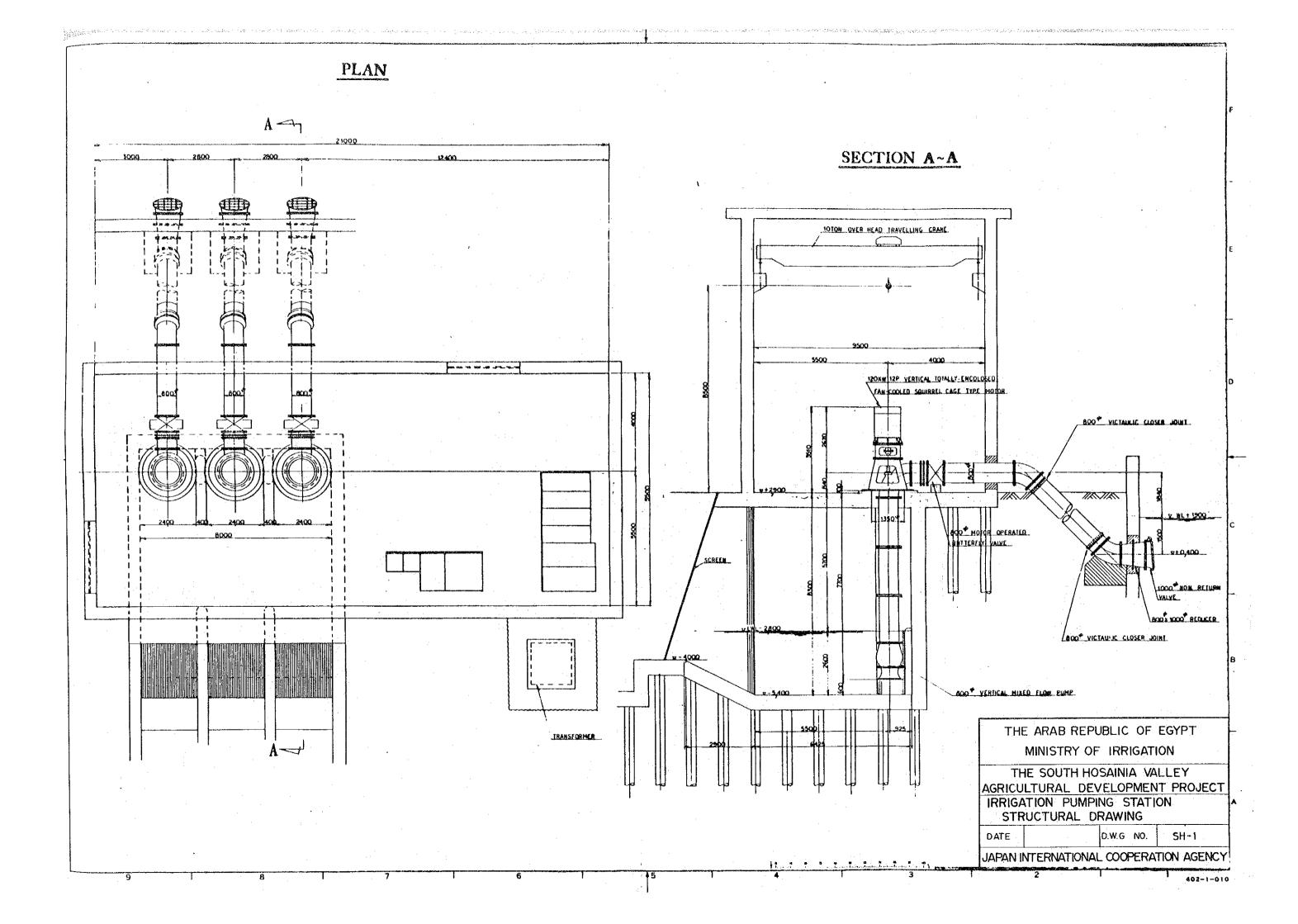
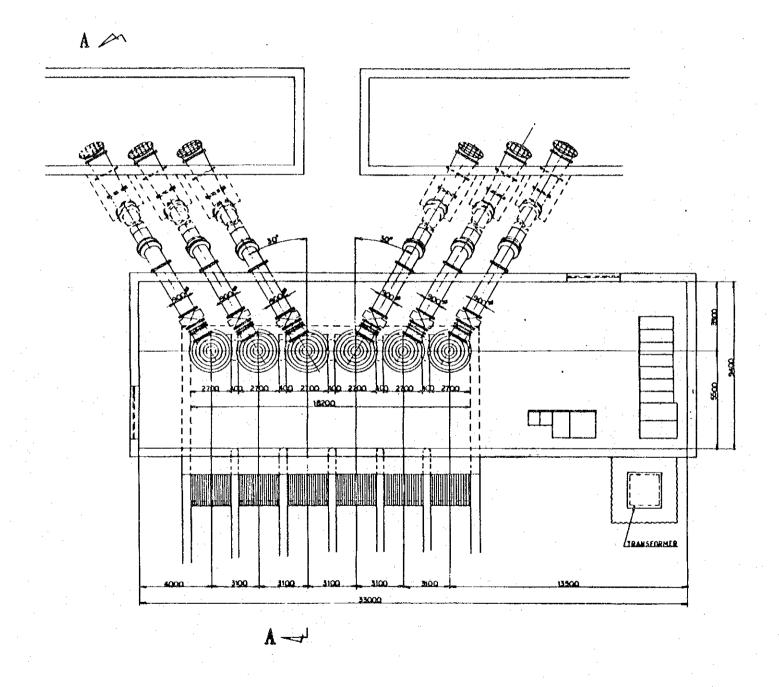
DRAWINGS

DRAWINGS

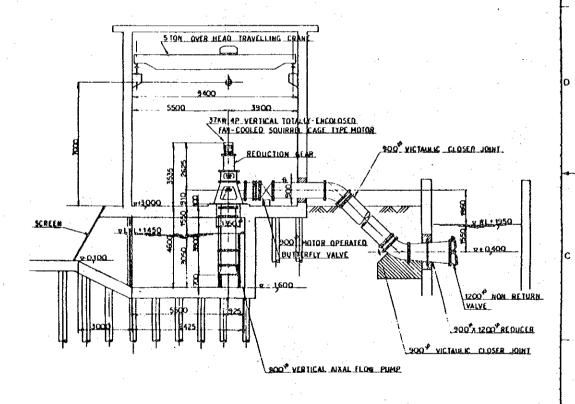
D.W.G.	No. SH - 1	Irrigation Pumping Station Structural Drawing
ŧ!	SH - 2	Irrigation Pumping Station Structural Drawing
н	SH - 3	Drainage Pumping Station Structural Drawing
n	SH - 4	Profile of Main Canal, Ml
n	SH - 5	Profile of Main Canal, M2
1:	SH - 6	Profile of Main Canal, M3
п.	SH - 7	Typical Section of Main Irrigation Canal
n ·	SH - 8	Typical Section of Secondary Irrigation Canal
11	SH - 9	Typical Section of Drainage Canal
'n	SH - 10	Irrigation Canal Facility Head Gate of Main
н	SH - 11	Irrigation Canal Facility Head Gate of Radial Secondary
1)	SH - 12	Irrigation Canal Facility Check with Gates
11	SH - 13	Irrigation Canal Facility Check Gate
п	SH - 14	Irrigation Canal Facility Box Culvert
n ·	SH - 15	Irrigation Canal Facility Parshall Fulme
rı.	SH - 16	Irrigation Canal Facility Combined Turnout and Division Box with Orifice
II.	SH - 17	Drainage Pipe Culvert
H	SH - 18	Drainage Canal Facility Pipe Culvert
n	SH - 19	Typical Section of Seepage Line
ij	SH - 20	Schematic Map of Small, Service and Central Village
: 11	SH - 21	Location of Buildings at Small Village
- 11	SH - 22	Location of Buildings at Service Village
, II	SH - 23	Location of Buildings at Central Village
ii ii	SH - 24	Plot Plan of Treatment Structures



