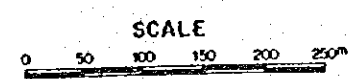
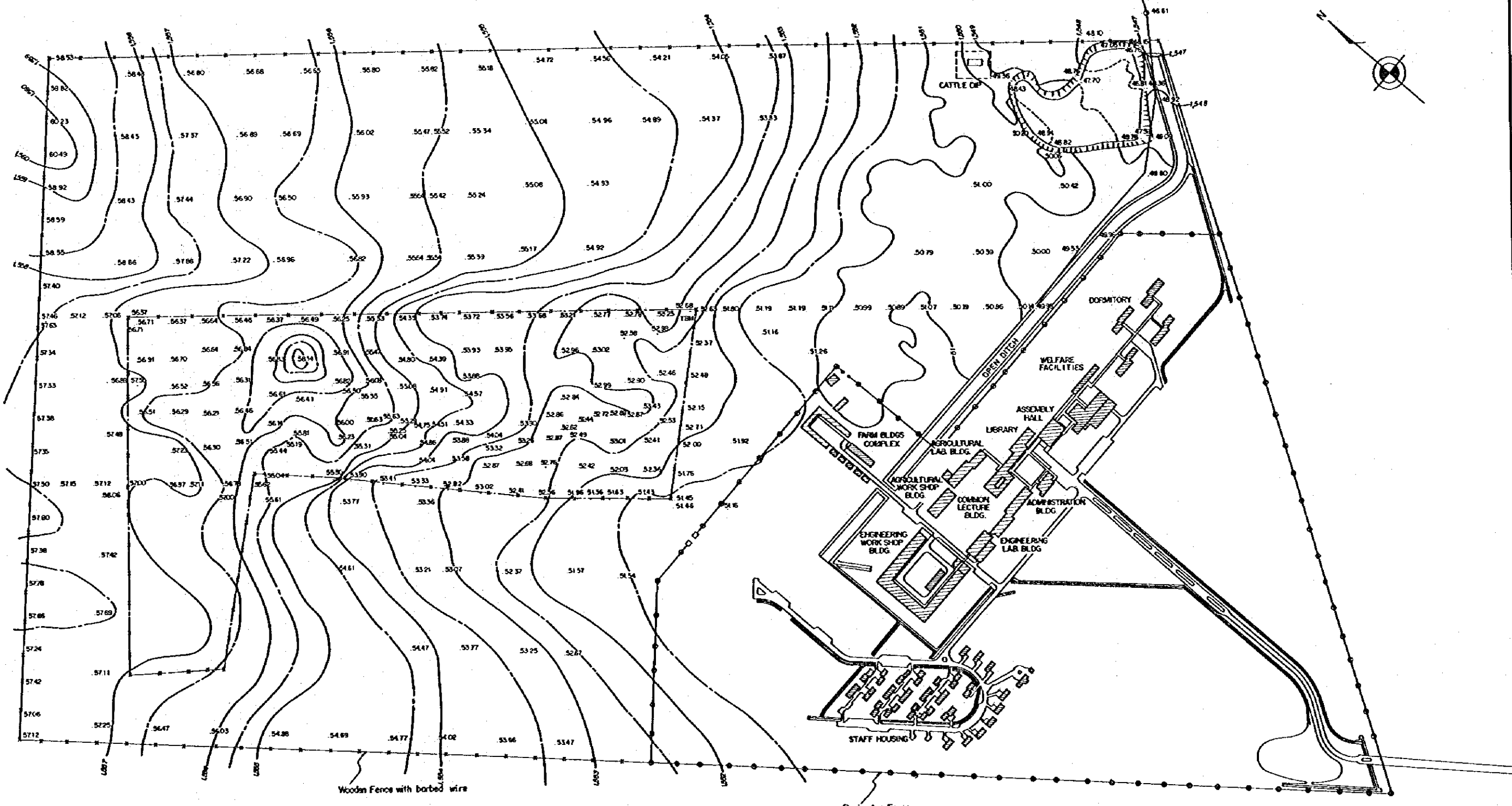


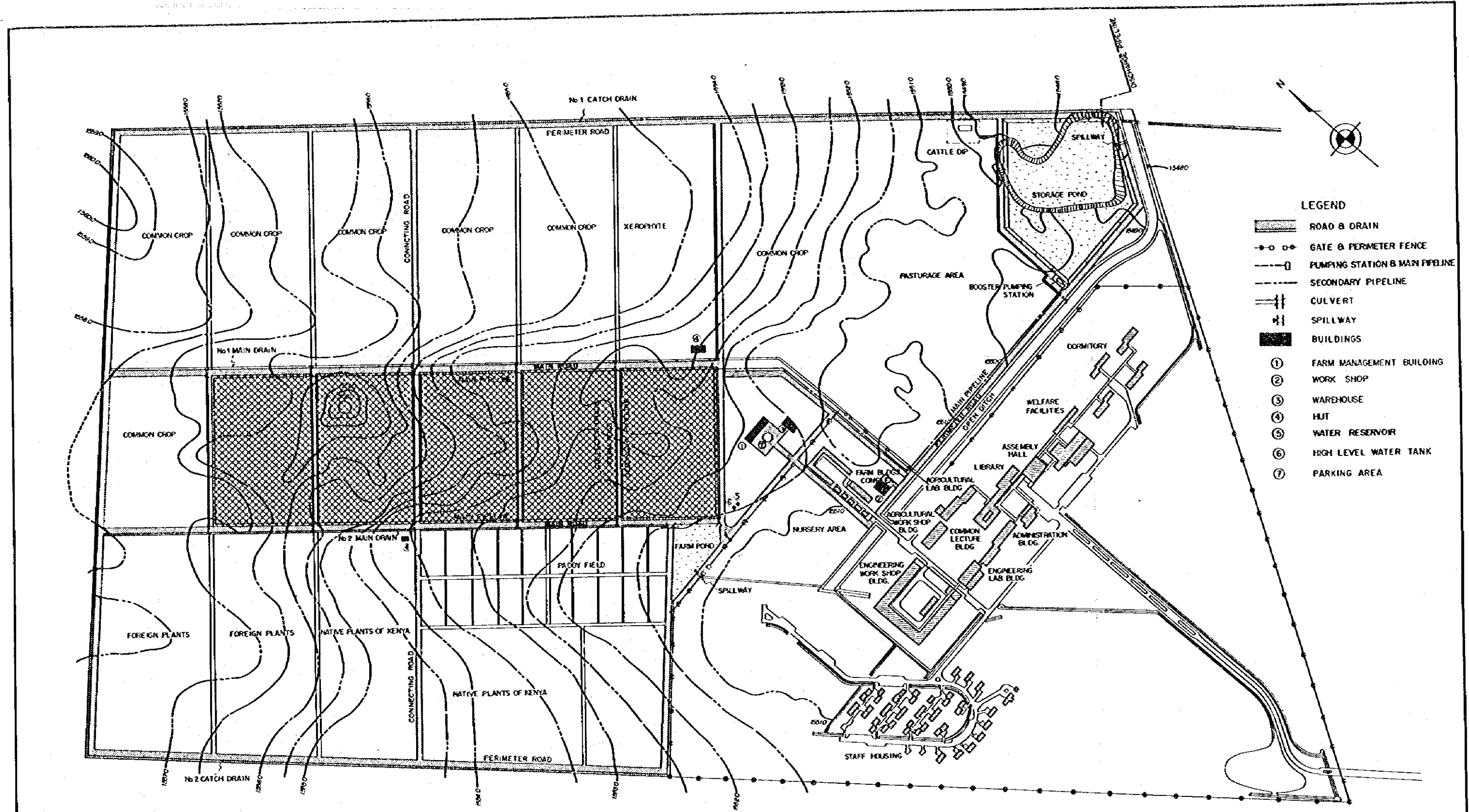
DRAWING

LIST OF DRAWINGS

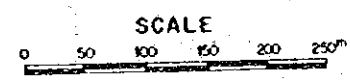
DWG. NO.	100	GENERAL MAP
	101	GENERAL PLAN
	200	PUMPING STATION
	201	PUMP HOUSE
	202	INTAKE STRUCTURE
	203	DISCHARGE PIPELINE
	204	STORAGE POND AND RELATED STRUCTURES
	205	BOOSTER PUMPING STATION
	206	IRRIGATION PIPELINE AND SPRINKLER SYSTEM
	207	FARM POND AND RELATED STRUCTURE
	208	PROFILE OF DRAINAGE CANAL
	209	DRAINAGE CULVERT AND DRAINAGE DROP
	300	FARM MANAGEMENT BUILDING
	301	WORKSHOP
	302	WAREHOUSE AND FARM HUT



THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING	
GENERAL MAP	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 100



- LEGEND**
- ROAD & DRAIN
 - GATE & PERIMETER FENCE
 - PUMPING STATION & MAIN PIPELINE
 - SECONDARY PIPELINE
 - CULVERT
 - SPILLWAY
 - BUILDINGS
 - ① FARM MANAGEMENT BUILDING
 - ② WORK SHOP
 - ③ WAREHOUSE
 - ④ HUT
 - ⑤ WATER RESERVOIR
 - ⑥ HIGH LEVEL WATER TANK
 - ⑦ PARKING AREA



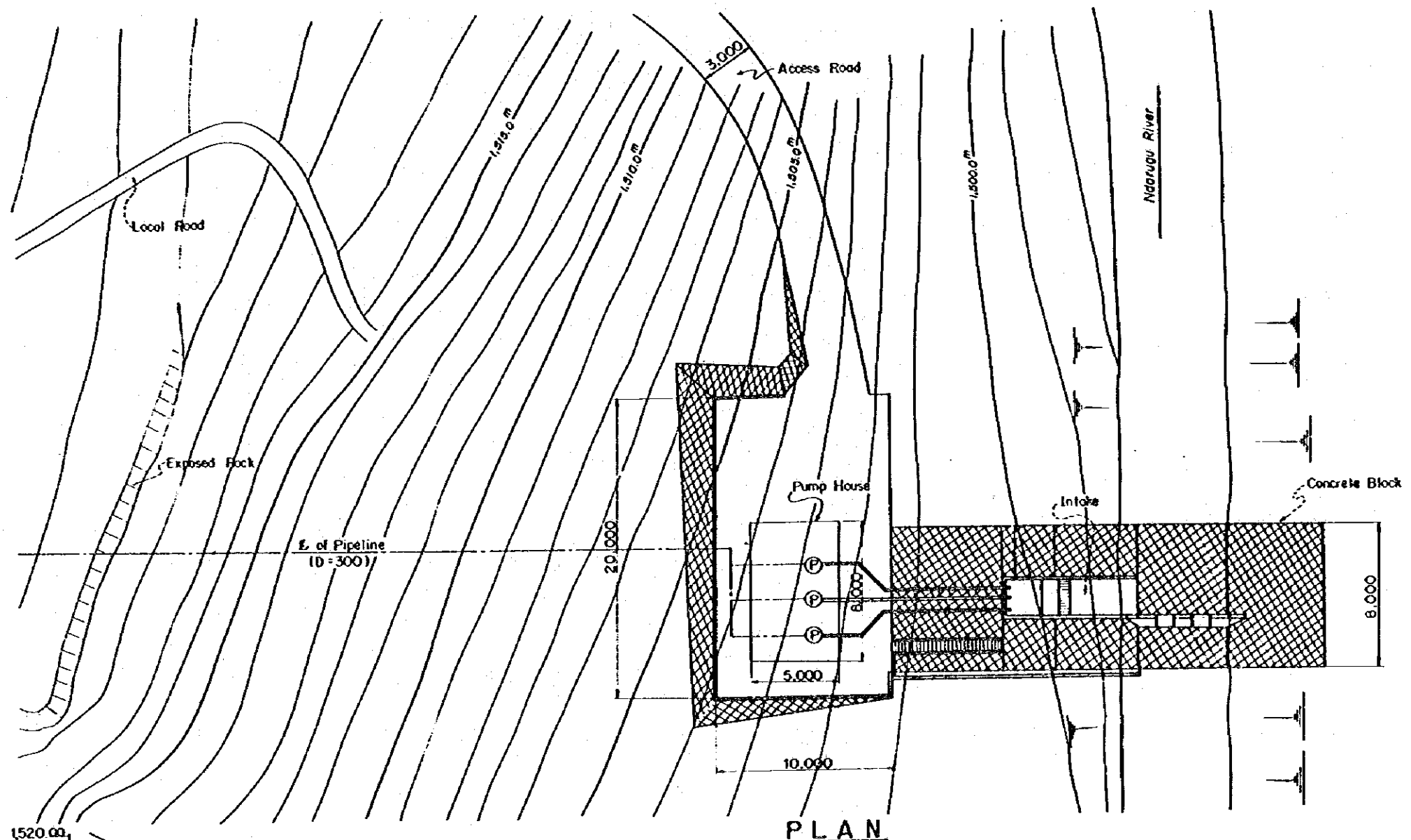
THE REPUBLIC OF KENYA
 THE IMPROVEMENT PROJECT OF THE PILOT FARM
 OF JOMO KENYATTA COLLEGE
 OF AGRICULTURE AND TECHNOLOGY

