

Fig. 4-13 Proposed Implementation Schedule

GOVERNMENT OF DEMOCRATIC SOCIALIST
 REPUBLIC OF SRI LANKA
 MINISTRY OF MAHAWELI DEVELOPMENT
 THE STUDY ON EXTENSION OF
 THE MORAGAHAKANDA AGRICULTURAL
 DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

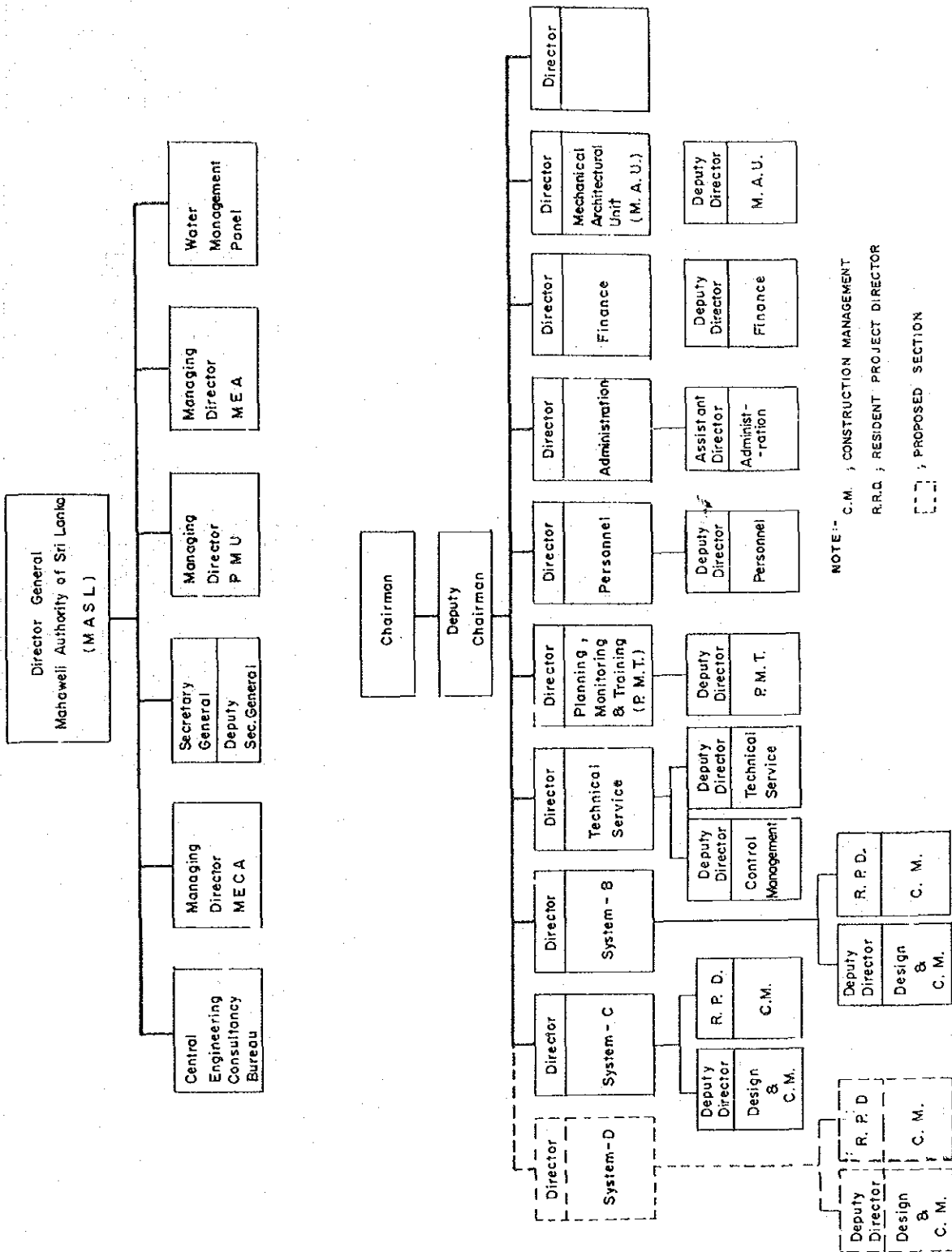
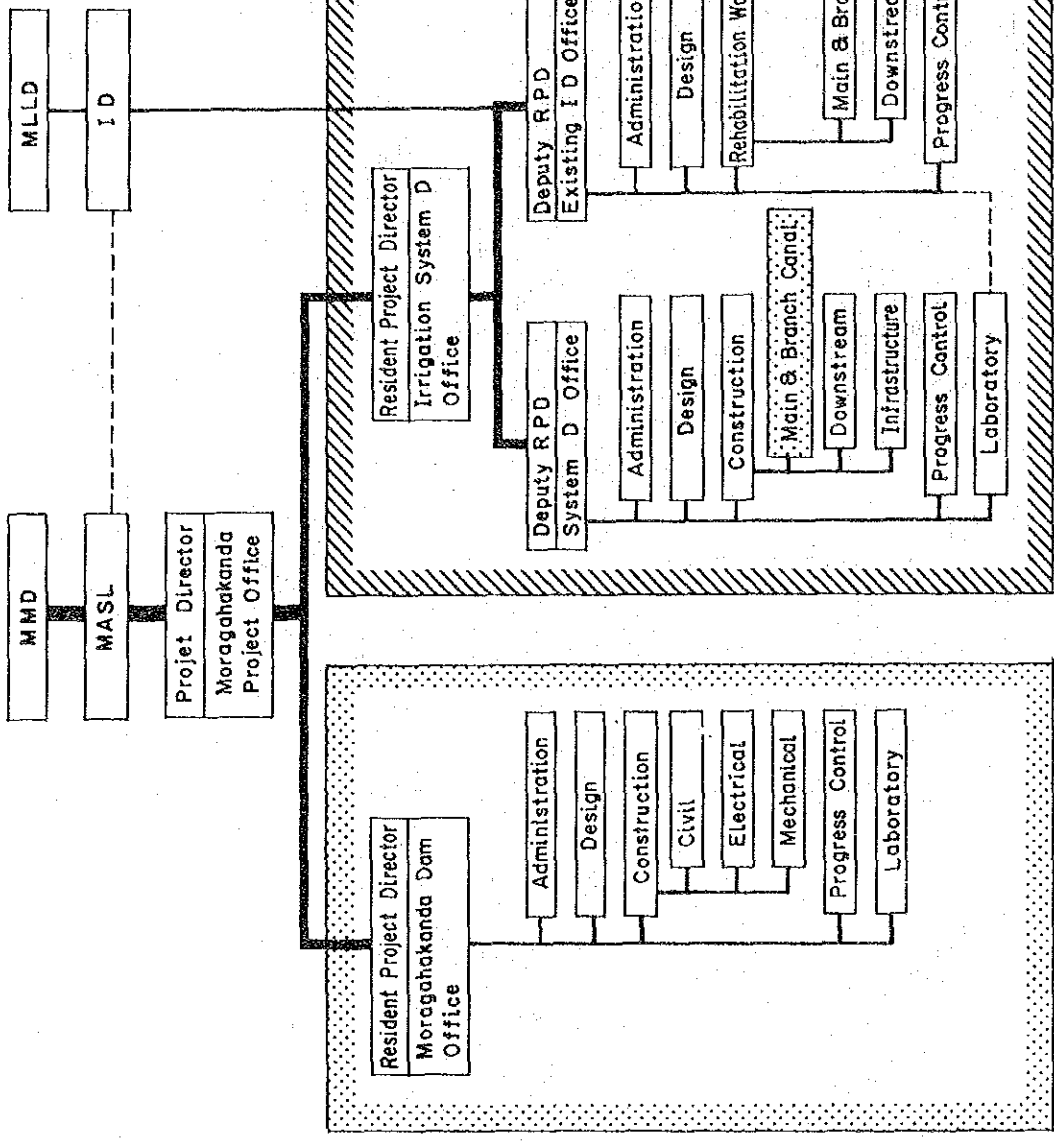


Fig. 5-1 Organization of MASL

GOVERNMENT OF DEMOCRATIC SOCIALIST
 REPUBLIC OF SRI LANKA
 MINISTRY OF MAHAWELI DEVELOPMENT
**THE STUDY ON EXTENSION OF
 THE MORAGAHAKANDA AGRICULTURAL
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 JAPAN INTERNATIONAL COOPERATION AGENCY



LEGEND

- The Engineer : Foreign Consultant with the assistance of CECB
- The Engineer : MECA or CECB with the assistance or advice of Foreign Consultants

Fig. 5-2 Organization During Project Implementation

GOVERNMENT OF DEMOCRATIC SOCIALIST
 REPUBLIC OF SRI LANKA
 MINISTRY OF MAHAWELEI DEVELOPMENT
 THE STUDY ON EXTENSION OF
 THE MORAGAHAKANDA AGRICULTURAL
 DEVELOPMENT PROJECT
 JAPAN INTERNATIONAL COOPERATION AGENCY

