SUPPORTING REPORT F

SUPPLEMENTARY STUDY

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1. Location Plan of Pipeline (First Stage and Final Stage)

Drawing List

Drawing No.	IKK	Number of Drawing
1	BULAKAMBA	1
2	JERUKLEGI	2
3	KEMIRI	1
4	MADUKARA	1
5	PUNGGELAN	1
6	KARANGGAYAM	1
7	PETANAHAN	1
8	SUKOREJO	3
9	JEPON	1
10	BATANGAN	1
11	GONDANG	1
12	JENAR	1
13	GIRIWOYO	1
14	BAWEN	2
15	BALEN	1
16	BAURENO	1
17	JENU	1
18	JIWAN	1
19	KEMBANGBAHU	1
20	DIWEK	1
21	KUTOREJO	1
22	TEMPEH	1
23	KUNIR	1
24	TEMPURSARI	1
25	BANYUANYAR	1
26	SUMBERASIH	1
27	TAMPAKSIRING	1
28	KETEWEL	1
29	MENANGA	1
30	SIBETAN	1

LEGEND

- : LOCATION OF WATER SOURCE
- : GROUND RESERVOIR
- : ELEVATED TANK
- : PUMP PIT
- : HYDROPHORE
- : BREAK PRESSURE TANK
- : AIR VALVE
- : WASH OUT
- : TREATMENT FACILITIES FOR LEAD
- : TREATMENT FACILITIES FOR IRON

- : TRANSMISSION PIPELINE
- : DISTRIBUTION PIPELINE
- : EXISTING PIPELINE
- : FLOW DIRECTION
- : GATE VALVE
- : END CAP
- Ø150 Ø100 : CHANGE OF DIAMETER PIPE
- : IKK SERVICE AREA BOUNDARY
- L : LENGTH OF PIPE (IN M)

① | ② : ① CONSTRUCTION FOR THE FIRST STAGE
② CONSTRUCTION FOR THE FINAL STAGE

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LEGEND
NOVEMBER 1991 | SCALE NOT TO SCALE | DRAWING NO 00
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BULAKAMBA (CENTRAL JAVA)

LOCATION OF PIPELINE

NOVEMBER 1991	SCALE 1 / 5 000	DRAWING NO. 1 - 1

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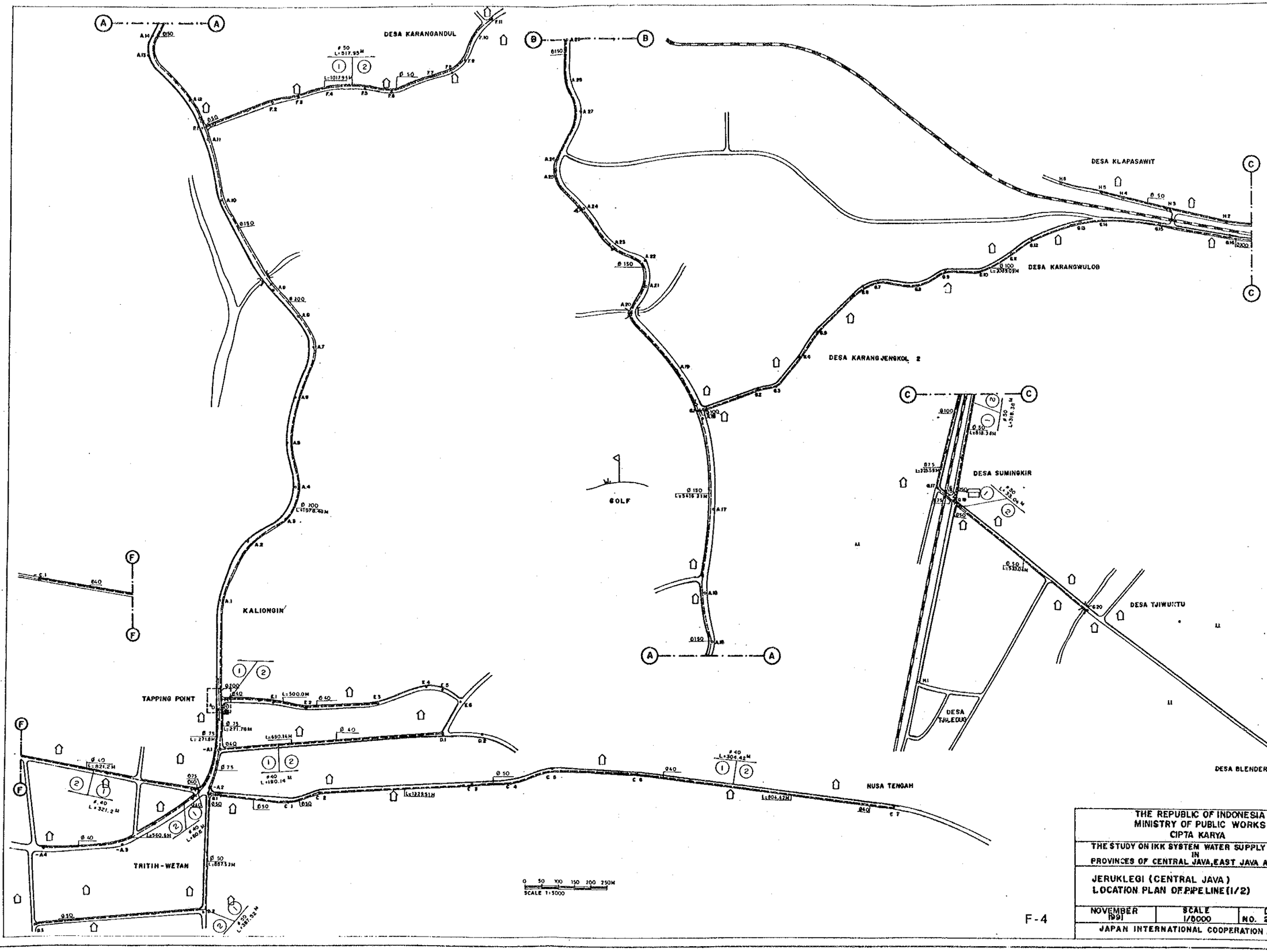

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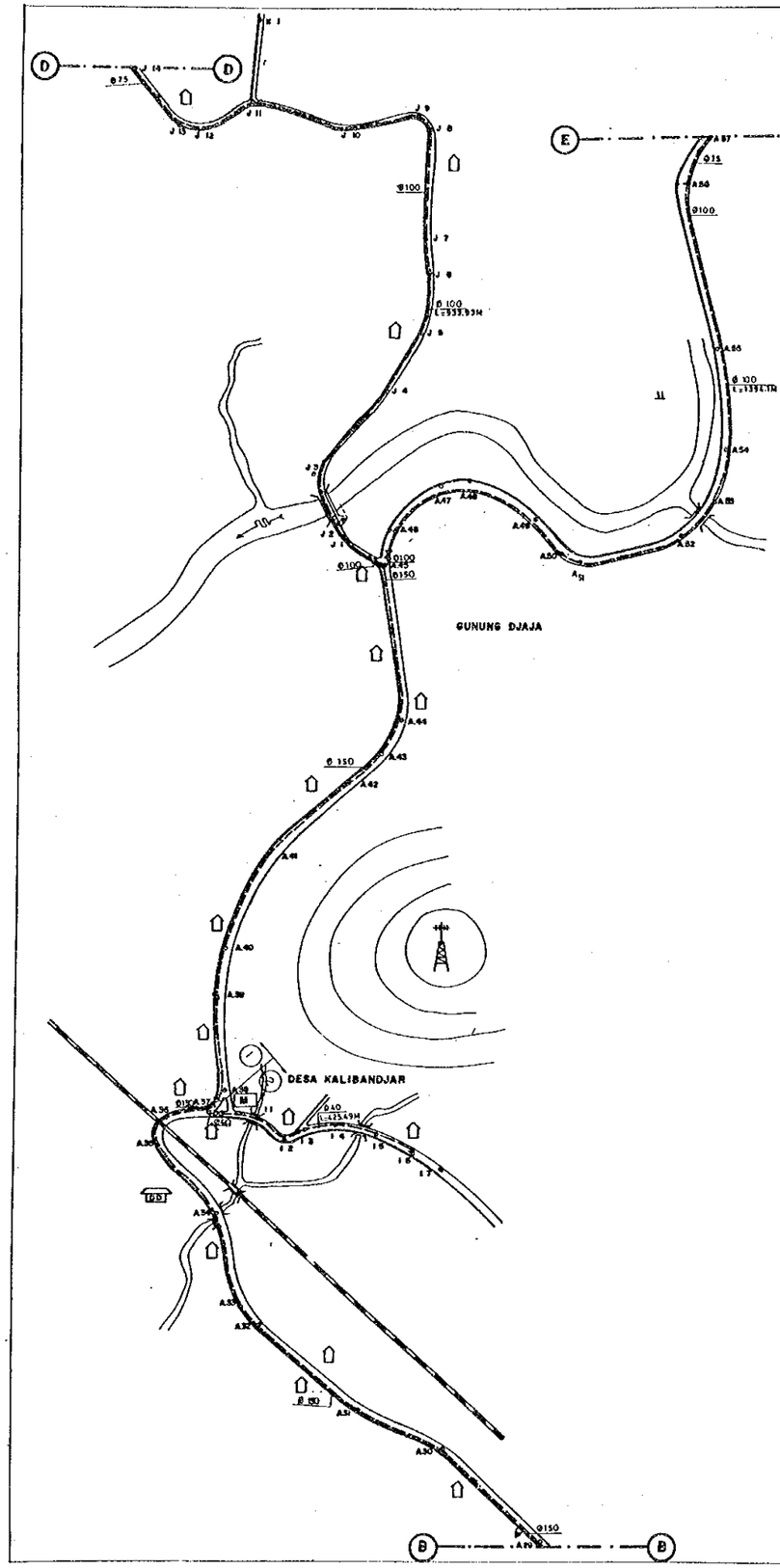
THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

JERUKLEGI (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE (1/2)

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 2-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

JERUKLEGI (CENTRAL JAVA).
LOCATION PLAN OF PIPE LINE (2/2)

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 2-2

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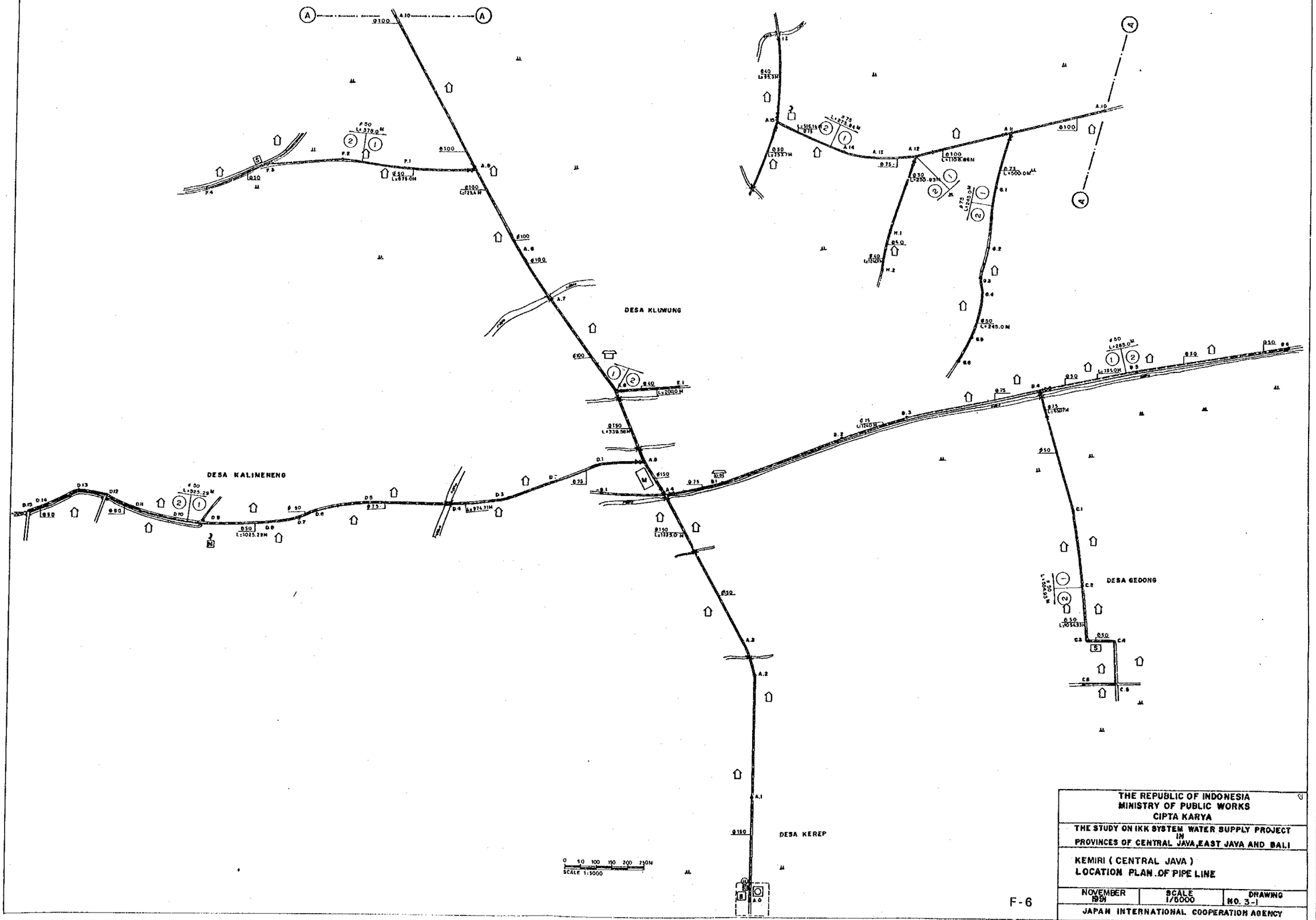

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KEMIRI (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 3-1

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MADUKARA (CENTRAL JAVA) LOCATION PLAN OF PIPELINE		
NOVEMBER 1991	SCALE 1/5000	NO. DRAWING 4-1
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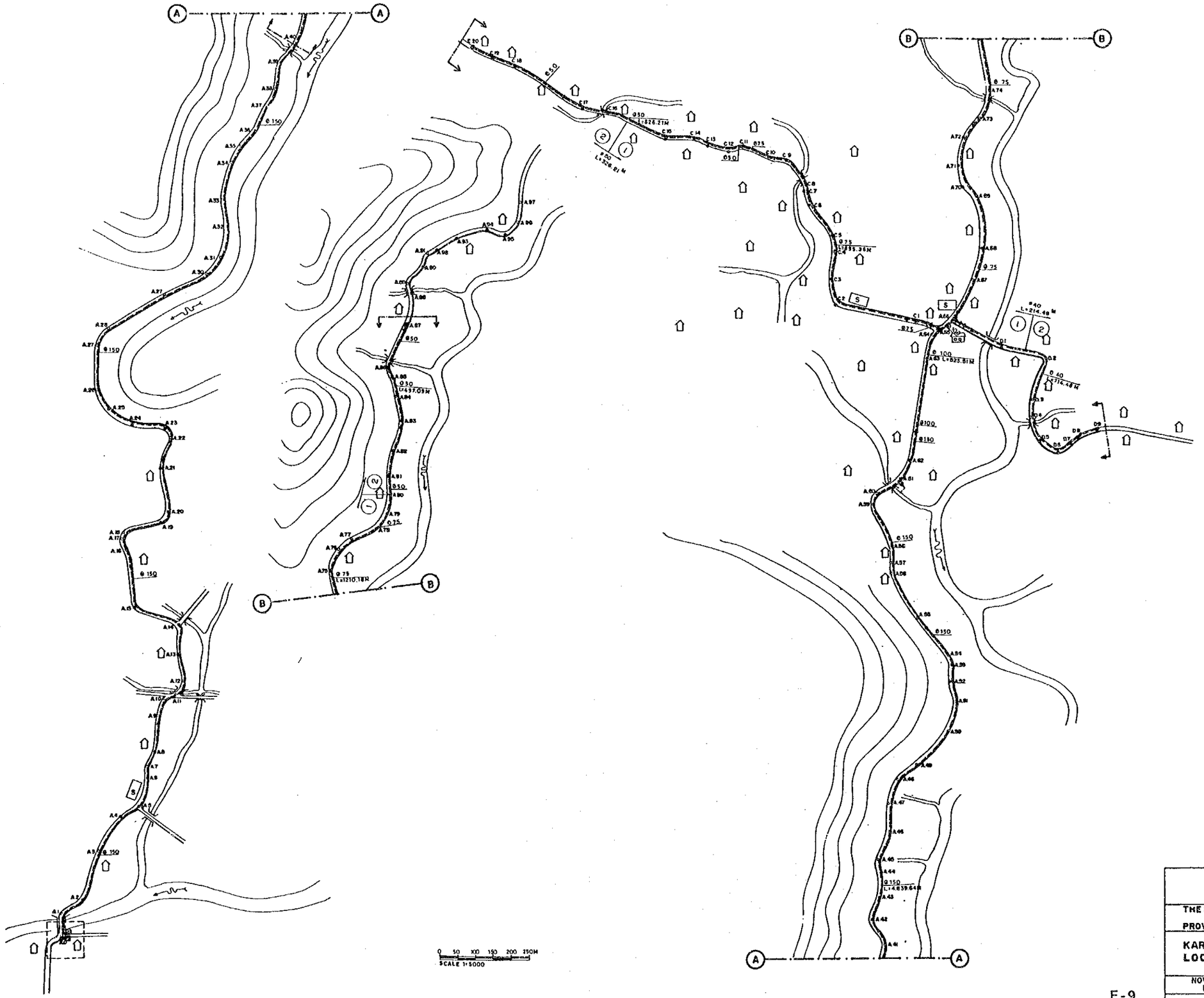
PUNGGELAN (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. B-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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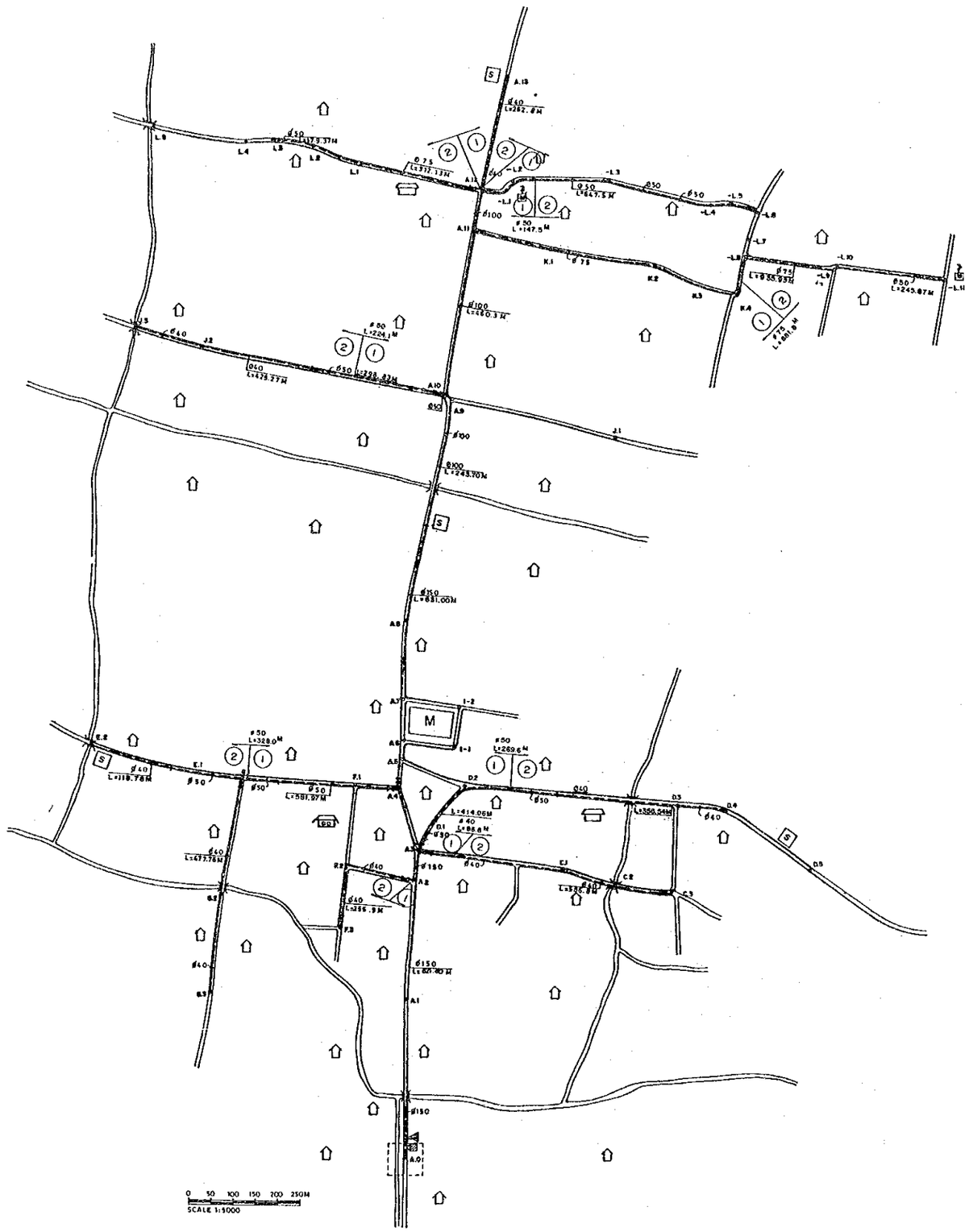
KARANGGAYAM (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 8-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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IN
PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

