# SUPPORTING REPORT D

# PLAN OF WATER SUPPLY FACILITIES FOR 30 IKKs

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# SUPPORTING REPORT D PLAN OF WATER SUPPLY FACILITIES FOR 30 IKKS

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# 1. DESIGN CONDITIONS

Refer to Chapter 6 in Main Report.

#### 2. DESIGN METHODOLOGY

#### .c2.2.1 System Design

Design methodology of water supply systems is as follows.

- Water supply systems should be designed as economical as possible from the view point of both construction cost and maintenance cost.
- (2) In case that reservoir can not be installed on the ground having the elevation enough to distribute water to the consumers, elevated tank for pressure adjustment should be installed.
- (3) If the required hight of elevated tank would be more than 15 m from the ground level, a hydrophore (pressure tank) will be installed instead of a elevated tank.

Therefore the hight of elevated tank should be less than 15 m.

(4) The water pressure inside the pipe should be kept less than 80 m, therefore in case that more than 80 m of water pressure would be required, break pressure tank should be installed to reduce the pressure inside the pipeline. And in case that more than 80 m head of water supply pump would be required, booster pump would be provided to keep the head of pump less than 80 m.

#### 2.2 Design Methodology of The Facilities

(1) Module Systems

D - 1

Considering the Standardization of design, manufacturing, installation and maintenance, modular systems of the following facilities have been adopted based on the comments from Cipta Karya.

1) Water Supply Capacities per Population Ranges

According to the population ranges calculated for year 2,000, water supply capacities have been proposed as shown in Table D.1.

Module Sizes	Population Ranges							
(l/sec)								
10	4,900 - 8,800							
15	9,200 - 11,500							
20	14,100 - 16,400							
25	17,800 - 20,400							

 Table D.1
 Water Supply Capacities per Population

### 2) Reservoir and Elevated Tank

Reservoir and elevated tank having a total capacity of 2 hours retention time are proposed as shown in Table D.2.

The hight of elevated tank would be kept less than 15 m.

Туре	I	II					
System Capacity	Reservoir Only	Reservoir + I	Elevated Tank				
(1/sec)	(M3)	(N	43)				
		Reservoir	Elevated				
			Tank				
10	80	60	20				
15	120	90	30				
20	160	120	40				
25	200	150	50				

# Table D.2 Capacity of Reservoir and Elevated Tank

## 3) Hydrophore

In case that the hight of elevated tank would be more than 15 m, hydrophore instead of elevated tank would be proposed to be standardized as shown in Table D.3.

Table D.3 Standard Size of Hydrophore

System Capacity (l/sec)	Volume of Hydrophore (1)
10	5,000
15	6,500
20	9,000
25	9,000
For small supply in branch pipes	
2.5	2,000
5	3,000

4) Pumps

Pumps for wells and Transmission/Distribution are proposed as shown in Table D.4 and Table D.5.

And motors for pumps are proposed as shown in Table D.6 and Table D.7 respectively.

System Capacity	No, of Well	Pumps Capacity and Combination
(1/sec)	Required	(l/sec)
10	1	10.0
	2	5.0 + 5.0
15	1	15.0
	2	10.0 + 10.0
20	1	20.0
	2	10.0 + 10.0
	3	10.0 + 10.0 + 10.0
	4	5.0 + 5.0 + 5.0 + 5.0
25	1	25.0
	2	15.0 + 15.0
	3	10.0 + 10.0 + 10.0

# Table D.4Well Pump Capacity and Combination

System Capacity	Pump Capacity and Combination (1/sec)							
(1/sec)	On Duty	Standby						
10	5.0 + 5.0	5.0						
15	5.0 + 5.0 + 5.0	5.0						
20	10.0 + 10.0	10.0						
25	15.0 + 15.0	15.0						
For small booster								
pump								
2.5	2.5	2.5						
5.0	5.0	5.0						

# Table D.5 Transmission/Distribution Pumps

 Table D.6
 Motor Selection for Well Pumps

				(KW)						
Pump Capacity	Head (m)									
(1/sec)	30	40	60	80						
5.0	3.7	3.7	5.5	7.5						
10.0	5.5	5.5	11.0	15.0						
15.0	7.5	11.0	15.0	18.5						
20.0	11.0	15.0	18.5	30.0						
25.0	15.0	18.5	30.0	37.0						

		ay in succession of the Delevation in the International Contractor of the Delevation of the Delevation of the D		(KW)
Pump Capacity		Head	d (m)	- -
(l/sec)	30	40	60	80
2.5	2.2	3.7	5.5	5.5
5.0	3.7	5.5	7.5	11.0
10.0	5.5	7.5	11.0	15.0
15.0	7.5	11.0	15.0	22.0
	1	1		

#### Table D.7 Motor Selection for Transmission/Distribution Pumps

5) Electrical Power Supply

- (i) Standard generator sets will be 20 KVA, 40 KVA, 60 KVA, 80 KVA and 100 KVA.
- (ii) As for power supply from PLN, JICA Team made Questionnaire to PLN for each project site. The answers to the questionnaire were that before 1993 there would be no power supply in each project site.
  Therefore, it was decided after consulting with Cipta Karya that two (2) kinds of generator sets would be installed in each site, that is one for duty and one for stand-by.

#### (2) Pipeline

#### 1) Materials

For water Supply pipeline, the following 2 (two) kinds of pipes will be used.

7.

- (i) Polyvinyl chloride pipe (PVCP) for under ground pipeline.
- (ii) Galvanized steel pipe (GSP) for above ground pipelines.

2) Design

- (i) Hazen-Williams formula will be used for the design.And roughness factor for PVCP and GSP (C) will be 140.
- (ii) Water pressure inside the pipes will be less than 80 m.
- (iii) Minimum residual pressure at the end of pipeline (at the tap) will be more than 5 m.

#### 3) Accessories

Accessories and Fittings for pipeline such as air valves, gate valves, etc. will be installed at the required points.

#### 3. WATER SUPPLY FACILITIES FOR 30 IKKS

Water Supply Facilities required for 30 IKKs have been designed based on the detailed field surveys, study on water sources, design conditions and design methodology.

#### 3.1 Required Water Supply Facilities

Required Water Supply Facilities for 30 IKKs are summarized in Table D.8.

In the Table, abbreviations of each item are as follows.

(1) Type of Water Supply

Refer to Fig. 6.1.2 in Main Report.

(2) Water Source

S: Spring, W: Well, E: from existing facilities

S - A
 Intake facilities required. Refer to Drw. No.1 in Fig. D.1.

1.

2) S-B

Water intake pipe only required from existing pond. Refer to Drw. No. 2 in Fig. D.1.

3) S-C

Water intake facilities already exist. Water intake pipe and pump pit are required. Refer to Drw. No. 3 in Fig. D.1. 4) W - A

Sallow well. Less than 40 m deep. Refer to Type 1 in Drw. No. 4 in Fig. D.1.

5) W-B

Deep well with casing pipe. More than 40 m deep. Refer to Type 1 in Drw. No. 4 in Fig. D.1.

6) W-C

Deep well without casing pipe. More than 40 m deep. Refer to Type 2 in Drw. No. 4 in Fig. D.1.

7) E

From existing facilities. In Batangan refer to Drw. No.5 in Fig. D.1.

(3)

Water Treatment Facility : T

In Madukara refer to Drw No. 6 in Fig. D.1 In Kemiri, Jepon refer to Drw No. 7 in Fig. D.1

#### (4) Reservoir

1) R-A

Upper ground type reservoir. Refer to Drw. No. 11 in Fig. D.1.

2) R-B

Upper ground type reservoir and elevated tank. Refer to Drw. No. 11 and No. 13 in Fig. D.1. (5) Pump

1) P - A

Well pump. Refer to Drw. No. 8 in Fig. D.1.

2) P - B

Main feed pump.

3) P - C

Booster pump. Refer to Drw. No. 15 in Fig. D.1.

4) P - D

Without pump. (by gravity)

(6) Hydrophore : H

Refer to Drw. No. 10 in Fig. D.1.

(7) Break Pressure Tank : BRefer to Drw. No. 12 in Fig. D.1.

(8) Chlorination : C

Refer to Drw. No. 14 in Fig. D.1.

(9) Generator : G

Refer to Drw. No. 9 in Fig. D.1.

Table D. 8 Required Water Supply Facilities for 30 IKKS

1. Name Code	1	2	3	4	5	6	. 7	8	9	10	11	12	13	14	15
2. Name of IKK	Bulakamba	Jeruklegi	Kemiri	Madukara	Punggelan	Karanggayam	Petanahan	Sukorejo	Jepon	Batangan	Gondang	Jenar	Giriwoyo	Bawen	Balen
3. Type of Water Supply	D – b	E – b	С	B – a	A – a	E — b	D – b	A – b	D – a	E – a	D — a	C	A – a	A – b	D — b
4. Module Size (ℓ /sec)	2 5	2 5	20	10	10	10	10	20	2 0	15	25	10	10	25	20
5. Water Source						. *									
S – A		-		0	0	1944 - L									
S – B								0							· · · · · · · · · · · · · · · · · · ·
S – C													0	0	
$\overline{W-A}$			0									0			
W – B	0						0				0	<u></u>			0
W – C									0						
E		0				0				* O					
6. Water Treatment Facility															
Т			Ο.	0					0	0		-	· ·		
7. Reservoir															
R - A		0	0		0	O		0	0		0	0	0	Ο	
R - B	0			0			0			0					0
															-
8. Pump						· · · ·									
P – A	0		0				0		0		0	0			0
Р — В	0	0	0	0	0	0	0			0		0	0		Ο.
P – C				0	0						0	0		0	
P – D								0							
9. Hydrophore															
Н		0	0		r -	0					0	O		0	
O. Break Pressure Tank															
В				0	0			0	0					0	
1. Chlorination															
С	0		0	0	0		0	0	0	0	0	0	0	0	0
2. Generator				ىرىغىرىغى بىلىغى بىلىكى بىل يەرىپىيە بىلىكى بىلىك يىلى بىلىكى بى											
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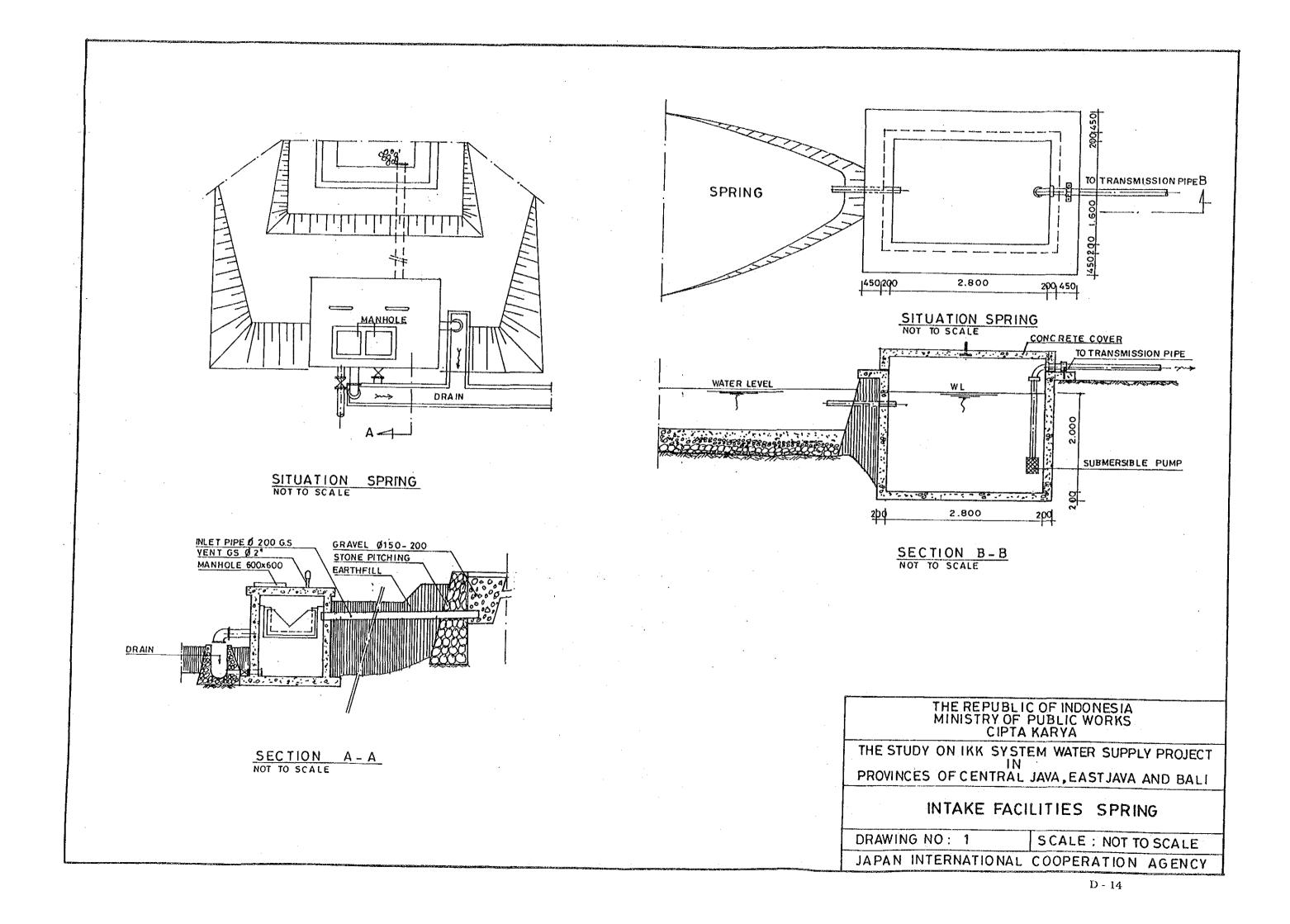
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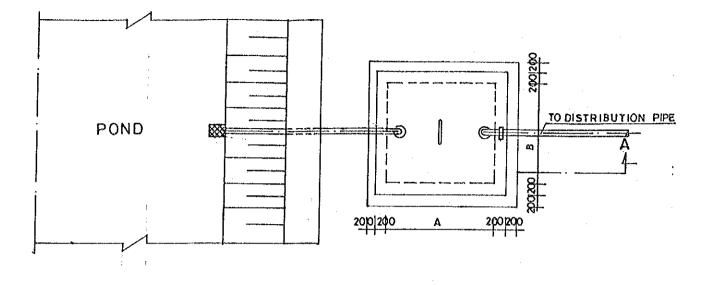
1. Name Code	16	17	18	19	20	21	22	23	24	25	26	2.7	28	29	30
2. Name of IKK	Baureno	Jenu	Jiwan	Kembangbahu	Diwek	Kutorejo	Tempeh	Kunir	Tempursari	Banyuanyar	Sumberasih	Tampak Siring	Ketewel	Menanga	Sibeta
3. Type of Water Supply	D – C	D – C	D – C	D – C	D – b	D – C	D – C	D – b	B - b	D – C	D – b	B – a	D — b	B – b	B – a
4. Module Size (ℓ/sec)	15	15	25	1.0	20	2 0	20	25	15	20	15	10	15	10	15
5. Water Source											279. V 46				
S – A															
S – B									0						
S – C								· · · · · · · · · · · · · · · · · · ·				0		0	0
W – A														· · · ·	
W – B	0		0	0	0	0	0	0		Ö	0		0		
W – C		0			}			· · ·			·		·		
E						·									
6. Water Treatment Facility			·						900 (1111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111) (111)				· · · · · · · · · · · · · · · · · · ·		
Т															
7. Reservoir				· · · · · · · · · · · · · · · · · · ·				·····							<u>.</u>
$\mathbf{R} - \mathbf{A}$	0	0	0	O .		0	0		0	0				0	
R – B					0			0		· · · ·	0	0	0		0
8. Pump															
P - A	0	0	0	0	0	0	0	0		0	0		0		
Р-В	0	,0	0	0	0	0	0	0	0	0	0	0	0	0	0
P – C					·				· · · · · · · · · · · · · · · · · · ·					0	0
P – D															
9. Hydrophore															
Н	0	0	0	0		0	0		0	0				0	
0. Break Pressure Tank		·													
В														Ó	0
1. Chlorination															
С	0	0	0	0	0	0	0	0	0	0	0	0	0	0	· 0
2. Generator															
G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