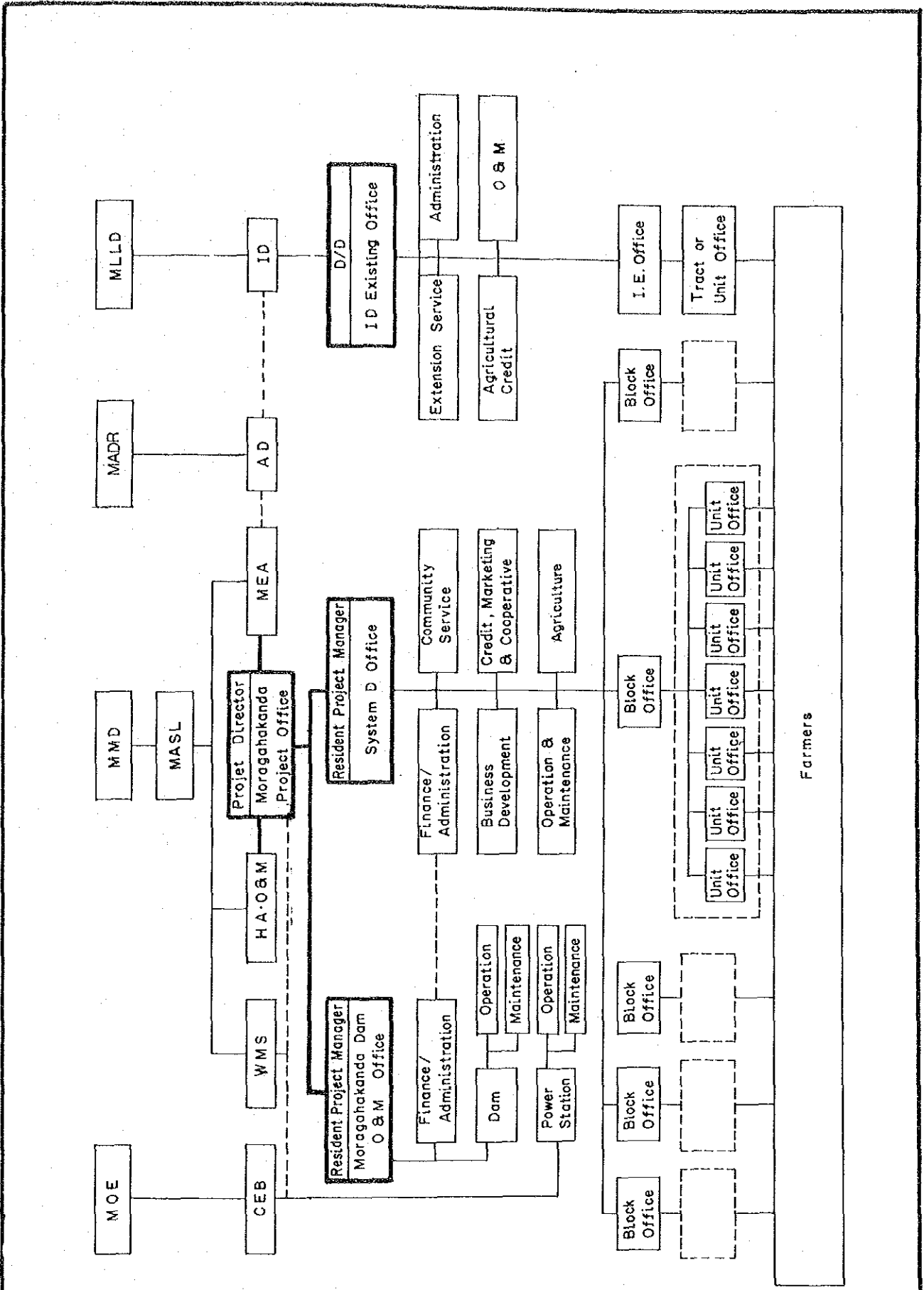


Fig. 5-3 Organization During Operation and Maintenance

GOVERNMENT OF DEMOCRATIC SOCIALIST
 REPUBLIC OF SRI LANKA
 MINISTRY OF MAHAWEI DEVELOPMENT
**THE STUDY ON EXTENSION OF
 THE MORAGAHAKANDA AGRICULTURAL
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 JAPAN INTERNATIONAL COOPERATION AGENCY

MAHAWELI ECONOMIC AGENCY
 Managing Director
 Manager - Finance & Administration
 Manager - Community Services
 Manager - Production Credit & Marketing
 Manager - Investment & Business Development

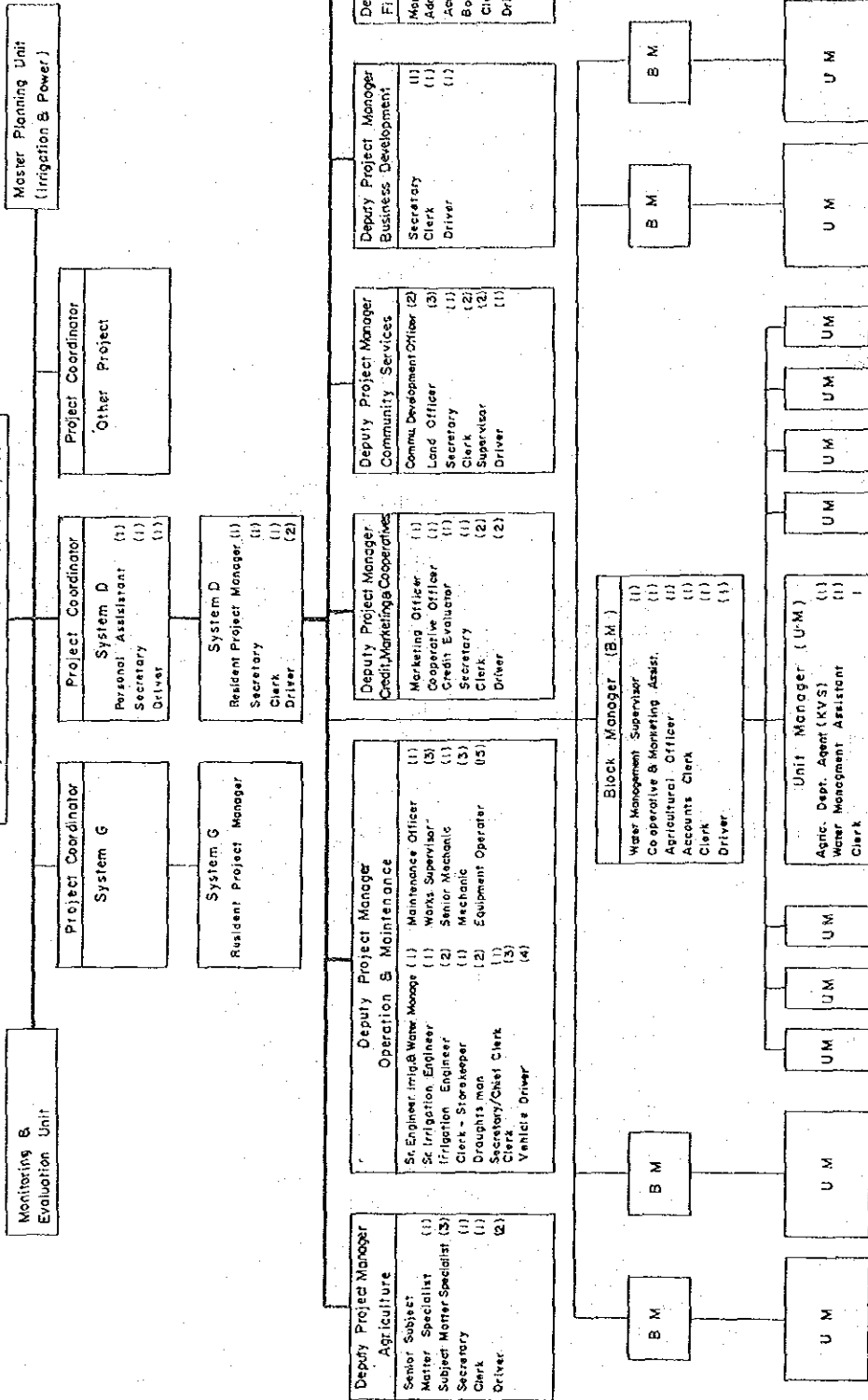
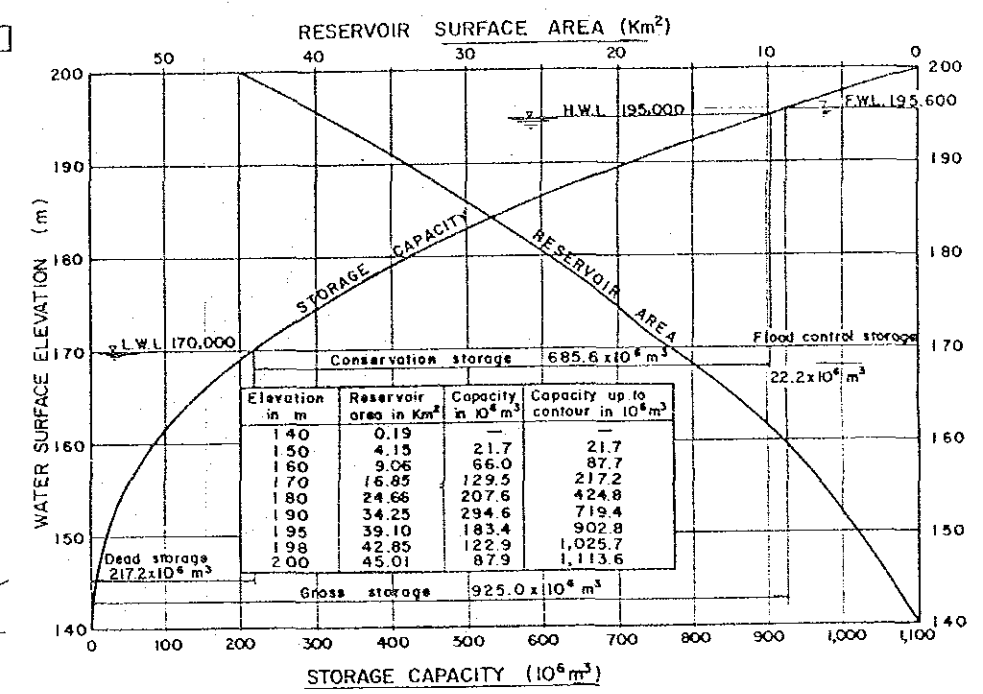
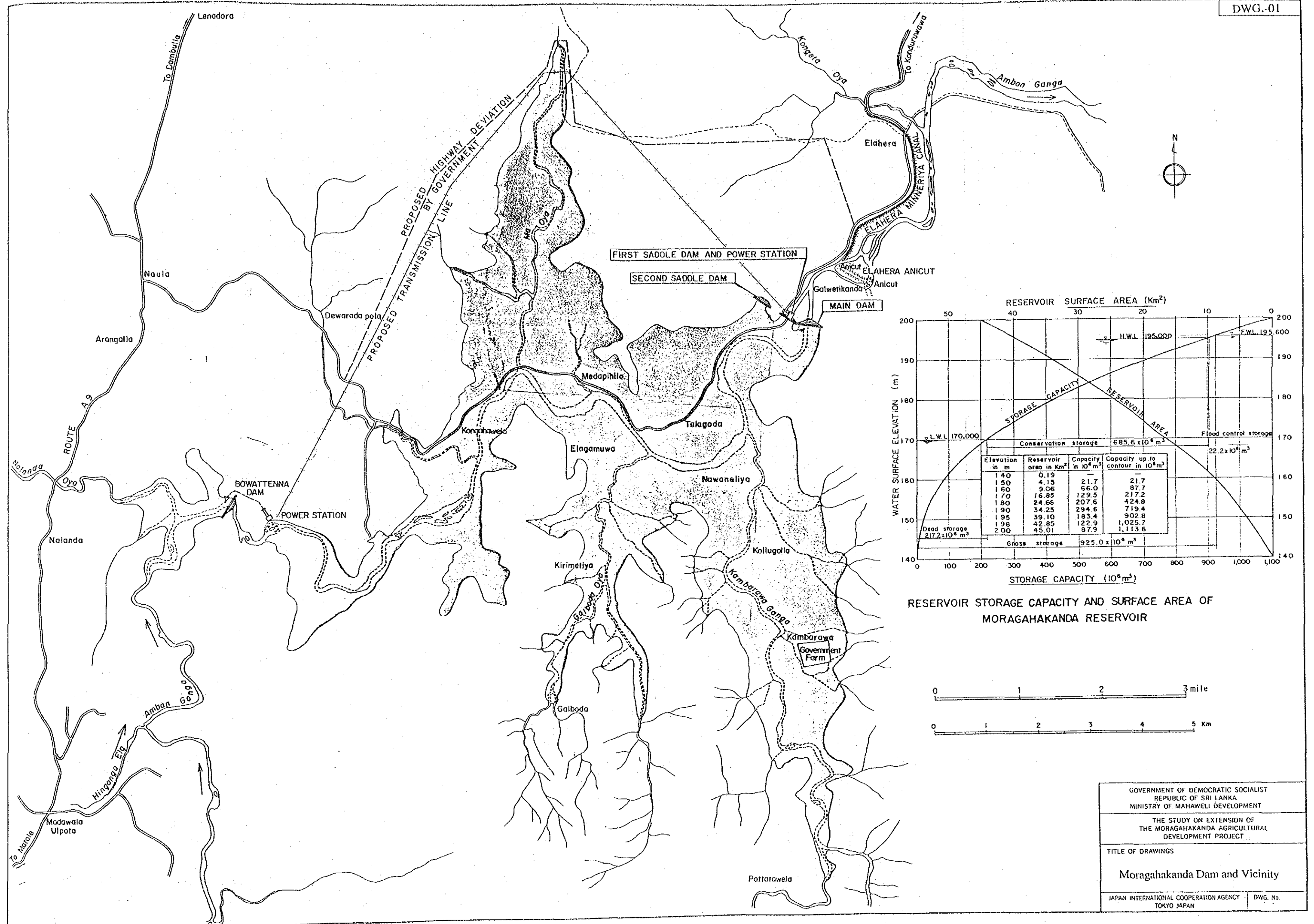