PETANAHAN (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 7-1

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SUKOREJO (CENTRAL JAVA) LOCATION PLAN OF PIPE LINE (1/3)		
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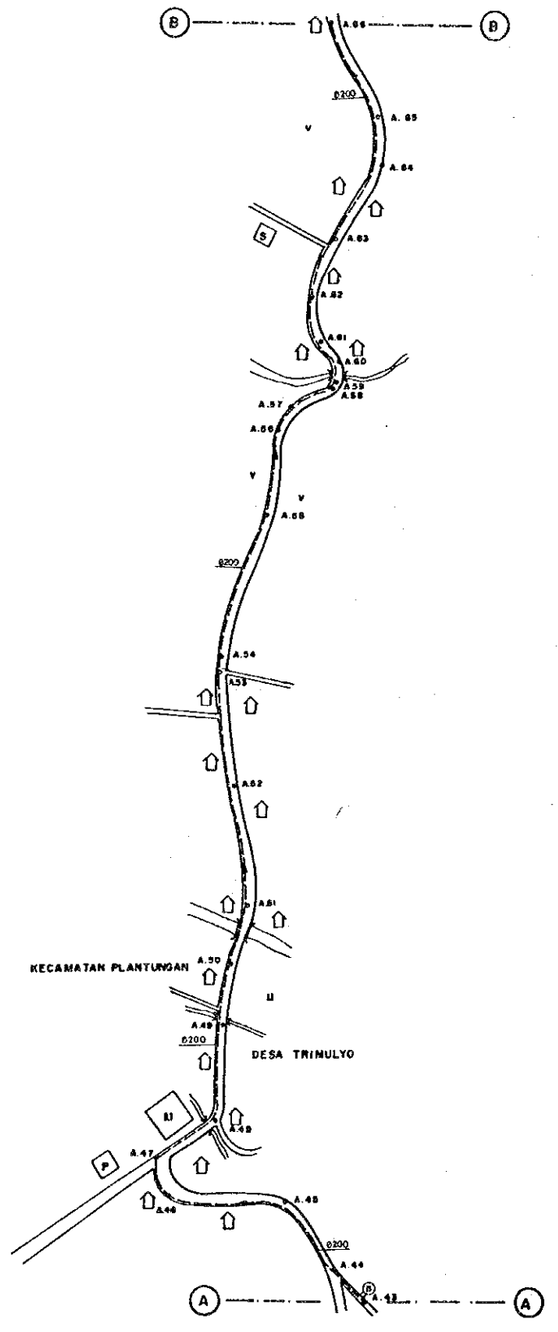
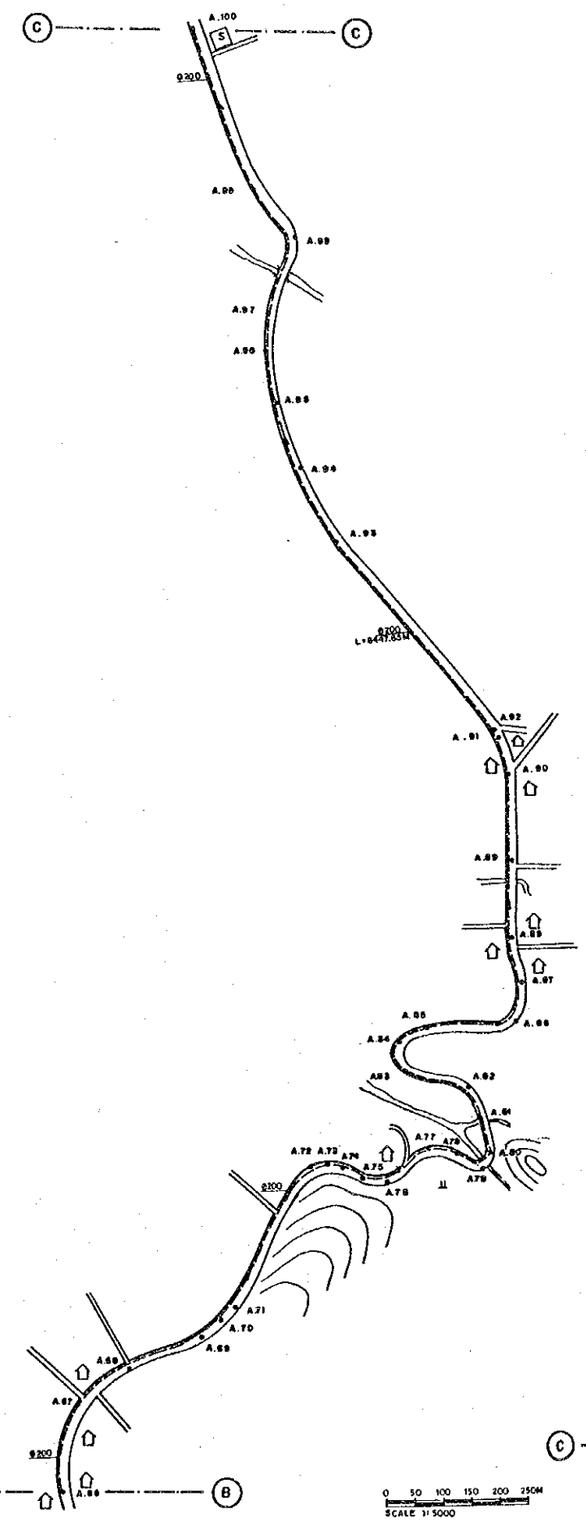
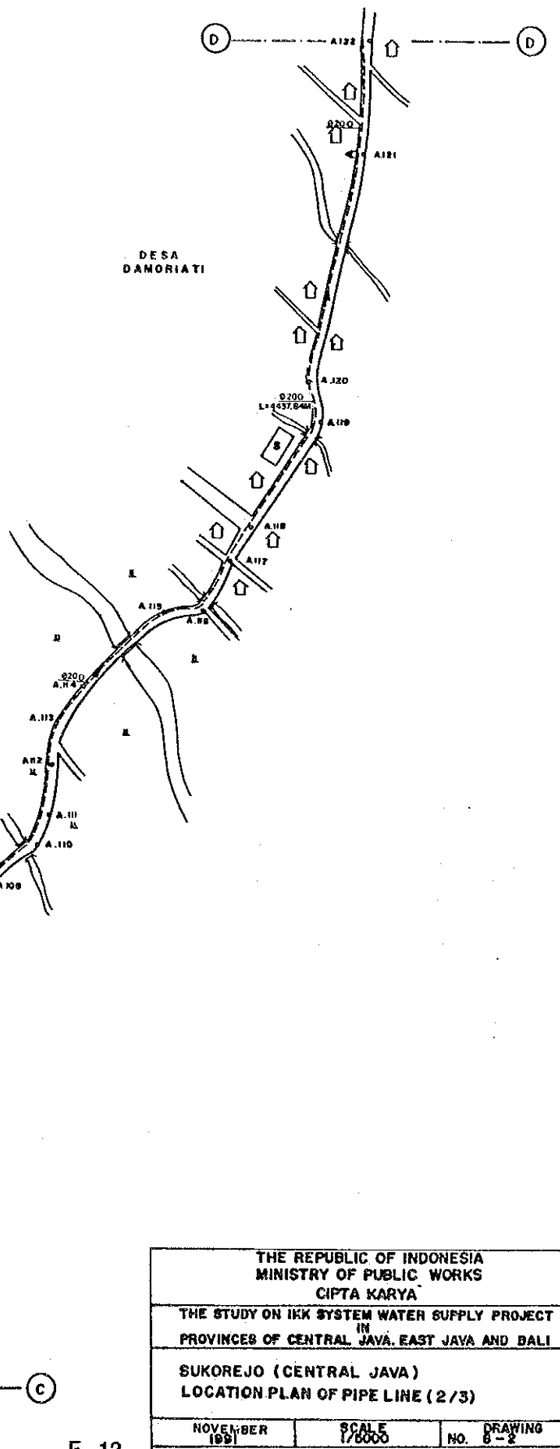
JAPAN INTERNATIONAL COOPERATION AGENCY		







SCALE 1:5000

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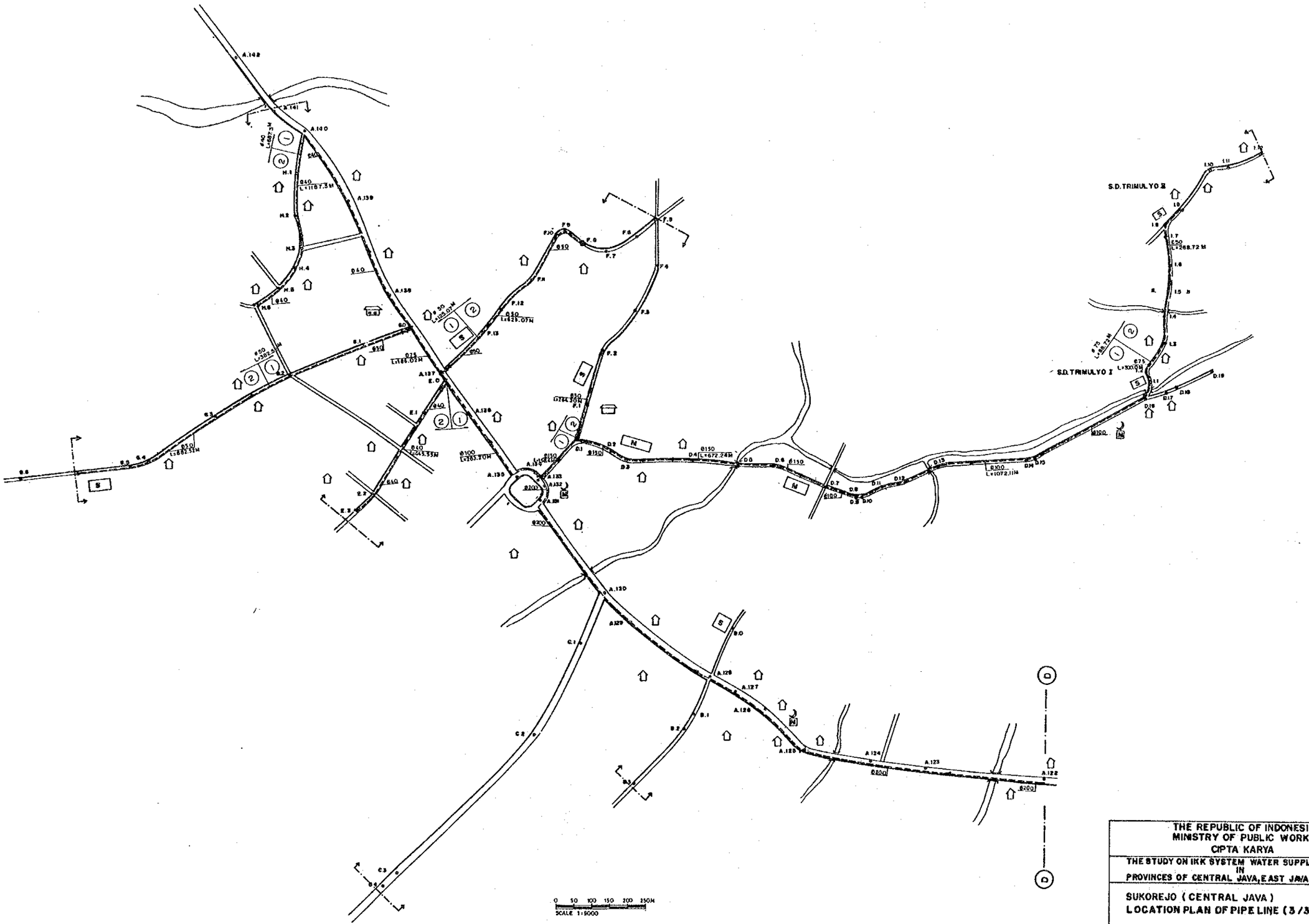
NOVEMBER 1991	SCALE 1/5000 — NO. DRAWING 8 - 2
JAPAN INTERNATIONAL COOPERATION AGENCY	



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THE STUDY ON IRK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

SUKOREJO (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE (3 / 3)

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 8 - 3

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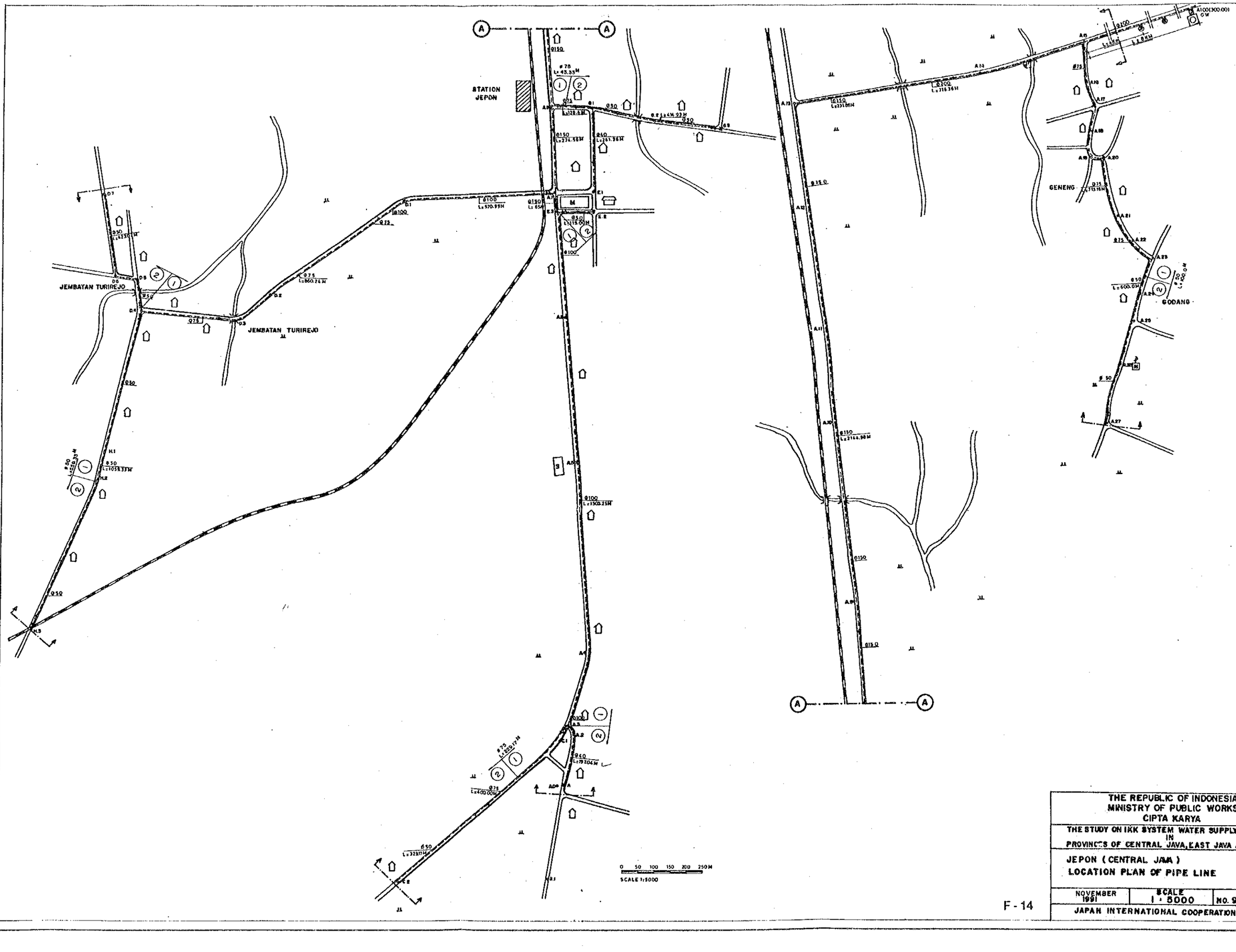

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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

JEPON (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1 : 5000	DRAWING NO. 9-1

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BATANGAN (CENTRAL JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 10-1

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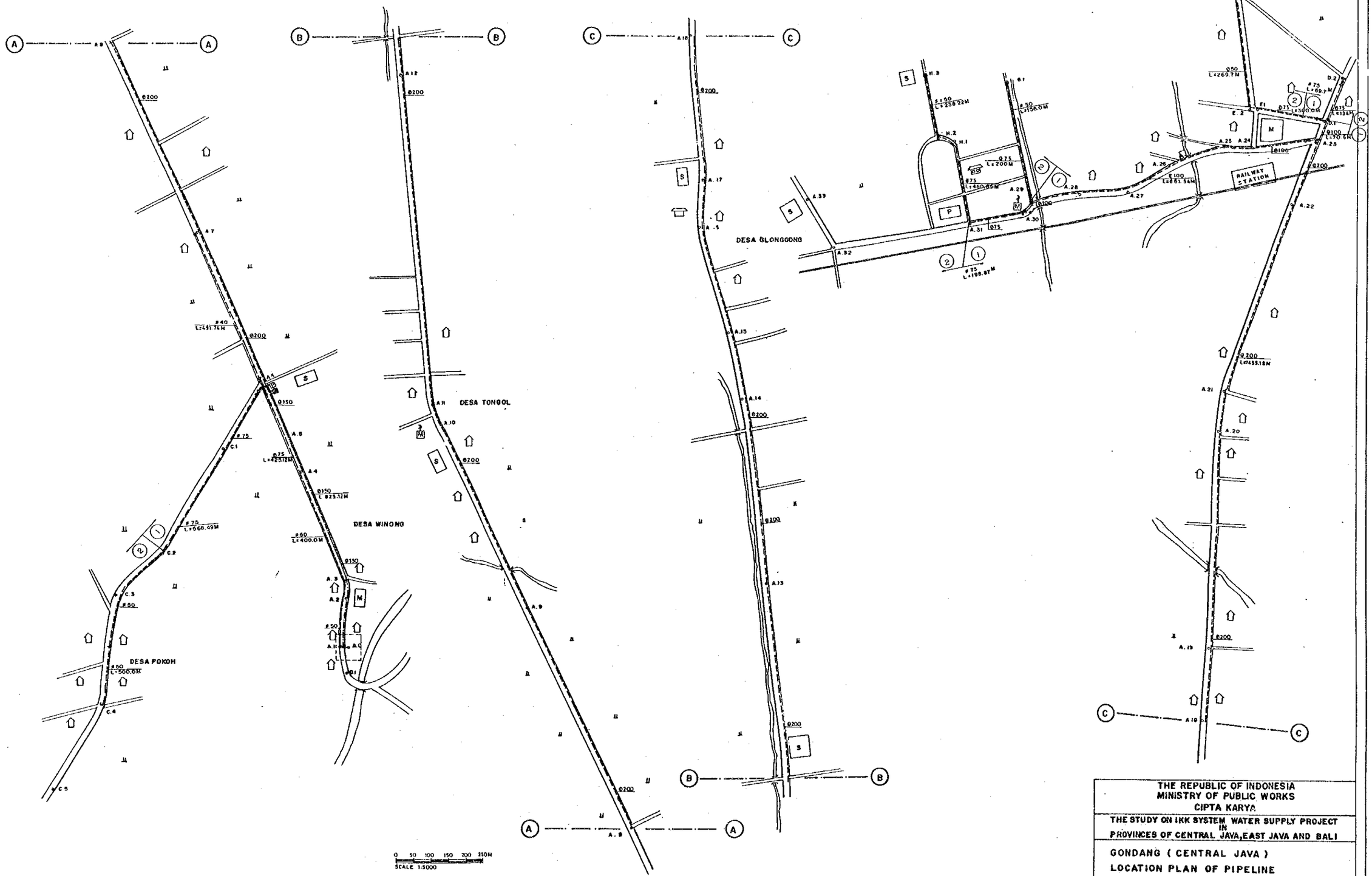

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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

GONDANG (CENTRAL JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. II-1

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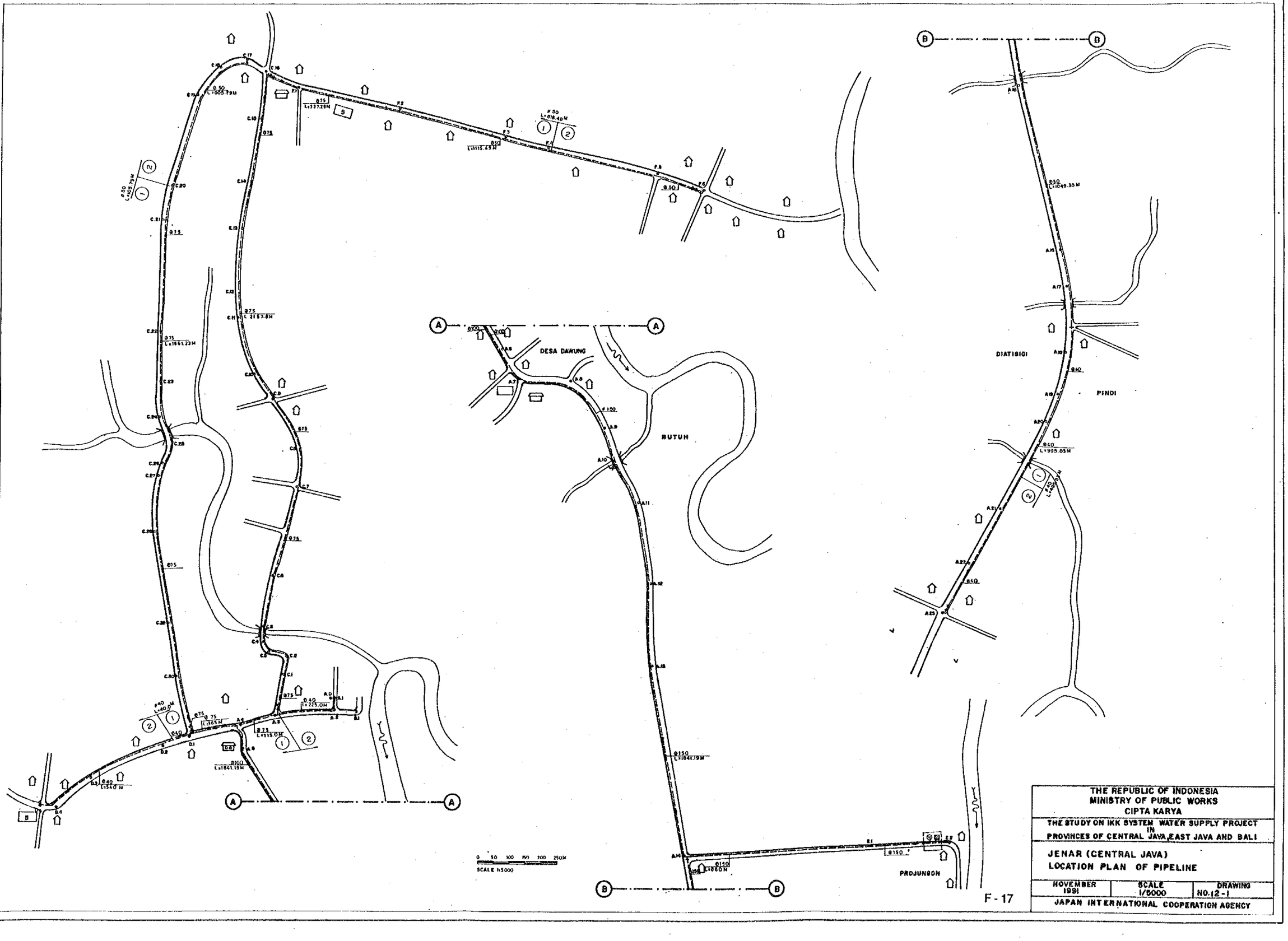

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JENAR (CENTRAL JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 12-1

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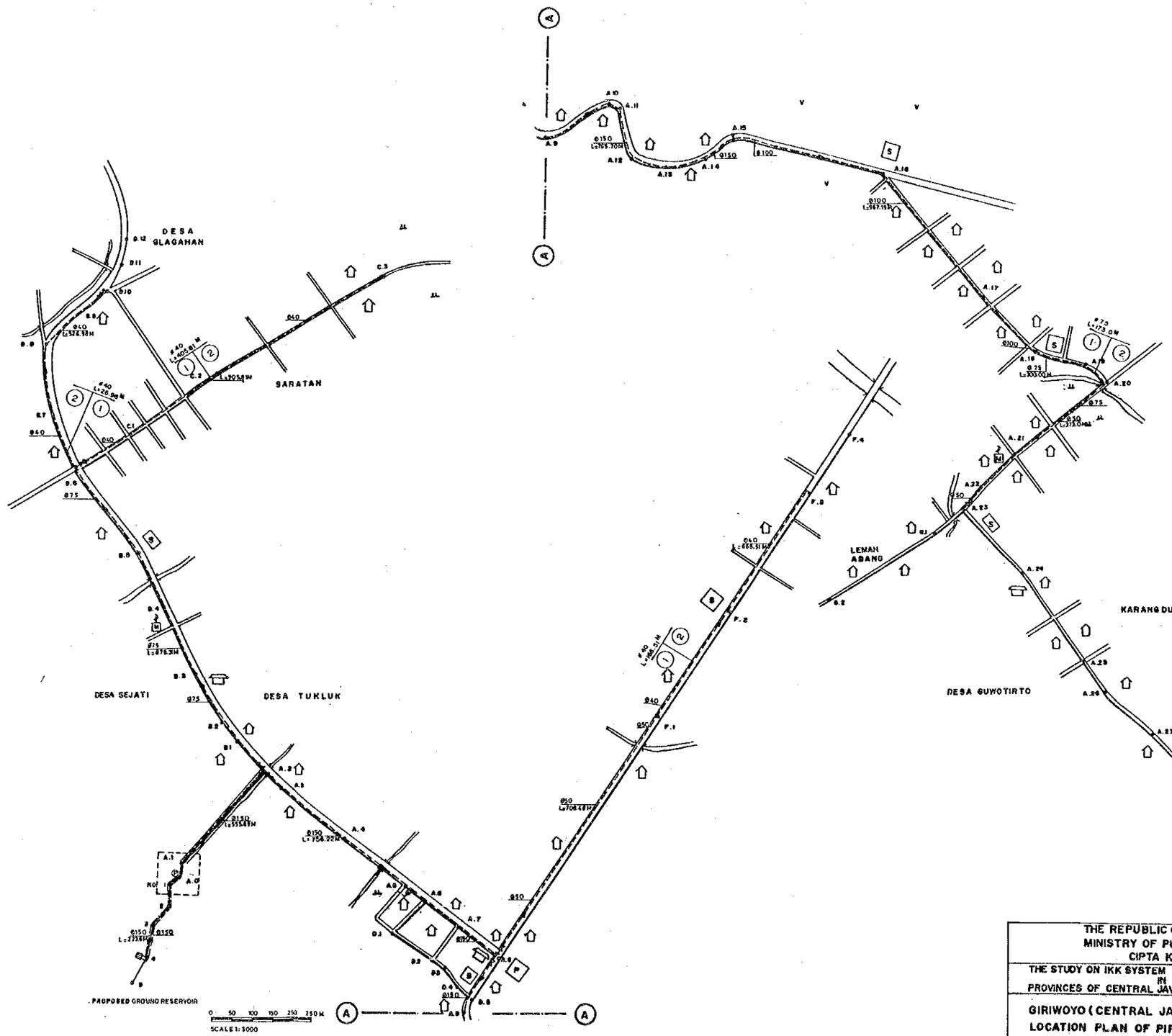