# Standard Drawing for Facilities

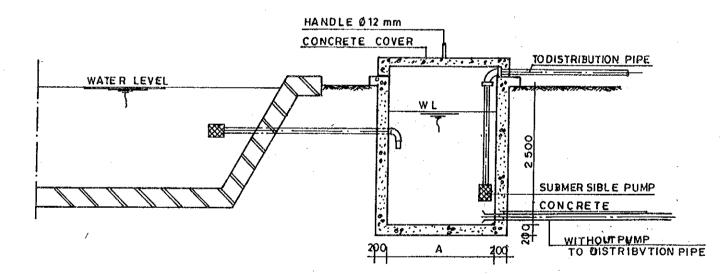
# Drawing List

Drawing No.	Name of Standard Drawing		
1	Intake facilities for spring		
2	Intake facilities for spring (pond)		
3	Intake facilities for spring (ditch)		
4	Typical production well		
5	Schematic lay-out of treatment plant		
6	Schematic flow of treatment fasilities for Lead		
7	Schematic flow of treatment facilities for Iron		
8	Typical deep well pump		
9	Power house		
10	Typical hydrophore		
11	Reservoir		
12	Break pressure tank		
13	Elevated tank		
14	Gravity chlorine dosing		
15	Booster pump pit		
16	Pipe bridge		
17	Typical washout		
18	Typical valve chamber		
19	Typical air valve chamber		
20	Typical house connection and public hydrant		
21	Typical pipe trench work		



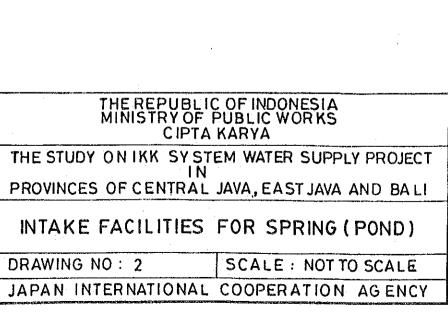


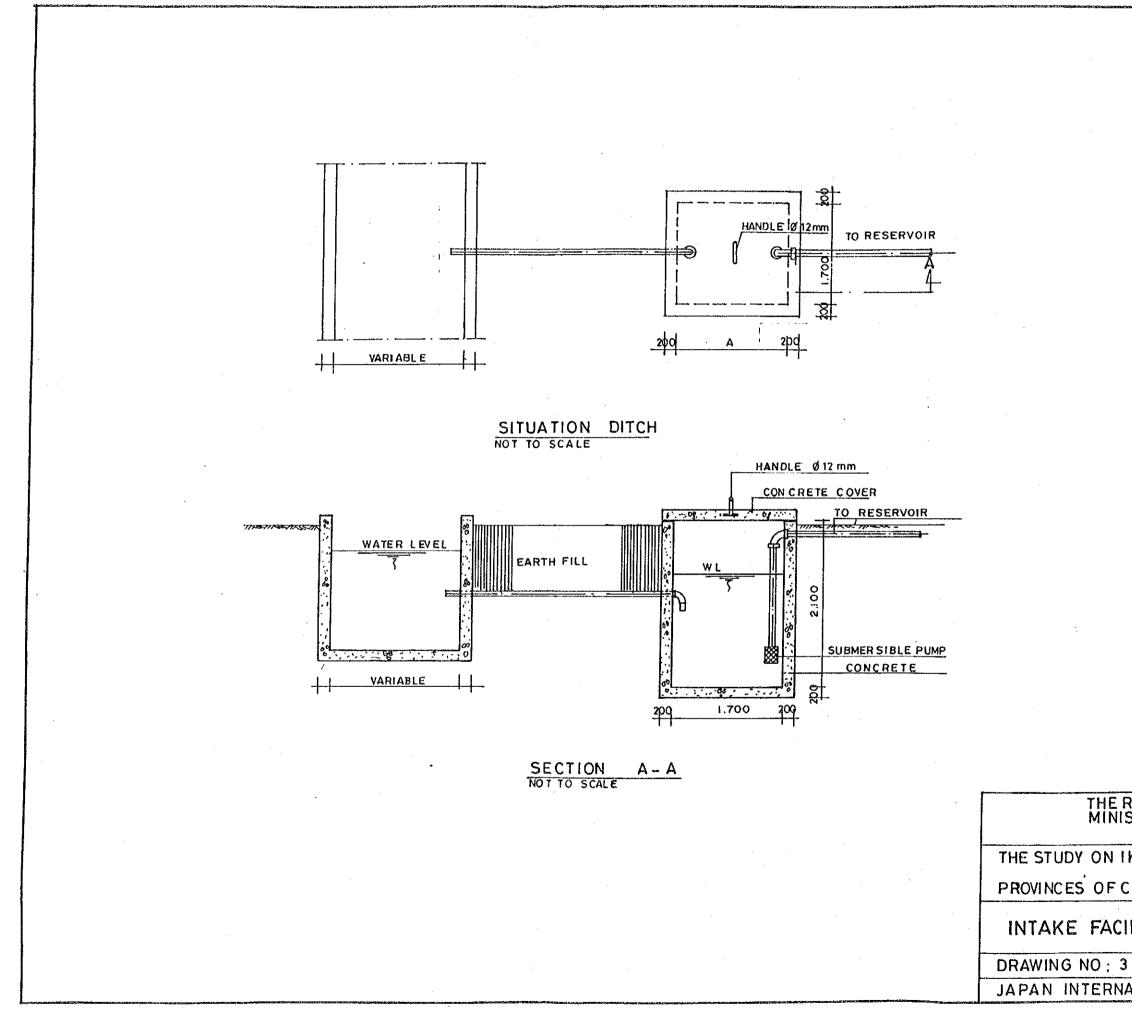
SITUATION POND



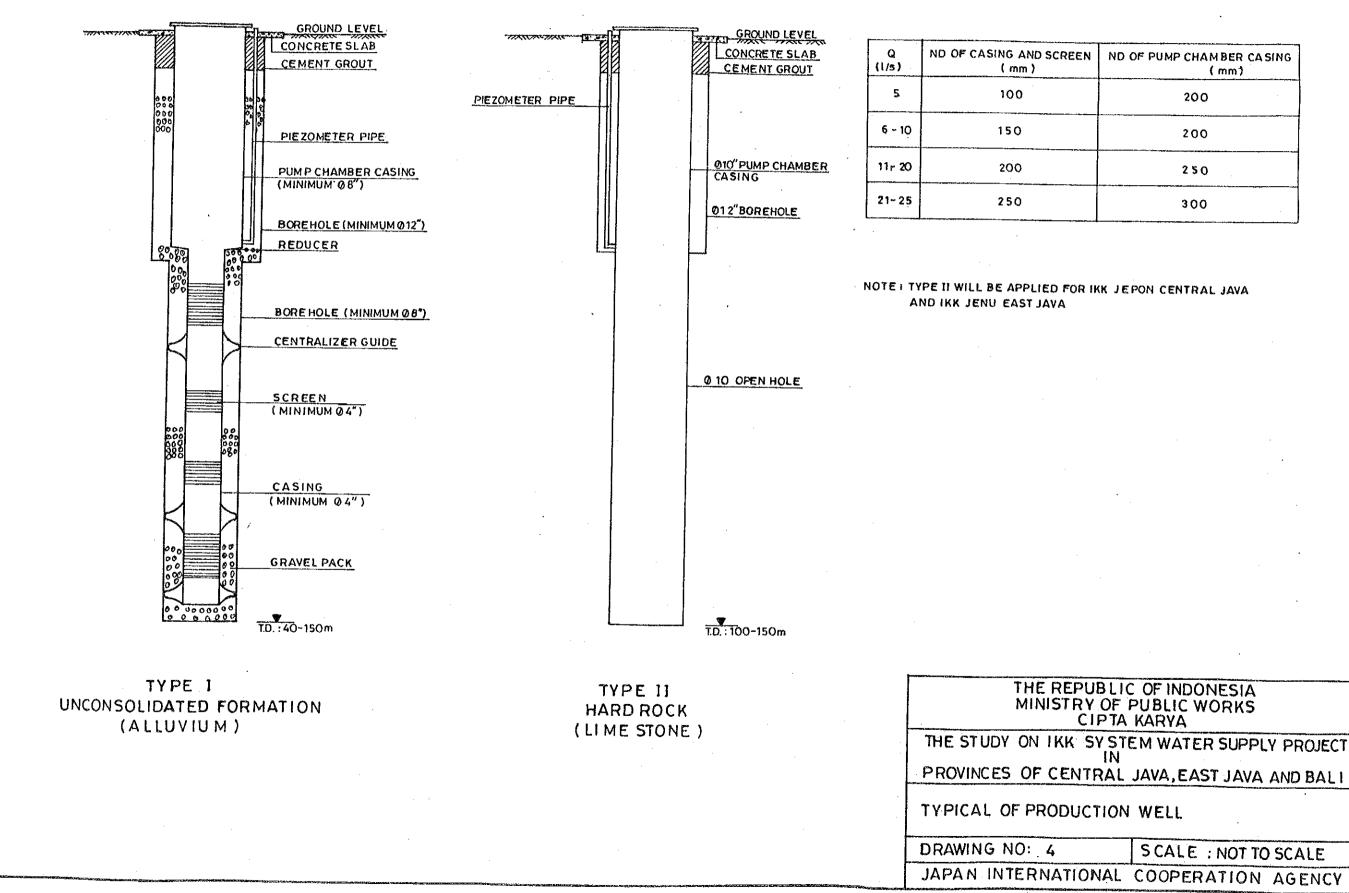
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DRAWING NO: 2





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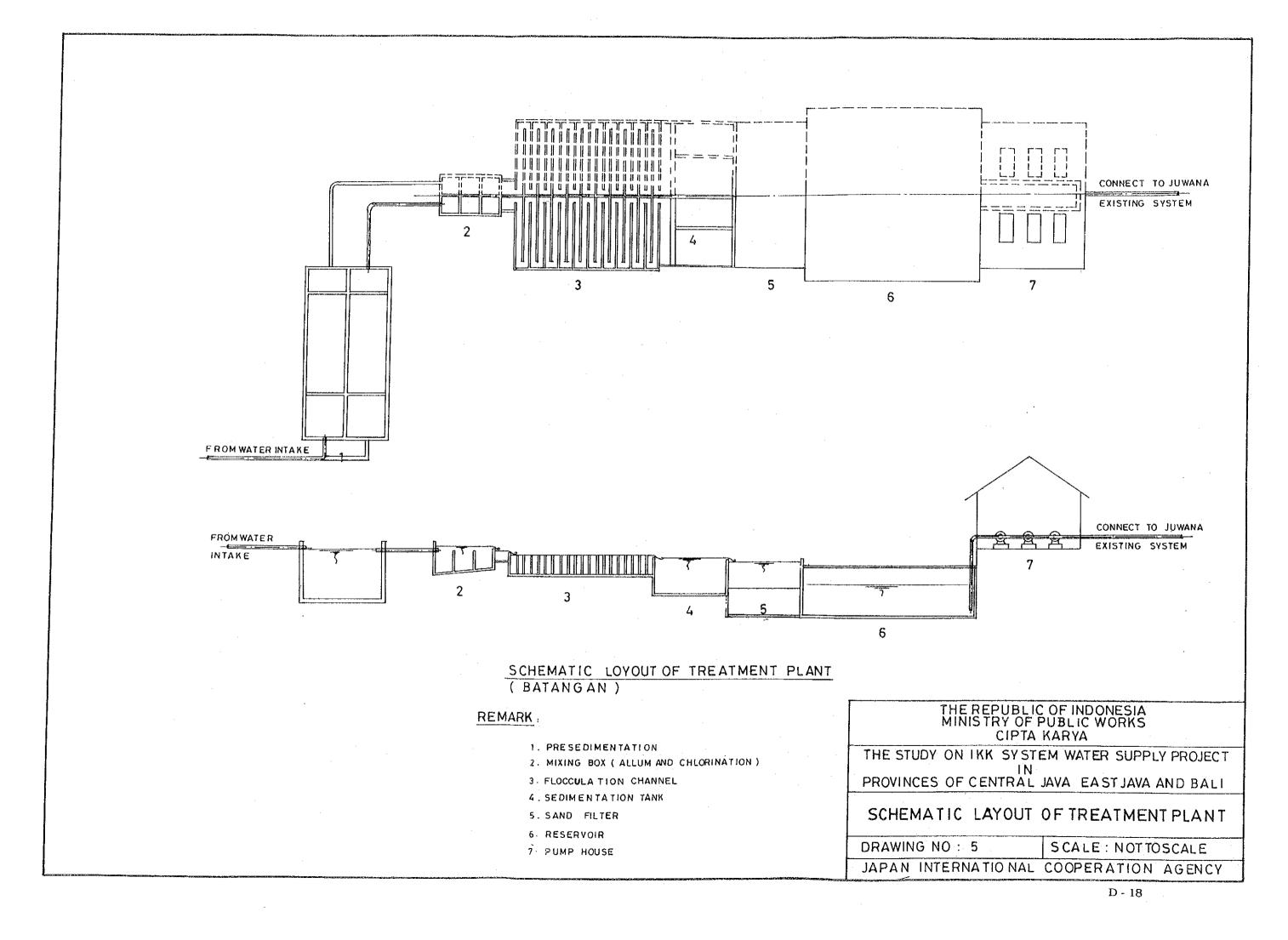
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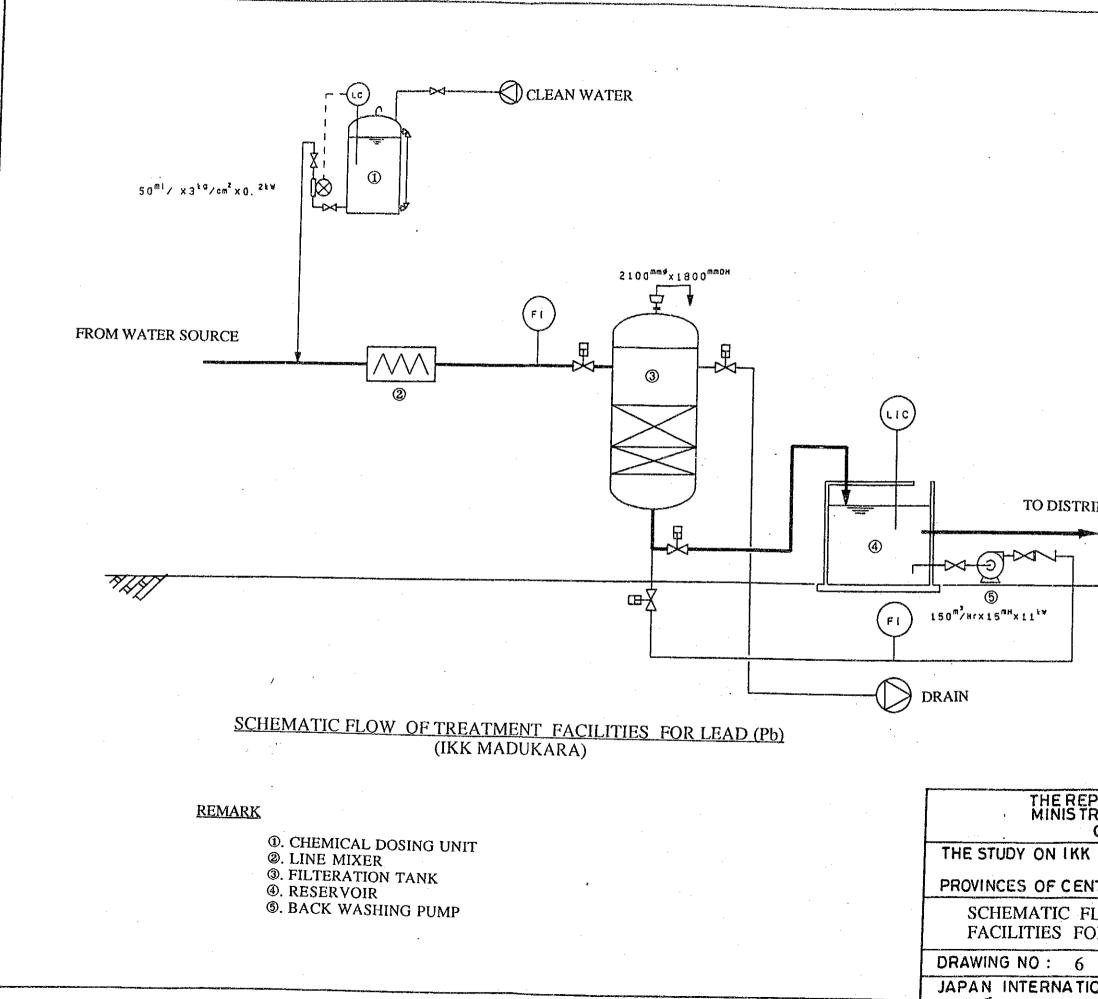
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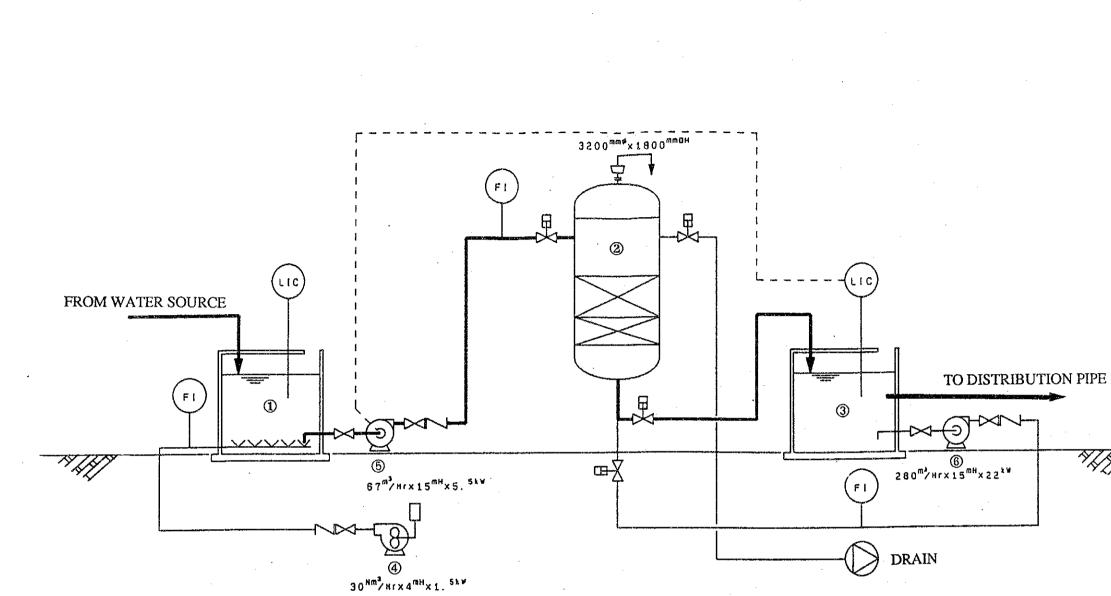
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	200
	250
	300