Fig. 5 - 4 Detailed Organization of Project Centre (RPM) Office

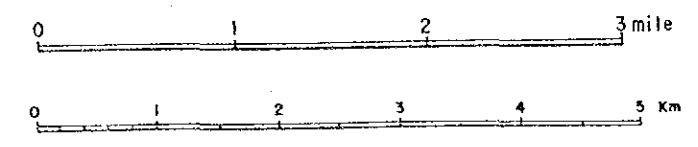
GOVERNMENT OF DEMOCRATIC SOCIALIST
 REPUBLIC OF SRI LANKA
 MINISTRY OF MAHAWELI DEVELOPMENT
 THE STUDY ON EXTENSION OF
 THE MORAGAHAKANDA AGRICULTURAL
 DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

DRAWINGS



RESERVOIR STORAGE CAPACITY AND SURFACE AREA OF MORAGAHAKANDA RESERVOIR



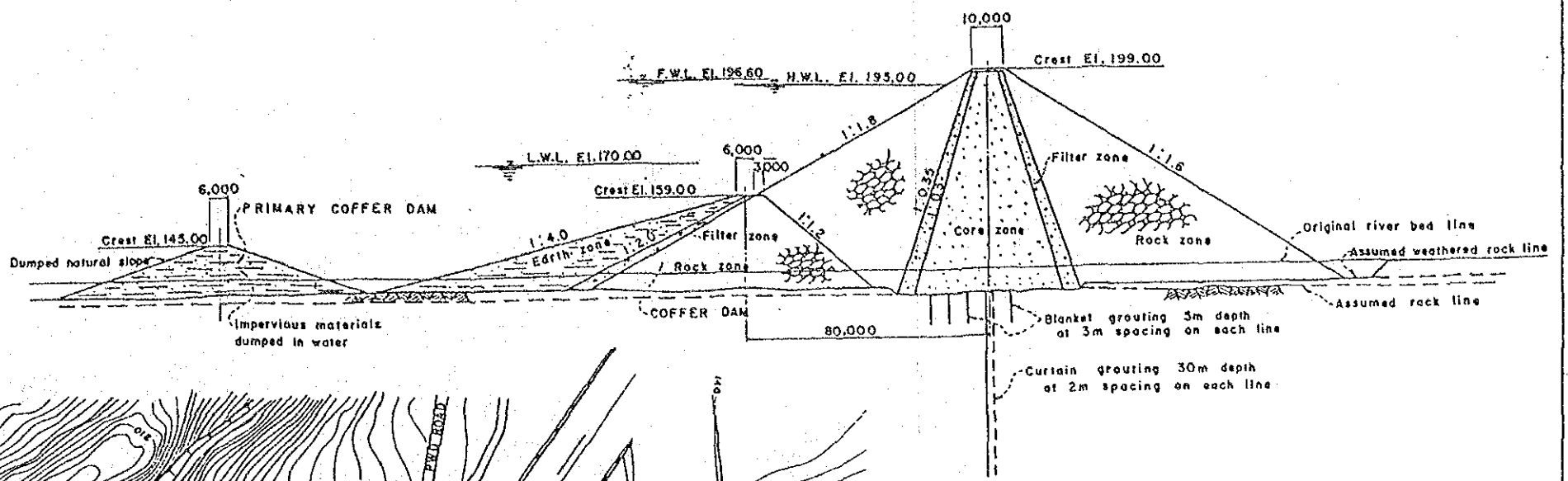
GOVERNMENT OF DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA
MINISTRY OF MAHAWELI DEVELOPMENT

