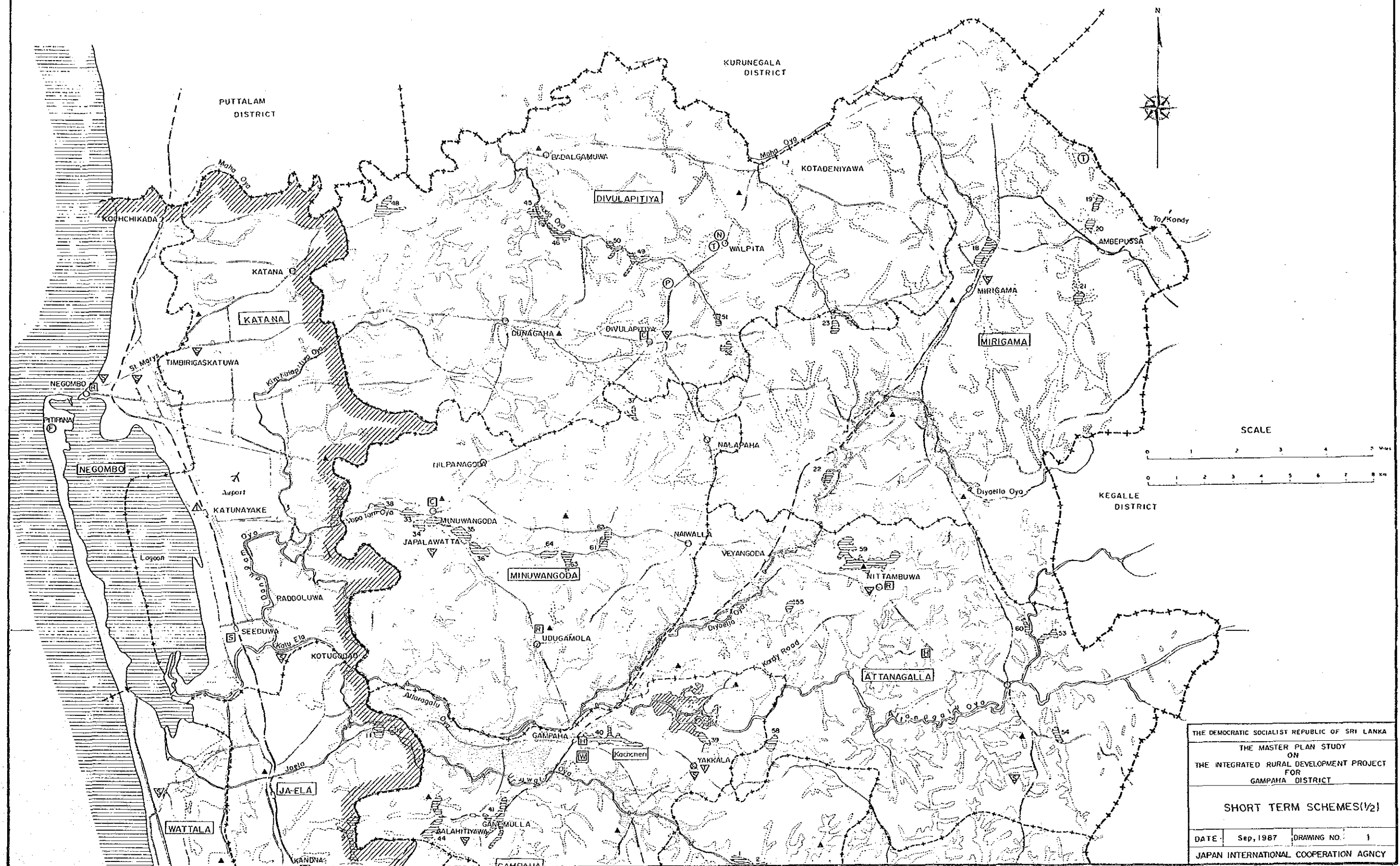
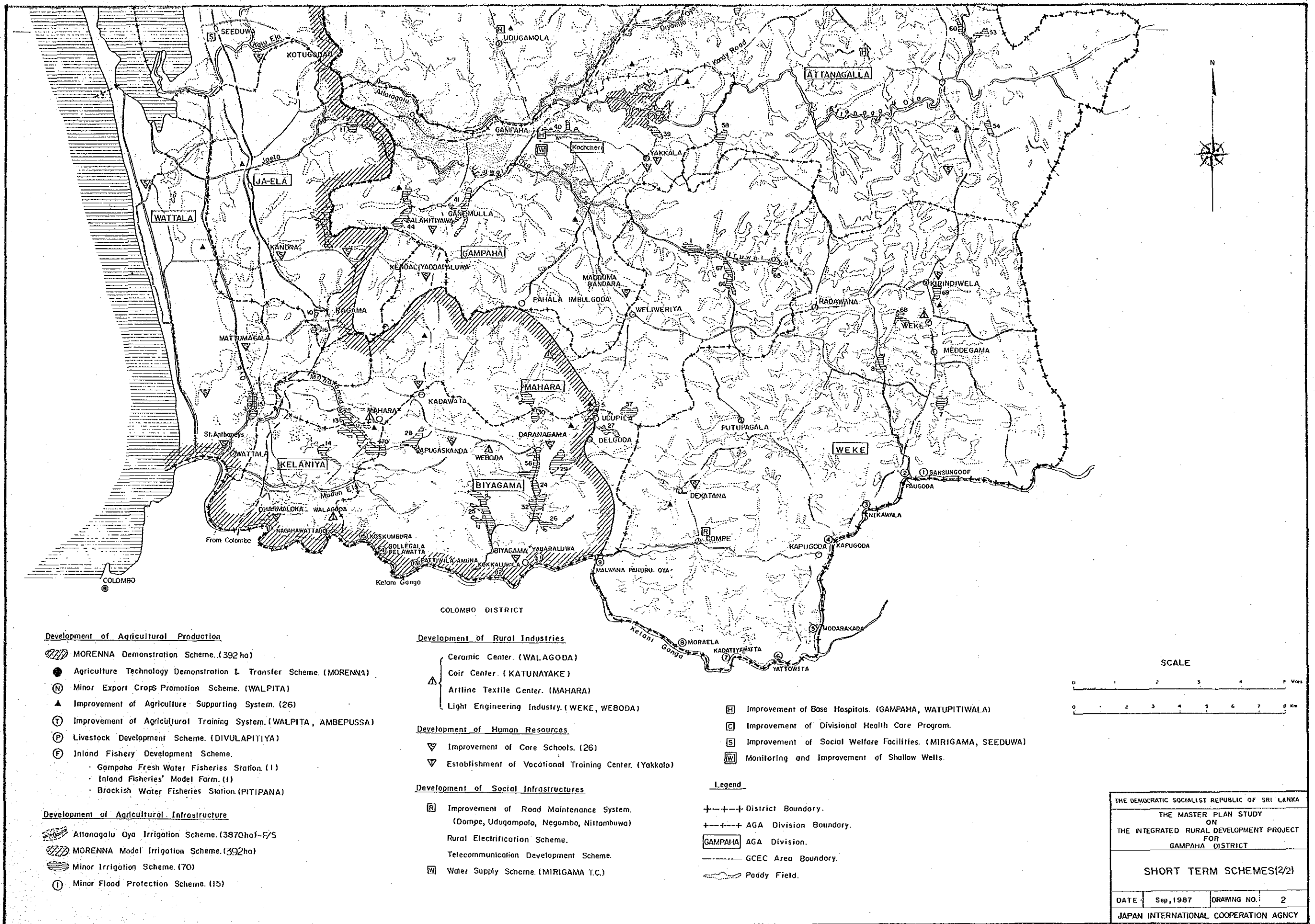
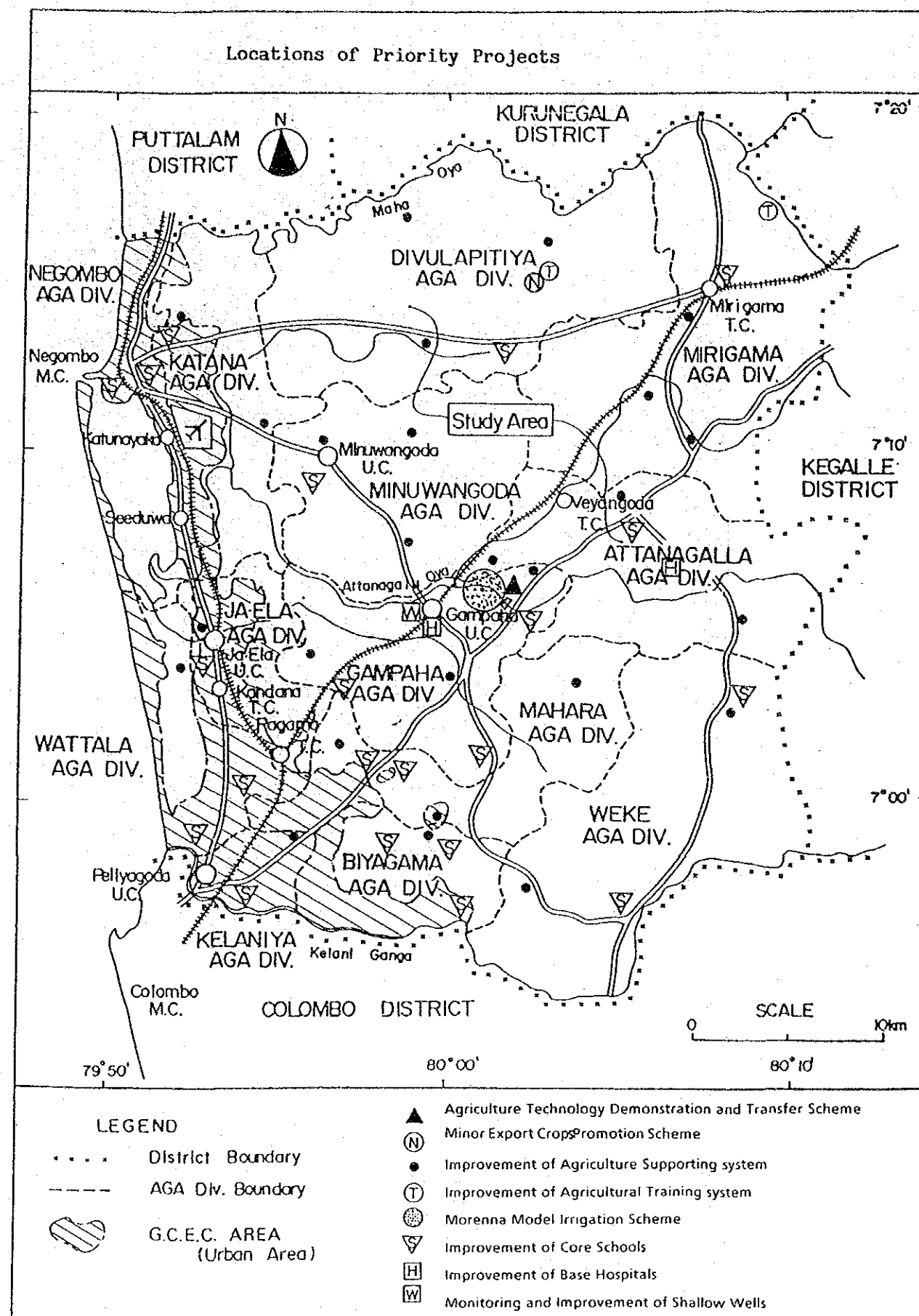


**XIII. Design Drawings of Master Plan for
the Integrated Rural Development
Project for Gampaha District**

LOCATION OF SHORT TERM SCHEMES







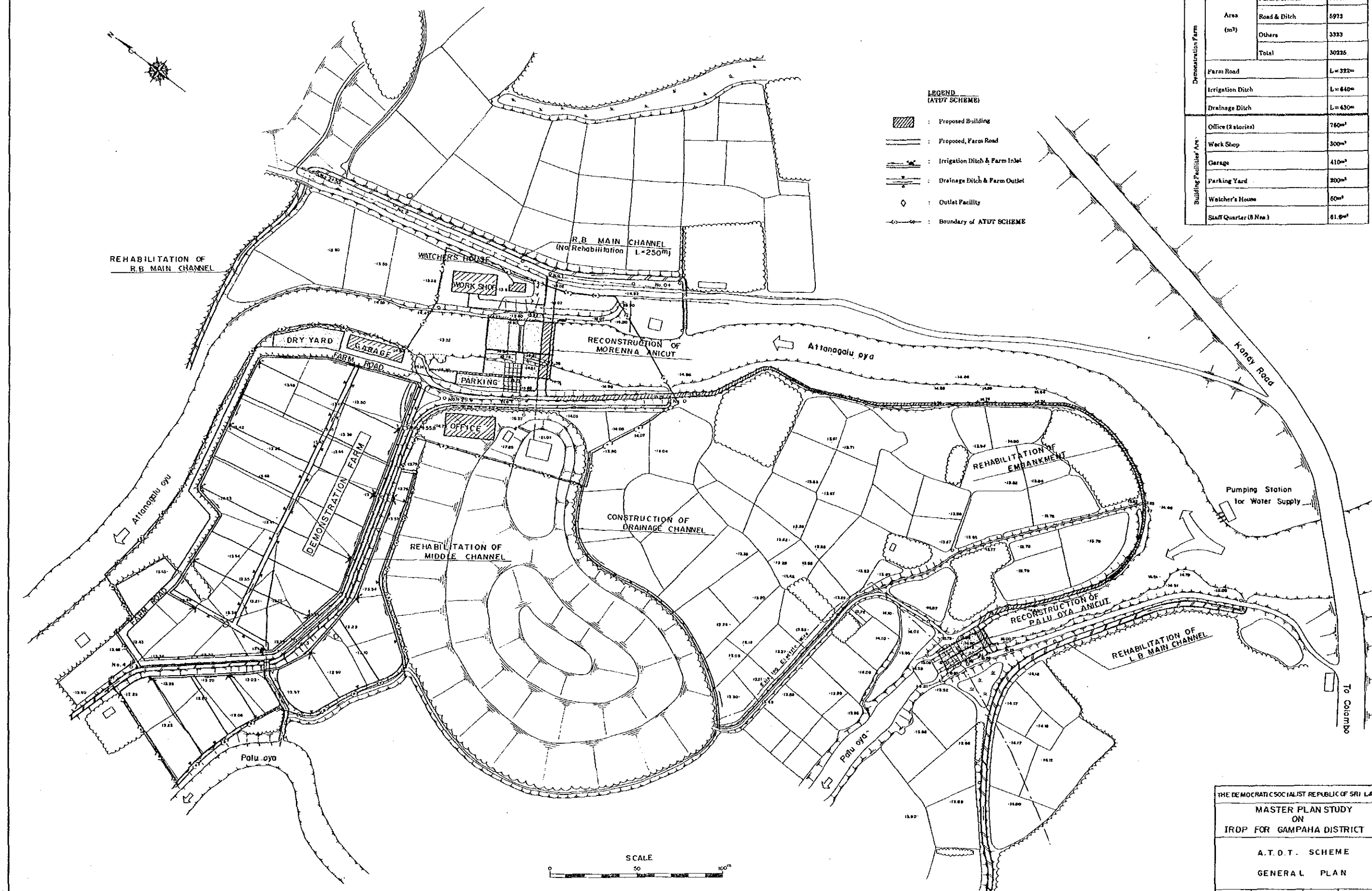
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
Locations of Priority Projects			
DATE	Sep, 1987	Drawing No	3
JAPAN INTERNATIONAL COOPERATION AGENCY			

ATDTC PROPOSED FACILITIES

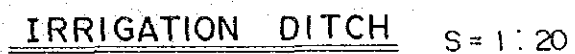
Demonstration Farm	Area (m ²)	Farm Net Area	20929
		Road & Ditch	5973
		Others	3323
		Total	30225
Building Facilities Area	Farm Road		L = 322m
	Irrigation Ditch		L = 646m
	Drainage Ditch		L = 430m
	Office (2 stories)		760m ²
	Work Shop		300m ²
	Garage		410m ²
	Parking Yard		200m ²
	Watchers House		50m ²
	Staff Quarter (8 Nos.)		61.6m ²

LEGEND (ATDTC SCHEME)

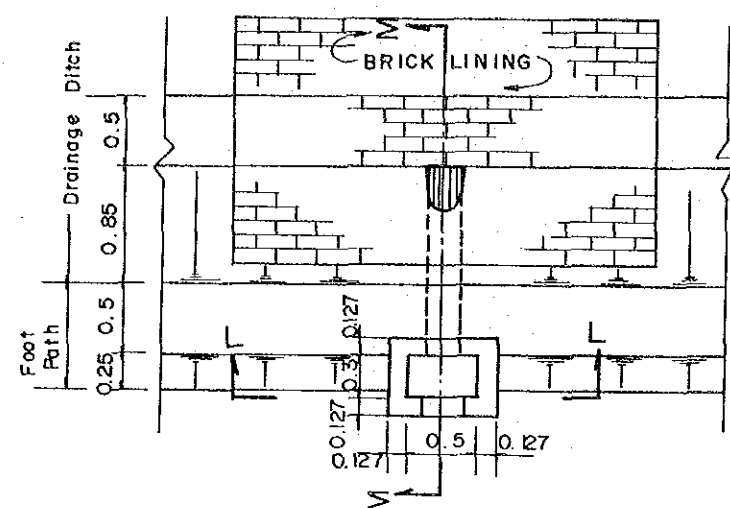
-  : Proposed Building
-  : Proposed Farm Road
-  : Irrigation Ditch & Farm Inlet
-  : Drainage Ditch & Farm Outlet
-  : Outlet Facility
-  : Boundary of ATDTC SCHEME



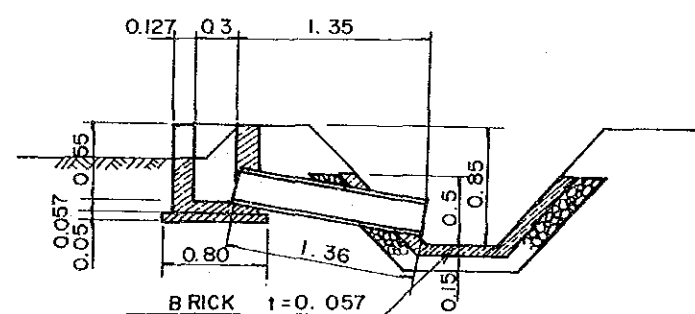
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
A.T.D.T. SCHEME GENERAL PLAN			
DATE	Sep, 1987	Drawing No	4
JAPANESE INTERNATIONAL COOPERATION AGENCY			



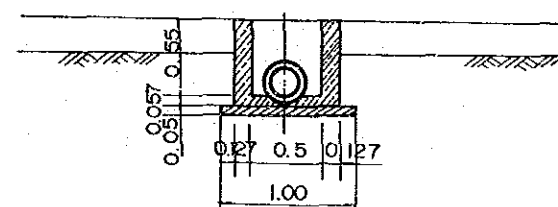
FARM OUT LET



PLAN

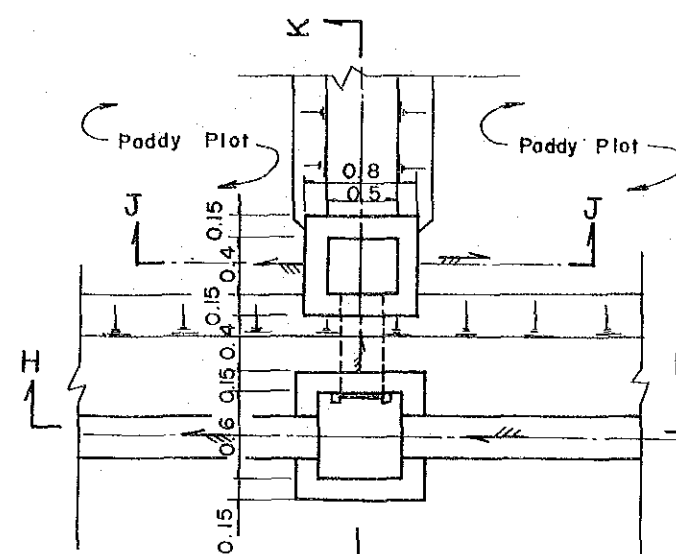


SECTION M-M

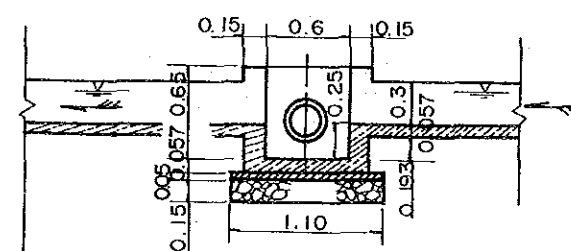


SECTION L-L

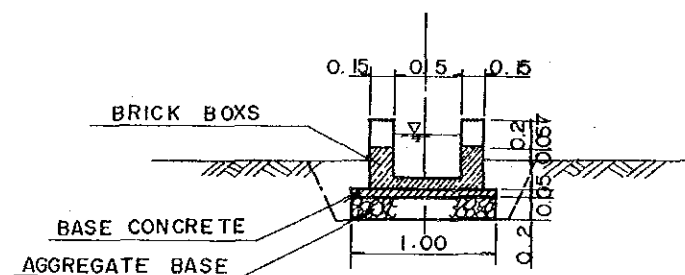
FARM INLET



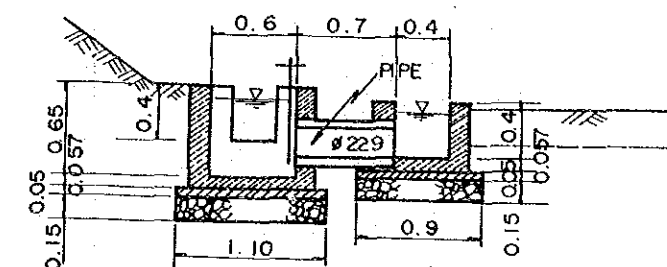
PLAN



SECTION H-H



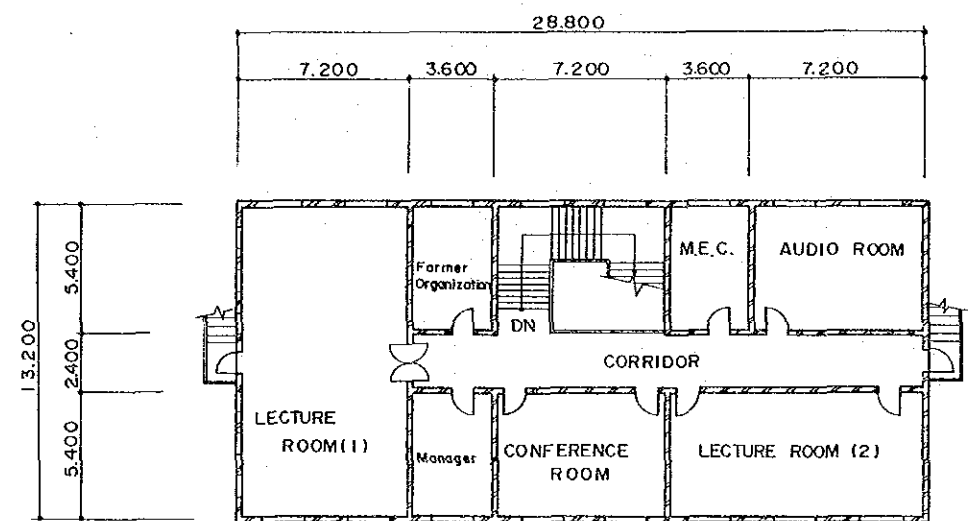
SECTION J-J



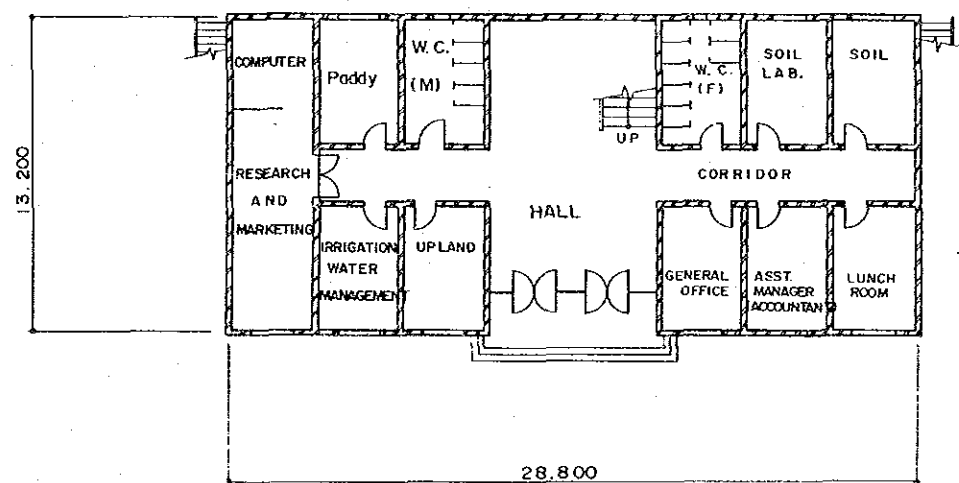
SECTION K-K

SCALE
0 1 2m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
A.T.D.T SCHEME DEMONSTRATION FARM TYPICAL SECTION & STRUCTURE (2/2)			
DATE	Sep, 1987	Drawing No	6
JAPAN INTERNATIONAL COOPERATION AGENCY			