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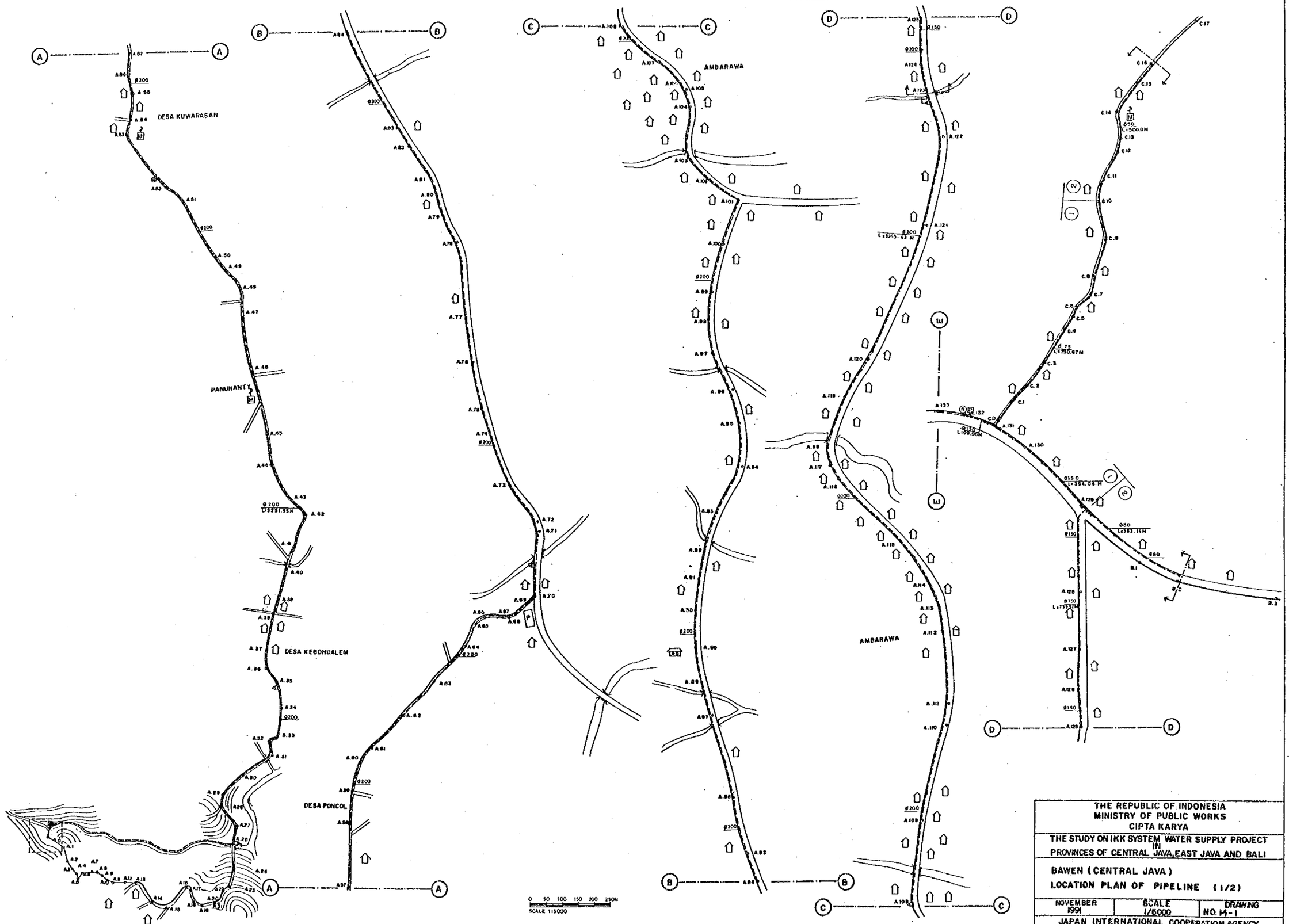
GIRIWOYO (CENTRAL JAVA) LOCATION PLAN OF PIPELINE		
NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 13-1
JAPAN INTERNATIONAL COOPERATION AGENCY		



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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

BAWEN (CENTRAL JAVA)
LOCATION PLAN OF PIPELINE (1/2)

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 14-1

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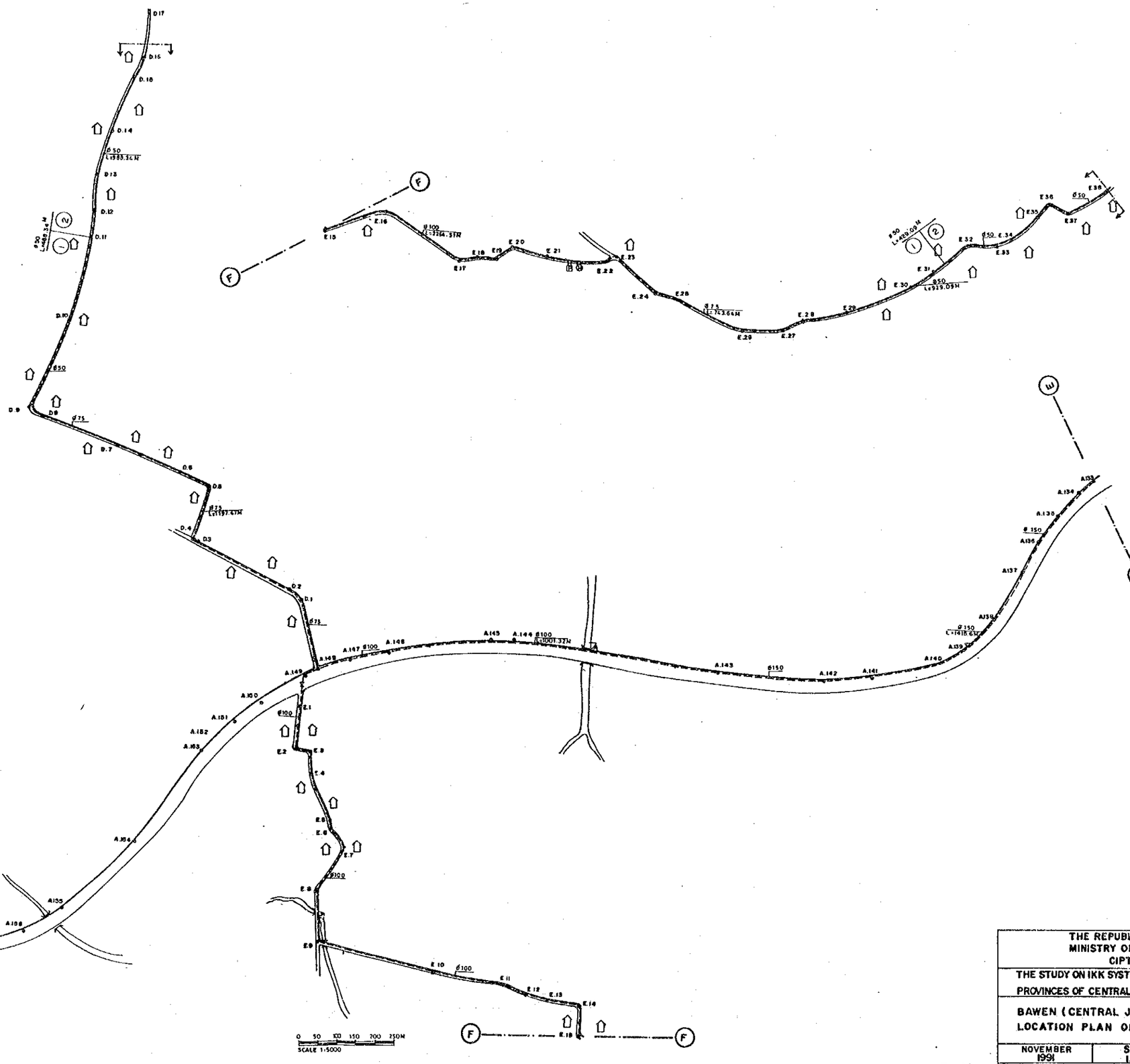

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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI		
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NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 14-2
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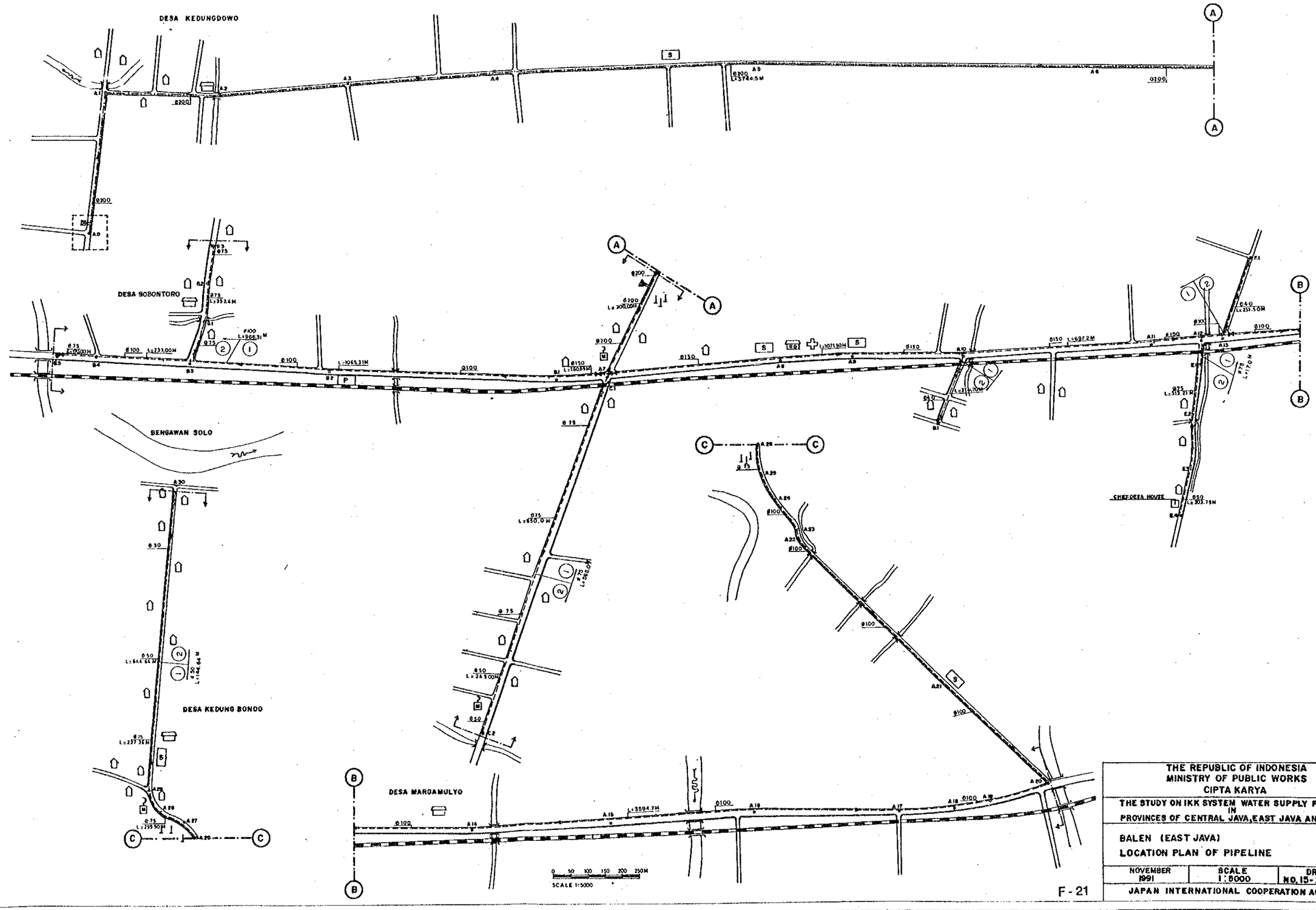

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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

BALEN (EAST JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1:5000	DRAWING NO. 15-1

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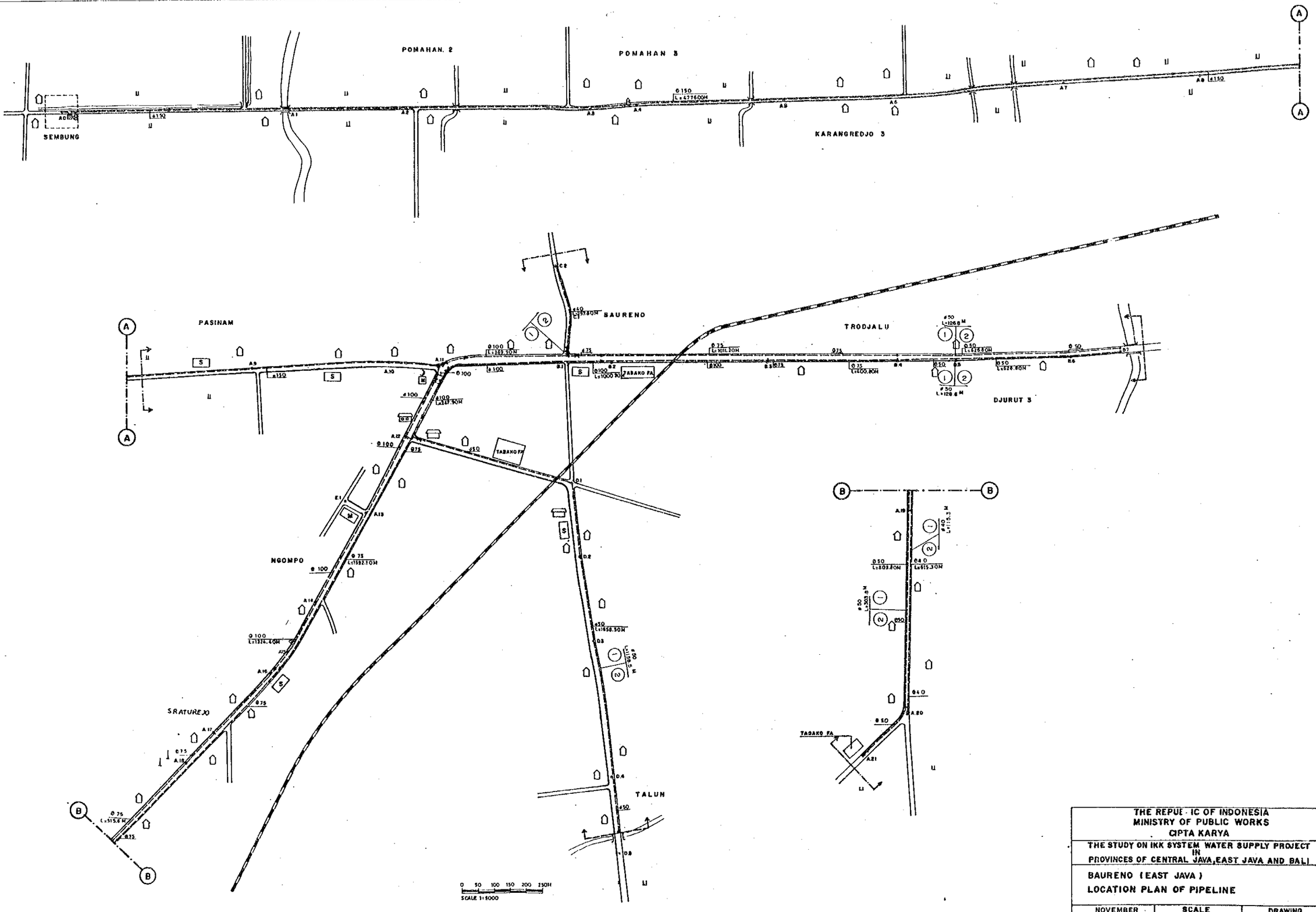

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BAURENO (EAST JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 16-1

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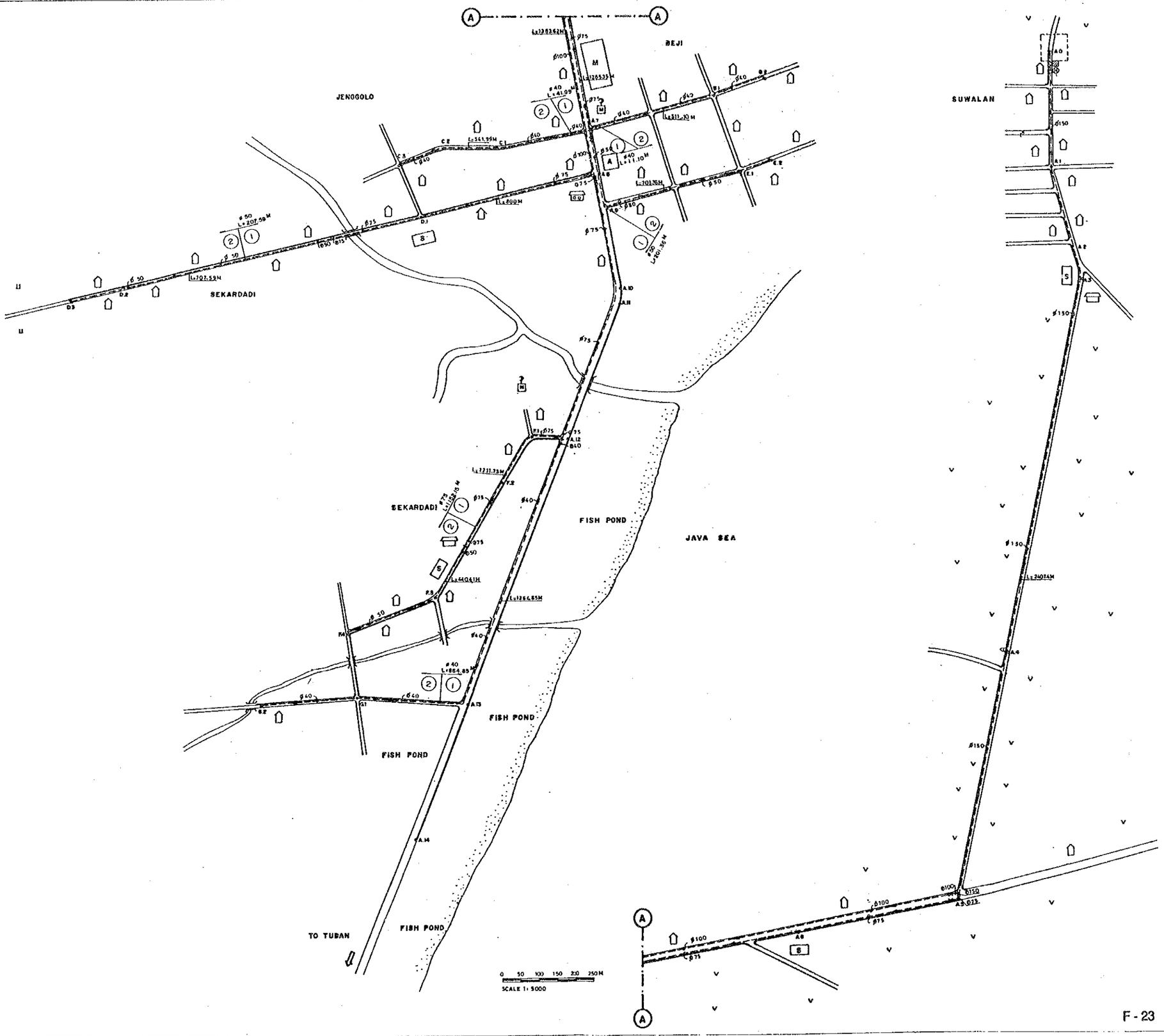

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JENU (EAST JAVA) LOCATION PLAN OF PIPELINE		
NOVEMBER 1991	SCALE 1/6000	DRAWING NO. J7- 1
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JIWAN (EAST JAVA) LOCATION PLAN OF PIPELINE		
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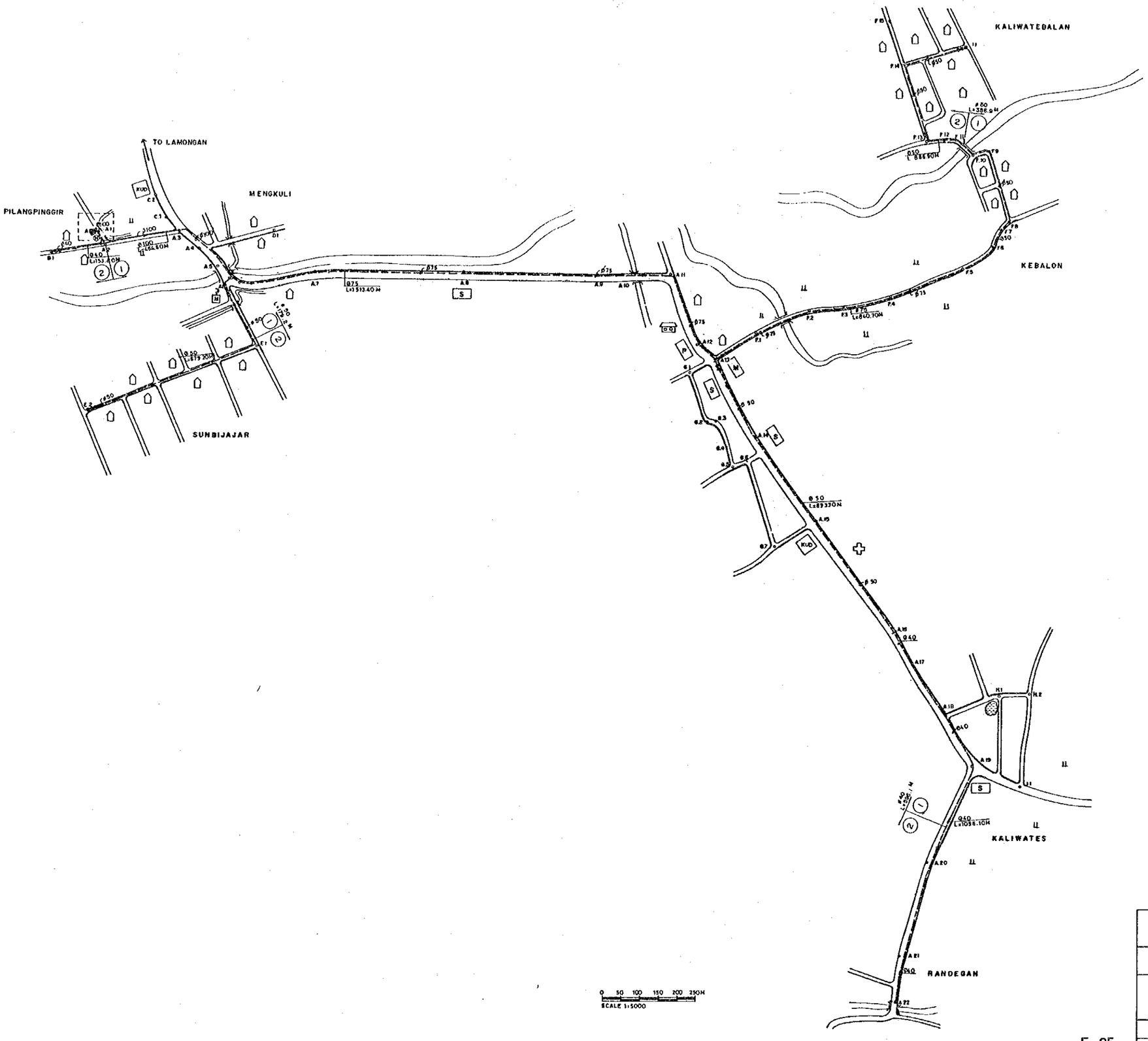