THE STUDY ON EXTENSION OF
THE MORAGAHAKANDA AGRICULTURAL
DEVELOPMENT PROJECT

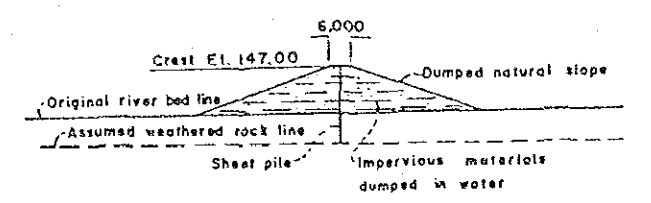
TITLE OF DRAWINGS

Moragahakanda Dam and Vicinity

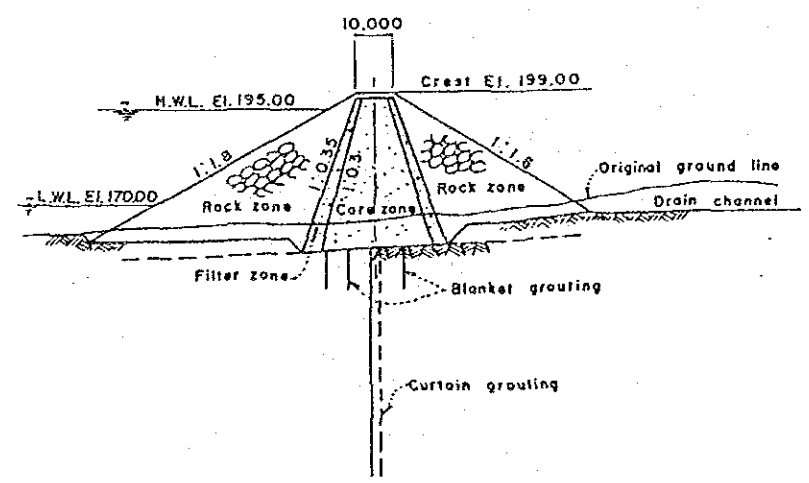
JAPAN INTERNATIONAL COOPERATION AGENCY | DWG. No.
TOKYO JAPAN



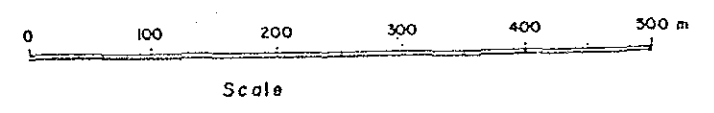
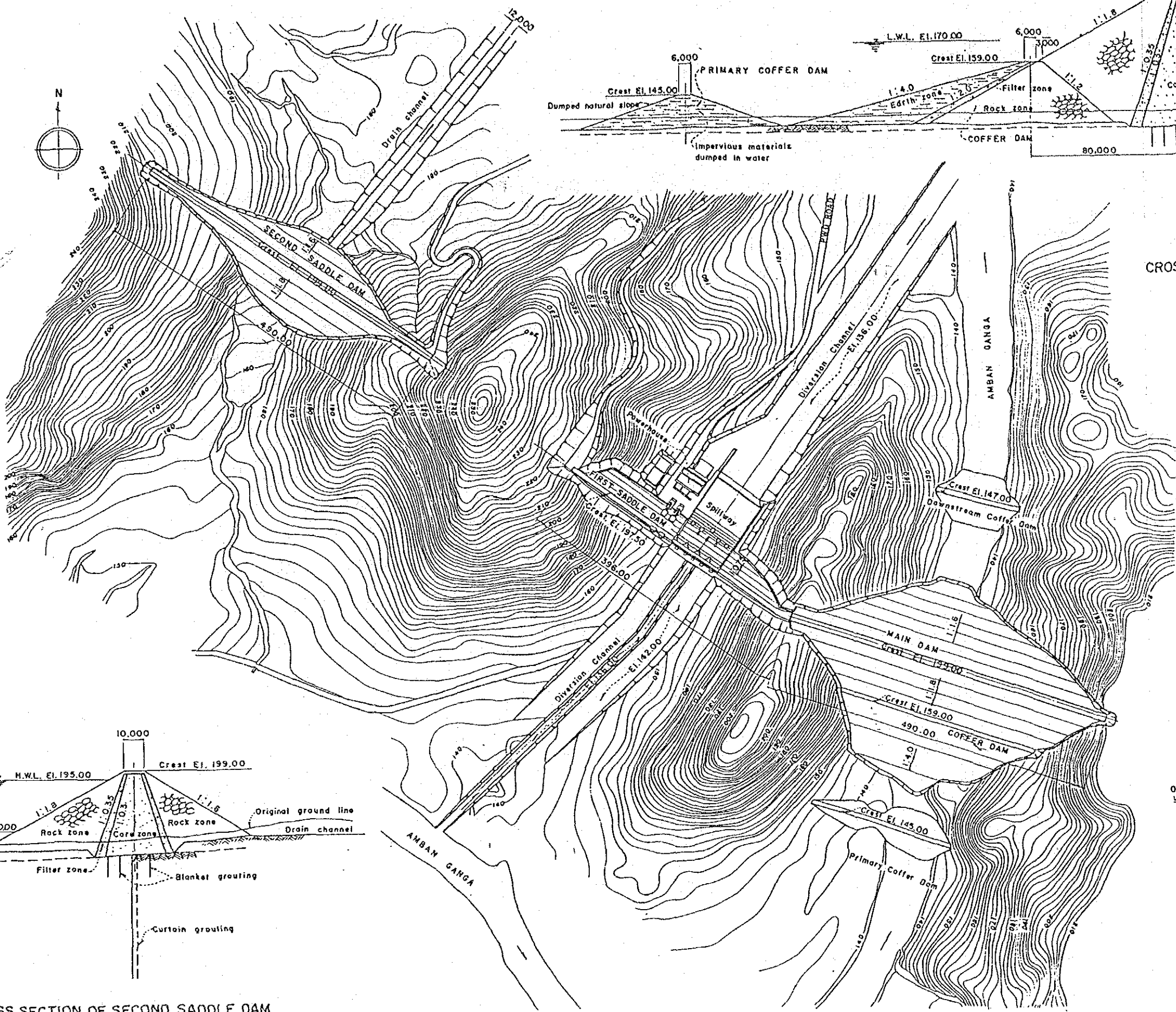
CROSS SECTION OF MAIN DAM



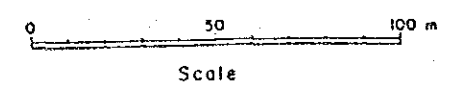
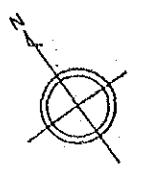
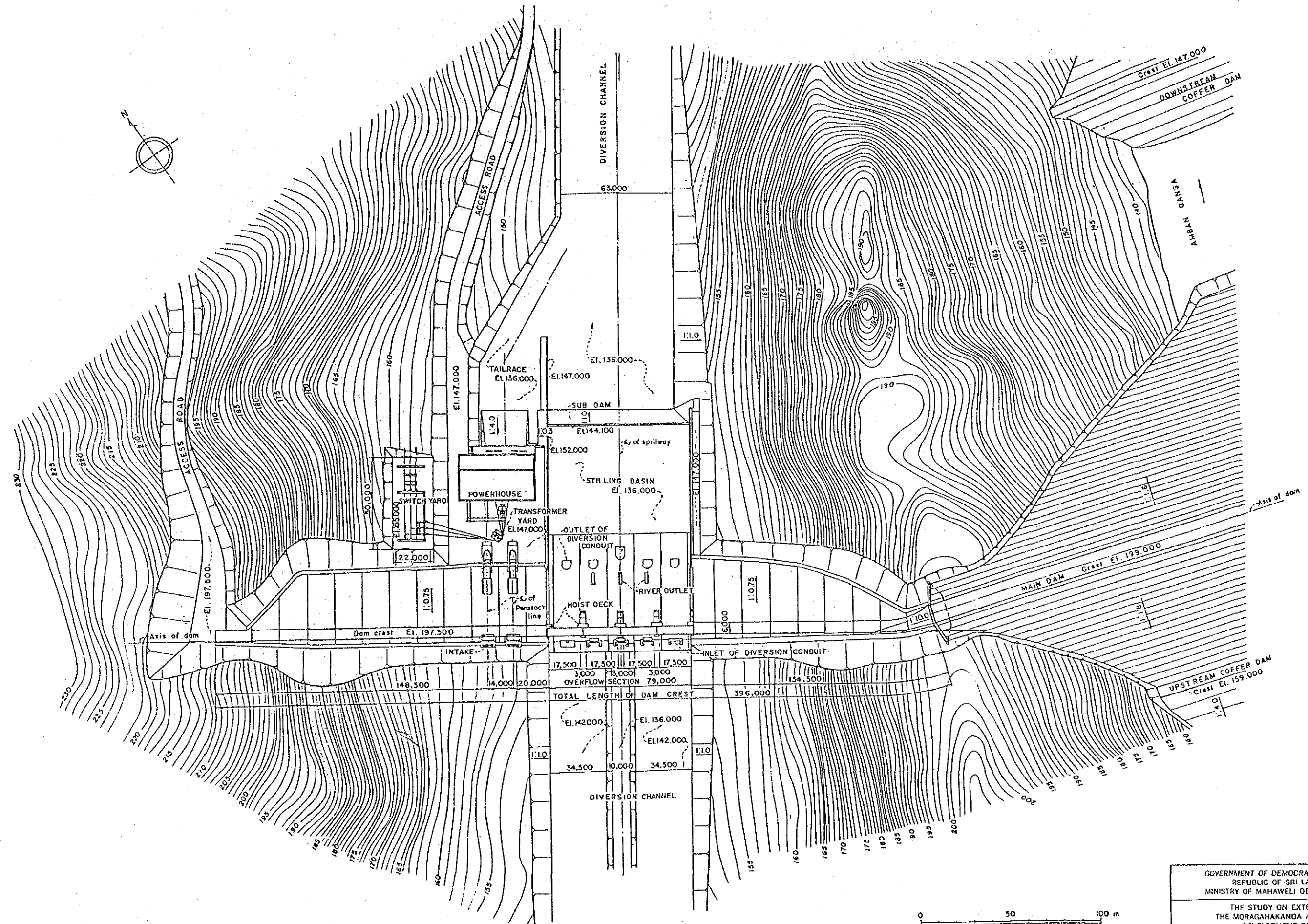
DOWNSTREAM COFFER DAM



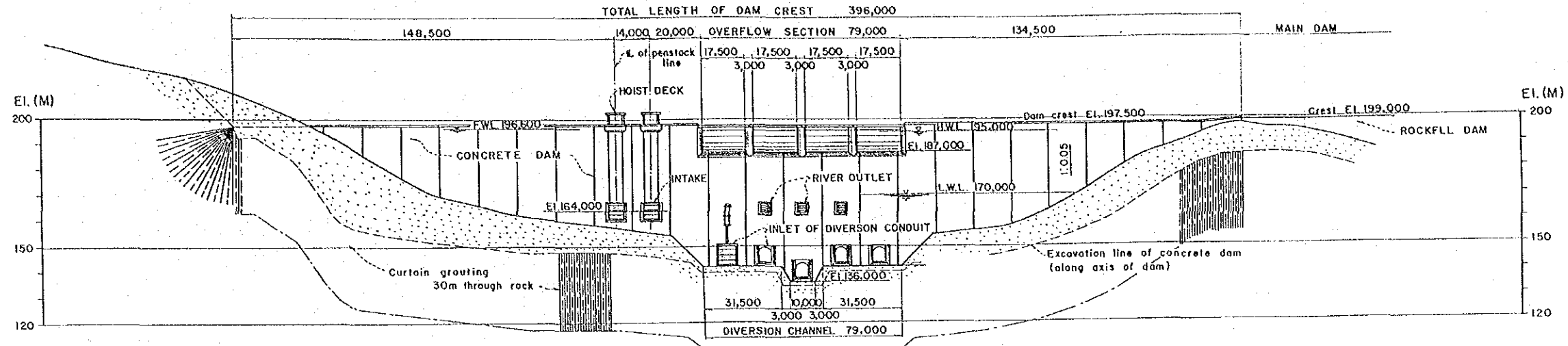
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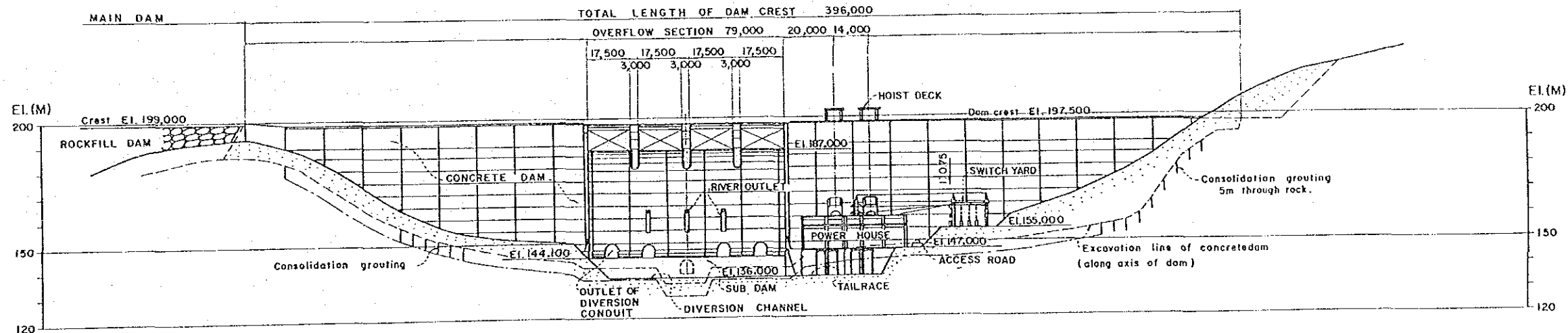
GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
Moragahakanda Dam, General Plan	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO, JAPAN	DWG. No.



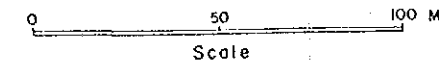
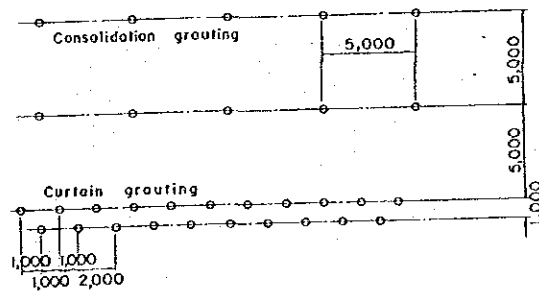
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THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
Plan of First Saddle Dam	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	JWG. No.