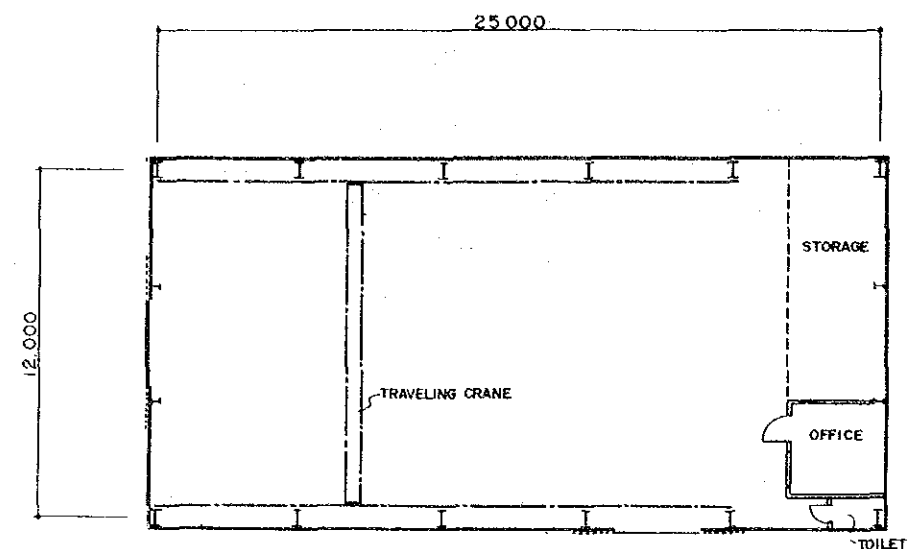
FIRST FLOOR



GROUND FLOOR

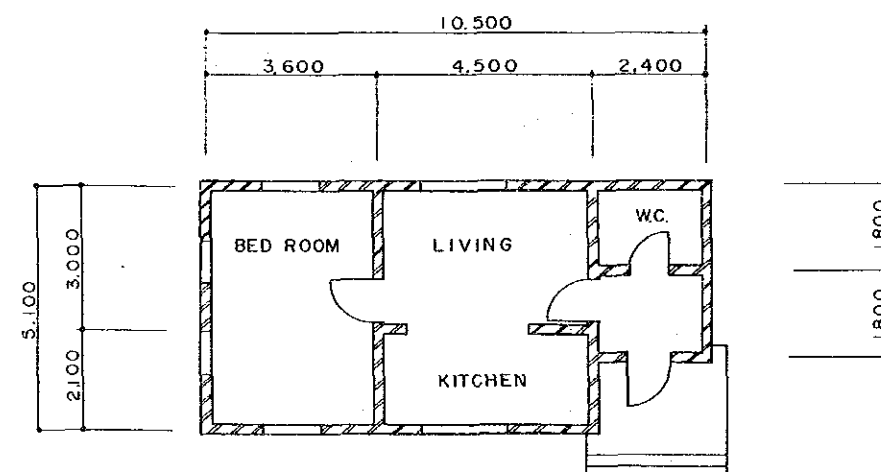
ATDTC OFFICE

SCALE
0 2 4 6 8 10m



WORKSHOP

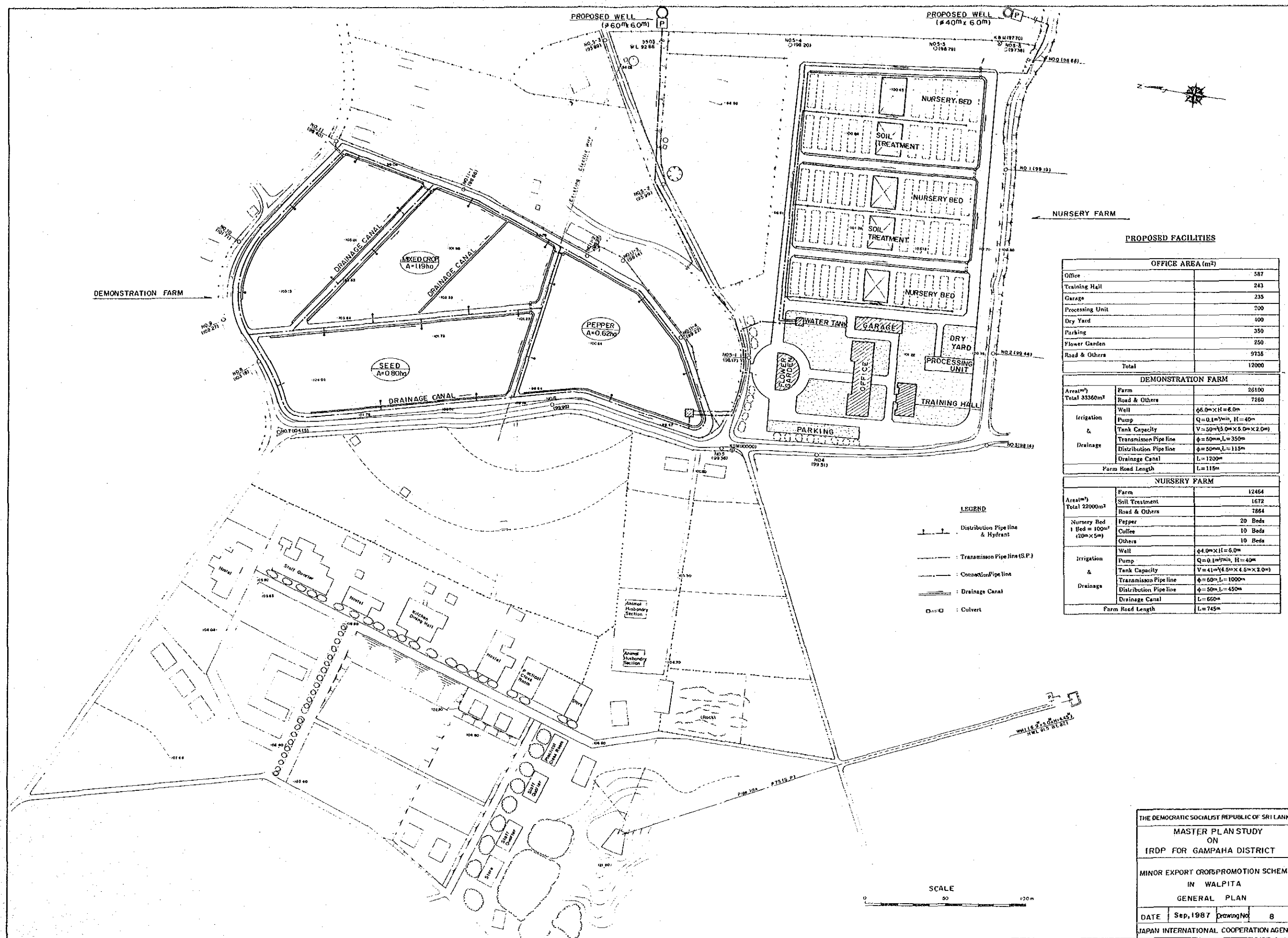
SCALE
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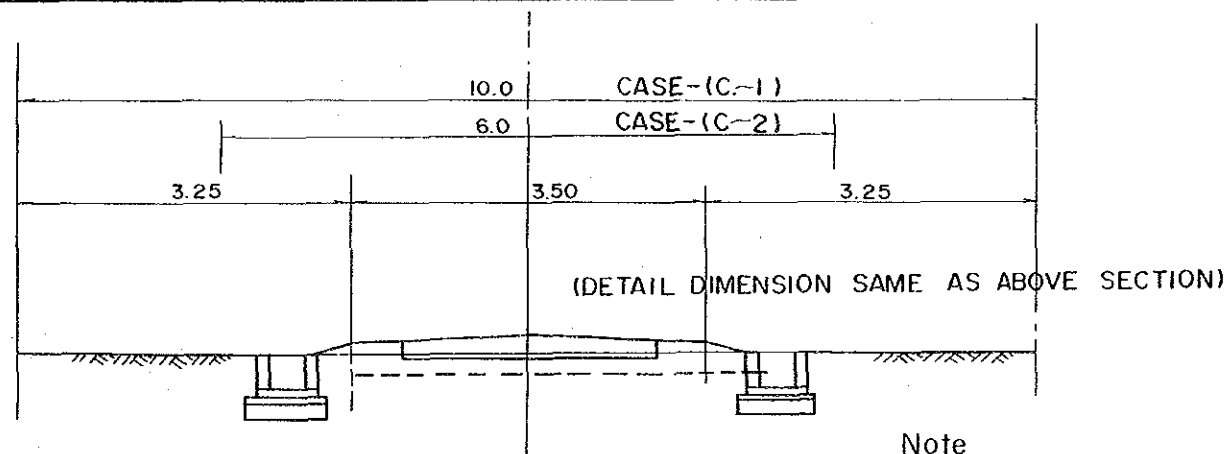
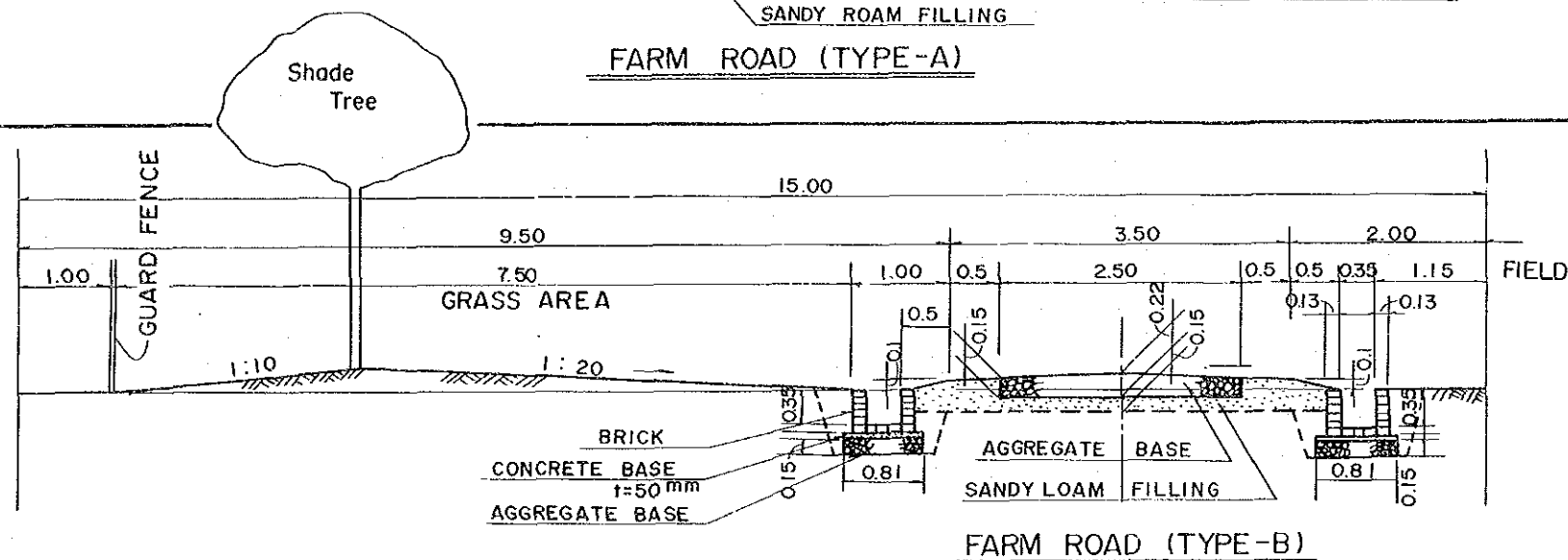
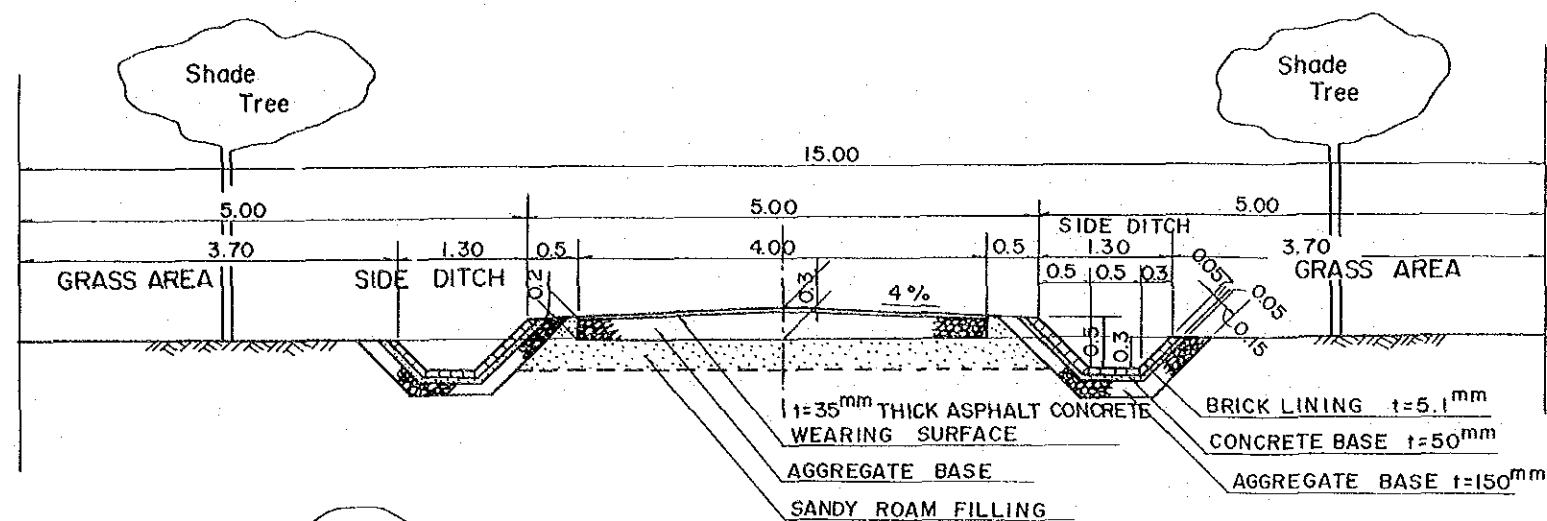


WATCHER'S HOUSE

SCALE
0 1 2 3 4 5m

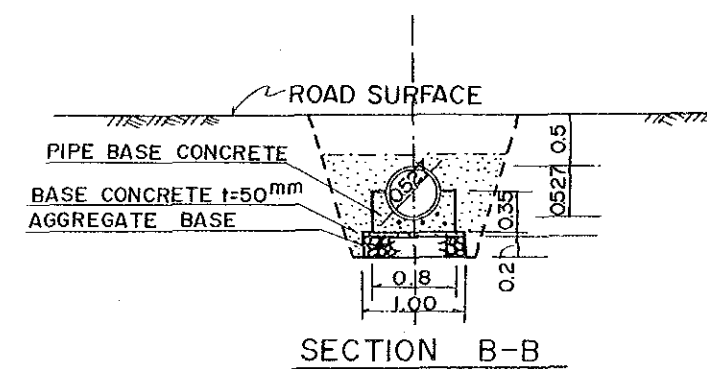
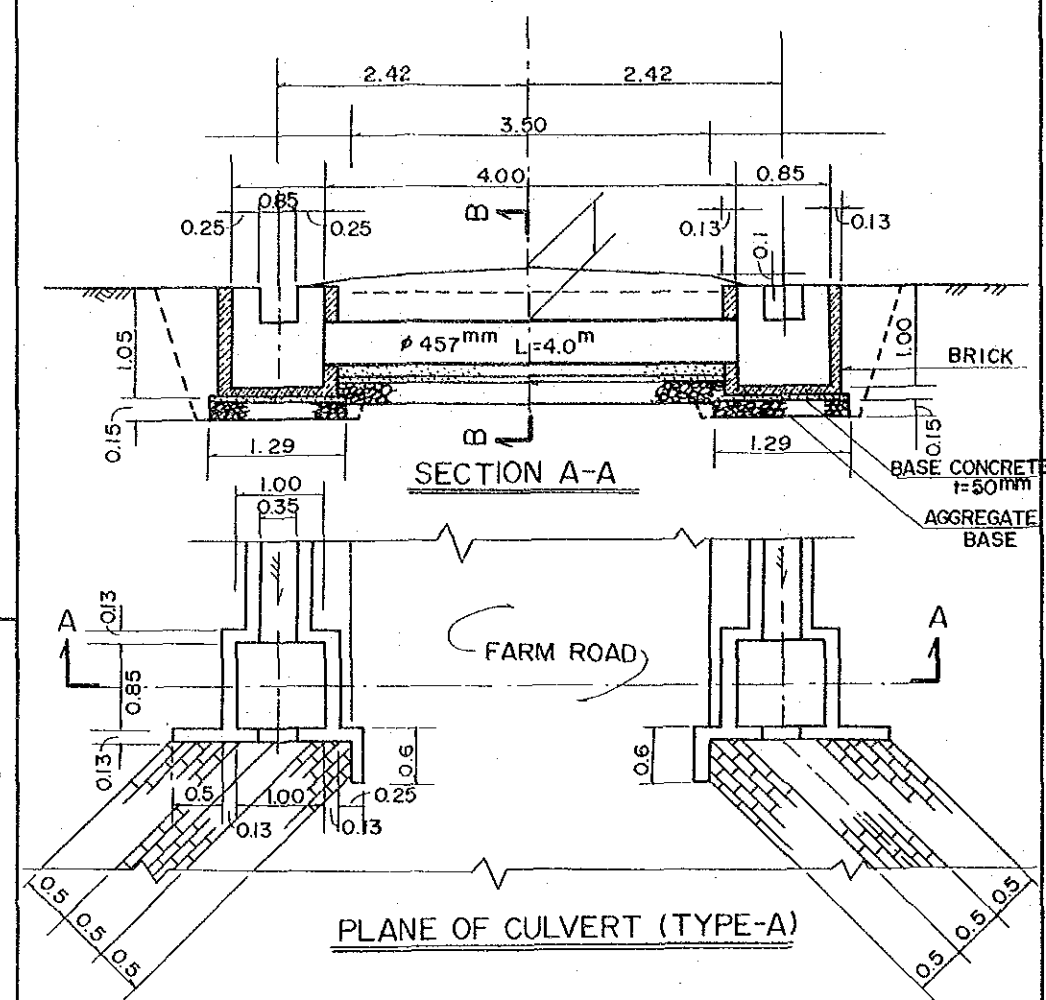
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRILANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
A.T.D.T. SCHEME PLAN OF BUILDINGS			
DATE	Sep, 1987	Drawing No	7
JAPAN INTERNATIONAL COOPERATION AGENCY			





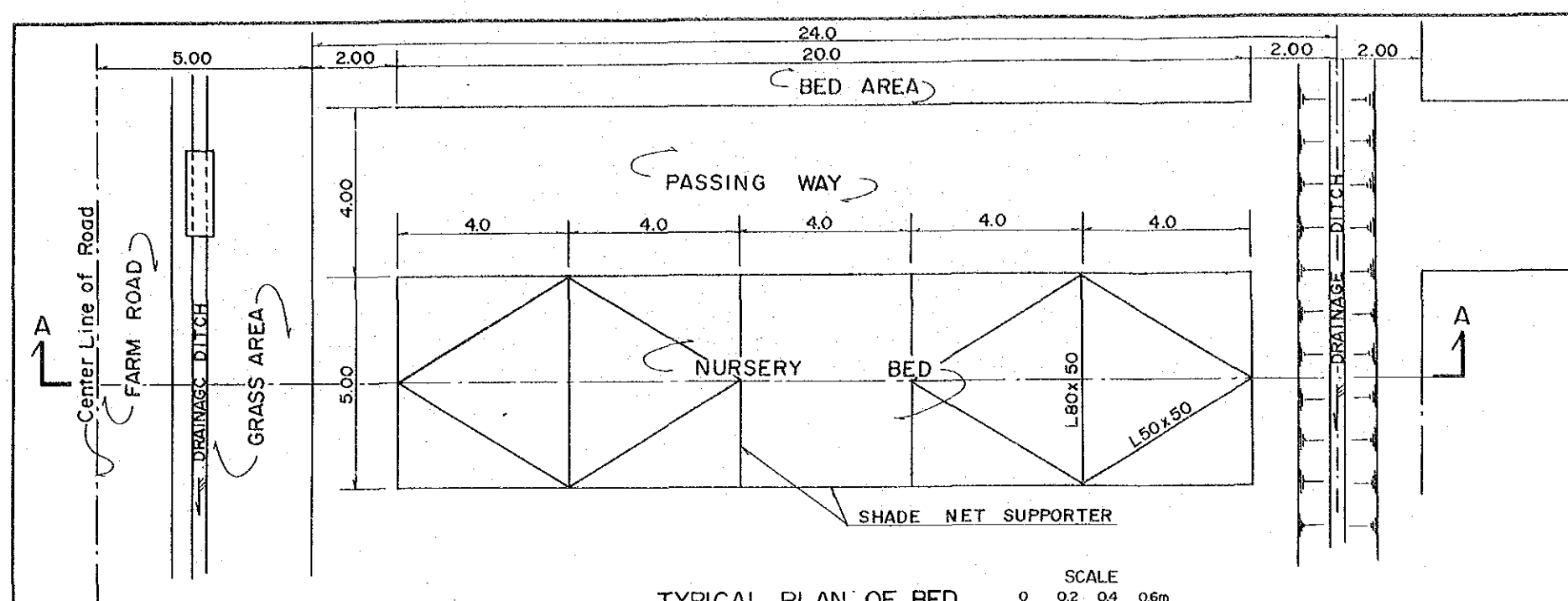
FARM ROAD (TYPE-C)

- Note
- 1) CASE (C-1) will be applied to side road
 - 2) CASE (C-2) will be applied to intermediate road
 - 3) Detail Dimension in same as above section (TYPE-B)