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KEMBANG BAHU (EAST JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1:5000	DRAWING NO. 19-1

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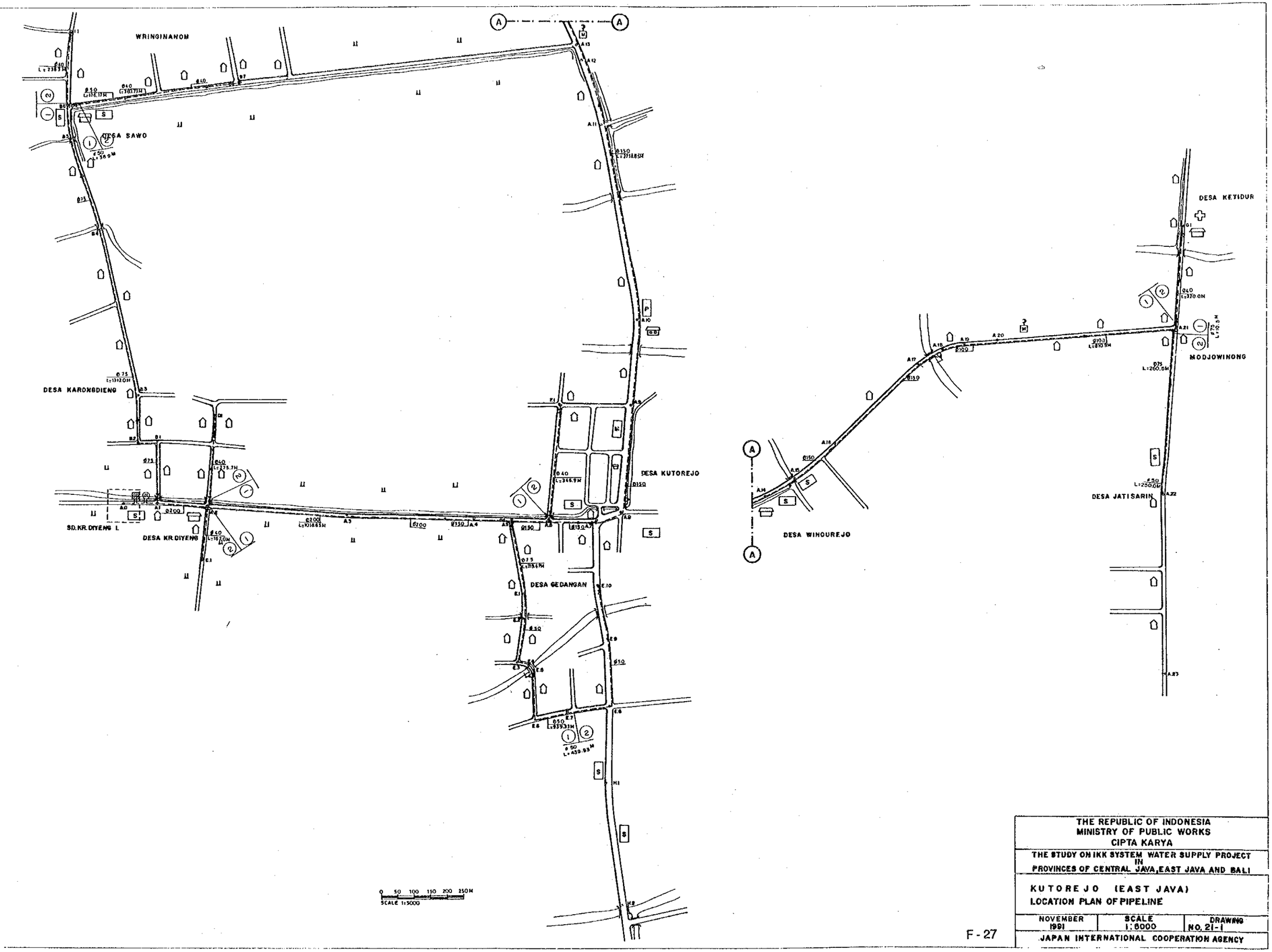
DIWEK (E A S T JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1 : 5000	DRAWING NO. 20-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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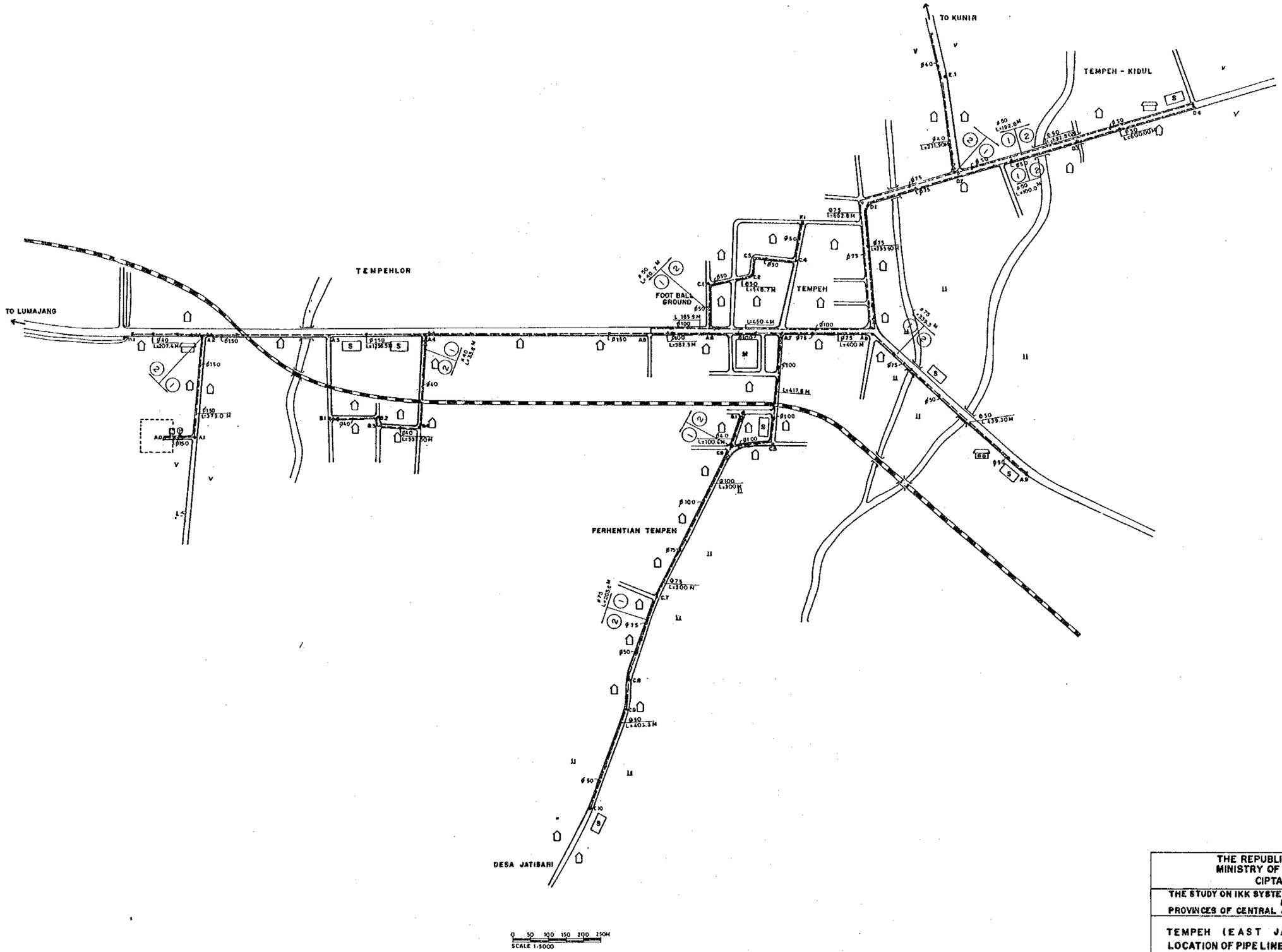
KUTOREJO (EAST JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1:5000	DRAWING NO. 21-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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TEMPEH (EAST JAVA) LOCATION OF PIPE LINE	
NOVEMBER 1991	SCALE 1: 5000 — DRAWING NO. 22-1
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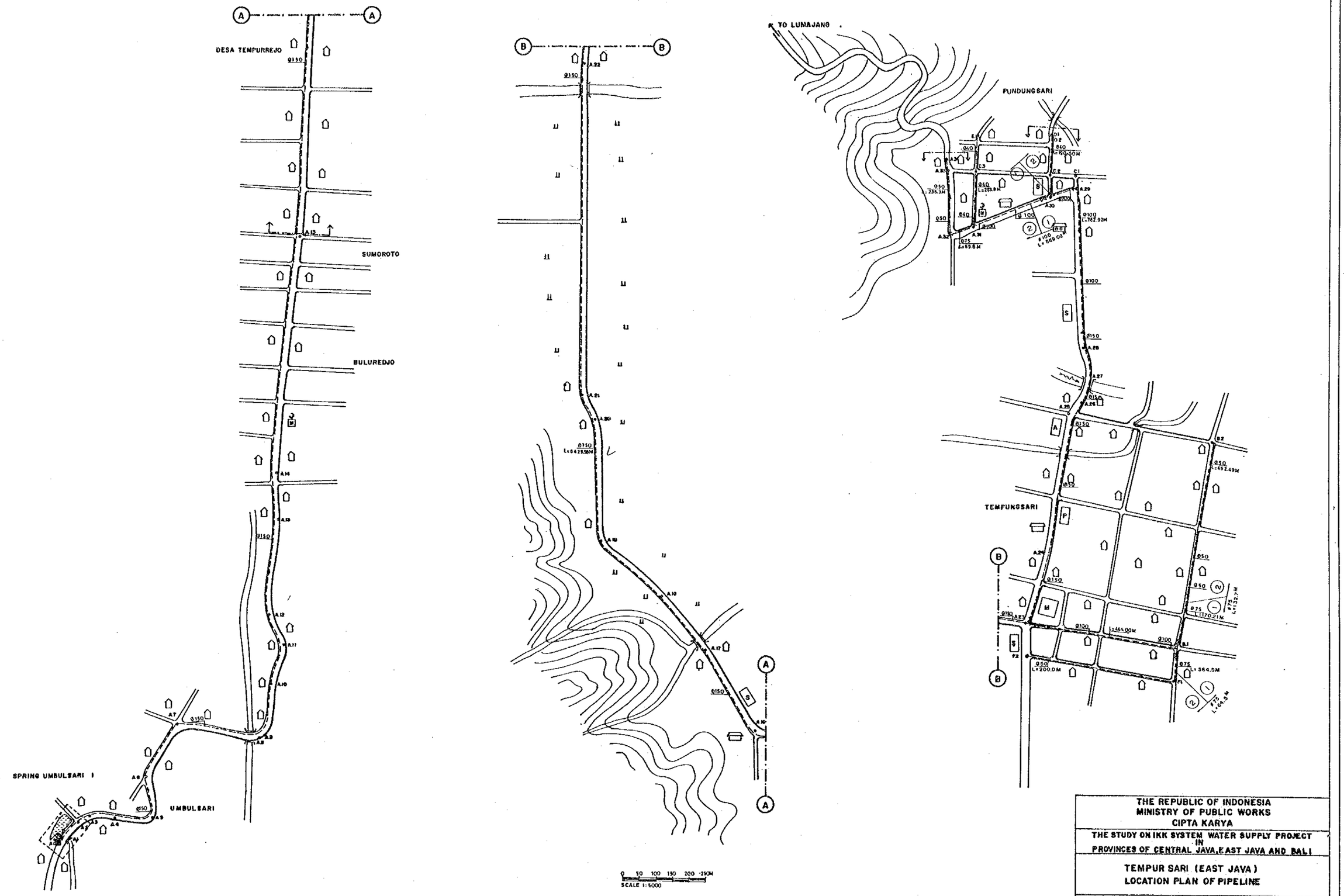
KUNIR (EAST JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1981	SCALE 1:5000	DRAWING NO. 28-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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TEMPUR SARI (EAST JAVA)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO. 24-1

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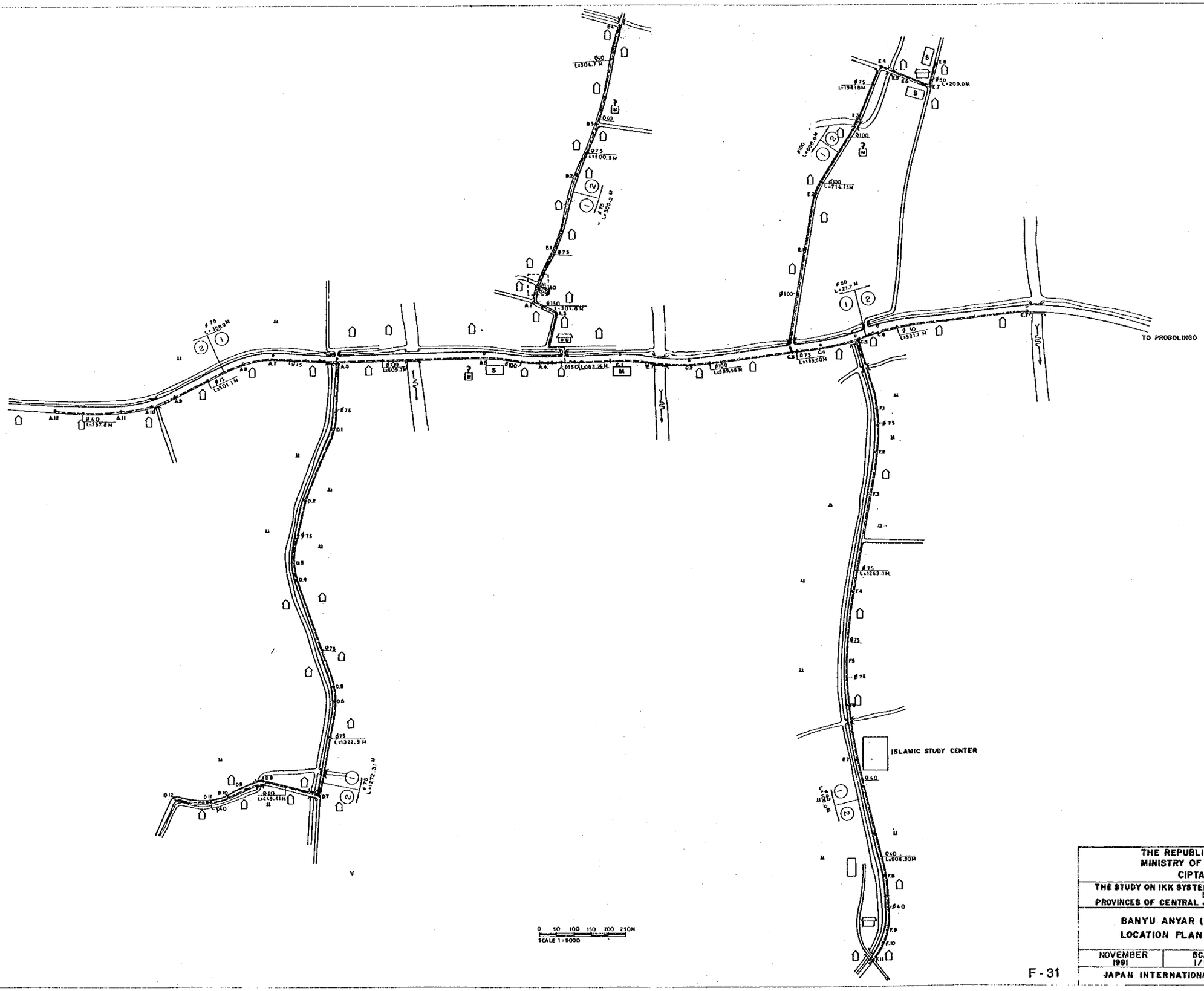

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BANYU ANYAR (EAST JAVA) LOCATION PLAN OF PIPELINE		
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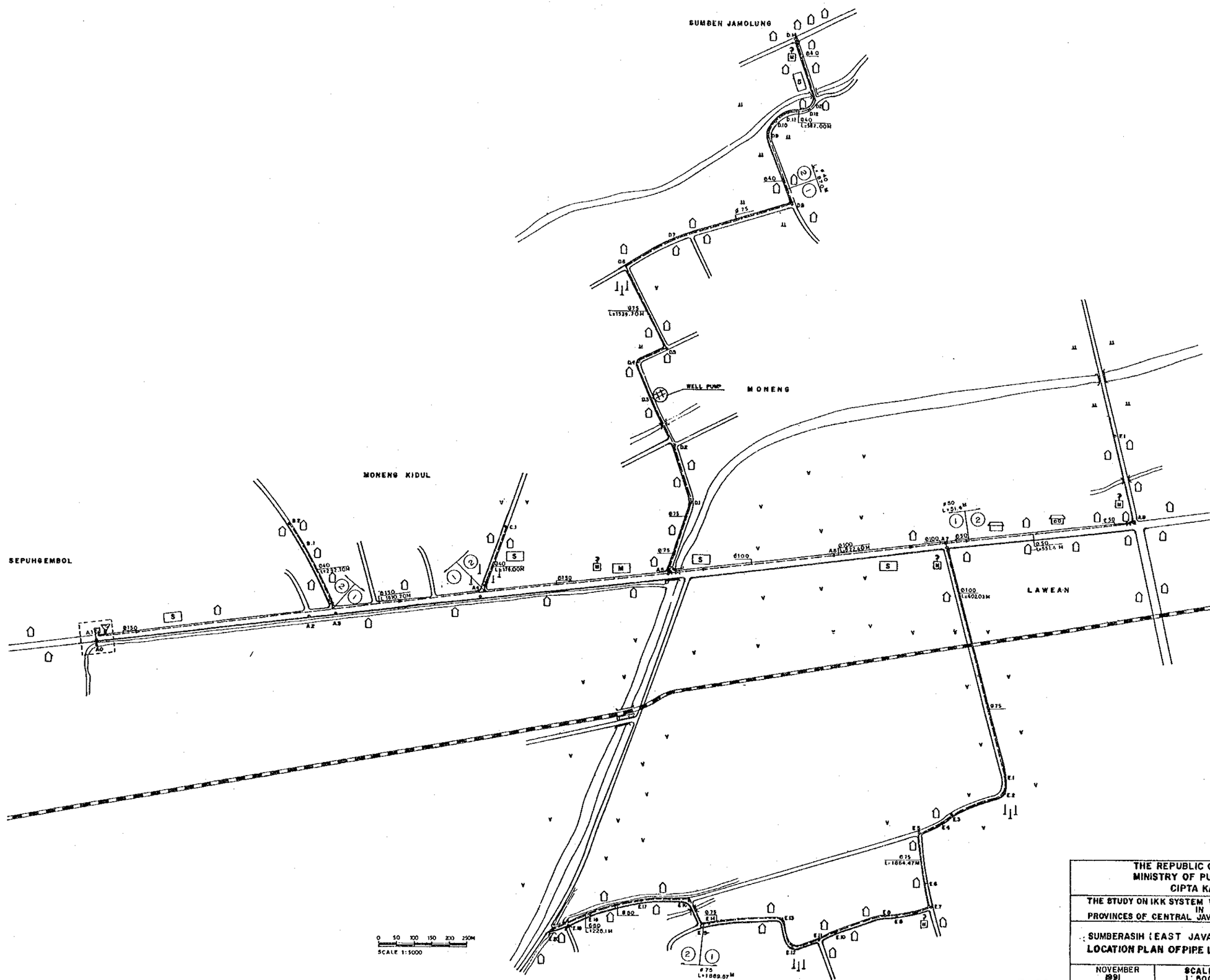

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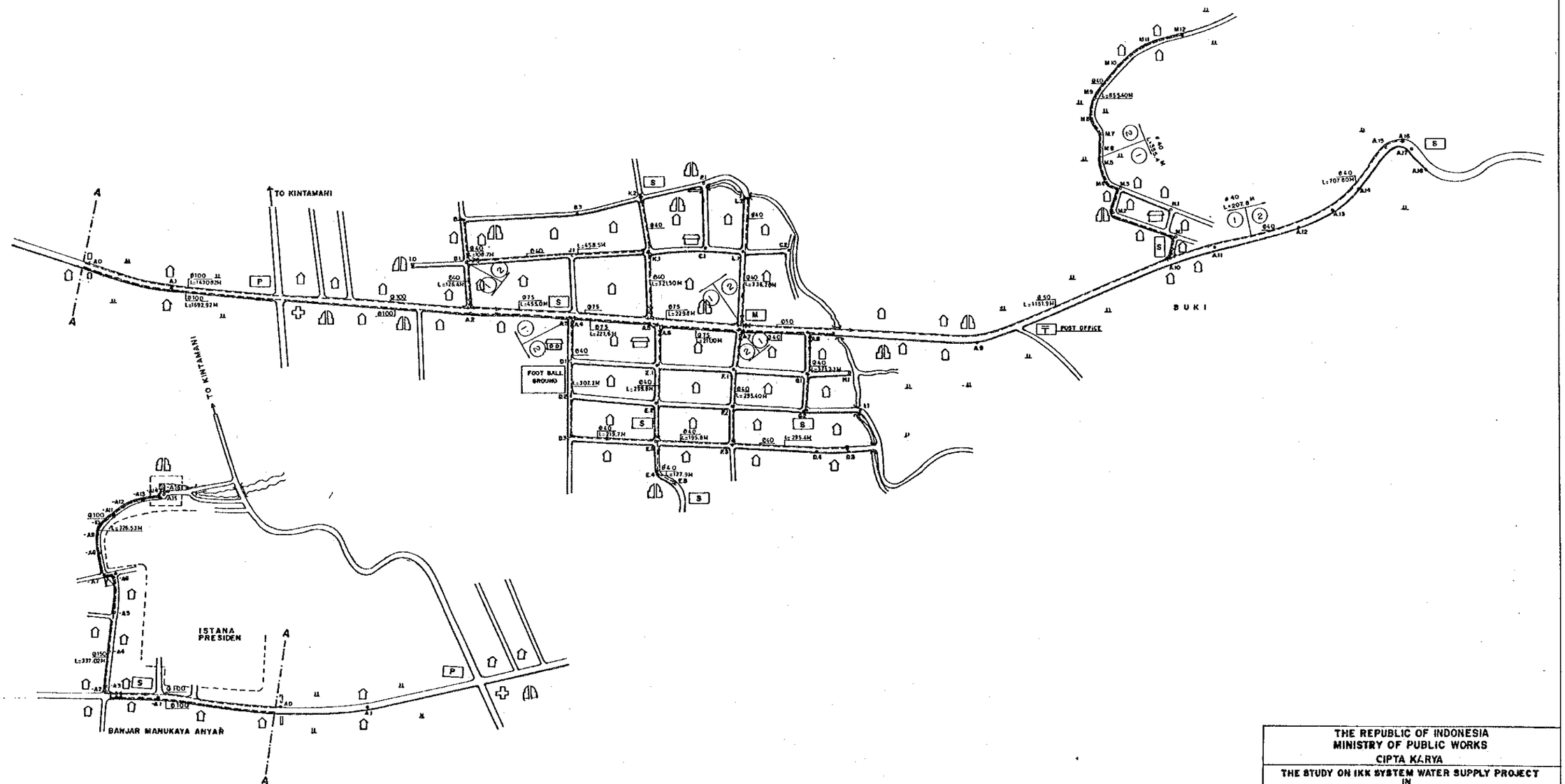
THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