TITLE OF DRAWING

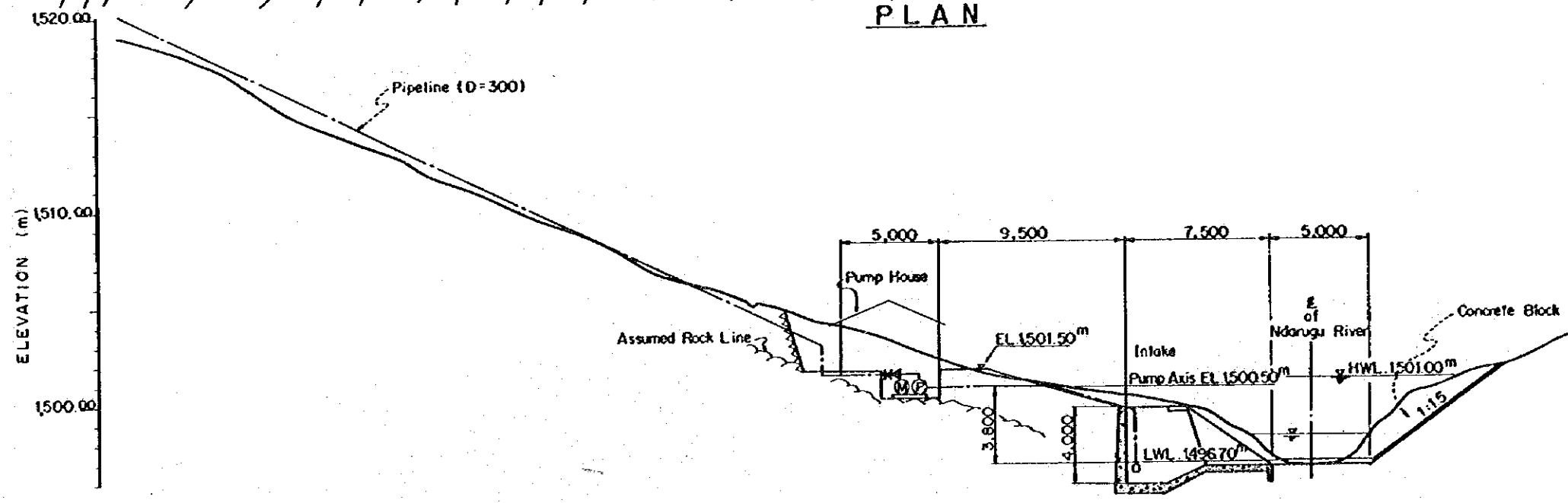
GENERAL PLAN

JAPAN INTERNATIONAL COOPERATION AGENCY

OWG NO. 101

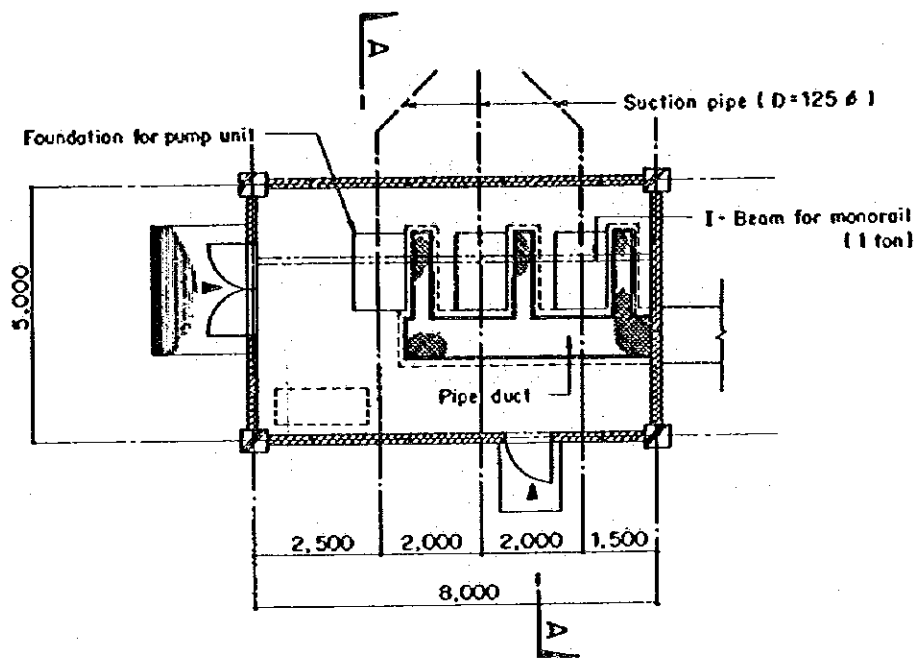


PLAN

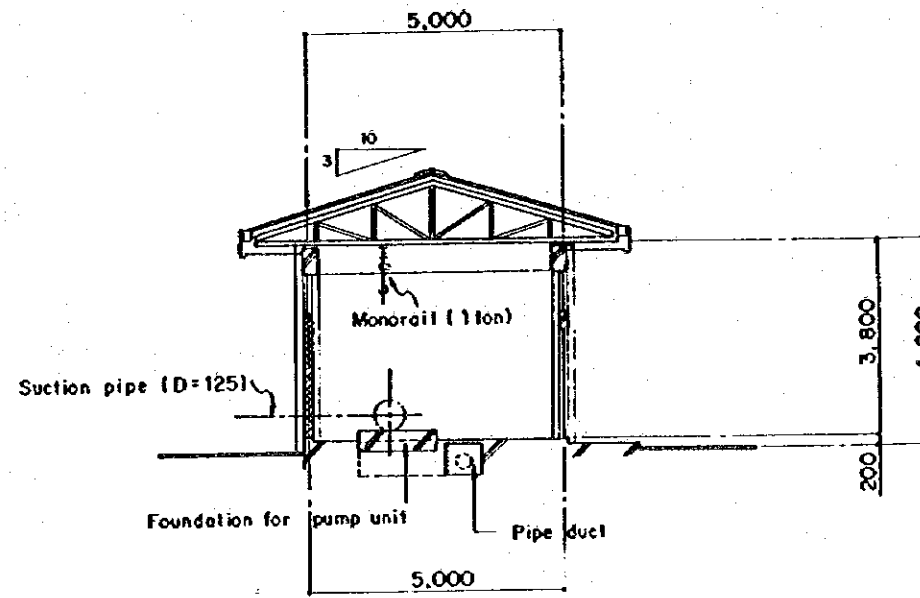


PROFILE

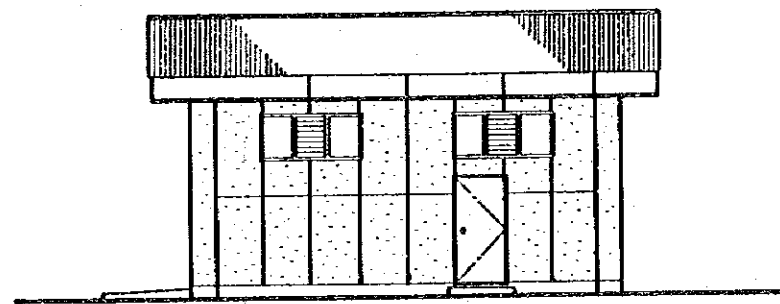
THE REPUBLIC OF KENYA	
THE IMPROVEMENT PROJECT OF THE PILOT FARM	
OF JOMO KENYATTA COLLEGE	
OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING	
PUMPING STATION	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 200



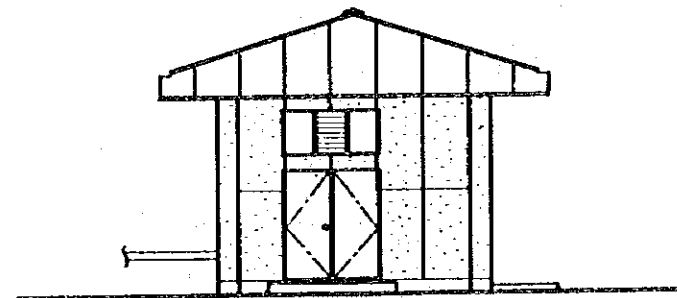
PLAN
(Building area : 40 M²)



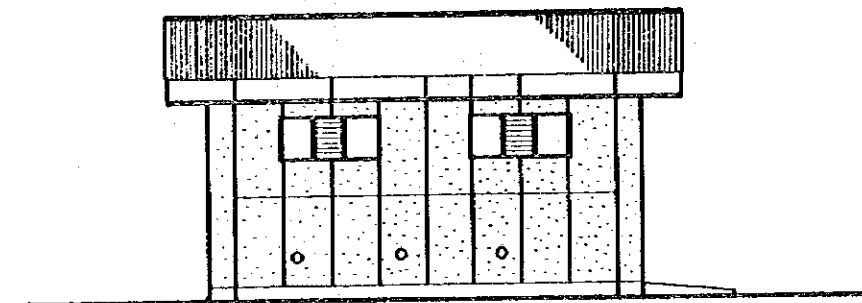
SECTION A-A



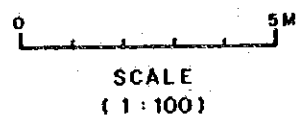
SIDE ELEVATION



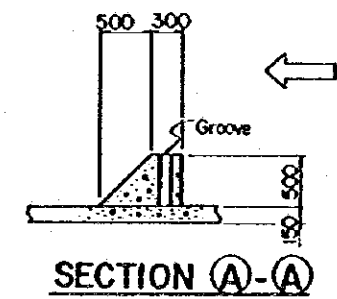
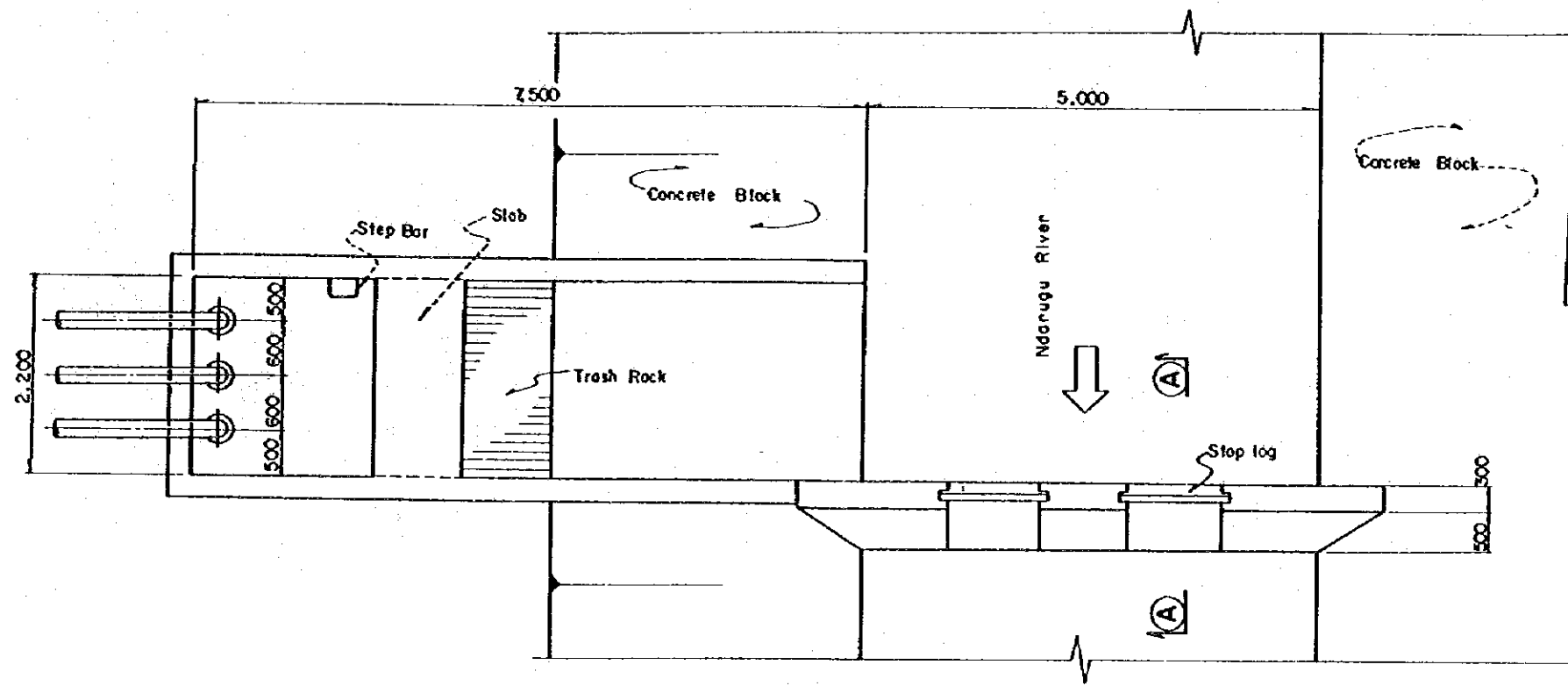
FRONT ELEVATION