PLAN



SECTION A~A

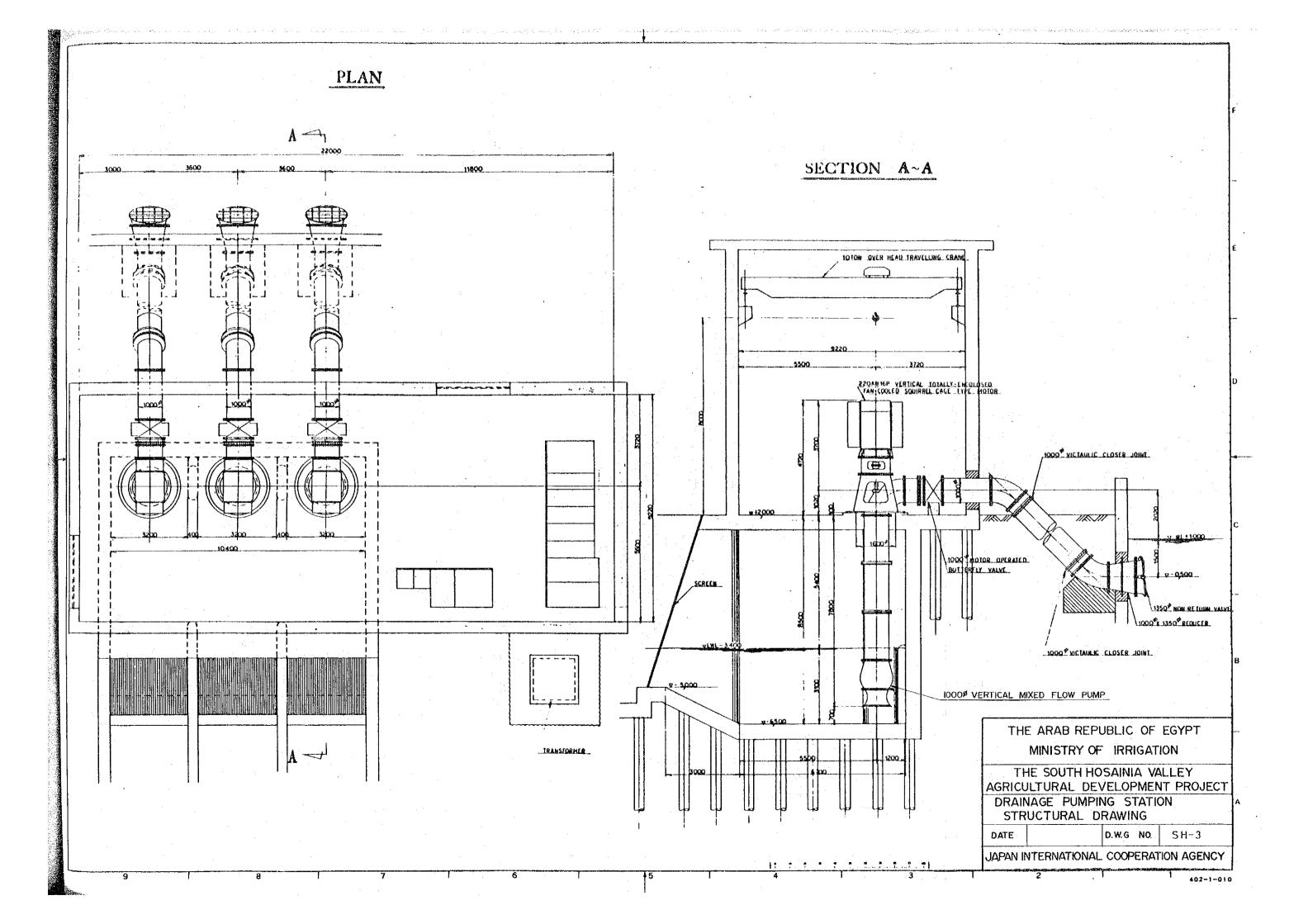


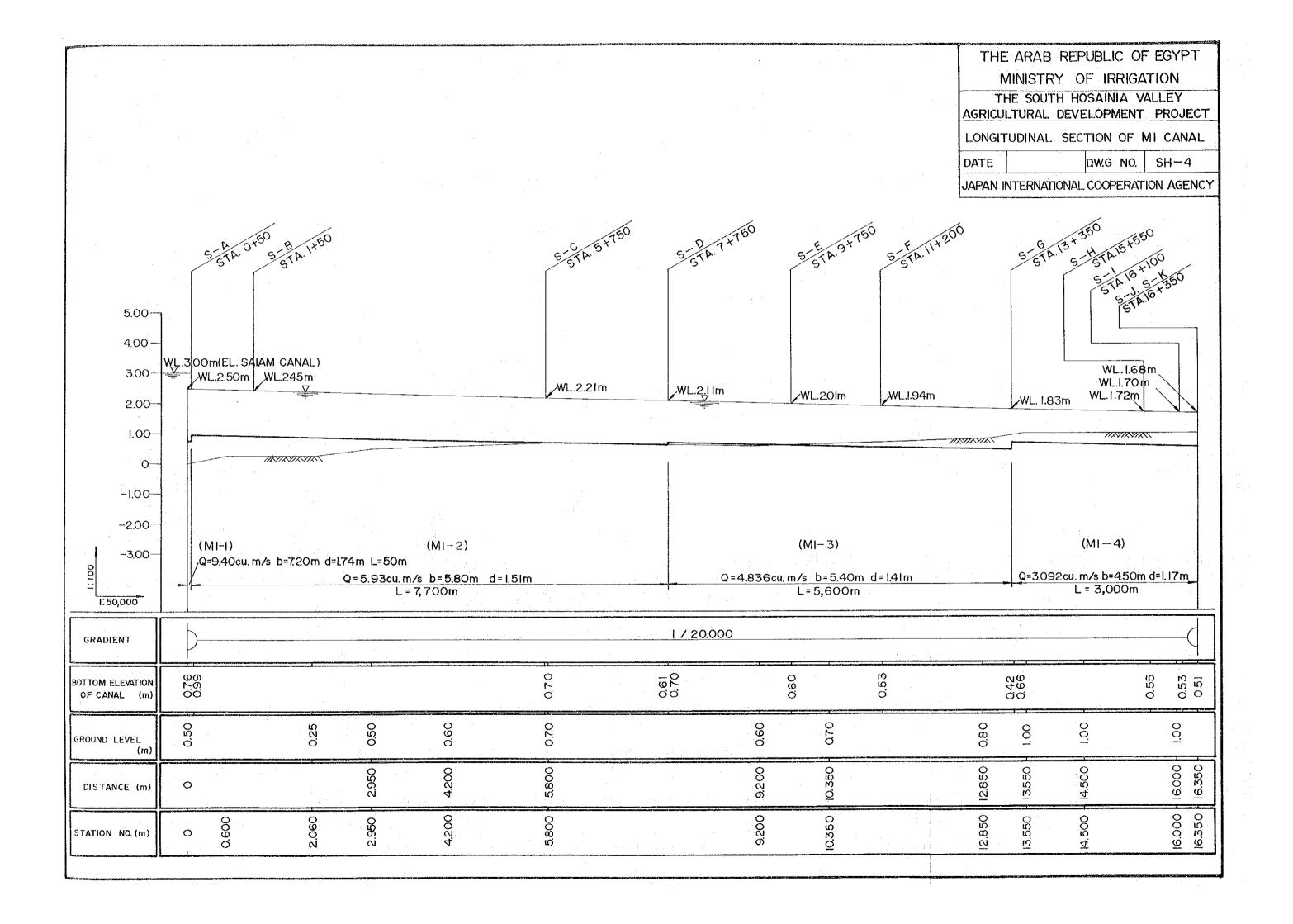
THE ARAB REPUBLIC OF EGYPT MINISTRY OF IRRIGATION

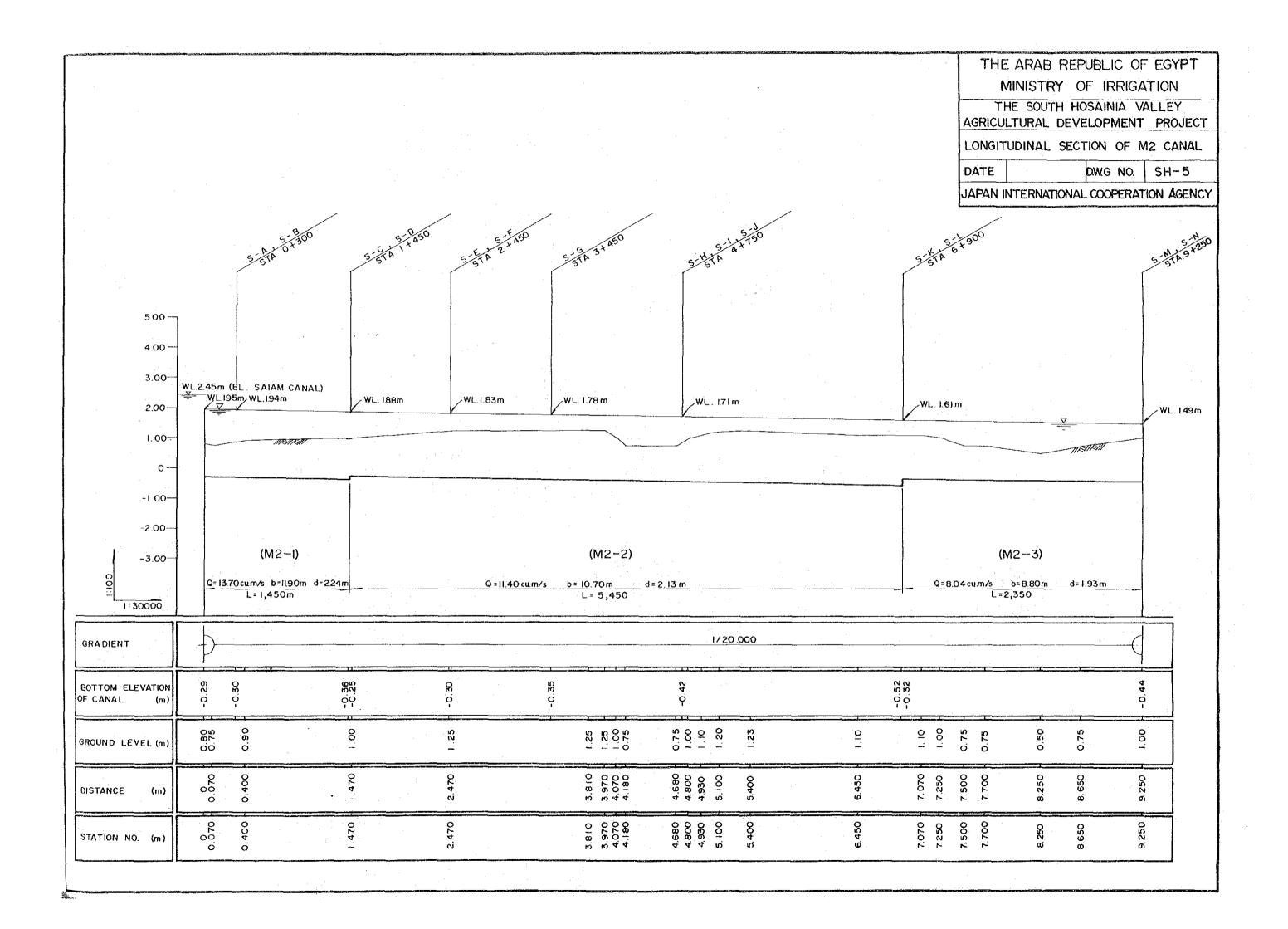
THE SOUTH HOSAINIA VALLEY AGRICULTURAL DEVELOPMENT PROJECT IRRIGATION PUMPING STATION STRUCTURAL DRAWING