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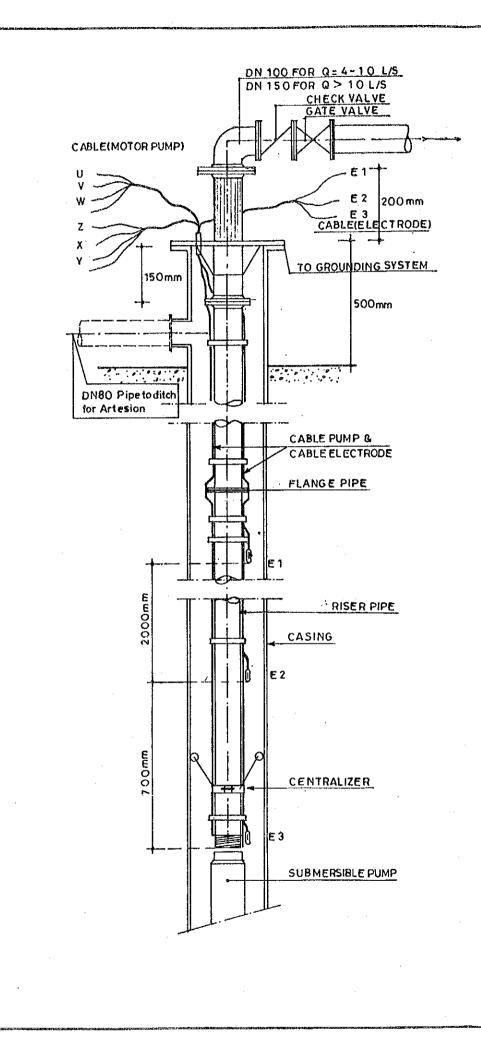
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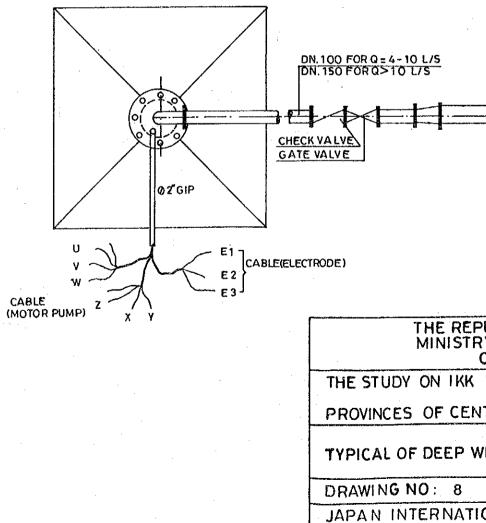
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CHEMATIC FLOW OF TREATMENT FACILITI (IKK KEMIRI, IKK JEPON)	ES FOR IRON (Fe)		· ·
<u>RK</u> ①. AERATION PIT ②. FILTERATION TANK ③. RESERVOIR		THE REPUBL MINIS TRY OF CIPTA	IC OF INDONESIA PUBLIC WORKS KARYA
©. BLOWER ©. PUMP ©. BACK WASHING PUMP		IN PROVINCES OF CENTRAL	JAVA EASTJAVA AND BALI
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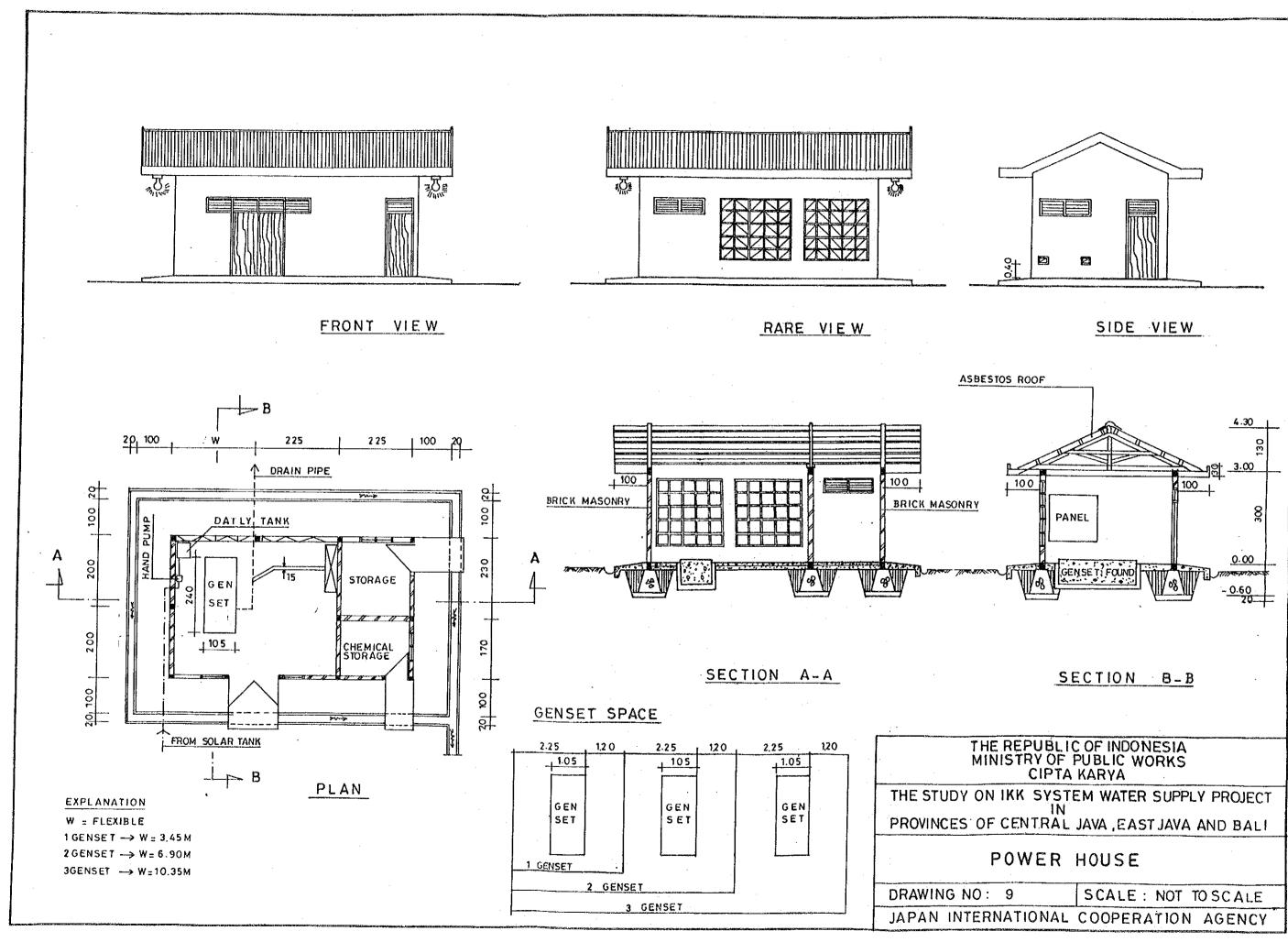
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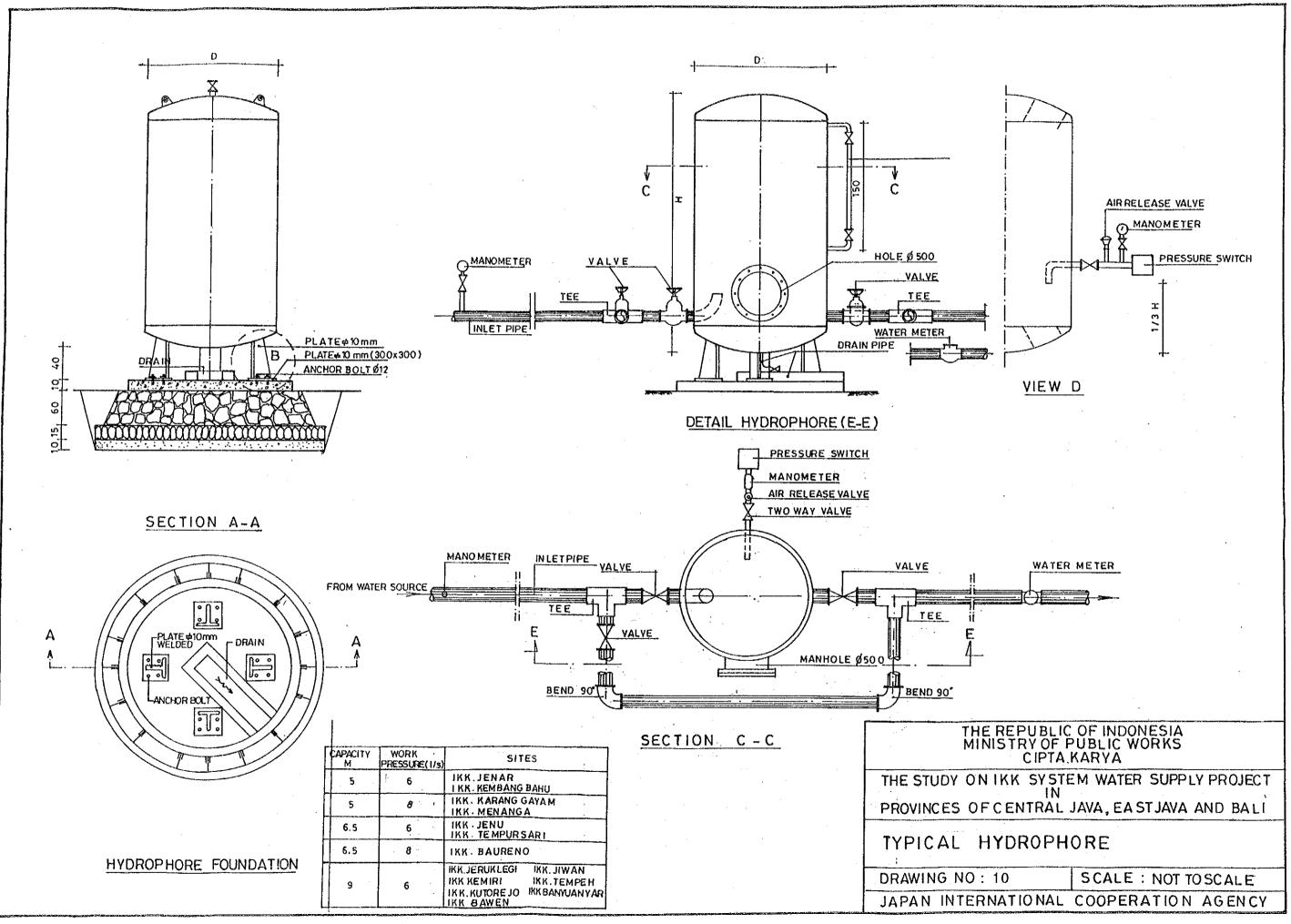
Q (l/s)	ND OF RISER PIPE (mm)	DMAX.OFPUMP (mm)
≼ 5	100	95
6 - 10	100	95-145
11 - 20	150	145-193
>20	150	> 193