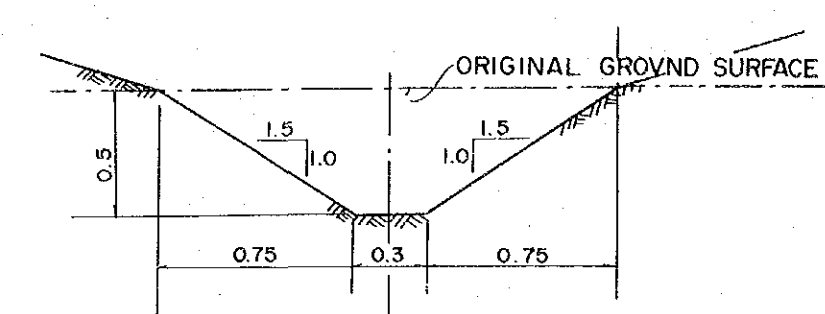


SCALE
0 2m

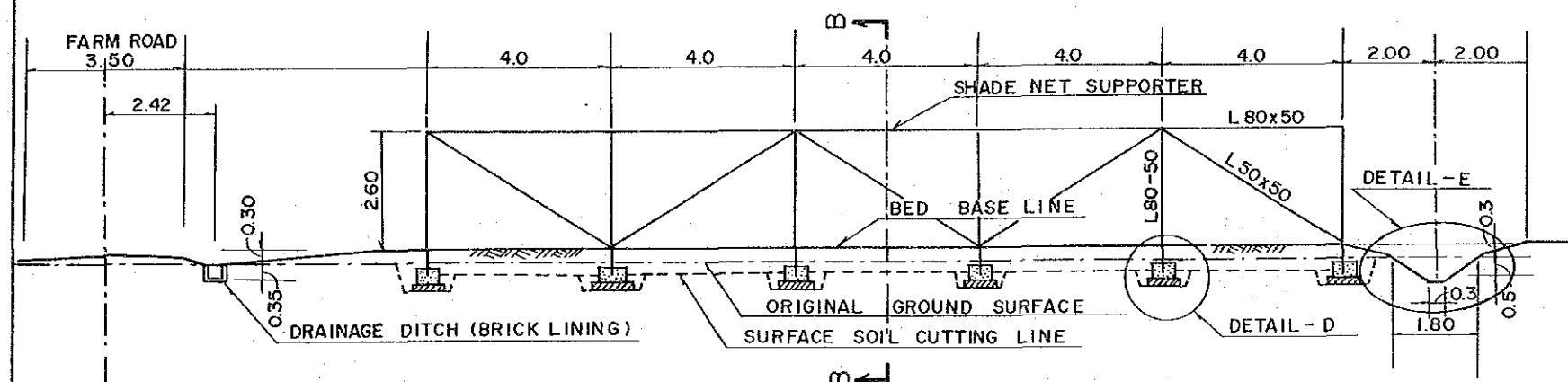
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MINOR EXPORT CROP PROMOTION SCHEME IN WALPITA PLAN OF NURSERY FARM TYPICAL SECTION & STRUCTURE (1/2)			
DATE	Sep, 1987	Drawing No	9
JAPAN INTERNATIONAL COOPERATION AGENCY			



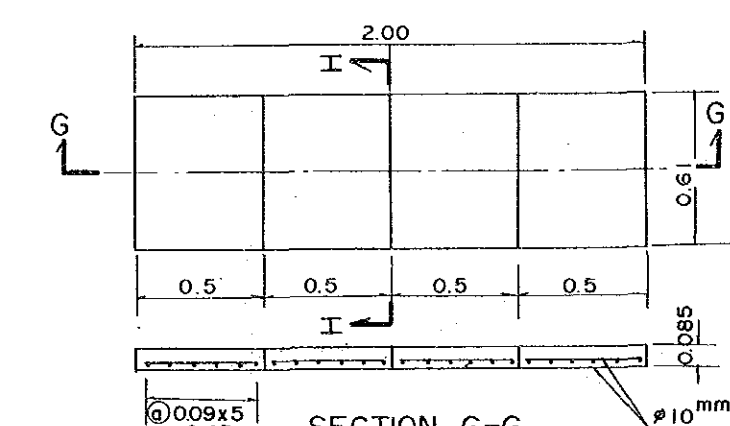
TYPICAL PLAN OF BED



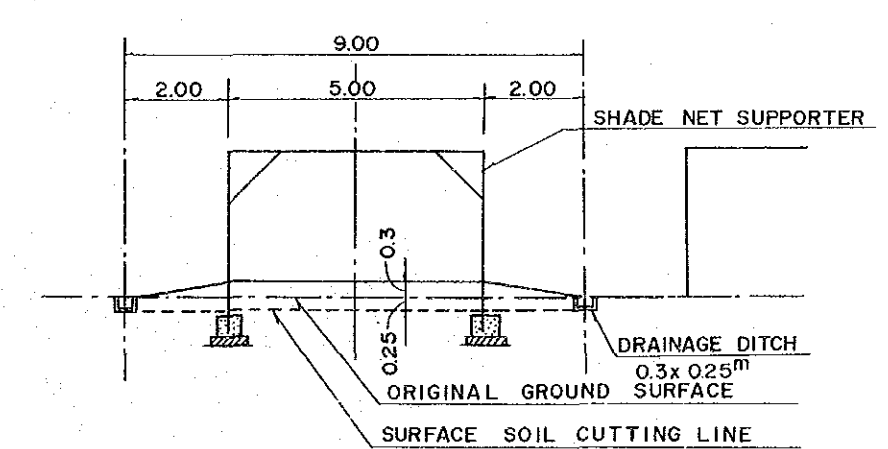
DETAIL - (F)



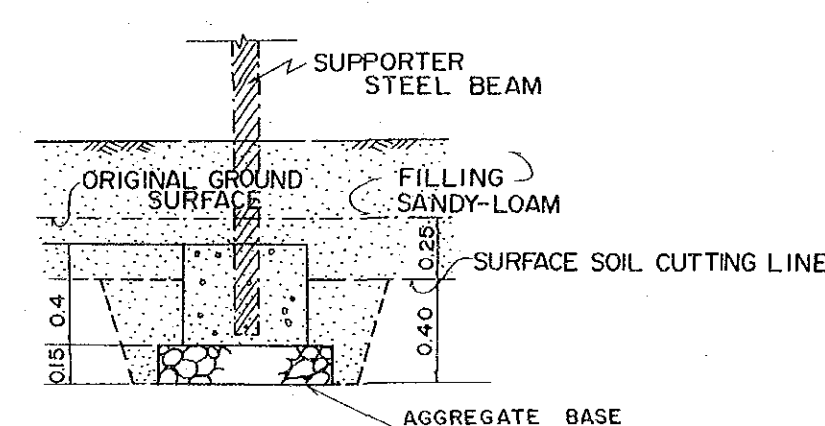
SECTION A-A



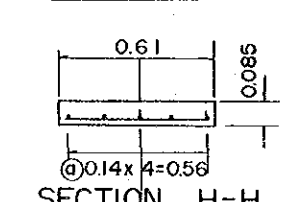
SECTION G-G



SECTION B-B



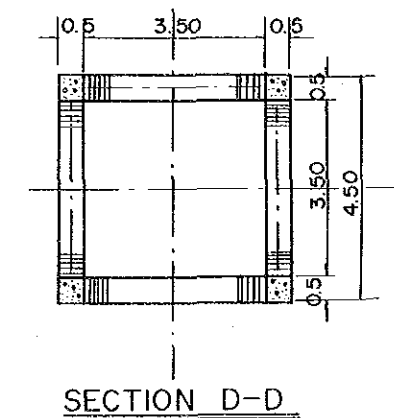
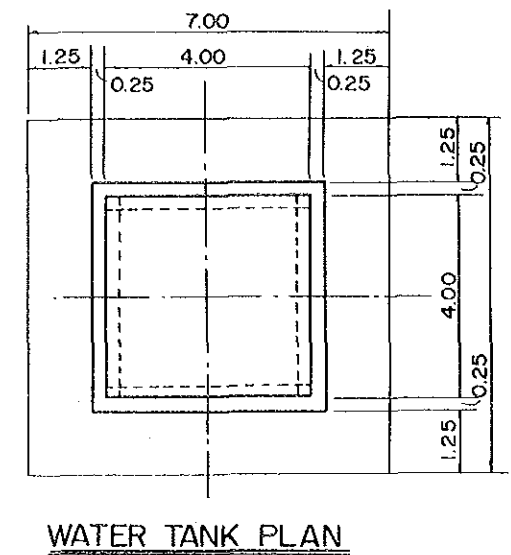
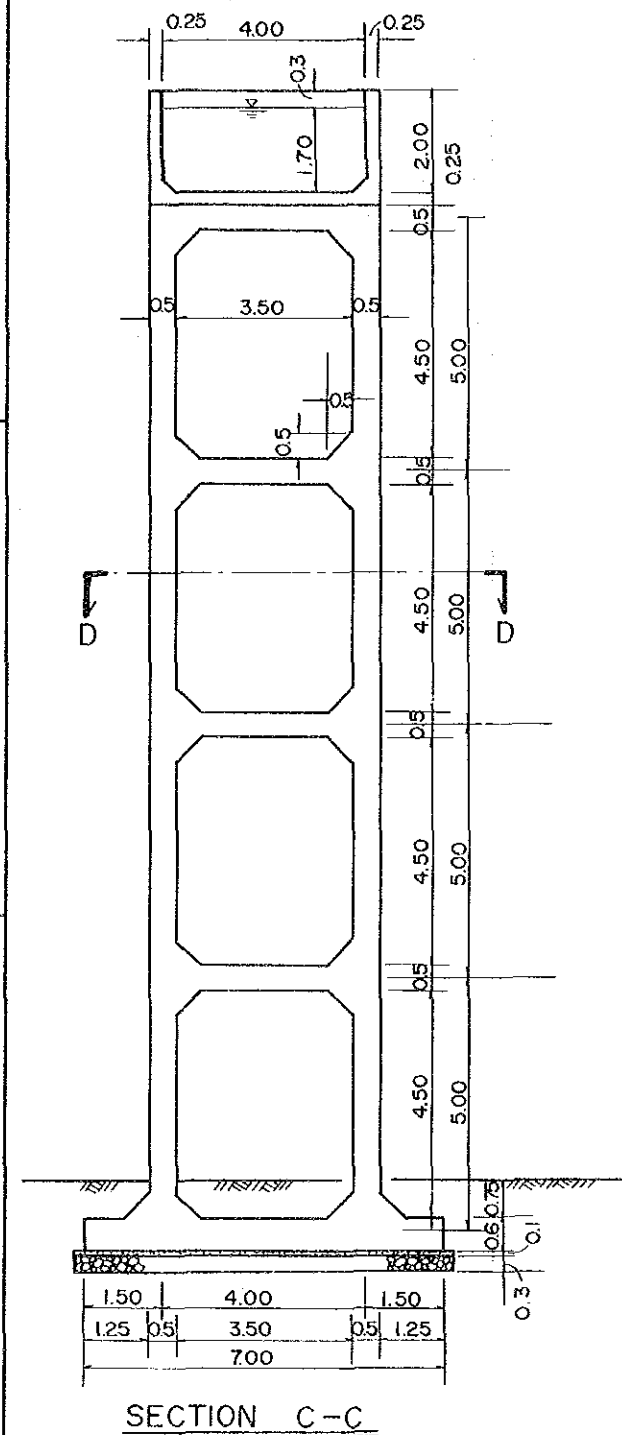
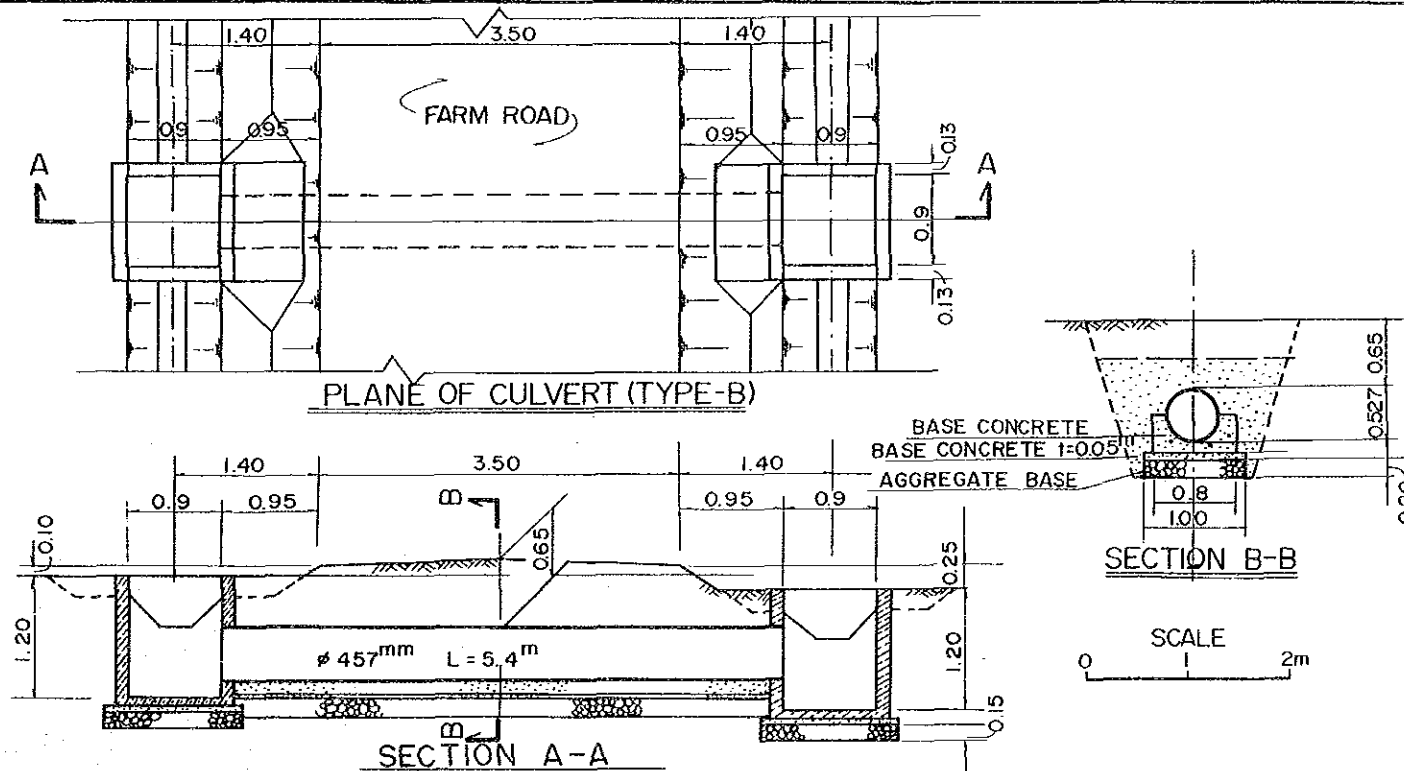
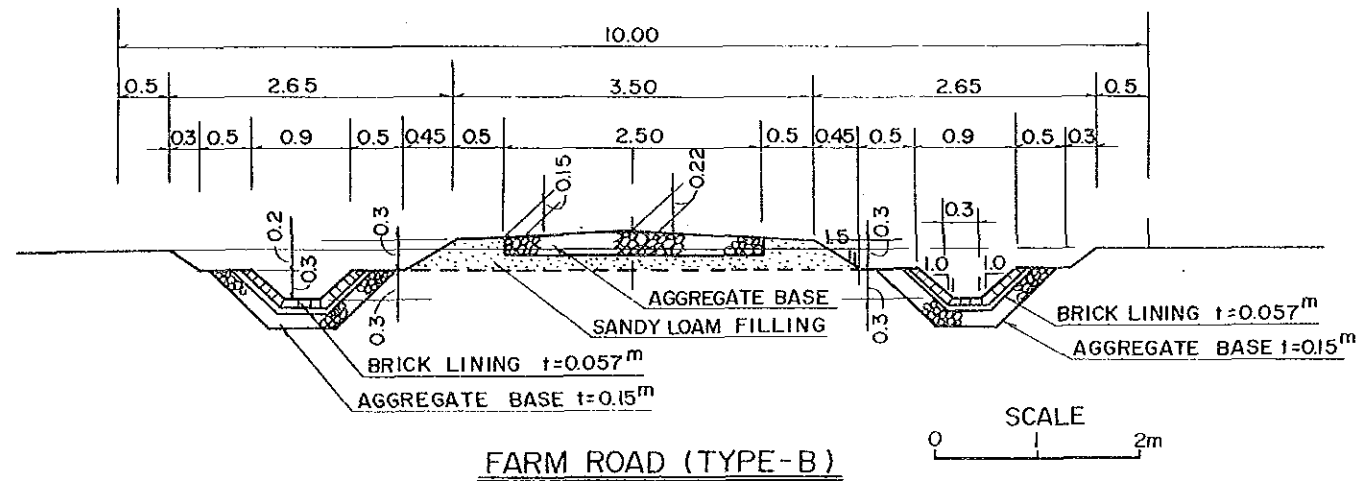
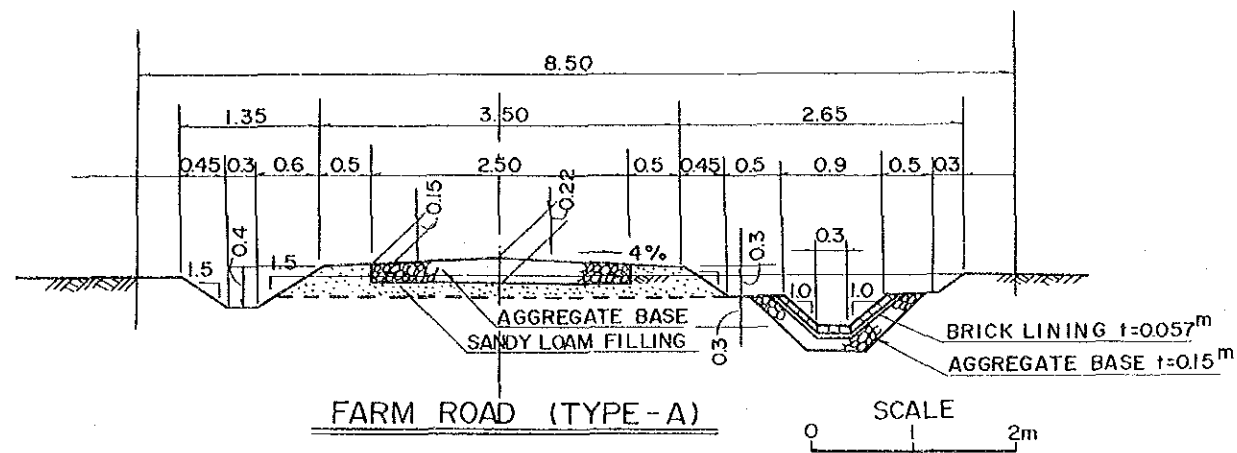
DETAIL - (D)

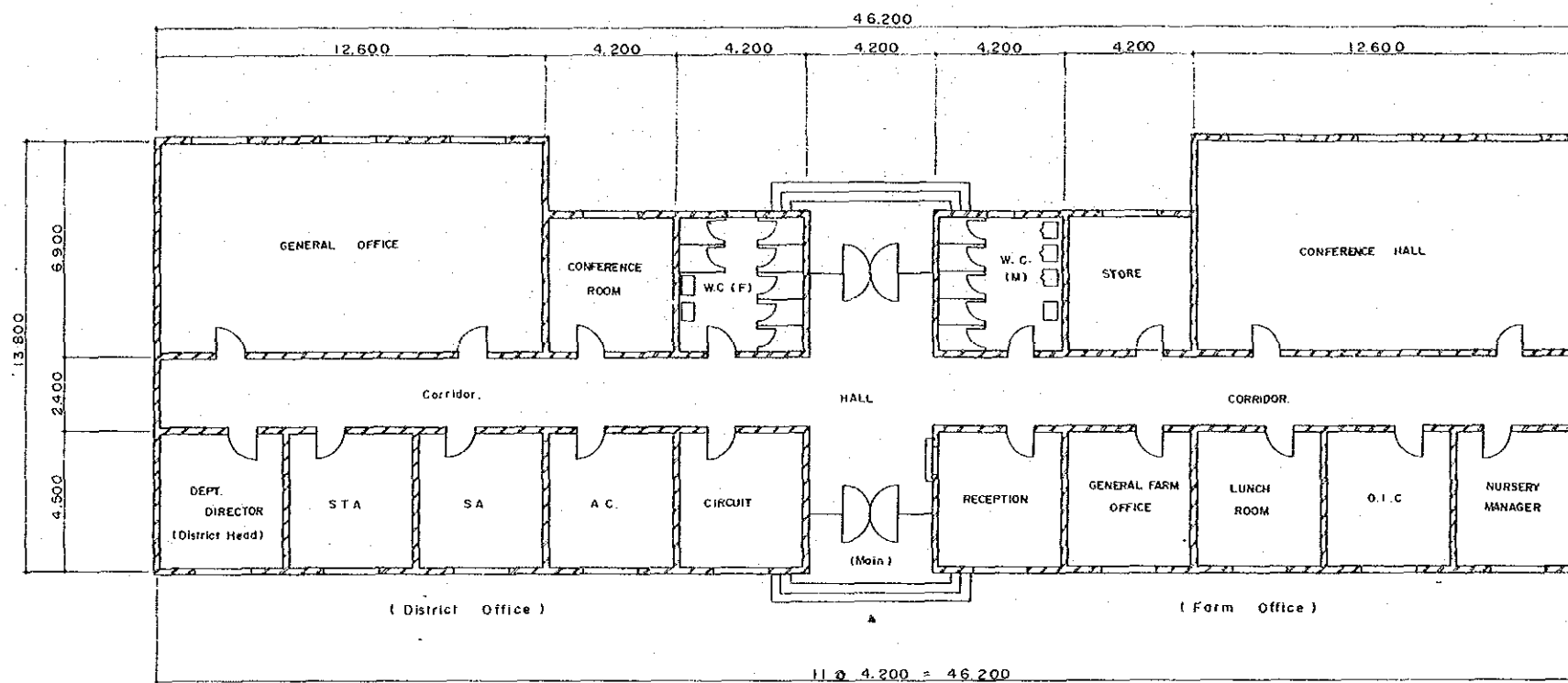


SECTION H-H

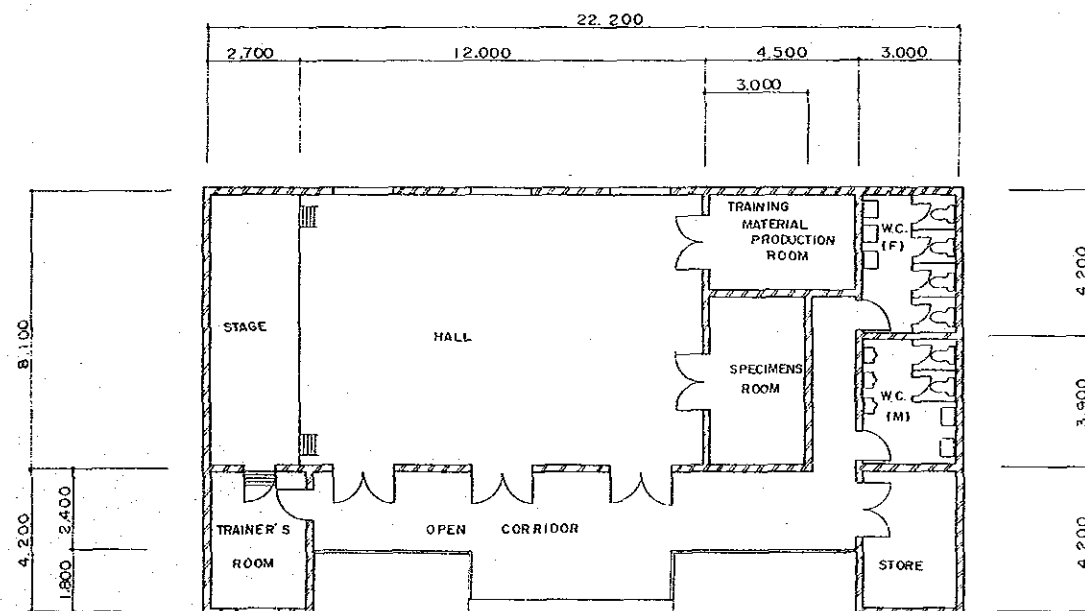
DETAIL OF ENTRANCE SLAB

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MINOR EXPORT CROPS PROMOTION SCHEME IN WALPITA			
PLAN OF NURSERY FARM TYPICAL SECTION & STRUCTURE (2/2)			
DATE	Sep, 1987	Drawing No	10
JAPAN INTERNATIONAL COOPERATION AGENCY			