SUMBERASIH (EAST JAVA)
LOCATION PLAN OF PIPE LINE

NOVEMBER 1991	SCALE 1:5000	DRAWING NO. 26-1

JAPAN INTERNATIONAL COOPERATION AGENCY



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THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

TAMPAK SIRING (BALI)

LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1:5000	DRAWING NO. 27-1

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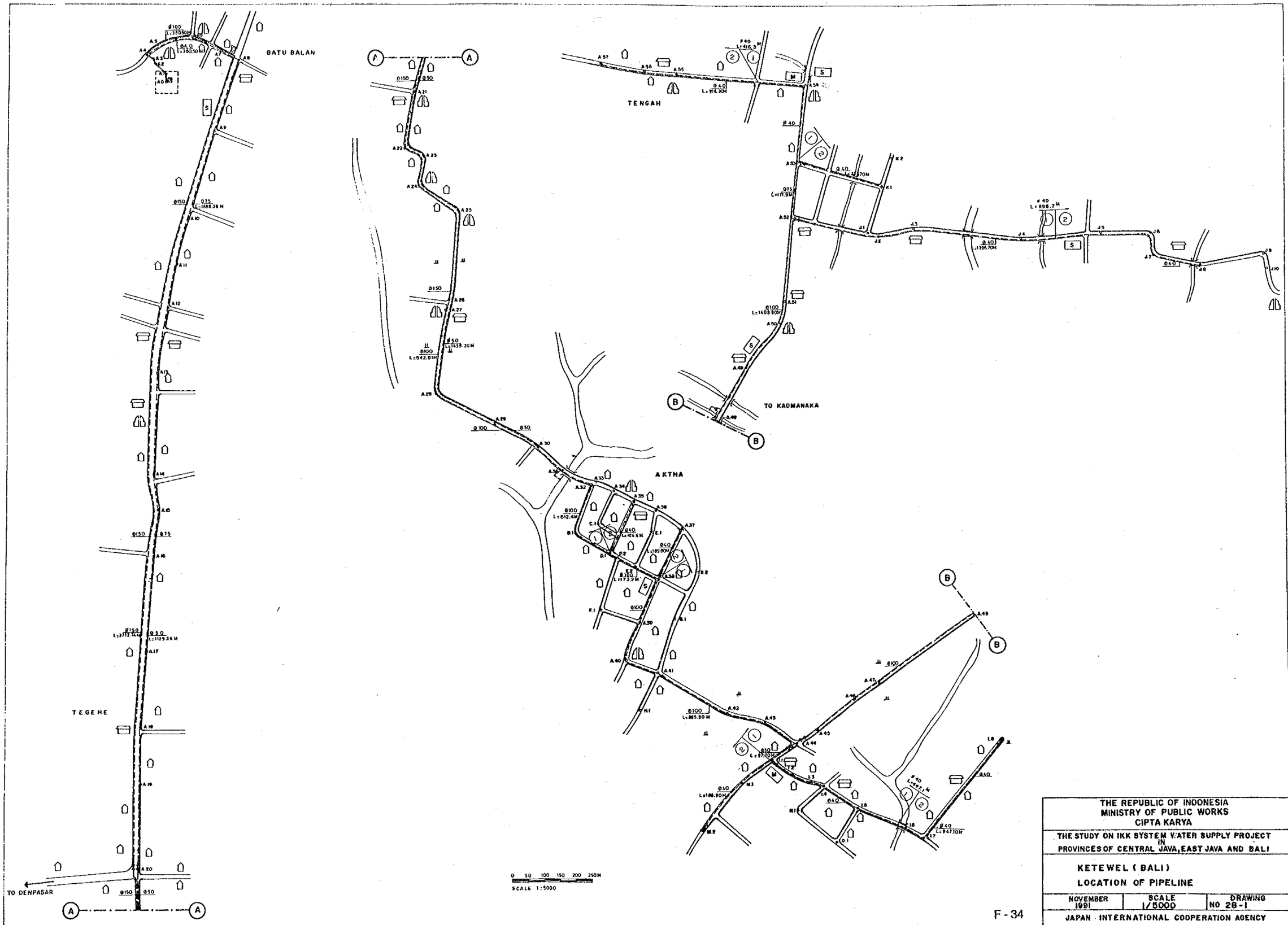

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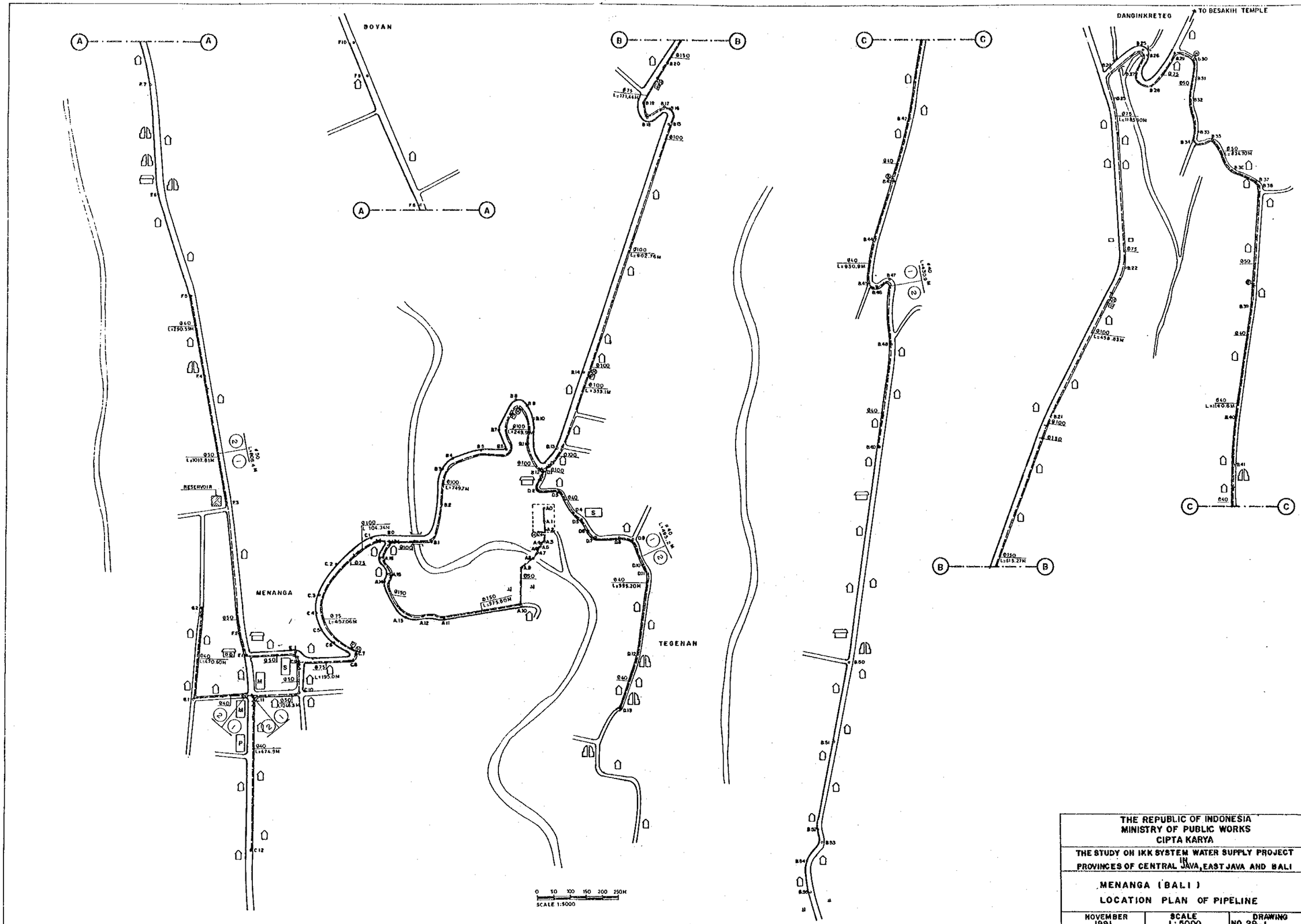
THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

KETEWEL (BALI)
LOCATION OF PIPELINE

NOVEMBER 1991	SCALE 1/5000	DRAWING NO 28-1

JAPAN INTERNATIONAL COOPERATION AGENCY



THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS
CIPTA KARYA

THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI

MENANGA (BALI)
LOCATION PLAN OF PIPELINE

NOVEMBER 1991	SCALE 1:5000	DRAWING NO 29-1

JAPAN INTERNATIONAL COOPERATION AGENCY

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS CIPTA KARYA		
THE STUDY ON IKK SYSTEM WATER SUPPLY PROJECT IN PROVINCES OF CENTRAL JAVA, EAST JAVA AND BALI		
SIBETAN (BALI) LOCATION PLAN OF PIPELINE		
NOVEMBER 1991	SCALE 1 : 5000	DRAWING NO. 30-1
JAPAN INTERNATIONAL COOPERATION AGENCY		

2. Detailed Direct Cost (First Stage)

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 1
KABUPATEN : BREBES
KECAMATAN : BULAKAMBA
I K K : BULAKAMBA PROVINCE : CENTRAL JAVA SERVED POPULATION: 19,100

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 75 m	1	No	32,585,000	32,585,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 30 m	1	Unit	10,500,000	10,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 30 m	2	Unit	10,000,000	20,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 150 m3	1	No	42,063,000	42,063,000
3.	Elevatied Tank	Capacity 50 m3 Height 15 m	1	No	140,981,280	140,981,280
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					346,589,280
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	2,005	m	96,064	192,608,320
		PVC diameter 200 mm	2,144	m	65,231	139,855,264
		PVC diameter 150 mm	3,256	m	42,762	139,233,072
		PVC diameter 100 mm	2,920	m	21,895	63,933,400
		PVC diameter 75 mm	766	m	15,411	11,804,826
		PVC diameter 50 mm	75	m	9,641	723,075
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	322	m	206,076	66,356,472
		GSP diameter 200 mm	24	m	146,833	3,523,992
		GSP diameter 150 mm	36	m	111,745	4,022,820
		GSP diameter 100 mm	34	m	70,838	2,408,492
		GSP diameter 75 mm	14	m	33,114	463,596
		GSP diameter 50 mm	-	m	17,955	-
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				624,933,329
2.	Public Tap		191	No	2,200,000	420,200,000
3.	House Connection		-	No	250,000	-
4.	Others					41,297,839
5.	Internal Transportation Fee for Imported Materials					6,540,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,439,560,448

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 2
KABUPATEN : CILACAP
KECAMATAN : JERUKLEGI
I K K : JERUKLEGI PROVINCE : CENTRAL JAVA SERVED POPULATION: 18,370

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity 21 l/sec (Labour joint)	1	No	13,650,000	13,650,000
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 60 m	2	Unit	13,000,000	26,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity - l/hr	-	Unit	-	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 200 m3	1	No	55,691,057	55,691,057
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	1	No	24,255,000	24,255,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				231,096,057
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	1,481	m	65,231	96,607,111
		PVC diameter 150 mm	5,416	m	42,762	231,598,992
		PVC diameter 100 mm	4,403	m	21,895	96,403,685
		PVC diameter 75 mm	4,573	m	15,411	70,474,503
		PVC diameter 50 mm	3,114	m	9,641	30,022,074
		PVC diameter 40 mm	877	m	7,715	6,766,055
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	16	m	146,833	2,349,328
		GSP diameter 150 mm	60	m	111,745	6,704,700
		GSP diameter 100 mm	50	m	70,838	3,541,900
		GSP diameter 75 mm	50	m	33,114	1,655,700
		GSP diameter 50 mm	35	m	17,955	628,425
		GSP diameter 40 mm	14	m	14,145	198,030
		TOTAL COST OF PIPING				546,950,503
2.	Public Tap		183	No	2,200,000	402,600,000
3.	House Connection		-	No	250,000	-
4.	Others					38,501,706
5.	Internal Transportation Fee for Imported Materials					4,515,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,223,663,266

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 3
KABUPATEN : PURWOREJO
KECAMATAN : KEMIRI
I K K : KEMIRI PROVINCE : CENTRAL JAVA SERVED POPULATION: 14,860

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Water Facility	Capacity 18 l/sec	1	No	184,100,000	184,100,000
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 40 m	2	No	24,990,000	49,980,000
5.	Submersible Pump	Capacity 10 l/sec Head 30 m	2	Unit	9,250,000	18,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 60 m	2	Unit	11,500,000	23,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity 1.5 m3	-	Unit	7,250,000	-
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	1	No	50,770,854	50,770,854
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	1	No	24,255,000	24,255,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				464,565,854
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	1,800	m	42,762	76,971,600
		PVC diameter 100 mm	1,835	m	21,895	40,177,325
		PVC diameter 75 mm	2,799	m	15,411	43,135,389
		PVC diameter 50 mm	1,992	m	9,641	19,204,872
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	100	m	146,833	14,683,300
		GSP diameter 150 mm	20	m	111,745	2,234,900
		GSP diameter 100 mm	20	m	70,838	1,416,760
		GSP diameter 75 mm	26	m	33,114	860,964
		GSP diameter 50 mm	24	m	17,955	430,920
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				199,116,030
2.	Public Tap		148	No	2,200,000	325,600,000
3.	House Connection		-	No	250,000	-
4.	Others					30,311,719
5.	Internal Transportation Fee for Imported Materials					5,895,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,025,488,603

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 4
KABUPATEN : BANJARNEGARA
KECAMATAN : MADUKARA
I K K : MADUKARA PROVINCE : CENTRAL JAVA SERVED POPULATION: 7,320

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Water Facility	Capacity 8 l/sec	1	No	110,700,000	110,700,000
2.	Water Source from Spring	Capacity 10 l/sec	1	No	7,500,000	7,500,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
8.	Pump Pit	Capacity 6 m3	1	Unit	17,080,000	17,080,000
9.	Emergency Genset	Capacity 40 KVA	2	Unit	33,000,000	66,000,000
		Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 2 KI	1	No	2,500,000	2,500,000
		Capacity 3 KI	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 6 m3	2	No	16,100,000	32,200,000
2.	Service Reservoir	Capacity 60 m3	1	No	17,548,403	17,548,403
3.	Elevatied Tank	Capacity 20 m3 Height 15 m	1	No	66,615,489	66,615,489
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					455,603,892
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	12,400	m	42,762	530,248,800
		PVC diameter 100 mm	357	m	21,895	7,816,515
		PVC diameter 75 mm	1,907	m	15,411	29,388,777
		PVC diameter 50 mm	341	m	9,641	3,287,581
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	177	m	111,745	19,778,865
		GSP diameter 100 mm	4	m	70,838	283,352
		GSP diameter 75 mm	21	m	33,114	695,394
		GSP diameter 50 mm	6	m	17,955	107,730
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				591,607,014
2.	Public Tap		73	No	2,200,000	160,600,000
3.	House Connection		-	No	250,000	-
4.	Others					39,189,269
5.	Internal Transportation Fee for Imported Materials					3,563,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,250,563,175

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 5
KABUPATEN : BANJARNEGARA
KECAMATAN : PUNGGELAN
I K K : PUNGGELAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 6,450

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 35 l/sec	1	No	22,750,000	22,750,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
8.	Pump Pit	Capacity 6 m3	1	Unit	17,080,000	17,080,000
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 6 m3	5	No	16,100,000	80,500,000
2.	Service Reservoir	Capacity 20 m3	1	No	11,698,935	11,698,935
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				280,988,935
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	7,088	m	21,895	155,191,760
		PVC diameter 75 mm	3,818	m	15,411	58,839,198
		PVC diameter 50 mm	576	m	9,641	5,553,216
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	78	m	70,838	5,525,364
		GSP diameter 75 mm	42	m	33,114	1,390,788
		GSP diameter 50 mm	8	m	17,955	143,640
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				226,643,966
2.	Public Tap		64	No	2,200,000	140,800,000
3.	House Connection		-	No	250,000	-
4.	Others					23,074,153
5.	Internal Transportation Fee for Imported Materials					4,892,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					676,399,054

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 6
KABUPATEN : KEBUMEN
KECAMATAN : KARANGGAYAM
I K K : KARANGGAYAM PROVINCE : CENTRAL JAVA SERVED POPULATION: 4,920

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity 6 l/sec (Labour joint)	1	No	4,500,000	4,500,000
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity - l/hr	-	Unit	-	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 80 m3	1	No	23,079,404	23,079,404
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 5 m3 W.P. 8 kg/cm2	1	No	13,475,000	13,475,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				157,054,404
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	4,840	m	42,762	206,968,080
		PVC diameter 100 mm	424	m	21,895	9,283,480
		PVC diameter 75 mm	2,106	m	15,411	32,455,566
		PVC diameter 50 mm	326	m	9,641	3,142,966
		PVC diameter 40 mm	215	m	7,715	1,658,725
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	53	m	111,745	5,922,485
		GSP diameter 100 mm	5	m	70,838	354,190
		GSP diameter 75 mm	23	m	33,114	761,622
		GSP diameter 50 mm	8	m	17,955	143,640
		GSP diameter 40 mm	8	m	14,145	113,160
		TOTAL COST OF PIPING				260,803,914
2.	Public Tap		49	No	2,200,000	107,800,000
3.	House Connection		-	No	250,000	-
4.	Others					21,770,683
5.	Internal Transportation Fee for Imported Materials					4,477,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					551,906,001

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 7
KABUPATEN : KEBUMEN
KECAMATAN : PETANAHAN
I K K : PETANAHAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 8,420

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 60 m	1	No	36,660,000	36,660,000
5.	Submersible Pump	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 30 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 40 KVA	2	Unit	33,000,000	66,000,000
10.	Fuel Tank	Capacity 2 KI	1	No	2,500,000	2,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 60 m3	1	No	17,548,403	17,548,403
3.	Elevatied Tank	Capacity 20 m3 Height 15 m	1	No	66,615,489	66,615,489
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				217,033,892
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	1,453	m	42,762	62,133,186
		PVC diameter 100 mm	704	m	21,895	15,414,080
		PVC diameter 75 mm	682	m	15,411	10,510,302
		PVC diameter 50 mm	970	m	9,641	9,351,770
		PVC diameter 40 mm	87	m	7,715	671,205
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	116	m	111,745	12,962,420
		GSP diameter 100 mm	8	m	70,838	566,704
		GSP diameter 75 mm	16	m	33,114	529,824
		GSP diameter 50 mm	8	m	17,955	143,640
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				112,283,131
2.	Public Tap		84	No	2,200,000	184,800,000
3.	House Connection		-	No	250,000	-
4.	Others					17,706,502
5.	Internal Transportation Fee for Imported Materials					3,752,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					535,575,525

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 8
KABUPATEN : KENDAL
KECAMATAN : SUKOREJO
I K K : SUKOREJO PROVINCE : CENTRAL JAVA SERVED POPULATION: 15,010

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 20 l/sec	1	No	39,000,000	39,000,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity - KVA	-	Unit	-	-
10.	Fuel Tank	Capacity - Kl	-	No	-	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 10 m3	2	No	26,500,000	53,000,000
2.	Service Reservoir	Capacity 40 m3	1	No	13,950,000	13,950,000
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				108,410,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	13,454	m	65,231	877,617,874
		PVC diameter 150 mm	831	m	42,762	35,535,222
		PVC diameter 100 mm	1,355	m	21,895	29,667,725
		PVC diameter 75 mm	275	m	15,411	4,238,025
		PVC diameter 50 mm	508	m	9,641	4,897,628
		PVC diameter 40 mm	688	m	7,715	5,307,920
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	146	m	146,833	21,437,618
		GSP diameter 150 mm	9	m	111,745	1,005,705
		GSP diameter 100 mm	15	m	70,838	1,062,570
		GSP diameter 75 mm	9	m	33,114	298,026
		GSP diameter 50 mm	8	m	17,955	143,640
		GSP diameter 40 mm	6	m	14,145	84,870
		TOTAL COST OF PIPING				981,296,823
2.	Public Tap		150	No	2,200,000	330,000,000
3.	House Connection		-	No	250,000	-
4.	Others					40,638,055
5.	Internal Transportation Fee for Imported Materials					4,500,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,464,844,878

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 9
KABUPATEN : BLORA
KECAMATAN : JEPON
I K K : JEPON PROVINCE : CENTRAL JAVA SERVED POPULATION: 14,650

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Water Facility	Capacity 18 l/sec	1	No	184,100,000	184,100,000
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 150 m	2	No	50,979,000	101,958,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 5 l/sec Head 40 m	2	Unit	8,750,000	17,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 40 KVA	2	Unit	33,000,000	66,000,000
10.	Fuel Tank	Capacity 2 Kl	1	No	2,500,000	2,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity 10 m3	2	No	26,500,000	53,000,000
2.	Service Reservoir	Capacity 160 m3	1	No	50,770,854	50,770,854
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					478,288,854
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	8,716	m	65,231	568,553,396
		PVC diameter 150 mm	2,716	m	42,762	116,141,592
		PVC diameter 100 mm	2,074	m	21,895	45,410,230
		PVC diameter 75 mm	1,847	m	15,411	28,464,117
		PVC diameter 50 mm	670	m	9,641	6,459,470
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	96	m	146,833	14,095,968
		GSP diameter 150 mm	30	m	111,745	3,352,350
		GSP diameter 100 mm	823	m	70,838	58,299,674
		GSP diameter 75 mm	35	m	33,114	1,158,990
		GSP diameter 50 mm	7	m	17,955	125,685
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				842,061,472
2.	Public Tap		146	No	2,200,000	321,200,000
3.	House Connection		-	No	250,000	-
4.	Others					46,177,177
5.	Internal Transportation Fee for Imported Materials					4,588,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,692,315,503

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : **10**
KABUPATEN : PATI
KECAMATAN : BATURSARI
I K K : BATANGAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 10,100

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Water Treatment Facility	Capacity 15 l/sec (Labour joint)	1	No	226,277,287	226,277,287
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 30 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 20 KVA	2	Unit	11,250,000	22,500,000
10.	Fuel Tank	Capacity 1 Kl	1	No	1,500,000	1,500,000
11.	Power Station from PLN	Capacity - KVA	-	L.S	-	-
12.	Chlorination	Capacity - l/hr	-	Unit	-	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 90 m3	1	No	25,969,897	25,969,897
3.	Elevatied Tank	Capacity 30 m3 Height 15 m	1	No	89,922,110	89,922,110
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				382,169,294
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	6,549	m	96,064	629,123,136
		PVC diameter 200 mm	3,219	m	65,231	209,978,589
		PVC diameter 150 mm	564	m	42,762	24,117,768
		PVC diameter 100 mm	1,330	m	21,895	29,120,350
		PVC diameter 75 mm	1,051	m	15,411	16,196,961
		PVC diameter 50 mm	960	m	9,641	9,255,360
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	72	m	206,076	14,837,472
		GSP diameter 200 mm	35	m	146,833	5,139,155
		GSP diameter 150 mm	6	m	111,745	670,470
		GSP diameter 100 mm	18	m	70,838	1,275,084
		GSP diameter 75 mm	20	m	33,114	662,280
		GSP diameter 50 mm	12	m	17,955	215,460
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				940,592,085
2.	Public Tap		101	No	2,200,000	222,200,000
3.	House Connection		-	No	250,000	-
4.	Others					44,783,302
5.	Internal Transportation Fee for Imported Materials					658,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,590,402,681