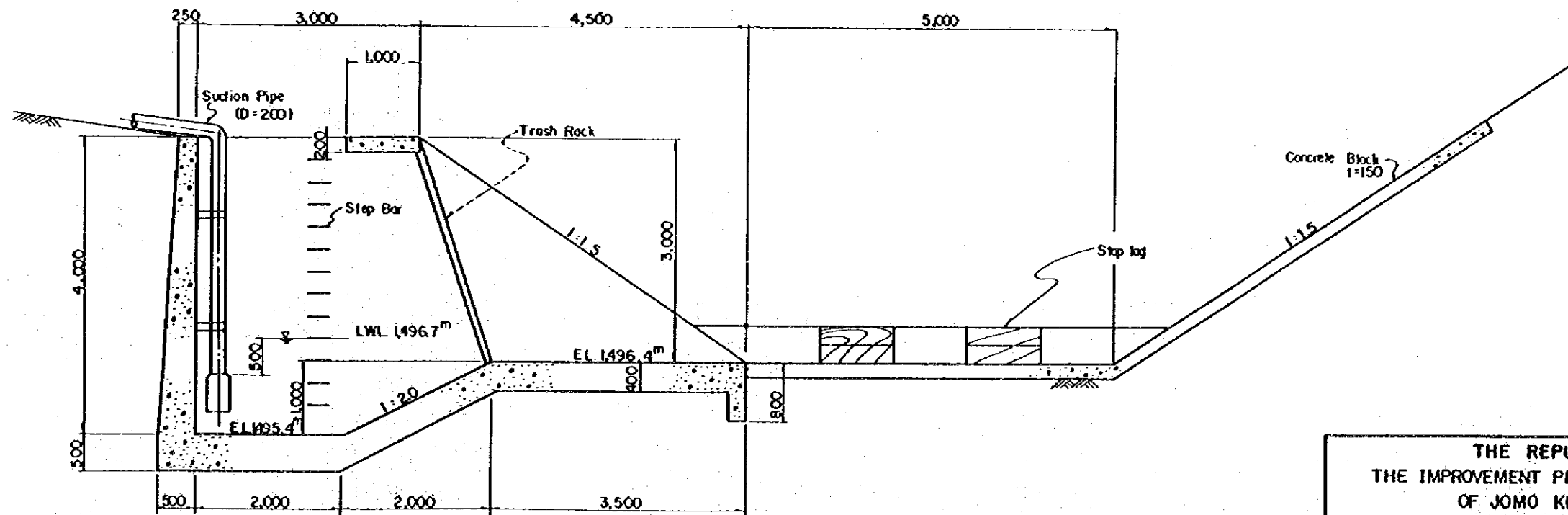
SIDE ELEVATION



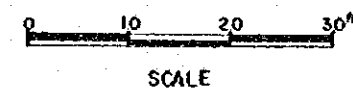
THE REPUBLIC OF KENYA	
THE IMPROVEMENT PROJECT OF THE PILOT FARM	
OF JOMO KENYATTA COLLEGE	
OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING	
PUMP HOUSE	
JAPAN INTERNATIONAL COOPERATION AGENCY	OWG NO. 201



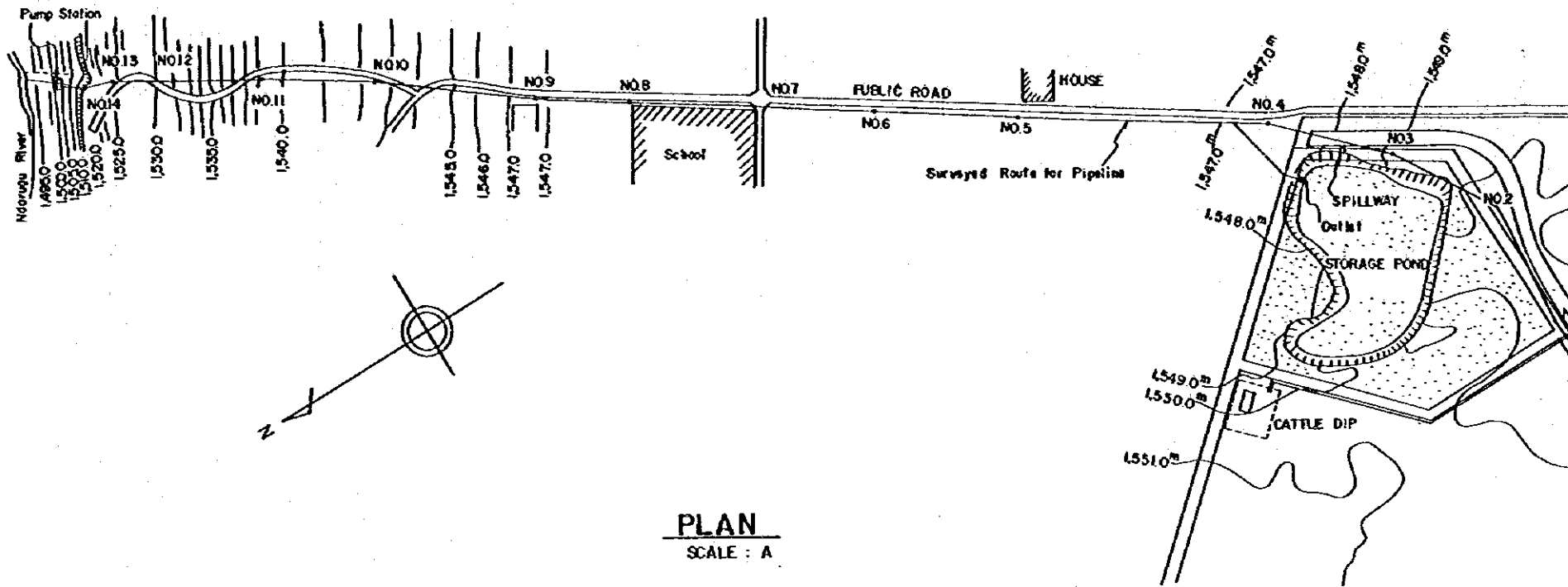
PLAN



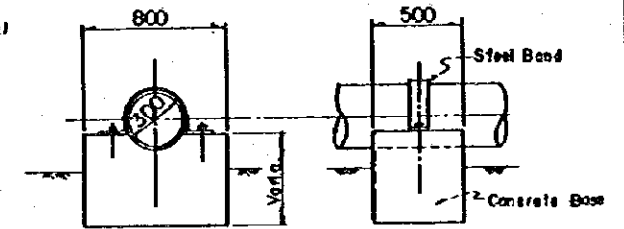
PROFILE



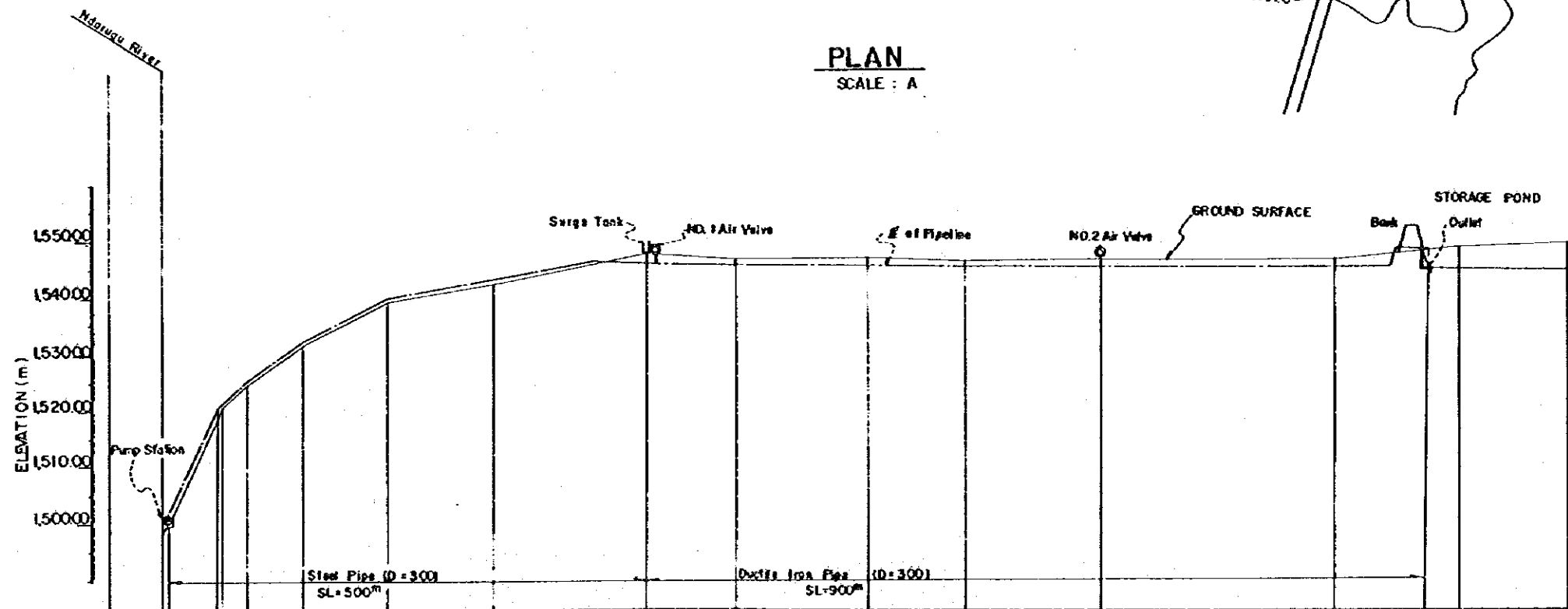
THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING INTAKE STRUCTURE	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 202



PLAN
SCALE : A

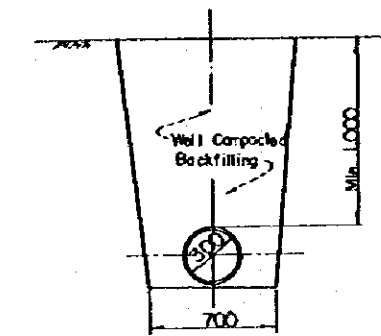
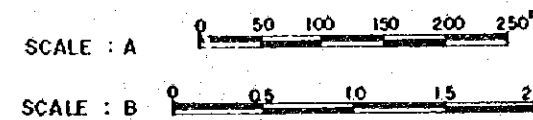


CONCRETE SADDLE SUPPORT
SCALE : B



GROUND SURFACE ELEVATION	14993.1	1520.63	1524.88	1531.58	1539.11	1542.46	1547.70	1546.79	1547.08	1546.46	1546.64	1546.6	1548.92	1549.60
REDUCED DISTANCE	0.0	63.0	90.6	148.8	238.8	348.8	510.3	604.3	746.8	848.8	991.8	1237.8	1366.8	1481.8
DISTANCE	0.0	63.0	27.6	58.2	90.0	111.0	160.5	94.0	142.5	102.0	143.0	246.0	129.0	115.0
STATION	NO.15	NO.14	NO.13	NO.12	NO.11	NO.10	NO.9	NO.8	NO.7	NO.6	NO.5	NO.4	NO.3	NO.2