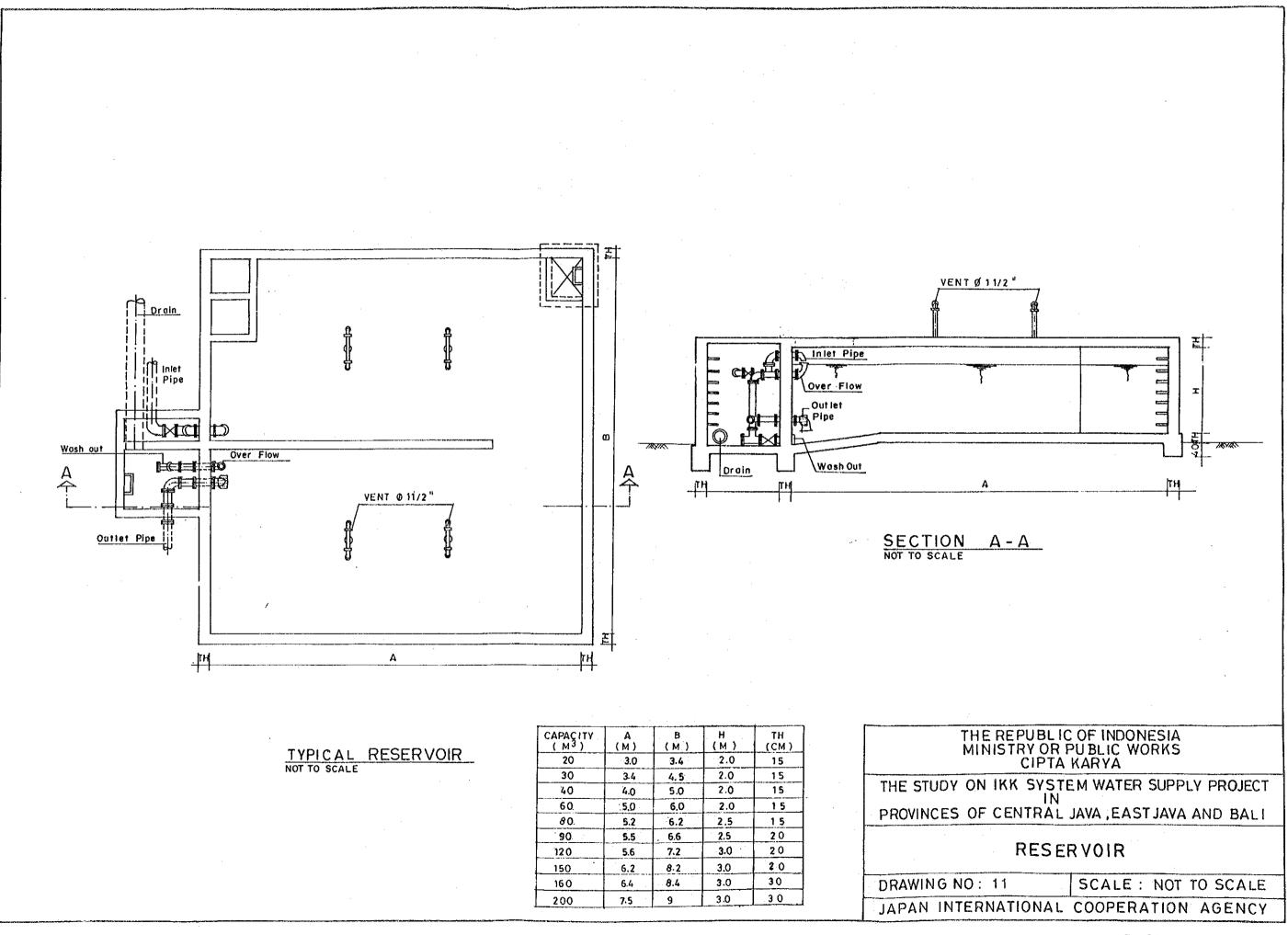


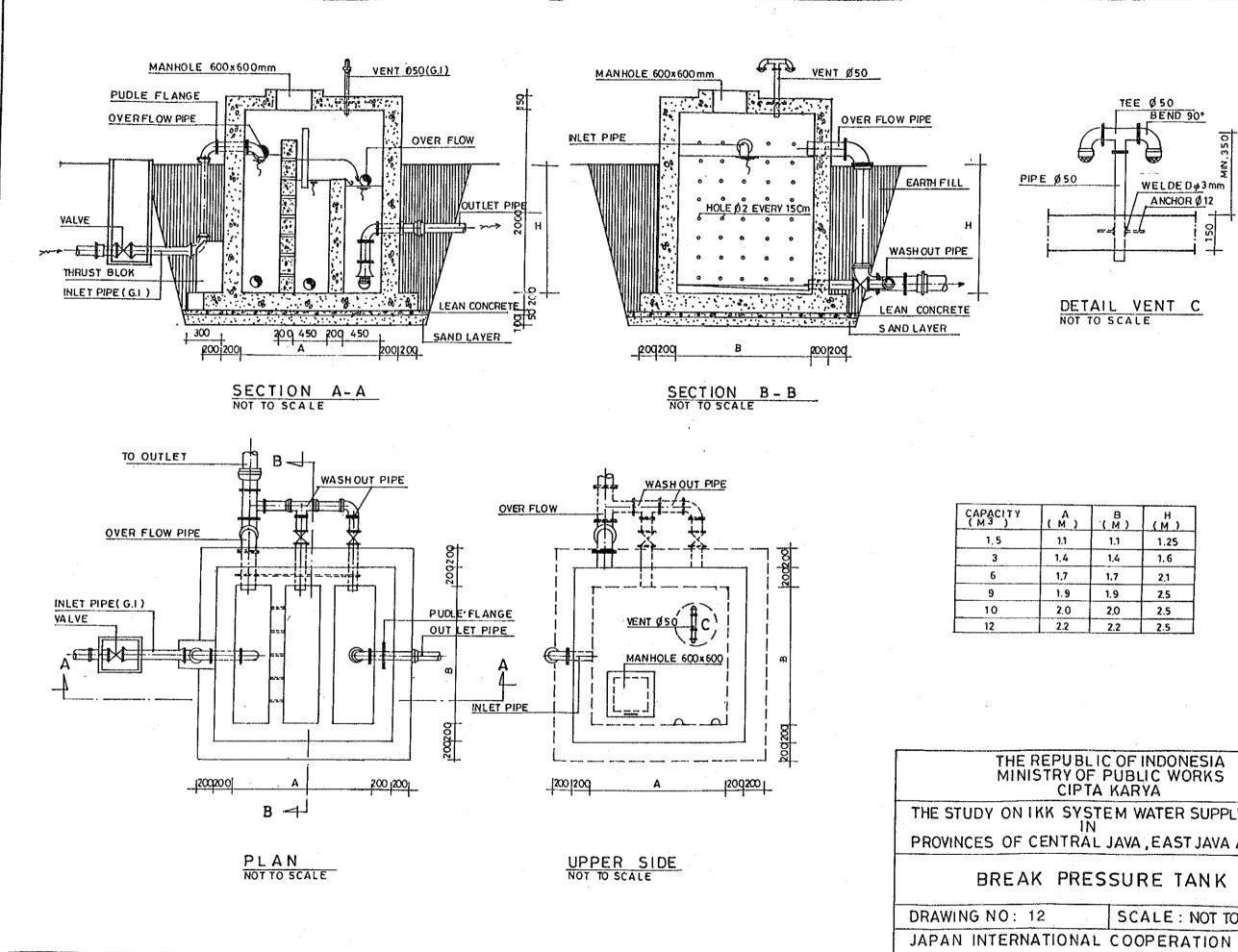
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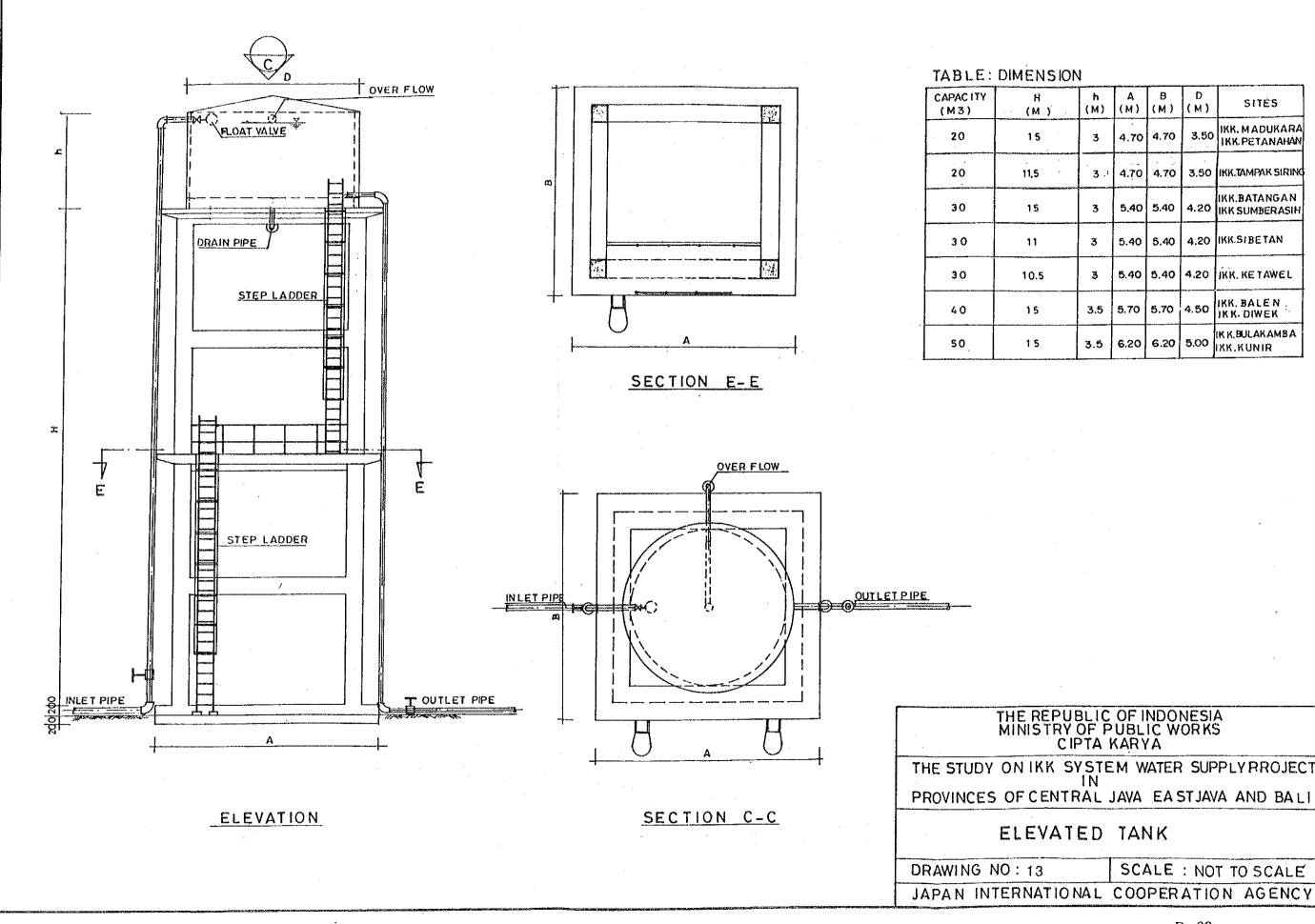






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	1,1	1.25
	1.4	1.6
	1.7	2,1
)	1.9	2.5
)	2.0	2.5
	2.2	2.5

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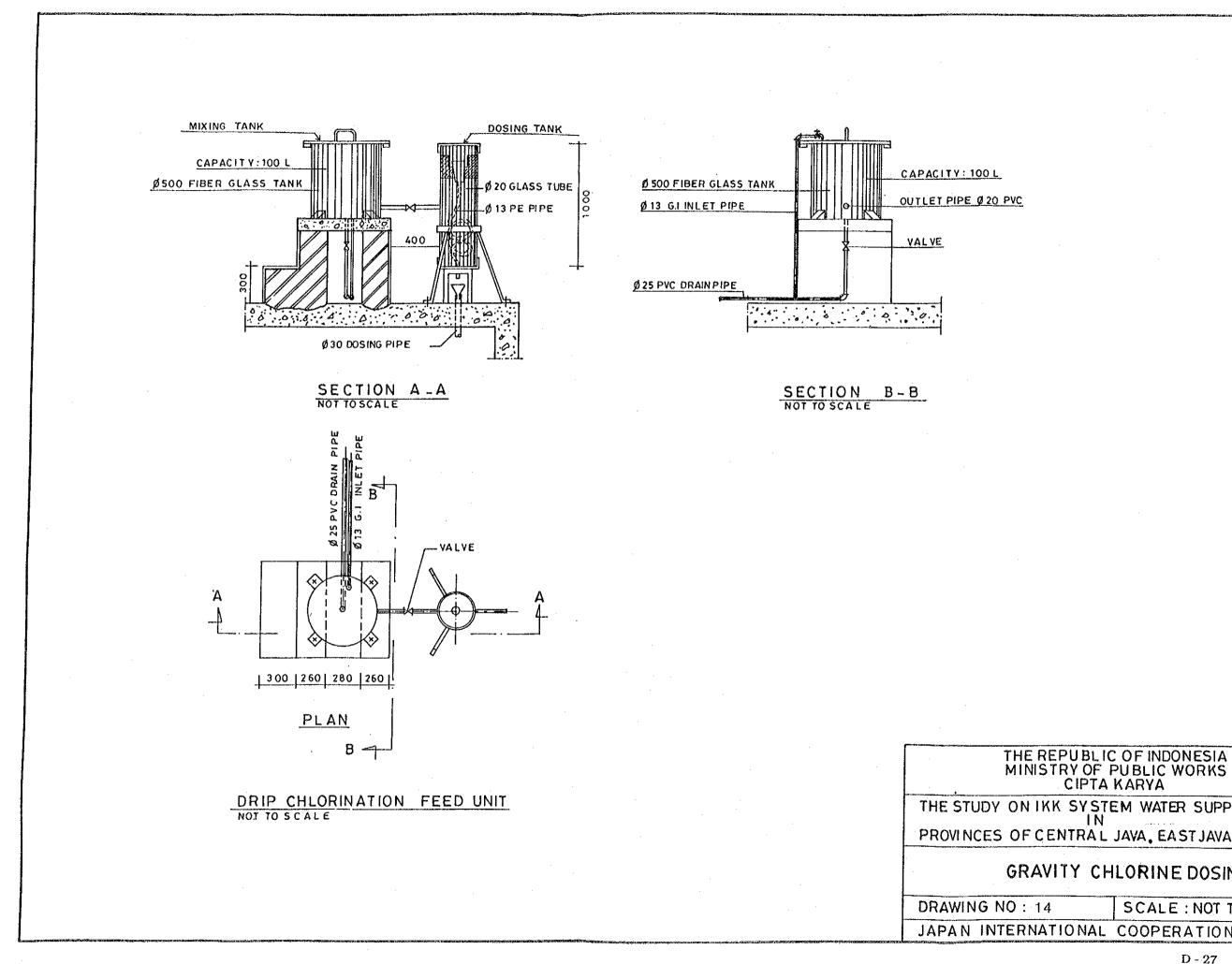
PROJECT

THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS CIPTA KARYA

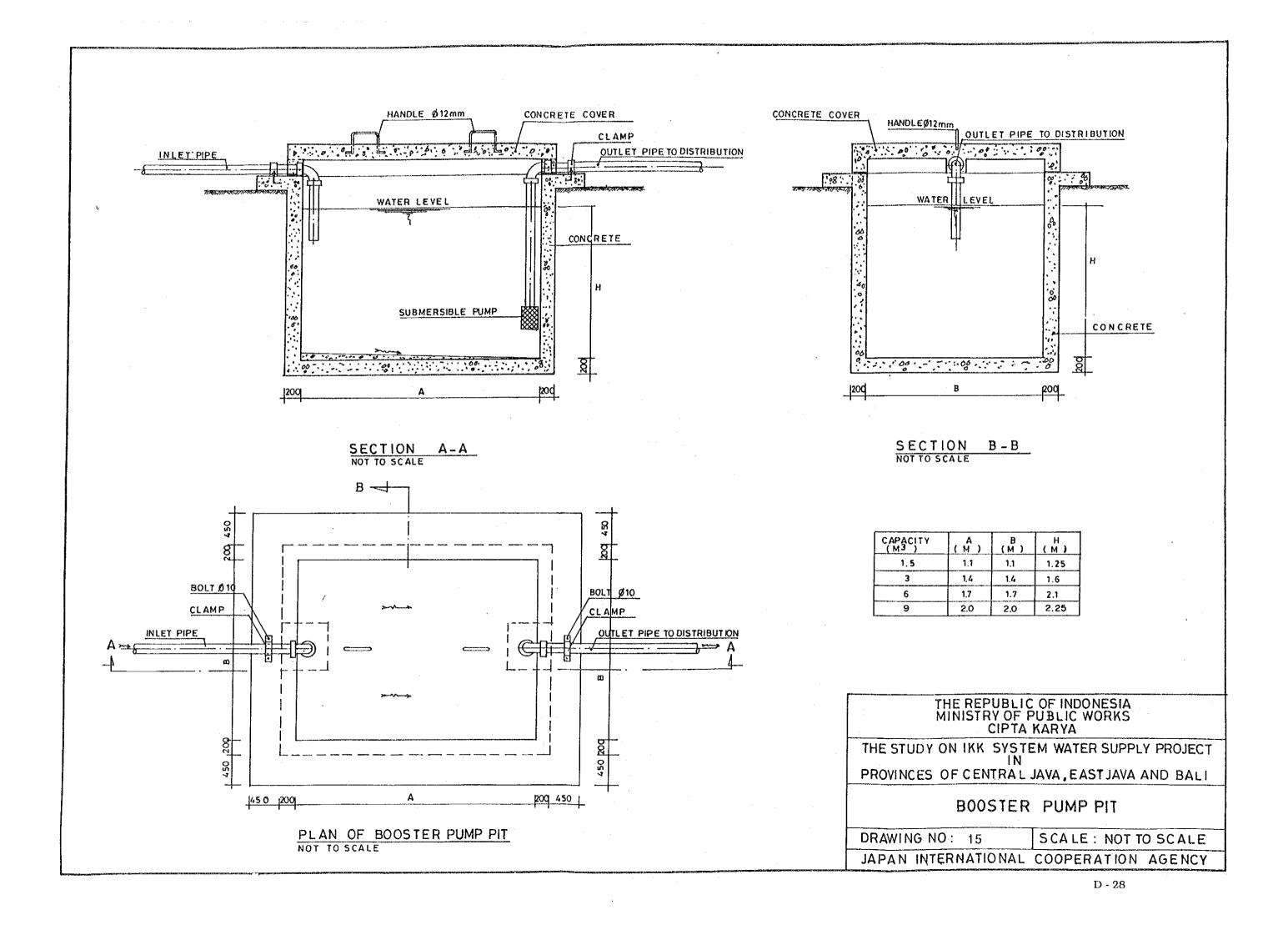
	3	5,40	5.40	4.20	IKK.BATANGAN IKK SUMBERASIH
	3	5.40	5.40	4.20	IKK.SIBETAN
	3	5.40	5,40	4.20	IKK. KETAWEL
	3.5	5.70	5.70	4.50	IKK. BALEN IKK. DIWEK
	3.5	6.20	6.20		IKK.BULAKAMBA IKK.KUNIR
6					

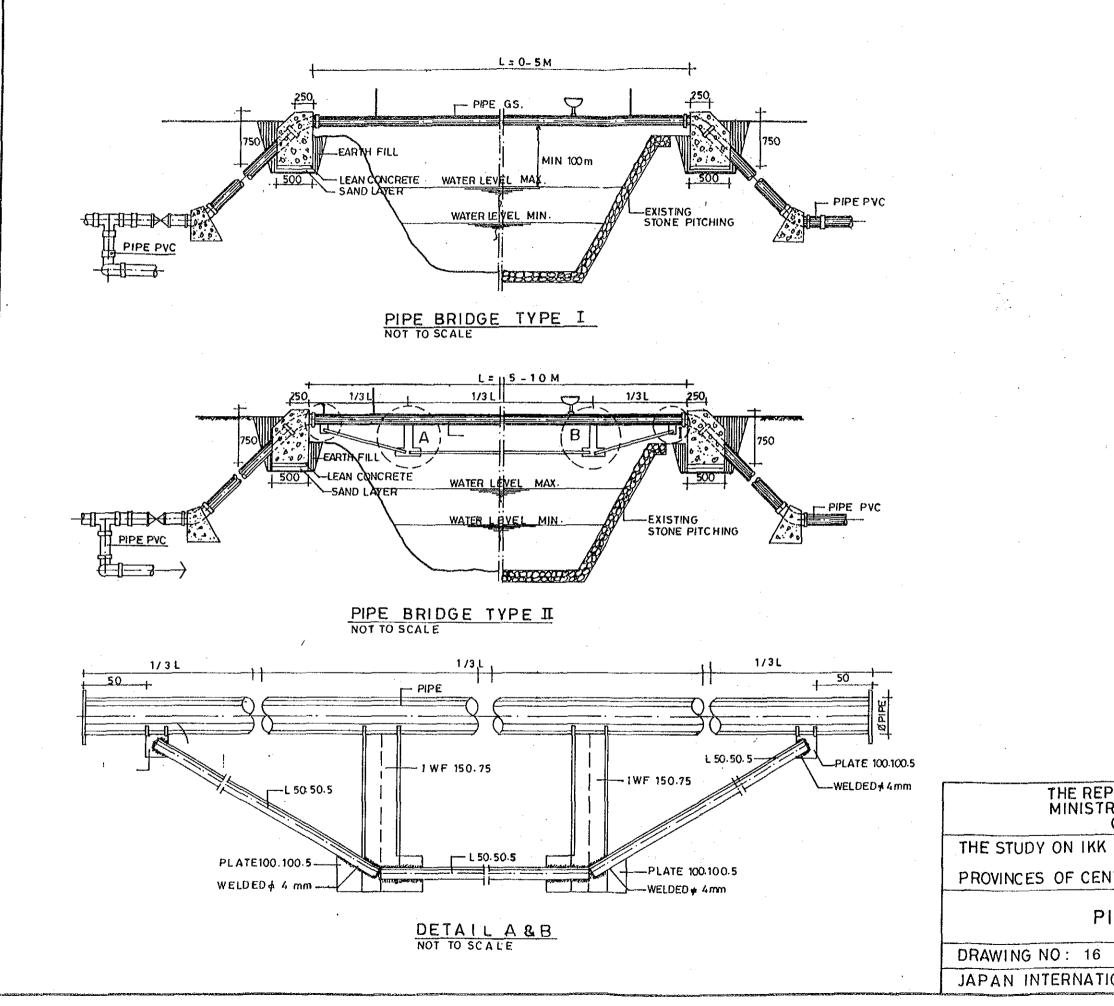
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ION	1				
	h (M)	A (M)	В (М)	D (м)	SITÉS
	3	4.70	4.70	3.50	IKK. MADUKARA IKK. PETANAHAN
	33	4.70	4.70	3.50	ikk.tampak siring
	3	5,40	5.40	4.20	IKK.BATANGAN IKK SUMBERASIH
	3	5.40	5.40	4.20	IKK.SIBETAN
	3	5.40	5,40	4.20	IKK. KETAWEL
	3.5	5.70	5.70	4.50	IKK. BALEN



I N	EM WATER SUPPLY PROJECT
ITRAL	JAVA, EAST JAVA AND BALI
ТҮ СН	LORINE DOSING
	SCALE : NOT TO SCALE
ONAL	COOPERATION AGENCY



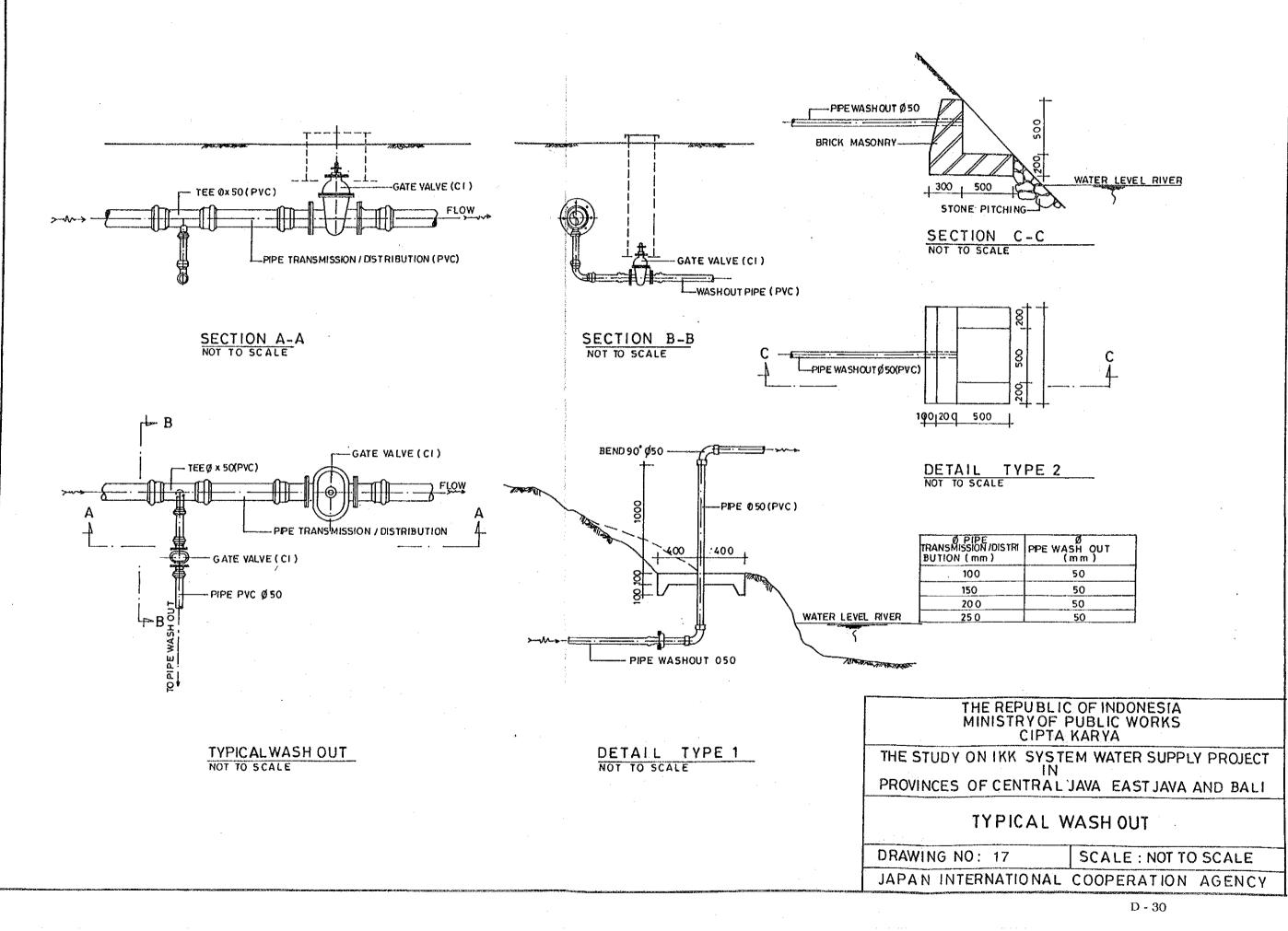


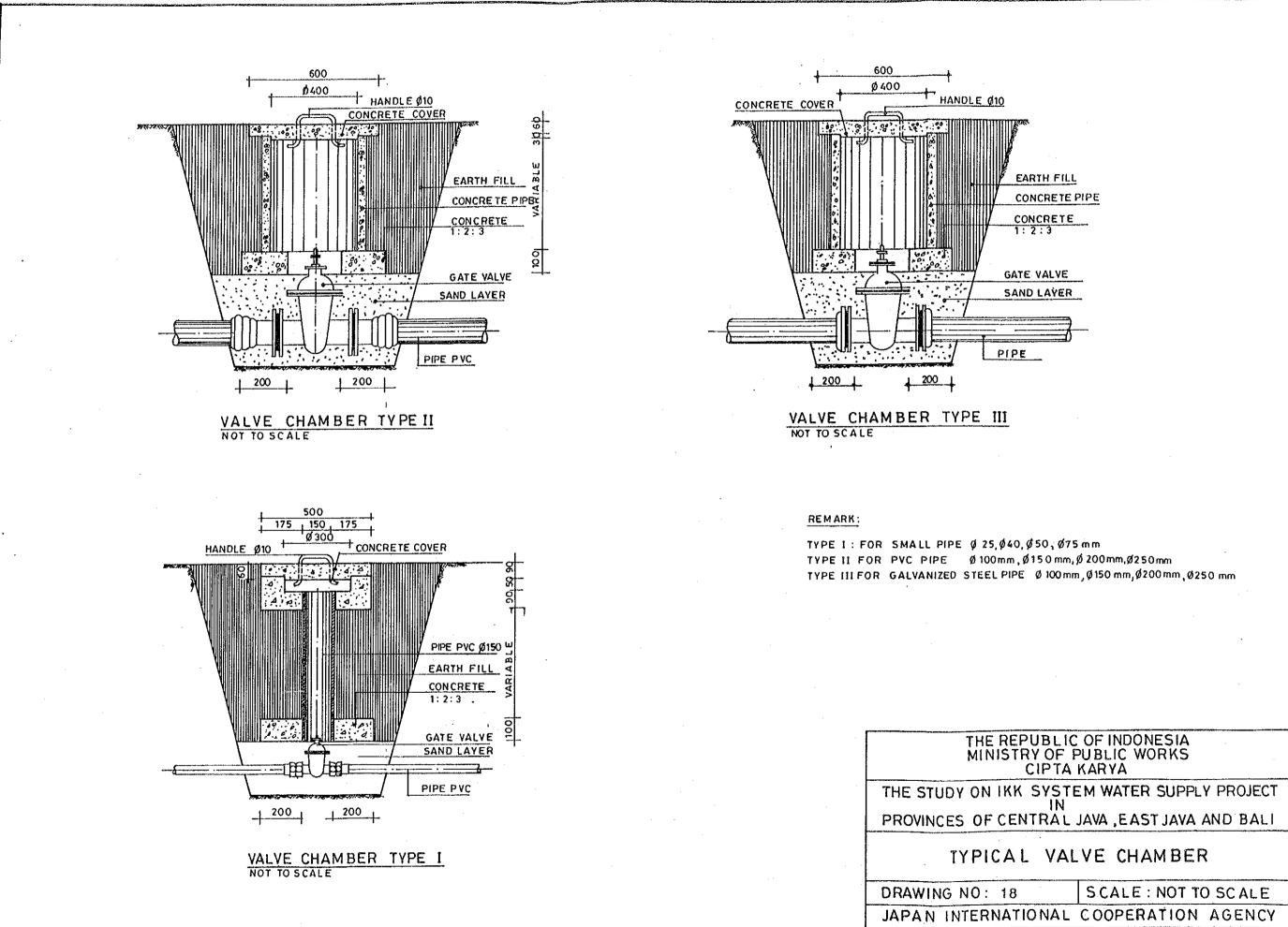
IPE	BRIDGE
	SCALE : NOT TO SCALE
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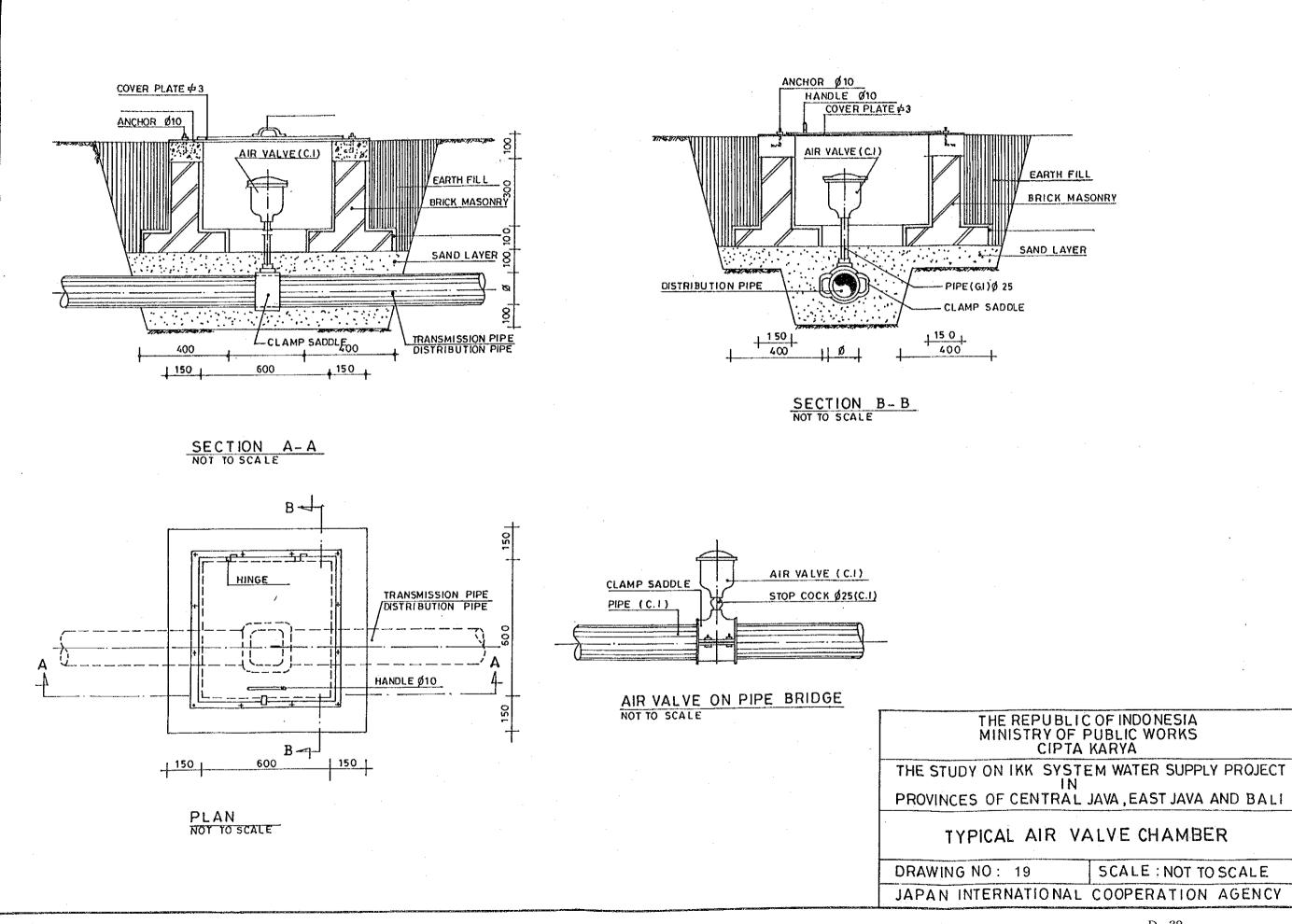
# PIPE BRIDGE