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 11
KABUPATEN : SRAGEN
KECAMATAN : GONDANG
I K K : GONDANG PROVINCE : CENTRAL JAVA SERVED POPULATION: 20,330

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 150 m	1	No	54,296,000	54,296,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 60 m	1	Unit	13,000,000	13,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
8.	Pump Pit	Capacity 3 m3	1	Unit	12,200,000	12,200,000
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
		Capacity 20 KVA	2	Unit	11,250,000	22,500,000
10.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
		Capacity 1 KI	1	No	1,500,000	1,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity 3 m3	1	No	9,500,000	9,500,000
2.	Service Reservoir	Capacity 200 m3	1	No	55,691,057	55,691,057
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 3 m3 W.P. 6 kg/cm2	1	No	6,612,500	6,612,500
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					292,759,557
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	8,280	m	42,762	354,069,360
		PVC diameter 100 mm	952	m	21,895	20,844,040
		PVC diameter 75 mm	1,158	m	15,411	17,845,938
		PVC diameter 50 mm	535	m	9,641	5,157,935
		PVC diameter 40 mm	492	m	7,715	3,795,780
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	82	m	146,833	12,040,306
		GSP diameter 150 mm	329	m	111,745	36,764,105
		GSP diameter 100 mm	3	m	70,838	212,514
		GSP diameter 75 mm	28	m	33,114	927,192
		GSP diameter 50 mm	5	m	17,955	89,775
		GSP diameter 40 mm	-	m	14,145	-
			TOTAL	COST	OF . PIPING	451,746,945
2.	Public Tap		203	No	2,200,000	446,600,000
3.	House Connection		-	No	250,000	-
4.	Others					37,196,427
5.	Internal Transportation Fee for Imported Materials					5,241,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,233,543,929

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 12
KABUPATEN : SRAGEN
KECAMATAN : JENAR
I K K : JENAR PROVINCE : CENTRAL JAVA SERVED POPULATION: 7,900

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 30 m	1	No	23,300,000	23,300,000
5.	Submersible Pump	Capacity 5 l/sec Head 30 m	1	Unit	8,750,000	8,750,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
7.	Booster Pump	Capacity 5 l/sec Head 30 m	2	Unit	8,000,000	16,000,000
8.	Pump Pit	Capacity 1.5 m3	1	Unit	7,250,000	7,250,000
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
		Capacity 20 KVA	2	Unit	11,250,000	22,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
		Capacity 1 Kl	1	No	1,500,000	1,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	10,500,000	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 80 m3	1	No	23,079,404	23,079,404
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 3 m3 W.P. 6 kg/cm2	1	No	13,475,000	13,475,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				233,314,404
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	2,701	m	42,762	115,500,162
		PVC diameter 100 mm	366	m	21,895	8,013,570
		PVC diameter 75 mm	4,436	m	15,411	68,363,196
		PVC diameter 50 mm	1,771	m	9,641	17,074,211
		PVC diameter 40 mm	535	m	7,715	4,127,525
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	30	m	111,745	3,352,350
		GSP diameter 100 mm	104	m	70,838	7,367,152
		GSP diameter 75 mm	64	m	33,114	2,119,296
		GSP diameter 50 mm	28	m	17,955	502,740
		GSP diameter 40 mm	8	m	14,145	113,160
		TOTAL COST OF PIPING				226,533,362
2.	Public Tap		79	No	2,200,000	173,800,000
3.	House Connection		-	No	250,000	-
4.	Others					25,386,967
5.	Internal Transportation Fee for Imported Materials					4,921,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					663,955,733

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 13
KABUPATEN : MONOGIRI
KECAMATAN : GIRIWOYO
I K K : GIRIWOYO PROVINCE : CENTRAL JAVA SERVED POPULATION: 6,050

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 10 l/sec	1	No	19,500,000	19,500,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 20 m3	1	No	11,698,935	11,698,935
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					149,658,935
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	2,264	m	42,762	96,813,168
		PVC diameter 100 mm	1,005	m	21,895	22,004,475
		PVC diameter 75 mm	1,052	m	15,411	16,212,372
		PVC diameter 50 mm	709	m	9,641	6,835,469
		PVC diameter 40 mm	599	m	7,715	4,621,285
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	25	m	111,745	2,793,625
		GSP diameter 100 mm	11	m	70,838	779,218
		GSP diameter 75 mm	13	m	33,114	430,482
		GSP diameter 50 mm	12	m	17,955	215,460
		GSP diameter 40 mm	6	m	14,145	84,870
			TOTAL	COST	OF PIPING	150,790,424
2.	Public Tap		60	No	2,200,000	132,000,000
3.	House Connection		-	No	250,000	-
4.	Others					18,171,597
5.	Internal Transportation Fee for Imported Materials					3,681,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					454,301,956

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 14
KABUPATEN : SEMARANG
KECAMATAN : HARJOSARI
I K K : BAWEN PROVINCE : CENTRAL JAVA SERVED POPULATION: 17,880

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 25 l/sec	1	No	19,500,000	19,500,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity 15 l/sec Head 80 m	2	Unit	14,500,000	29,000,000
		Capacity 5 l/sec Head 40 m	2	Unit	8,000,000	16,000,000
8.	Pump Pit	Capacity 1.5 m3	2	Unit	7,250,000	14,500,000
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
		Capacity 20 KVA	2	Unit	11,250,000	22,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
		Capacity 1 Kl	1	No	1,500,000	1,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 12 m3	1	No	30,000,000	30,000,000
2.	Service Reservoir	Capacity 200 m3	1	No	55,691,000	55,691,000
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 3 m3 W.P. 6 kg/cm2	1	No	6,612,500	6,612,500
		Capacity 6.5 m3 W.P. 8 kg/cm2	1	No	17,517,500	17,517,500
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				326,781,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	12,617	m	65,231	823,019,527
		PVC diameter 150 mm	2,610	m	42,762	111,608,820
		PVC diameter 100 mm	3,266	m	21,895	71,509,070
		PVC diameter 75 mm	2,731	m	15,411	42,087,441
		PVC diameter 50 mm	917	m	9,641	8,840,797
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	139	m	146,833	20,409,787
		GSP diameter 150 mm	29	m	111,745	3,240,605
		GSP diameter 100 mm	36	m	70,838	2,550,168
		GSP diameter 75 mm	40	m	33,114	1,324,560
		GSP diameter 50 mm	7	m	17,955	125,685
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				1,084,716,460
2.	Public Tap		178	No	2,200,000	391,600,000
3.	House Connection		-	No	250,000	-
4.	Others					58,171,709
5.	Internal Transportation Fee for Imported Materials					4,055,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,865,324,169

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 15
KABUPATEN : BOJONEGORO
KECAMATAN : BALEN
I K K : BALEN PROVINCE : EAST JAVA SERVED POPULATION: 14,900

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 70 m	1	No	38,226,000	38,226,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 10 l/sec Head 40 m	1	Unit	9,500,000	9,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 30 m	2	Unit	9,250,000	18,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	1	No	39,947,895	39,947,895
3.	Elevatied Tank	Capacity 40 m3 Height 15 m	1	No	120,601,430	120,601,430
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				327,235,325
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	4,045	m	66,862	270,456,790
		PVC diameter 150 mm	1,930	m	43,831	84,593,830
		PVC diameter 100 mm	4,613	m	22,422	103,432,686
		PVC diameter 75 mm	1,079	m	15,796	17,043,884
		PVC diameter 50 mm	170	m	9,882	1,679,940
		PVC diameter 40 mm	-	m	7,908	-
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	44	m	150,504	6,622,176
		GSP diameter 150 mm	21	m	114,539	2,405,319
		GSP diameter 100 mm	104	m	72,609	7,551,336
		GSP diameter 75 mm	12	m	33,942	407,304
		GSP diameter 50 mm	-	m	20,454	-
		GSP diameter 40 mm	-	m	14,499	-
		TOTAL COST OF PIPING				494,193,265
2.	Public Tap		149	No	2,400,000	357,600,000
3.	House Connection		-	No	270,000	-
4.	Others					35,021,328
5.	Internal Transportation Fee for Imported Materials					11,520,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,225,569,918

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 16
KABUPATEN : BOJONEGORO
KECAMATAN : BAURENO
I K K : BAURENO PROVINCE : EAST JAVA SERVED POPULATION: 12,410

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 70 m	1	No	23,300,000	23,300,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	3	Unit	9,000,000	27,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	1	No	39,947,895	39,947,895
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 6.5 m3 W.P. 8 kg/cm2	1	No	17,517,500	17,517,500
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				230,975,395
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	4,776	m	43,831	209,336,856
		PVC diameter 100 mm	3,000	m	22,422	67,266,000
		PVC diameter 75 mm	3,520	m	15,796	55,601,920
		PVC diameter 50 mm	1,708	m	9,882	16,878,456
		PVC diameter 40 mm	116	m	7,908	917,328
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	53	m	114,539	6,070,567
		GSP diameter 100 mm	133	m	72,609	9,656,997
		GSP diameter 75 mm	39	m	33,942	1,323,738
		GSP diameter 50 mm	24	m	20,454	490,896
		GSP diameter 40 mm	5	m	14,499	72,495
		TOTAL COST OF PIPING				367,615,253
2.	Public Tap		124	No	2,400,000	297,600,000
3.	House Connection		-	No	270,000	-
4.	Others					30,843,464
5.	Internal Transportation Fee for Imported Materials					11,644,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					938,678,112

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 17
KABUPATEN : TUBAN
KECAMATAN : JENU
I K K : JENU PROVINCE : EAST JAVA SERVED POPULATION: 10,740

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	1	No	44,670,000	44,670,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 40 m	1	Unit	11,000,000	11,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	1	No	39,947,895	39,947,895
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 6.5 m3 W.P. 6 kg/cm2	1	No	17,517,500	17,517,500
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				244,095,395
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	2,407	m	43,831	105,501,217
		PVC diameter 100 mm	1,384	m	22,422	31,032,048
		PVC diameter 75 mm	3,277	m	15,796	51,763,492
		PVC diameter 50 mm	349	m	9,882	3,448,818
		PVC diameter 40 mm	918	m	7,908	7,259,544
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	76	m	114,539	8,704,964
		GSP diameter 100 mm	15	m	72,609	1,089,135
		GSP diameter 75 mm	36	m	33,942	1,221,912
		GSP diameter 50 mm	6	m	20,454	122,724
		GSP diameter 40 mm	8	m	14,499	115,992
		TOTAL COST OF PIPING				210,259,846
2.	Public Tap		107	No	2,400,000	256,800,000
3.	House Connection		-	No	270,000	-
4.	Others					25,295,101
5.	Internal Transportation Fee for Imported Materials					10,294,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					746,744,342

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 18
KABUPATEN : MADIUN
KECAMATAN : JIWAN
I K K : JIWAN PROVINCE : EAST JAVA SERVED POPULATION: 19,070

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	1	No	44,670,000	44,670,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 25 l/sec Head 40 m	1	Unit	16,750,000	16,750,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 60 m	2	Unit	13,000,000	26,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 100 KVA	2	Unit	67,250,000	134,500,000
10.	Fuel Tank	Capacity 4 KI	1	No	4,500,000	4,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 200 m3	1	No	65,970,517	65,970,517
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	1	No	24,255,000	24,255,000
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					319,105,517
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	1,397	m	43,831	61,231,907
		PVC diameter 100 mm	2,446	m	22,422	54,844,212
		PVC diameter 75 mm	2,105	m	15,796	33,250,580
		PVC diameter 50 mm	1,723	m	9,882	17,026,686
		PVC diameter 40 mm	978	m	7,908	7,734,024
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	65	m	114,539	7,445,035
		GSP diameter 100 mm	27	m	72,609	1,960,443
		GSP diameter 75 mm	32	m	33,942	1,086,144
		GSP diameter 50 mm	18	m	20,454	368,172
		GSP diameter 40 mm	8	m	14,499	115,992
			TOTAL	COST	OF PIPING	185,063,195
2.	Public Tap		190	No	2,400,000	456,000,000
3.	House Connection		-	No	270,000	-
4.	Others					31,101,729
5.	Internal Transportation Fee for Imported Materials					10,974,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,002,244,441

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 19
KABUPATEN : LAMONGAN
KECAMATAN : KEMBANGBAHU
I K K : KEMBANGBAHU PROVINCE : EAST JAVA SERVED POPULATION: 6,420

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 125 m	-	No	52,500,000	-
		Depth 125 m	1	No	32,500,000	32,500,000
5.	Submersible Pump	Capacity 5 l/sec Head 40 m	1	Unit	9,000,000	9,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 20 KVA	2	Unit	11,250,000	22,500,000
		Capacity 40 KVA	2	Unit	33,000,000	66,000,000
10.	Fuel Tank	Capacity 1 KI	1	No	1,500,000	1,500,000
		Capacity 2 KI	1	No	2,500,000	2,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 80 m3	1	No	27,256,762	27,256,762
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 5 m3 W.P. 6 kg/cm2	1	No	13,475,000	13,475,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				194,191,762
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	2,465	m	22,422	55,270,230
		PVC diameter 75 mm	2,354	m	15,796	37,183,784
		PVC diameter 50 mm	1,460	m	9,882	14,427,720
		PVC diameter 40 mm	597	m	7,908	4,721,076
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	5	m	72,609	363,045
		GSP diameter 75 mm	333	m	33,942	11,302,686
		GSP diameter 50 mm	12	m	20,454	245,448
		GSP diameter 40 mm	7	m	14,499	101,493
		TOTAL COST OF PIPING				123,615,482
2.	Public Tap		64	No	2,400,000	153,600,000
3.	House Connection		-	No	270,000	-
4.	Others					17,647,091
5.	Internal Transportation Fee for Imported Materials					7,686,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					496,740,335

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 20
KABUPATEN : JOMBAN
KECAMATAN : DIWEK
I K K : DIWEK PROVINCE : EAST JAVA SERVED POPULATION: 14,350

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	1	No	44,170,000	44,170,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 20 l/sec Head 40 m	1	Unit	14,250,000	14,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 30 m	2	Unit	9,250,000	18,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	1	No	39,947,895	39,947,895
3.	Elevatied Tank	Capacity 40 m3 Height 15 m	1	No	120,601,430	120,601,430
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				337,929,325
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	170	m	66,862	11,366,540
		PVC diameter 150 mm	2,451	m	43,831	107,429,781
		PVC diameter 100 mm	1,789	m	22,422	40,112,958
		PVC diameter 75 mm	1,083	m	15,796	17,107,068
		PVC diameter 50 mm	881	m	9,882	8,706,042
		PVC diameter 40 mm	648	m	7,908	5,124,384
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	2	m	150,504	301,008
		GSP diameter 150 mm	77	m	114,539	8,819,503
		GSP diameter 100 mm	19	m	72,609	1,379,571
		GSP diameter 75 mm	16	m	33,942	543,072
		GSP diameter 50 mm	12	m	20,454	245,448
		GSP diameter 40 mm	8	m	14,499	115,992
			TOTAL	COST	OF PIPING	201,251,367
2.	Public Tap		143	No	2,400,000	343,200,000
3.	House Connection		-	No	270,000	-
4.	Others					26,414,981
5.	Internal Transportation Fee for Imported Materials					8,283,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					917,078,673

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 21
KABUPATEN : MOJOKERIO
KECAMATAN : KUTOREJO
I K K : KUTOREJO PROVINCE : EAST JAVA SERVED POPULATION: 16,150

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	1	No	44,170,000	44,170,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 20 l/sec Head 40 m	1	Unit	14,250,000	14,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 60 m	2	Unit	11,500,000	23,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	1	No	59,251,750	59,251,750
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	1	No	24,255,000	24,255,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				278,886,750
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	1,019	m	66,862	68,132,378
		PVC diameter 150 mm	2,719	m	43,831	119,176,489
		PVC diameter 100 mm	811	m	22,422	18,184,242
		PVC diameter 75 mm	1,642	m	15,796	25,937,032
		PVC diameter 50 mm	477	m	9,882	4,713,714
		PVC diameter 40 mm	-	m	7,908	-
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	11	m	150,504	1,655,544
		GSP diameter 150 mm	80	m	114,539	9,163,120
		GSP diameter 100 mm	9	m	72,609	653,481
		GSP diameter 75 mm	24	m	33,942	814,608
		GSP diameter 50 mm	6	m	20,454	122,724
		GSP diameter 40 mm	-	m	14,499	-
		TOTAL COST OF PIPING				248,553,332
2.	Public Tap		161	No	2,400,000	386,400,000
3.	House Connection		-	No	270,000	-
4.	Others					29,709,151
5.	Internal Transportation Fee for Imported Materials					11,004,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					954,553,233

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 22
KABUPATEN : LUMAJANG
KECAMATAN : TEMPEH
I K K : TEMPEH PROVINCE : EAST JAVA SERVED POPULATION: 14,150

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 80 m	1	No	33,910,000	33,910,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 20 l/sec Head 40 m	1	Unit	14,250,000	14,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 30 m	2	Unit	9,250,000	18,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	1	No	59,251,750	59,251,750
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	1	No	24,255,000	24,255,000
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				250,626,750
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	1,636	m	43,831	71,707,516
		PVC diameter 100 mm	1,004	m	22,422	22,511,688
		PVC diameter 75 mm	2,814	m	15,796	44,449,944
		PVC diameter 50 mm	332	m	9,882	3,280,824
		PVC diameter 40 mm	34	m	7,908	268,872
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	68	m	114,539	7,788,652
		GSP diameter 100 mm	19	m	72,609	1,379,571
		GSP diameter 75 mm	22	m	33,942	746,724
		GSP diameter 50 mm	7	m	20,454	143,178
		GSP diameter 40 mm	-	m	14,499	-
		TOTAL COST OF PIPING				152,276,969
2.	Public Tap		141	No	2,400,000	338,400,000
3.	House Connection		-	No	270,000	-
4.	Others					24,776,960
5.	Internal Transportation Fee for Imported Materials					10,140,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					776,220,679

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 23
KABUPATEN : LUMAJANG
KECAMATAN : KUNIR
I K K : KUNIR PROVINCE : EAST JAVA SERVED POPULATION: 19,220

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	1	No	44,670,000	44,670,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 25 l/sec Head 40 m	1	Unit	16,750,000	16,750,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 30 m	2	Unit	10,000,000	20,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	2	Unit	54,000,000	108,000,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 150 m3	1	No	49,825,881	49,825,881
3.	Elevatied Tank	Capacity 50 m3 Height 15 m	1	No	151,864,700	151,864,700
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					397,070,581
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	1,513	m	66,862	101,162,206
		PVC diameter 150 mm	1,392	m	43,831	61,012,752
		PVC diameter 100 mm	2,557	m	22,422	57,333,054
		PVC diameter 75 mm	3,617	m	15,796	57,134,132
		PVC diameter 50 mm	937	m	9,882	9,259,434
		PVC diameter 40 mm	701	m	7,908	5,543,508
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	17	m	150,504	2,558,568
		GSP diameter 150 mm	65	m	114,539	7,445,035
		GSP diameter 100 mm	34	m	72,609	2,468,706
		GSP diameter 75 mm	32	m	33,942	1,086,144
		GSP diameter 50 mm	10	m	20,454	204,540
		GSP diameter 40 mm	7	m	14,499	101,493
		TOTAL COST OF PIPING				305,309,572
2.	Public Tap		192	No	2,400,000	460,800,000
3.	House Connection		-	No	270,000	-
4.	Others					34,062,846
5.	Internal Transportation Fee for Imported Materials					9,519,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,206,761,999

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 24
KABUPATEN : LUMAJANG
KECAMATAN : TEMPURSARI
I K K : TEMPURSARI PROVINCE : EAST JAVA SERVED POPULATION: 11,480

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 15 l/sec	1	No	29,500,000	29,500,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	3	Unit	8,500,000	25,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 30 m3	1	No	13,580,700	13,580,700
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 6.5 m3 W.P. 6 kg/cm2	1	No	17,517,500	17,517,500
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				186,558,200
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	6,430	m	43,831	281,833,330
		PVC diameter 100 mm	1,035	m	22,422	23,206,770
		PVC diameter 75 mm	198	m	15,796	3,127,608
		PVC diameter 50 mm	-	m	9,882	-
		PVC diameter 40 mm	-	m	7,908	-
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	71	m	114,539	8,132,269
		GSP diameter 100 mm	14	m	72,609	1,016,526
		GSP diameter 75 mm	9	m	33,942	305,478
		GSP diameter 50 mm	-	m	20,454	-
		GSP diameter 40 mm	-	m	14,499	-
			TOTAL	COST	OF PIPING	317,621,981
2.	Public Tap		114	No	2,400,000	273,600,000
3.	House Connection		-	No	270,000	-
4.	Others					27,104,907
5.	Internal Transportation Fee for Imported Materials					8,854,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					813,739,088

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 25
KABUPATEN : PROBOLINGGO
KECAMATAN : BANYUANYAR
I K K : BANYUANYAR PROVINCE : EAST JAVA SERVED POPULATION: 16.330

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Connection Cost	Capacity – l/sec (Labour joint)	–	No	–	–
2.	Water Source from Spring	Capacity – l/sec	–	No	–	–
3.	Deep Well	Depth – m	–	No	–	–
4.	Shallow Well	Depth 50 m	1	No	30,485,000	30,485,000
5.	Submersible Pump	Capacity 10 l/sec Head 40 m	1	Unit	9,500,000	9,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 40 m	2	Unit	9,250,000	18,500,000
7.	Booster Pump	Capacity – l/sec Head – m	–	Unit	–	–
8.	Pump Pit	Capacity – m3	–	Unit	–	–
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity – KVA	–	LS	–	–
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity – m3	–	No	–	–
2.	Service Reservoir	Capacity 160 m3	1	No	59,251,750	59,251,750
3.	Elevatied Tank	Capacity – m3 Height – m	–	No	–	–
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	1	No	24,255,000	24,255,000
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					242,451,750
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	–	m	98,466	–
		PVC diameter 200 mm	–	m	66,862	–
		PVC diameter 150 mm	491	m	43,831	21,521,021
		PVC diameter 100 mm	1,809	m	22,422	40,561,398
		PVC diameter 75 mm	3,412	m	15,796	53,895,952
		PVC diameter 50 mm	21	m	9,882	207,522
		PVC diameter 40 mm	108	m	7,905	854,064
		GSP diameter 250 mm	–	m	211,228	–
		GSP diameter 200 mm	–	m	150,504	–
		GSP diameter 150 mm	6	m	114,539	687,234
		GSP diameter 100 mm	600	m	72,609	43,565,400
		GSP diameter 75 mm	46	m	33,942	1,561,332
		GSP diameter 50 mm	–	m	20,454	–
		GSP diameter 40 mm	–	m	14,499	–
			TOTAL	COST	OF PIPING	162,853,923
2.	Public Tap		163	No	2,400,000	391,200,000
3.	House Connection		–	No	270,000	–
4.	Others					25,526,144
5.	Internal Transportation Fee for Imported Materials					9,671,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					831,702,817