PROFILE
SCALE : A



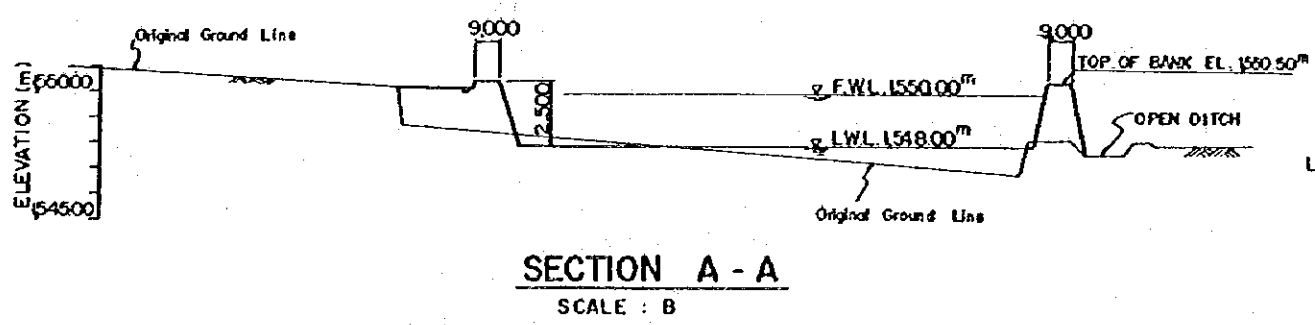
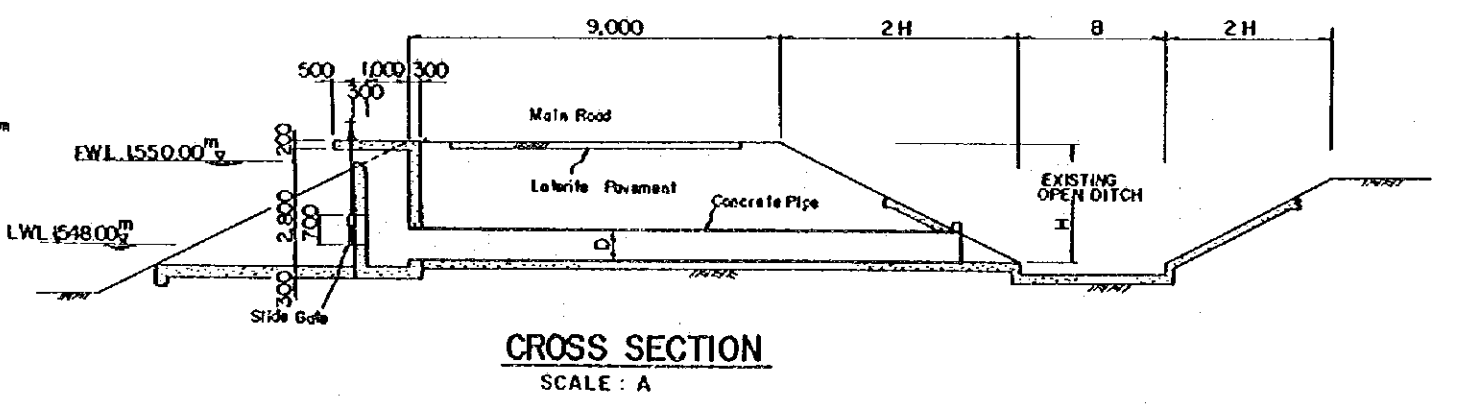
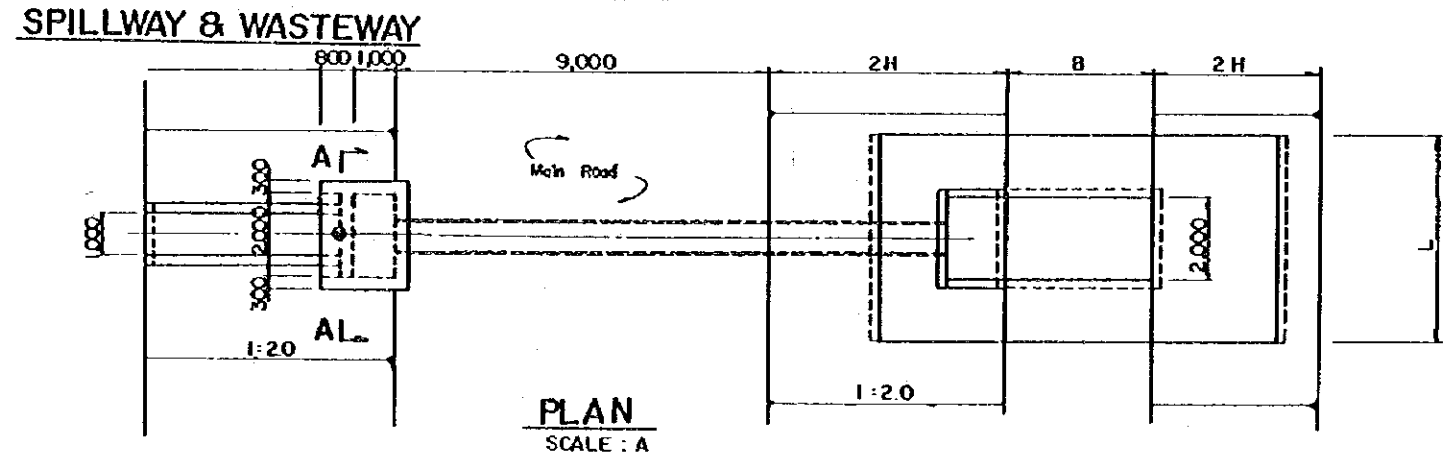
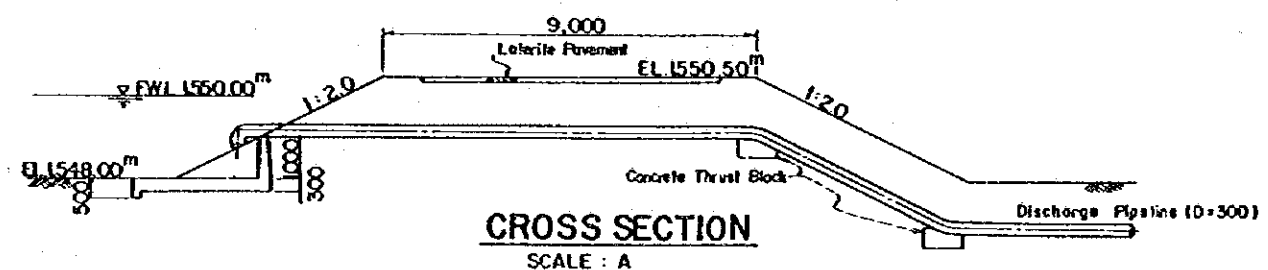
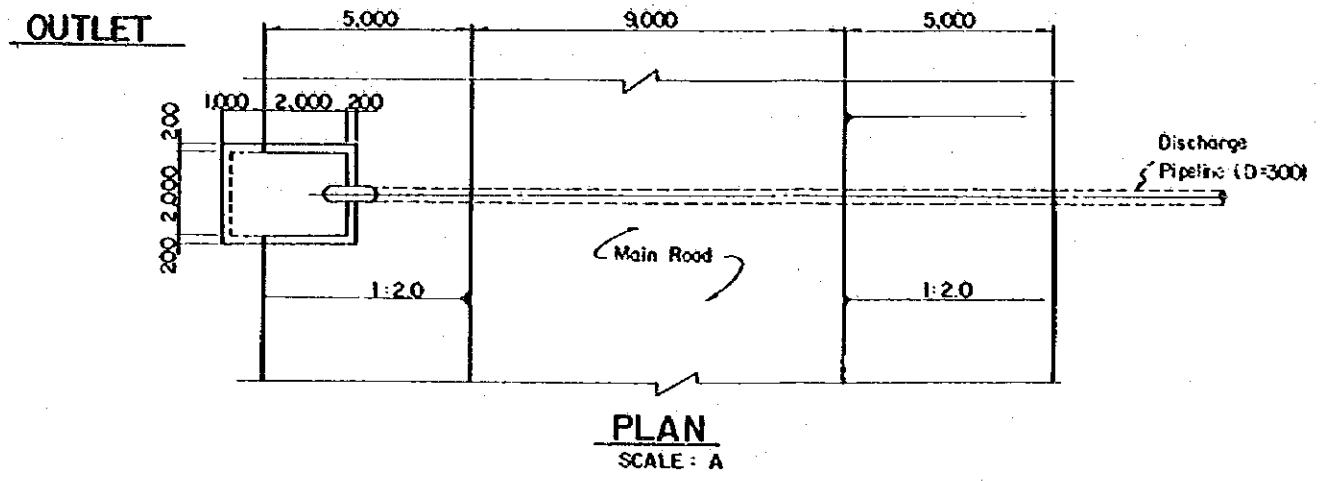
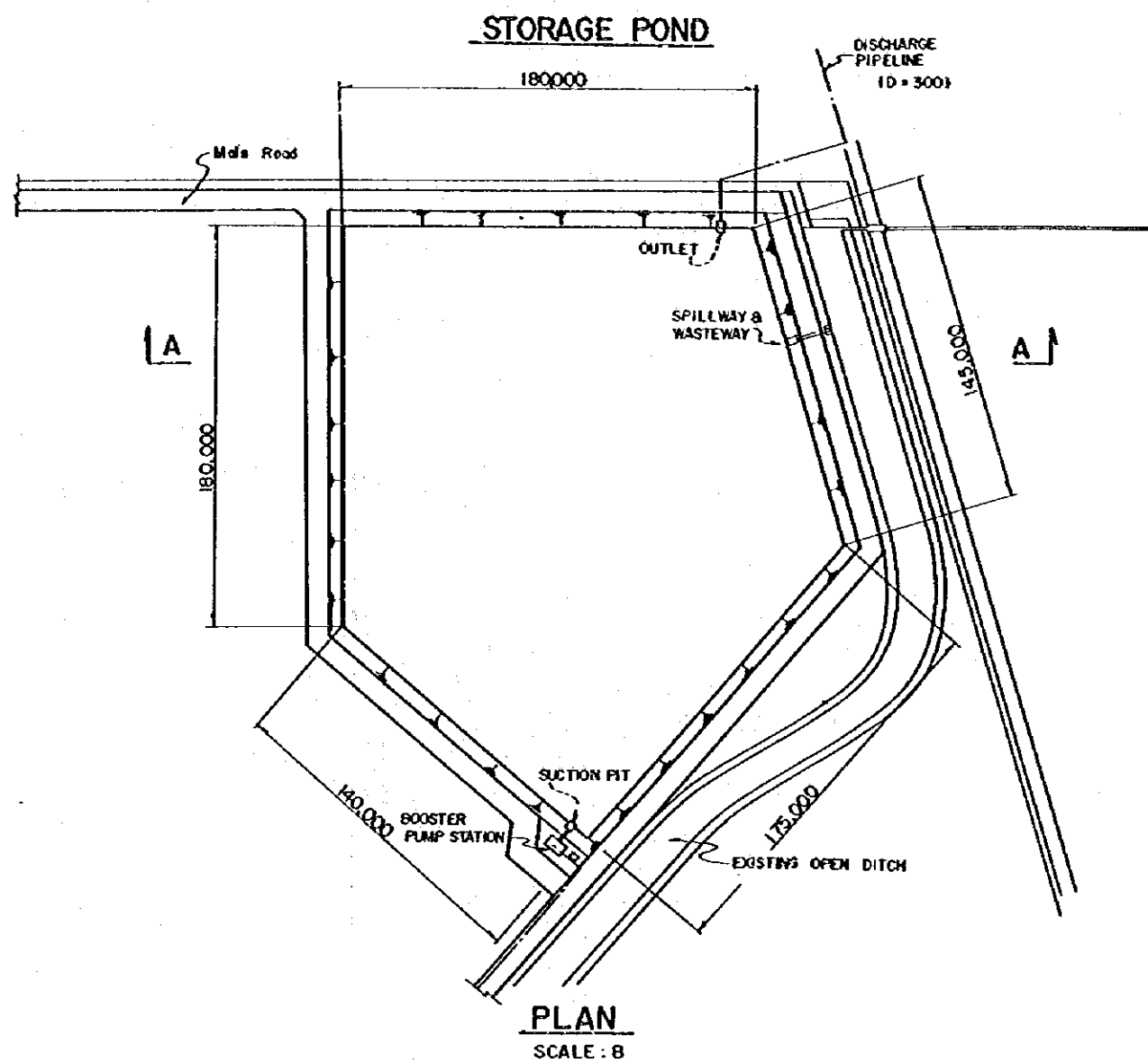
TYPICAL CROSS SECTION OF EXCAVATION
SCALE : B