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

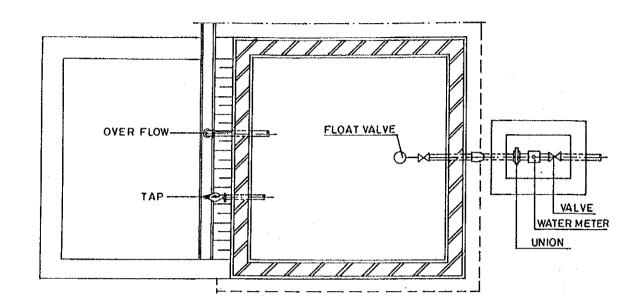
THE REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS CIPTA KARYA

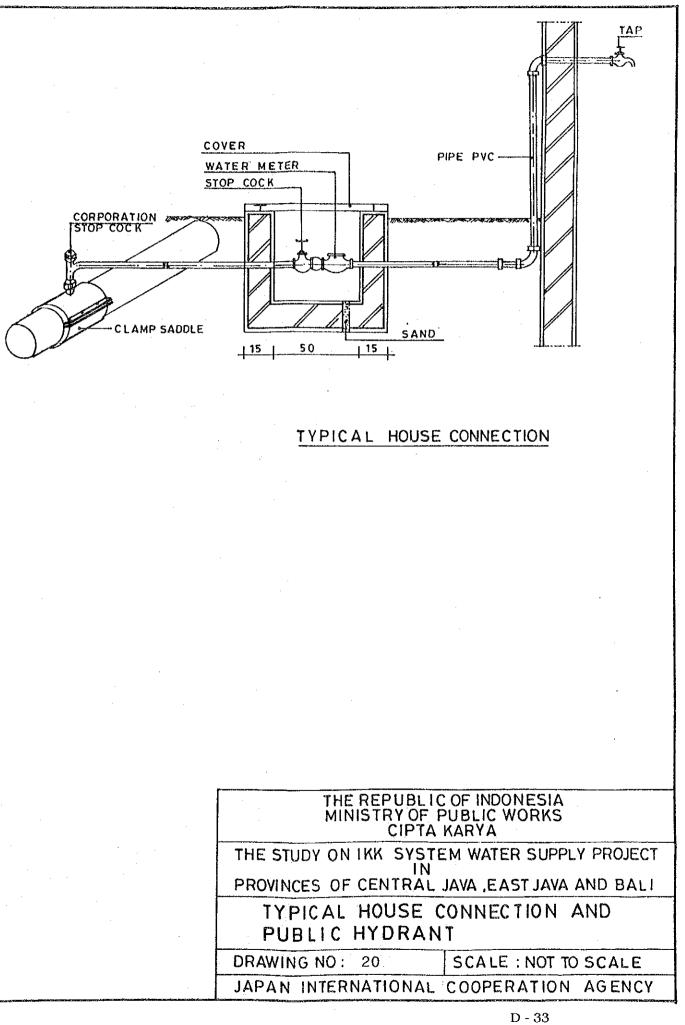




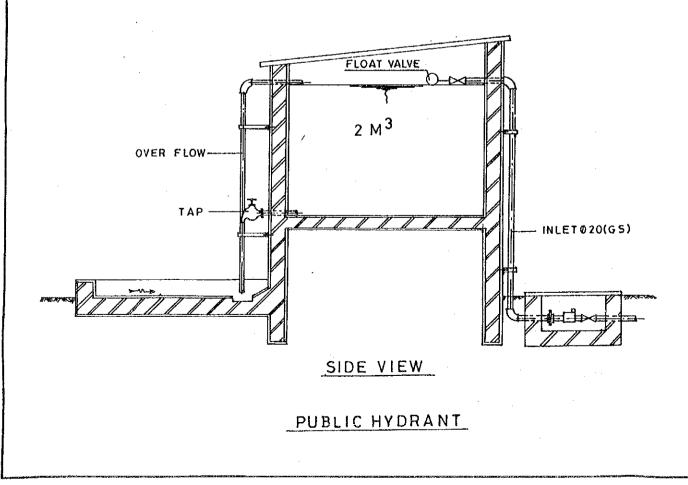


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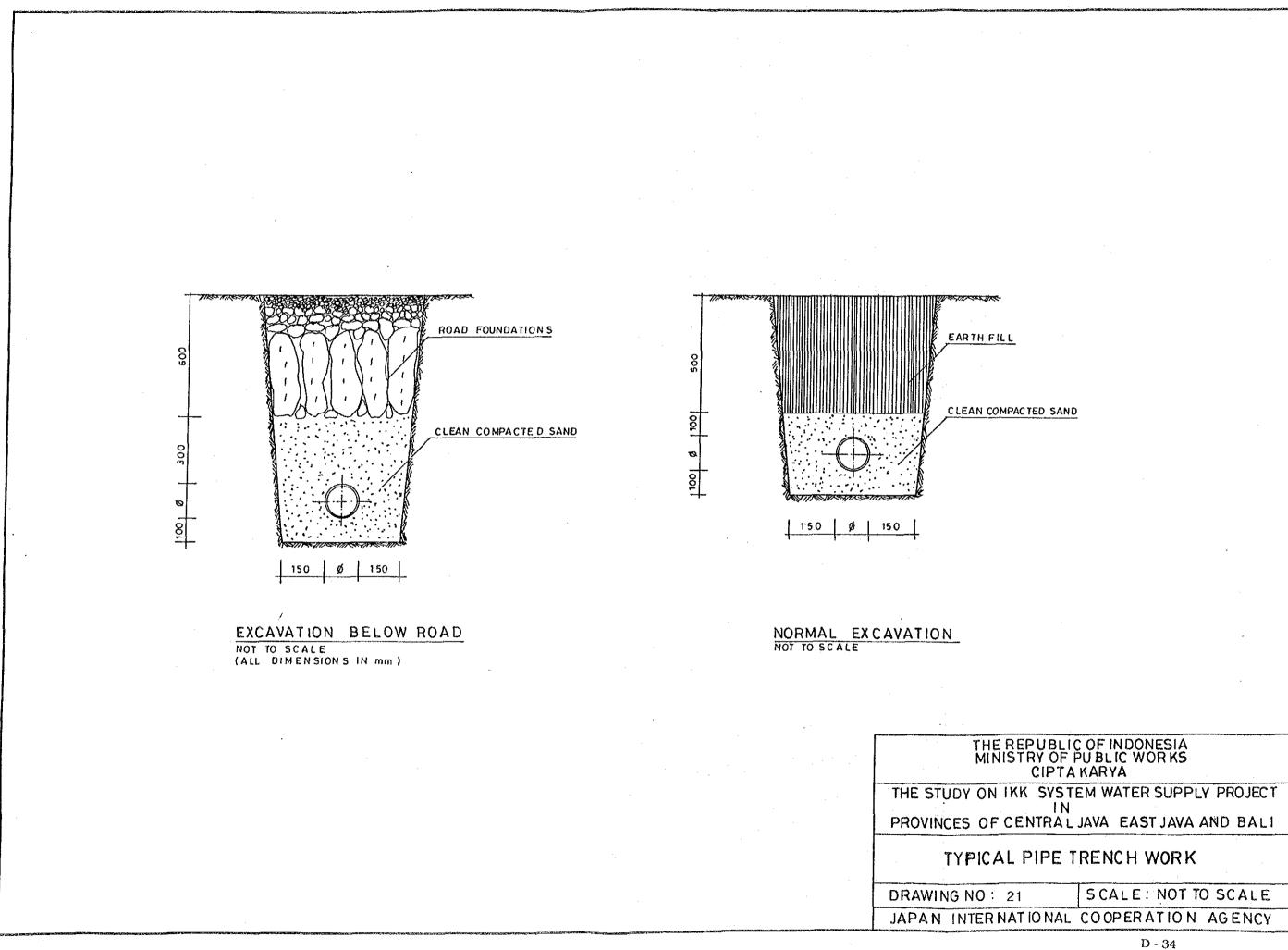




TOP VIEW



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	THE REP MINISTR
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DRAWING	<b>10:</b> 20
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<u>Drawing List</u>
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Drawing No.	ІКК	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	темрен	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

 $\nabla$ : ELEVATED TANK

P : PUMP PIT

Θ : HYDROPHORE

ً₿ **BREAK PRESSURE TANK** 

θ : AIR VALVE

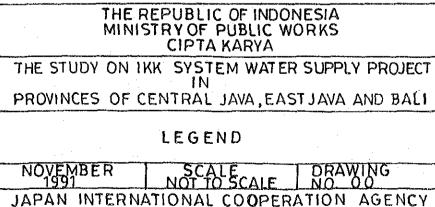
0 : WASH OUT

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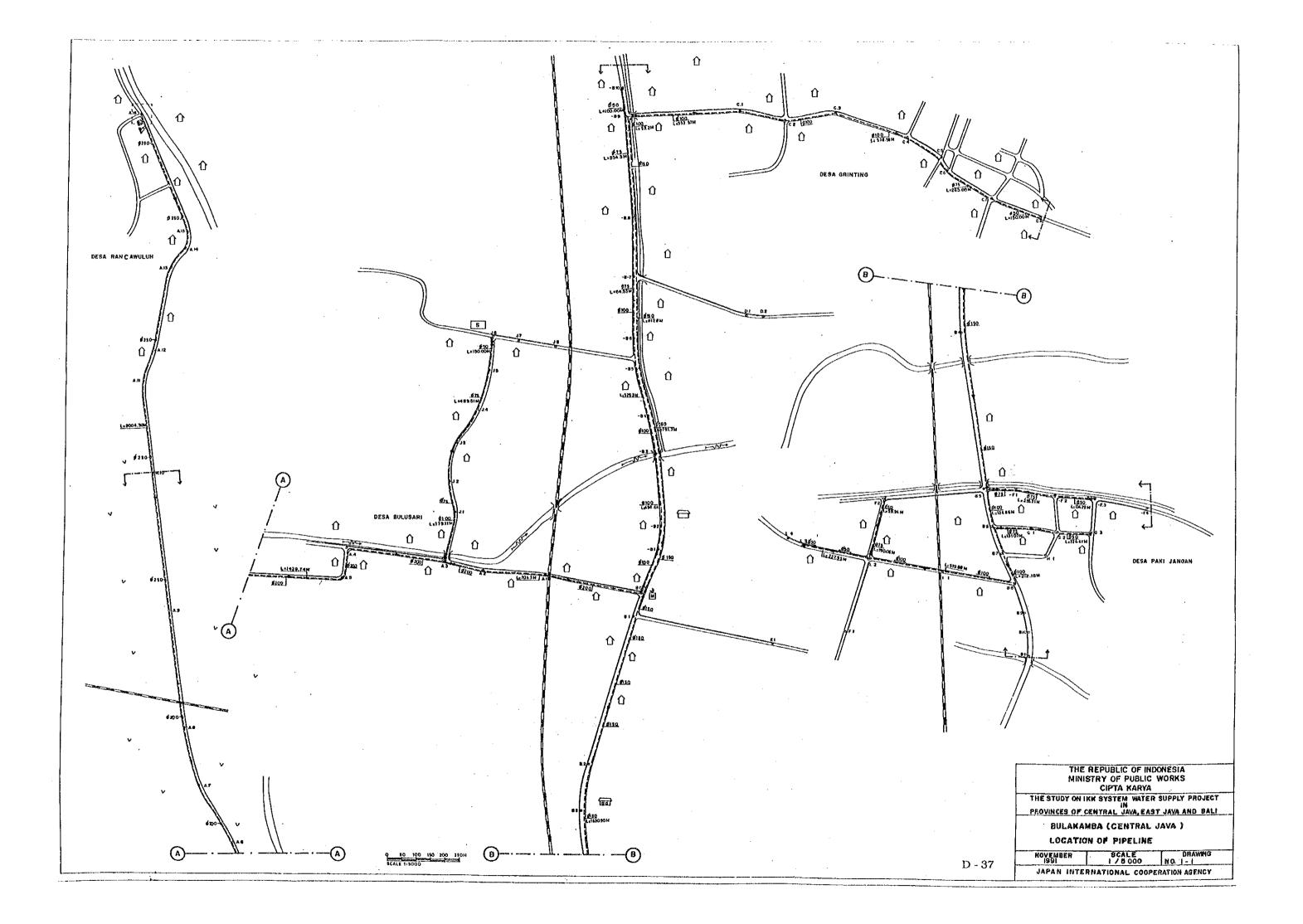
: TREATMENT FACILITIES FOR LEAD  $\boxtimes$ 

