18	41235	118.03	117.14	118.27	118.44	118.44	
25-6-0	201	41432	118.90	117.11	118.23	118.40	118.40	Q = 1.90 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.73 m, v = 0.36 m/s
25-7-0	201	41633	118.45	117.08	118.20	118.38	118.38	
26-0-0	201	41834	118.64	117.05	118.17	118.35	118.35	Q = 1.58 m <sup>3</sup> /s, I = 1/8200 B = 6.6 m, h = 0.65 m, v = 0.33 m/s
26-0-0	188	42000	118.44	117.03	118.15	118.33	118.33	



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FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT

TITLE:

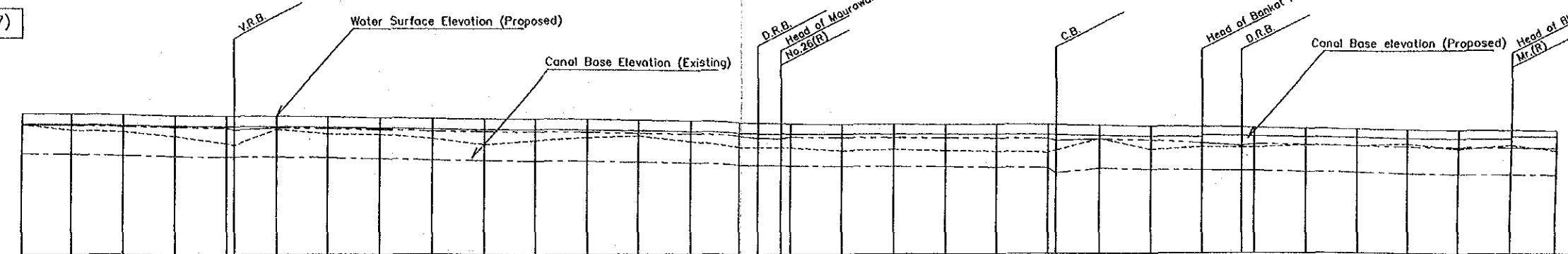
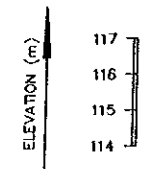
PROFILE OF MAURAWAN DISTRIBUTARY  
CANAL IN SATAON AREA (4/7)

JAPAN INTERNATIONAL COOPERATION AGENCY

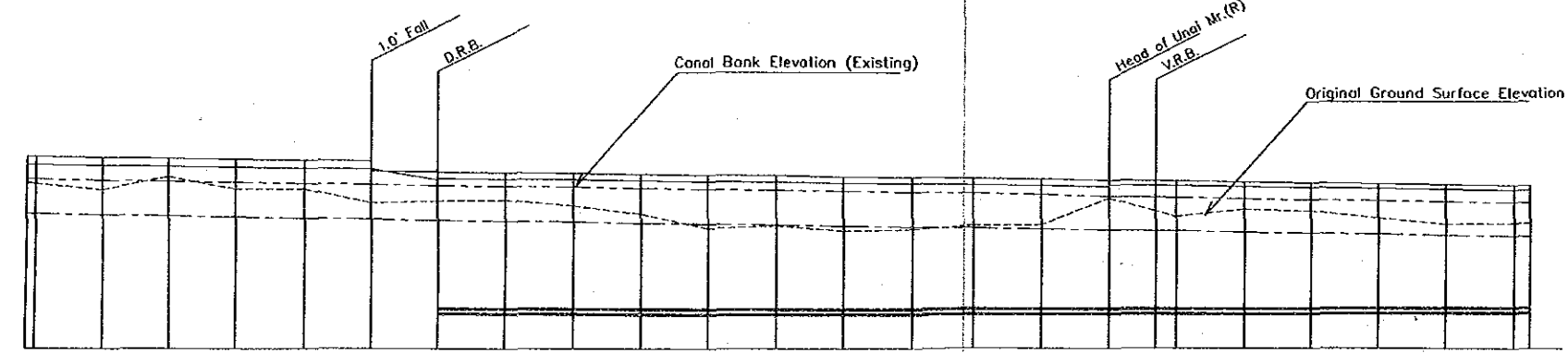
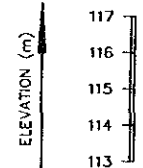




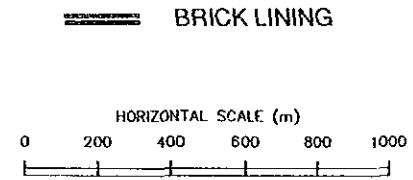
Maurawon Disty (6/7)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
							$Q = 0.61 \text{ m}^3/\text{s}, I = 1/8200$ $B = 6.0 \text{ m}, h = 0.39 \text{ m}, v = 0.24 \text{ m/s}$
							$Q = 0.34 \text{ m}^3/\text{s}, I = 1/8200$ $B = 4.5 \text{ m}, h = 0.33 \text{ m}, v = 0.22 \text{ m/s}$
32-6-P	195	52985	116.57	115.43	116.57	6	
32-7-0	201	52996	116.34	115.40	116.57	195	
33-0-0	201	52997	116.29	115.37	116.54	201	
33-1-0	201	53007	116.12	115.34	116.52	201	
33-1-B	201	53288	115.83	115.31	116.44	201	
33-1-100	50	53329	115.76	115.31	116.36	50	
33-2-P	171	53489	116.35	115.28	116.41	171	
33-3-0	201	53700	116.17	115.25	116.38	201	
33-4-0	201	53902	116.17	115.22	116.35	201	
33-5-0	201	54103	116.02	115.19	116.31	201	
33-6-0	201	54304	115.78	115.16	116.28	201	
33-7-0	201	54505	115.91	115.13	116.25	201	
34-0-0	201	54706	116.01	115.10	116.22	201	
34-1-0	201	54907	116.09	115.07	116.19	201	
34-2-0	201	55108	116.06	115.03	116.16	201	
34-3-0	201	55309	116.04	115.00	116.13	201	
34-3-280	76	55388	115.68	114.99	116.05	76	
34-3-540	88	55474	115.69	114.98	116.04	88	
34-4-0	125	55511	115.68	114.97	116.10	125	
34-5-0	201	55712	115.55	114.94	116.07	201	
34-6-0	201	55913	115.58	114.91	116.04	201	
34-7-0	201	56114	115.51	114.88	116.01	201	
35-0-0	201	56315	115.46	114.85	115.98	201	
35-1-0	201	56516	115.41	114.82	115.95	201	
35-1-100	30	56547	115.49	114.64	115.87	30	
35-2-0	171	56717	116.95	114.79	115.92	171	
35-3-0	201	56918	115.52	114.76	115.89	201	
35-4-0	201	57120	115.62	114.73	115.77	201	
35-4-600	154	57272	115.61	114.71	115.67	154	
35-5-0	48	57321	115.61	114.70	115.74	48	
35-6-0	201	57522	115.70	114.67	115.71	201	
35-7-0	201	57723	115.67	114.64	115.67	201	
36-0-0	201	57924	115.76	114.61	115.64	201	
36-1-0	201	58125	115.54	114.58	115.61	201	
36-2-0	201	58326	115.68	114.55	115.58	201	
36-3-0	174	58500	115.46	114.52	115.55	174	



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
							$Q = 0.21 \text{ m}^3/\text{s}, I = 1/8200$ $B = 4.5 \text{ m}, h = 0.24 \text{ m}, v = 0.18 \text{ m/s}$
							$Q = 0.19 \text{ m}^3/\text{s}, I = 1/8200$ $B = 4.5 \text{ m}, h = 0.19 \text{ m}, v = 0.21 \text{ m/s}$
							$Q = 0.09 \text{ m}^3/\text{s}, I = 1/8200$ $B = 3.6 \text{ m}, h = 0.14 \text{ m}, v = 0.17 \text{ m/s}$
36-3-0	174	58603	115.43	114.52	115.55	174	
36-4-0	201	58728	115.24	114.49	115.52	201	
36-5-0	201	58850	115.63	114.46	115.49	201	
36-6-0	201	59131	115.25	114.42	115.46	201	
36-7-0	201	59322	115.25	114.39	115.43	201	
37-0-0	201	59533	114.85	114.36	115.40	201	
37-1-0	201	59734	114.91	114.33	115.37	201	
37-2-0	201	59935	114.93	114.30	115.34	201	
37-3-0	201	60136	114.75	114.27	115.31	201	
37-4-0	201	60338	114.51	114.24	115.28	201	
37-5-0	201	60539	114.08	114.21	115.25	201	
37-6-0	201	60740	114.16	114.18	115.22	201	
37-7-0	201	60941	114.00	114.15	115.19	201	
38-0-0	201	61142	114.02	114.12	115.16	201	
38-1-0	201	61343	114.17	114.09	115.13	201	
38-2-0	201	61544	114.19	114.06	115.10	201	
38-3-0	201	61745	114.98	114.03	115.07	201	
38-3-400	137	61883	114.60	114.01	115.04	137	
38-4-0	64	61947	114.43	114.00	115.00	64	
38-5-0	201	62148	114.65	113.97	114.97	201	
38-6-0	201	62349	114.60	113.94	114.94	201	
38-7-0	201	62550	114.39	113.91	114.91	201	
39-0-0	201	62751	114.21	113.89	114.89	201	
39-1-0	201	62952	114.23	113.85	114.85	201	
39-2-0	48	63000	114.25	113.84	114.84	48	