THE REPUBLIC OF KENYA
THE IMPROVEMENT PROJECT OF THE PILOT FARM
OF JOMO KENYATTA COLLEGE
OF AGRICULTURE AND TECHNOLOGY

TITLE OF DRAWING
DISCHARGE PIPELINE

JAPAN INTERNATIONAL COOPERATION AGENCY

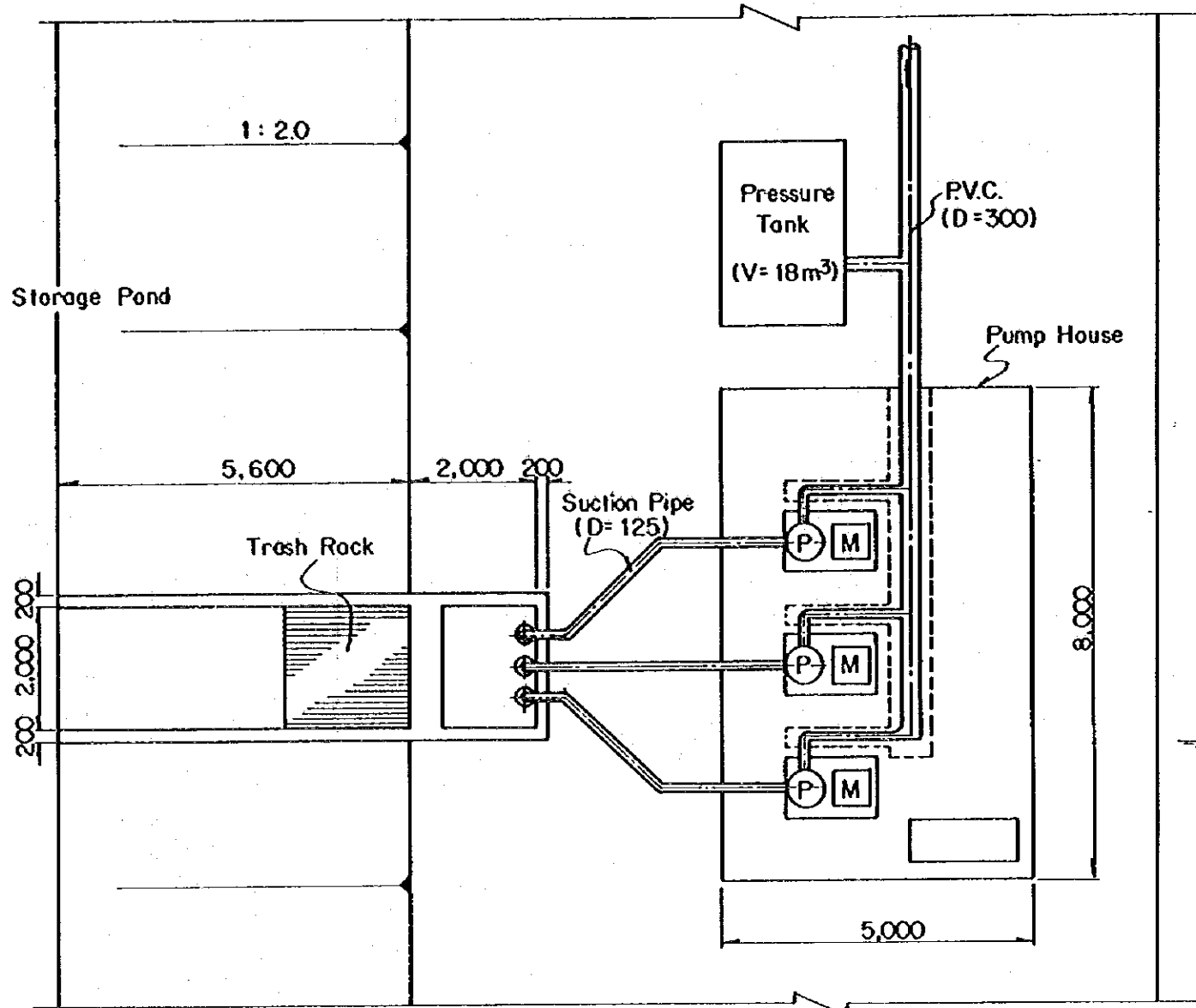
DWG NO. 203



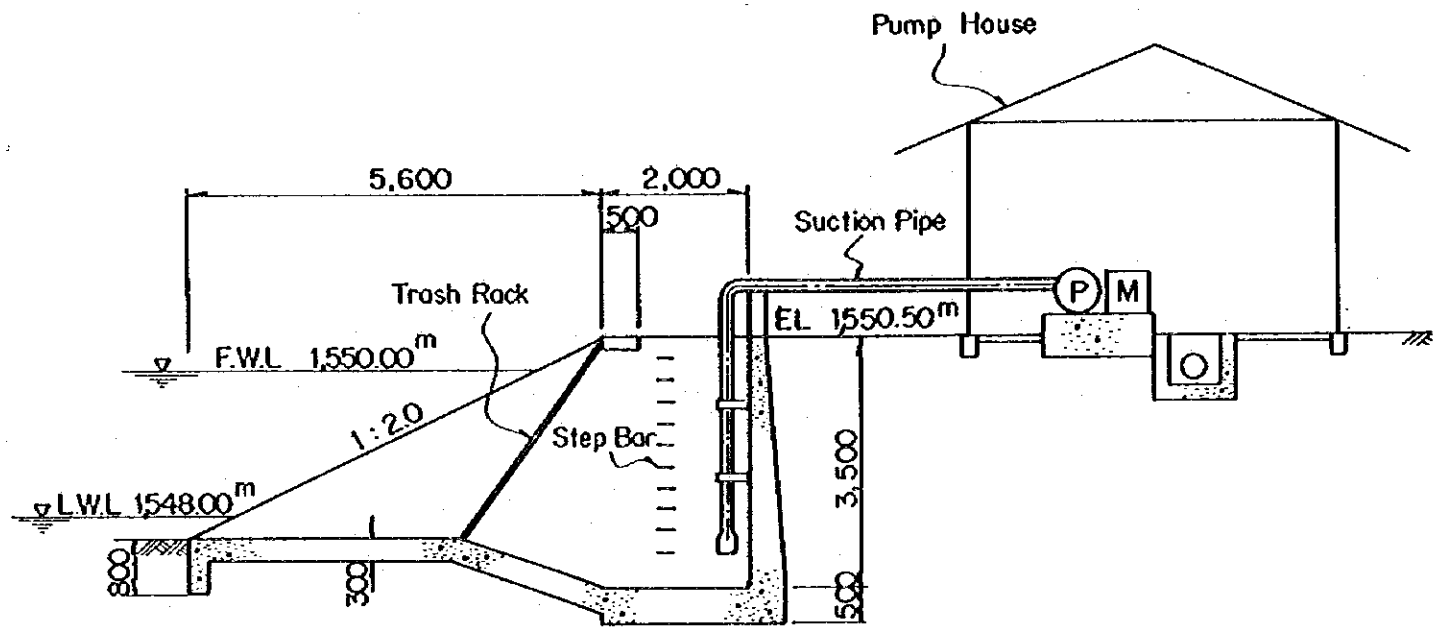
SCALE : A 0 10 50m

SCALE : B 0 50 100m

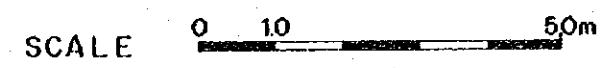
THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING STORAGE POND AND RELATED STRUTURES	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO 204



PLAN

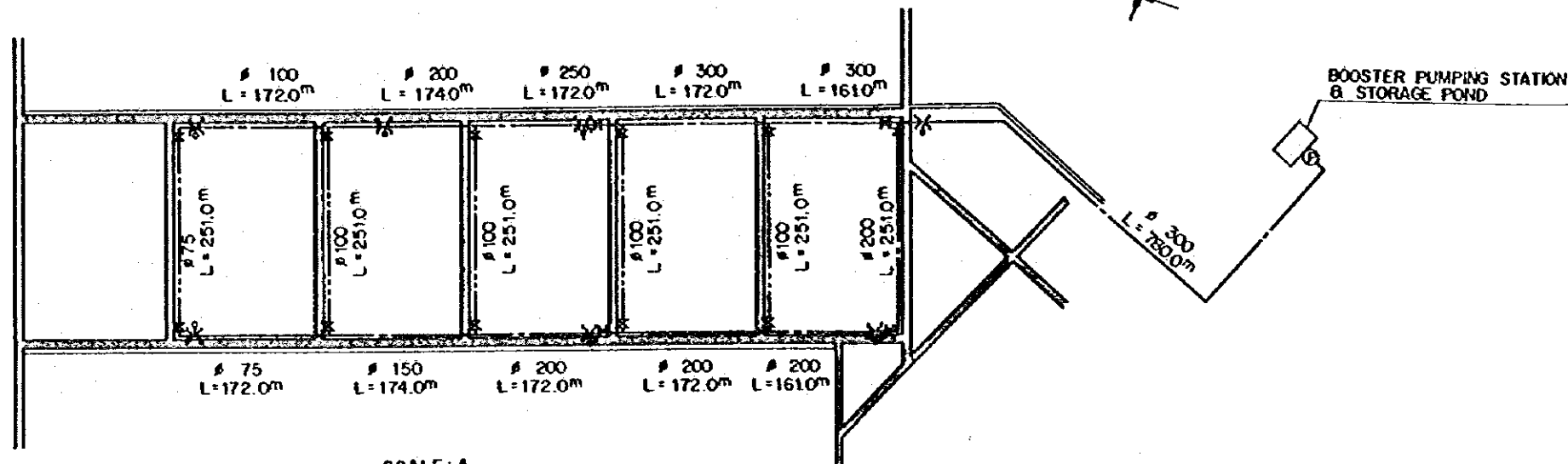


CROSS SECTION



THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING BOOSTER PUMPING STATION	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 205

LAYOUT OF PIPELINE

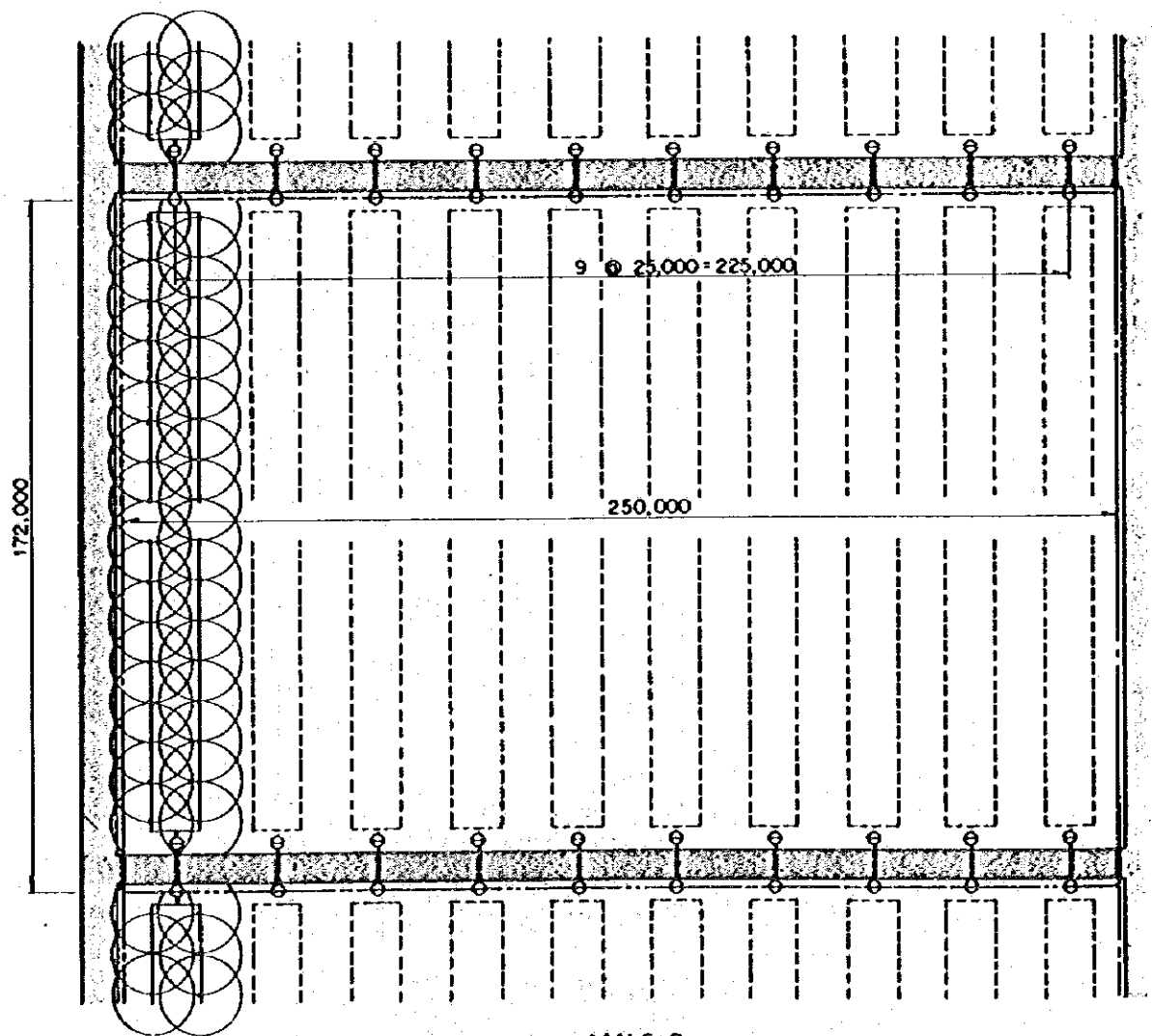


LEGEND

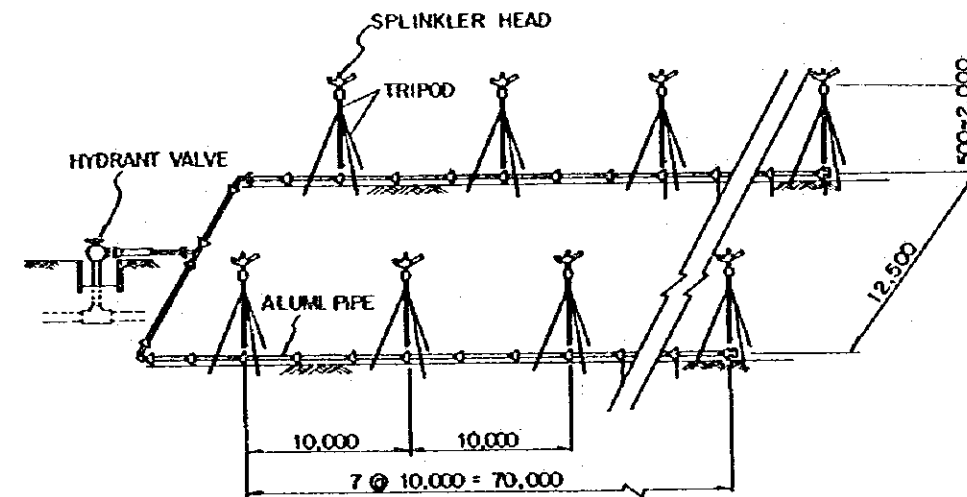
- MAIN PIPELINE
- SECONDARY PIPELINE
- M CHECK VALVE
- X AIR VALVE
- X BLOW OFF VALVE
- o HYDRANT VALVE
- ▨ FARM ROAD