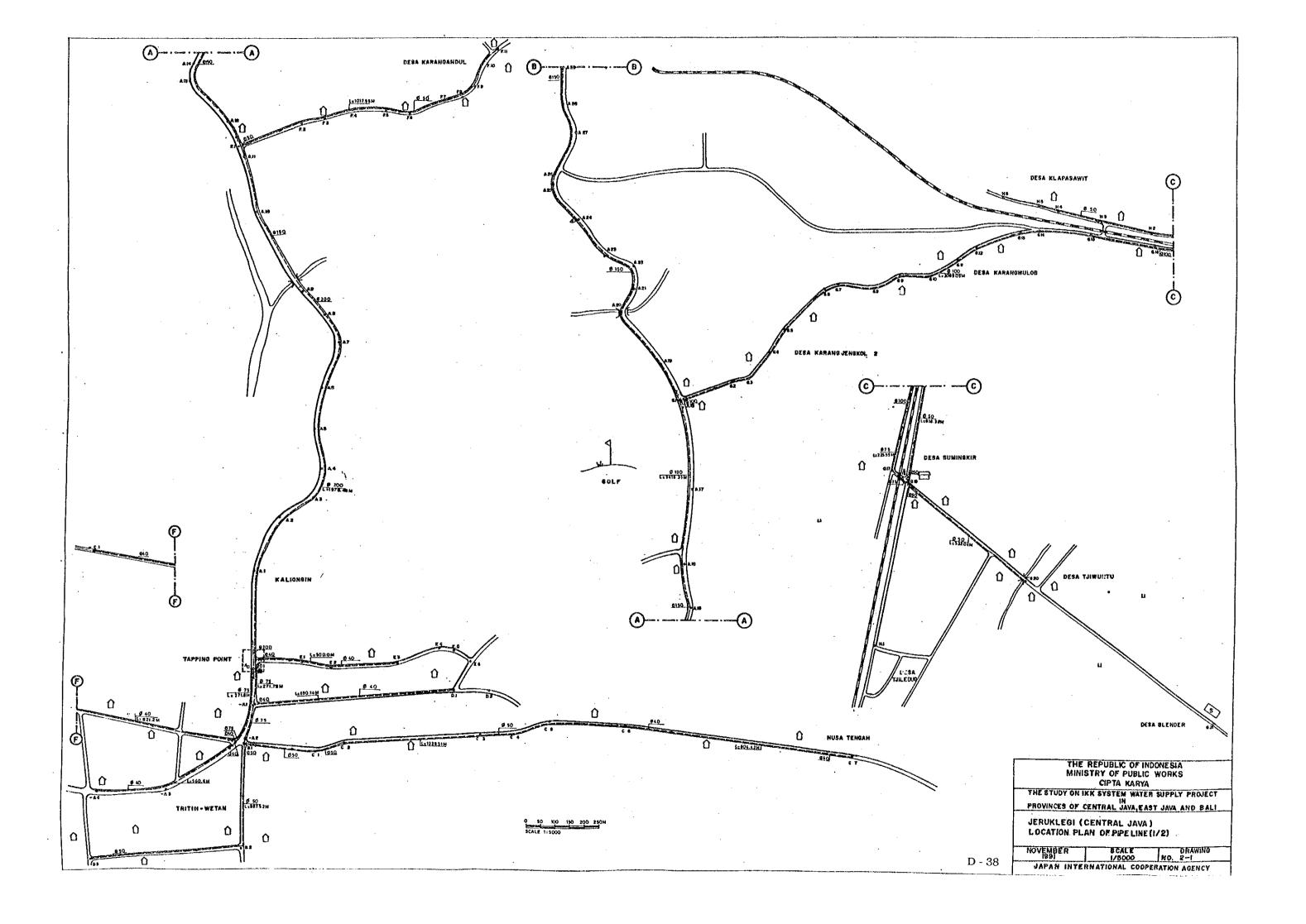
: TREATMENT FACILITIES FOR IRON

a airea à faichea à stimurant		TRANSMISSION PIPELINE
	•	TRANSMISSION PIPELINE
	:	DISTRIBUTION PIPELINE
commente é a matemática a la activacionada e	•	EXISTING PIPELINE
***** <b>5****</b> *****	:	FLOW DIRECTION
	:	GATE VALVE
	:	END CAP
0150 0100	:	CHANGE OF DIAMETER PIPE
<u> </u>	;	IKK SERVICE AREA BOUNDARY
L ·	:	LENGTH OF PIPE ( IN M )

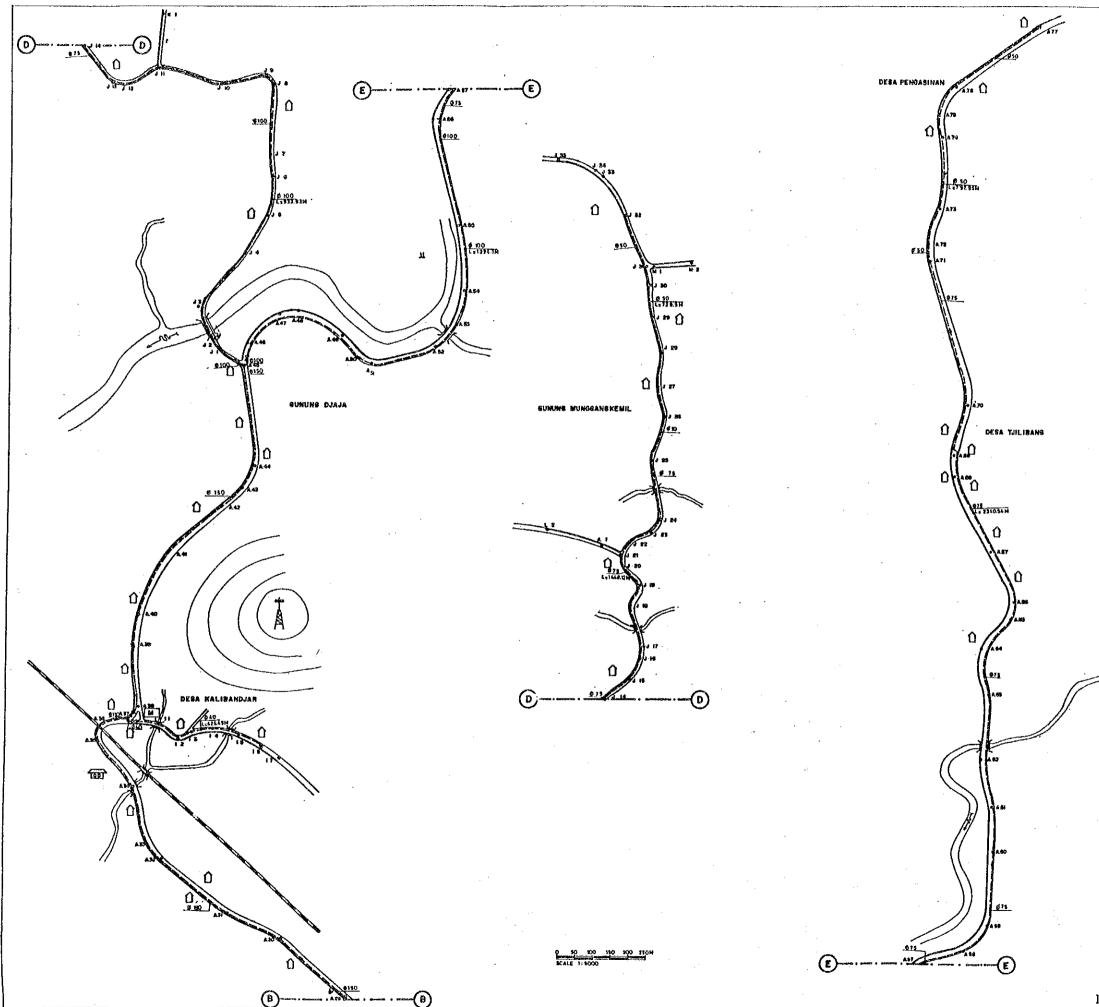


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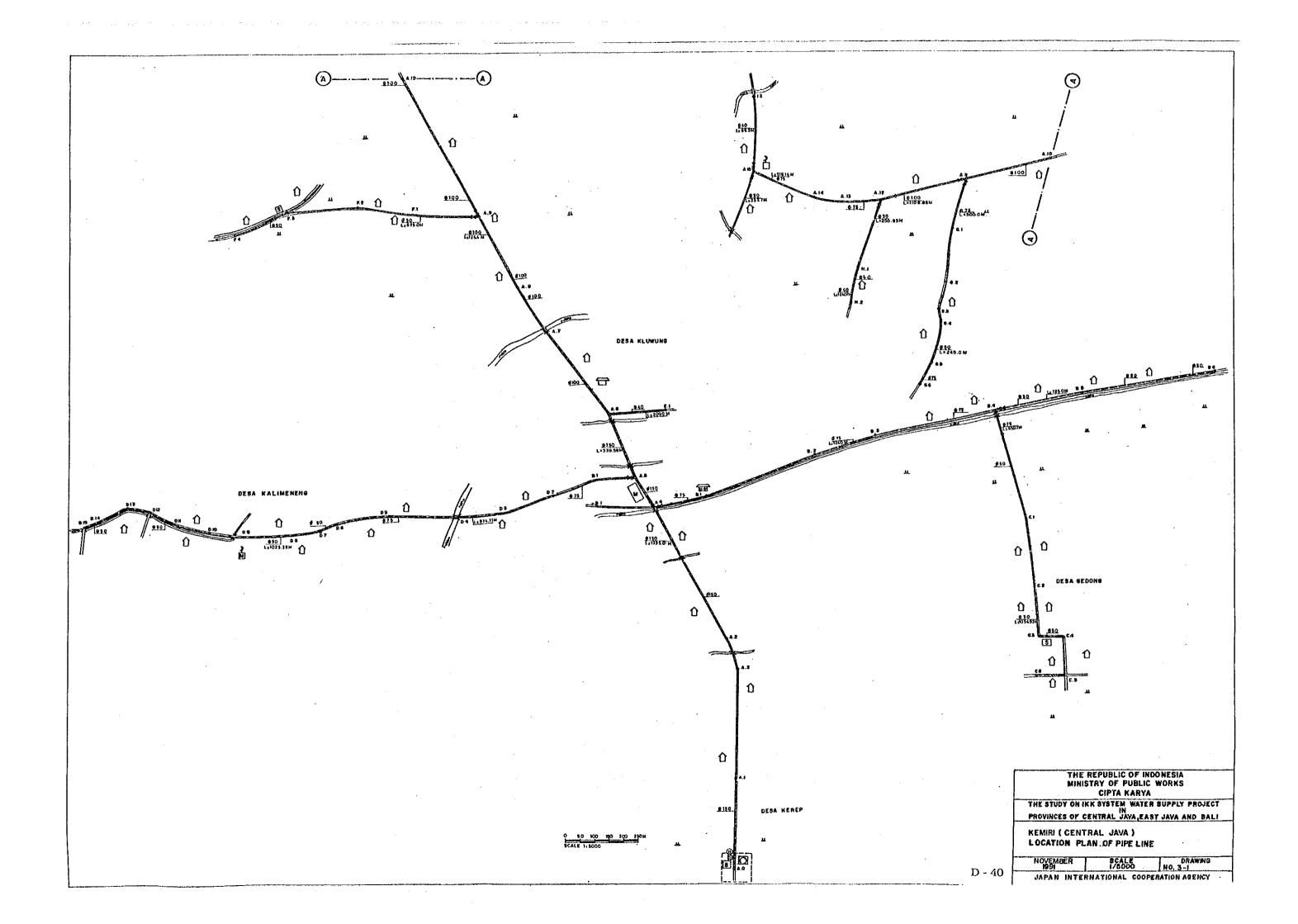