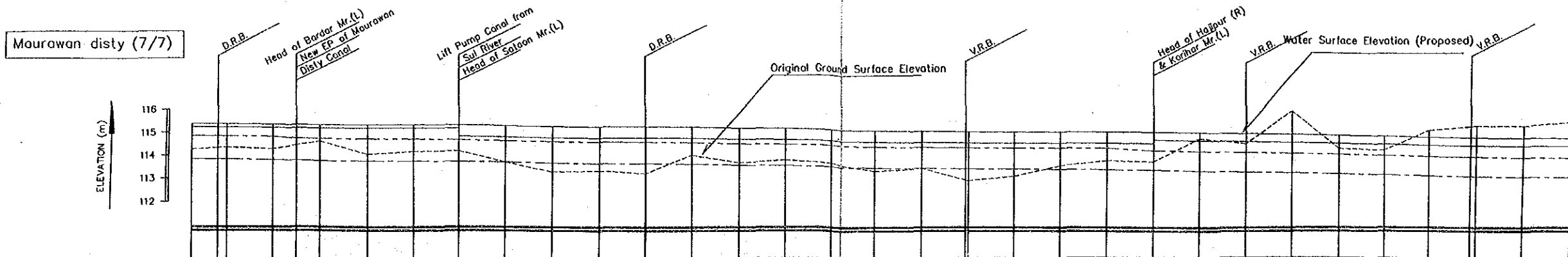


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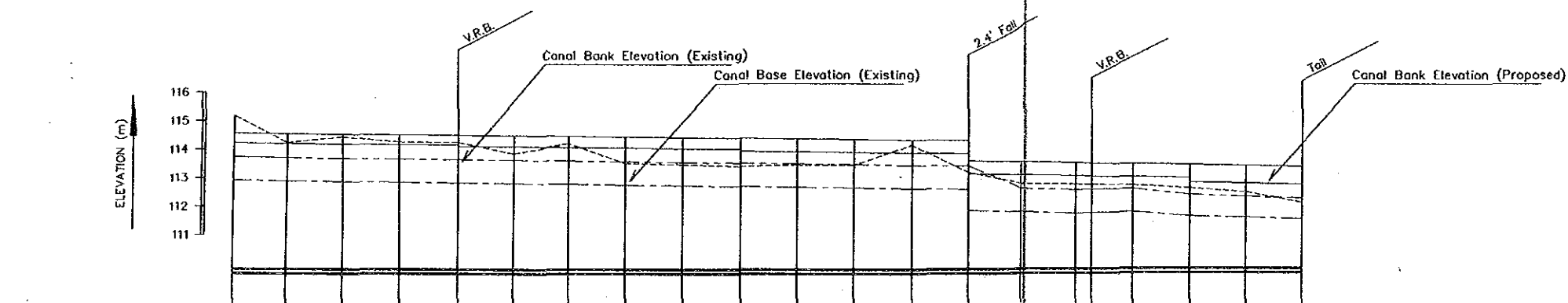
FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT

TITLE:  
PROFILE OF BADAICHADISTRIBUTARY  
CANAL IN SATAON AREA (8/7)

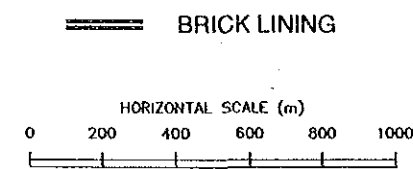
JAPAN INTERNATIONAL COOPERATION AGENCY



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
						$Q = 0.09 \text{ m}^3/\text{s}, I = 1/8200$ $B = 3.6 \text{ m}, h = 0.14 \text{ m}, v = 0.17 \text{ m/s}$		
						$Q = 0.75 \text{ m}^3/\text{s}, I = 1/8200$ $B = 3.6 \text{ m}, h = 0.14 \text{ m}, v = 0.17 \text{ m/s}$		
						$Q = 0.32 \text{ m}^3/\text{s}, I = 1/8200$ $B = 2.7 \text{ m}, h = 0.34 \text{ m}, v = 0.28 \text{ m/s}$		
38-1-300	48	63000	114.25	113.84	114.84	115.22	115.36	
38-2-0	114	63114	114.3	113.82	114.83	115.21	115.35	
38-3-0	201	63153	114.33	113.82	114.82	115.20	115.34	
38-4-0	201	63354	114.25	113.78	114.79	115.17	115.31	
38-5-0	201	63465	114.25	113.77	114.71	115.16	115.30	
38-6-0	201	63556	114.56	113.75	114.70	115.15	115.29	
38-7-0	201	63757	114.01	113.72	114.67	115.13	115.27	
38-8-0	201	63858	114.10	113.69	114.64	115.10	115.24	
38-9-0	201	64190	114.11	113.66	114.58	115.08	115.22	
38-10-0	201	64360	113.63	113.63	114.55	114.71	115.19	
38-11-0	201	64561	113.22	113.60	114.52	114.69	115.17	
38-12-0	201	64762	113.26	113.57	114.49	114.66	115.14	
38-13-0	190	64963	113.12	113.54	114.46	114.64	115.12	
38-14-0	201	65164	113.08	113.51	114.42	114.61	115.09	
38-15-0	201	65365	113.59	113.48	114.39	114.58	115.06	
38-16-0	201	65566	113.68	113.45	114.36	114.56	115.04	
38-17-0	201	65767	113.57	113.42	114.33	114.53	115.01	
38-18-0	201	65968	113.26	113.39	114.30	114.51	114.98	
38-19-0	201	66169	113.36	113.36	114.27	114.48	114.96	
38-20-0	186	66370	112.84	113.33	114.24	114.46	114.94	
38-21-0	12	66371	112.81	113.33	114.24	114.46	114.94	
38-22-0	201	66572	112.99	113.30	114.21	114.42	114.90	
38-23-0	201	66773	113.44	113.27	114.18	114.40	114.88	
38-24-0	201	66974	113.62	113.24	114.15	114.37	114.85	
38-25-0	201	67175	113.57	113.21	114.04	114.35	114.83	
38-26-0	201	67376	114.56	113.18	114.01	114.47	114.81	
38-27-0	201	67577	114.55	113.14	113.97	114.44	114.78	
38-28-0	201	67778	115.74	113.11	113.94	114.41	114.75	
38-29-0	201	67979	114.15	113.08	113.91	114.38	114.72	
38-30-0	201	68180	114.10	113.05	113.88	114.36	114.70	
38-31-0	201	68381	114.07	113.02	113.85	114.33	114.67	
38-32-0	177	68582	115.12	113.00	113.82	114.31	114.65	
38-33-0	24	68583	115.14	112.98	113.82	114.30	114.64	
38-34-0	201	68784	115.12	112.95	113.79	114.27	114.61	
38-35-0	201	68985	115.22	112.93	113.75	114.25	114.59	
38-36-0	14	68986	115.20	112.93	113.75	114.25	114.59	