SCALE: A

SPLINKLER SYSTEM

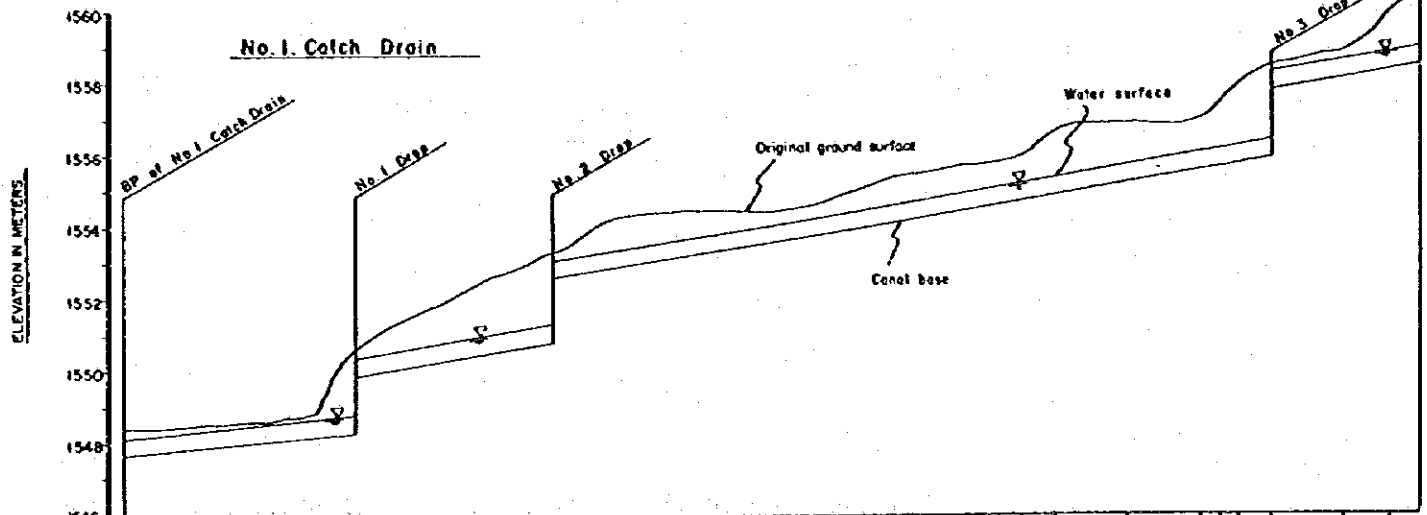


SCALE: B

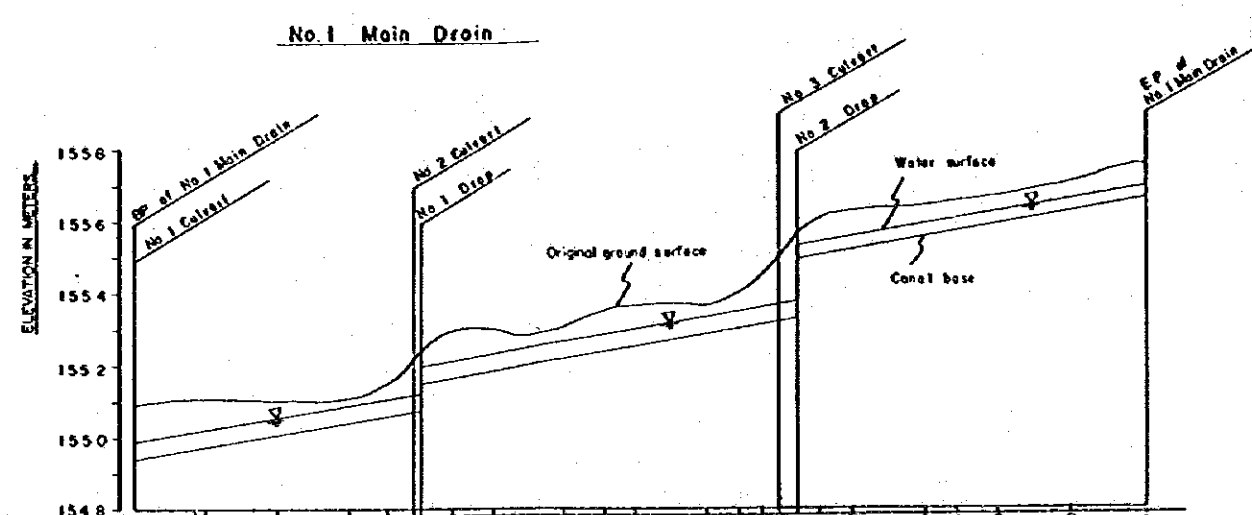


SCALE: A 0 100 200m
SCALE: B 0 10 20 30 40m

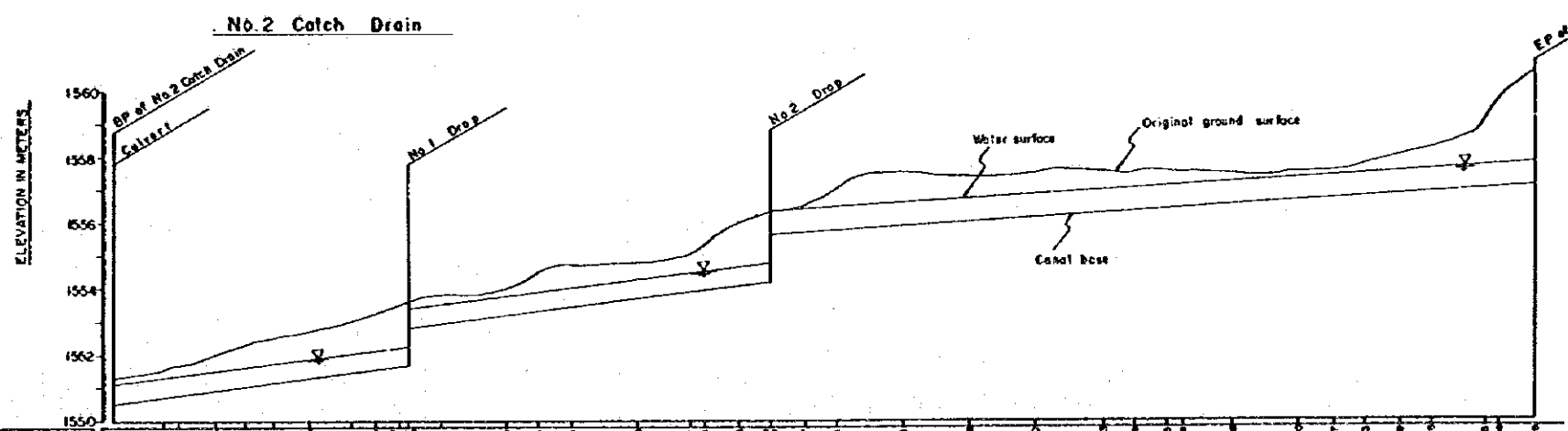
THE REPUBLIC OF KENYA	
THE IMPROVEMENT PROJECT OF THE PILOT FARM	
OF JOMO KENYATTA COLLEGE	
OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING	
IRRIGATION PIPELINE AND SPRINKLER SYSTEM	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 206



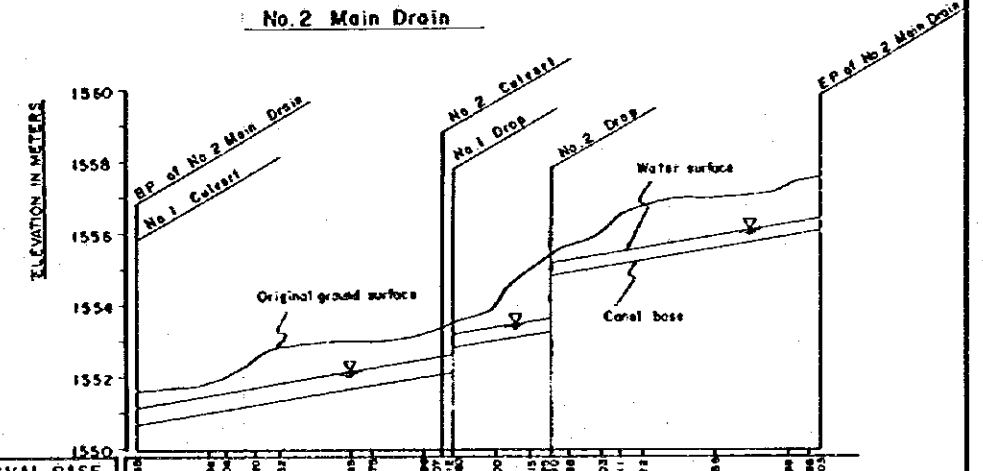
CANAL BASE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION
1548.00	1548.00	1548.00	0	0	St 0+00
1548.00	1548.00	1548.00	100	100	St 0+100
1548.00	1548.00	1548.00	200	200	St 0+200
1548.00	1548.00	1548.00	300	300	St 0+300
1548.00	1548.00	1548.00	400	400	St 0+400
1548.00	1548.00	1548.00	500	500	St 0+500
1548.00	1548.00	1548.00	600	600	St 0+600
1548.00	1548.00	1548.00	700	700	St 0+700
1548.00	1548.00	1548.00	800	800	St 0+800
1548.00	1548.00	1548.00	900	900	St 0+900
1548.00	1548.00	1548.00	1000	1000	St 0+1000
1548.00	1548.00	1548.00	1100	1100	St 0+1100
1548.00	1548.00	1548.00	1200	1200	St 0+1200
1548.00	1548.00	1548.00	1300	1300	St 0+1300
1548.00	1548.00	1548.00	1400	1400	St 0+1400
1548.00	1548.00	1548.00	1500	1500	St 0+1500
1548.00	1548.00	1548.00	1600	1600	St 0+1600
1548.00	1548.00	1548.00	1700	1700	St 0+1700
1548.00	1548.00	1548.00	1800	1800	St 0+1800
1548.00	1548.00	1548.00	1900	1900	St 0+1900
1548.00	1548.00	1548.00	2000	2000	St 0+2000



CANAL BASE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION
1548.00	1548.00	1548.00	0	0	St 0+00
1548.00	1548.00	1548.00	100	100	St 0+100
1548.00	1548.00	1548.00	200	200	St 0+200
1548.00	1548.00	1548.00	300	300	St 0+300
1548.00	1548.00	1548.00	400	400	St 0+400
1548.00	1548.00	1548.00	500	500	St 0+500
1548.00	1548.00	1548.00	600	600	St 0+600
1548.00	1548.00	1548.00	700	700	St 0+700
1548.00	1548.00	1548.00	800	800	St 0+800
1548.00	1548.00	1548.00	900	900	St 0+900
1548.00	1548.00	1548.00	1000	1000	St 0+1000
1548.00	1548.00	1548.00	1100	1100	St 0+1100
1548.00	1548.00	1548.00	1200	1200	St 0+1200
1548.00	1548.00	1548.00	1300	1300	St 0+1300
1548.00	1548.00	1548.00	1400	1400	St 0+1400
1548.00	1548.00	1548.00	1500	1500	St 0+1500
1548.00	1548.00	1548.00	1600	1600	St 0+1600
1548.00	1548.00	1548.00	1700	1700	St 0+1700
1548.00	1548.00	1548.00	1800	1800	St 0+1800
1548.00	1548.00	1548.00	1900	1900	St 0+1900
1548.00	1548.00	1548.00	2000	2000	St 0+2000



CANAL BASE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION
1550.00	1550.00	1550.00	0	0	St 0+00
1550.00	1550.00	1550.00	100	100	St 0+100
1550.00	1550.00	1550.00	200	200	St 0+200
1550.00	1550.00	1550.00	300	300	St 0+300
1550.00	1550.00	1550.00	400	400	St 0+400
1550.00	1550.00	1550.00	500	500	St 0+500
1550.00	1550.00	1550.00	600	600	St 0+600
1550.00	1550.00	1550.00	700	700	St 0+700
1550.00	1550.00	1550.00	800	800	St 0+800
1550.00	1550.00	1550.00	900	900	St 0+900
1550.00	1550.00	1550.00	1000	1000	St 0+1000
1550.00	1550.00	1550.00	1100	1100	St 0+1100
1550.00	1550.00	1550.00	1200	1200	St 0+1200
1550.00	1550.00	1550.00	1300	1300	St 0+1300
1550.00	1550.00	1550.00	1400	1400	St 0+1400
1550.00	1550.00	1550.00	1500	1500	St 0+1500
1550.00	1550.00	1550.00	1600	1600	St 0+1600
1550.00	1550.00	1550.00	1700	1700	St 0+1700
1550.00	1550.00	1550.00	1800	1800	St 0+1800
1550.00	1550.00	1550.00	1900	1900	St 0+1900
1550.00	1550.00	1550.00	2000	2000	St 0+2000



CANAL BASE ELEVATION	WATER SURFACE ELEVATION	GROUND SURFACE ELEVATION	REDUCED DISTANCE	DISTANCE	STATION
1550.00	1550.00	1550.00	0	0	St 0+00
1550.00	1550.00	1550.00	100	100	St 0+100
1550.00	1550.00	1550.00	200	200	St 0+200
1550.00	1550.00	1550.00	300	300	St 0+300
1550.00	1550.00	1550.00	400	400	St 0+400
1550.00	1550.00	1550.00	500	500	St 0+500
1550.00	1550.00	1550.00	600	600	St 0+600
1550.00	1550.00	1550.00	700	700	St 0+700
1550.00	1550.00	1550.00	800	800	St 0+800
1550.00	1550.00	1550.00	900	900	St 0+900
1550.00	1550.00	1550.00	1000	1000	St 0+1000
1550.00	1550.00	1550.00	1100	1100	St 0+1100
1550.00	1550.00	1550.00	1200	1200	St 0+1200
1550.00	1550.00	1550.00	1300	1300	St 0+1300
1550.00	1550.00	1550.00	1400	1400	St 0+1400
1550.00	1550.00	1550.00	1500	1500	St 0+1500
1550.00	1550.00	1550.00	1600	1600	St 0+1600
1550.00	1550.00	1550.00	1700	1700	St 0+1700
1550.00	1550.00	1550.00	1800	1800	St 0+1800
1550.00	1550.00	1550.00	1900	1900	St 0+1900
1550.00	1550.00	1550.00	2000	2000	St 0+2000

SCALE : A 0 50 100 200 500(m)

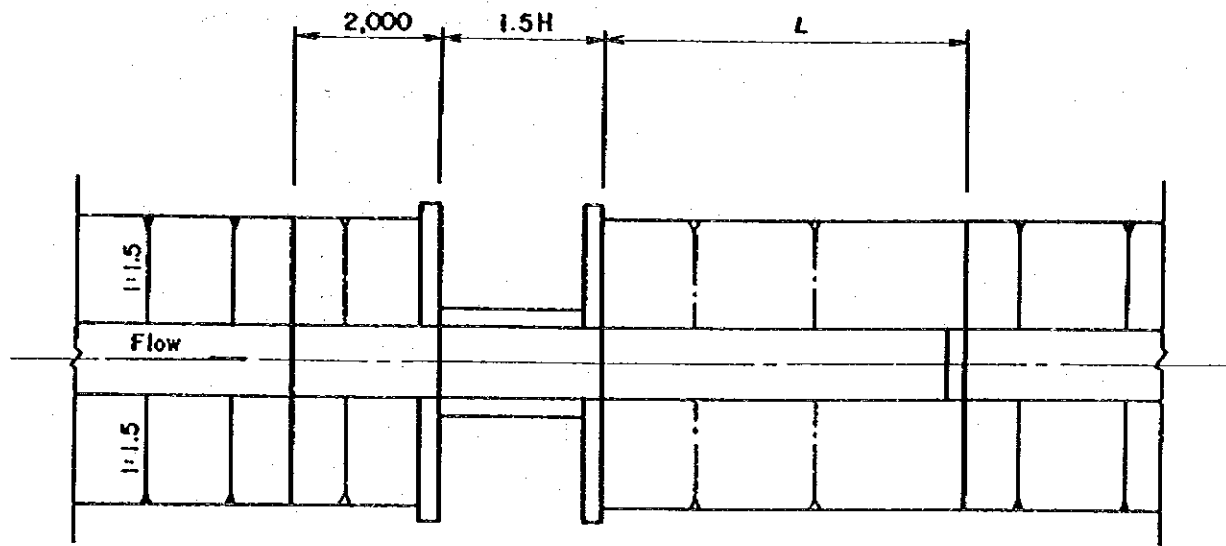
THE REPUBLIC OF KENYA
 THE IMPROVEMENT PROJECT OF THE PILOT FARM
 OF JOMO KENYATTA COLLEGE
 OF AGRICULTURE AND TECHNOLOGY