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 26
KABUPATEN : PROBOLINGGO
KECAMATAN : SUMBERASIH
I K K : SUMBERASIH PROVINCE : EAST JAVA SERVED POPULATION: 9,860

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 80 m	1	No	33,910,000	33,910,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 40 m	1	Unit	11,000,000	11,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 30 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 90 m3	1	No	30,939,000	30,939,000
3.	Elevatied Tank	Capacity 30 m3 Height 15 m	1	No	96,864,300	96,864,300
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					289,173,300
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	1,611	m	43,831	70,611,741
		PVC diameter 100 mm	1,224	m	22,422	27,444,528
		PVC diameter 75 mm	3,133	m	15,796	49,488,868
		PVC diameter 50 mm	50	m	9,882	494,100
		PVC diameter 40 mm	87	m	7,908	687,996
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	68	m	114,539	7,788,652
		GSP diameter 100 mm	13	m	72,609	943,917
		GSP diameter 75 mm	40	m	33,942	1,357,680
		GSP diameter 50 mm	-	m	20,454	-
		GSP diameter 40 mm	-	m	14,499	-
			TOTAL	COST	OF PIPING	158,817,482
2.	Public Tap		98	No	2,400,000	235,200,000
3.	House Connection		-	No	270,000	-
4.	Others					22,503,124
5.	Internal Transportation Fee for Imported Materials					8,313,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					714,006,906

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 27
KABUPATEN : GIANYAR
KECAMATAN : TAMPAKSIRING
I K K : TAMPAKSIRING PROVINCE : BALI SERVED POPULATION: 8,730

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity – l/sec (Labour joint)	–	No	–	–
2.	Water Source from Spring	Capacity 10 l/sec	1	No	19,500,000	19,500,000
3.	Deep Well	Depth – m	–	No	–	–
4.	Shallow Well	Depth – m	–	No	–	–
5.	Submersible Pump	Capacity – l/sec Head – m	–	Unit	–	–
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 40 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity – l/sec Head – m	–	Unit	–	–
8.	Pump Pit	Capacity – m3	–	Unit	–	–
9.	Emergency Genset	Capacity 40 KVA	2	Unit	33,000,000	66,000,000
10.	Fuel Tank	Capacity 2 Kl	1	No	2,500,000	2,500,000
11.	Power Station from PLN	Capacity – KVA	–	LS	–	–
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity – m3	–	No	–	–
2.	Service Reservoir	Capacity 20 m3	1	No	13,357,000	13,357,000
3.	Elevatied Tank	Capacity 20 m3 Height 11.5 m	1	No	71,757,630	71,757,630
4.	Hydrophore	Capacity – m3 W.P. – kg/cm2	–	No	–	–
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				191,574,630
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	–	m	100,927	–
		PVC diameter 200 mm	–	m	68,533	–
		PVC diameter 150 mm	777	m	44,927	34,908,279
		PVC diameter 100 mm	3,440	m	23,003	79,130,320
		PVC diameter 75 mm	1,118	m	16,191	18,101,538
		PVC diameter 50 mm	1,162	m	10,129	11,769,898
		PVC diameter 40 mm	1,919	m	8,106	15,555,414
		GSP diameter 250 mm	–	m	216,509	–
		GSP diameter 200 mm	–	m	154,266	–
		GSP diameter 150 mm	9	m	117,402	1,056,618
		GSP diameter 100 mm	38	m	74,424	2,828,112
		GSP diameter 75 mm	12	m	34,790	417,480
		GSP diameter 50 mm	13	m	18,864	245,232
		GSP diameter 40 mm	28	m	14,861	416,108
		TOTAL COST OF PIPING				164,428,999
2.	Public Tap		87	No	2,450,000	213,150,000
3.	House Connection		–	No	288,000	–
4.	Others					18,851,739
5.	Internal Transportation Fee for Imported Materials					11,124,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					599,129,368

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 28
KABUPATEN : GIANYAR
KECAMATAN : SUKAWATI
I K K : KETEWEL PROVINCE : BALI SERVED POPULATION: 9,250

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 80 m	1	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 40 m	1	Unit	11,000,000	11,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 40 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 3 Kl	1	No	3,500,000	3,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 90 m3	1	No	36,289,179	36,289,179
3.	Elevatied Tank	Capacity 30 m3 Height 10.5 m	1	No	91,863,200	91,863,200
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				255,612,379
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	-	m	68,533	-
		PVC diameter 150 mm	3,714	m	44,927	166,858,878
		PVC diameter 100 mm	3,904	m	23,003	89,803,712
		PVC diameter 75 mm	1,870	m	16,191	30,277,170
		PVC diameter 50 mm	2,665	m	10,129	26,993,785
		PVC diameter 40 mm	2,141	m	8,106	17,354,946
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	-	m	154,266	-
		GSP diameter 150 mm	91	m	117,402	10,683,582
		GSP diameter 100 mm	43	m	74,424	3,200,232
		GSP diameter 75 mm	21	m	34,790	730,590
		GSP diameter 50 mm	29	m	18,864	547,056
		GSP diameter 40 mm	24	m	14,861	356,664
		TOTAL COST OF PIPING				346,806,615
2.	Public Tap		92	No	2,450,000	225,400,000
3.	House Connection		-	No	288,000	-
4.	Others					27,492,384
5.	Internal Transportation Fee for Imported Materials					16,800,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					872,111,378

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 29
KABUPATEN : KARANGASEM
KECAMATAN : RENDANG
I K K : MENANGA PROVINCE : BALI SERVED POPULATION: 5,760

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 10 l/sec	1	No	19,500,000	19,500,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
		Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
		Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
		Capacity 5 l/sec Head 80 m	4	Unit	9,000,000	36,000,000
8.	Pump Pit	Capacity 1.5 m3	2	Unit	7,250,000	14,500,000
		Capacity 3 m3	3	Unit	12,200,000	36,600,000
9.	Emergency Genset	Capacity 20 KVA	4	Unit	11,250,000	45,000,000
		Capacity 40 KVA	6	Unit	33,000,000	198,000,000
		Capacity 60 KVA	2	Unit	47,250,000	94,500,000
10.	Fuel Tank	Capacity 1 KI	1	No	1,500,000	1,500,000
		Capacity 2 KI	1	No	2,500,000	2,500,000
		Capacity 3 KI	1	No	3,500,000	3,500,000
11.	Powerstation from PLN	Capacity 10 m3	-	No	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 1.5 m3	3	No	8,500,000	25,500,000
2.	Service Reservoir	Capacity 20 m3	1	No	13,357,000	13,357,000
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 5 m3 W.P. 8 kg/cm2	1	No	13,475,000	13,475,000
		Capacity 3 m3 W.P. 8 kg/cm2	2	No	6,612,500	13,225,000
		Capacity 2 m3 W.P. 8 kg/cm2	1	No	4,887,500	4,887,500
		Capacity 3 m3 W.P. 6 kg/cm2	1	No	6,612,500	6,612,500
		Capacity 2 m3 W.P. 6 kg/cm2	1	No	4,887,500	4,887,500
TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)						606,004,500

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : 29
KABUPATEN : KARANGASEM
KECAMATAN : RENDANG
I K K : MENANGA PROVINCE : BALI SERVED POPULATION: 5,760

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	-	m	68,533	-
		PVC diameter 150 mm	1,592	m	44,927	71,523,784
		PVC diameter 100 mm	2,503	m	23,003	57,576,509
		PVC diameter 75 mm	2,305	m	16,191	37,320,255
		PVC diameter 50 mm	1,890	m	10,129	19,143,810
		PVC diameter 40 mm	2,067	m	8,106	16,755,102
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	-	m	154,266	-
		GSP diameter 150 mm	18	m	117,402	2,113,236
		GSP diameter 100 mm	28	m	74,424	2,083,872
		GSP diameter 75 mm	25	m	34,790	869,750
		GSP diameter 50 mm	23	m	18,864	433,872
		GSP diameter 40 mm	24	m	14,861	356,664
			TOTAL	COST	OF PIPING	208,176,854
2.	Public Tap		57	No	2,450,000	139,650,000
3.	House Connection		-	No	288,000	-
4.	Others					45,757,498
5.	Internal Transportation Fee for Imported Materials					61,759,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					1,061,347,852

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FIRST STAGE)

NAME CODE : **30**
KABUPATEN : KARANGASEM
KECAMATAN : BEBANDAN
I K K : SIBETAN PROVINCE : BALI SERVED POPULATION: 9,710

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 12 l/sec	1	No	7,800,000	7,800,000
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
8.	Pump Pit	Capacity 9 m3	1	Unit	25,500,000	25,500,000
9.	Emergency Genset	Capacity 100 KVA	2	Unit	67,250,000	134,500,000
10.	Fuel Tank	Capacity 4 KI	1	No	4,500,000	4,500,000
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 9 m3	1	No	22,000,000	22,000,000
		Capacity 3 m3	1	No	9,500,000	9,500,000
2.	Service Reservoir	Capacity 90 m3	1	No	36,289,179	36,289,179
3.	Elevatied Tank	Capacity 30 m3 Height 11 m	1	No	93,700,400	93,700,400
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				372,249,579
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	1,056	m	68,533	72,370,848
		PVC diameter 150 mm	1,284	m	44,927	57,686,268
		PVC diameter 100 mm	2,858	m	23,003	65,742,574
		PVC diameter 75 mm	409	m	16,191	6,622,119
		PVC diameter 50 mm	3,467	m	10,129	35,117,243
		PVC diameter 40 mm	2,936	m	8,106	23,799,216
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	12	m	154,266	1,851,192
		GSP diameter 150 mm	14	m	117,402	1,643,628
		GSP diameter 100 mm	31	m	74,424	2,307,144
		GSP diameter 75 mm	5	m	34,790	173,950
		GSP diameter 50 mm	38	m	18,864	716,832
		GSP diameter 40 mm	24	m	14,861	356,664
		TOTAL COST OF PIPING				268,387,678
2.	Public Tap		97	No	2,450,000	237,650,000
3.	House Connection		-	No	288,000	-
4.	Others					30,573,124
5.	Internal Transportation Fee for Imported Materials					28,260,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					937,120,381

3. Detailed Direct Cost (Final Stage)

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 1
KABUPATEN : BREBES
KECAMATAN : BULAKAMBA
I K K : BULAKAMBA PROVINCE : CENTRAL JAVA SERVED POPULATION: 19,100

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 75 m	1	No	32,585,000	32,585,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 30 m	1	Unit	10,500,000	10,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 30 m	1	Unit	10,000,000	10,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 150 m3	-	No	42,063,000	-
3.	Elevatied Tank	Capacity 50 m3 Height 15 m	-	No	140,981,280	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				53,085,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	358	m	21,895	7,838,410
		PVC diameter 75 mm	1,191	m	15,411	18,354,501
		PVC diameter 50 mm	946	m	9,641	9,120,386
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	12	m	33,114	397,368
		GSP diameter 50 mm	7	m	17,955	125,685
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				35,836,350
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,528	No	250,000	382,000,000
4.	Others					13,126,366
5.	Internal Transportation Fee for Imported Materials					6,540,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					490,587,716

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 2
KABUPATEN : CILACAP
KECAMATAN : JERUKLEGI
I K K : JERUKLEGI PROVINCE : CENTRAL JAVA SERVED POPULATION: 18,370

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity 21 l/sec (Labour joint)	-	No	13,650,000	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 60 m	1	Unit	13,000,000	13,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 KI	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity - l/hr	-	Unit	-	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 200 m3	-	No	55,691,057	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	-	No	24,255,000	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				13,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	-	m	15,411	-
		PVC diameter 50 mm	3,000	m	9,641	28,923,000
		PVC diameter 40 mm	2,925	m	7,715	22,566,375
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	32	m	17,955	574,560
		GSP diameter 40 mm	28	m	14,145	396,060
		TOTAL COST OF PIPING				52,459,995
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,286	No	250,000	321,500,000
4.	Others					11,741,300
5.	Internal Transportation Fee for Imported Materials					4,515,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					403,216,295

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 3
KABUPATEN : PURWOREJO
KECAMATAN : KEMIRI
I K K : KEMIRI PROVINCE : CENTRAL JAVA SERVED POPULATION: 14,860

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Water Facility	Capacity 18 l/sec	-	No	184,100,000	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 40 m	1	No	24,990,000	24,990,000
5.	Submersible Pump	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 60 m	1	Unit	11,500,000	11,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity 1.5 m3	-	Unit	7,250,000	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	-	No	50,770,854	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	-	No	24,255,000	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					45,740,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	497	m	15,411	7,659,267
		PVC diameter 50 mm	2,502	m	9,641	24,121,782
		PVC diameter 40 mm	424	m	7,715	3,271,160
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	13	m	33,114	430,482
		GSP diameter 50 mm	23	m	17,955	412,965
		GSP diameter 40 mm	11	m	14,145	155,595
			TOTAL	COST	OF PIPING	36,051,251
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,189	No	250,000	297,250,000
4.	Others					10,763,888
5.	Internal Transportation Fee for Imported Materials					5,895,000
	TOTAL COST OF FACILITIES. CIVIL WORK AND PIPE LAYING (I + II + III)					395,700,139

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 4
KABUPATEN : BANJARNEGARA
KECAMATAN : MADUKARA
I K K : MADUKARA PROVINCE : CENTRAL JAVA SERVED POPULATION: 7,320

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Water Facility	Capacity 8 l/sec	-	No	110,700,000	-
2.	Water Source from Spring	Capacity 10 l/sec	-	No	7,500,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	1	Unit	9,000,000	9,000,000
7.	Booster Pump	Capacity 5 l/sec Head 60 m	1	Unit	8,500,000	8,500,000
8.	Pump Pit	Capacity 6 m3	-	Unit	17,080,000	-
9.	Emergency Genset	Capacity 40 KVA	-	Unit	33,000,000	-
		Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 2 Kl	-	No	2,500,000	-
		Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 6 m3	-	No	16,100,000	-
2.	Service Reservoir	Capacity 60 m3	-	No	17,548,403	-
3.	Elevatied Tank	Capacity 20 m3 Height 15 m	-	No	66,615,489	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					17,500,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	-	m	15,411	-
		PVC diameter 50 mm	1,374	m	9,641	13,246,734
		PVC diameter 40 mm	649	m	7,715	5,007,035
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	13	m	17,955	233,415
		GSP diameter 40 mm	7	m	14,145	99,015
		TOTAL COST OF PIPING				18,586,199
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		512	No	250,000	128,000,000
4.	Others					5,615,086
5.	Internal Transportation Fee for Imported Materials					3,563,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					173,264,285

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 5
KABUPATEN : BANJARNEGARA
KECAMATAN : PUNGGELAN
I K K : PUNGGELAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 6,450

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 35 l/sec	-	No	22,750,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	1	Unit	9,000,000	9,000,000
7.	Booster Pump	Capacity 5 l/sec Head 60 m	1	Unit	8,500,000	8,500,000
8.	Pump Pit	Capacity 6 m3	-	Unit	17,080,000	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 6 m3	-	No	16,100,000	-
2.	Service Reservoir	Capacity 20 m3	-	No	11,698,935	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					17,500,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	-	m	15,411	-
		PVC diameter 50 mm	188	m	9,641	1,812,508
		PVC diameter 40 mm	311	m	7,715	2,399,365
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	-	m	17,955	-
		GSP diameter 40 mm	3	m	14,145	42,435
			TOTAL	COST	OF PIPING	4,254,308
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		452	No	250,000	113,000,000
4.	Others					5,460,129
5.	Internal Transportation Fee for Imported Materials					4,892,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					145,106,437

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 6
KABUPATEN : KEBUMEN
KECAMATAN : KARANGGAYAM
I K K : KARANGGAYAM PROVINCE : CENTRAL JAVA SERVED POPULATION: 4,920

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity 6 l/sec (Labour joint)	-	No	4,500,000	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	1	Unit	9,000,000	9,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity - l/hr	-	Unit	-	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 80 m3	-	No	23,079,404	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 5 m3 W.P. 8 kg/cm2	-	No	13,475,000	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					9,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	-	m	15,411	-
		PVC diameter 50 mm	997	m	9,641	9,612,077
		PVC diameter 40 mm	500	m	7,715	3,857,500
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	7	m	17,955	125,685
		GSP diameter 40 mm	-	m	14,145	-
			TOTAL	COST	OF PIPING	13,595,262
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		344	No	250,000	86,000,000
4.	Others					5,782,858
5.	Internal Transportation Fee for Imported Materials					4,477,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					118,855,120

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 7
KABUPATEN : KEBUMEN
KECAMATAN : PETANAHAN
I K K : PETANAHAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 8,420

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 60 m	-	No	36,660,000	-
5.	Submersible Pump	Capacity 10 l/sec Head 30 m	-	Unit	9,250,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 30 m	1	Unit	8,000,000	8,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 40 KVA	-	Unit	33,000,000	-
10.	Fuel Tank	Capacity 2 Kl	-	No	2,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 60 m3	-	No	17,548,403	-
3.	Elevatied Tank	Capacity 20 m3 Height 15 m	-	No	66,615,489	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				8,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	566	m	15,411	8,722,626
		PVC diameter 50 mm	1,398	m	9,641	13,478,118
		PVC diameter 40 mm	2,397	m	7,715	18,492,855
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	16	m	17,955	287,280
		GSP diameter 40 mm	27	m	14,145	381,915
		TOTAL COST OF PIPING				41,362,794
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		589	No	250,000	147,250,000
4.	Others					7,469,634
5.	Internal Transportation Fee for Imported Materials					3,752,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					207,834,428

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 8
KABUPATEN : KENDAL
KECAMATAN : SUKOREJO
I K K : SUKOREJO PROVINCE : CENTRAL JAVA SERVED POPULATION: 15,010

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 20 l/sec	-	No	39,000,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity - KVA	-	Unit	-	-
10.	Fuel Tank	Capacity - Kl	-	No	-	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 10 m3	-	No	26,500,000	-
2.	Service Reservoir	Capacity 40 m3	-	No	13,950,000	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					-
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	211	m	15,411	3,251,721
		PVC diameter 50 mm	1,553	m	9,641	14,972,473
		PVC diameter 40 mm	945	m	7,715	7,290,675
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	11	m	17,955	197,505
		GSP diameter 40 mm	12	m	14,145	169,740
			TOTAL	COST	OF PIPING	25,882,114
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,051	No	250,000	262,750,000
4.	Others					9,217,713
5.	Internal Transportation Fee for Imported Materials					4,500,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					302,349,827

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 9
KABUPATEN : BLORA
KECAMATAN : JEPON
I K K : JEPON PROVINCE : CENTRAL JAVA SERVED POPULATION: 14,650

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Water Facility	Capacity 18 l/sec	-	No	184,100,000	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 150 m	2	No	50,979,000	101,958,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 5 l/sec Head 40 m	2	Unit	8,750,000	17,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 40 KVA	-	Unit	33,000,000	-
10.	Fuel Tank	Capacity 2 Kl	-	No	2,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 10 m3	-	No	26,500,000	-
2.	Service Reservoir	Capacity 160 m3	-	No	50,770,854	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				119,458,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	255	m	15,411	3,929,805
		PVC diameter 50 mm	2,282	m	9,641	22,000,762
		PVC diameter 40 mm	458	m	7,715	3,533,470
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	14	m	17,955	251,370
		GSP diameter 40 mm	5	m	14,145	70,725
		TOTAL COST OF PIPING				29,786,132
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,172	No	250,000	293,000,000
4.	Others					12,455,454
5.	Internal Transportation Fee for Imported Materials					4,588,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					459,287,586

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : **10**
KABUPATEN : PATI
KECAMATAN : BATURSARI
I K K : BATANGAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 10,100

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Water Treatment Facility	Capacity 15 l/sec (Labour joint)	-	No	226,277,287	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 30 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 20 KVA	-	Unit	11,250,000	-
10.	Fuel Tank	Capacity 1 Kl	-	No	1,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity - l/hr	-	Unit	-	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 90 m3	-	No	25,969,897	-
3.	Elevatied Tank	Capacity 30 m3 Height 15 m	-	No	89,922,110	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				16,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	300	m	21,895	6,568,500
		PVC diameter 75 mm	565	m	15,411	8,707,215
		PVC diameter 50 mm	2,260	m	9,641	21,788,660
		PVC diameter 40 mm	525	m	7,715	4,050,375
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	21	m	17,955	377,055
		GSP diameter 40 mm	6	m	14,145	84,870
		TOTAL COST OF PIPING				41,576,675
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		808	No	250,000	202,000,000
4.	Others					10,817,300
5.	Internal Transportation Fee for Imported Materials					658,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					271,051,975

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 11
KABUPATEN : SRAGEN
KECAMATAN : GONDANG
I K K : GONDANG PROVINCE : CENTRAL JAVA SERVED POPULATION: 20,330

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 150 m	1	No	54,296,000	54,296,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 60 m	1	Unit	13,000,000	13,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity 5 l/sec Head 60 m	-	Unit	8,500,000	-
8.	Pump Pit	Capacity 3 m3	-	Unit	12,200,000	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
		Capacity 20 KVA	-	Unit	11,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
		Capacity 1 Kl	-	No	1,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 3 m3	-	No	9,500,000	-
2.	Service Reservoir	Capacity 200 m3	-	No	55,691,057	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 3 m3 W.P. 6 kg/cm2	-	No	6,612,500	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					67,296,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	826	m	15,411	12,729,486
		PVC diameter 50 mm	1,163	m	9,641	11,212,483
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	-	m	17,955	-
		GSP diameter 40 mm	-	m	14,145	-
			TOTAL	COST	OF PIPING	23,941,969
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,423	No	250,000	355,750,000
4.	Others					12,213,949
5.	Internal Transportation Fee for Imported Materials					5,241,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					464,442,318

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 12
KABUPATEN : SRAGEN
KECAMATAN : JENAR
I K K : JENAR PROVINCE : CENTRAL JAVA SERVED POPULATION: 7,900

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 30 m	1	No	23,300,000	23,300,000
5.	Submersible Pump	Capacity 5 l/sec Head 30 m	1	Unit	8,750,000	8,750,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	1	Unit	8,500,000	8,500,000
7.	Booster Pump	Capacity 5 l/sec Head 30 m	-	Unit	8,000,000	-
8.	Pump Pit	Capacity 1.5 m3	-	Unit	7,250,000	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
		Capacity 20 KVA	-	Unit	11,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
		Capacity 1 Kl	-	No	1,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	10,500,000	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 80 m3	-	No	23,079,404	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 3 m3 W.P. 6 kg/cm2	-	No	13,475,000	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					40,550,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	-	m	15,411	-
		PVC diameter 50 mm	1,000	m	9,641	9,641,000
		PVC diameter 40 mm	1,225	m	7,715	9,450,875
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	11	m	17,955	197,505
		GSP diameter 40 mm	19	m	14,145	268,755
		TOTAL COST OF PIPING				19,558,135
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		553	No	250,000	138,250,000
4.	Others					7,631,244
5.	Internal Transportation Fee for Imported Materials					4,921,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					210,910,379

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 13
KABUPATEN : MONOGIRI
KECAMATAN : GIRIWOYO
I K K : GIRIWOYO PROVINCE : CENTRAL JAVA SERVED POPULATION: 6,050

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 10 l/sec	-	No	19,500,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	1	Unit	9,000,000	9,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 20 m3	-	No	11,698,935	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				9,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	127	m	15,411	1,957,197
		PVC diameter 50 mm	373	m	9,641	3,596,093
		PVC diameter 40 mm	1,500	m	7,715	11,572,500
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	-	m	17,955	-
		GSP diameter 40 mm	17	m	14,145	240,465
			TOTAL	COST	OF PIPING	17,366,255
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		484	No	250,000	121,000,000
4.	Others					6,420,988
5.	Internal Transportation Fee for Imported Materials					3,681,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					157,468,243