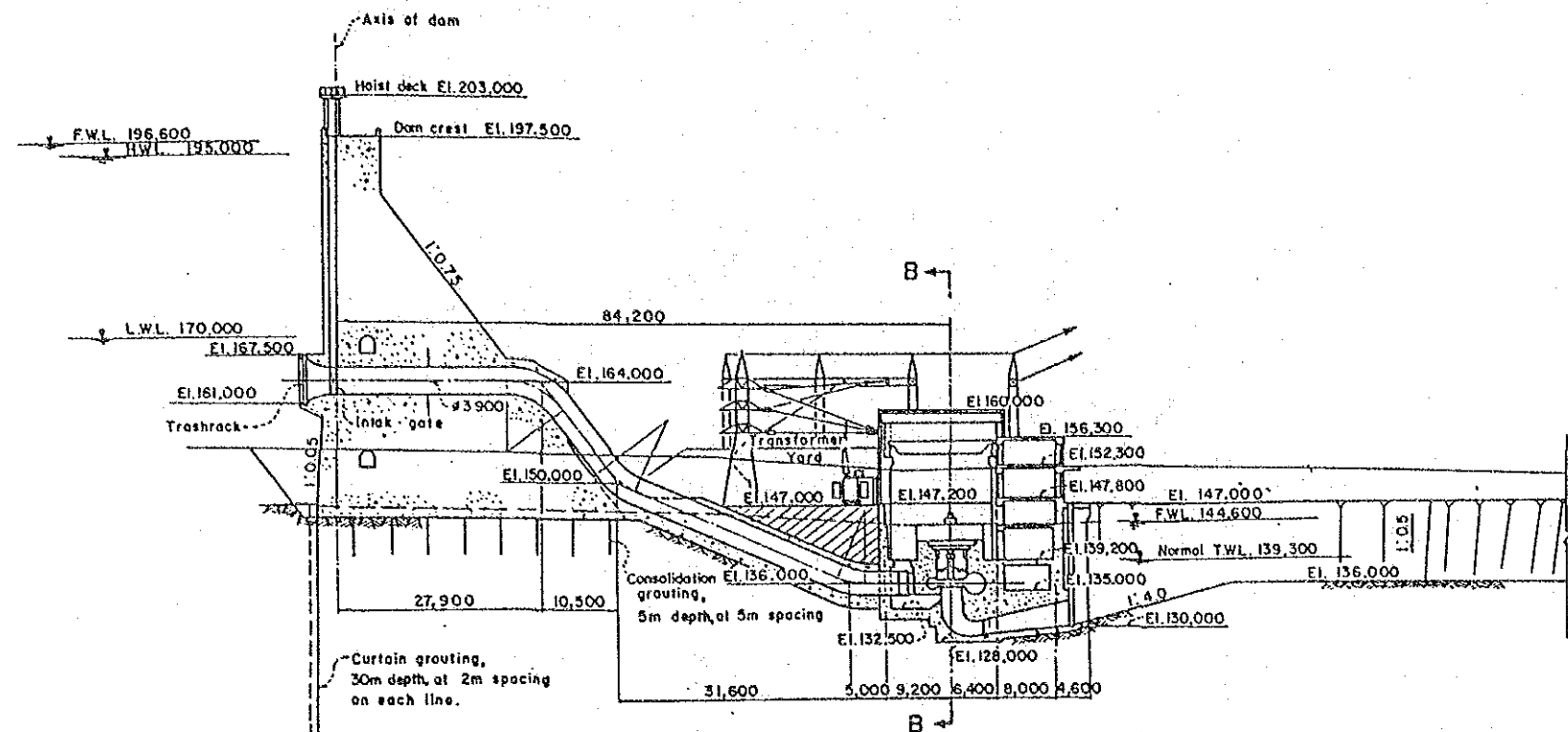
UPSTREAM ELEVATION



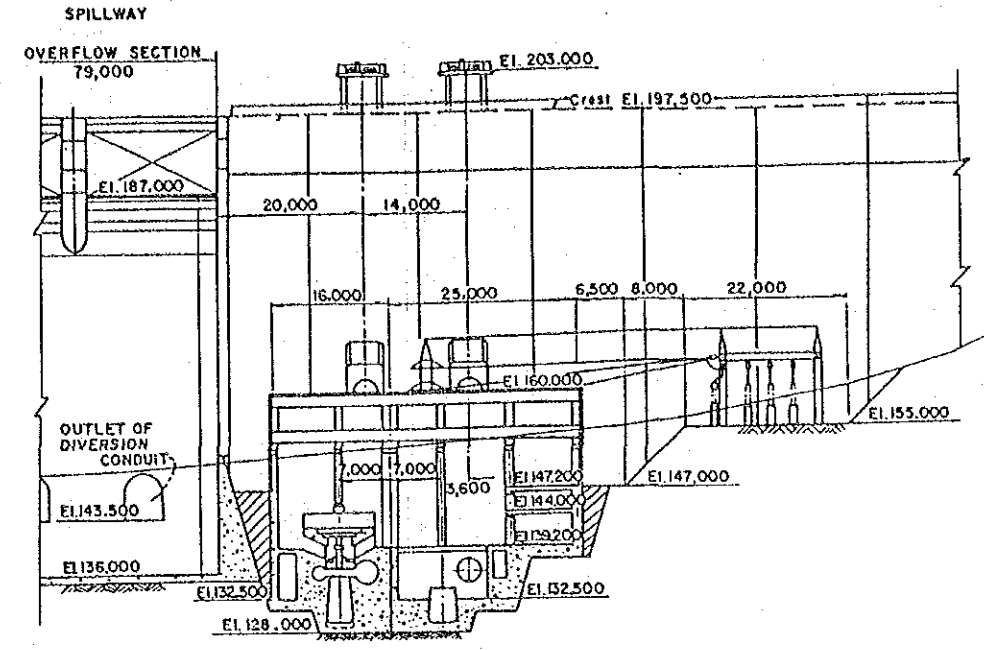
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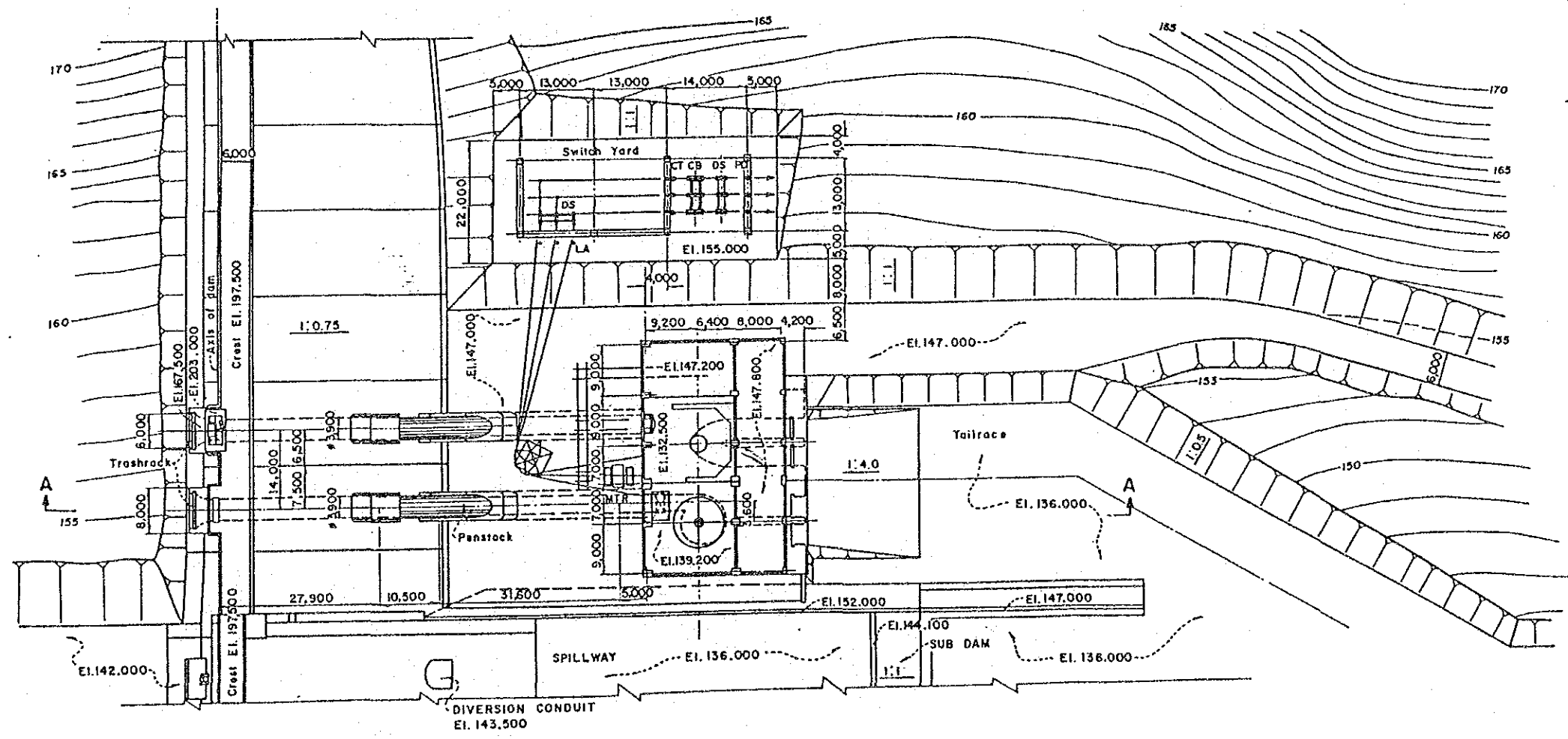
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THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
Elevations of First Saddle Dam	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.