TITLE OF DRAWING
PROFILE OF DRAINAGE CANAL

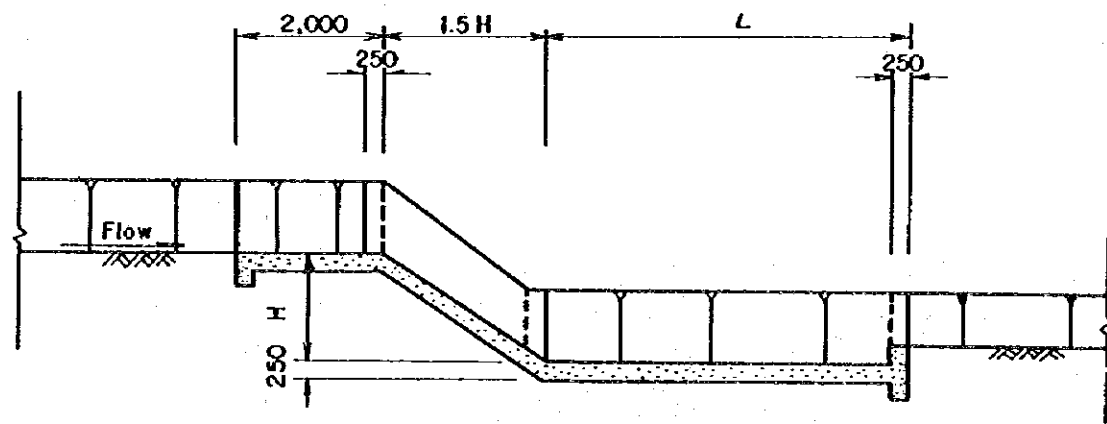
JAPAN INTERNATIONAL COOPERATION AGENCY

DWG NO.
208

DRAINAGE DROP

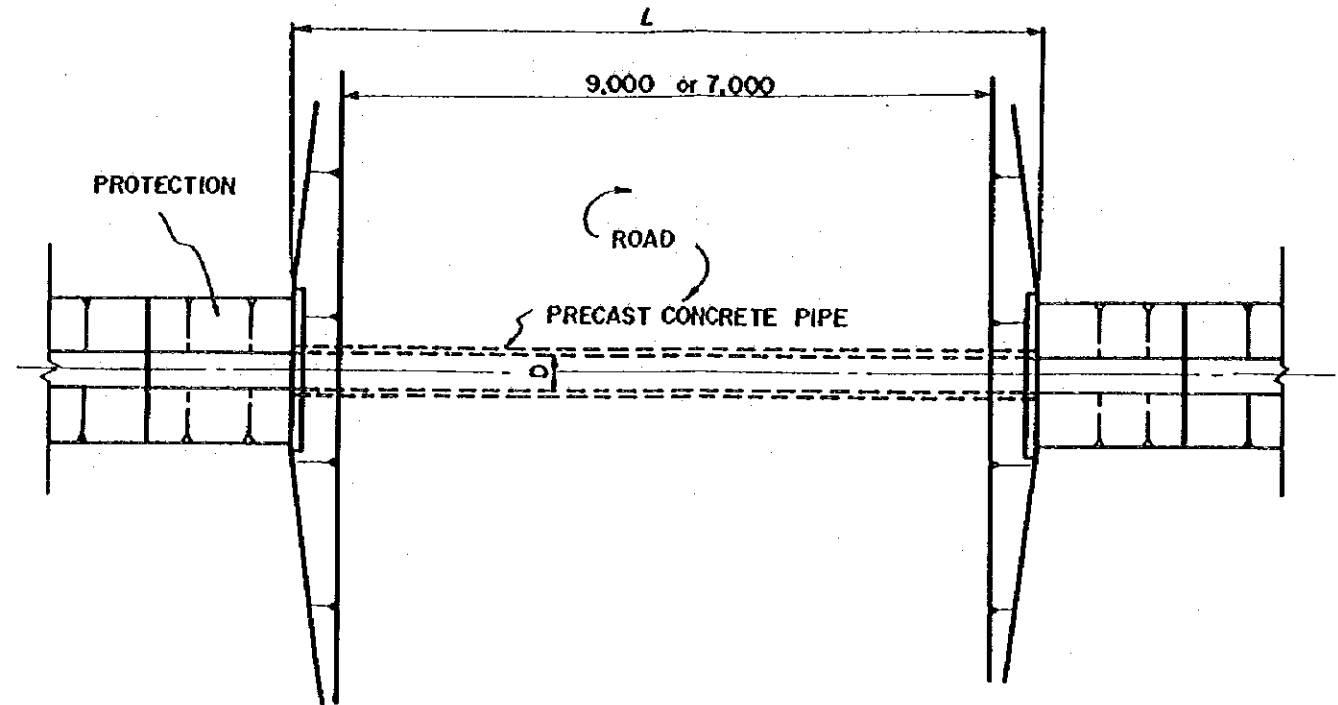


PLAN

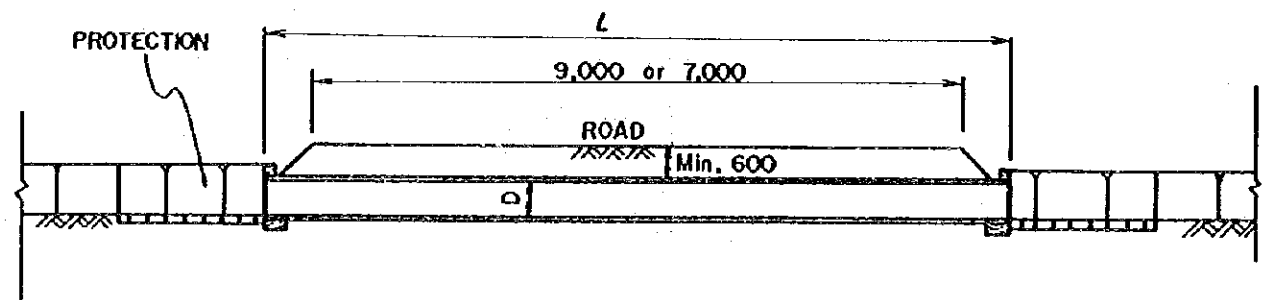


PROFILE

DRAINAGE CULVERT



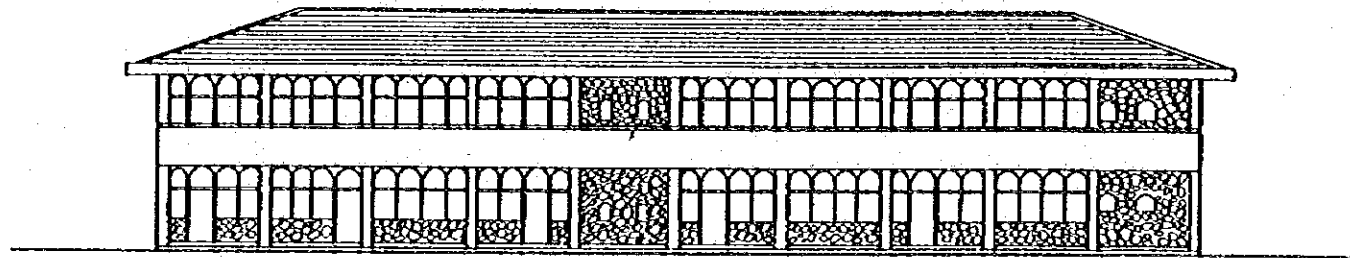
PLAN



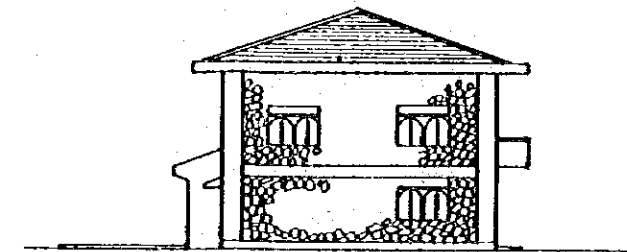
PROFILE

SCALE : 0 1.0 2.0 40m

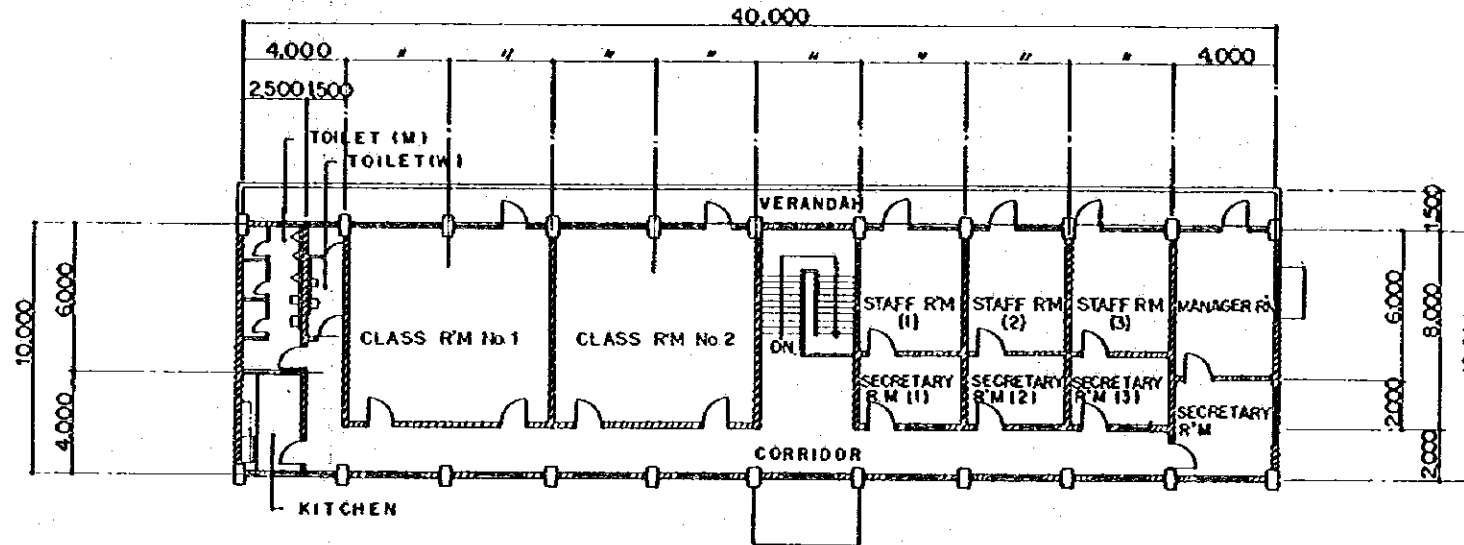
THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING DRAINAGE CULVERT AND DRAINAGE DROP	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 209