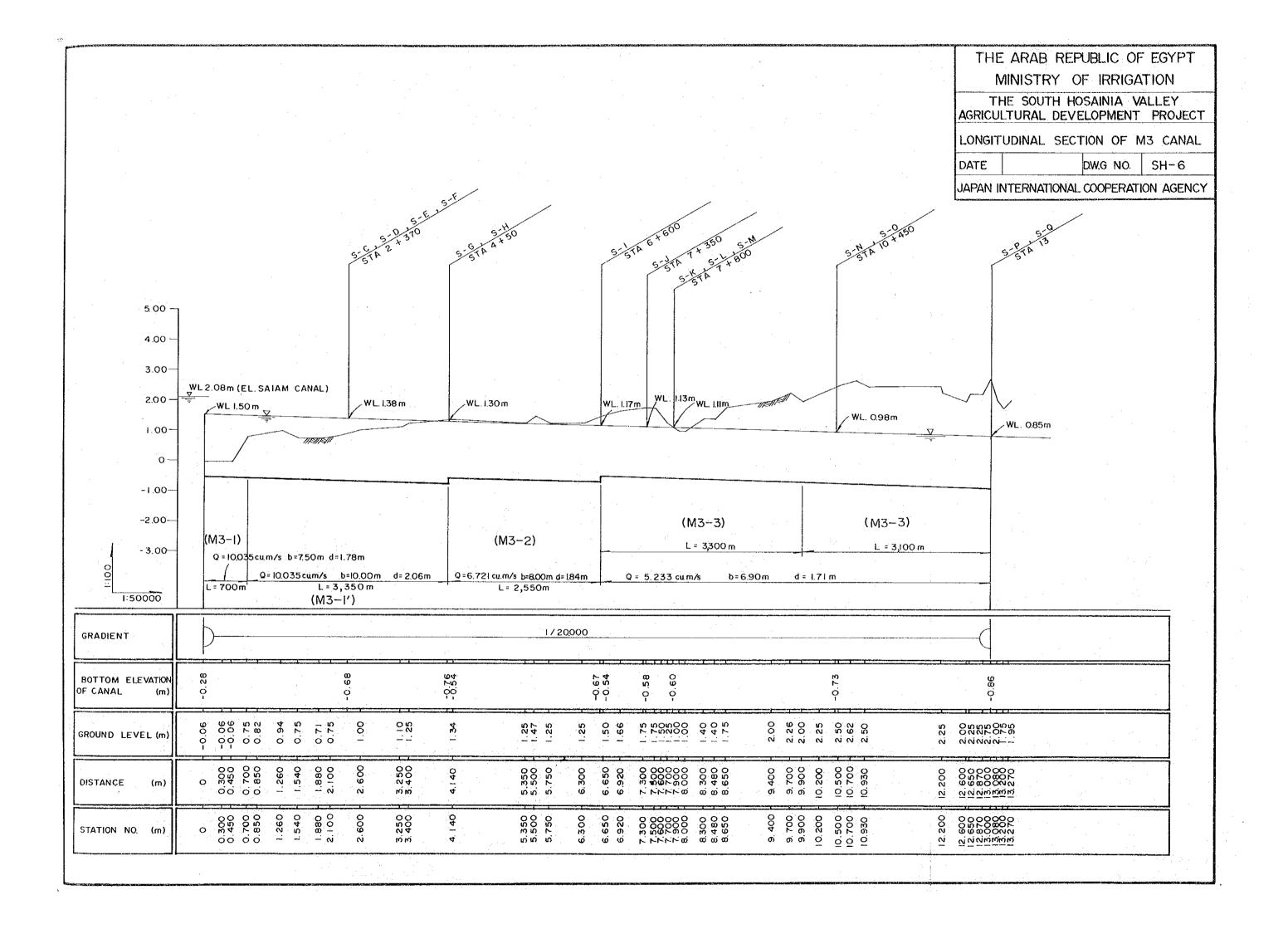
DATE

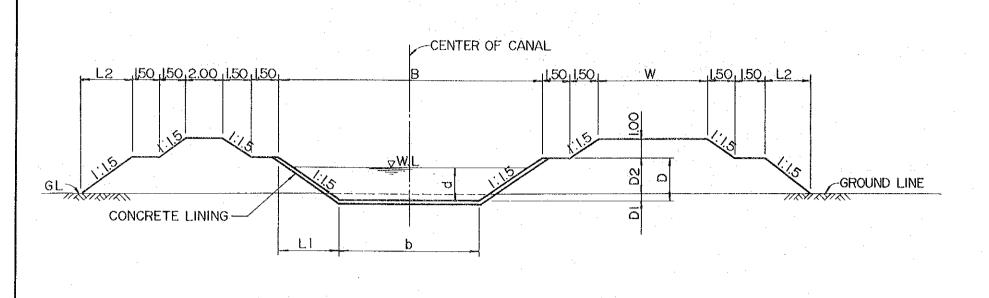
D.W.G NO.

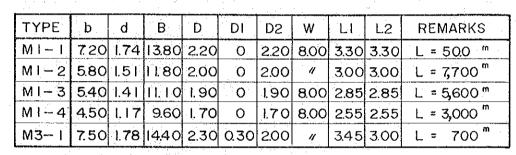




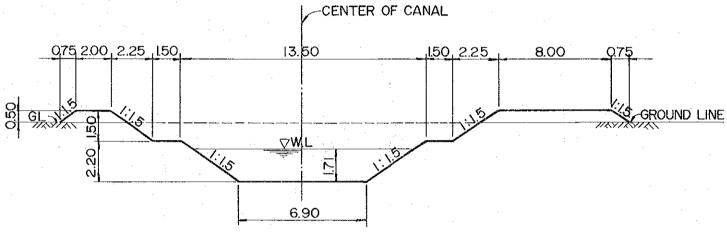


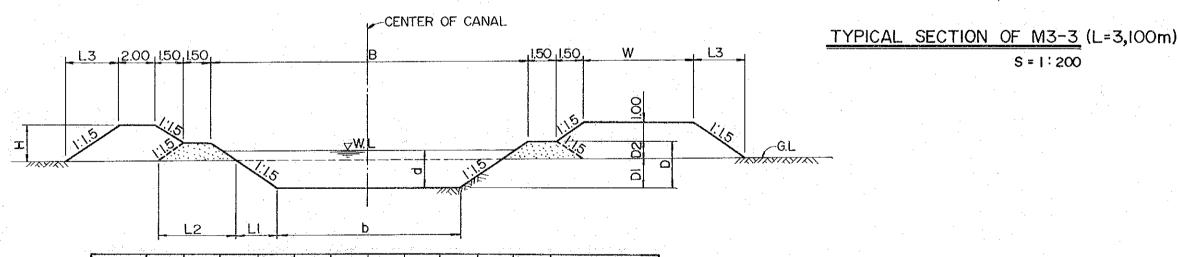






TYPICAL SECTION OF MAIN CANAL ON THE CONCRETE LINNING





٠	TYPE	b.	d	В	D	DI	D2	Н	W	LI	L2	L3	REMARKS
	M2- I	11.90	2.24	2000	2.70	1.30	1.40	2.40	"	1,95	5.70	3.60	L= 1,450 ^m
	M2-2	10.70	2.13	18.50	2.60	1,50	I. I O	2.10	"	2.25	4.80	3.15	L = 5,450 ^m
	M2-3									1			L = 2,350 ^m
:													L= 3,3 50 ^m
	M3-2	800	1.84	14.90	2.30	1,80	050	1.50	"	2.70	3.00	2.25	L= 2,550 ^m
	M3-3	6.90	171	13.50	2.20	220		1.00	"	3.30		1.50	L=3,300 ^m

TYPICAL SECTION OF MAIN CANAL ON THE EARTH LINNING

S = 1:200

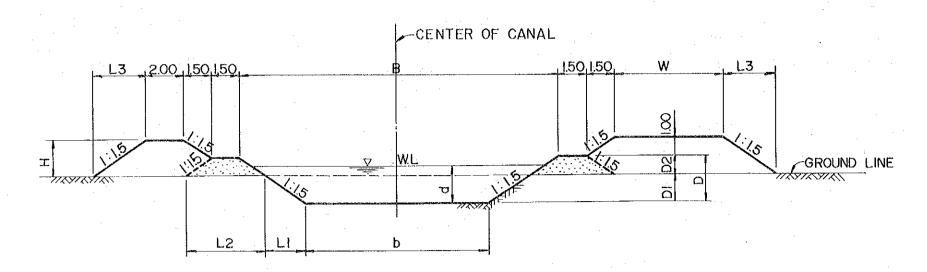
THE ARAB REPUBLIC OF EGYPT MINISTRY OF IRRIGATION

THE SOUTH HOSAINIA VALLEY AGRICULTURAL DEVELOPMENT PROJECT

TYPICAL SECTION OF MAIN IRRIGATION CANAL

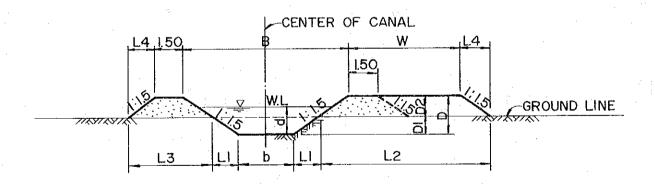
DATE

DWG NO. SH-7



TYPE	b	d	В	D	DI	D2	. Н	W	LI	L2	L3	REMARKS
MI-S-A	5.70	149	1170	2.00	1.00	1.00	2.00	6.00	1.50	4.50	3.00	
MI-S-J	4.60	120	9.70	1.70	070	11	"	"	1.05	"	"	
M2-SC	4.60	1.20	9.70	1.70	0.70	11.	"	11	11	11	"	
M2-S-M	6.00	1.57	12.30	2.10	1.10	11	"	"	1.65	11	"	
M2-S-N	6.10	1.59	12.40	2.10	1.10	"	. ,,	"	"	. //	"	
M2- <mark>SN</mark> -2	5.00	1.30	1040	1.80	080	' //	"	"	1.20	"	"	
M3-S-P	4.30	1.12	9.10	1.60	0.60	11	"	11	0.90	"	"	
M3-S-Q	4.80	1.25	10.05	1.75	0.75	."	".	1	1.13	" .	"	

SECONDARY CANAL (I) S = 1:200



TYPE	b	d .	В	DI	D ₂ 2	D	LI	L2	L3	L4	W	REMARKS
S١	1.00	0.50	4.00	·	1,00	1.00		900	4.50	1.50	6,00	
\$2	1.50	0.75	5.25	025	11	1.25	038	//	11	11 , ,	"	
S3	2.00	1.00	6.50	0.50	"	1.50	0.75	//	11	"	11	· · · · · · · · · · · · · · · · · · ·
S4	2.50	1.25	7.75	0.75	11	1.75	1.13	11	"	"	11	
S5	3.00	1.50	9.00	1.00	"	200	1.50	11	11	11 -	Ü	

SECONDARY CANAL (II)
S = 1:200

THE ARAB REPUBLIC OF EGYPT

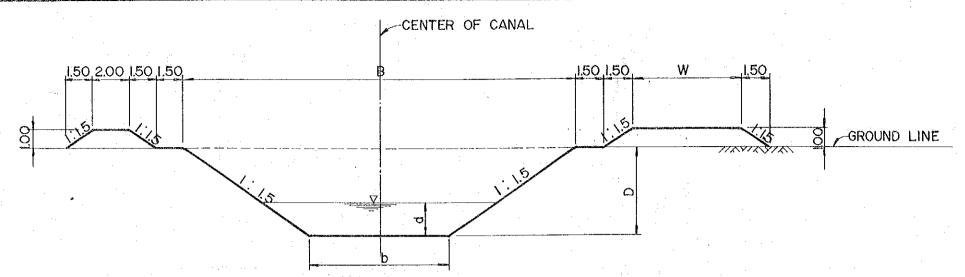
MINISTRY OF IRRIGATION

THE SOUTH HOSAINIA VALLEY
AGRICULTURAL DEVELOPMENT PROJECT

TYPICAL SECTION OF
SECONDARY IRRIGATION CANAL

DATE

D.W.G NO. SH-8



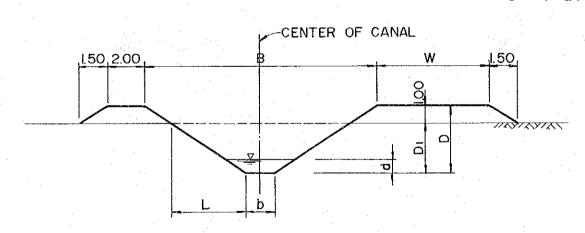
TYPE	р	: d	В	D -	W	REMARKS
M-1	750	1.78	22.50	5.00	6.00	
M - 2	610	1.59	19.00	430	6.00	
M-3	5.60	1.46	17.60	4.00	6.00	
M-4	4.30	1.12	14,50	3.40	6.00	
M-5	4.20	1.10	14.10	3,30	6.00	
1 M	3,90	1.02	15.90	4.00	6.00	
M2	4.20	1.10	15.00	3.60	6.00	
M3	4.10	1.07	4.90	3.60	6.00	