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED		
			ORIGINAL GROUND SURFACE ELEVATION	CANAL BASE ELEVATION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
						$Q = 0.32 \text{ m}^3/\text{s}, I = 1/8200$ $B = 2.1 \text{ m}, h = 0.39 \text{ m}, v = 0.31 \text{ m/s}$		
						$Q = 0.32 \text{ m}^3/\text{s}, I = 1/8200$ $B = 1.5 \text{ m}, h = 0.46 \text{ m}, v = 0.32 \text{ m/s}$		
						$Q = 0.32 \text{ m}^3/\text{s}, I = 1/8200$ $B = 1.5 \text{ m}, h = 0.46 \text{ m}, v = 0.32 \text{ m/s}$		
43-0-0	14	69000	113.20	112.03	113.75	114.25	114.59	
43-1-0	187	69187	114.25	112.90	113.72	114.22	114.56	
43-2-0	201	69368	114.45	112.87	113.69	114.20	114.54	
43-3-0	201	69569	114.25	112.84	113.66	114.17	114.51	
43-4-0	201	69770	114.24	112.81	113.63	114.15	114.48	
43-5-0	201	69971	113.82	112.78	113.60	114.07	114.45	
43-6-0	201	70192	114.18	112.75	113.57	114.04	114.43	
43-7-0	201	70384	113.46	112.72	113.54	114.02	114.41	
43-8-0	201	70593	113.43	112.69	113.51	113.99	114.38	
43-9-0	201	70796	113.37	112.66	113.48	113.97	114.36	
43-10-0	201	70997	113.41	112.63	113.45	113.94	114.33	
43-11-0	201	71198	113.40	112.60	113.42	113.91	114.31	
43-12-0	201	71399	114.10	112.57	113.39	113.88	114.28	
43-13-0	201	71600	113.14	112.54	113.36	113.85	114.25	
43-14-0	145	71801	112.71	111.76	112.58	112.99	113.45	
43-15-0	201	72002	112.74	111.71	112.54	112.95	113.41	
43-16-0	201	72203	112.73	111.72	112.55	112.96	113.42	
43-17-0	201	72404	112.90	111.62	112.37	112.87	113.33	
43-18-0	201	72605	112.47	111.58	112.31	112.78	113.40	
43-19-0	201	72806	112.11	111.53	112.26	112.75	113.38	



INDIA

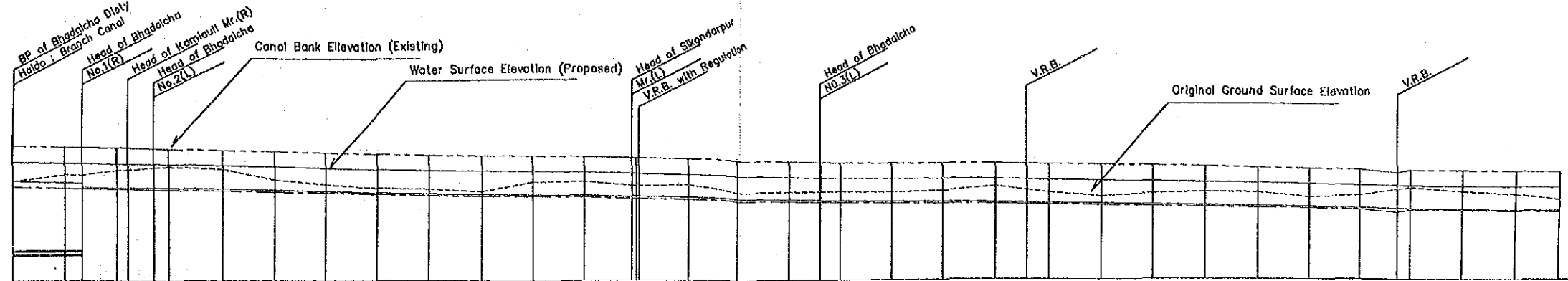
FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT

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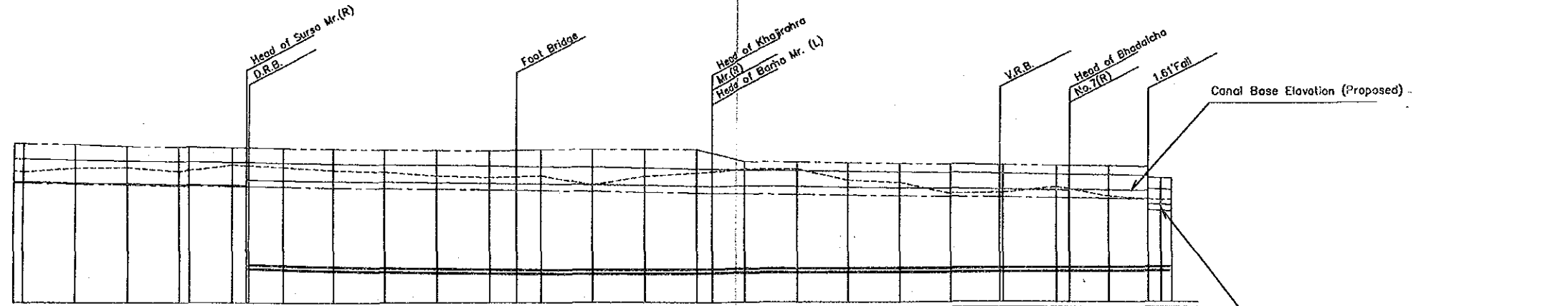
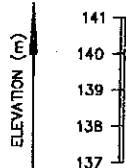
PROFILE OF BADAICHADISTRIBUTARY  
CANAL IN SATORN AREA (77)

JAPAN INTERNATIONAL COOPERATION AGENCY

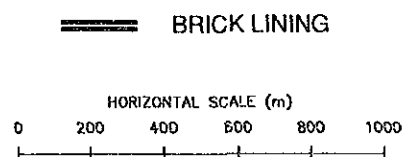
Badalcha Disty (1/4)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
0-0-0	0	0	140.33	140.12	141.70	140.34	141.08
0-1-0	20	20	140.60	140.08	141.85	140.30	141.04
0-1-228	99	270	140.59	140.07	141.85	140.31	141.03
0-2-0	132	402	140.78	140.04	141.53	140.08	141.00
0-2-134	41	443	140.78	140.03	141.52	140.09	141.00
0-2-467	142	545	140.85	140.01	141.58	140.07	140.98
0-3-0	180	603	140.88	140.00	141.56	140.07	140.97
0-4-0	41	905	140.79	139.96	141.52	140.03	140.93
0-5-0	201	1006	140.39	139.92	141.46	139.99	140.89
0-6-0	201	1207	140.21	139.95	141.44	139.85	140.85
0-7-0	201	1408	140.09	139.85	141.41	139.81	140.81
1-0-0	201	1609	140.06	139.81	141.37	139.85	140.78
1-1-0	201	1810	139.96	139.78	141.33	139.84	140.74
1-2-0	201	2011	140.20	139.74	141.29	139.90	140.70
1-3-0	201	2212	140.30	139.70	141.25	139.76	140.66
1-3-604	184	2386	140.18	139.68	141.22	139.72	140.63
1-4-0	17	2474	140.13	139.65	141.21	139.75	140.62
1-5-0	180	2675	140.18	139.62	141.18	139.70	140.57
1-6-0	201	2876	139.90	139.58	141.14	139.67	140.54
1-7-0	201	3077	139.83	139.55	141.10	139.63	140.50
1-7-388	121	3138	139.83	139.53	141.08	139.60	140.47
2-0-0	90	3218	139.83	139.51	141.06	139.57	140.46
2-1-0	201	3419	139.90	139.48	141.03	139.54	140.43
2-2-0	201	3620	139.83	139.45	141.00	139.51	140.40
2-3-0	201	3821	140.09	139.42	140.97	139.48	140.37
2-3-394	120	3941	139.84	139.40	140.95	139.45	140.35
2-4-0	81	4023	139.84	139.38	140.94	139.44	140.33
2-5-0	201	4224	139.60	139.35	140.91	139.41	140.30
2-6-0	201	4425	139.81	139.32	140.88	139.38	140.27
2-7-0	201	4626	139.87	139.29	140.85	139.35	140.24
3-0-0	201	4827	139.84	139.25	140.78	139.32	140.21
3-1-0	201	5028	139.65	139.23	140.76	139.29	140.18
3-2-0	201	5229	139.75	139.20	140.73	139.25	140.15
3-2-494	131	5380	139.96	139.08	140.80	139.23	140.13
3-3-0	51	5421	140.03	139.17	140.76	139.21	140.11
3-4-0	201	5633	139.67	139.14	140.67	139.18	140.07
3-5-0	201	5834	139.75	139.11	140.63	139.15	140.04
3-6-0	169	6000	139.55	139.08	140.61	139.13	140.02