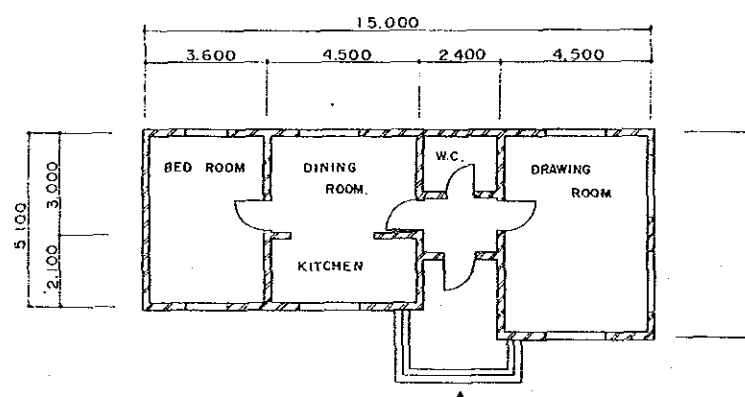




DISTRICT OFFICE & FARM OFFICE



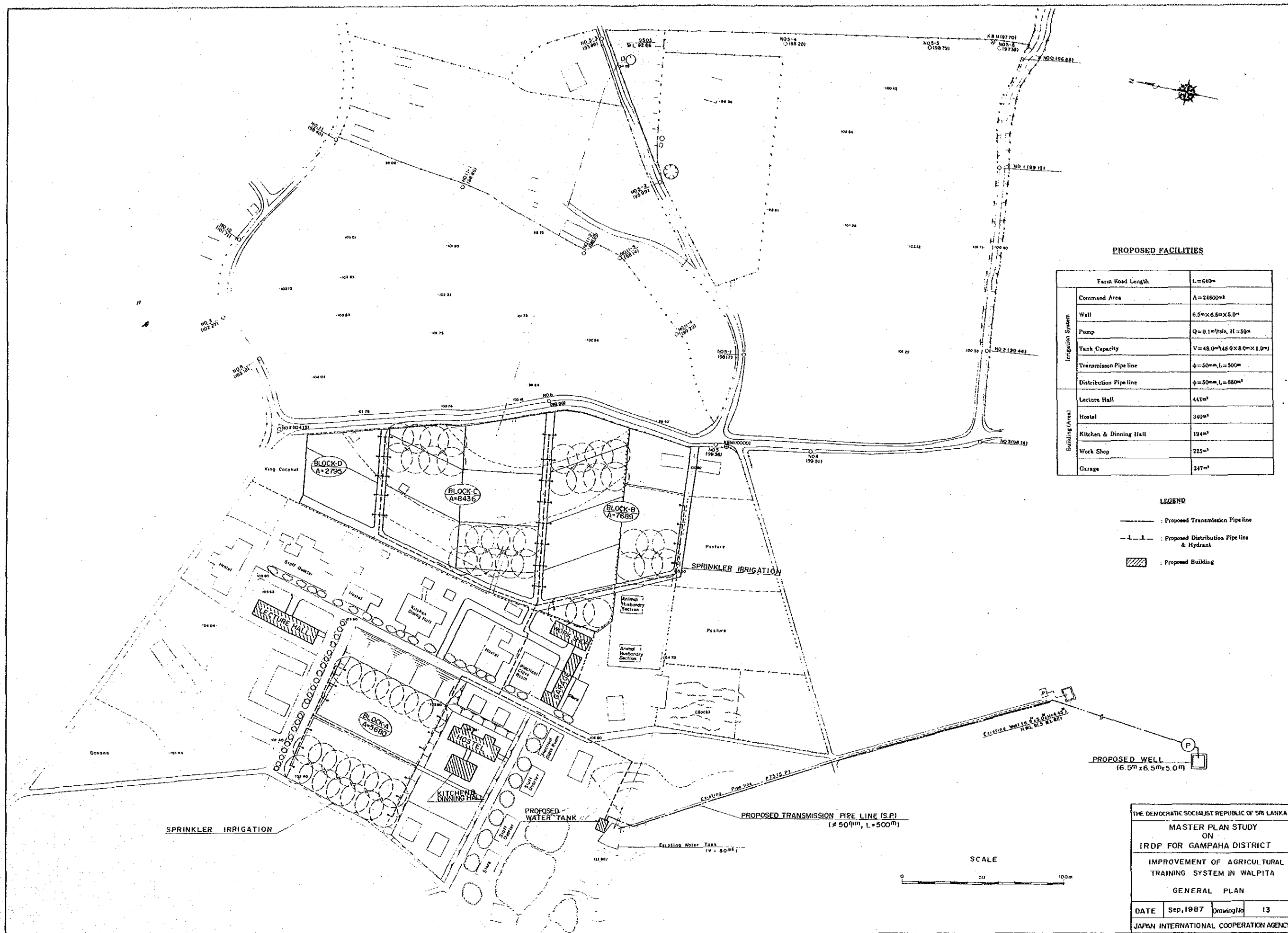
TRAINING HALL

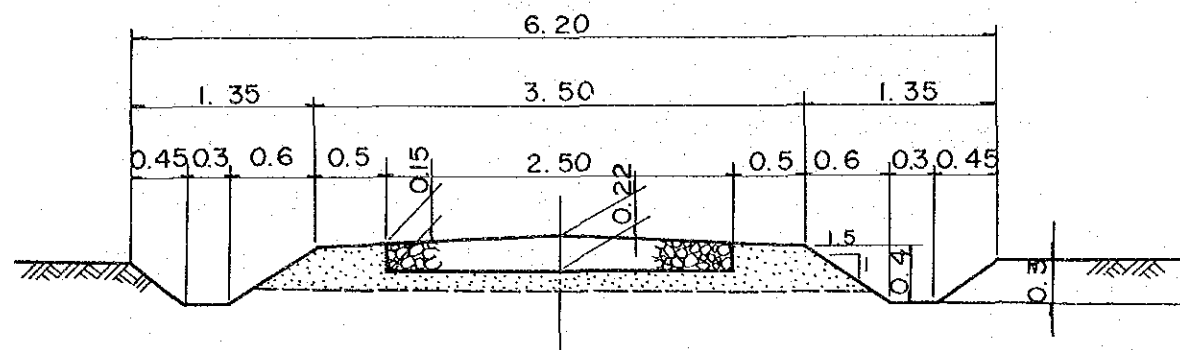


STAFF QUARTER

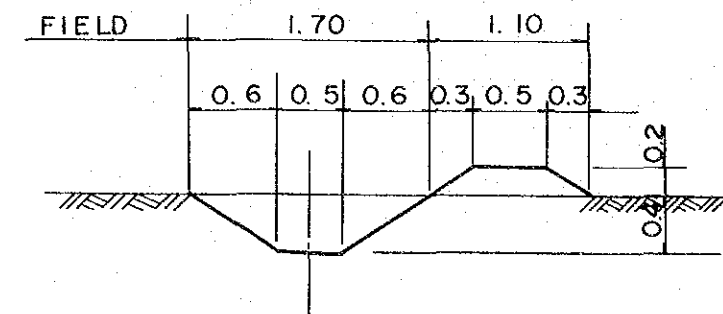
SCALE
0 1 2 3 4 m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRILANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MINOR EXPORT CROSSLIFROMOTION SCHEME PLAN OF BUILDINGS			
DATE	Sep, 1987	Drawing No.	12
JAPAN INTERNATIONAL COOPERATION AGENCY			

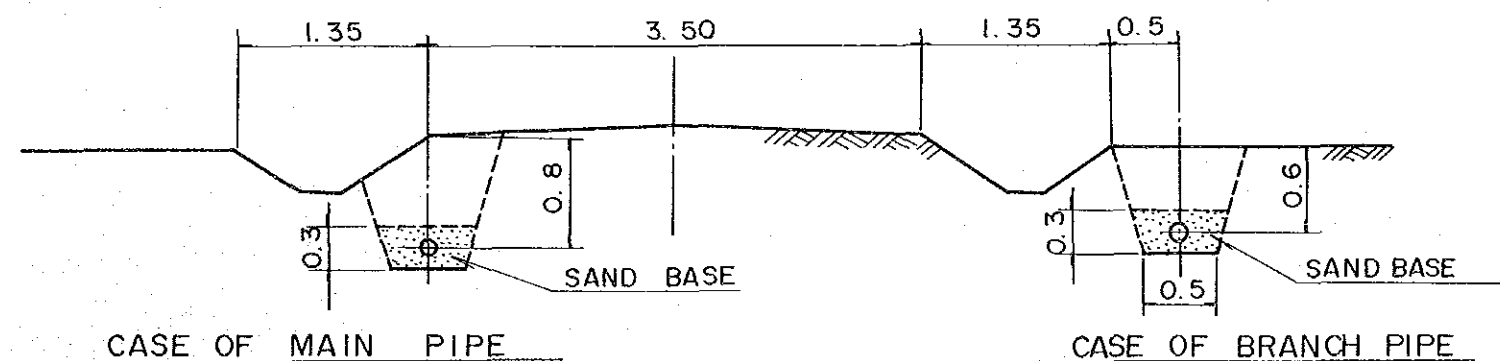




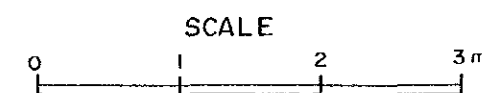
FARM ROAD



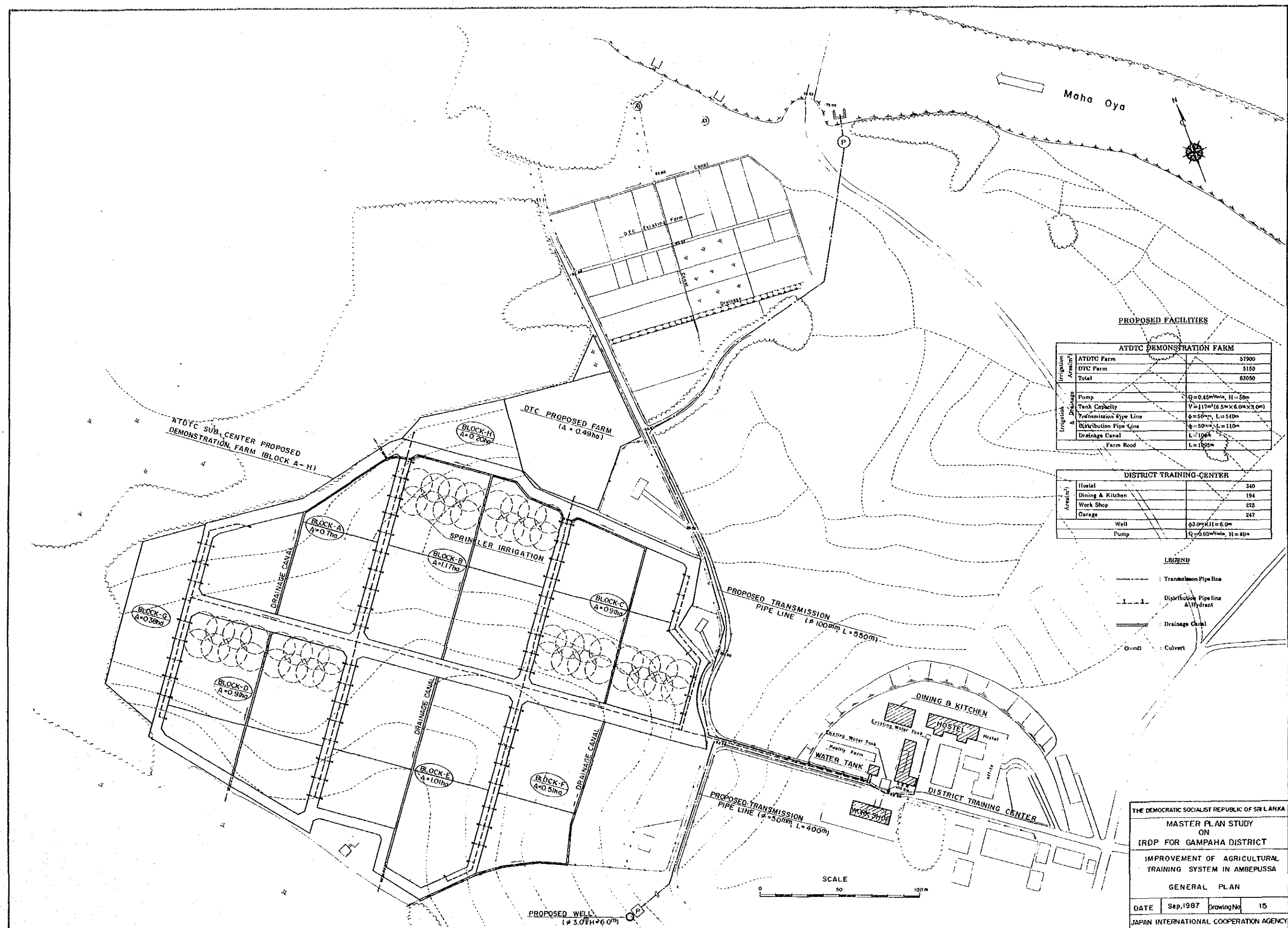
DRAINAGE DITCH

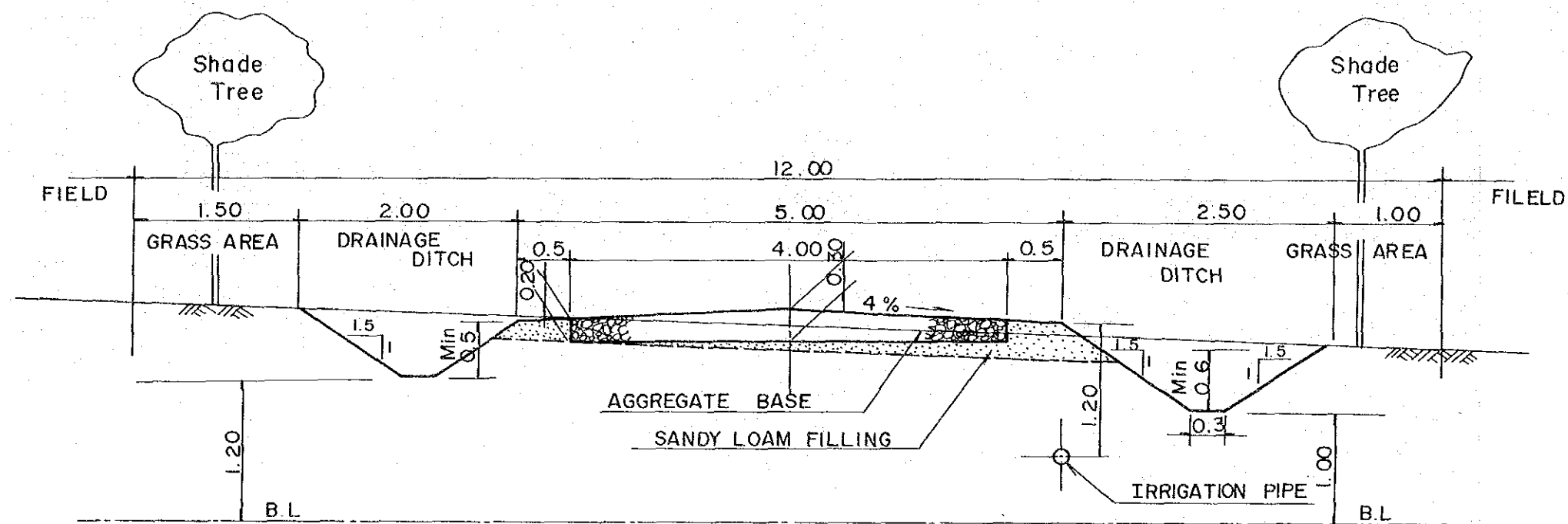


IRRIGATION PIPE LAYING

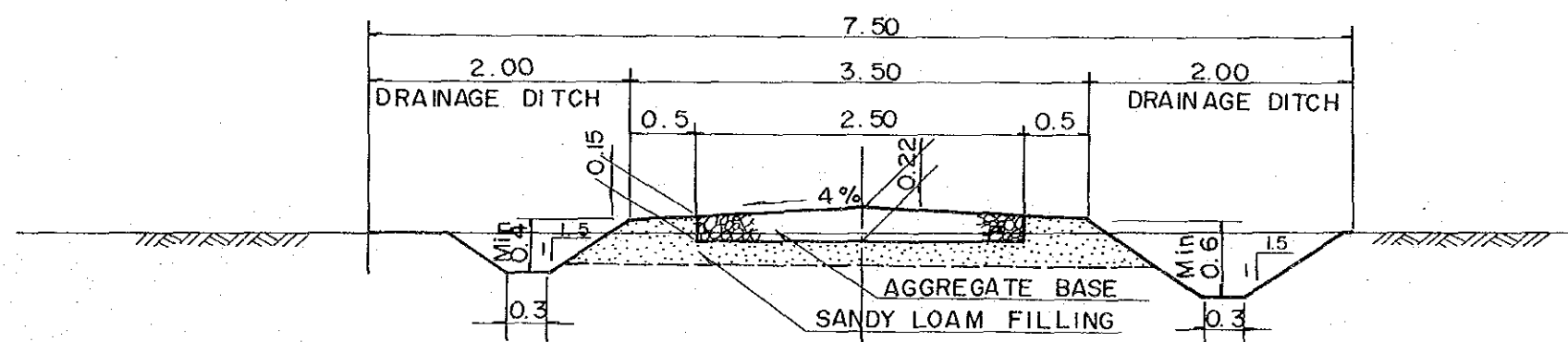


THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
IMPROVEMENT OF AGRICULTURAL TRAINING SYSTEM IN WALPITA TYPICAL SECTION (1/1)			
DATE	Sep, 1987	Drawing No	14
JAPAN INTERNATIONAL COOPERATION AGENCY			

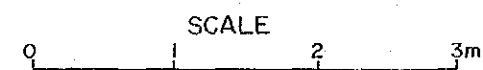




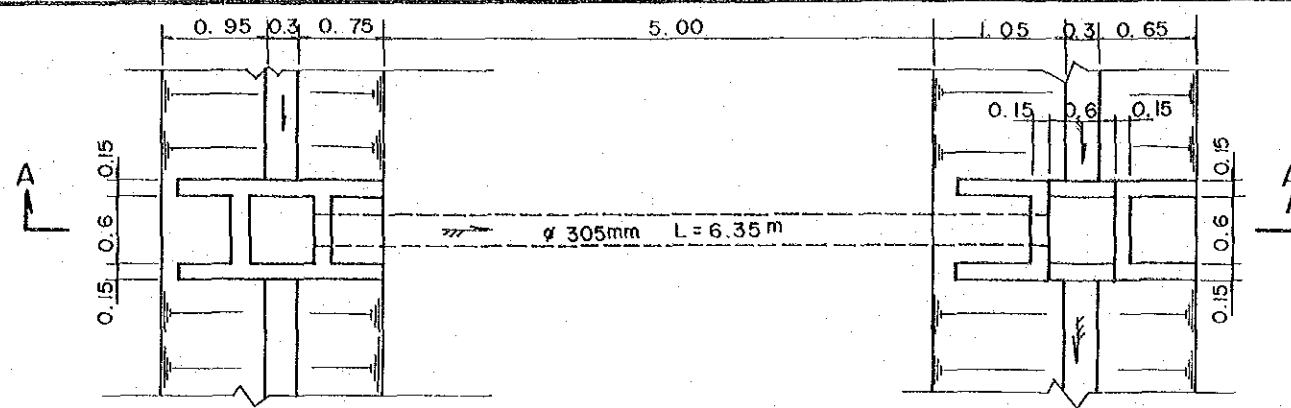
MAIN FARM ROAD



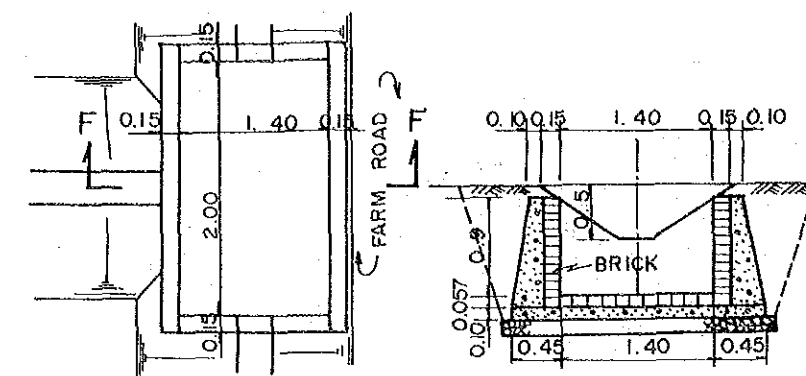
FARM ROAD



THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY			
ON			
IRDP FOR GAMPAHA DISTRICT			
IMPROVEMENT OF AGRICULTURE			
TRAINING SYSTEM IN AMBEPUSSA			
TYPICAL SECTION & STRUCTURE			
(1/2)			
DATE	Sep, 1987	Drawing No	16
JAPAN INTERNATIONAL COOPERATION AGENCY			

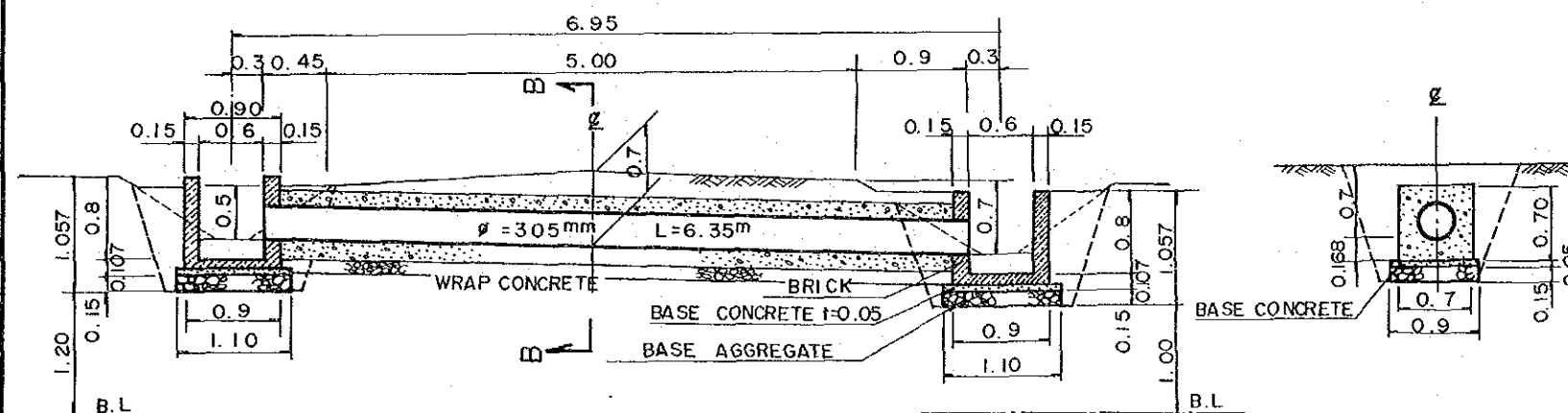


PLANE OF CULVERT (TYPE-A)