TYPE	b	d	В	D	W :	REMARKS
M-L-J	2.20	0.57	10.60	2.80	6.00	
M-L -0	3.50	0.91	12.80	3.10	ij	
M-L-P	2.90	0.76	11.90	3.00	. ,,	
MI-L-B	11	"	11	3.00	"	
MI-L-C	2.40	0.63	10.80	2.80	11	
M3-L-C	3.20	0.84	12.20	3.00	11	
M3-L-D	2.60	0.68	11.30	2.90	"	

MAIN CANAL

SECONDARY CANAL

MAIN AND SECONDARY CANAL S = 1: 200

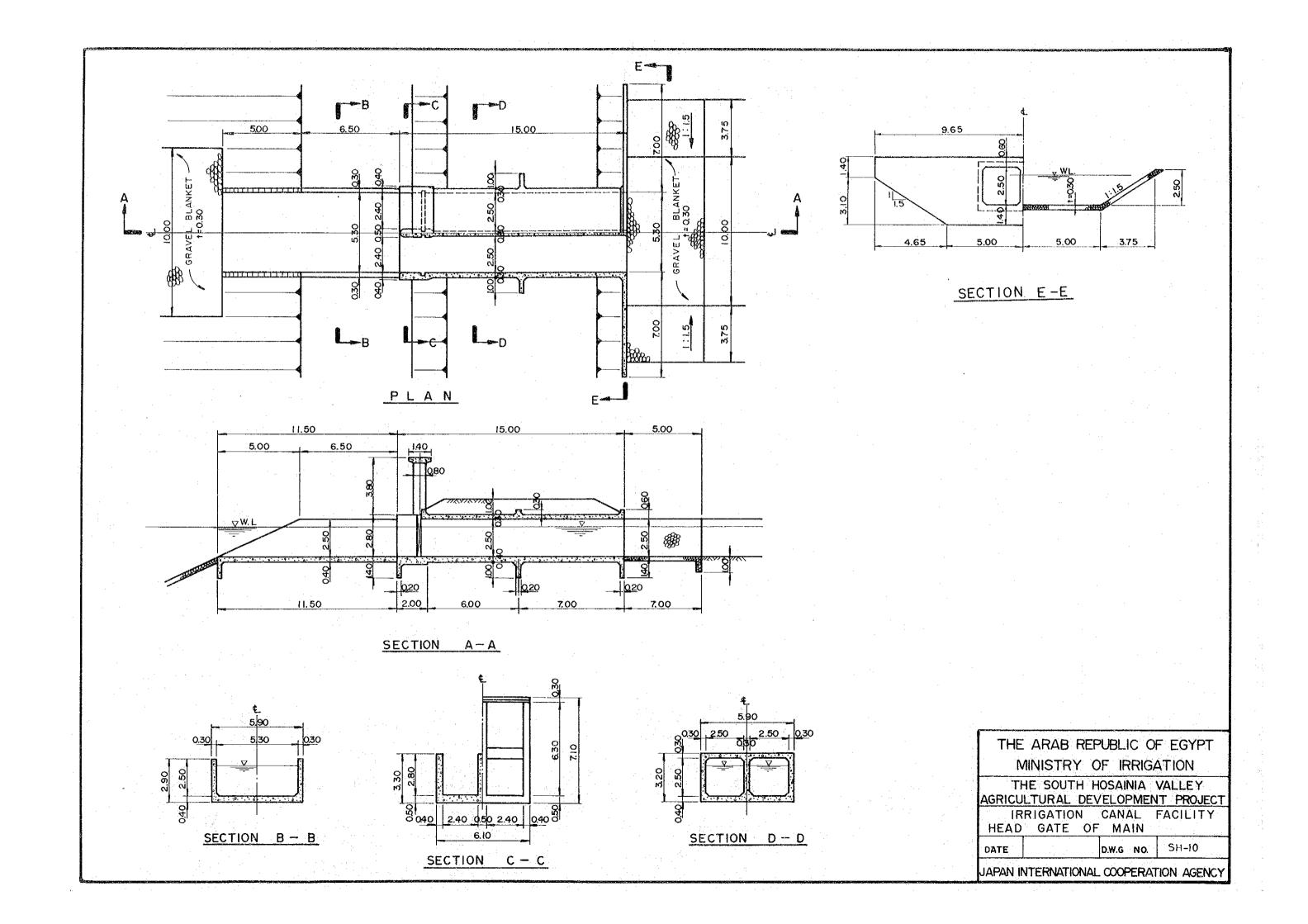


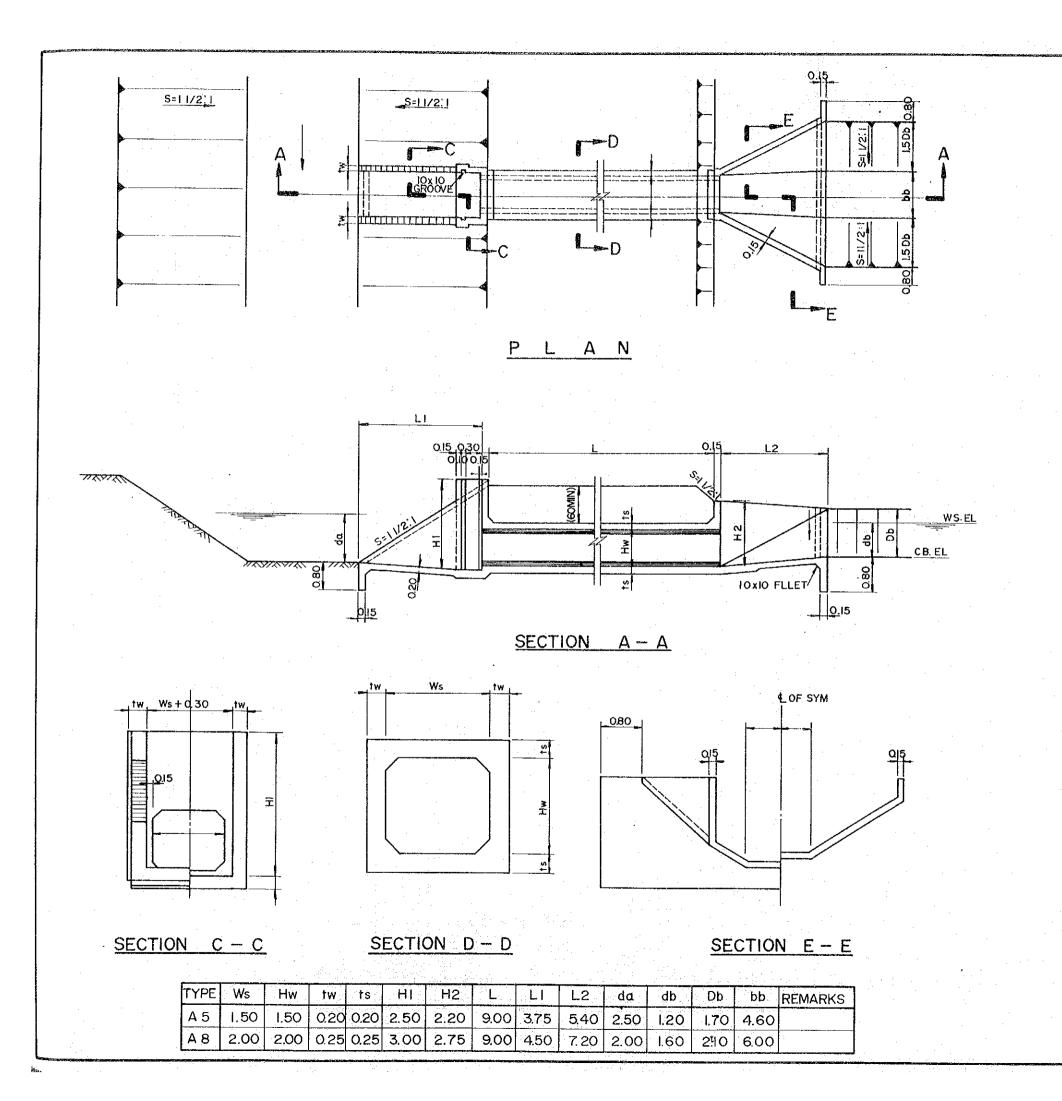
	TYPE	b	d	В	D	D١	L	W	REMARKS
	SI	0.50	0.25	9.65	3 05	205	3.10	6.00	
	S2	1,00	0.50	10.90	3.30	2.30	345	6.00	
۱	S3	1.50	0.75	12.15	3.55	2.55	3.80	6.00	