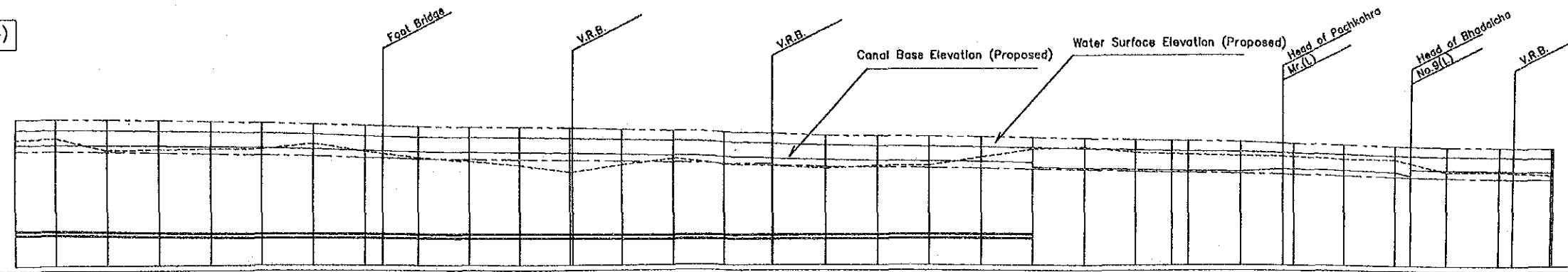
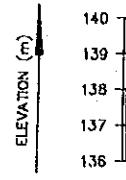


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
3-6-8	156	6000	139.08	138.15	140.61	138.15	140.02
3-7-7	34	6035	139.51	138.08	140.60	138.12	140.07
4-0-0	201	6237	139.66	138.05	140.57	138.09	139.98
4-1-0	201	6439	139.69	138.02	140.57	138.00	139.95
4-1-117	201	6637	139.84	138.05	140.48	138.03	139.92
4-2-0	163	6673	139.58	138.06	140.46	138.02	139.89
4-2-182	55	6630	139.71	138.05	140.45	138.00	139.88
4-2-212	85	6894	139.75	138.05	140.44	138.00	139.88
4-3-0	81	6903	139.75	138.05	140.44	138.00	139.88
4-4-0	201	7039	139.69	138.63	140.42	138.16	139.85
4-5-0	201	7241	139.57	138.59	140.39	138.15	139.82
4-6-0	201	7442	139.51	138.57	140.36	138.12	139.79
4-7-0	201	7643	139.33	138.84	140.33	138.09	139.76
4-7-348	106	7844	139.29	138.81	140.30	138.08	139.73
5-0-0	94	7950	139.32	138.79	140.33	138.04	139.71
5-1-0	201	8045	139.35	138.76	140.35	138.03	139.70
5-2-0	201	8246	139.69	138.74	140.36	138.00	139.67
5-3-0	201	8447	139.32	138.71	140.35	138.07	139.64
5-4-0	140	8648	139.42	138.68	140.36	138.04	139.61
5-5-0	201	8708	139.50	138.67	140.32	138.03	139.60
5-6-0	201	8850	139.60	138.65	139.90	138.06	139.57
5-7-0	201	9001	139.60	138.62	139.87	138.03	139.54
5-8-0	201	9202	139.17	138.59	139.84	138.00	139.51
5-9-0	201	9403	139.08	138.50	139.81	138.07	139.48
6-0-0	201	9604	139.65	138.53	139.78	138.04	139.45
6-1-0	168	9842	139.68	138.50	139.75	138.01	139.42
6-2-0	13	9955	139.68	138.50	139.75	138.00	139.41
6-3-0	201	10058	139.06	138.47	139.72	138.77	139.38
6-4-0	49	10105	138.69	138.46	139.71	138.76	139.37
6-5-0	152	10267	138.53	138.44	139.69	138.77	139.35
6-6-0	135	10410	138.42	138.42	139.67	138.74	139.32
6-7-0	49	10450	138.39	137.97	139.21	138.21	138.79
6-8-0	4	10500	138.39	137.96	139.21	138.20	138.78

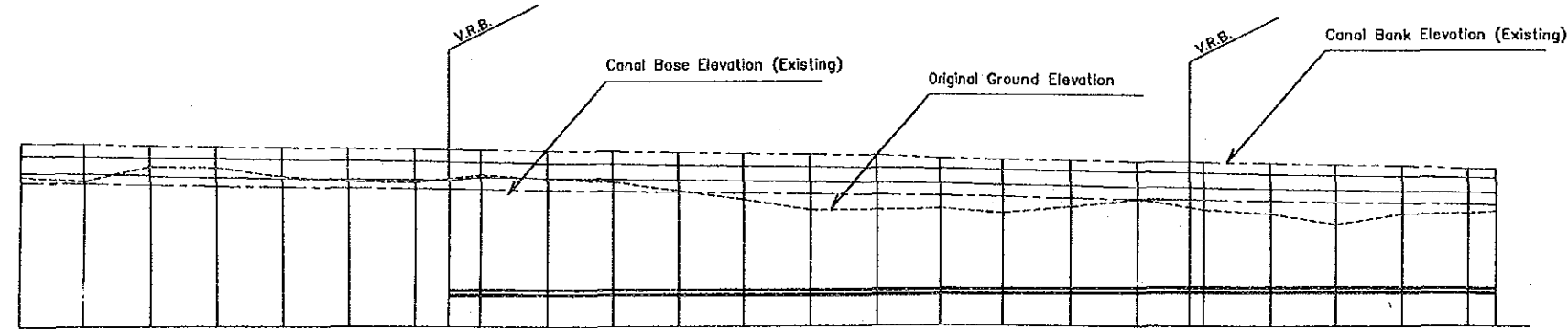
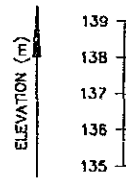


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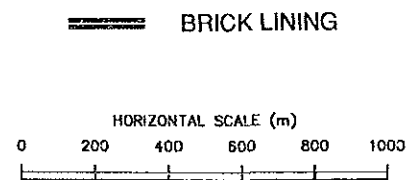
Badaicha Disty (2/4)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
6+0-0	41	10500	138.21	137.06	138.21	Q=1.19 m <sup>3</sup> /s, I=1/8800 B=3.6 m, h=0.58 m, v=0.46 m/s	138.78
6+5-0	160	10660	138.44	137.93	138.19		138.70
6+6-0	201	10800	137.95	137.88	138.14		138.73
6+7-0	201	11000	137.98	137.86	138.11		138.70
7+0-0	201	11263	138.01	137.82	138.07		138.67
7+1-0	201	11464	138.01	137.78	138.03		138.63
7+2-0	201	11865	138.23	137.74	138.09		138.59
7+3-0	201	11884	137.93	137.71	138.06		138.56
7+3-219	87	11633	137.87	137.70	138.05		138.54
7+4-0	134	12086	137.71	137.67	138.02		138.52
7+5-0	201	12269	137.66	137.63	138.06		138.48
7+6-0	201	12470	137.57	137.56	138.04		138.44
7+7-0	201	12871	137.10	137.55	138.00		138.40
7+7-32	10	12881	137.11	137.55	138.00		138.39
8+0-0	161	12872	137.57	137.52	138.74	Q=1.10 m <sup>3</sup> /s, I=1/5280 B=3.3 m, h=0.57 m, v=0.60 m/s	138.35
8+1-0	201	13073	137.62	137.46	138.70		138.32
8+2-0	201	13274	137.40	137.44	138.66		138.28
8+3-0	4	13475	137.37	137.40	138.62		138.23
8+3-847	197	13471	137.37	137.44	138.62		138.23
8+4-0	201	13677	137.28	137.34	138.58		138.19
8+5-0	201	13878	137.37	137.32	138.54		138.15
8+6-0	201	14079	137.37	137.28	138.50		138.11
8+7-0	201	14280	137.68	137.25	138.47		138.08
9+0-0	201	14481	137.68	137.21	138.43		138.04
9+1-0	201	14682	138.04	137.18	138.39		138.00
9+2-0	201	14883	137.86	137.15	138.35		137.96
9+2-480	140	15023	137.62	137.11	138.33		137.94
9+3-0	81	15084	137.80	137.10	138.32		137.92
9+4-0	201	15285	137.74	137.06	138.28		137.89
9+4-227	161	15446	137.72	137.03	138.22		137.89
9+5-0	40	15497	137.71	137.02	138.21		137.85
9+6-0	201	15688	137.62	136.99	138.17		137.81
9+7-0	201	15889	137.62	136.94	138.13		137.77
9+7-200	81	15950	137.47	136.93	138.12		137.76
10+0-0	140	16000	137.13	136.90	138.09		137.73
10+1-0	201	16201	137.13	136.87	138.06		137.70
10+1-100	33	16346	137.10	136.86	138.05		137.68
10+2-0	148	16503	137.09	136.83	138.03		137.65