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 14
KABUPATEN : SEMARANG
KECAMATAN : HARJOSARI
I K K : BAWEN PROVINCE : CENTRAL JAVA SERVED POPULATION: 17,880

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 25 l/sec	-	No	19,500,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity - l/sec Head - m	-	Unit	-	-
7.	Booster Pump	Capacity 15 l/sec Head 80 m	-	Unit	14,500,000	-
		Capacity 5 l/sec Head 40 m	-	Unit	8,000,000	-
8.	Pump Pit	Capacity 1.5 m3	-	Unit	7,250,000	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
		Capacity 20 KVA	-	Unit	11,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
		Capacity 1 Kl	-	No	1,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 12 m3	-	No	30,000,000	-
2.	Service Reservoir	Capacity 200 m3	-	No	55,691,000	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 3 m3 W.P. 6 kg/cm2	-	No	6,612,500	-
		Capacity 6.5 m3 W.P. 8 kg/cm2	-	No	17,517,500	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					-
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	96,064	-
		PVC diameter 200 mm	-	m	65,231	-
		PVC diameter 150 mm	-	m	42,762	-
		PVC diameter 100 mm	-	m	21,895	-
		PVC diameter 75 mm	-	m	15,411	-
		PVC diameter 50 mm	1,883	m	9,641	18,154,003
		PVC diameter 40 mm	-	m	7,715	-
		GSP diameter 250 mm	-	m	206,076	-
		GSP diameter 200 mm	-	m	146,833	-
		GSP diameter 150 mm	-	m	111,745	-
		GSP diameter 100 mm	-	m	70,838	-
		GSP diameter 75 mm	-	m	33,114	-
		GSP diameter 50 mm	14	m	17,955	251,370
		GSP diameter 40 mm	-	m	14,145	-
		TOTAL COST OF PIPING				18,405,373
2.	Public Tap		-	No	2,200,000	-
3.	House Connection		1,430	No	250,000	357,500,000
4.	Others					10,414,661
5.	Internal Transportation Fee for Imported Materials					4,055,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					390,375,034

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 15
KABUPATEN : BOJONEGORO
KECAMATAN : BALEN
I K K : BALEN PROVINCE : EAST JAVA SERVED POPULATION: 14,900

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 70 m	1	No	38,226,000	38,226,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 10 l/sec Head 40 m	1	Unit	9,500,000	9,500,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 KI	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	-	No	39,947,895	-
3.	Elevatied Tank	Capacity 40 m3 Height 15 m	-	No	120,601,430	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				56,976,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	330	m	22,422	7,399,260
		PVC diameter 75 mm	1,073	m	15,796	16,949,108
		PVC diameter 50 mm	948	m	9,882	9,368,136
		PVC diameter 40 mm	466	m	7,908	3,685,128
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	12	m	33,942	407,304
		GSP diameter 50 mm	12	m	20,454	245,448
		GSP diameter 40 mm	5	m	14,499	72,495
		TOTAL COST OF PIPING				38,126,879
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		1,043	No	270,000	281,610,000
4.	Others					10,660,096
5.	Internal Transportation Fee for Imported Materials					11,520,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					398,892,975

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 16
KABUPATEN : BOJONEGORO
KECAMATAN : BAURENO
I K K : BAURENO PROVINCE : EAST JAVA SERVED POPULATION: 12,410

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 70 m	1	No	23,300,000	23,300,000
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	1	Unit	9,000,000	9,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	-	No	39,947,895	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 6.5 m3 W.P. 8 kg/cm2	-	No	17,517,500	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				41,550,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	-	m	15,796	-
		PVC diameter 50 mm	2,000	m	9,882	19,764,000
		PVC diameter 40 mm	797	m	7,908	6,302,676
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	17	m	20,454	347,718
		GSP diameter 40 mm	5	m	14,499	72,495
		TOTAL COST OF PIPING				26,486,889
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		993	No	270,000	268,110,000
4.	Others					9,852,007
5.	Internal Transportation Fee for Imported Materials					11,644,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					357,642,896

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 17
KABUPATEN : TUBAN
KECAMATAN : JENU
I K K : JENU PROVINCE : EAST JAVA SERVED POPULATION: 10,740

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	-	No	44,670,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 40 m	-	Unit	11,000,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	2	Unit	8,500,000	17,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	-	No	39,947,895	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 6.5 m3 W.P. 6 kg/cm2	-	No	17,517,500	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				17,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	-	m	15,796	-
		PVC diameter 50 mm	1,500	m	9,882	14,823,000
		PVC diameter 40 mm	1,500	m	7,908	11,862,000
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	14	m	20,454	286,356
		GSP diameter 40 mm	19	m	14,499	275,481
		TOTAL COST OF PIPING				27,246,837
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		752	No	270,000	203,040,000
4.	Others					8,468,005
5.	Internal Transportation Fee for Imported Materials					10,294,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					266,048,842

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 18
KABUPATEN : MADIUN
KECAMATAN : JIWAN
I K K : JIWAN PROVINCE : EAST JAVA SERVED POPULATION: 19,070

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	-	No	44,670,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 25 l/sec Head 40 m	-	Unit	16,750,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 60 m	1	Unit	13,000,000	13,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 100 KVA	-	Unit	67,250,000	-
10.	Fuel Tank	Capacity 4 Kl	-	No	4,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 200 m3	-	No	65,970,517	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	-	No	24,255,000	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					13,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	881	m	15,796	13,916,276
		PVC diameter 50 mm	2,555	m	9,882	25,248,510
		PVC diameter 40 mm	1,412	m	7,908	11,166,096
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	6	m	33,942	203,652
		GSP diameter 50 mm	24	m	20,454	490,896
		GSP diameter 40 mm	17	m	14,499	246,483
			TOTAL	COST	OF PIPING	51,271,913
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		1,526	No	270,000	412,020,000
4.	Others					12,063,457
5.	Internal Transportation Fee for Imported Materials					10,974,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					499,329,370

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 19
KABUPATEN : LAMONGAN
KECAMATAN : KEMBANGBAHU
I K K : KEMBANGBAHU PROVINCE : EAST JAVA SERVED POPULATION: 6,420

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 125 m	1	No	52,500,000	52,500,000
		Depth 125 m	-	No	32,500,000	-
5.	Submersible Pump	Capacity 5 l/sec Head 40 m	1	Unit	9,000,000	9,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	1	Unit	8,500,000	8,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 20 KVA	-	Unit	11,250,000	-
		Capacity 40 KVA	-	Unit	33,000,000	-
10.	Fuel Tank	Capacity 1 Kl	-	No	1,500,000	-
		Capacity 2 Kl	-	No	2,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 80 m3	-	No	27,256,762	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 5 m3 W.P. 6 kg/cm2	-	No	13,475,000	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				70,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	-	m	15,796	-
		PVC diameter 50 mm	1,000	m	9,882	9,882,000
		PVC diameter 40 mm	653	m	7,908	5,163,924
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	8	m	20,454	163,632
		GSP diameter 40 mm	7	m	14,499	101,493
		TOTAL COST OF PIPING				15,311,049
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		449	No	270,000	121,230,000
4.	Others					6,202,781
5.	Internal Transportation Fee for Imported Materials					7,686,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					220,429,830

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 20
KABUPATEN : JOMBAN
KECAMATAN : DIWEK
I K K : DIWEK PROVINCE : EAST JAVA SERVED POPULATION: 14,350

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	-	No	44,170,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 20 l/sec Head 40 m	-	Unit	14,250,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 KI	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	-	No	39,947,895	-
3.	Elevatied Tank	Capacity 40 m3 Height 15 m	-	No	120,601,430	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					9,250,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	398	m	15,796	6,286,808
		PVC diameter 50 mm	3,101	m	9,882	30,644,082
		PVC diameter 40 mm	2,062	m	7,908	16,306,296
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	32	m	20,454	654,528
		GSP diameter 40 mm	22	m	14,499	318,978
		TOTAL COST OF PIPING				54,210,692
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		1,148	No	270,000	309,960,000
4.	Others					10,376,971
5.	Internal Transportation Fee for Imported Materials					8,283,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					392,080,663

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 21
KABUPATEN : MOJOKERIO
KECAMATAN : KUTOREJO
I K K : KUTOREJO PROVINCE : EAST JAVA SERVED POPULATION: 16,150

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	-	No	44,170,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 20 l/sec Head 40 m	-	Unit	14,250,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 60 m	1	Unit	11,500,000	11,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	-	No	59,251,750	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	-	No	24,255,000	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				11,500,000
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	250	m	15,796	3,949,000
		PVC diameter 50 mm	889	m	9,882	8,785,098
		PVC diameter 40 mm	1,709	m	7,908	13,514,772
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	6	m	20,454	122,724
		GSP diameter 40 mm	19	m	14,499	275,481
		TOTAL COST OF PIPING				26,647,075
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		1,131	No	270,000	305,370,000
4.	Others					9,627,462
5.	Internal Transportation Fee for Imported Materials					11,004,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					364,148,537

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 22
KABUPATEN : LUMAJANG
KECAMATAN : TEMPEH
I K K : TEMPEH PROVINCE : EAST JAVA SERVED POPULATION: 14,150

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 80 m	-	No	33,910,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 20 l/sec Head 40 m	-	Unit	14,250,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 30 m	1	Unit	9,250,000	9,250,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	-	No	59,251,750	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	-	No	24,255,000	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					9,250,000
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	157	m	15,796	2,479,972
		PVC diameter 50 mm	2,342	m	9,882	23,143,644
		PVC diameter 40 mm	1,079	m	7,908	8,532,732
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	16	m	20,454	327,264
		GSP diameter 40 mm	12	m	14,499	173,988
		TOTAL COST OF PIPING				34,657,600
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		991	No	270,000	267,570,000
4.	Others					9,154,528
5.	Internal Transportation Fee for Imported Materials					10,140,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					330,772,128

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 23
KABUPATEN : LUMAJANG
KECAMATAN : KUNIR
I K K : KUNIR PROVINCE : EAST JAVA SERVED POPULATION: 19,220

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 100 m	-	No	44,670,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 25 l/sec Head 40 m	-	Unit	16,750,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 15 l/sec Head 30 m	1	Unit	10,000,000	10,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 80 KVA	-	Unit	54,000,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 150 m3	-	No	49,825,881	-
3.	Elevatied Tank	Capacity 50 m3 Height 15 m	-	No	151,864,700	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				10,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	546	m	22,422	12,242,412
		PVC diameter 75 mm	453	m	15,796	7,155,588
		PVC diameter 50 mm	16	m	9,882	158,112
		PVC diameter 40 mm	1,710	m	7,908	13,522,680
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	13	m	33,942	441,246
		GSP diameter 50 mm	-	m	20,454	-
		GSP diameter 40 mm	20	m	14,499	289,980
		TOTAL COST OF PIPING				33,810,018
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		1,345	No	270,000	363,150,000
4.	Others					11,611,551
5.	Internal Transportation Fee for Imported Materials					9,519,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					428,090,569

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 24
KABUPATEN : LUMAJANG
KECAMATAN : TEMPURSARI
I K K : TEMPURSARI PROVINCE : EAST JAVA SERVED POPULATION: 11,480

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 15 l/sec	-	No	29,500,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 60 m	1	Unit	8,500,000	8,500,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 30 m3	-	No	13,580,700	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 6.5 m3 W.P. 6 kg/cm2	-	No	17,517,500	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				8,500,000
III.	PIPE LAYING					
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	193	m	22,422	4,327,446
		PVC diameter 75 mm	407	m	15,796	6,428,972
		PVC diameter 50 mm	899	m	9,882	8,883,918
		PVC diameter 40 mm	474	m	7,908	3,748,392
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	8	m	20,454	163,632
		GSP diameter 40 mm	6	m	14,499	86,994
		TOTAL COST OF PIPING				23,639,354
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		918	No	270,000	247,860,000
4.	Others					8,479,581
5.	Internal Transportation Fee for Imported Materials					8,854,000
		TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)				297,332,935

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 25
KABUPATEN : PROBOLINGGO
KECAMATAN : BANYUANYAR
I K K : BANYUANYAR PROVINCE : EAST JAVA SERVED POPULATION: 16,330

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth 50 m	2	No	30,485,000	60,970,000
5.	Submersible Pump	Capacity 10 l/sec Head 40 m	2	Unit	9,500,000	19,000,000
6.	Main Distribution Pump (Submersible Pump)	Capacity 10 l/sec Head 40 m	1	Unit	9,250,000	9,250,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 160 m3	-	No	59,251,750	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 9 m3 W.P. 6 kg/cm2	-	No	24,255,000	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					89,220,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	105	m	22,422	2,354,310
		PVC diameter 75 mm	572	m	15,796	9,035,312
		PVC diameter 50 mm	301	m	9,882	2,974,482
		PVC diameter 40 mm	1,621	m	7,908	12,818,868
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	6	m	20,454	122,724
		GSP diameter 40 mm	6	m	14,499	86,994
		TOTAL COST OF PIPING				27,392,690
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		1,306	No	270,000	352,620,000
4.	Others					12,361,881
5.	Internal Transportation Fee for Imported Materials					9,671,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					491,265,571

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 26
KABUPATEN : PROBOLINGGO
KECAMATAN : SUMBERASIH
I K K : SUMBERASIH PROVINCE : EAST JAVA SERVED POPULATION: 9,860

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 80 m	-	No	33,910,000	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 40 m	-	Unit	11,000,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 30 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 KI	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 90 m3	-	No	30,939,000	-
3.	Elevatied Tank	Capacity 30 m3 Height 15 m	-	No	96,864,300	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				16,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	98,466	-
		PVC diameter 200 mm	-	m	66,862	-
		PVC diameter 150 mm	-	m	43,831	-
		PVC diameter 100 mm	-	m	22,422	-
		PVC diameter 75 mm	274	m	15,796	4,328,104
		PVC diameter 50 mm	725	m	9,882	7,164,450
		PVC diameter 40 mm	968	m	7,908	7,654,944
		GSP diameter 250 mm	-	m	211,228	-
		GSP diameter 200 mm	-	m	150,504	-
		GSP diameter 150 mm	-	m	114,539	-
		GSP diameter 100 mm	-	m	72,609	-
		GSP diameter 75 mm	-	m	33,942	-
		GSP diameter 50 mm	11	m	20,454	224,994
		GSP diameter 40 mm	13	m	14,499	188,487
		TOTAL COST OF PIPING				19,560,979
2.	Public Tap		-	No	2,400,000	-
3.	House Connection		789	No	270,000	213,030,000
4.	Others					8,322,279
5.	Internal Transportation Fee for Imported Materials					8,313,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					265,226,258

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 27
KABUPATEN : GIANYAR
KECAMATAN : TAMPAKSIRING
I K K : TAMPAKSIRING PROVINCE : BALI SERVED POPULATION: 8,730

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 10 l/sec	-	No	19,500,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 40 m	1	Unit	8,000,000	8,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 40 KVA	-	Unit	33,000,000	-
10.	Fuel Tank	Capacity 2 KI	-	No	2,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 20 m3	-	No	13,357,000	-
3.	Elevatied Tank	Capacity 20 m3 Height 11.5 m	-	No	71,757,630	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				8,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	-	m	68,533	-
		PVC diameter 150 mm	-	m	44,927	-
		PVC diameter 100 mm	-	m	23,003	-
		PVC diameter 75 mm	-	m	16,191	-
		PVC diameter 50 mm	-	m	10,129	-
		PVC diameter 40 mm	3,109	m	8,106	25,201,554
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	-	m	154,266	-
		GSP diameter 150 mm	-	m	117,402	-
		GSP diameter 100 mm	-	m	74,424	-
		GSP diameter 75 mm	-	m	34,790	-
		GSP diameter 50 mm	-	m	18,864	-
		GSP diameter 40 mm	27	m	14,861	401,247
		TOTAL COST OF PIPING				25,602,801
2.	Public Tap		-	No	2,450,000	-
3.	House Connection		611	No	288,000	175,968,000
4.	Others					7,427,604
5.	Internal Transportation Fee for Imported Materials					11,124,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					228,122,405

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 28
KABUPATEN : GIANYAR
KECAMATAN : SUKAWATI
I K K : KETEWEL PROVINCE : BALI SERVED POPULATION: 9,250

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - l/sec	-	No	-	-
3.	Deep Well	Depth 80 m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity 15 l/sec Head 40 m	-	Unit	11,000,000	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 40 m	2	Unit	8,000,000	16,000,000
7.	Booster Pump	Capacity - l/sec Head - m	-	Unit	-	-
8.	Pump Pit	Capacity - m3	-	Unit	-	-
9.	Emergency Genset	Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 3 Kl	-	No	3,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity - m3	-	No	-	-
2.	Service Reservoir	Capacity 90 m3	-	No	36,289,179	-
3.	Elevatied Tank	Capacity 30 m3 Height 10.5 m	-	No	91,863,200	-
4.	Hydrophcre	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				16,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	-	m	68,533	-
		PVC diameter 150 mm	-	m	44,927	-
		PVC diameter 100 mm	-	m	23,003	-
		PVC diameter 75 mm	-	m	16,191	-
		PVC diameter 50 mm	-	m	10,129	-
		PVC diameter 40 mm	2,350	m	8,106	19,049,100
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	-	m	154,266	-
		GSP diameter 150 mm	-	m	117,402	-
		GSP diameter 100 mm	-	m	74,424	-
		GSP diameter 75 mm	-	m	34,790	-
		GSP diameter 50 mm	-	m	18,864	-
		GSP diameter 40 mm	25	m	14,861	371,525
			TOTAL	COST	OF PIPING	19,420,625
2.	Public Tap		-	No	2,450,000	-
3.	House Connection		740	No	288,000	213,120,000
4.	Others					8,319,419
5.	Internal Transportation Fee for Imported Materials					16,800,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					273,660,044

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 29
KABUPATEN : KARANGASEM
KECAMATAN : RENDANG
I K K : MENANGA PROVINCE : BALI SERVED POPULATION: 5,760

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I.	FACILITIES					
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 10 l/sec	-	No	19,500,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	1	Unit	9,000,000	9,000,000
7.	Booster Pump	Capacity 5 l/sec Head 60 m	-	Unit	8,500,000	-
		Capacity 5 l/sec Head 80 m	-	Unit	9,000,000	-
		Capacity 5 l/sec Head 60 m	-	Unit	8,500,000	-
		Capacity 5 l/sec Head 80 m	-	Unit	9,000,000	-
8.	Pump Pit	Capacity 1.5 m3	-	Unit	7,250,000	-
		Capacity 3 m3	-	Unit	12,200,000	-
9.	Emergency Genset	Capacity 20 KVA	-	Unit	11,250,000	-
		Capacity 40 KVA	-	Unit	33,000,000	-
		Capacity 60 KVA	-	Unit	47,250,000	-
10.	Fuel Tank	Capacity 1 Kl	-	No	1,500,000	-
		Capacity 2 Kl	-	No	2,500,000	-
		Capacity 3 Kl	-	No	3,500,000	-
11.	Powerstation from PLN	Capacity 10 m3	-	No	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II.	CIVIL WORK					
1.	Break Pressure Tank	Capacity 1.5 m3	-	No	8,500,000	-
2.	Service Reservoir	Capacity 20 m3	-	No	13,357,000	-
3.	Elevatied Tank	Capacity - m3 Height - m	-	No	-	-
4.	Hydrophore	Capacity 5 m3 W.P. 8 kg/cm2	-	No	13,475,000	-
		Capacity 3 m3 W.P. 8 kg/cm2	-	No	6,612,500	-
		Capacity 2 m3 W.P. 8 kg/cm2	-	No	4,887,500	-
		Capacity 3 m3 W.P. 6 kg/cm2	-	No	6,612,500	-
		Capacity 2 m3 W.P. 6 kg/cm2	-	No	4,887,500	-
	TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					9,000,000

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 29
KABUPATEN : KARANGASEM
KECAMATAN : RENDANG
I K K : MENANGA PROVINCE : BALI SERVED POPULATION: 5,760

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	-	m	68,533	-
		PVC diameter 150 mm	-	m	44,927	-
		PVC diameter 100 mm	-	m	23,003	-
		PVC diameter 75 mm	-	m	16,191	-
		PVC diameter 50 mm	209	m	10,129	2,116,961
		PVC diameter 40 mm	2,236	m	8,106	18,125,016
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	-	m	154,266	-
		GSP diameter 150 mm	-	m	117,402	-
		GSP diameter 100 mm	-	m	74,424	-
		GSP diameter 75 mm	-	m	34,790	-
		GSP diameter 50 mm	-	m	18,864	-
		GSP diameter 40 mm	23	m	14,861	341,803
			TOTAL	COST	OF PIPING	20,583,780
2.	Public Tap		-	No	2,450,000	-
3.	House Connection		461	No	288,000	132,768,000
4.	Others					6,694,033
5.	Internal Transportation Fee for Imported Materials					61,759,000
TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)						230,804,813

MANAGEMENT PLAN (DETAILED DIRECT COST OF 30 IKKs) (FINAL STAGE)

NAME CODE : 30
KABUPATEN : KARANGASEM
KECAMATAN : BEBANDAN
I K K : SIBETAN PROVINCE : BALI SERVED POPULATION: 9,710

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity 12 l/sec	-	No	7,800,000	-
3.	Deep Well	Depth - m	-	No	-	-
4.	Shallow Well	Depth - m	-	No	-	-
5.	Submersible Pump	Capacity - l/sec Head - m	-	Unit	-	-
6.	Main Distribution Pump (Submersible Pump)	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
7.	Booster Pump	Capacity 5 l/sec Head 80 m	2	Unit	9,000,000	18,000,000
8.	Pump Pit	Capacity 9 m3	-	Unit	25,500,000	-
9.	Emergency Genset	Capacity 100 KVA	-	Unit	67,250,000	-
10.	Fuel Tank	Capacity 4 Kl	-	No	4,500,000	-
11.	Power Station from PLN	Capacity - KVA	-	LS	-	-
12.	Chlorination	Capacity 2.7 l/hr	-	Unit	2,460,000	-
II. CIVIL WORK						
1.	Break Pressure Tank	Capacity 9 m3	-	No	22,000,000	-
		Capacity 3 m3	-	No	9,500,000	-
2.	Service Reservoir	Capacity 90 m3	-	No	36,289,179	-
3.	Elevatied Tank	Capacity 30 m3 Height 11 m	-	No	93,700,400	-
4.	Hydrophore	Capacity - m3 W.P. - kg/cm2	-	No	-	-
		TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)				36,000,000
III. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	m	100,927	-
		PVC diameter 200 mm	-	m	68,533	-
		PVC diameter 150 mm	-	m	44,927	-
		PVC diameter 100 mm	-	m	23,003	-
		PVC diameter 75 mm	-	m	16,191	-
		PVC diameter 50 mm	1,000	m	10,129	10,129,000
		PVC diameter 40 mm	1,485	m	8,106	12,037,410
		GSP diameter 250 mm	-	m	216,509	-
		GSP diameter 200 mm	-	m	154,266	-
		GSP diameter 150 mm	-	m	117,402	-
		GSP diameter 100 mm	-	m	74,424	-
		GSP diameter 75 mm	-	m	34,790	-
		GSP diameter 50 mm	11	m	18,864	207,504
		GSP diameter 40 mm	25	m	14,861	371,525
		TOTAL COST OF PIPING				22,745,439
2.	Public Tap		-	No	2,450,000	-
3.	House Connection		777	No	288,000	223,776,000
4.	Others					10,879,003
5.	Internal Transportation Fee for Imported Materials					28,260,000
	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III)					321,660,442