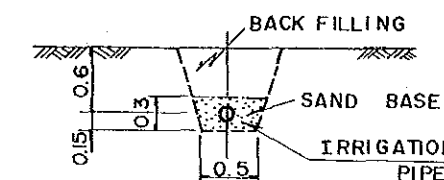
CATCH DRAIN

SECTION F-F

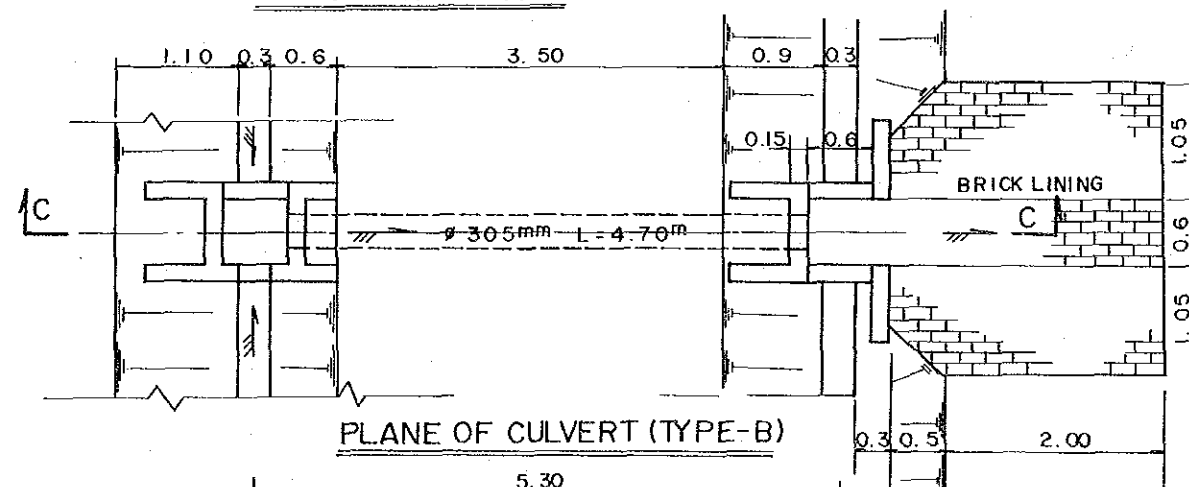


SECTION A-A

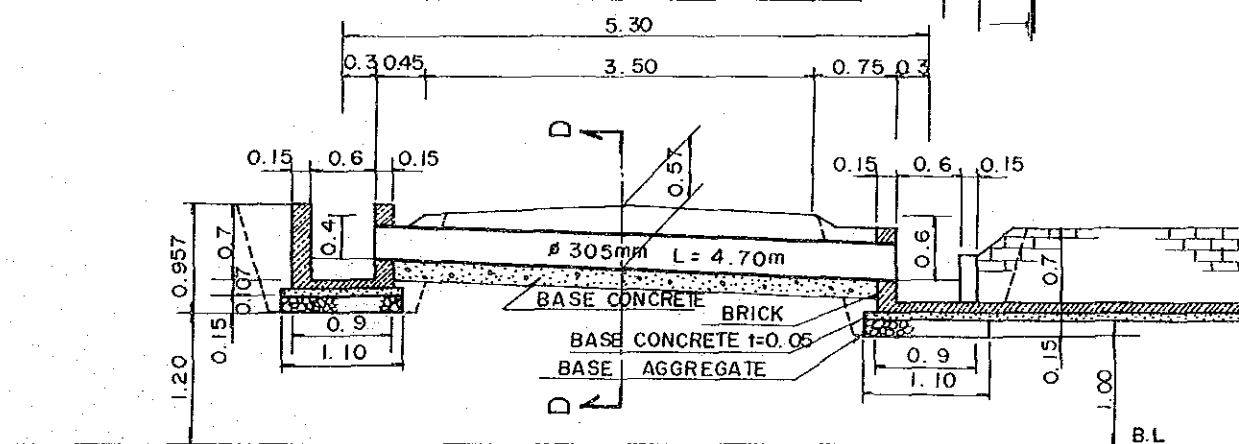
SECTION B-B



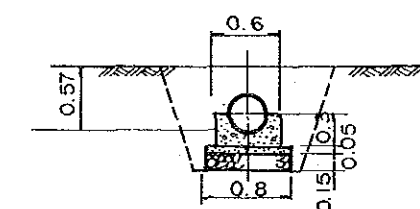
IRRIGATION PIPE LAYING



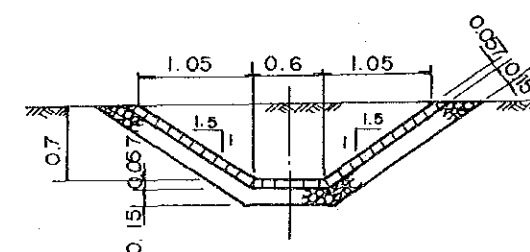
PLANE OF CULVERT (TYPE-B)



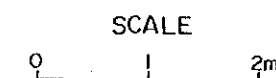
SECTION C-C



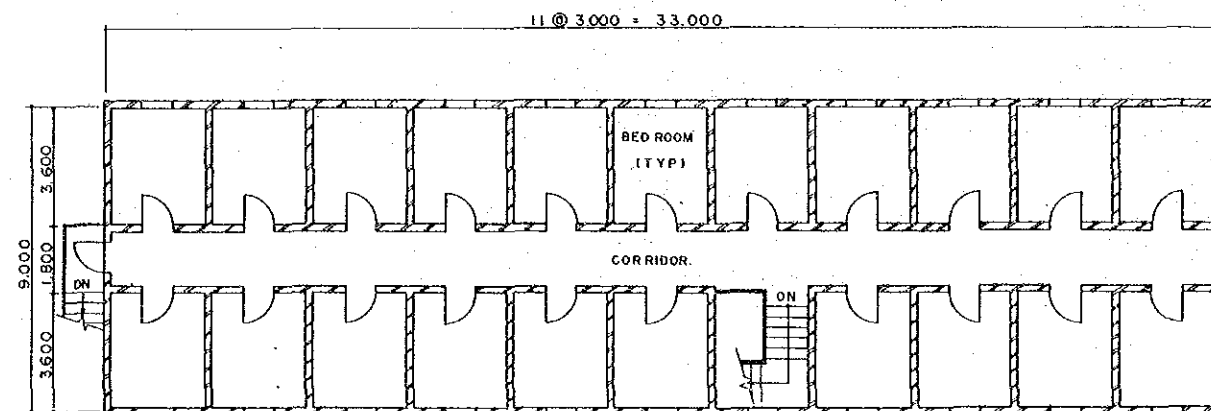
SECTION D-D



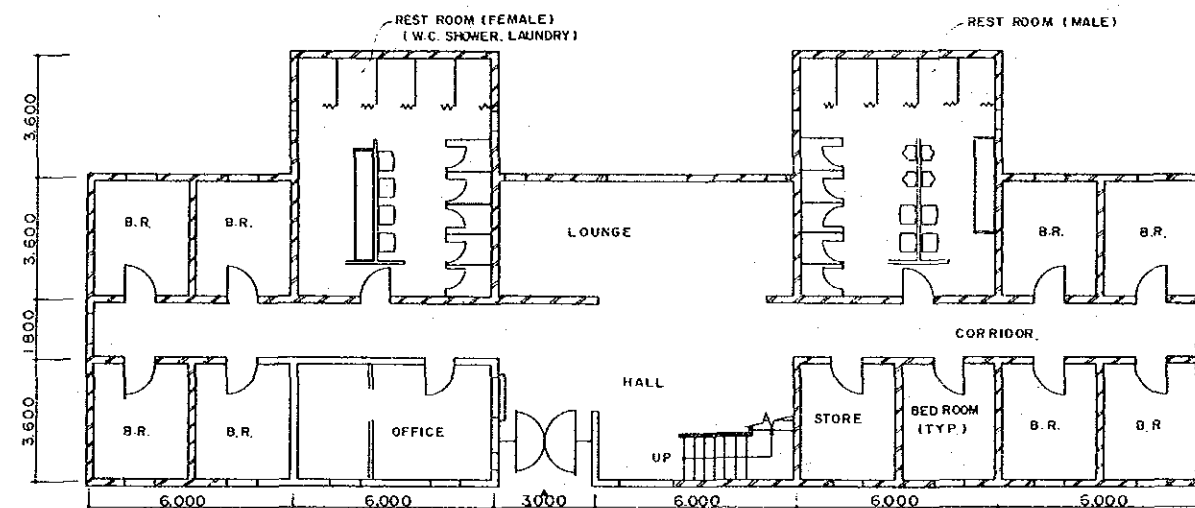
SECTION E-E



THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
IMPROVEMENT OF AGRICULTURE TRAINING SYSTEM IN AMBEPUSSA STRUCTURE (2/2)			
DATE	Sep, 1987	Drawing No.	17
JAPAN INTERNATIONAL COOPERATION AGENCY			

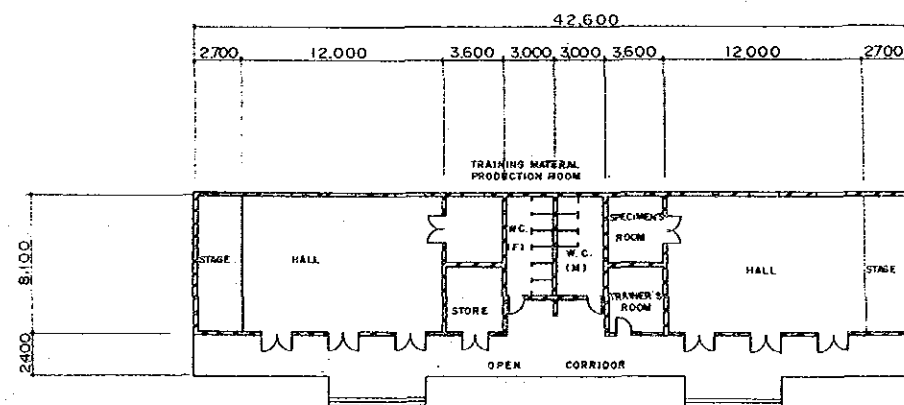
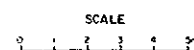


FIRST FLOOR

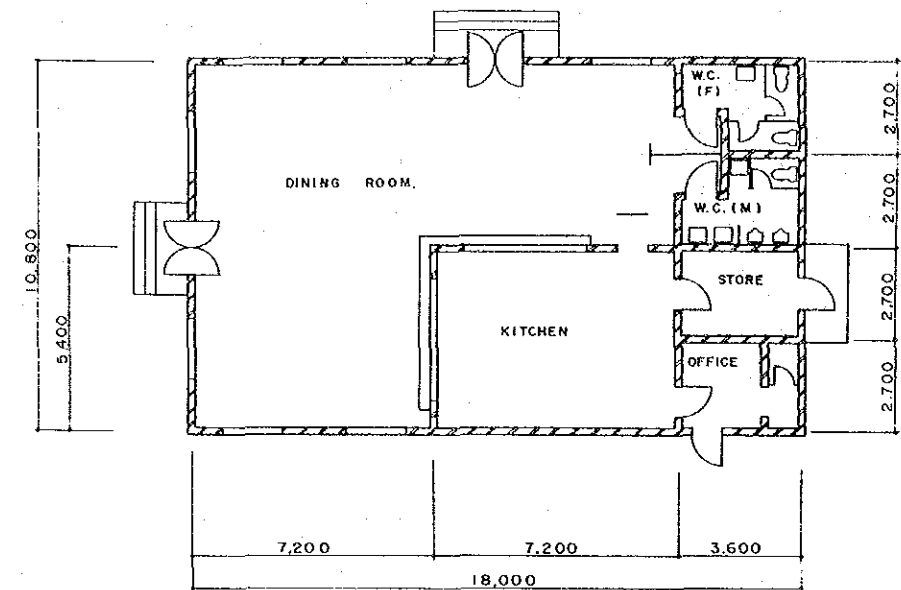
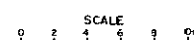


GROUND FLOOR

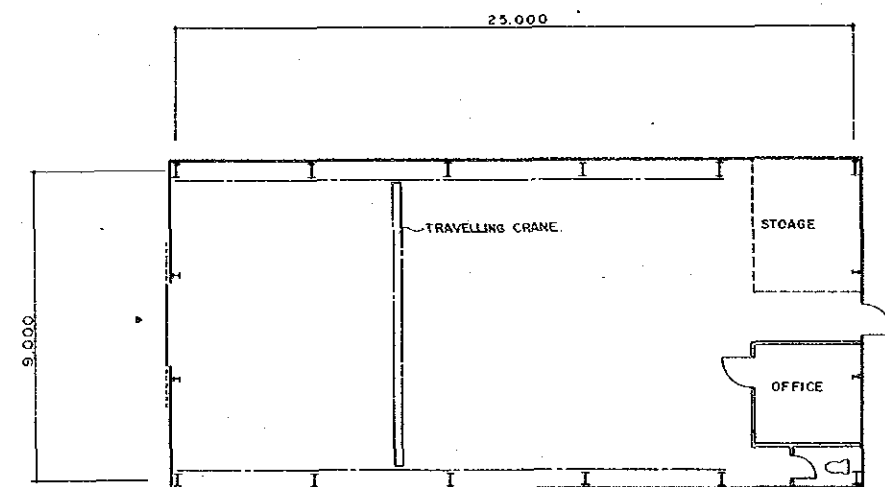
HOSTEL (60 Persons)



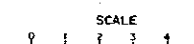
LECTURE HALL



DINING & KITCHEN



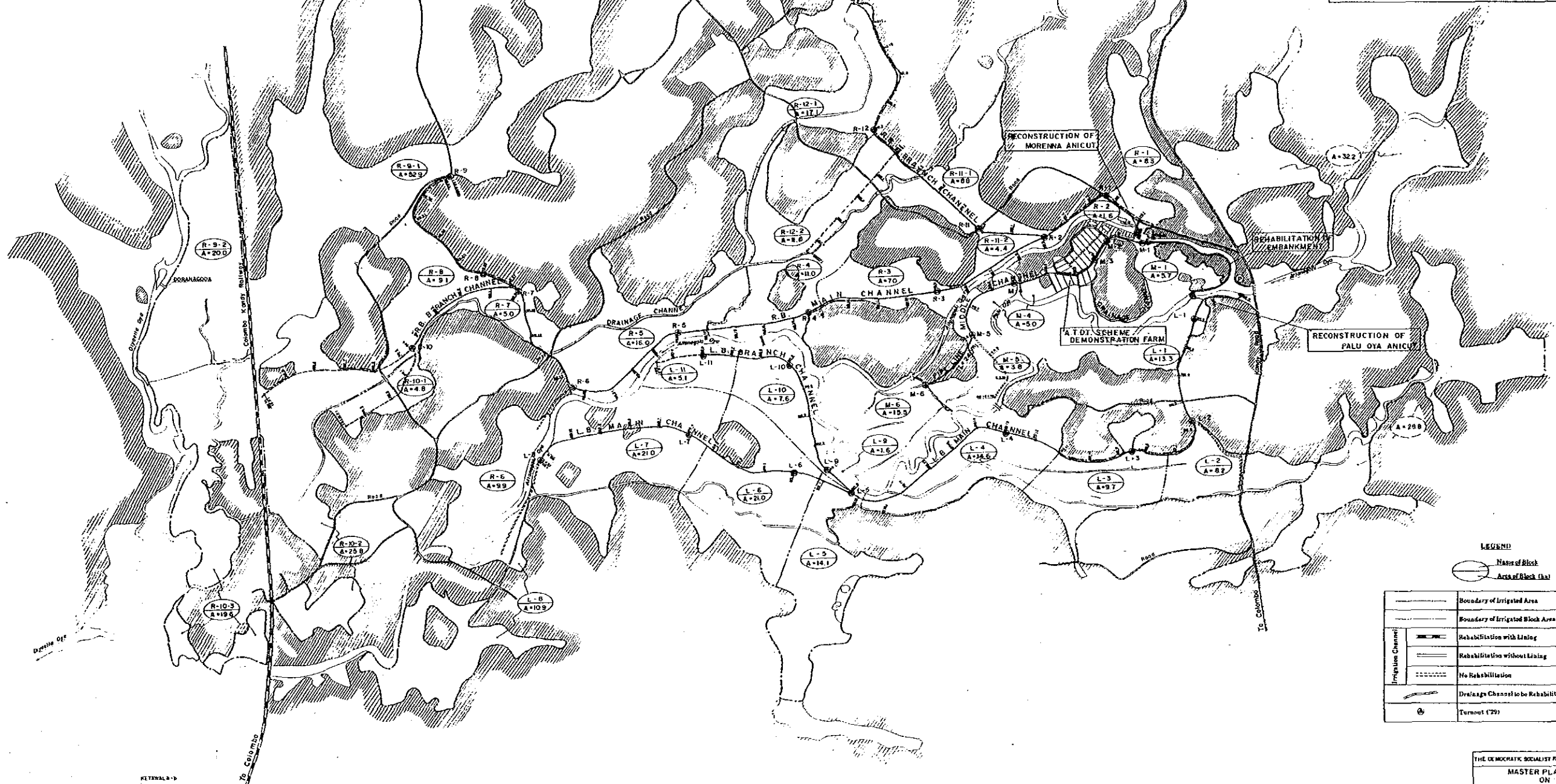
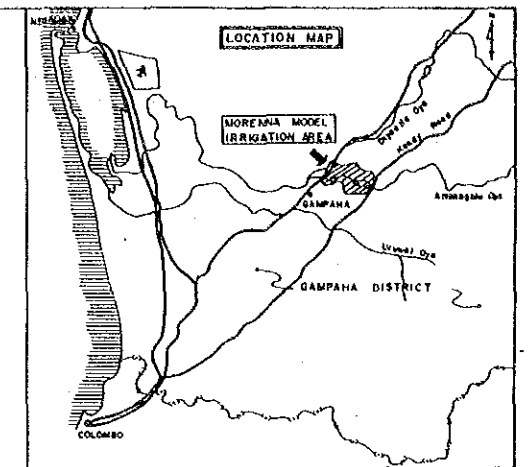
WORKSHOP



THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDPA FOR GAMPAHA DISTRICT			
IMPROVEMENT OF AGRICULTURAL TRAINING SYSTEM PLAN OF BUILDINGS			
DATE	Sep. 1987	Drawing No.	18
JAPAN INTERNATIONAL COOPERATION AGENCY			

MORENNA MODEL IRRIGATION SCHEME

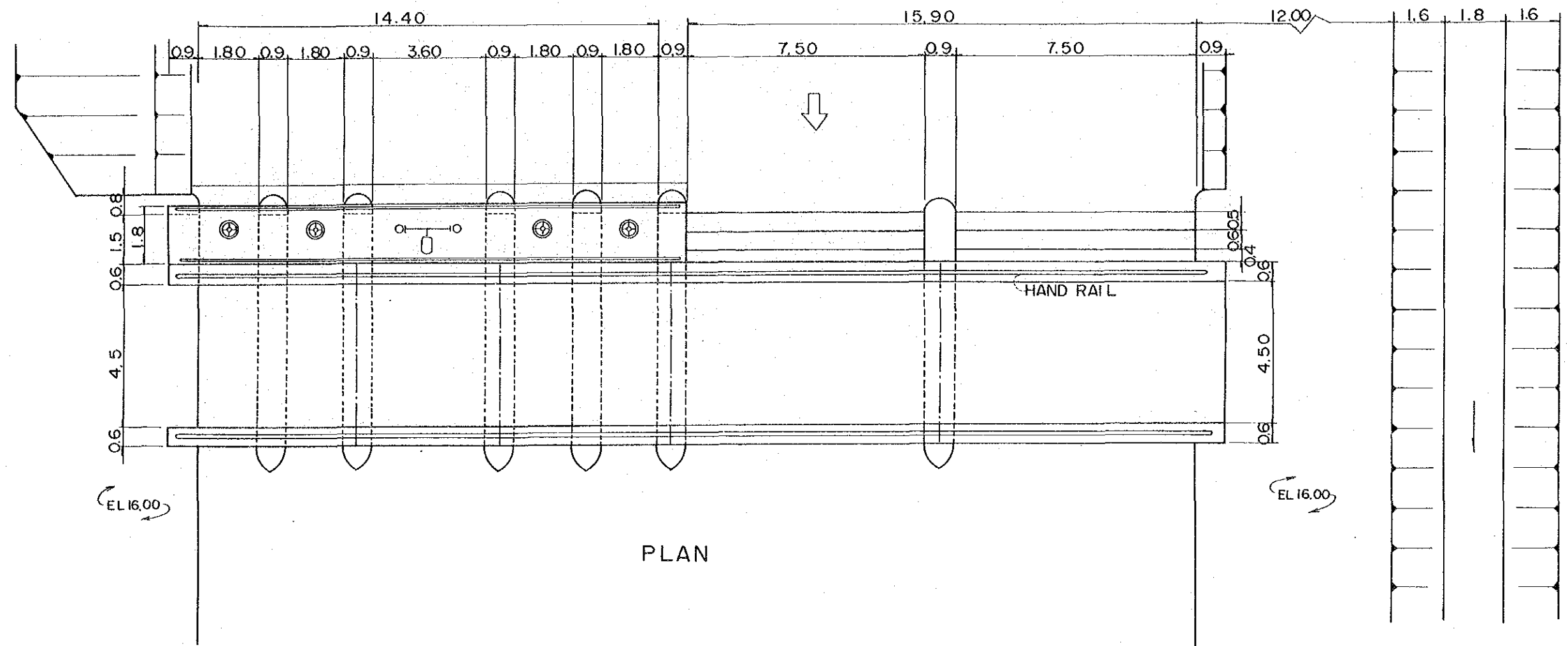
PROPOSED REHABILITATION WORKS						
WORKS			REMARKS			
ANICUTS (Reconstruction)			MORENNA, PALU OYA (2 Anicuts) (Including Embankment: Length in 100m)			
DRAINAGE CHANNELS	ANICUT	BANK	Designated Length (m)		Original Length (m)	
			Main	Branch		
	MORENNA	R.B.	Main	3,678.9	803.9	4,482.8
			Branch	196.9	94.9	
		MIDDLE	Main	800.9		800.9
			Branch	244.9		
	PALU OYA	L.B.	Main	1,834.9	1,234.9	3,069.8
			Branch		800.9	
		Total		8,348.6	3,042.1	11,390.7
		DRAINAGE CHANNELS			Length = 2,440m (1900m + 540m)	



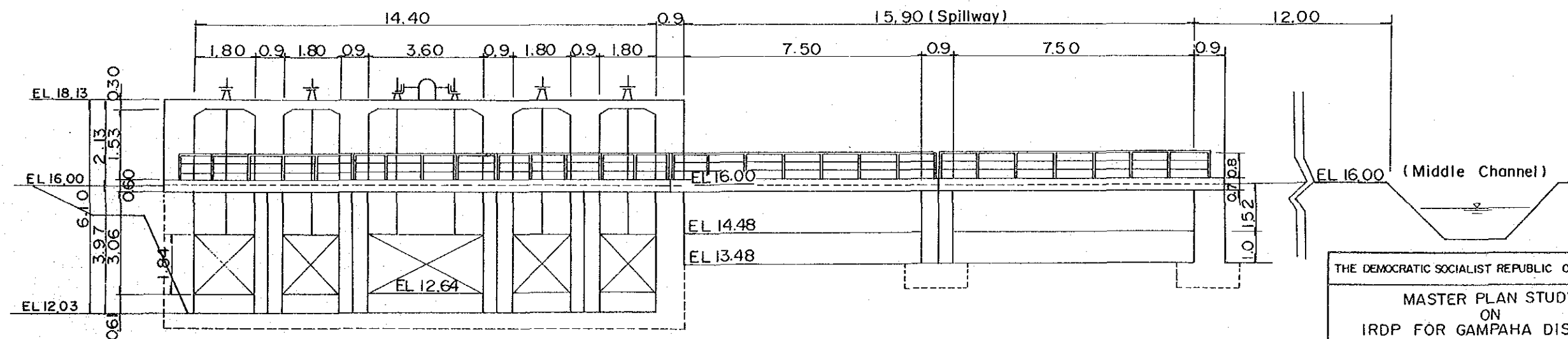
LEGEND	
	Block Number and Area (ha)
	Boundary of Irrigated Area
	Boundary of Irrigated Block Area
	Rehabilitation with Lining
	Rehabilitation without Lining
	No Rehabilitation
	Drainage Channel to be Rehabilitated
	Turnout (75%)

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
 MASTER PLAN STUDY
 ON
 IRRIGATION FOR GAMPAHA DISTRICT
 MORENNA MODEL IRRIGATION SCHEME
 GENERAL PLAN
 DATE 28.10.1987 DRAWN BY 19
 JAPAN INTERNATIONAL COOPERATION AGENCY