SECONDARY CANAL

S = 1:200

FIRRIG	
CAINIA	
	VALLEY T PROJECT
OF DRAIN	AGE CANAL
D.W.G NO.	SH-9
	- Att Track 1.1

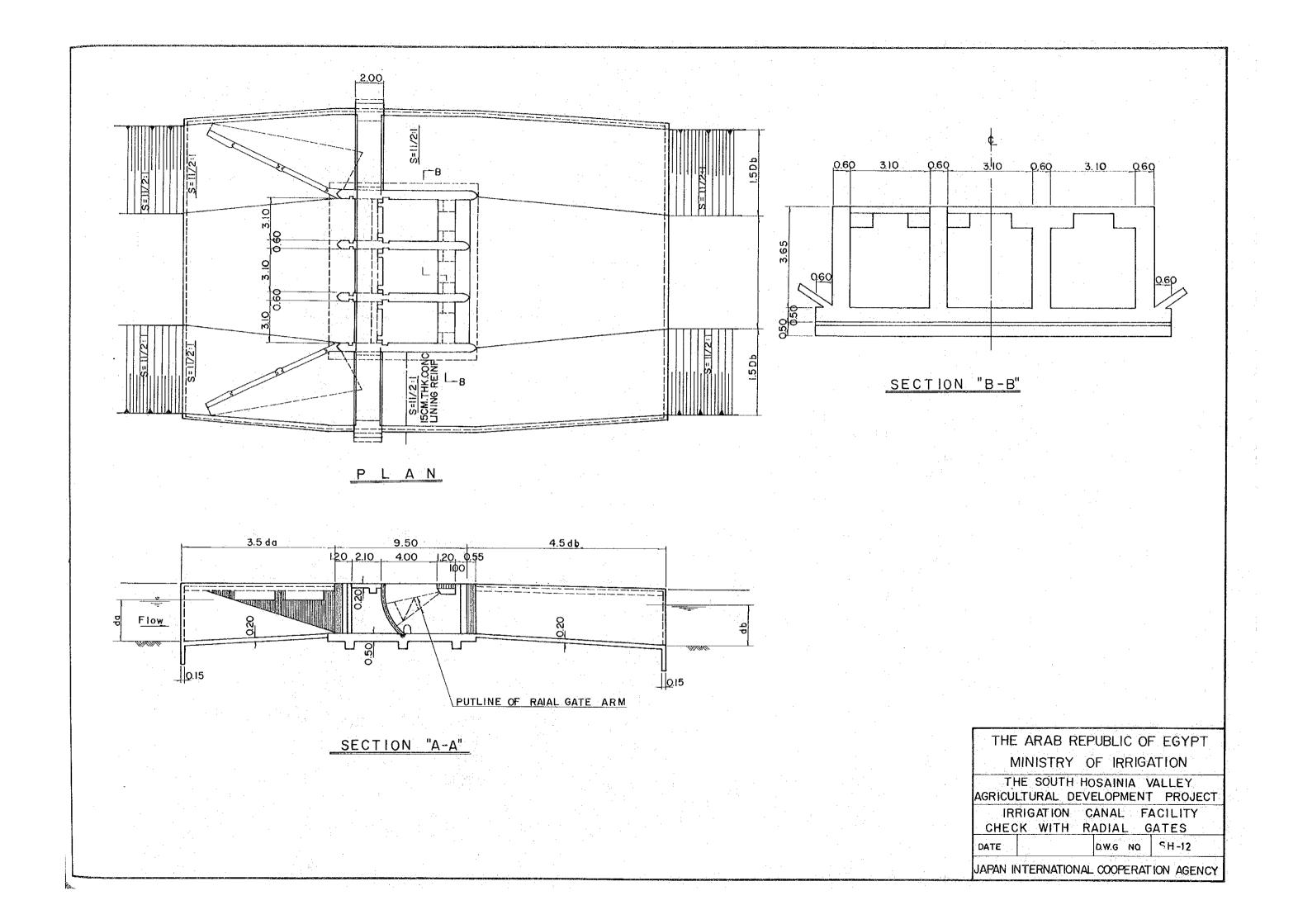


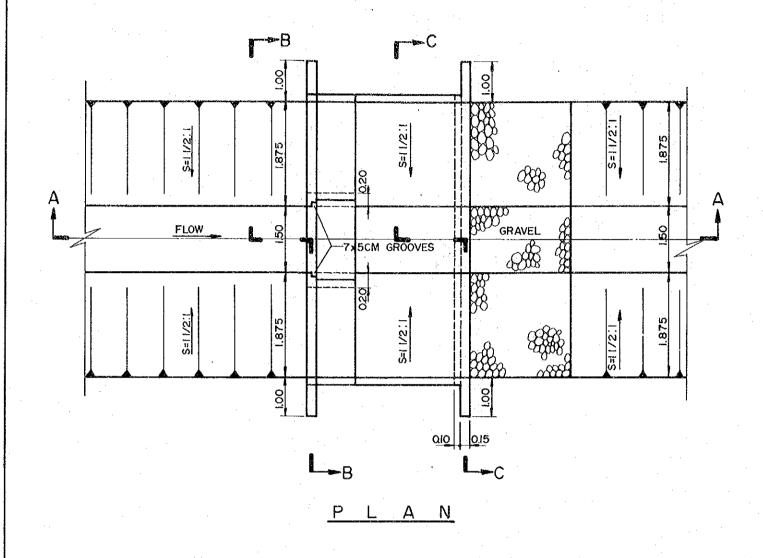


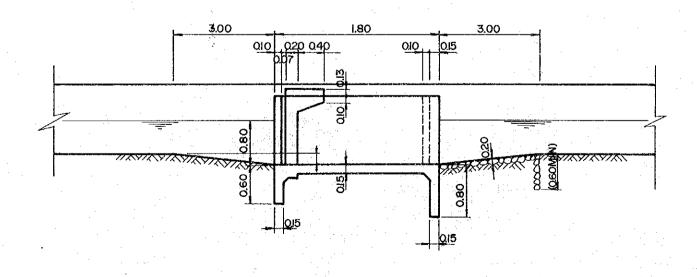
THE ARAB REPUBLIC OF EGYPT

MINISTRY OF IRRIGATION

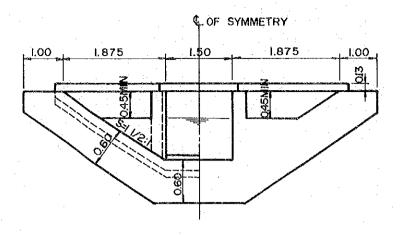
THE SOUTH HOSAINIA VALLEY
AGRICULTURAL DEVELOPMENT PROJECT
IRRIGATION CANAL FACILITY
HEAD GATE OF SECONDARY
DATE D.W.G NO. SH-11
JAPAN INTERNATIONAL COOPERATION AGENCY



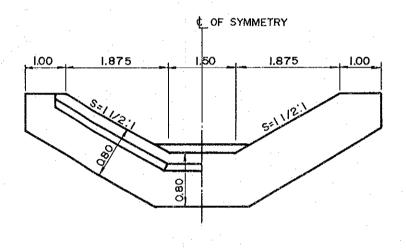




SECTION A-A



SECTION B-B



SECTION C-C

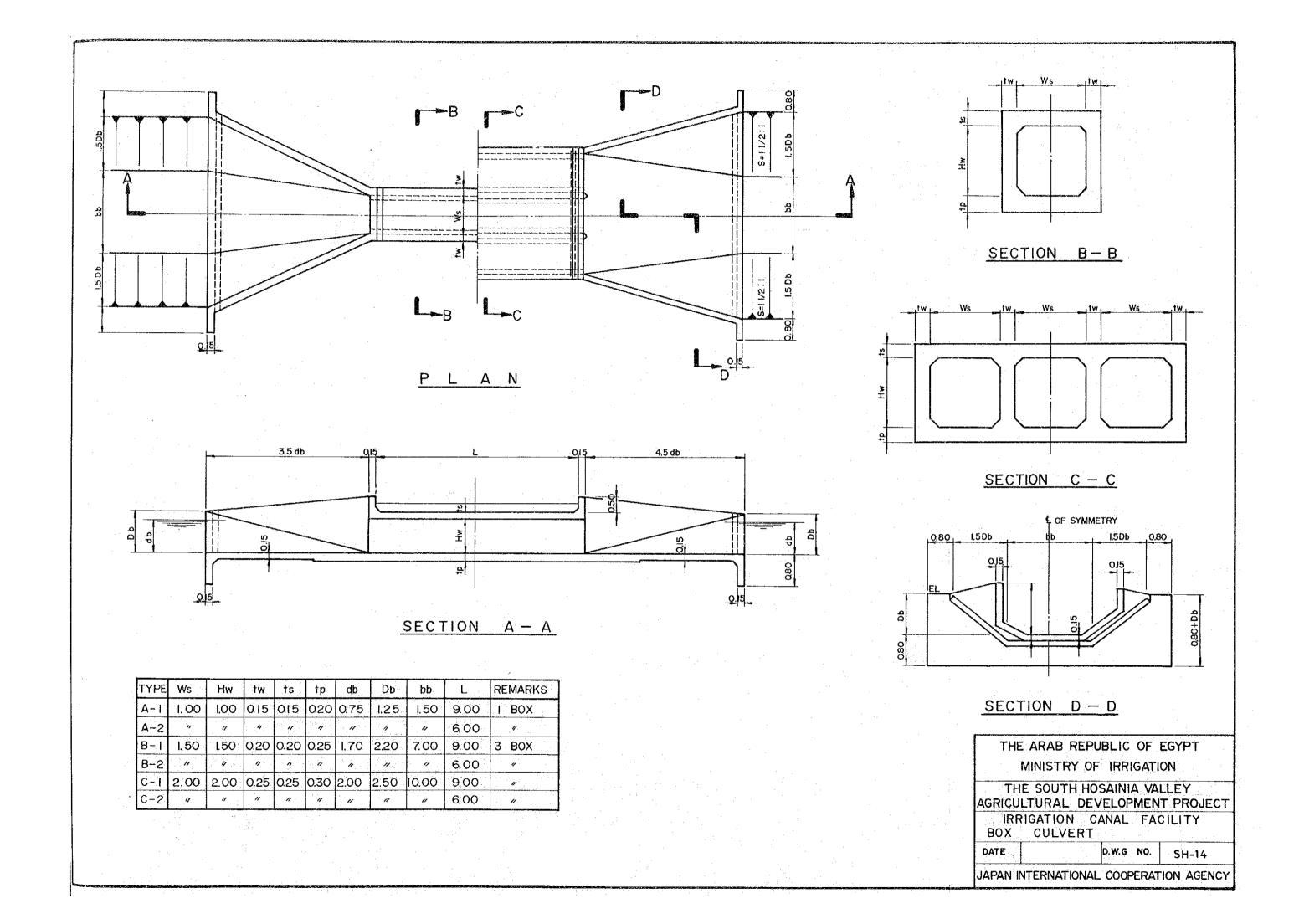
THE ARAB REPUBLIC OF EGYPT

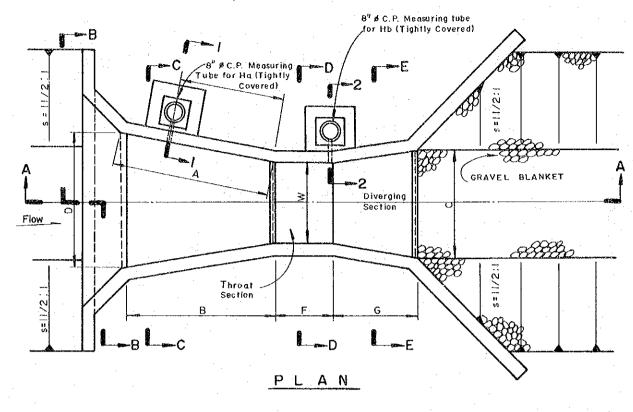
MINISTRY OF IRRIGATION

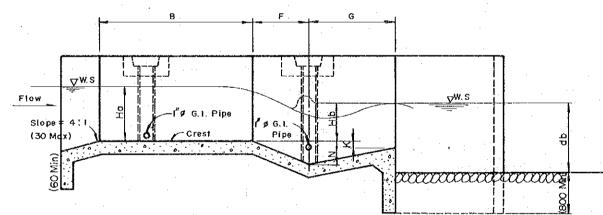
THE SOUTH HOSAINIA VALLEY
AGRICULTURAL DEVELOPMENT PROJECT
IRRIGATION CANAL FACILITY
CHECK GATE