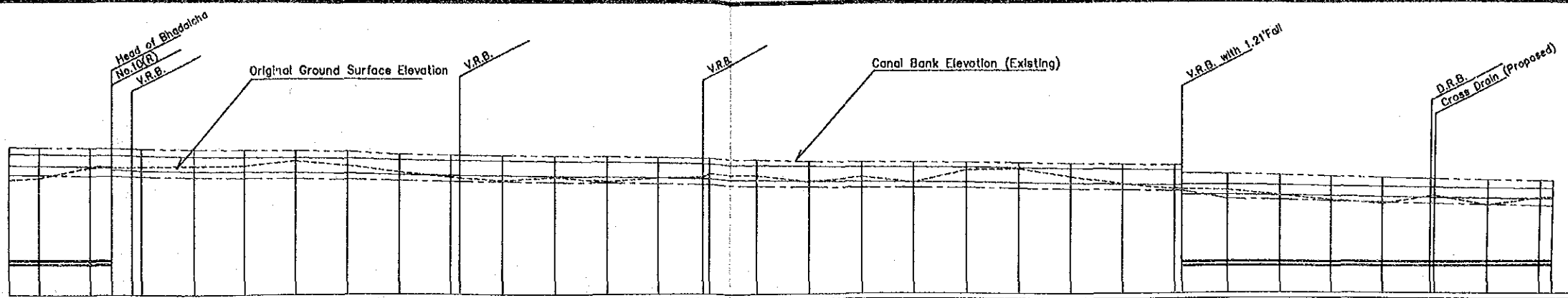
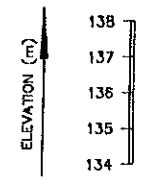


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
10+3-0	8	16500	137.00	136.83	137.00	Q=0.64 m <sup>3</sup> /s, I=1/8800 B=3.0 m, h=0.57 m, v=0.32 m/s	137.65
10+4-0	183	16603	136.86	136.79	137.08		137.61
10+5-0	201	16895	137.31	136.75	137.64		137.58
10+6-0	201	17088	137.28	136.72	137.97		137.55
10+7-0	201	17287	137.01	136.68	137.80		137.52
10+7-0	201	17488	136.80	136.66	137.65		137.49
11+0-0	201	17689	136.82	136.63	137.60		137.46
11+0-542	104	17603	136.83	136.61	137.60		137.44
11+1-0	97	17900	137.04	136.80	137.76		137.42
11+2-0	201	18101	136.82	136.57	137.78		137.38
11+3-0	201	18302	136.82	136.54	137.73		137.35
11+4-0	201	18504	136.55	136.51	137.70		137.32
11+5-0	201	18705	136.26	136.46	137.67		137.29
11+6-0	201	18906	135.97	136.45	137.64		137.26
11+7-0	201	19107	135.97	136.42	137.61		137.23
12+0-0	201	19308	136.00	136.39	137.51		137.20
12+1-0	201	19509	135.88	136.38	137.48		137.17
12+2-0	201	19710	136.06	136.35	137.45		137.14
12+3-0	201	19911	136.28	136.29	137.42		137.11
12+3-318	157	20000	136.04	136.27	137.40		137.08
12+4-0	44	20113	135.87	136.26	137.39		137.06
12+5-0	201	20314	135.85	136.23	137.36		137.04
12+6-0	201	20515	135.54	136.20	137.30		137.01
12+7-0	201	20716	135.65	136.17	137.30		136.98
13+0-0	201	20917	135.08	136.14	137.25		136.95
13+0-0	83	21000	135.93	136.13	137.20		136.94

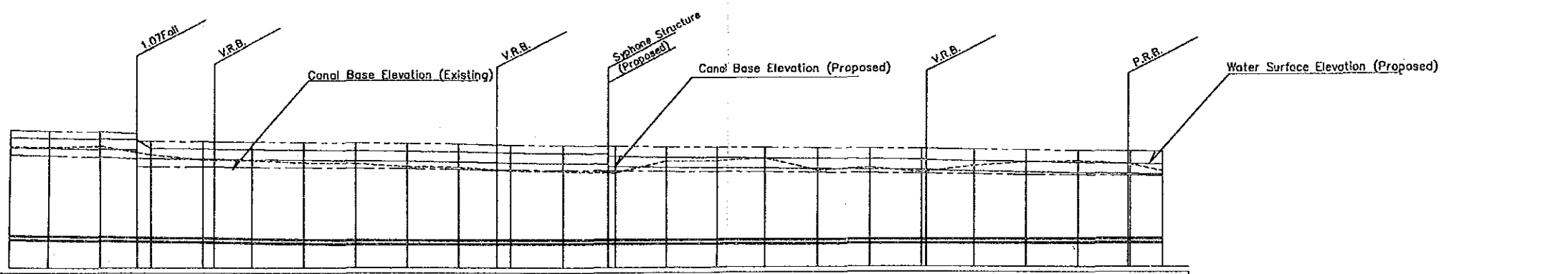
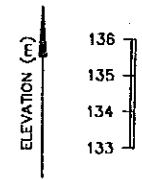


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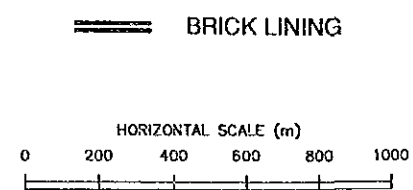
Badaicha Disty (3/4)



STATION NO.	DISTANCE	REDUCED DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	EXISTING CONDITIONS			PROPOSED		
				CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION
13-1-0	18	21000	135.83	136.13	136.49	136.49	136.84	1.5 m, 0.30 m/s	
13-2-0	118	21118	136.00	136.11	136.47	136.47	136.82	1.5 m, 0.30 m/s	
13-2-278	201	21319	136.40	136.08	137.15	136.44	136.88	1.5 m, 0.30 m/s	
13-2-308	65	21404	136.40	136.07	137.14	136.43	136.88	1.5 m, 0.30 m/s	
13-3-0	79	21483	136.40	136.06	137.13	136.42	136.87	1.5 m, 0.30 m/s	
13-4-0	201	21722	136.48	136.02	137.09	136.23	136.62	1.5 m, 0.30 m/s	
13-5-0	201	21823	136.44	135.99	137.06	136.22	136.79	1.5 m, 0.30 m/s	
13-6-0	201	22124	136.84	135.98	137.03	136.19	136.78	1.5 m, 0.30 m/s	
13-7-0	201	22325	136.45	135.93	137.00	136.18	136.73	1.5 m, 0.30 m/s	
14-0-0	201	22526	136.22	135.90	136.90	136.13	136.70	1.5 m, 0.30 m/s	
14-1-0	201	22727	136.03	135.87	136.87	136.10	136.67	1.5 m, 0.30 m/s	
14-1-17	36	22783	136.00	135.86	136.86	136.09	136.66	1.5 m, 0.30 m/s	
14-2-0	165	22928	135.88	135.84	136.84	136.07	136.64	1.5 m, 0.30 m/s	
14-3-0	201	23129	136.00	135.81	136.81	136.04	136.61	1.5 m, 0.30 m/s	
14-4-0	201	23330	135.62	135.78	136.78	136.00	136.57	1.5 m, 0.30 m/s	
14-5-0	201	23531	135.97	135.75	136.75	135.97	136.54	1.5 m, 0.30 m/s	
14-6-0	178	23732	136.03	135.72	136.72	135.95	136.52	1.5 m, 0.30 m/s	
14-7-0	201	23933	136.09	135.68	136.68	135.91	136.48	1.5 m, 0.30 m/s	
15-0-0	201	24134	135.85	135.65	136.63	135.88	136.45	1.5 m, 0.30 m/s	
15-1-0	201	24335	136.03	135.62	136.60	135.84	136.41	1.5 m, 0.30 m/s	
15-2-0	201	24536	135.78	135.59	136.57	135.81	136.38	1.5 m, 0.30 m/s	
15-3-0	201	24737	136.25	135.56	136.54	135.78	136.35	1.5 m, 0.30 m/s	
15-4-0	201	24938	136.28	135.53	136.51	135.75	136.32	1.5 m, 0.30 m/s	
15-5-0	201	25139	135.97	135.50	136.48	135.72	136.29	1.5 m, 0.30 m/s	
15-6-0	201	25340	136.70	135.47	136.45	135.69	136.26	1.5 m, 0.30 m/s	
15-7-0	201	25541	135.51	135.44	136.42	135.66	136.23	1.5 m, 0.30 m/s	
15-7-01	28	25571	135.50	135.44	136.42	135.65	136.22	1.5 m, 0.30 m/s	
16-0-0	173	25744	135.45	135.11	136.06	135.27	135.65	1.5 m, 0.30 m/s	
16-1-0	201	25945	135.24	135.07	136.01	135.24	135.63	1.5 m, 0.30 m/s	
16-2-0	201	26146	136.06	135.02	135.97	135.22	135.61	1.5 m, 0.30 m/s	
16-3-0	201	26347	134.93	134.89	135.92	135.19	135.58	1.5 m, 0.30 m/s	
16-3-010	186	26333	135.22	134.83	135.88	135.17	135.56	1.5 m, 0.30 m/s	
16-4-0	201	26548	135.24	134.93	134.86	135.16	135.55	1.5 m, 0.30 m/s	
16-5-0	201	26750	134.87	134.89	135.83	135.13	135.52	1.5 m, 0.30 m/s	
16-6-0	201	26951	135.14	134.84	135.79	135.11	135.50	1.5 m, 0.30 m/s	
16-7-0	49	27000	135.14	134.83	135.78	135.10	135.49	1.5 m, 0.30 m/s	