PLAN



FRONT

SCALE
0 2 4m

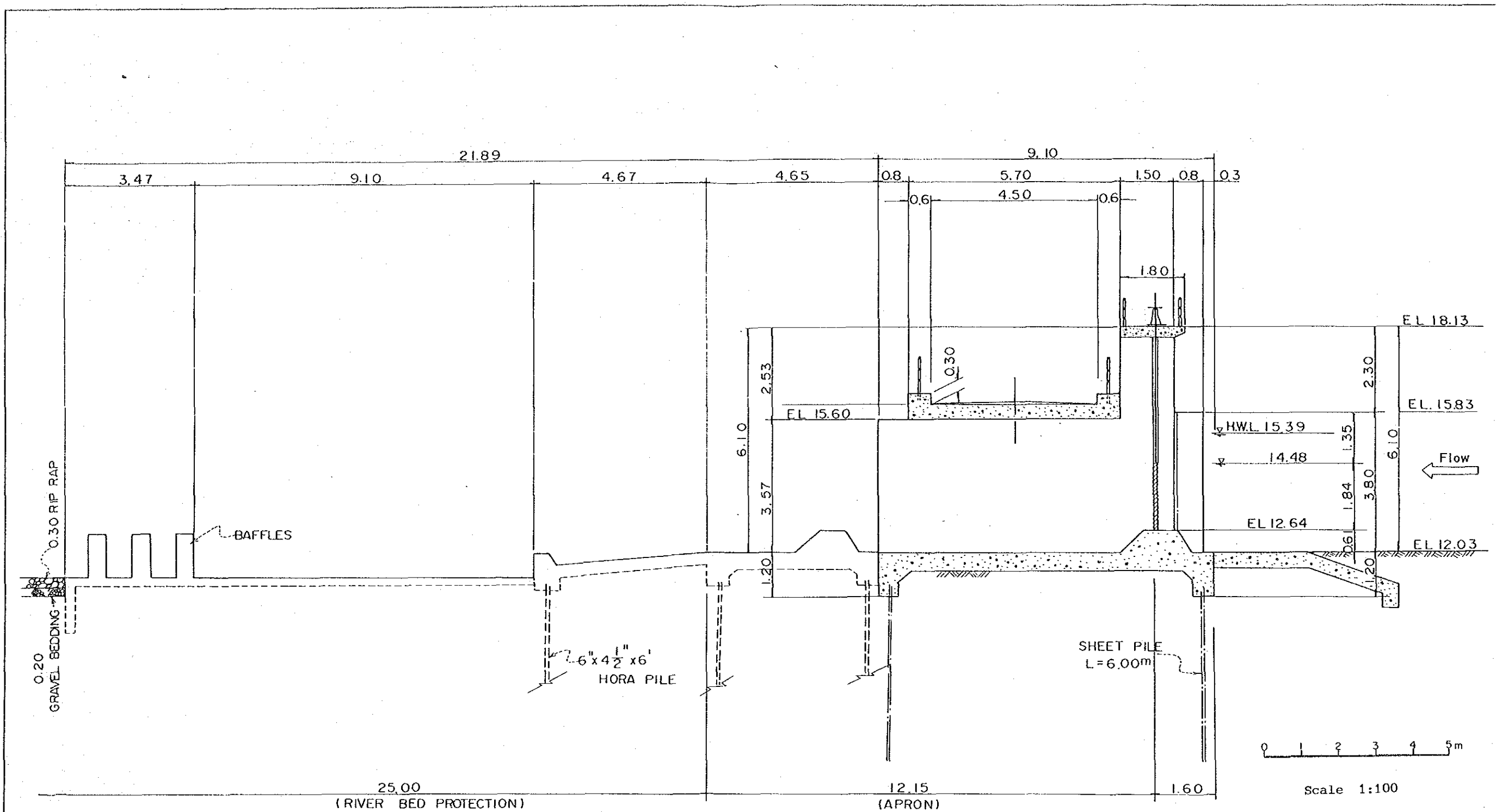
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRILANKA

MASTER PLAN STUDY
ON
IRDP FOR GAMPAHA DISTRICT

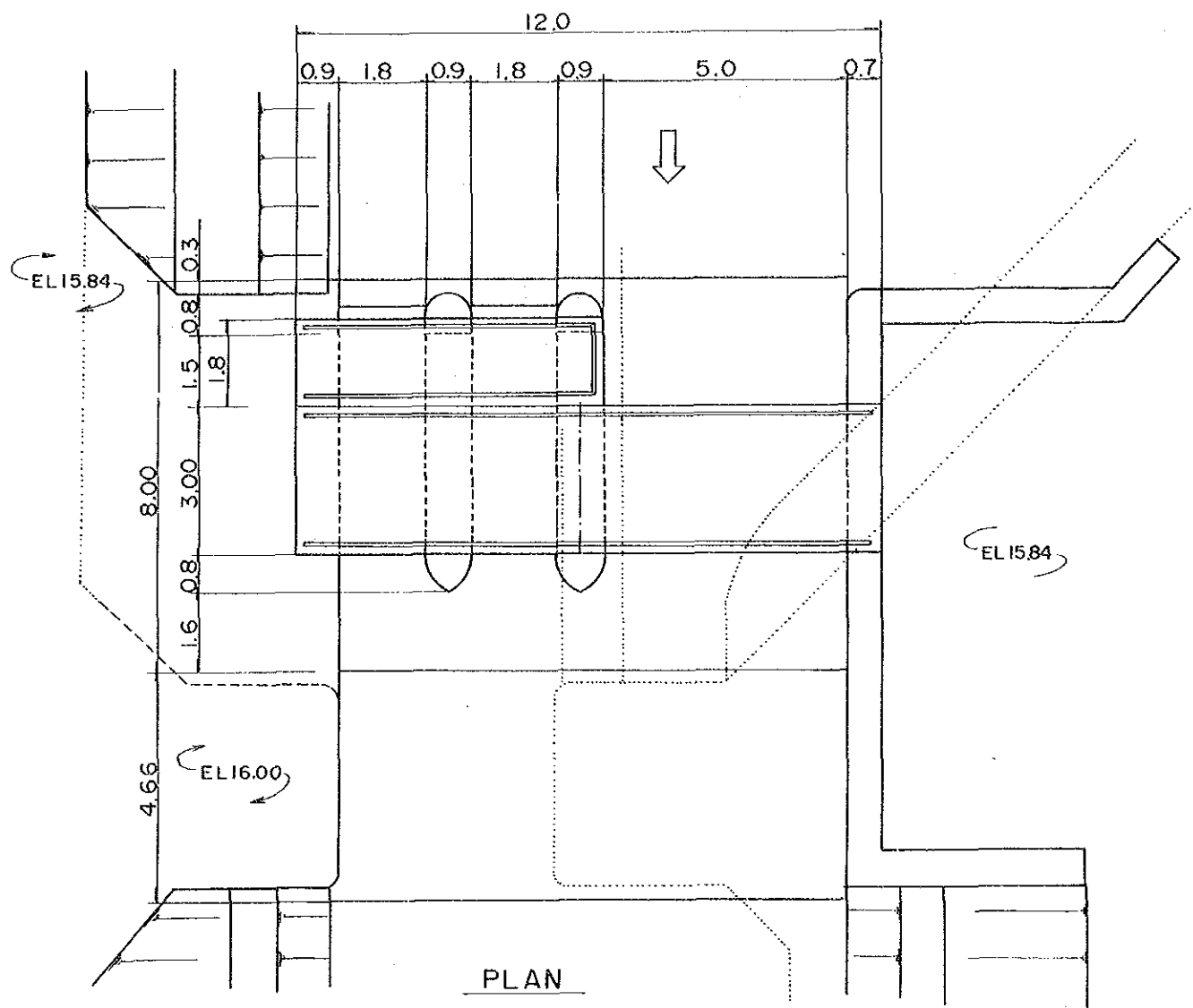
MORENNA MODEL IRRIGATION
MORENNA ANICUT (1/2)

DATE Sep, 1987 Drawing No 20

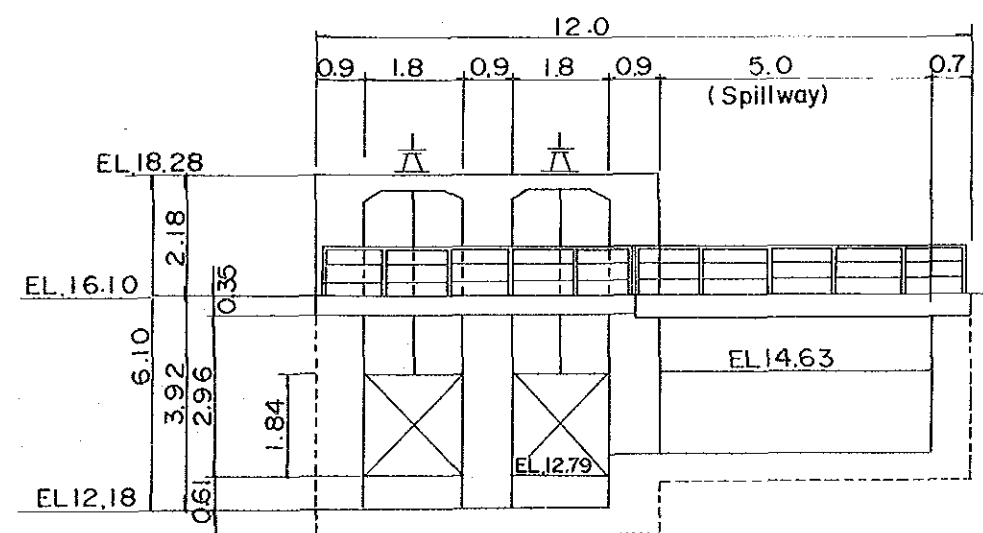
JAPAN INTERNATIONAL COOPERATION AGENCY



THE DEMOCRATIC SOCIALIST REPUBLIC OF SRILANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MORENNA MODEL IRRIGATION MORENNA ANICUT (2/2)			
DATE	Sep, 1987	Drawing No	21
JAPAN INTERNATIONAL COOPERATION AGENCY			

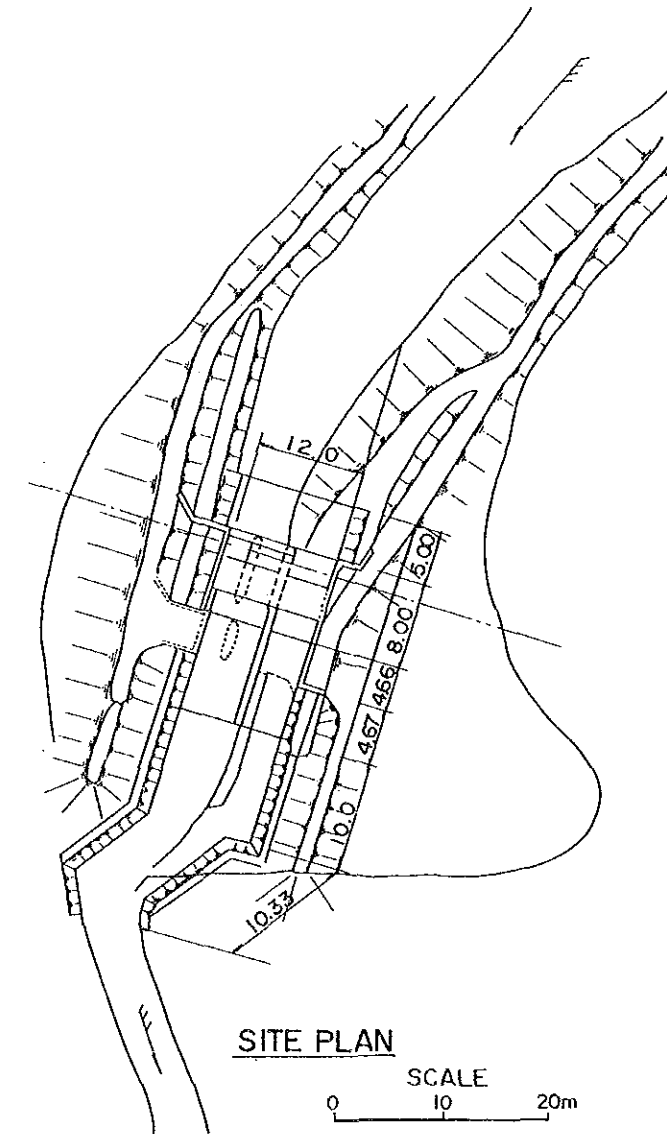


PLAN



FRONT

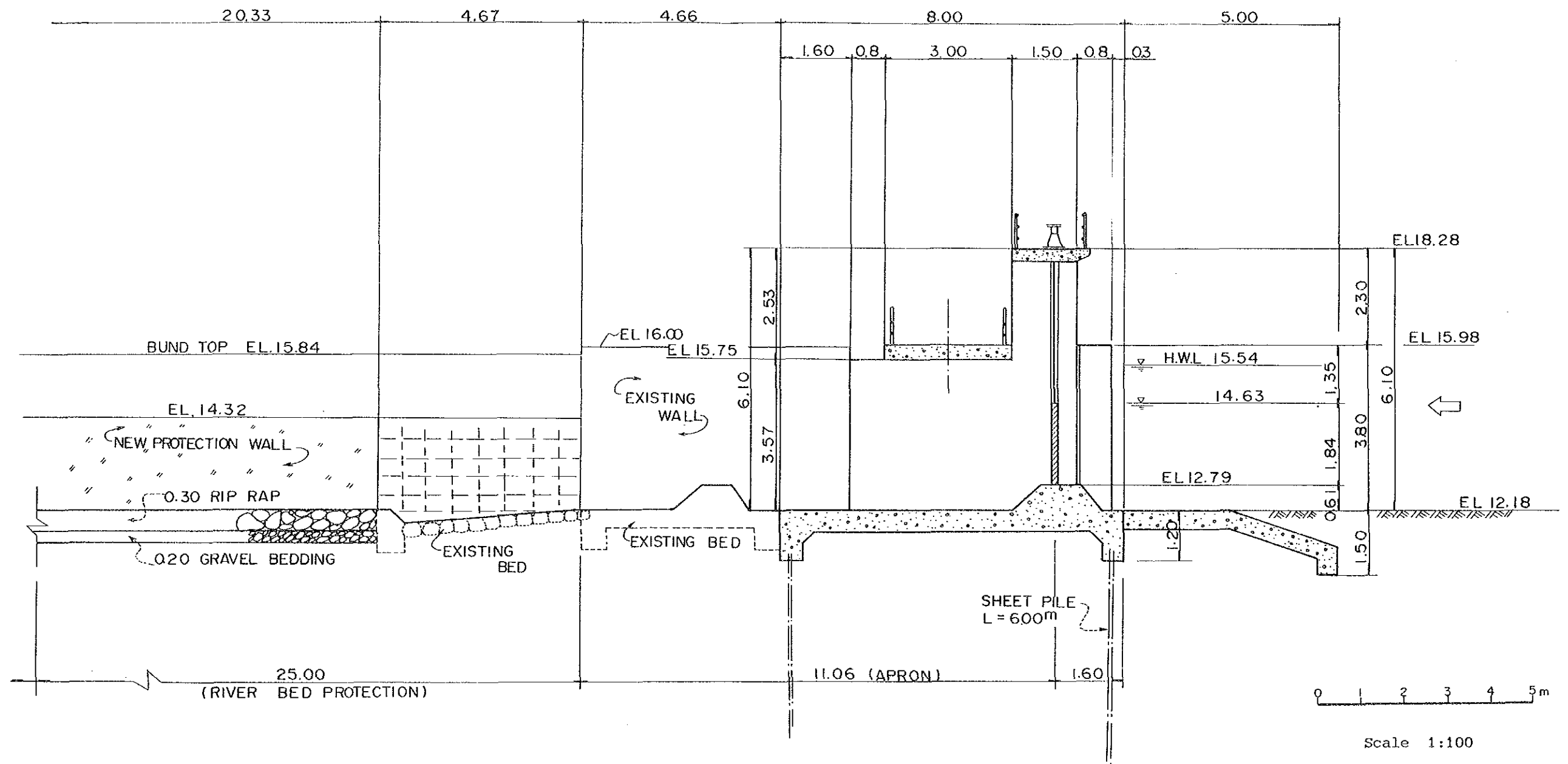
SCALE
0 1 2 3 4m



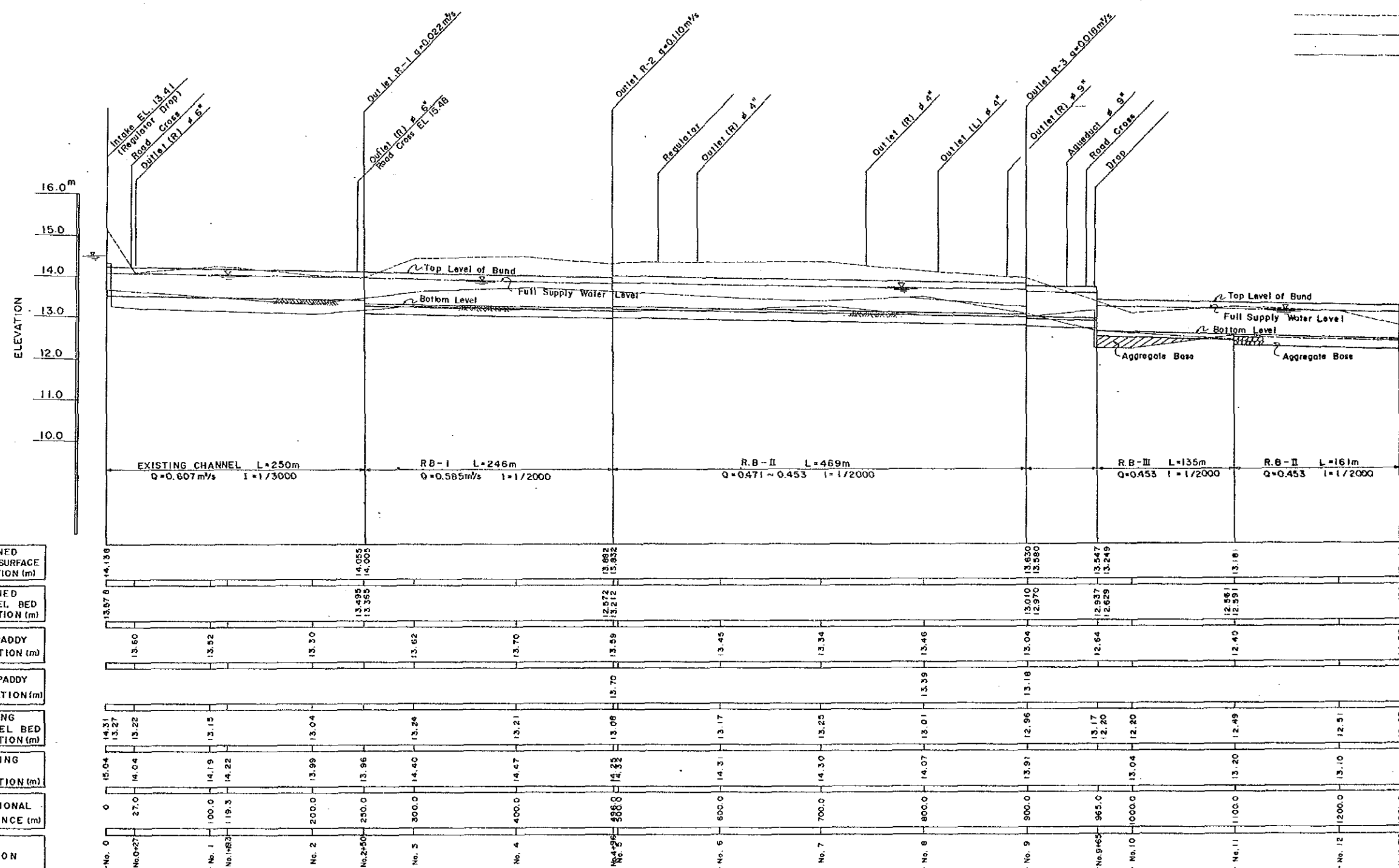
SITE PLAN

SCALE
0 10 20m

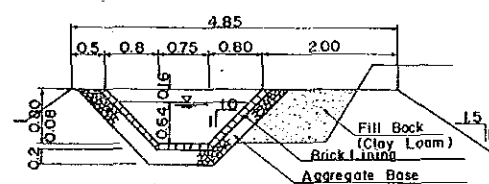
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MORENNA MODEL IRRIGATION PALUOYA ANICUT (1/2)			
DATE	Sep, 1987	Drawing No	22
JAPAN INTERNATIONAL COOPERATION AGENCY			



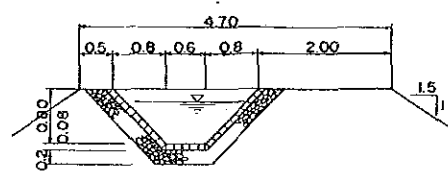
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRILANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MORENNA MODEL IRRIGATION PALUOYA ANICUT (2/2)			
DATE	Sep, 1987	Drawing No.	23
JAPAN INTERNATIONAL COOPERATION AGENCY			



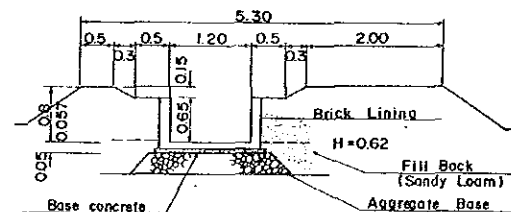
STANDARD CROSS SECTION (R.B-I)



STANDARD CROSS SECTION (R.B-II)



STANDARD CROSS SECTION (R.B-III)