DATE

D.W.G NO. SH-13
JAPAN INTERNATIONAL COOPERATION AGENCY

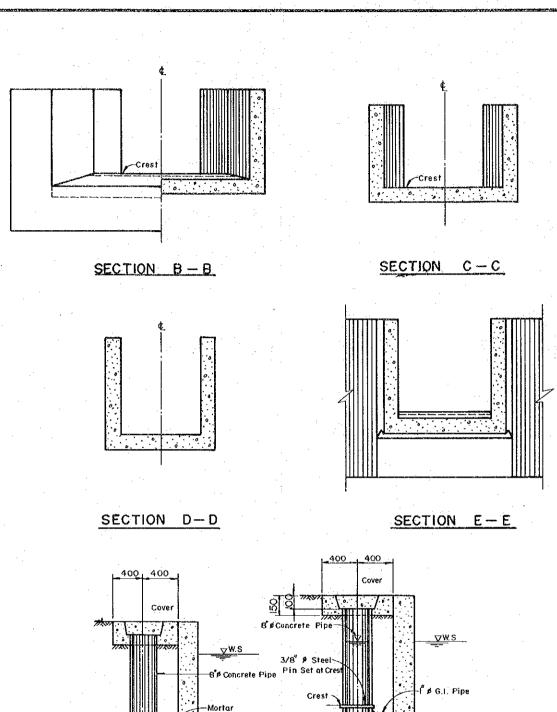


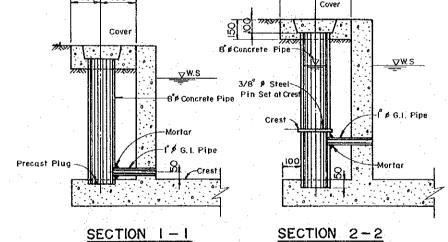




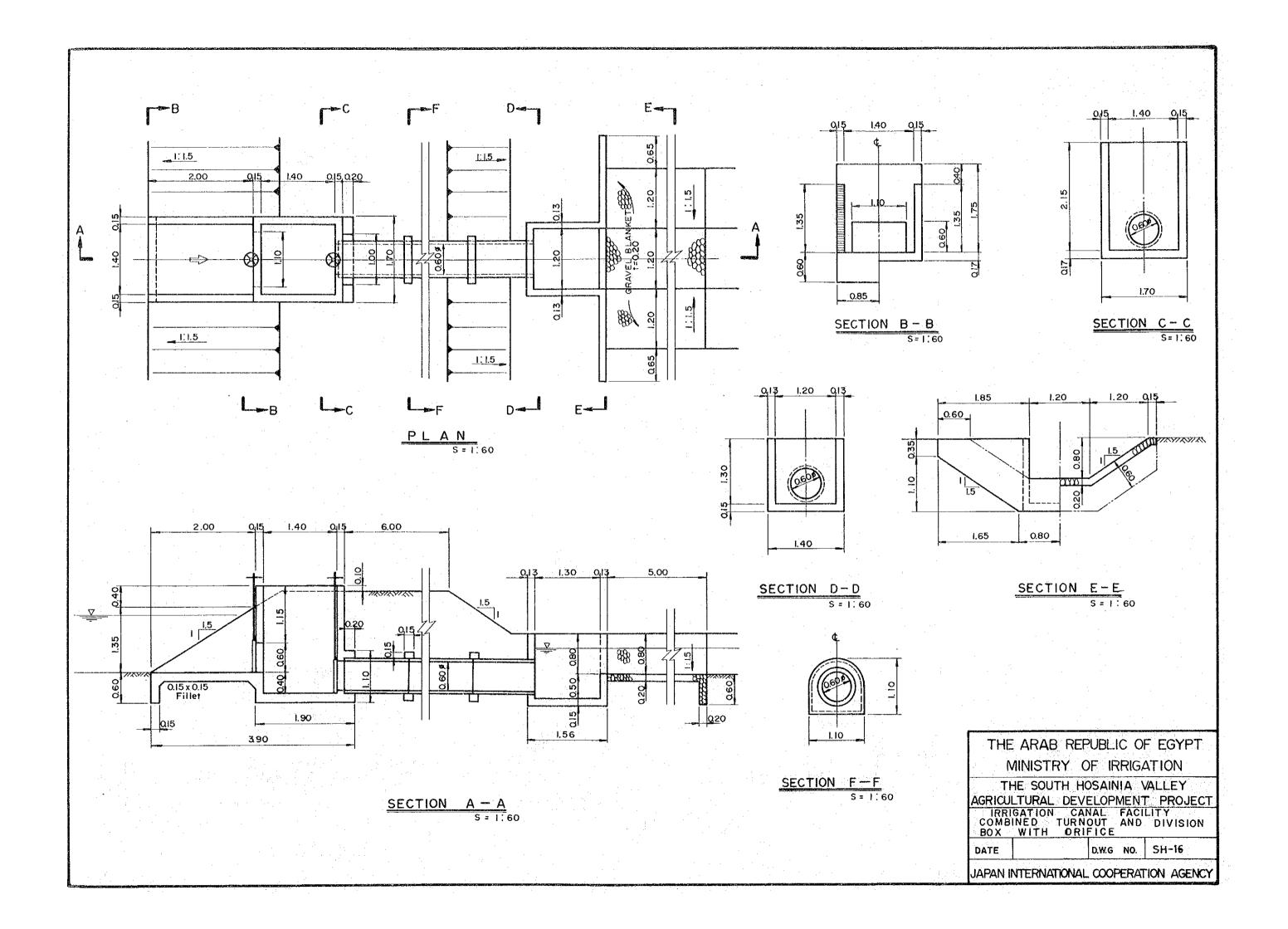
SECTION A - A

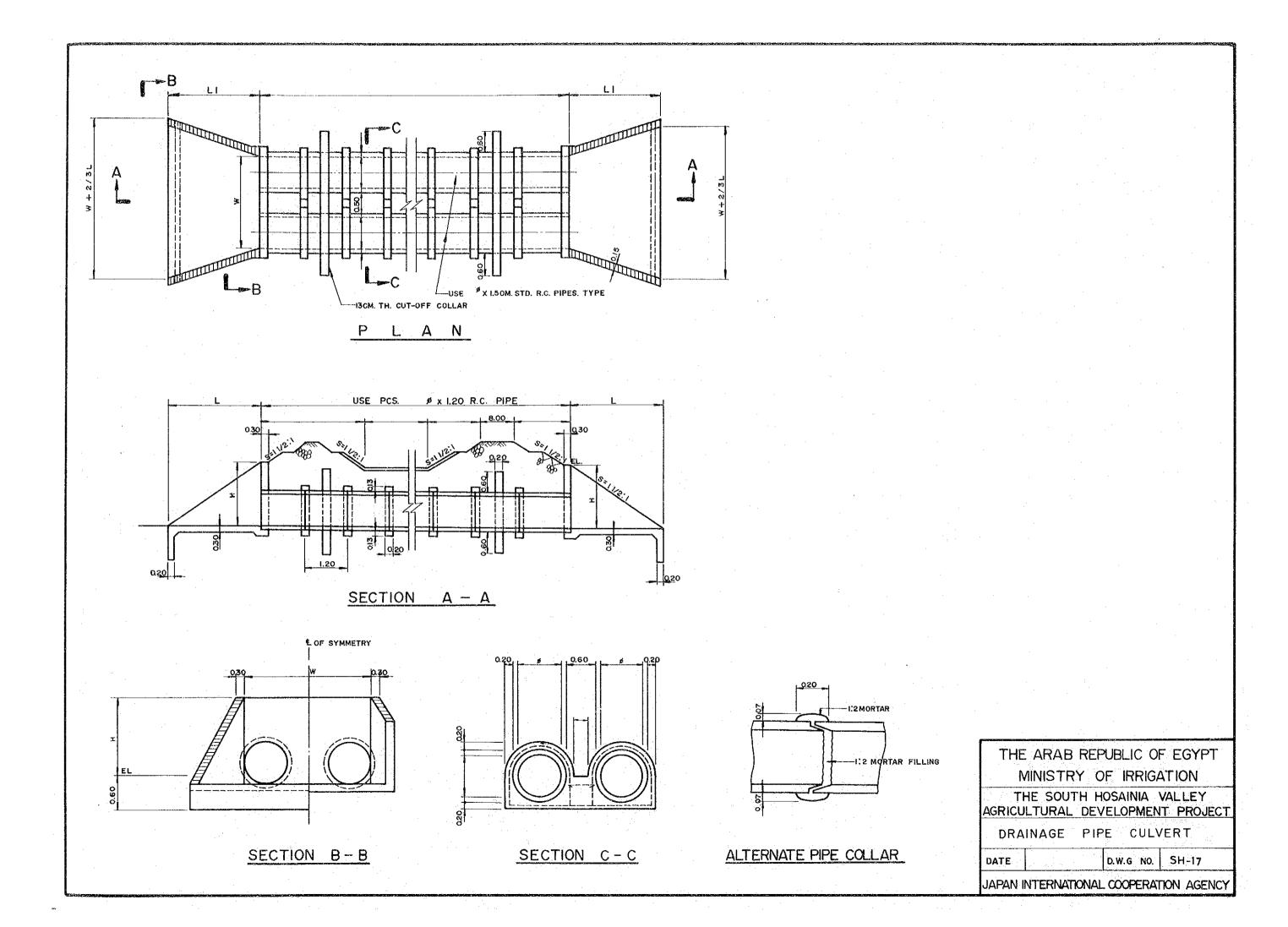
THF WIDTH	ROAT I. W	F	PARSHALL FLUME DIMENSIONS CENTIMETERS							
FEET	CENT- METER	A	В	С	D	F	G	К	N	Τ
5	152	198	194	183	230	61	91	8	23	7
8	244	244	239	274	340	61	91	8	23	7
10	305	435	427	366	473	91	183	15	34	28