STATION NO.	DISTANCE	REDUCED DISTANCE	ORIGINAL GROUND SURFACE ELEVATION	EXISTING CONDITIONS			PROPOSED		
				CANAL BANK ELEVATION	CANAL BASE ELEVATION	CANAL DIMENSION	CANAL BANK ELEVATION	CANAL BASE ELEVATION	WATER SURFACE ELEVATION
16-7-0	49	27000	135.14	134.83	135.78	135.10	135.49	1.5 m, 0.30 m/s	
17-0-0	152	27152	135.12	134.79	135.74	135.08	135.47	1.5 m, 0.30 m/s	
17-0-01	201	27353	135.18	134.75	135.73	135.08	135.45	1.5 m, 0.30 m/s	
17-1-0	147	27500	134.93	134.69	135.68	135.05	135.42	1.5 m, 0.30 m/s	
17-2-0	54	27554	134.84	134.58	135.58	134.88	135.38	1.5 m, 0.30 m/s	
17-3-0	201	27755	134.85	134.56	135.54	134.87	135.36	1.5 m, 0.30 m/s	
17-4-0	45	27800	134.82	134.56	135.53	134.85	135.35	1.5 m, 0.30 m/s	
17-5-0	156	27956	134.80	134.54	135.52	134.83	135.32	1.5 m, 0.30 m/s	
17-6-0	201	28156	134.51	134.52	135.29	134.61	135.00	1.5 m, 0.30 m/s	
17-7-0	201	28356	134.48	134.30	135.27	134.59	134.97	1.5 m, 0.30 m/s	
17-8-0	201	28556	134.35	134.26	135.25	134.58	134.95	1.5 m, 0.30 m/s	
17-9-0	201	28756	134.33	134.26	135.23	134.53	134.92	1.5 m, 0.30 m/s	
18-0-0	149	28910	134.23	134.21	135.19	134.51	134.90	1.5 m, 0.30 m/s	
18-1-0	201	28962	134.20	134.23	135.18	134.49	134.88	1.5 m, 0.30 m/s	
18-2-0	201	29163	134.17	134.21	135.16	134.47	134.86	1.5 m, 0.30 m/s	
18-3-0	172	29320	134.12	134.19	135.14	134.45	134.84	1.5 m, 0.30 m/s	
18-4-0	30	29384	134.11	134.19	135.14	134.44	134.83	1.5 m, 0.30 m/s	
18-5-0	201	29585	134.07	134.17	135.11	134.42	134.81	1.5 m, 0.30 m/s	
18-6-0	201	29787	134.07	134.15	135.09	134.40	134.79	1.5 m, 0.30 m/s	
18-7-0	201	29988	134.08	134.13	135.07	134.39	134.78	1.5 m, 0.30 m/s	
18-8-0	201	30189	134.20	134.11	135.05	134.38	134.77	1.5 m, 0.30 m/s	
18-9-0	201	30370	134.25	134.08	135.03	134.37	134.76	1.5 m, 0.30 m/s	
19-0-0	201	30571	134.11	134.06	135.01	134.36	134.75	1.5 m, 0.30 m/s	
19-1-0	183	30868	134.13	134.00	135.01	134.35	134.74	1.5 m, 0.30 m/s	
19-2-0	201	30772	134.36	134.04	134.99	134.34	134.73	1.5 m, 0.30 m/s	
19-3-0	201	30973	134.51	134.02	134.97	134.32	134.71	1.5 m, 0.30 m/s	
19-4-0	201	31174	134.54	134.00	134.94	134.31	134.70	1.5 m, 0.30 m/s	
19-5-0	183	31375	134.42	133.98	134.92	134.29	134.68	1.5 m, 0.30 m/s	
19-6-0	126	31378	134.42	133.98	134.92	134.29	134.68	1.5 m, 0.30 m/s	
19-7-0	126	31500	134.15	133.97	134.91	134.28	134.67	1.5 m, 0.30 m/s	



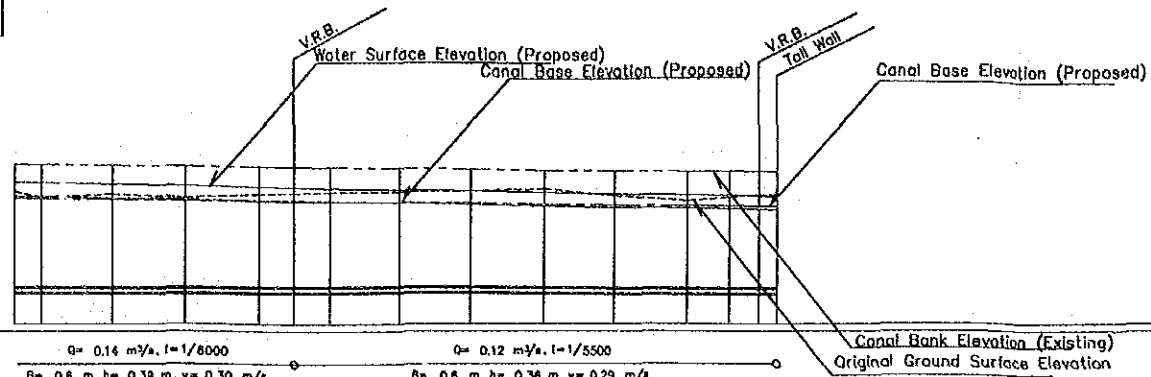
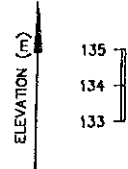
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FEASIBILITY STUDY ON  
IRRIGATION AND DRAINAGE DEVELOPMENT OF  
SHARDA CANAL CAD PROJECT

TITLE: PROFILE OF BADAICHADISTRIBUTARY CANAL IN SURUSA AREA (3/4)

JAPAN INTERNATIONAL COOPERATION AGENCY

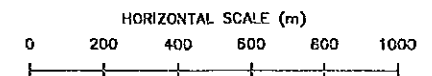
Badaicha Disty (4/4)



PROPOSED	CANAL DIMENSION	$Q = 0.14 \text{ m}^3/\text{s}, I = 1/6000$ $B = 0.6 \text{ m}, h = 0.39 \text{ m}, v = 0.30 \text{ m/s}$		$Q = 0.12 \text{ m}^3/\text{s}, I = 1/5500$ $B = 0.6 \text{ m}, h = 0.36 \text{ m}, v = 0.29 \text{ m/s}$	
	WATER SURFACE ELEVATION	134.41	134.40	134.35	134.33
EXISTING CONDITIONS	CANAL BANK ELEVATION	134.02	134.01	133.97	133.94
	CANAL BASE ELEVATION	133.87	133.86	133.84	133.81
	ORIGINAL GROUND SURFACE ELEVATION	134.15	133.99	134.08	133.89
REDUCED DISTANCE	31500	31577	31776	31979	
DISTANCE	124	77	201	201	
STATION NO.	19-5-0	19-6-0	19-7-0	20-0-0	