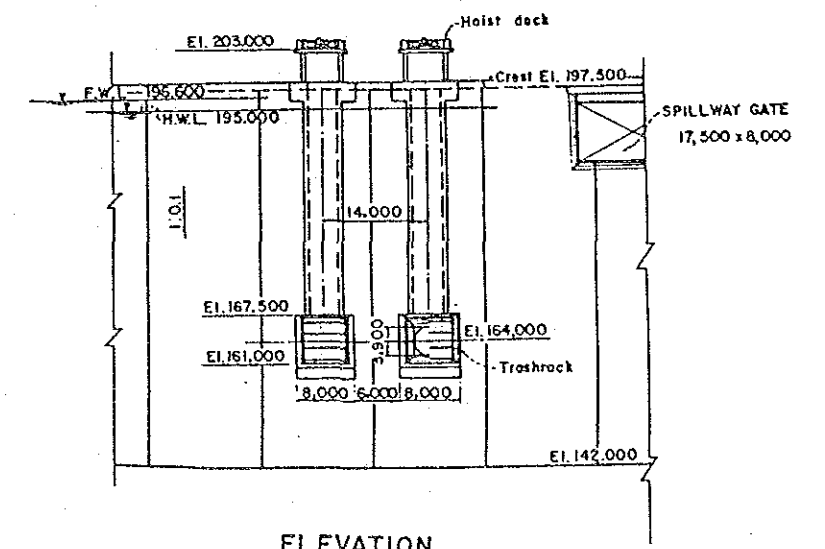
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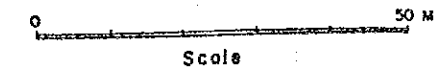
SECTION B-B



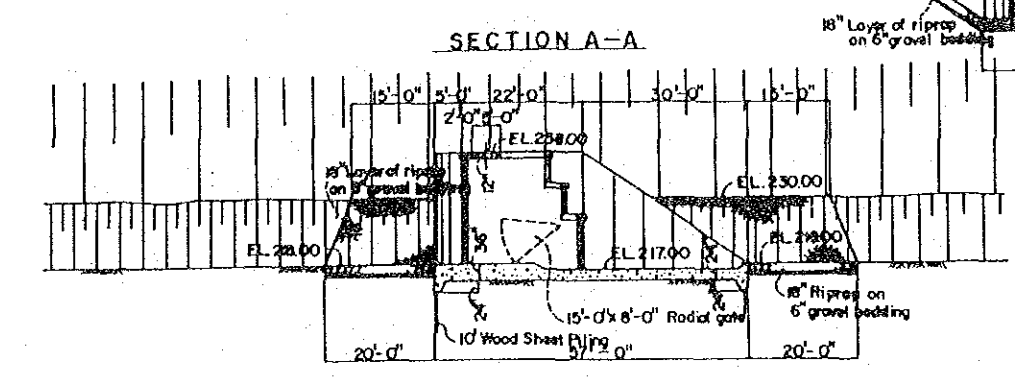
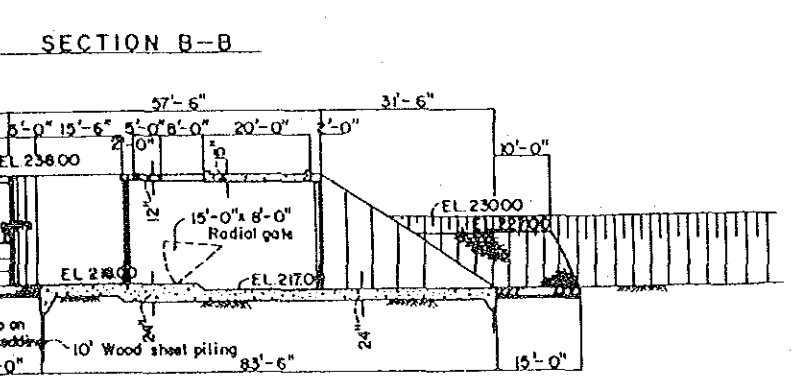
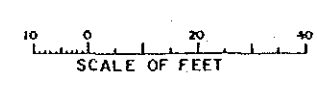
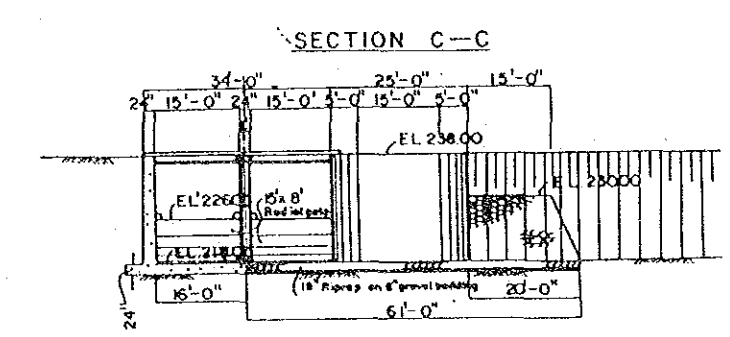
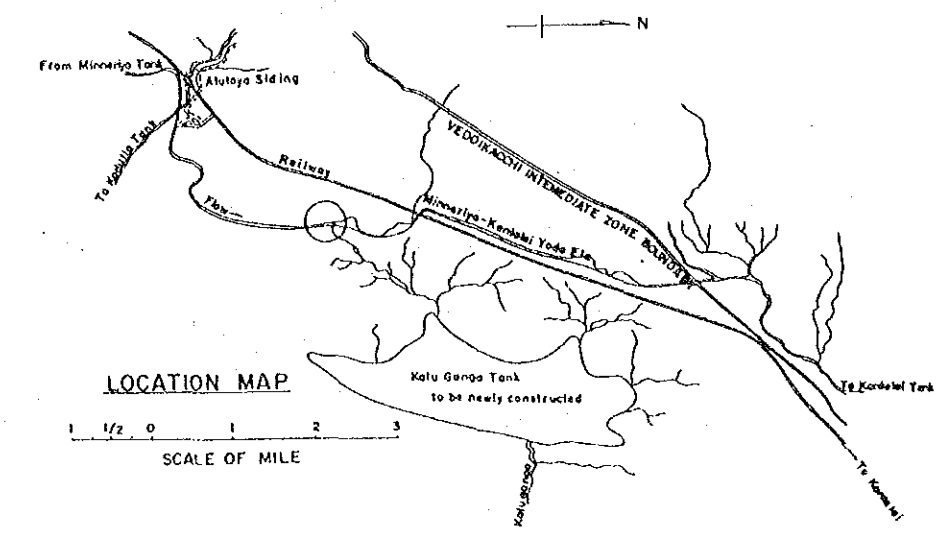
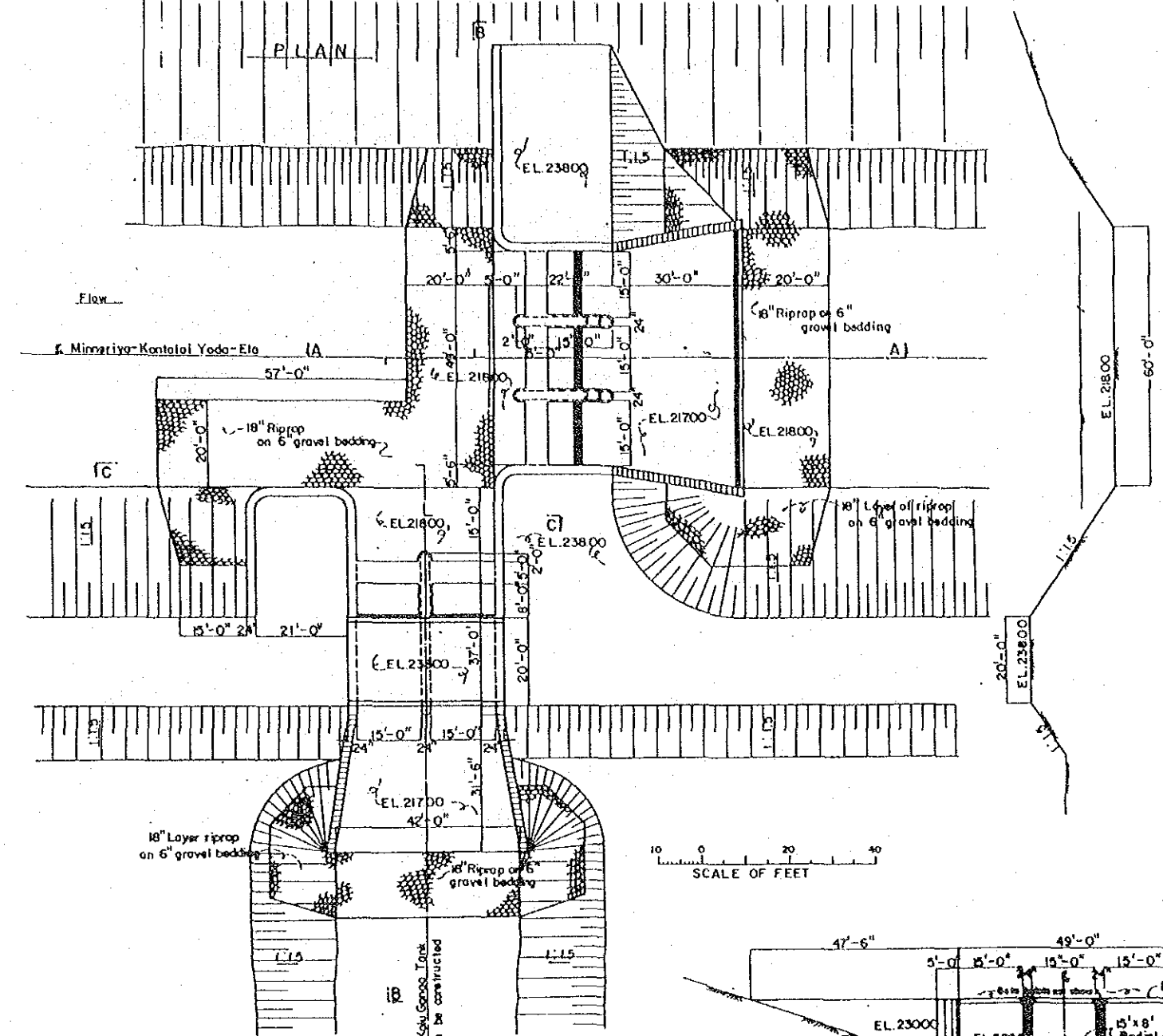
PLAN