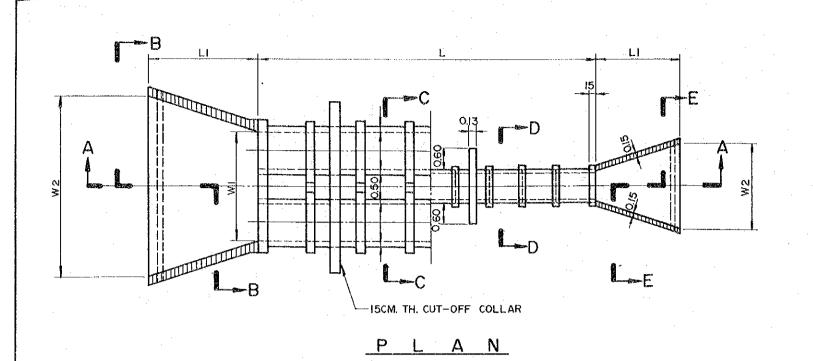


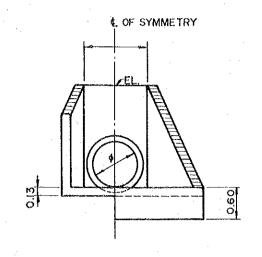


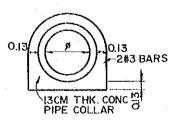
THE ARAB REPUBLIC OF EGYPT MINISTRY OF IRRIGATION THE SOUTH HOSAINIA VALLEY AGRICULTURAL DEVELOPMENT PROJECT IRRIGATION CANAL FACILITY PARSHALL FLUME D.W.G NO. SH-15 DATE JAPAN INTERNATIONAL COOPERATION AGENCY





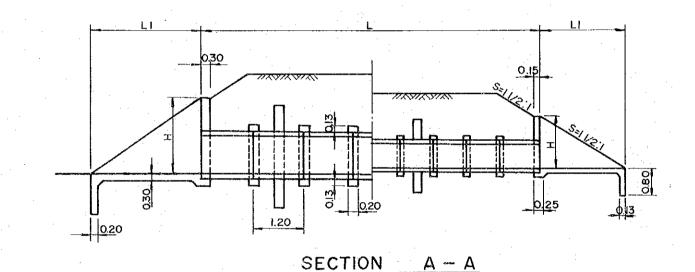




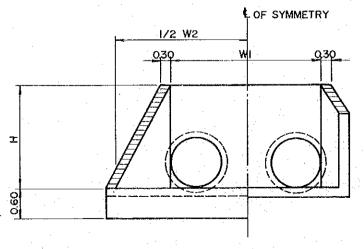


SECTION B-B

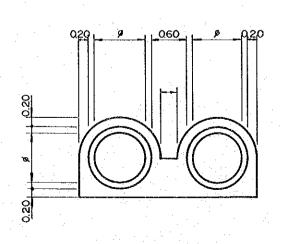
SECTION D-D



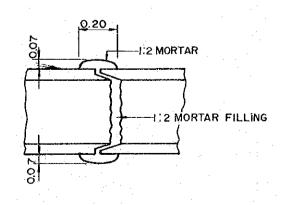
TYPE	ø	Wi	W2	Н	LI	L	REMARKS
ΑΙ	0.40	0.50	1.00	2.30	3.50	9.00	
A-2	. 11	"	11	"	11	12.00	:
B-1	1.00	2.50	4.20	3.00	4.50	9.00	
B-2	"	11	11 .	"	"	12.00	
С	1.50	3.50	5.60	4.00	6.00	12.00	·



SECTION B-B



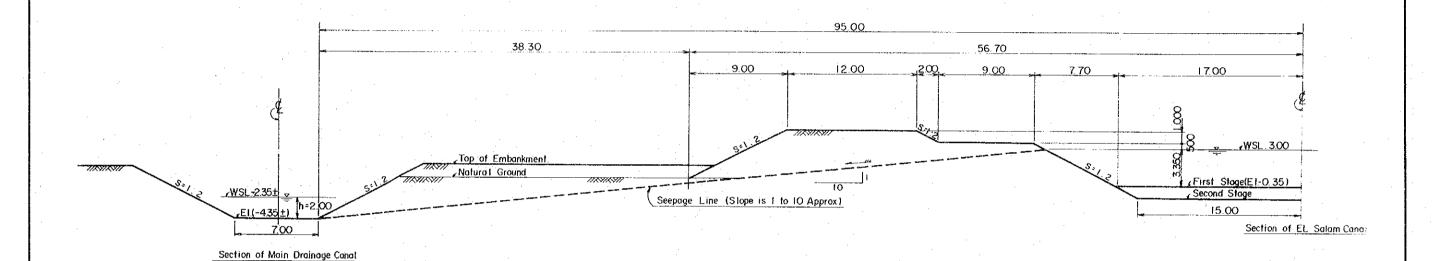
SECTION C - C



ALTERNATE PIPE COLLAR

THE ARAB REPUBLIC OF EGYPT	
MINISTRY OF IRRIGATION	d
THE SOUTH HOSAINIA VALLEY	
AGRICULTURAL DEVELOPMENT PROJE	
DRAINAGE CANAL FACILITY PIPE CULVERT	

DATE D.W.G NO. SH-18



TYPICAL SECTION OF SEEPAGE LINE

BETWEEN ELSALAM CANAL AND MAIN

SCALE Om 5m 10m

THE ARAB REPUBLIC OF EGYPT

MINISTRY OF IRRIGATION

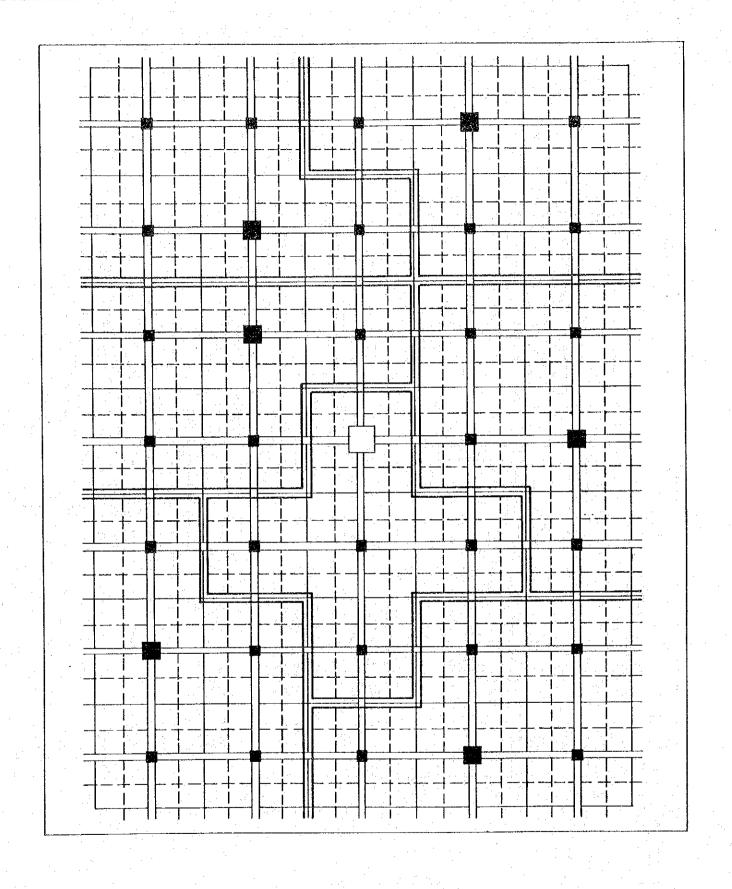
THE SOUTH HOSAINIA VALLEY
AGRICULTURAL DEVELOPMENT PROJECT

TYPICAL SECTION OF SEEPAGE LINE

DATE

D.W.G. NO. SH-19

JAPAN INTERNATIONAL COOPERATION AGENCY



	Central Village
	Service Village
111	Small Village
	Territories of Service Village
	Feeder Road
	Sub-Feeder Road
	Farm Road