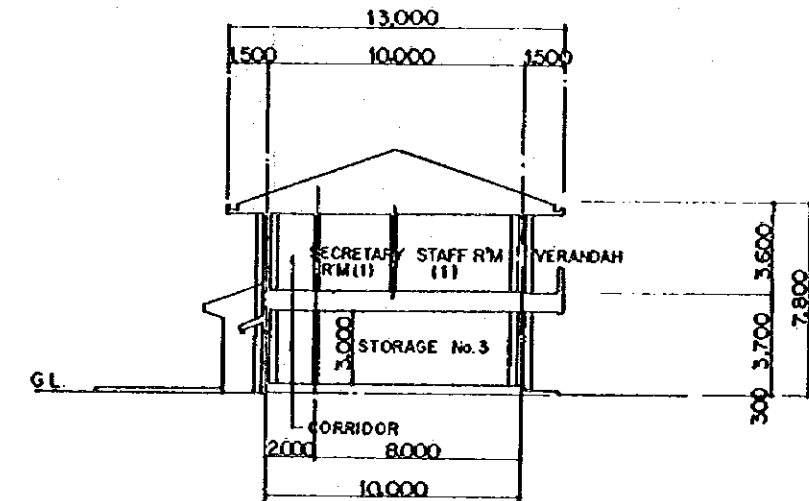
REAR ELEVATION



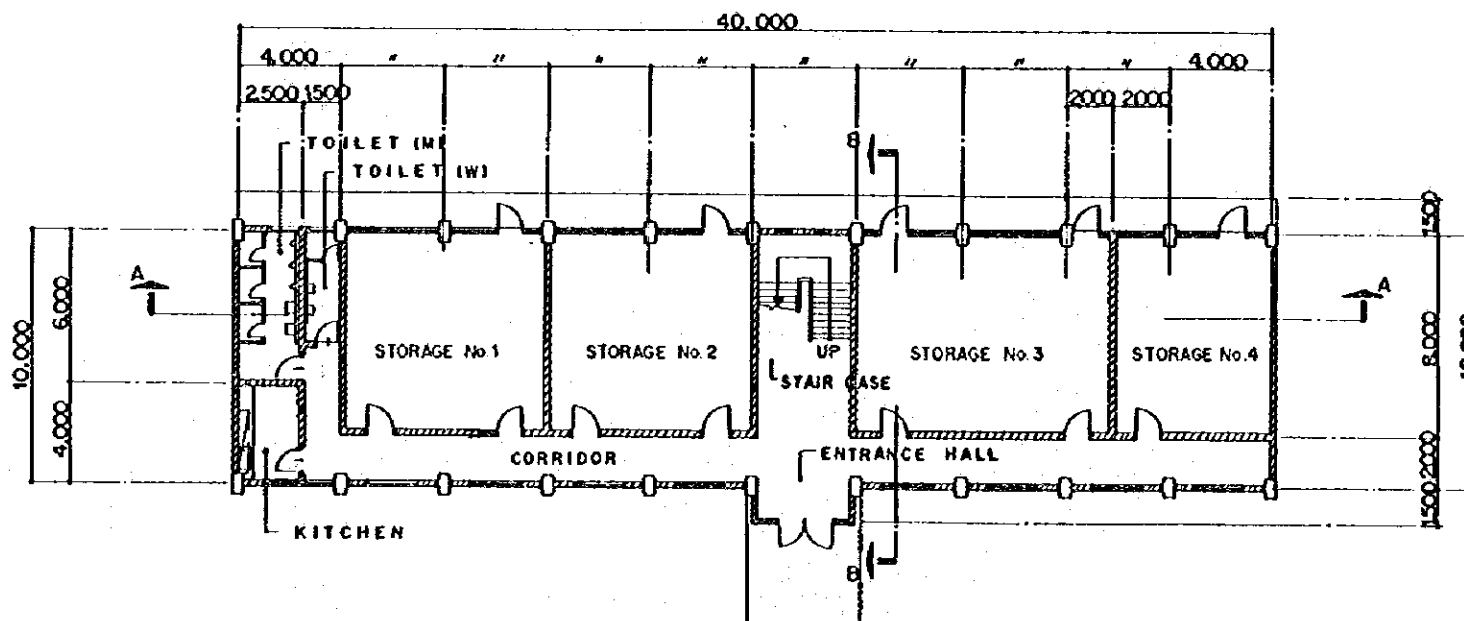
SIDE ELEVATION



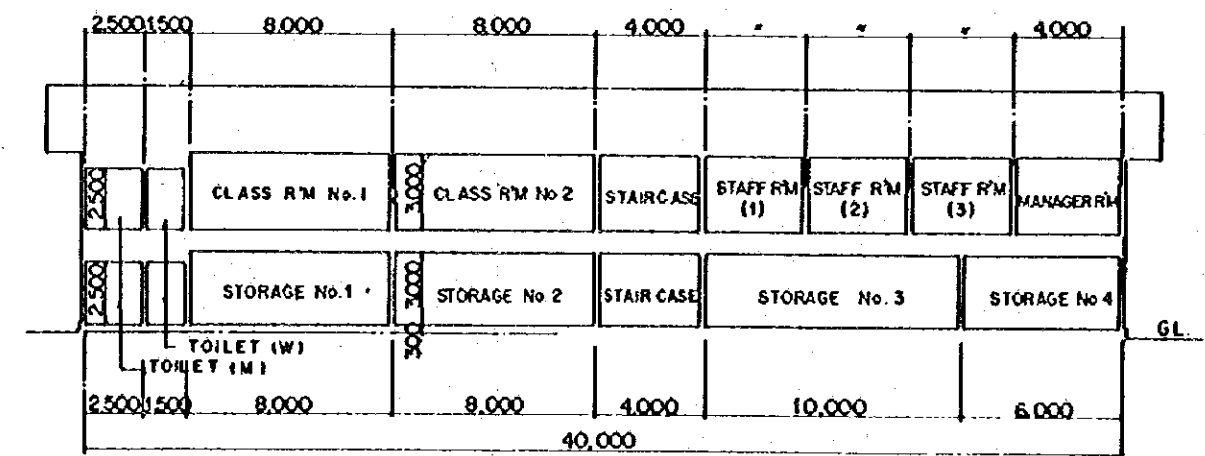
2nd. FLOOR PLAN (400 M²)



B - B SECTION



1st. FLOOR PLAN (406 M²)



A - A SECTION



SCALE
(1:200)

(Total building area; 806 M²)

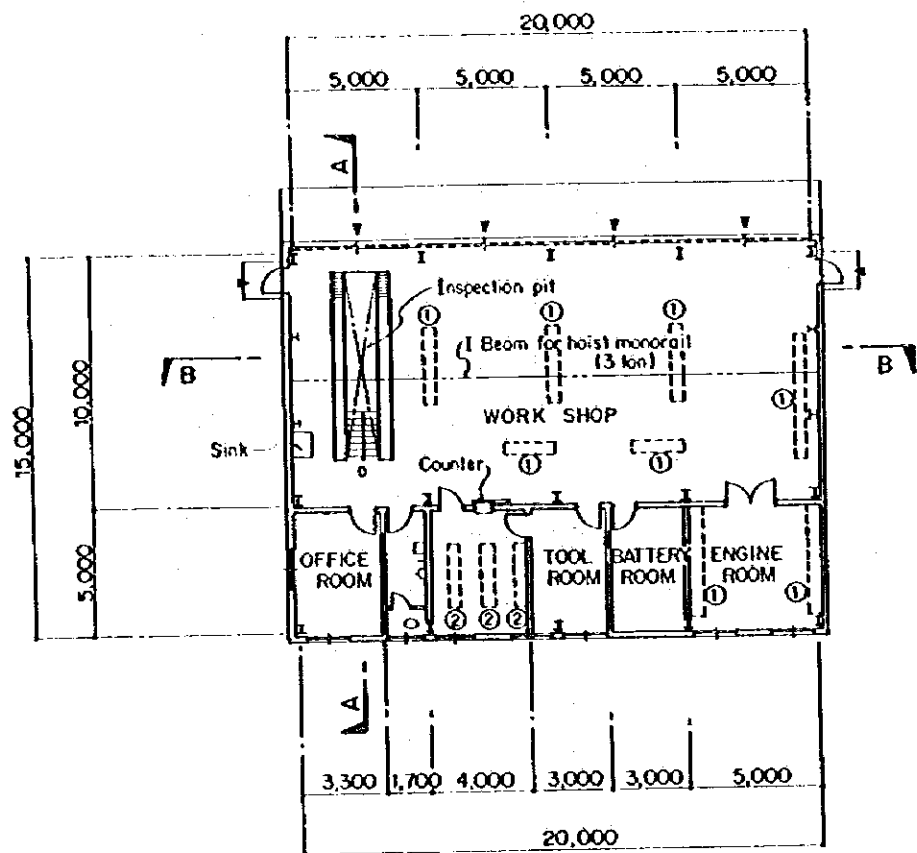
THE REPUBLIC OF KENYA
THE IMPROVEMENT PROJECT OF THE PILOT FARM
OF JOMO KENYATTA COLLEGE
OF AGRICULTURE AND TECHNOLOGY

TITLE OF DRAWING

FARM MANAGEMENT BUILDING

JAPAN INTERNATIONAL COOPERATION AGENCY

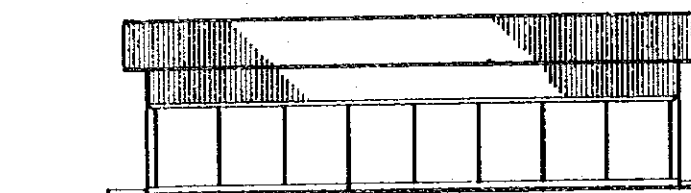
DWG NO
300



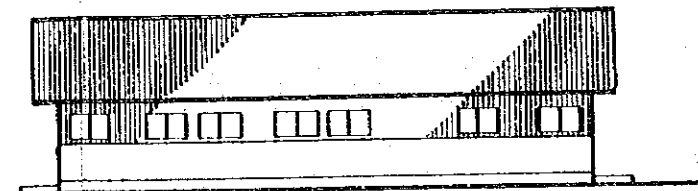
PLAN
(Building area : 300 M²)

NOTE

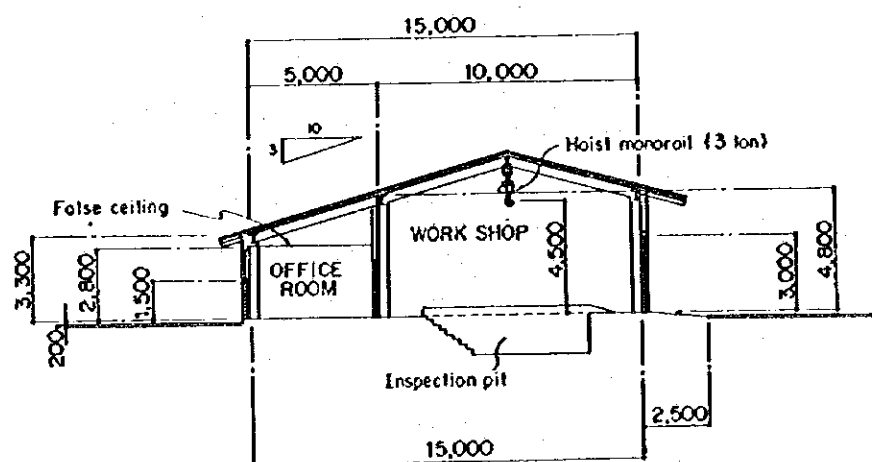
- ① Tool and parts stand
- ② Parts rack



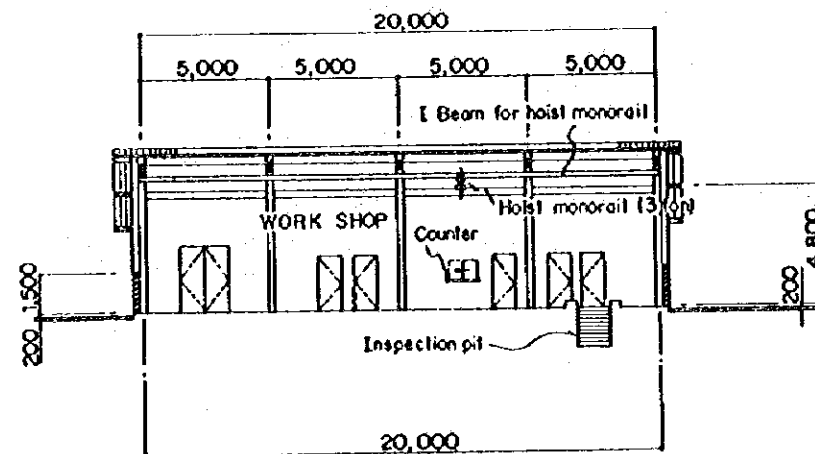
FRONT ELEVATION



REAR ELEVATION



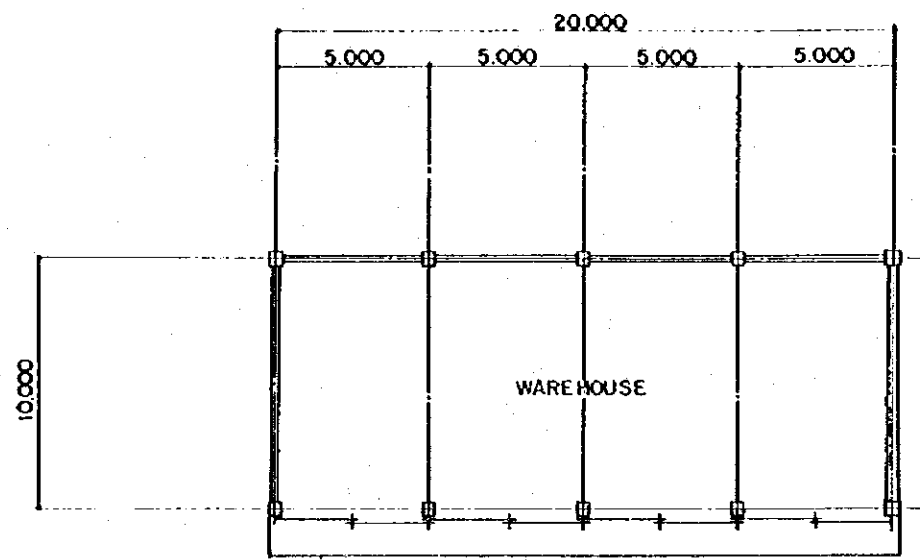
SECTION A-A



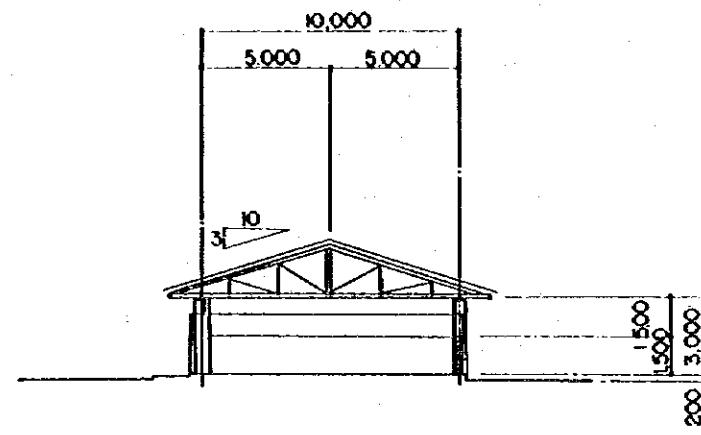
SECTION B-B



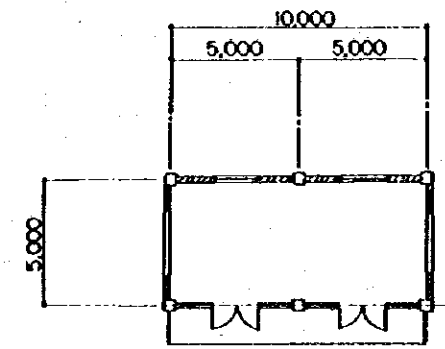
THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING	
WORK SHOP	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 301



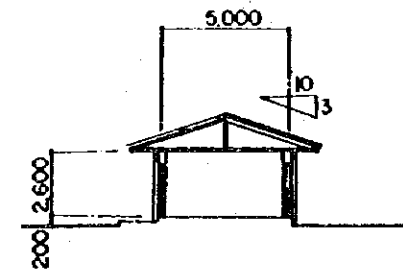
PLAN
(Building area : 200 M²)



SECTION



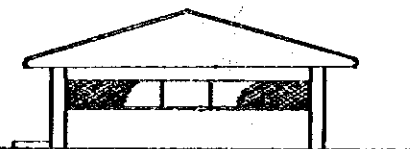
PLAN
(Building area : 50 M²)



SECTION



ELEVATION



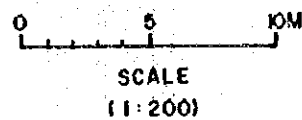
ELEVATION



ELEVATION

HUT

WAREHOUSE



THE REPUBLIC OF KENYA THE IMPROVEMENT PROJECT OF THE PILOT FARM OF JOMO KENYATTA COLLEGE OF AGRICULTURE AND TECHNOLOGY	
TITLE OF DRAWING WAREHOUSE AND FARM HUT	
JAPAN INTERNATIONAL COOPERATION AGENCY	DWG NO. 302

JICA