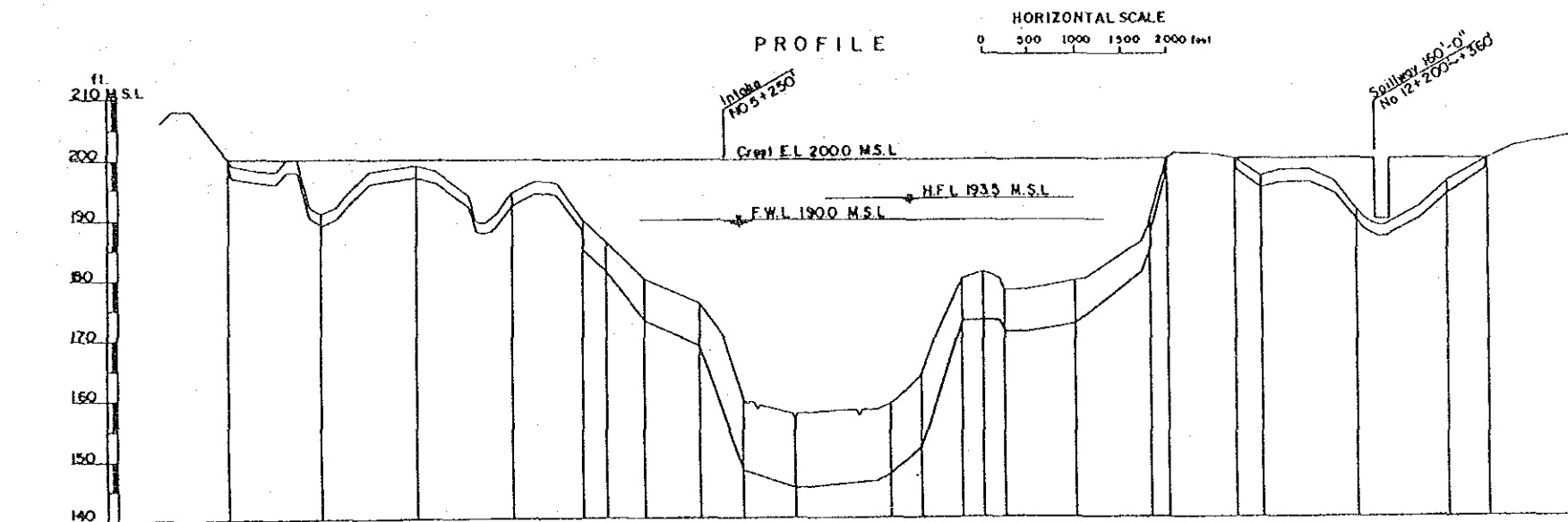
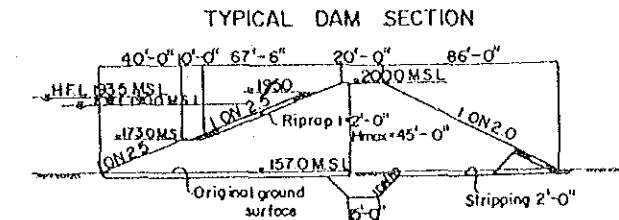
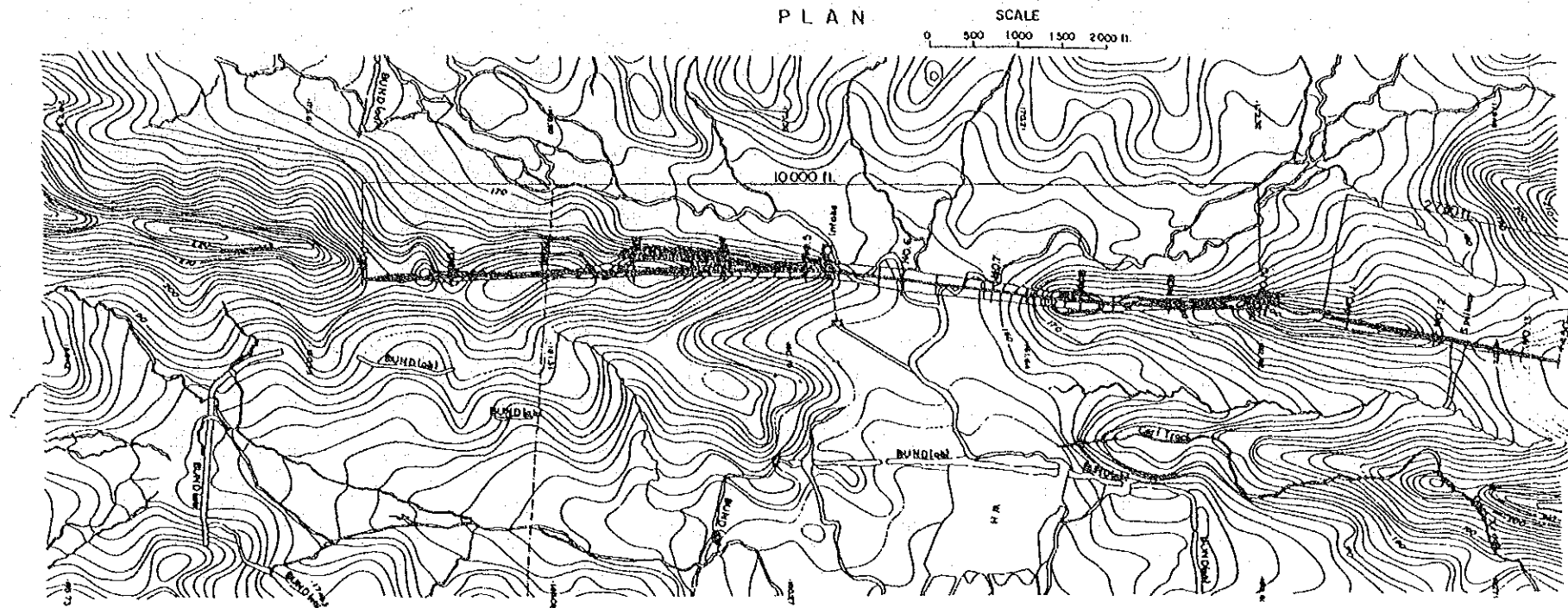
ELEVATION



GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
Power Station	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.



GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
Yoda Ela Intake:	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.



BOTTOM OF CUTOFF	2000	1890	1970	192.8	1880	1850	1812	1730	1590	1480	1450	1470	1520	1730	1730	1710	1725	1810	1840	2000	2000	1950	1895	194.2	2000
EXISTING GROUND ELEVATION	2000	1910	1990	194.8	1900	186.2	1800	1760	1600	1570	1590	1590	1640	1800	1810	1780	1795	1860	2000	2000	1970	191.5	196.2	196.2	2000
DISTANCE in x100 ft.	0.00	10.00	10.00	10.00	7.40	2.60	3.90	6.10	4.40	5.60	10.00	3.40	4.30	2.30	2.20	7.80	6.10	1.90	7.20	2.60	10.00	10.00	4.50		
STATION NUMBER	-NO.0	-NO.1	-NO.2	-NO.3	+740	-NO.4	+390	-NO.5	+440	-NO.6	-NO.7	+340	+770	-NO.8	+220	-NO.9	+810	-NO.10	+720	-NO.11	-NO.12	-NO.13	+450		