THE ARAB REPUBLIC OF EGYPT

MINISTRY OF IRRIGATION

THE SOUTH HOSAINIA VALLEY

AGRICULTURAL DEVELOPMENT PROJECT

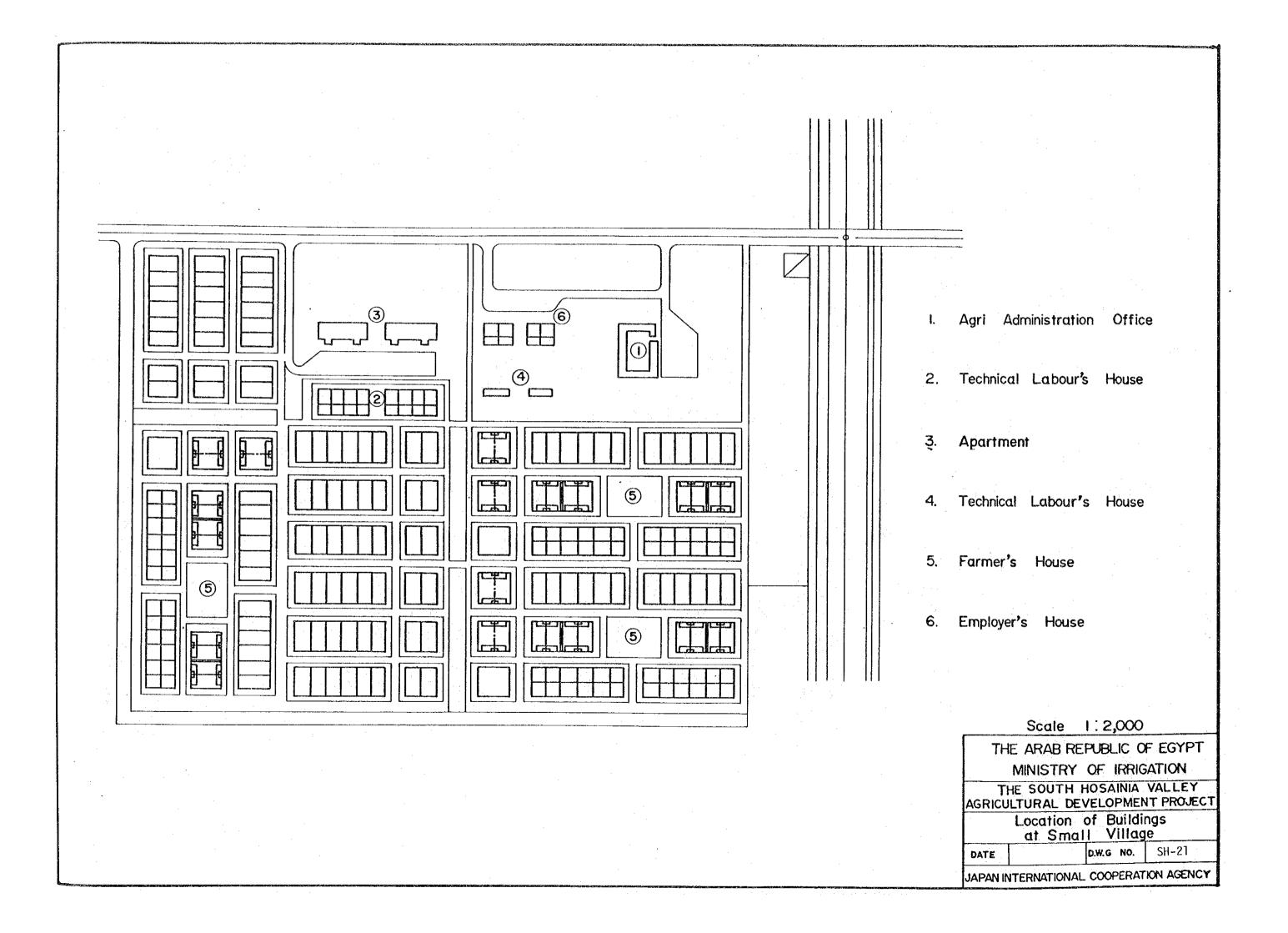
Schematic Map of Small,

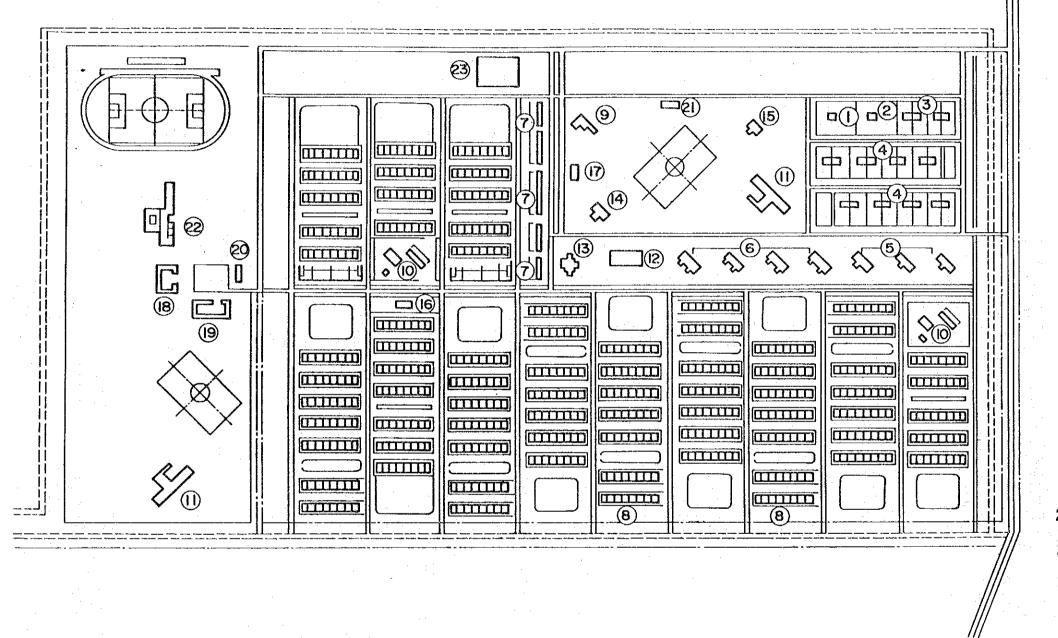
Service and Central Village

DATE

D.W.G NO. SH-20

JAPAN INTERNATIONAL COOPERATION AGENCY





- I. Director's House
- 2. Ass t, Director's House
- 3. Employeer's House
- 4. Do
- 5. Apartment
- 6. Do
- 7. Technical Labour's House
- 8. Farmer's House
- 9. Office of Administration
- 10. Nursery School
- 11. Primary School
- 12. Market with Bakery
- 13. Mosque
- 14. Rest House for Employeer
- 15. Club
- 16. Group of Shop
- 17. Fire Station
- 18. Agri, Administration Office
- 19. Auto Service Station
- 20. Store
- 21. Medical Treatment Unit
- 22. Preparatory School
- 23. Workshop

Scale 1:5,000

THE ARAB REPUBLIC OF EGYPT MINISTRY OF IRRIGATION

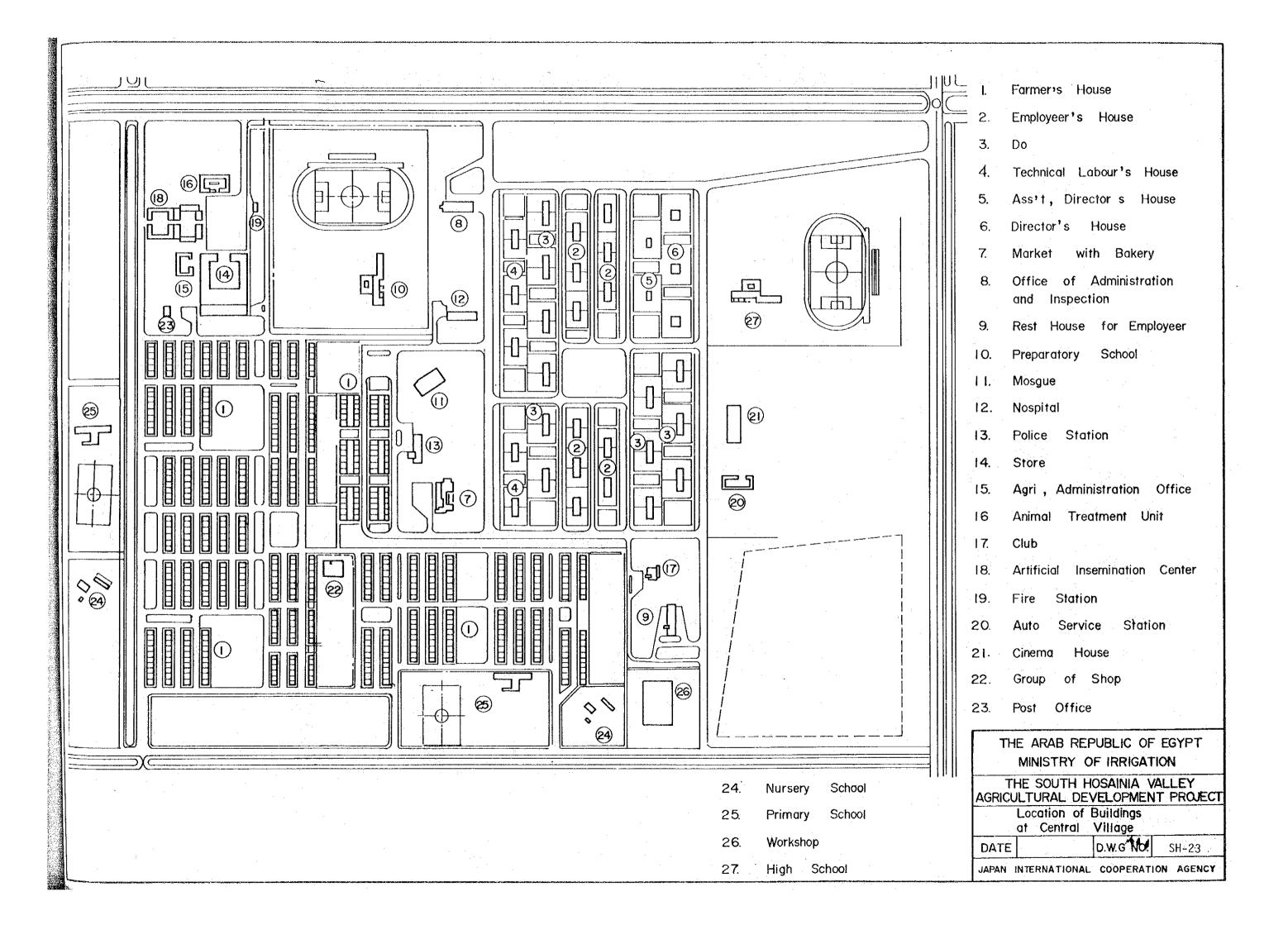
THE SOUTH HOSAINIA VALLEY AGRICULTURAL DEVELOPMENT PROJECT

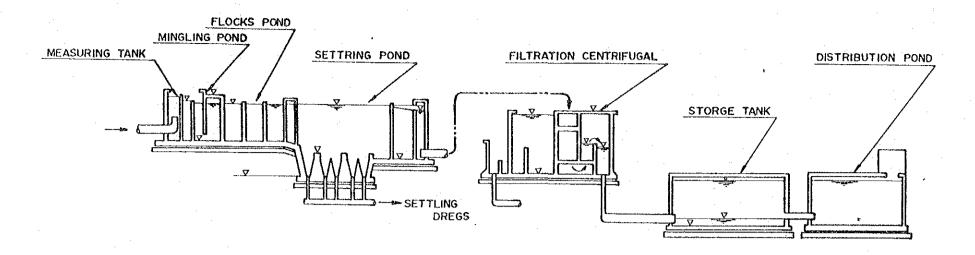
Location of Buildings at Service Village

DATE

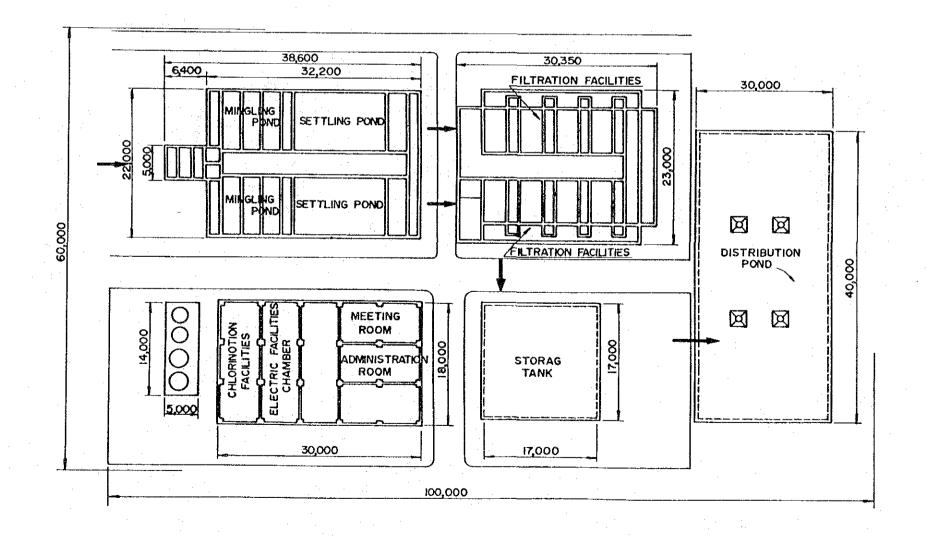
D.W.G NO.

SH-22





FLOW CHART OF TREATMENT SYSTEMS NO SCALE



PLOT PLAN OF TREATMENT STRUCTURES

THE ARAB REPUBLIC OF EGYPT
MINISTRY OF IRRIGATION

THE SOUTH HOSAINIA VALLEY
AGRICULTURAL DEVELOPMENT PROJECT

PLOT PLAN OF TREATMENT STRUCTURES

DATE
D.W.G NO. SH-24

JAPAN INTERNATIONAL COOPERATION AGENCY