SCALE
0 1 2 3m

ELEVATION

16.0 m

15.0

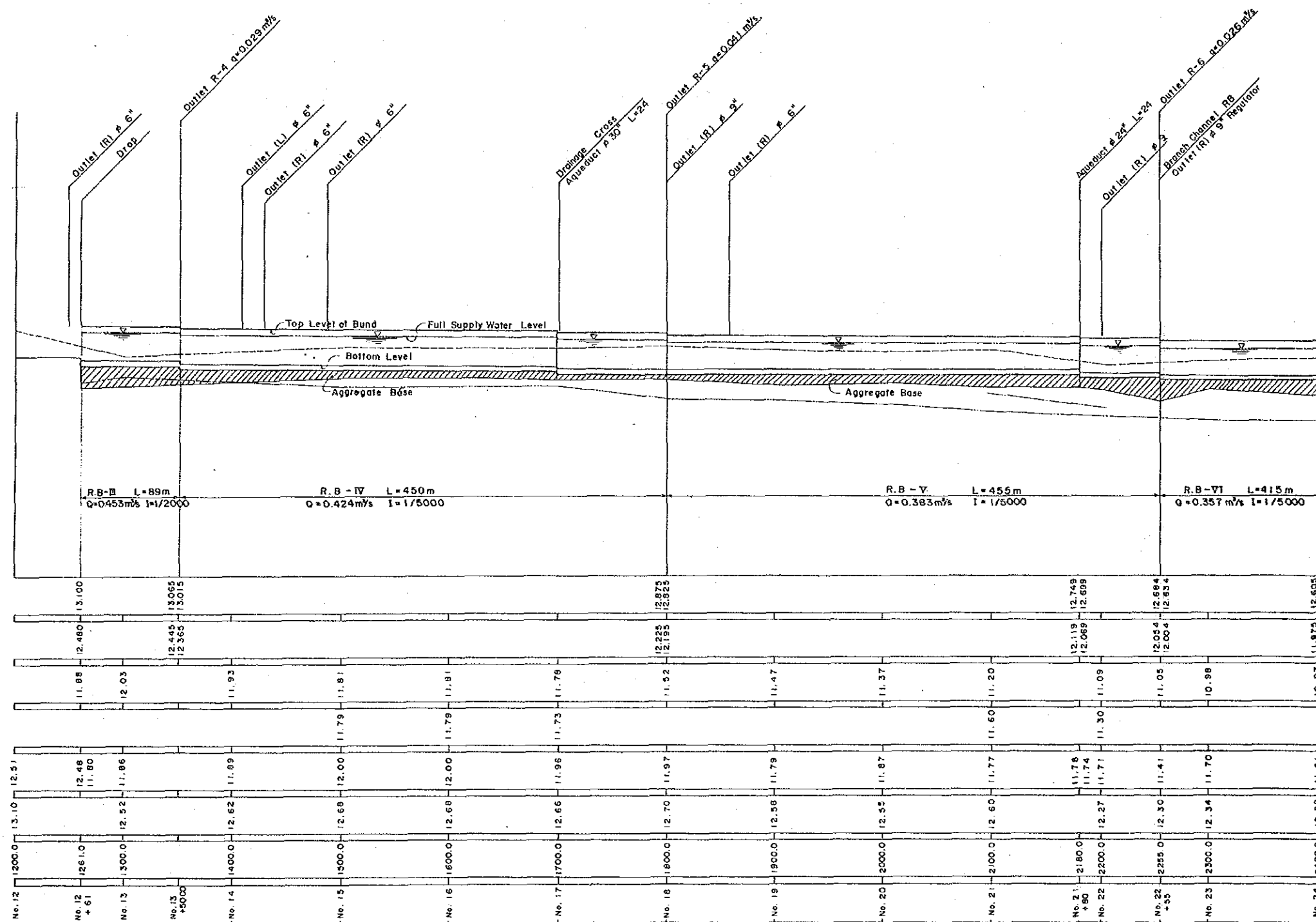
14.0

13.0

12.0

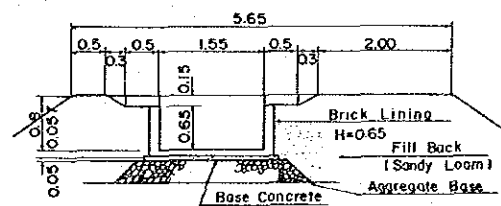
11.0

10.0

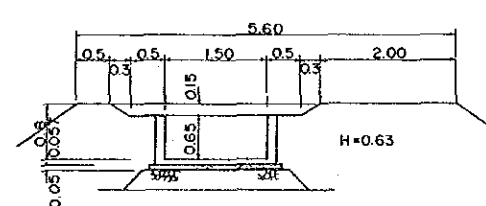


DESIGNED WATER SURFACE ELEVATION (m)
DESIGNED CHANNEL BED ELEVATION (m)
R.B PADDY ELEVATION (m)
L.B PADDY ELEVATION (m)
EXISTING CHANNEL BED ELEVATION (m)
EXISTING BANK ELEVATION (m)
ADDITIONAL DISTANCE (m)
STATION

STANDARD CROSS SECTION (R.B-IV)



STANDARD CROSS SECTION (R.B-V)



SCALE

0 1 2 3m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MORENNA MODEL IRRIGATION LONGITUDINAL PROFILE OF R.B MAIN CHANNEL (2/3)			
DATE	Sep, 1987	Drawing No.	25
JAPAN INTERNATIONAL COOPERATION AGENCY			

ELEVATION

16.0m

15.0

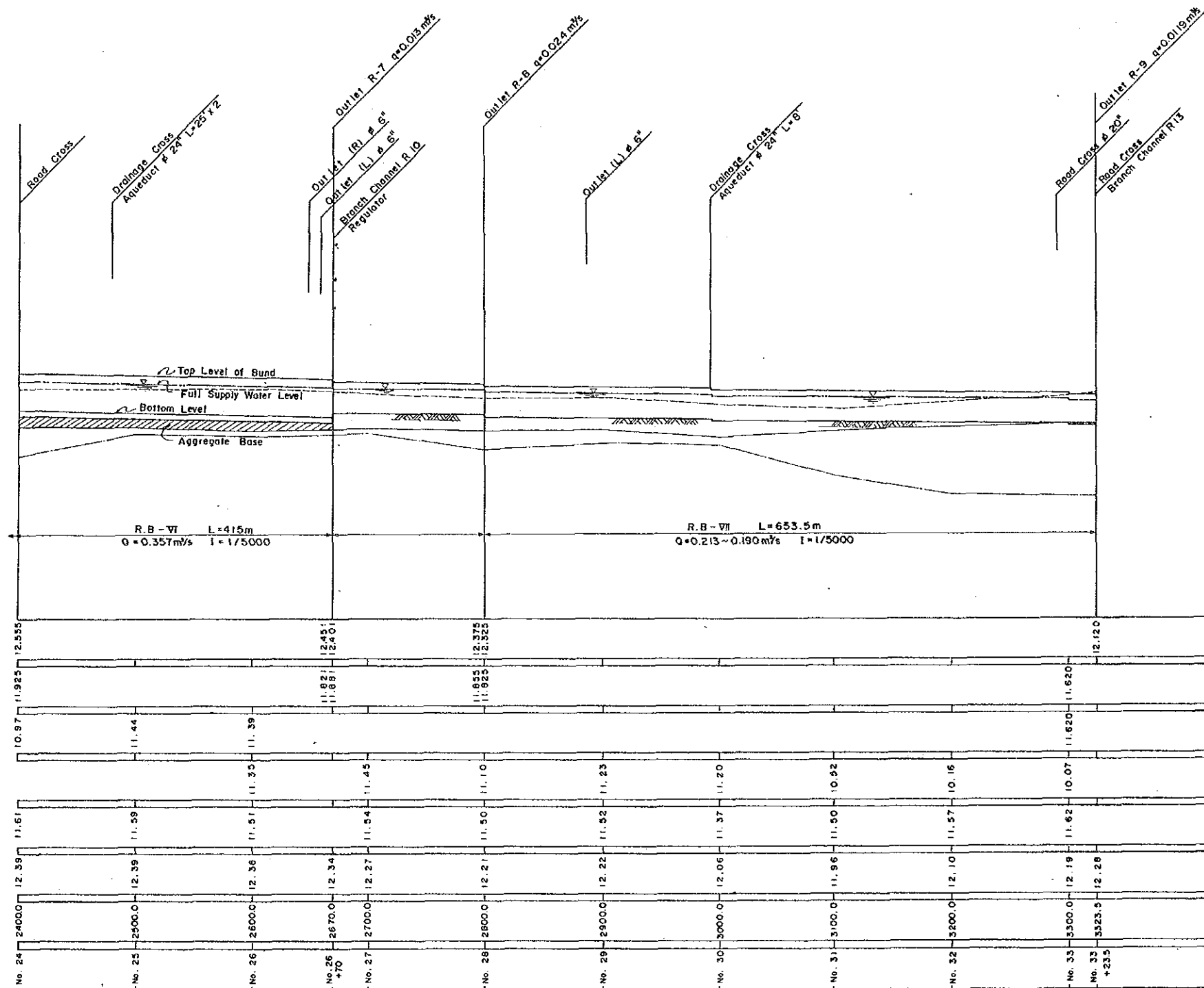
14.0

13.0

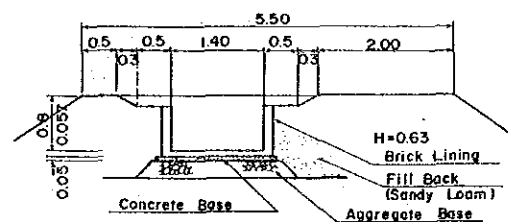
12.0

11.0

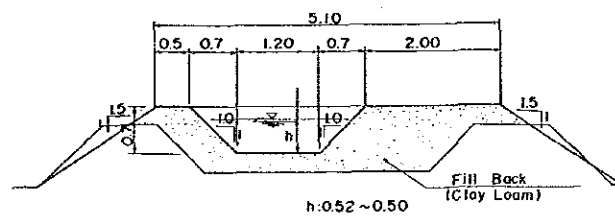
10.0



STANDARD CROSS SECTION (R.B-VI)



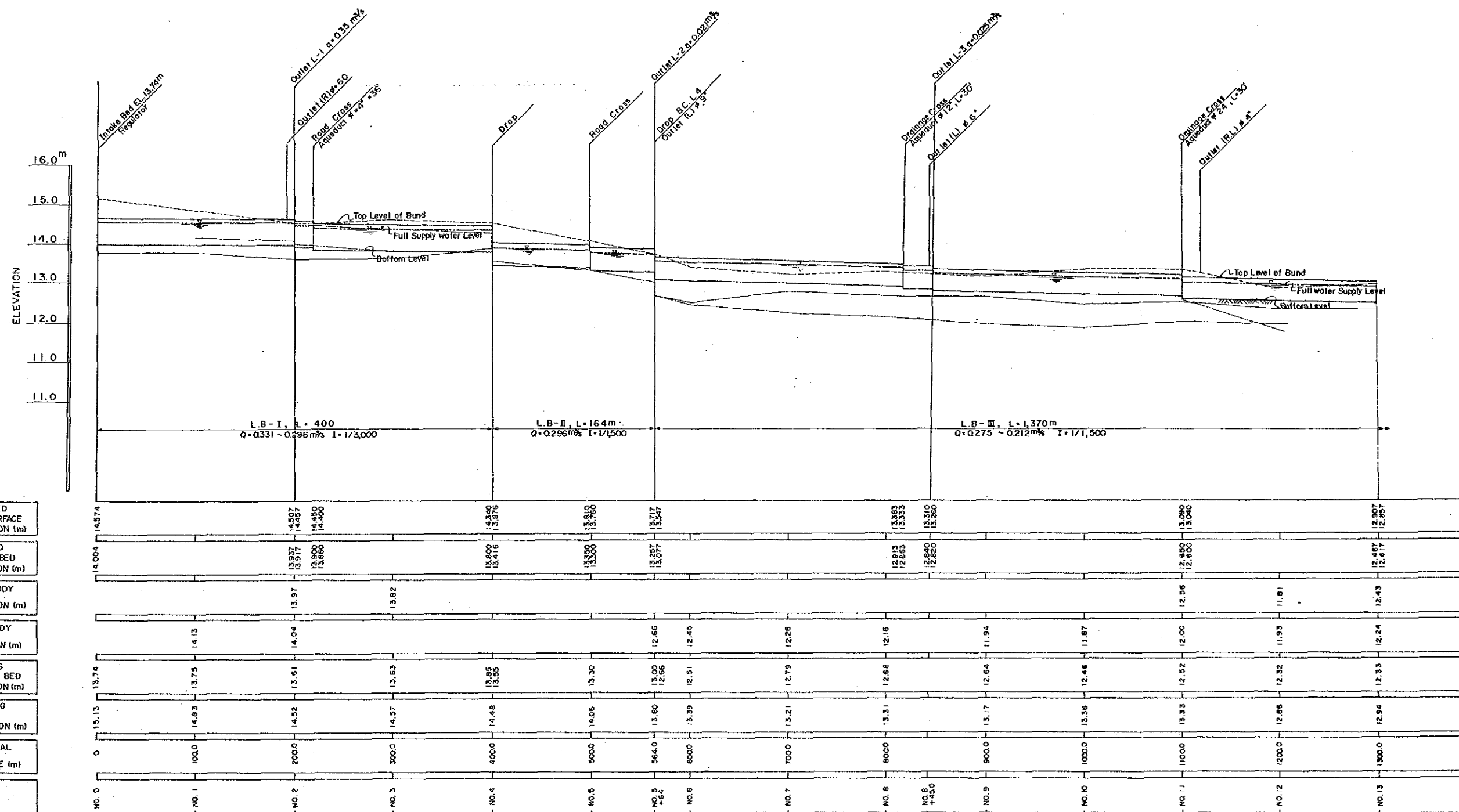
STANDARD CROSS SECTION (R.B-VII)



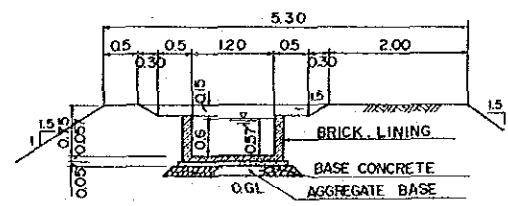
SCALE

0 1 2 3m

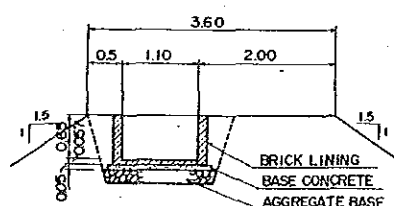
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
MORENNA MODEL IRRIGATION LONGITUDINAL PROFILE OF R.B MAIN CHANNEL (3/3)			
DATE	Sep., 1987	Drawing No.	26
JAPAN INTERNATIONAL COOPERATION AGENCY			



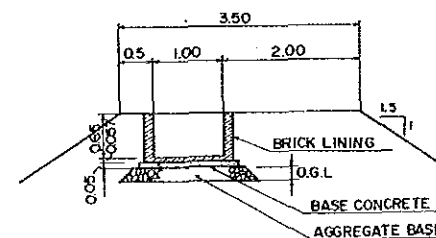
STANDARD CROSS SECTION (L.B-I)



STANDARD CROSS SECTION (L.B-II)

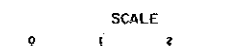
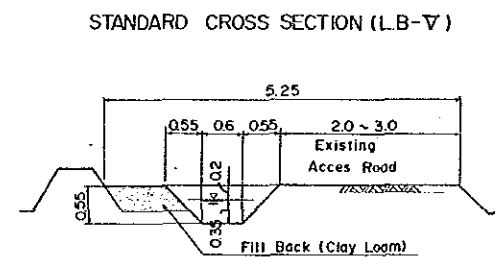
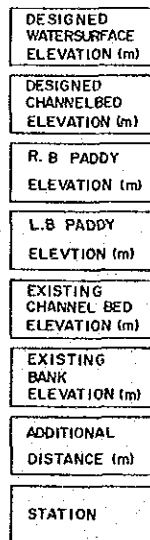


STANDARD CROSS SECTION (L.B-III)

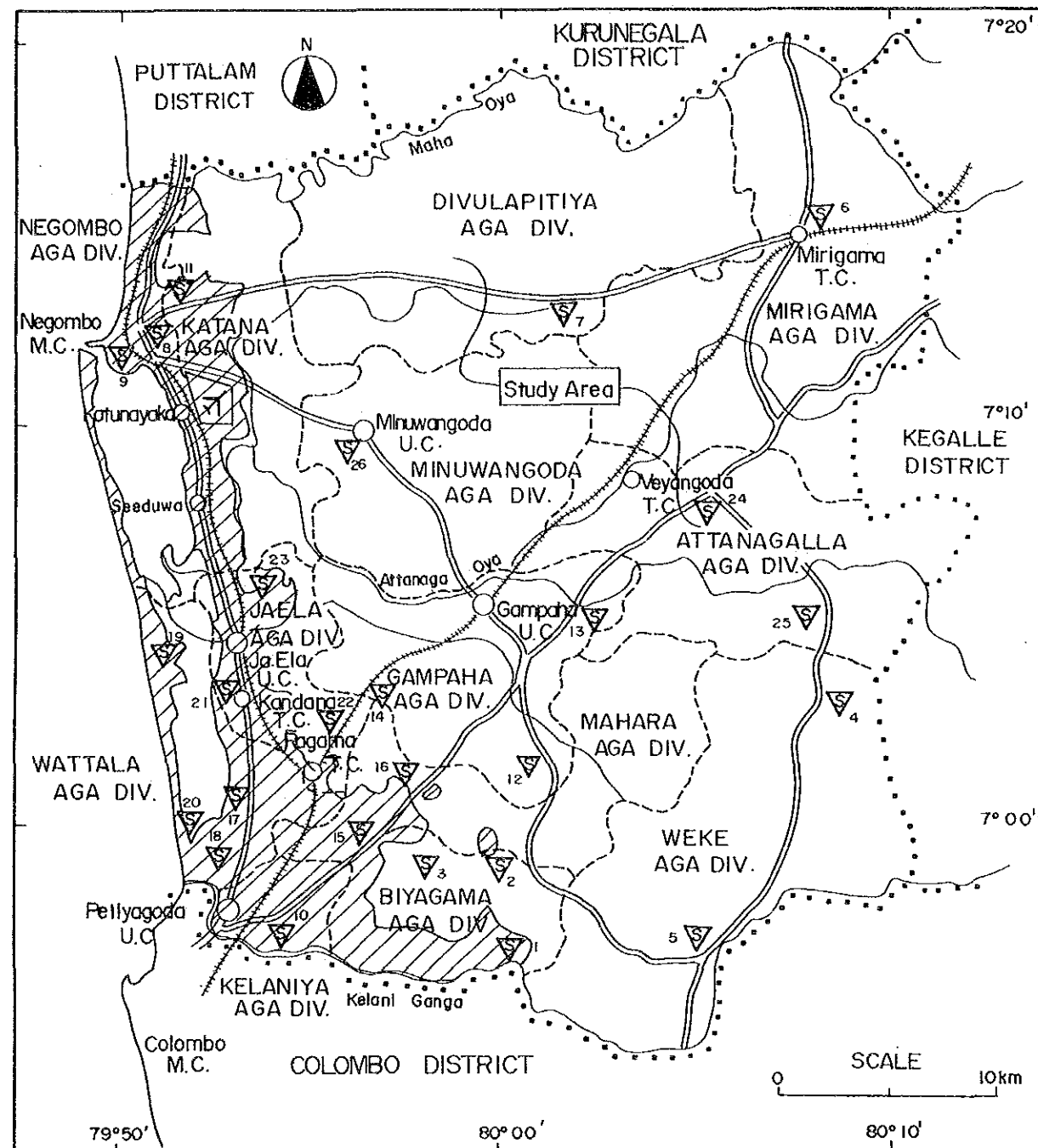


SCALE
0 1 2 3m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA		
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT		
MORENNA MODEL IRRIGATION LONGITUDINAL PROFILE OF L.B MAIN CHANNEL (1/3)		
DATE	Sep., 1987	Drawing No. 27
JAPAN INTERNATIONAL COOPERATION AGENCY		



LOCATION MAP



LEGEND

- District Boundary
- AGA Div. Boundary
- ▽ : Core School.

List of Core School

AGA Division	Core School	Science Unit		Agricultural Unit		Home Science Unit	
		Equipment	Building	Equipment	Building	Equipment	Building
BIYAGAMA	1 Biyagama M. M. V.	O	O	O	X	O	O
	2 Daranagama M.V.	O	O	O	O	O	X
	3 Sapugaskanda M.V.	O	X	O	O	O	X
WEKE (DOMPE)	4 Kirindiwela M.M.V.	O	X	O	X	O	O
	5 Dekatana Padmawathie M.V.	O	X	O	O	O	X
MIRIGAMA	6 Mirigama D. S. S. M. V.	O	O	O	O	O	X
DIVULAPITIYA	7 Divulapitiya M.V.	O	O	O	O	O	O
NEGOMBO	8 St. Mary's M.V.	O	O	X	X	X	X
	9 Harischandra M.V.	O	O	O	O	X	X
KELANIYA	10 Dharmaloka M.V.	O	X	O	O	O	X
KATANA	11 Timbriyagaskatuwa M.V.	O	X	O	X	O	X
GAMPAHA	12 Madduma Bandara M.V.	O	O	O	O	O	X
	13 Yakkala C.M.V.	O	O	O	O	O	O
	14 Galahitiliyama M.M.V.	O	O	O	X	O	O
MAHARA	15 Kadawatha M.V.	O	O	O	O	O	O
	16 Kendaliyoddapaluwa M.V.	O	O	O	O	O	X
WATTALA	17 Mattumagala K.M.V.	O	O	O	O	O	O
	18 St. Anthony's M.M.V.	O	O	X	X	X	X
	19 Gonsalves M.V.	O	X	O	O	O	O
	20 Good Shepherds Convent Naya-kkanda.	O	O	X	X	O	X
JA-ELA	21 St. Sebastian M.V.	O	O	O	O	X	X
	22 Batuwatta M.V.	O	X	O	O	O	X
	23 Christ King College Trudella	O	O	O	O	X	X
ATTANAGALLA	24 Nittambuwa S.M.V.	O	O	O	O	O	O
	25 Urapola	O	X	O	X	O	O
MINUWANGODA	26 Japalawatta M.V.	O	O	O	O	O	O
Total		26	17	23	18	21	10

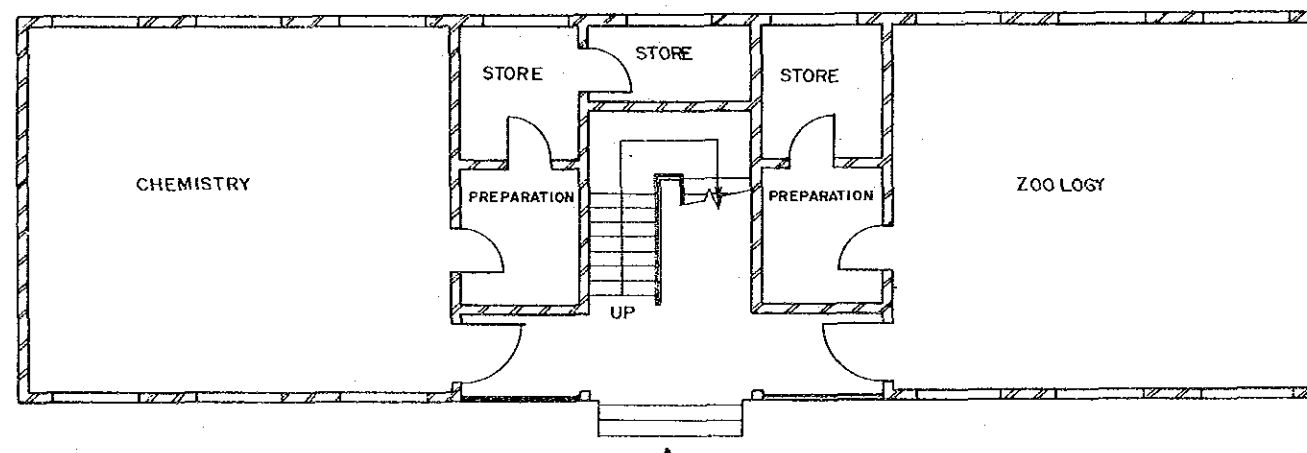
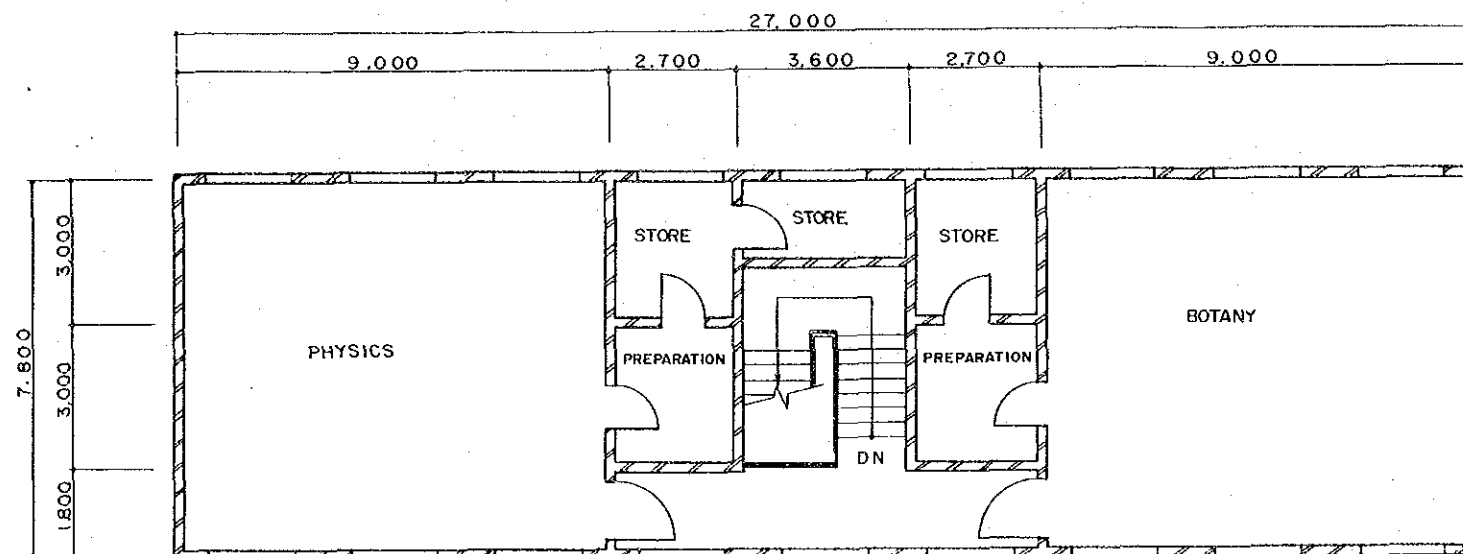
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