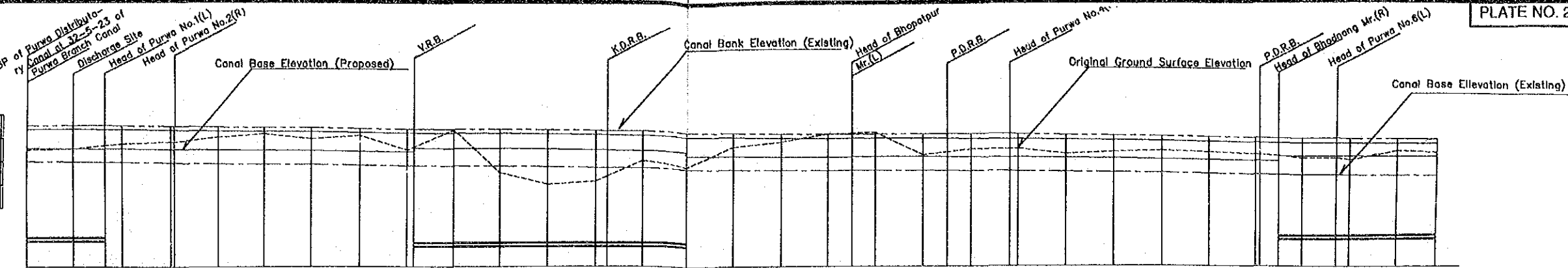
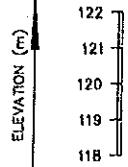
PROPOSED	CANAL DIMENSION	
	WATER SURFACE ELEVATION	
EXISTING CONDITIONS	CANAL BANK ELEVATION	
	CANAL BASE ELEVATION	
	ORIGINAL GROUND SURFACE ELEVATION	
REDUCED DISTANCE		
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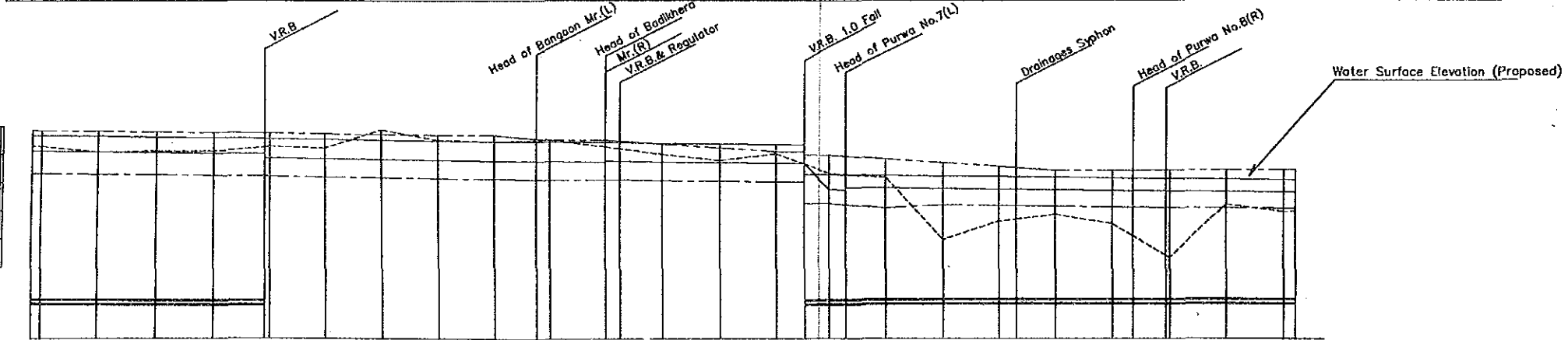
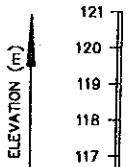


INDIA  
 FEASIBILITY STUDY ON  
 IRRIGATION AND DRAINAGE DEVELOPMENT OF  
 SHARDA CANAL CAD PROJECT  
 TITLE:  
 PROFILE OF BADAICHADISTRIBUTARY  
 CANAL IN SURUSA AREA (4/4)  
 JAPAN INTERNATIONAL COOPERATION AGENCY

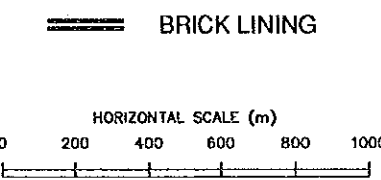
Purwa disty (1/3)



PROPOSED	CANAL DIMENSION	$Q = 1.61 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.5 \text{ m}, h = 0.80 \text{ m}, v = 0.34 \text{ m/s}$																	$Q = 1.57 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.8 \text{ m}, h = 0.64 \text{ m}, v = 0.42 \text{ m/s}$																	$Q = 1.52 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.8 \text{ m}, h = 0.60 \text{ m}, v = 0.34 \text{ m/s}$																	$Q = 1.37 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.5 \text{ m}, h = 0.78 \text{ m}, v = 0.33 \text{ m/s}$																	$Q = 1.34 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.5 \text{ m}, h = 0.77 \text{ m}, v = 0.33 \text{ m/s}$																	$Q = 1.13 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.5 \text{ m}, h = 0.55 \text{ m}, v = 0.38 \text{ m/s}$																
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PROPOSED	CANAL DIMENSION	$Q = 1.11 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.5 \text{ m}, h = 0.55 \text{ m}, v = 0.38 \text{ m/s}$																	$Q = 1.11 \text{ m}^3/\text{s}, I = 1/9430$ $B = 4.5 \text{ m}, h = 0.89 \text{ m}, v = 0.31 \text{ m/s}$																	$Q = 0.81 \text{ m}^3/\text{s}, I = 1/9430$ $B = 3.5 \text{ m}, h = 0.86 \text{ m}, v = 0.29 \text{ m/s}$																	$Q = 0.82 \text{ m}^3/\text{s}, I = 1/9430$ $B = 3.5 \text{ m}, h = 0.45 \text{ m}, v = 0.33 \text{ m/s}$																	$Q = 0.69 \text{ m}^3/\text{s}, I = 1/9430$ $B = 3.5 \text{ m}, h = 0.44 \text{ m}, v = 0.33 \text{ m/s}$																
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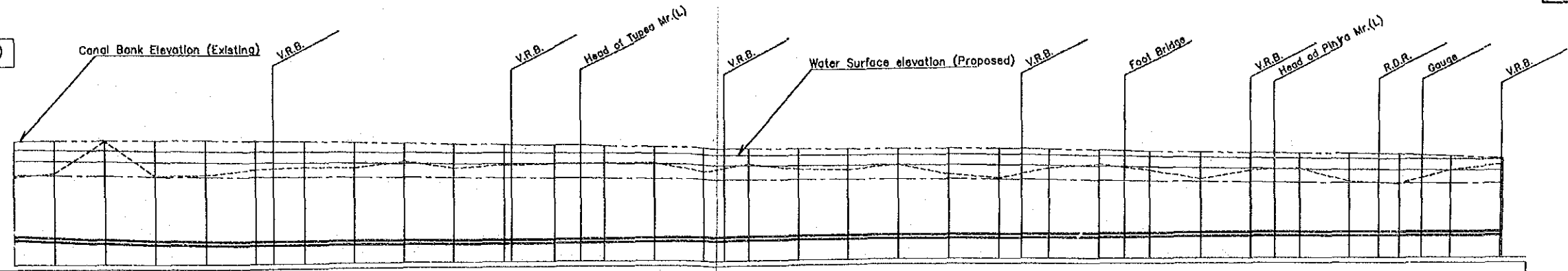
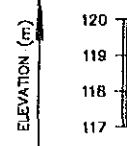
FEASIBILITY STUDY ON IRRIGATION AND DRAINAGE DEVELOPMENT OF SHARDA CANAL CAD PROJECT

TITLE: PROFILE OF PURWADISTRIBUTARY CANAL IN PURWA AREA (1/3)

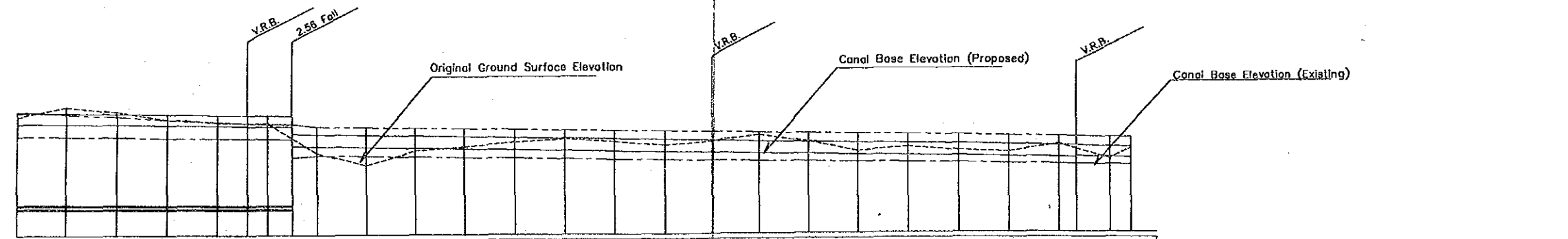
JAPAN INTERNATIONAL COOPERATION AGENCY



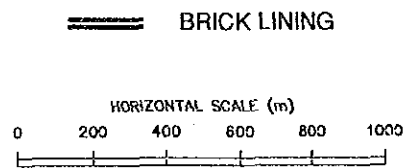
Purwa Disty (2/3)



STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
6-3-0	42	10500	118.47	118.58	118.10	3.5 m, h=0.44 m, v=0.33 m/s	118.12
6-6-0	159	10650	118.47	118.58	118.08		118.10
6-7-0	201	10861	118.47	118.58	118.06		118.07
7-0-0	201	11062	118.47	118.58	118.03		118.05
7-0-0	201	11263	118.49	118.59	118.01		118.03
7-1-0	201	11464	118.43	118.57	118.01		118.01
7-1-338	73	11537	118.32	118.42	117.98		118.00
7-2-0	129	11695	118.36	118.44	117.97		118.00
7-3-0	201	11866	118.32	118.41	117.95		118.05
7-4-0	201	12066	118.37	118.45	117.93		118.03
7-5-0	201	12289	118.29	118.37	117.81		118.47
7-6-0	201	12470	118.40	118.48	117.91		118.45
7-6-97	30	12499	118.40	118.48	117.88		118.45
7-7-0	172	12671	118.43	118.51	117.85		118.44
7-7-380	107	12779	118.43	118.51	117.85		118.43
8-0-0	94	12872	118.43	118.51	117.84		118.42
8-1-0	201	13073	118.42	118.50	117.81		118.40
8-2-0	201	13274	118.10	118.17	117.60		118.60
8-2-330	101	13375	118.28	118.35	117.79		118.76
8-3-0	101	13475	118.41	118.48	117.78		118.77
8-4-0	201	13677	118.18	118.25	117.70		118.75
8-5-0	201	13879	118.13	118.20	117.74		118.73
8-6-0	201	14079	118.31	118.37	117.71		118.71
8-7-0	201	14280	117.88	117.95	117.63		118.69
8-8-0	201	14481	117.71	117.77	117.67		118.67
8-8-384	90	14571	117.69	117.75	117.65		118.65
8-9-0	112	14692	118.11	118.17	117.85		118.63
8-9-0	201	14893	118.26	118.32	117.83		118.61
8-9-330	101	14984	118.15	118.21	117.82		118.60
8-9-0	101	15084	118.04	118.10	117.81		118.59
8-9-0	201	15285	117.69	117.75	117.77		118.56
8-9-0	201	15487	118.03	118.09	117.75		118.54
8-9-15	5	15491	118.04	118.10	117.75		118.53
8-9-330	98	15597	118.07	118.13	117.73		118.52
8-9-0	101	15698	118.11	118.17	117.74		118.51
8-9-0	201	15899	117.57	117.63	117.52		118.49
8-9-278	115	16004	117.51	117.57	117.51		118.48
8-9-0	88	16090	117.47	117.53	117.50		118.47
8-9-286	88	16178	117.70	117.76	117.49		118.45
8-9-0	113	16291	118.00	118.06	117.49		118.44
8-9-0	201	16492	118.22	118.28	117.48		118.42
8-9-0	8	16500	118.24	118.30	117.48		118.41

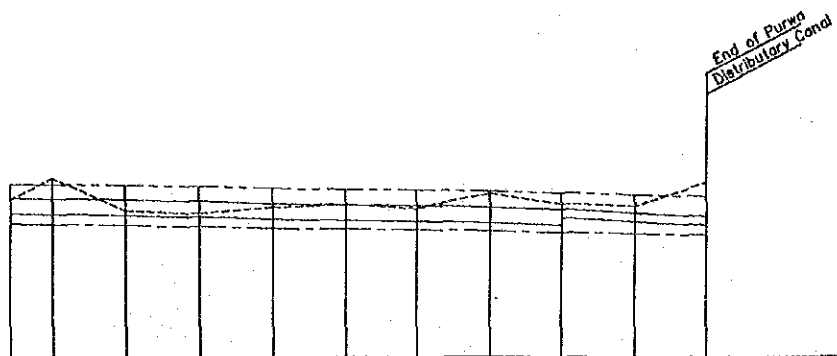
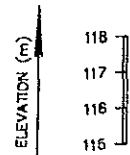


STATION NO.	DISTANCE	REDUCED DISTANCE	EXISTING CONDITIONS			PROPOSED	
			CANAL BANK ELEVATION	CANAL BASE ELEVATION	ORIGINAL GROUND SURFACE ELEVATION	CANAL DIMENSION	WATER SURFACE ELEVATION
9-1600	8	11600	117.46	117.57	116.24	2.25 m, h=0.44 m, v=0.31 m/s	118.41
10-3-0	193	16693	117.44	117.55	116.54		118.39
10-4-0	201	16895	117.42	117.53	116.43		118.37
10-5-0	201	17096	117.39	117.51	116.14		118.35
10-6-0	201	17297	117.37	117.48	116.04		118.32
10-6-400	122	17418	117.36	117.47	116.00		118.30
10-7-0	76	17498	117.35	117.46	115.98		118.28
10-7-330	101	17598	117.34	117.45	115.94		118.26
11-0-0	101	17698	117.33	117.44	115.88		118.24
11-1-0	201	17900	116.28	116.35	115.65		118.19
11-2-0	201	18101	116.62	116.69	115.62		118.17
11-3-0	201	18302	116.49	116.56	115.49		118.14
11-4-0	201	18504	116.55	116.62	115.34		118.10
11-5-0	201	18705	116.53	116.60	115.32		118.08
11-6-0	201	18906	116.45	116.52	115.20		118.05
11-7-0	201	19107	116.46	116.53	115.01		118.02
12-0-0	201	19308	116.43	116.50	114.90		117.99
12-1-0	201	19509	116.40	116.47	114.74		117.96
12-2-0	201	19710	116.37	116.44	114.59		117.93
12-3-0	201	19911	116.34	116.41	114.43		117.90
12-4-0	201	20112	116.31	116.38	114.27		117.87
12-5-0	201	20313	116.28	116.35	114.10		117.84
12-6-0	201	20514	116.25	116.32	113.93		117.81
12-7-0	201	20715	116.22	116.29	113.76		117.78
12-7-330	70	20780	116.21	116.28	113.60		117.75
13-0-0	131	20817	116.19	116.26	113.43		117.72
13-0-0	83	21000	116.18	116.25	113.26		117.69



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 SHARDA CANAL CAD PROJECT  
 TITLE:  
 PROFILE OF PURWA DISTRIBUTARY  
 CANAL IN PURWA AREA (2/3)  
 JAPAN INTERNATIONAL COOPERATION AGENCY

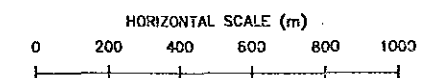
Purwa Disty (3/3)



PROPOSED	CANAL DIMENSION	$Q = 0.24 \text{ m}^3/\text{s}, I = 1/5000$ $B = 1.5 \text{ m}, h = 0.43 \text{ m}, v = 0.29 \text{ m/s}$		$Q = 0.06 \text{ m}^3/\text{s}$ $I = 1/20000$ $v = 0.29 \text{ m/s}$								
	WATER SURFACE ELEVATION	116.89	116.87	116.83	116.79	116.75	116.71	116.67	116.63	116.59	116.54	116.50
EXISTING CONDITIONS	CANAL BANK ELEVATION	116.46	116.44	116.40	116.36	116.32	116.28	116.24	116.20	116.15	116.11	116.07
	CANAL BASE ELEVATION	116.18	116.16	116.13	116.10	116.07	116.04	116.01	115.98	115.95	115.92	115.88
	ORIGINAL GROUND SURFACE ELEVATION	116.85	117.44	116.53	116.46	116.85	116.71	116.59	117.01	116.74	116.68	117.32
	REDUCED DISTANCE	21000	21116	21319	21520	21722	21923	22124	22325	22526	22727	22928
	DISTANCE	83	119	201	201	201	201	201	201	201	201	201
	STATION NO.	13-1-0	13-2-0	13-3-0	13-4-0	13-5-0	13-6-0	13-7-0	14-0-0	14-1-0	14-2-0	

PROPOSED	CANAL DIMENSION	
	WATER SURFACE ELEVATION	
EXISTING CONDITIONS	CANAL BANK ELEVATION	
	CANAL BASE ELEVATION	
	ORIGINAL GROUND SURFACE ELEVATION	
	REDUCED DISTANCE	
	DISTANCE	
	STATION NO.	

== BRICK LINING



INDIA  
 FEASIBILITY STUDY ON  
 IRRIGATION AND DRAINAGE DEVELOPMENT OF  
 SHARDA CANAL CAD PROJECT  
 TITLE:  
 PROFILE OF PURWADISTRIBUTARY  
 CANAL IN PURWA AREA (3/3)  
 JAPAN INTERNATIONAL COOPERATION AGENCY