GOVERNMENT OF DEMOCRATIC SOCIALIST
REPUBLIC OF SRI LANKA
MINISTRY OF MAHAWELI DEVELOPMENT

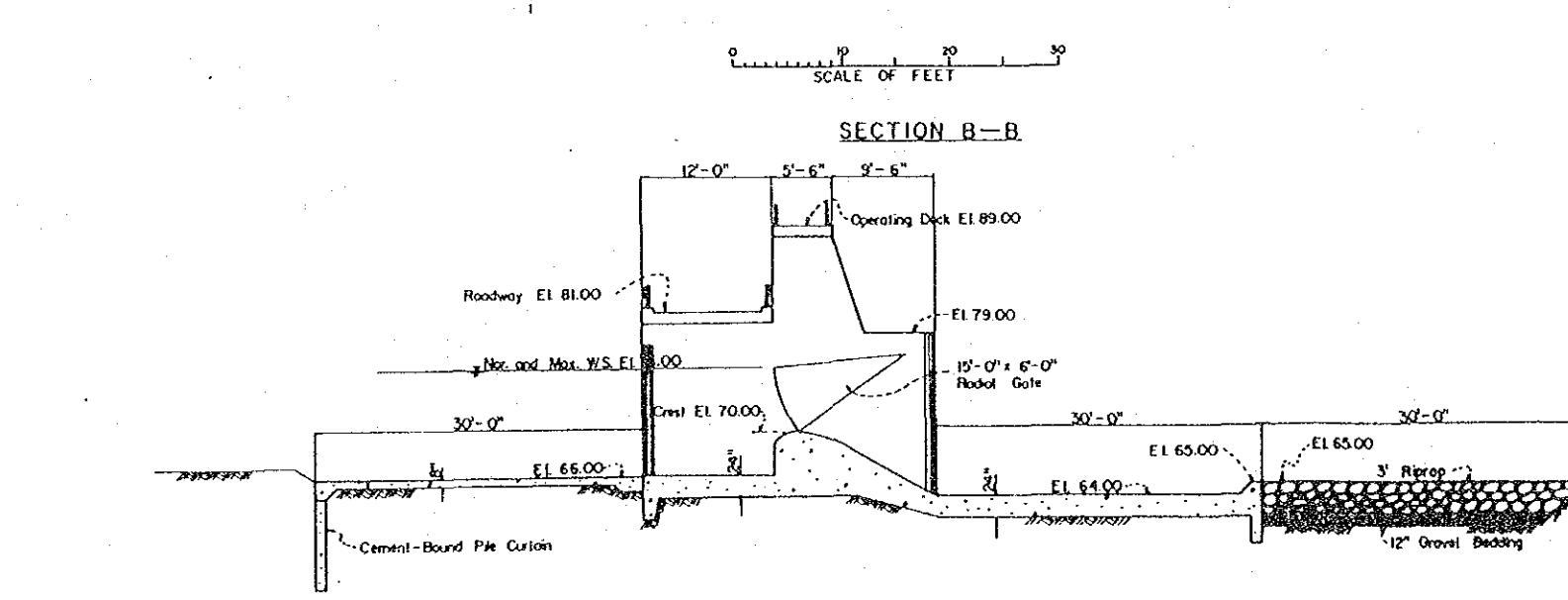
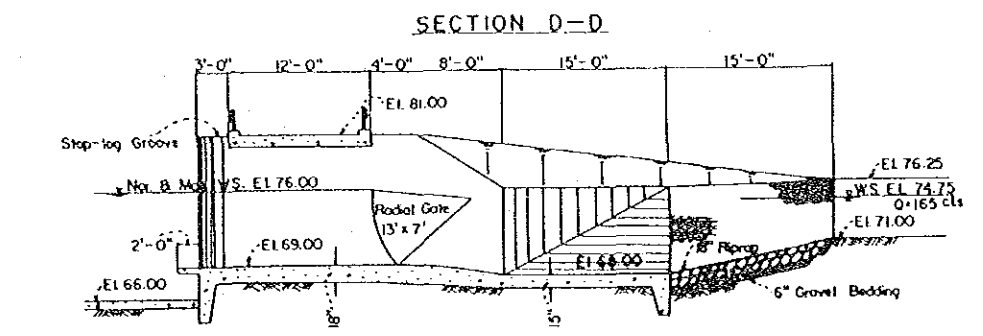
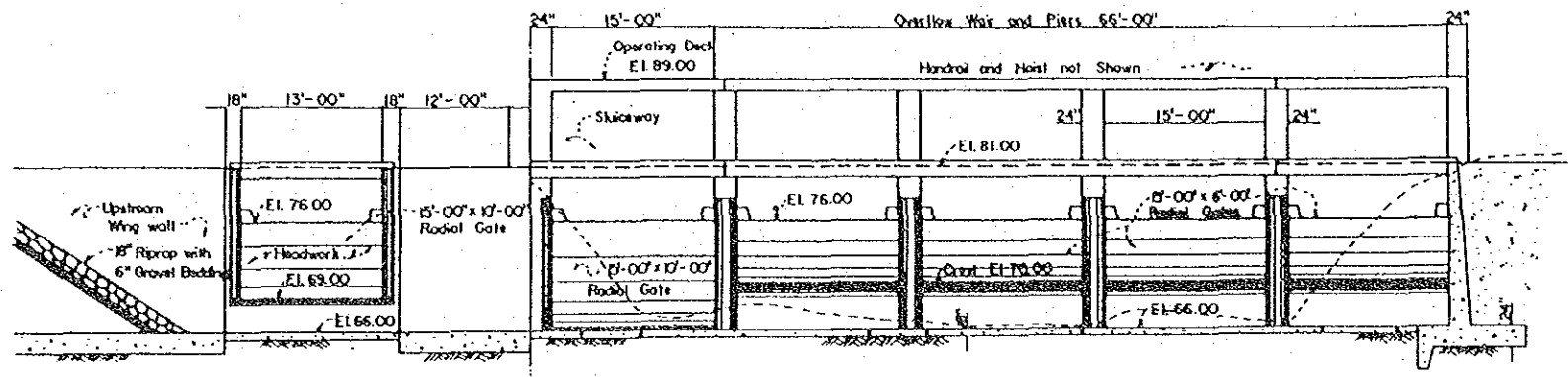
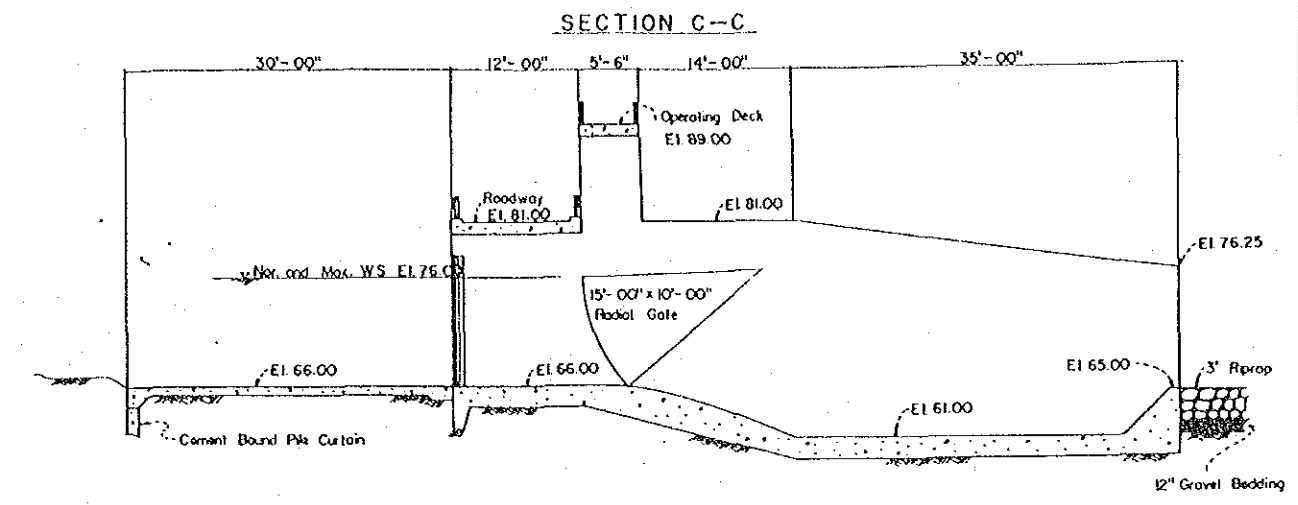
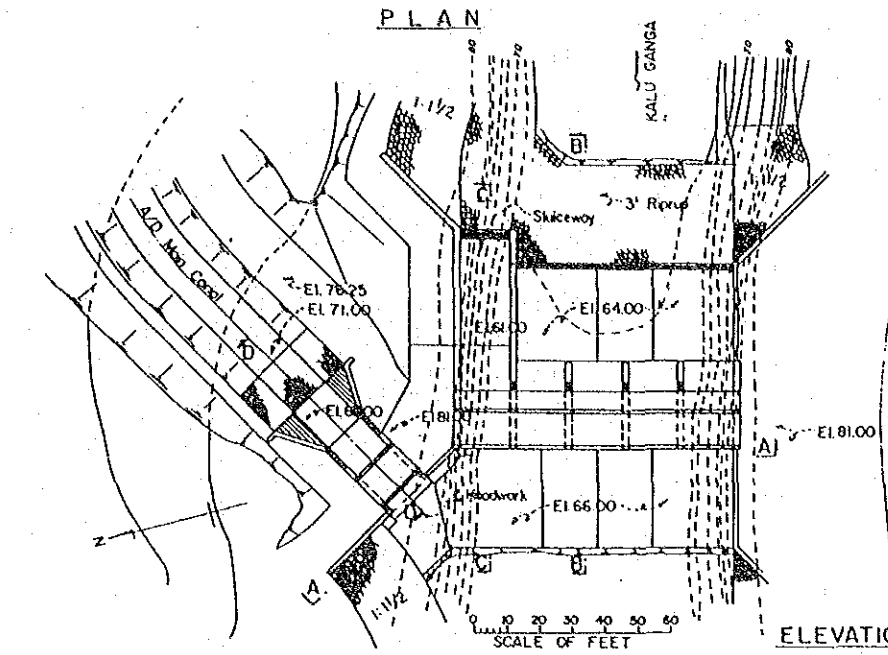
THE STUDY ON EXTENSION OF
THE MORAGAHAKANDA AGRICULTURAL
DEVELOPMENT PROJECT

TITLE OF DRAWINGS
Kalu Ganga Tank Plan,
Profile & Section

JAPAN INTERNATIONAL COOPERATION AGENCY
TOKYO JAPAN




DWG. No.

KALU GANGA ANICUT



GOVERNMENT OF DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA MINISTRY OF MAHAWELI DEVELOPMENT	
THE STUDY ON EXTENSION OF THE MORAGAHAKANDA AGRICULTURAL DEVELOPMENT PROJECT	
TITLE OF DRAWINGS	
Kalu Ganga Anicut	
JAPAN INTERNATIONAL COOPERATION AGENCY TOKYO JAPAN	DWG. No.

DESCRIPTION	UNIT	Q'TY	1ST YEAR				2ND YEAR				3RD YEAR				4TH YEAR				5TH YEAR				6TH YEAR			
			1990				1991				1992				1993				1994				1995			
			1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A. DAM & POWER STATION																										
(1) Preparatory works	-	L.S																								
(2) Road relocation with public utilities	-	L.S																								
(3) Construction, diversion channel (Main dam)	cu.m	604,000																								
(4) Primary & main coffer dam																										
(5) Excavation, all classes	cu.m	580,000																								
(6) Grouting	lin.m	21,000																								
(7) Embankment, core, filter & rock (First saddle dam)	cu.m	2,430,000																								
(8) Excavation, dam & spillway, all alasses	cu.m	310,000																								
(9) Grouting	lin.m	17,000																								
(10) Dam concrete	cu.m	376,000																								
(11) Spillway & power intake concrete	"	28,200																								
(12) Diveresion conduits (Second saddle dam)	set	5																								
(13) Excavation, all classes	cu.m	177,000																								
(14) Grouting	lin.m	22,000																								
(15) Embankment, core, filter rocks (Poworhouse & Outdoor & witchyard)	cu.m	431,000																								
(16) Excavation, all classes	cu.m	119,000																								
(17) Substructure works	"	11,800																								
(18) Superstructure works	-	L.S																								
(19) Hydromechanical works	lot	1																								
(20) Generating Equipmnt w/auxilialies	"	1																								
(21) Transmission line	km	16.0																								
B. IRRIGATION DEVELOPMENT																										
(22) Preparatory works (Newland development)	ha	13,900																								
(23) Irr. & Drainage canals w/structures																										
(24) On - farm (Downstream development) (Rehabilitation works)	ha	13,900																								
(25) Rehabilitation,existing irr. facilities	"	40,000																								
(26) On - farm (Downstream development)	"	38,100																								
(22) Social Infrastructure	-	L.S																								
Month, Cumulative																										

Legends;
 : Critical path work
 : Design, manufacture and transportation


GOVERNMENT OF DEMOCRATIC SOCIALIST
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 MINISTRY OF MAHAWELI DEVELOPMENT

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 DEVELOPMENT PROJECT

TITLE OF DRAWINGS

Construction Time Schedule

JAPAN INTERNATIONAL COOPERATION AGENCY
 TOKYO JAPAN

DWG. No.

JICA