MASTER PLAN STUDY
ON
IRDP FOR GAMPAHA DISTRICT

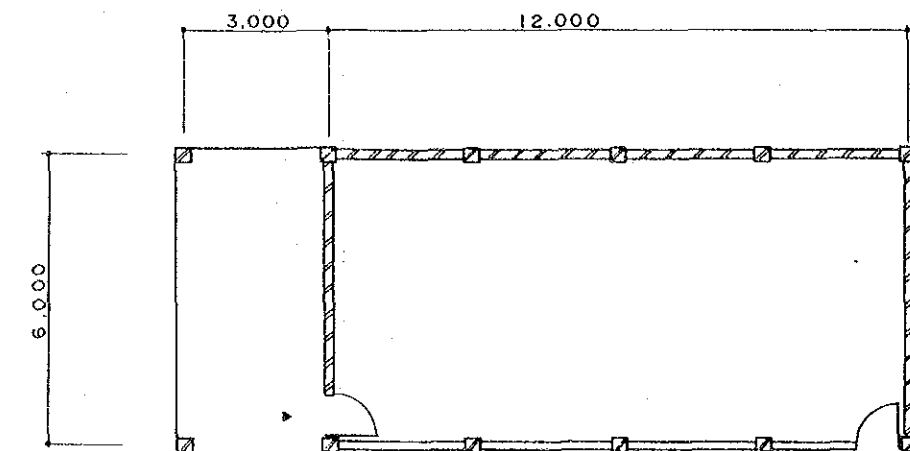
IMPROVEMENT OF CORE SCHOOLS
LOCATION OF CORE SCHOOLS

DATE Sep, 1987 Drawing No. 31

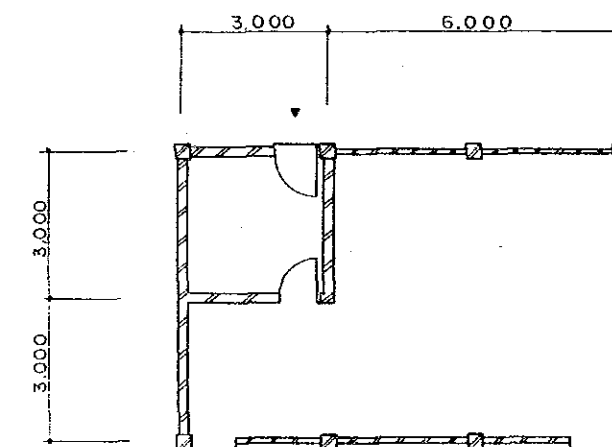
JAPAN INTERNATIONAL COOPERATION AGENCY



SCIENCE UNIT



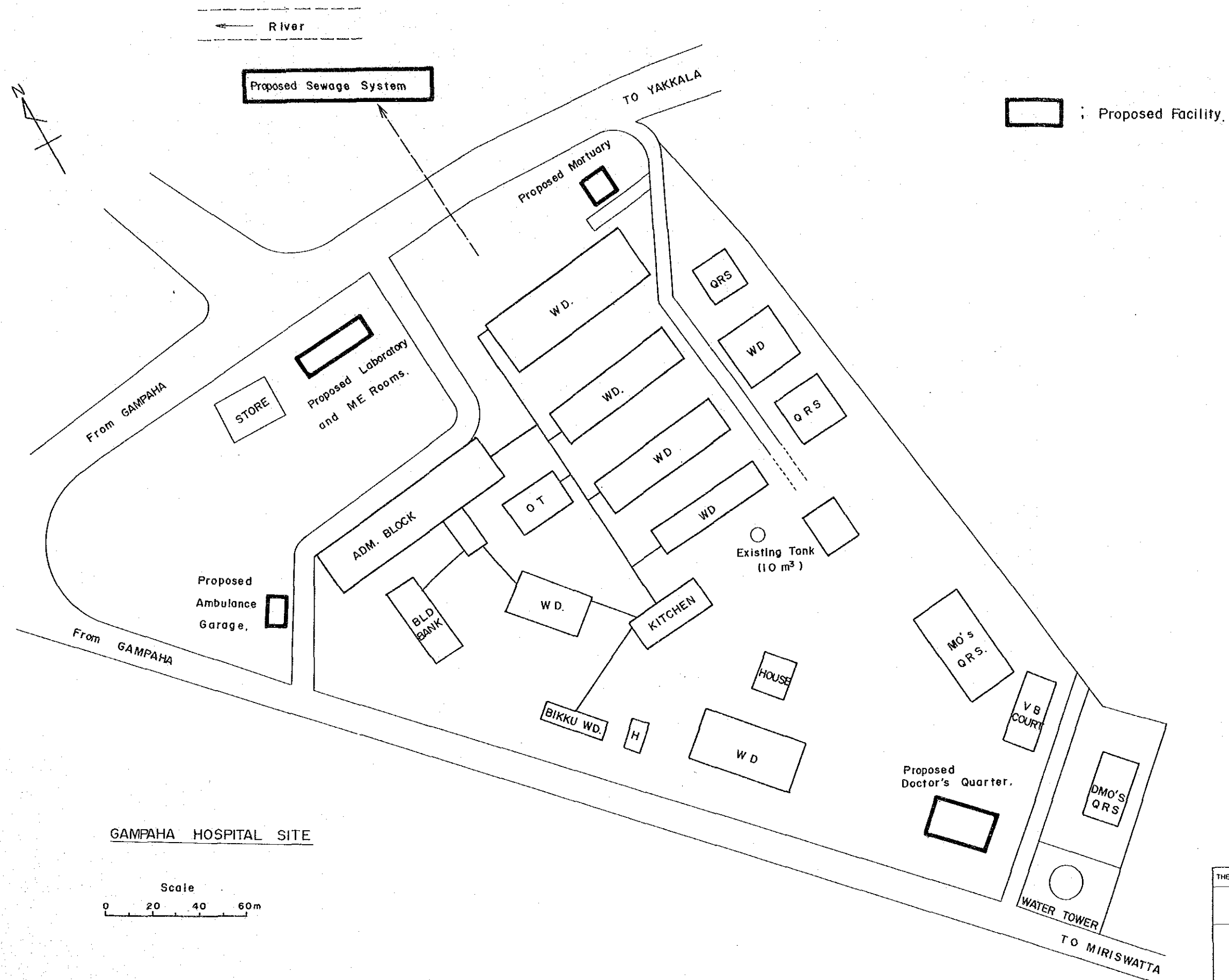
AGRICULTURAL UNIT



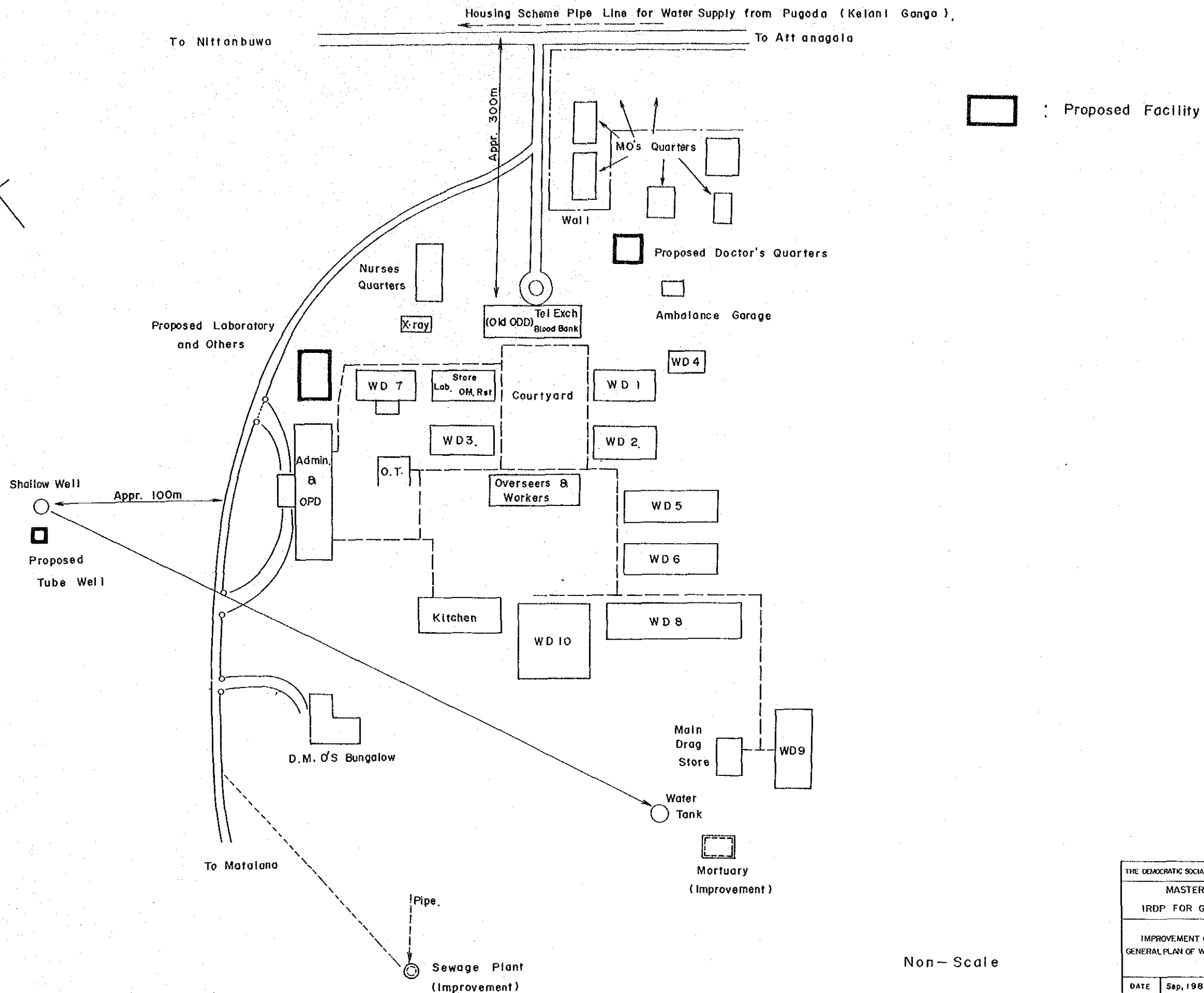
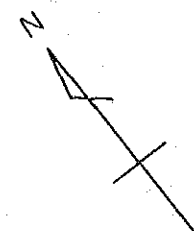
HOME SCIENCE UNIT

SCALE
0 1 2 3 4 5m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRILANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
IMPROVEMENT OF CORE SCHOOLS PLAN OF BUILDINGS			
DATE	Sep, 1987	Drawing No	32
JAPAN INTERNATIONAL COOPERATION AGENCY			

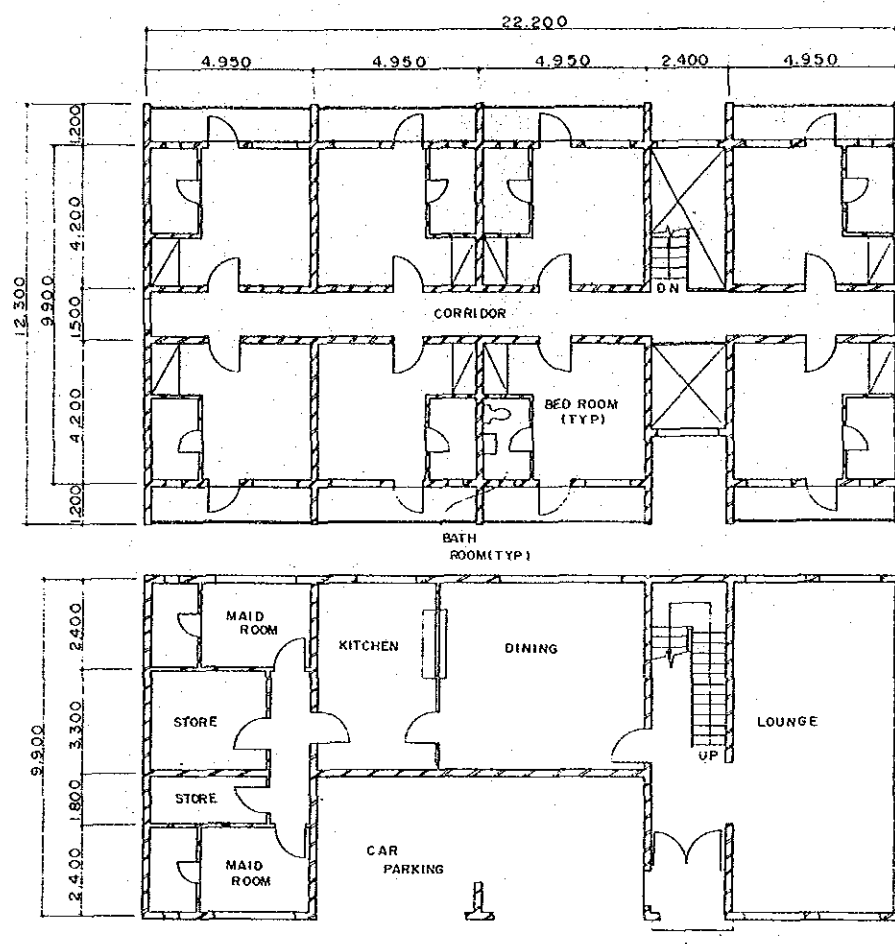


THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAAH DISTRICT			
IMPROVEMENT OF BASE HOSPITAL GENERAL PLAN OF GAMPAAH HOSPITAL			
DATE	Sep, 1987	Drawing No	33
JAPAN INTERNATIONAL COOPERATION AGENCY			



Non-Scale

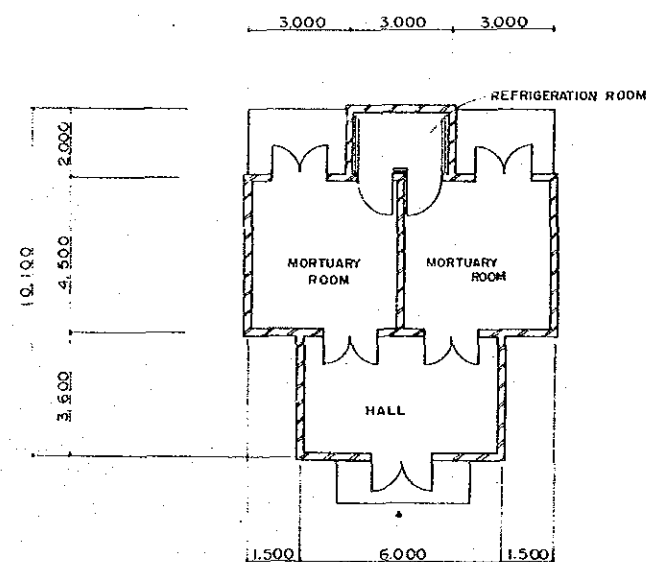
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
IMPROVEMENT OF BASE HOSPITAL GENERAL PLAN OF WATHUPITIWELA HOSPITAL			
DATE	Sep, 1987	Drawing No	34
JAPAN INTERNATIONAL COOPERATION AGENCY			



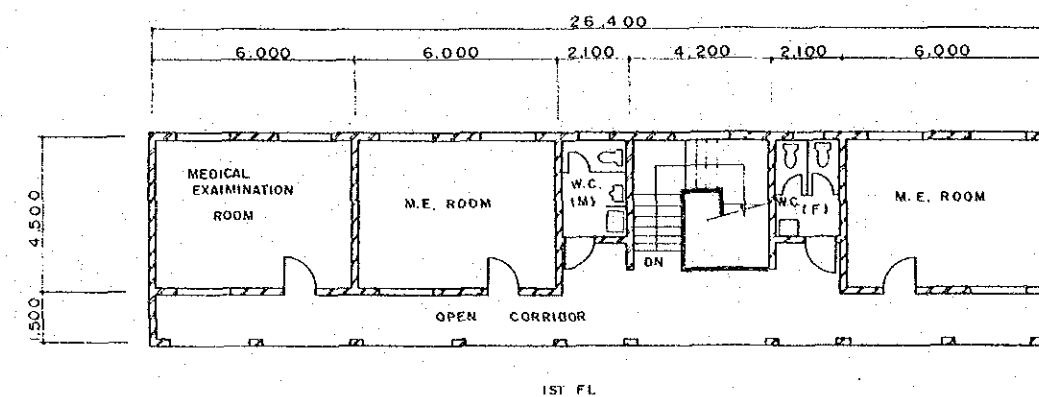
FIRST FLOOR

GROUND FLOOR

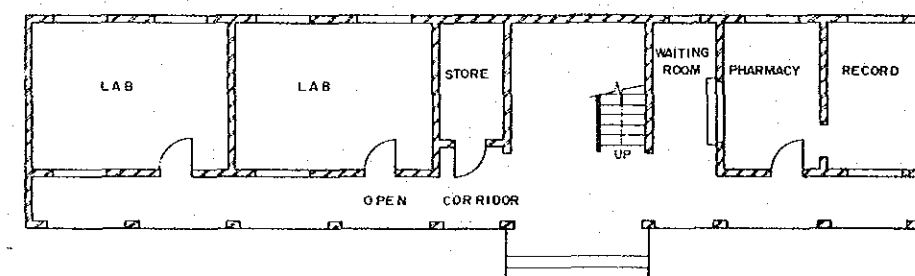
DOCTOR'S QUARTERS



MORTUARY

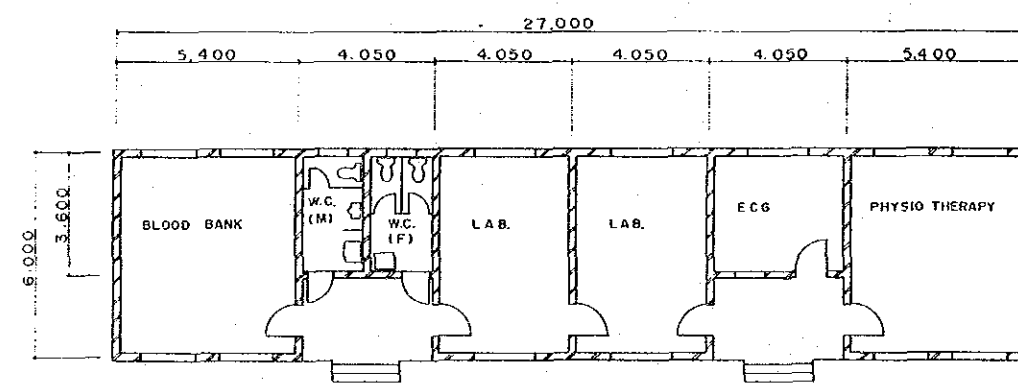


FIRST FLOOR



GROUND FLOOR

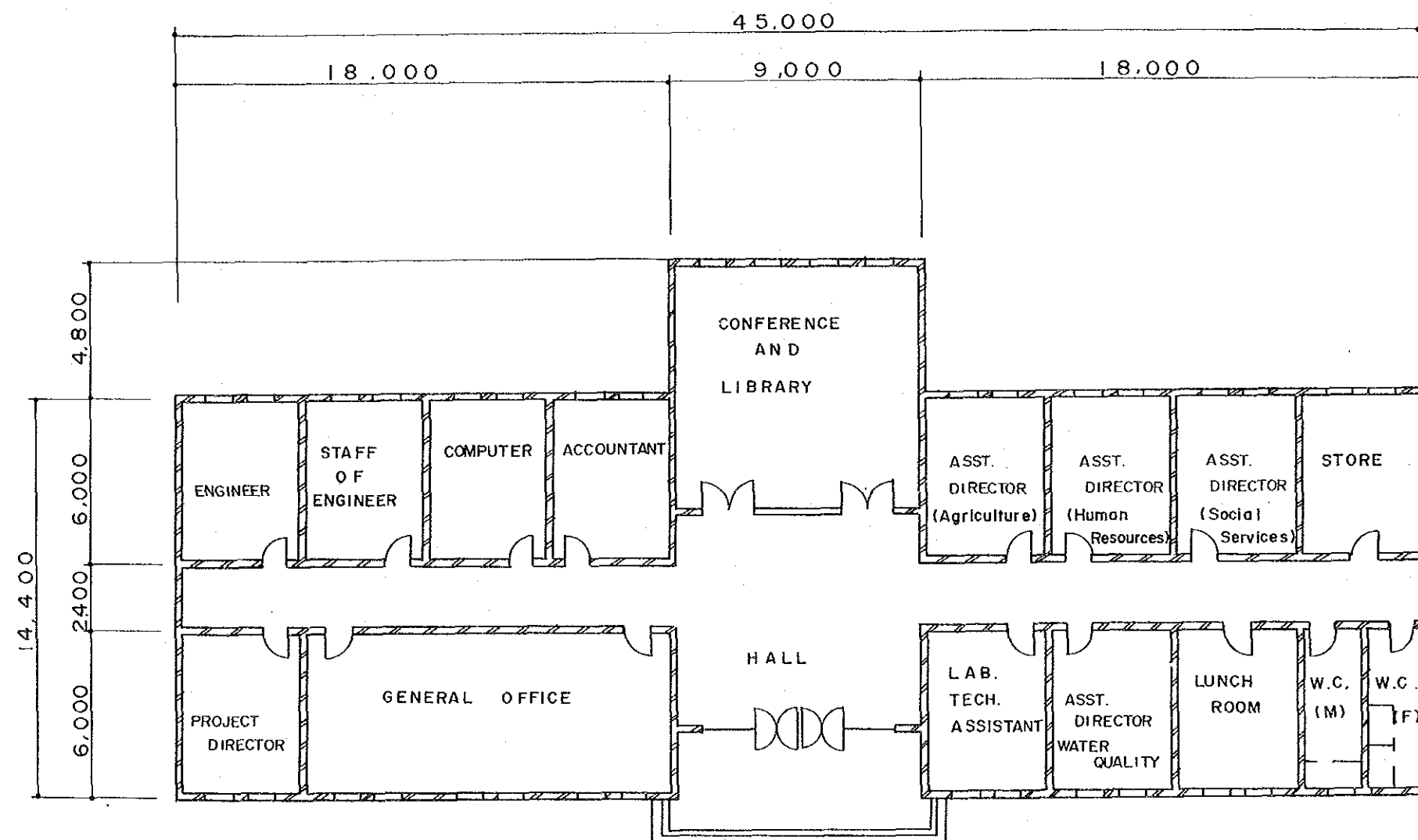
LABORATORY & M.E. ROOMS
(GAMPAHA HOSPITAL)



LABORATORY & OTHERS
(WATHUPITIWELA HOSPITAL)

SCALE
0 1 2 3 4 5m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON IRDP FOR GAMPAHA DISTRICT			
IMPROVEMENT OF BASE HOSPITALS PLAN OF BUILDINGS			
DATE	Sep, 1987	Drawing No	35
JAPAN INTERNATIONAL COOPERATION AGENCY			



SCALE

0 2 4 6 8 10m

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA			
MASTER PLAN STUDY ON 1RDP FOR GAMPAHA DISTRICT			
PROPOSED PROJECT OFFICE PLAN			
DATE	Sep, 1987	Drawing No	36
JAPAN INTERNATIONAL COOPERATION AGENCY			

JICA