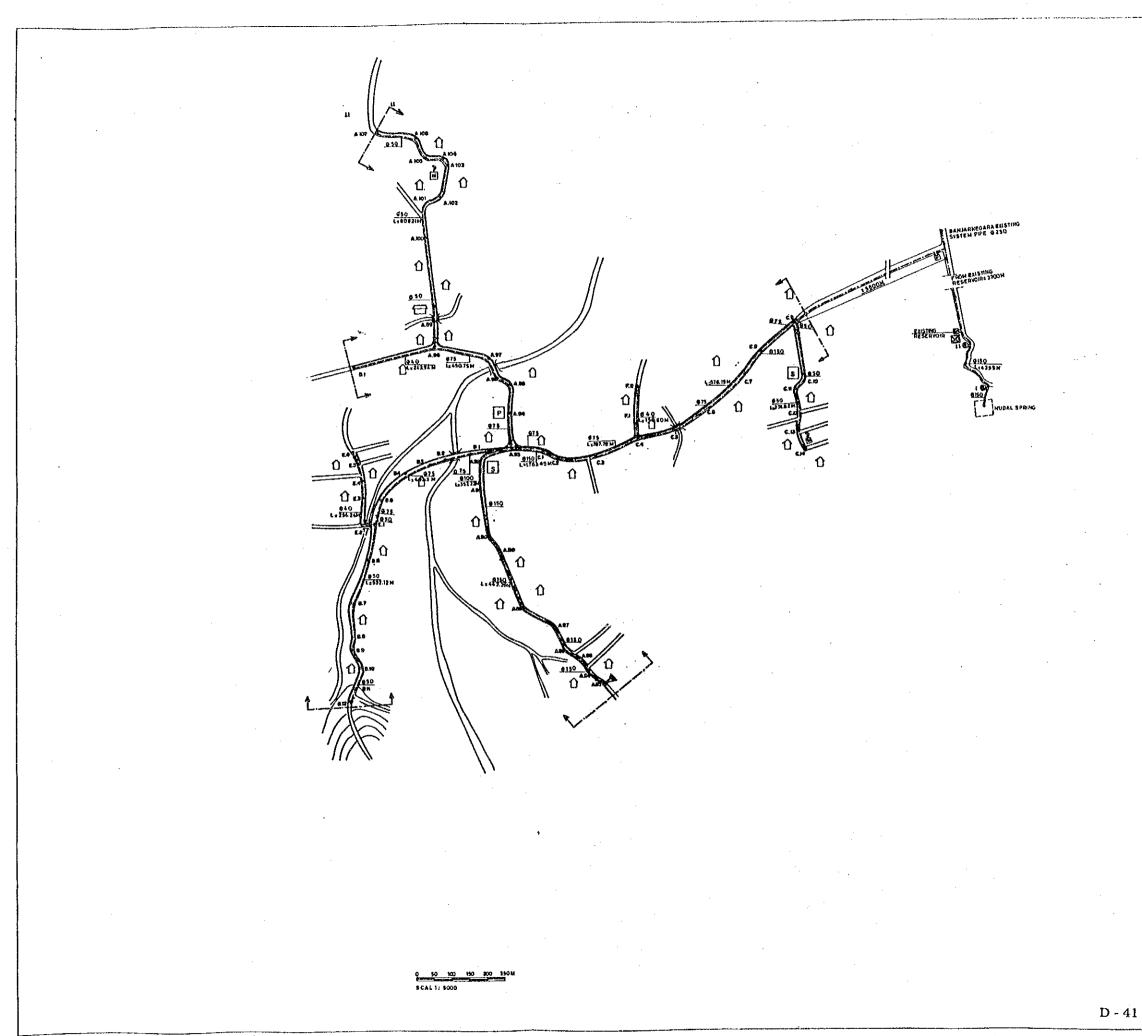




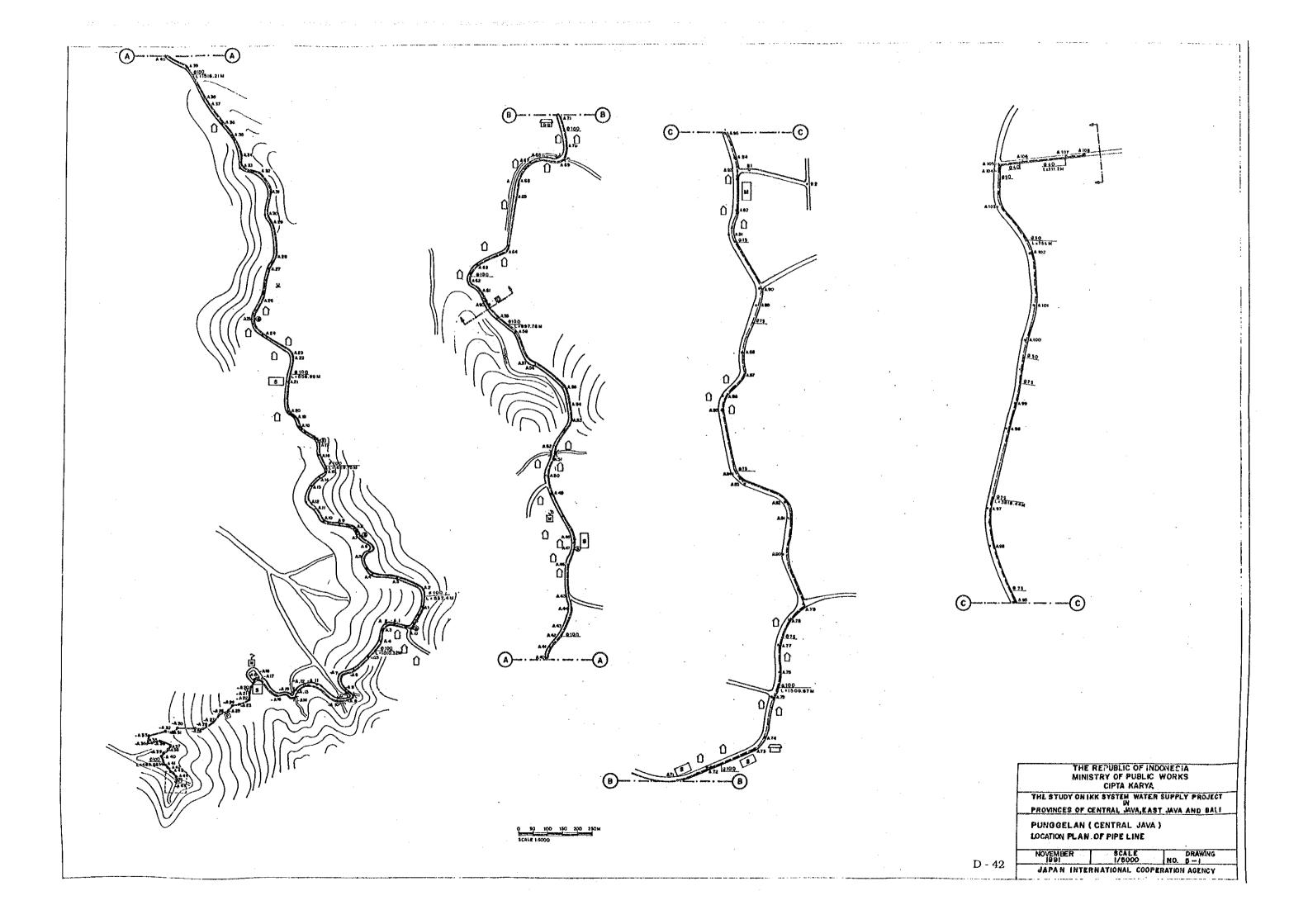


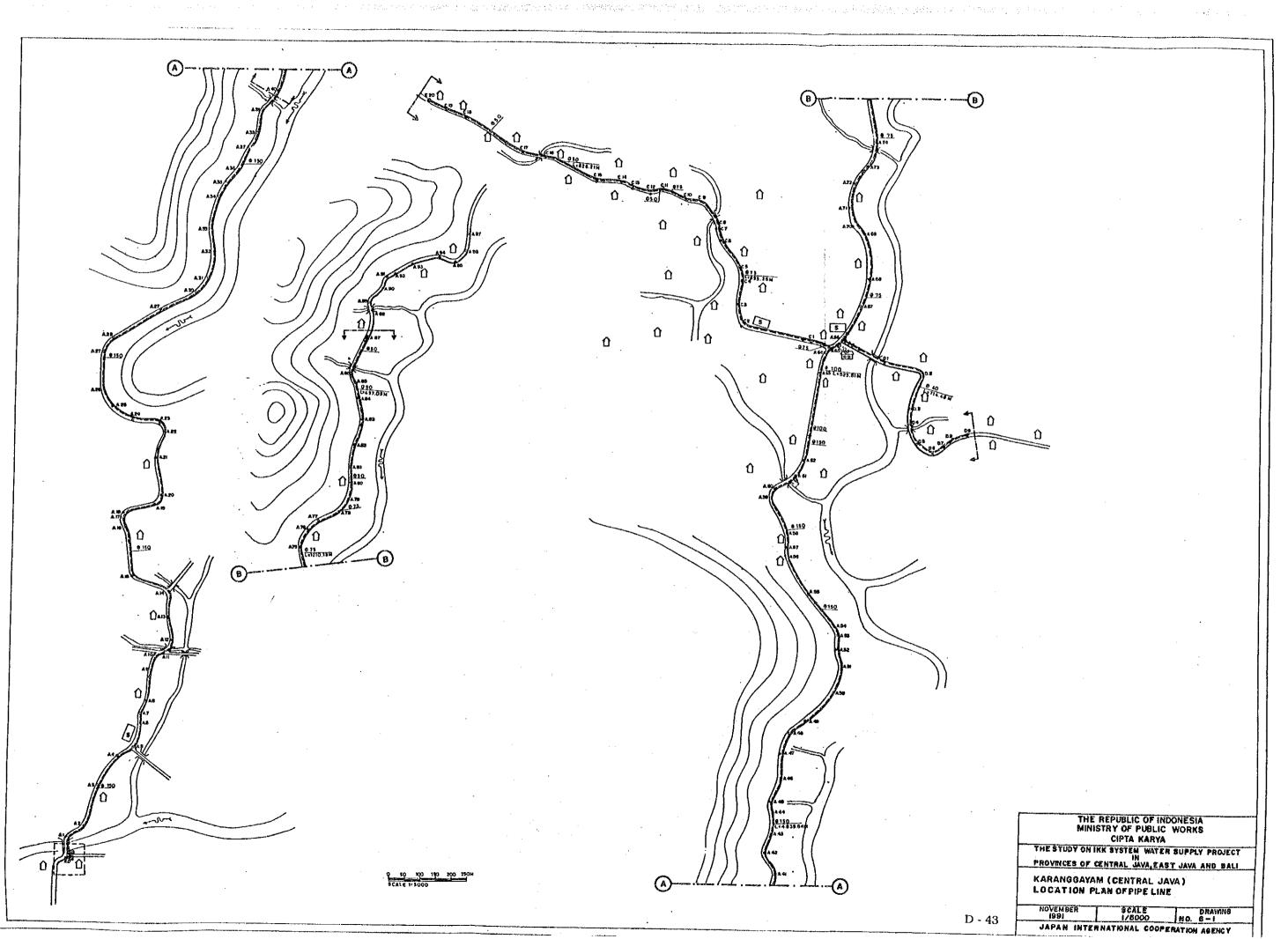
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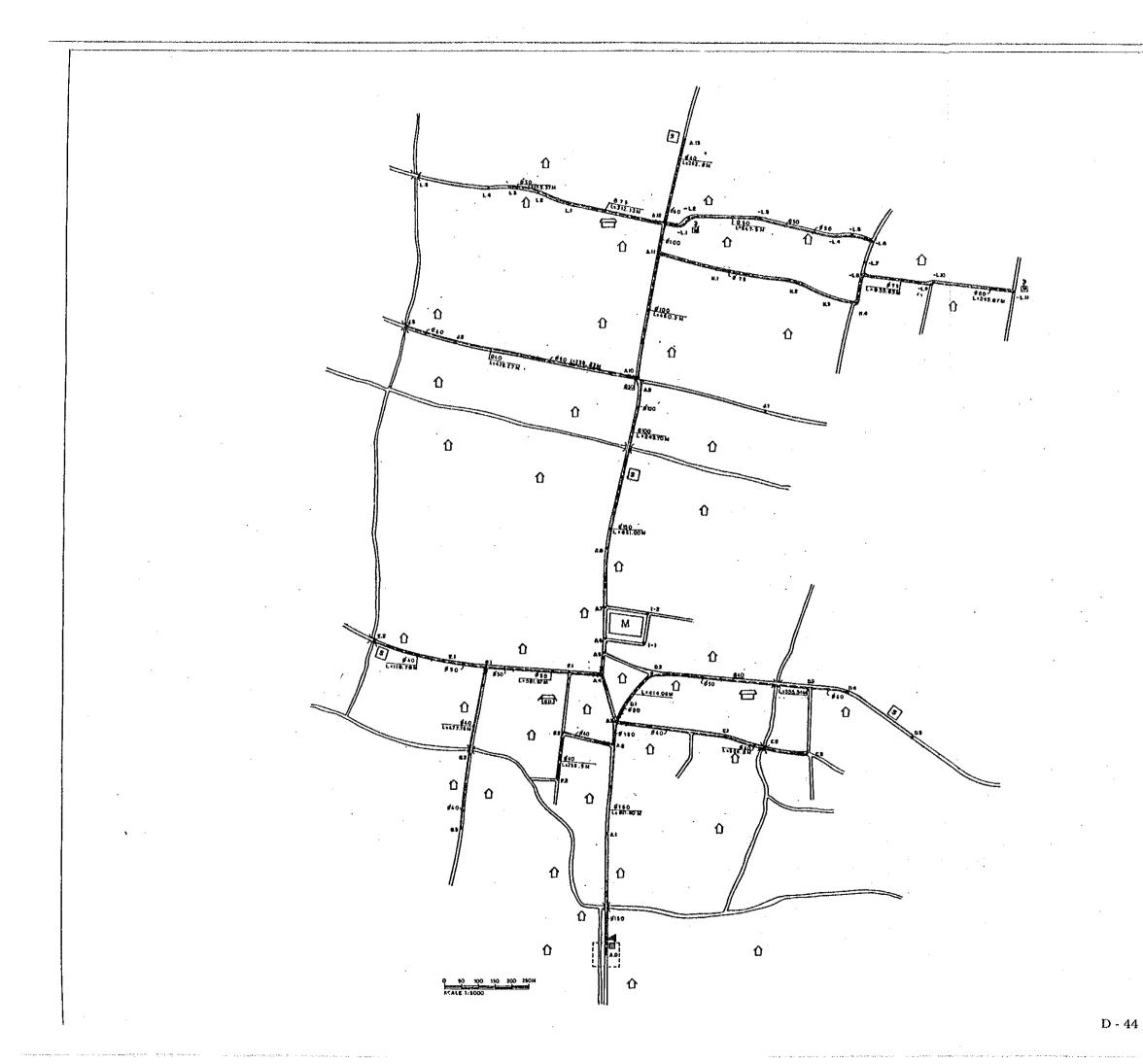




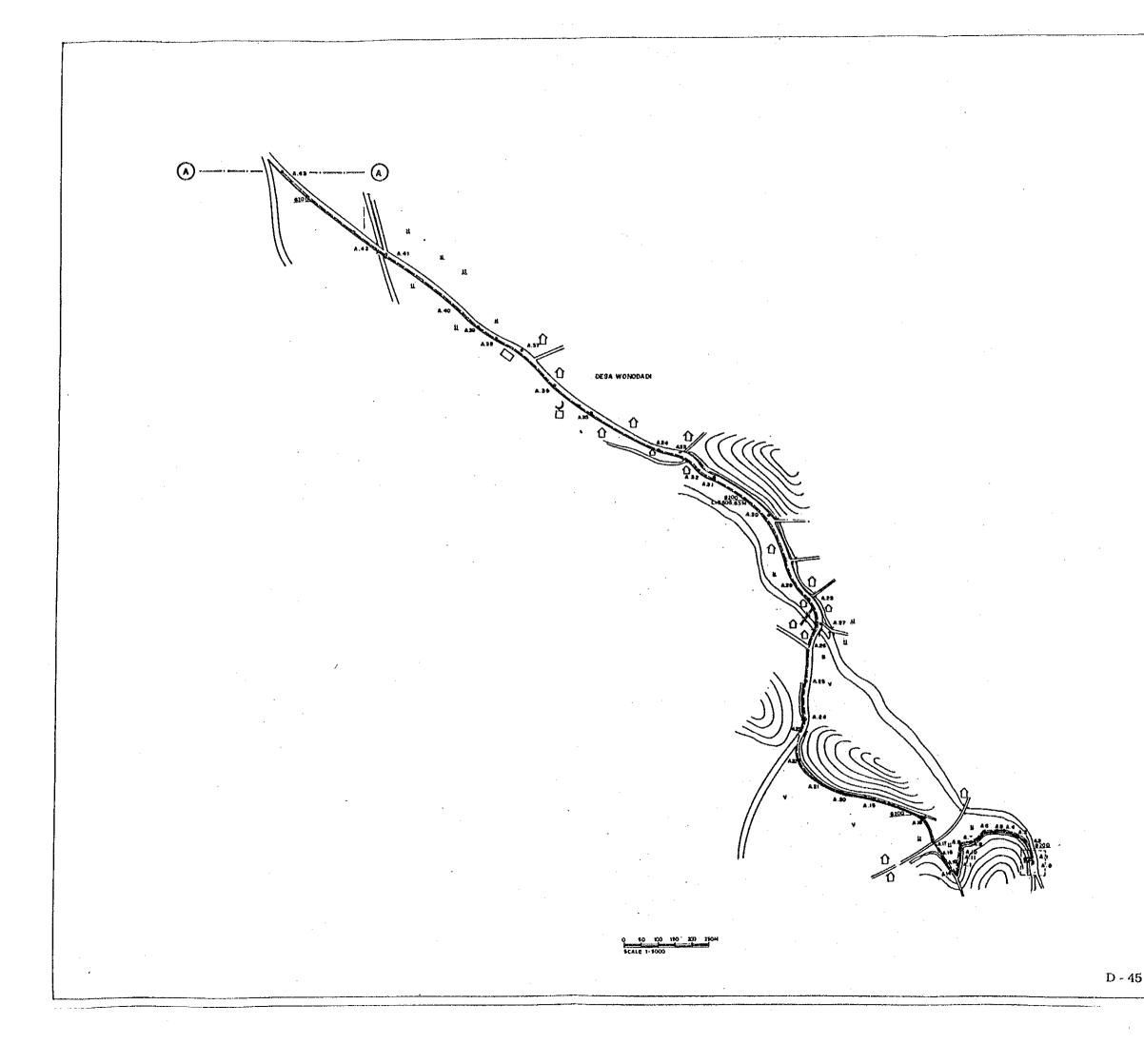
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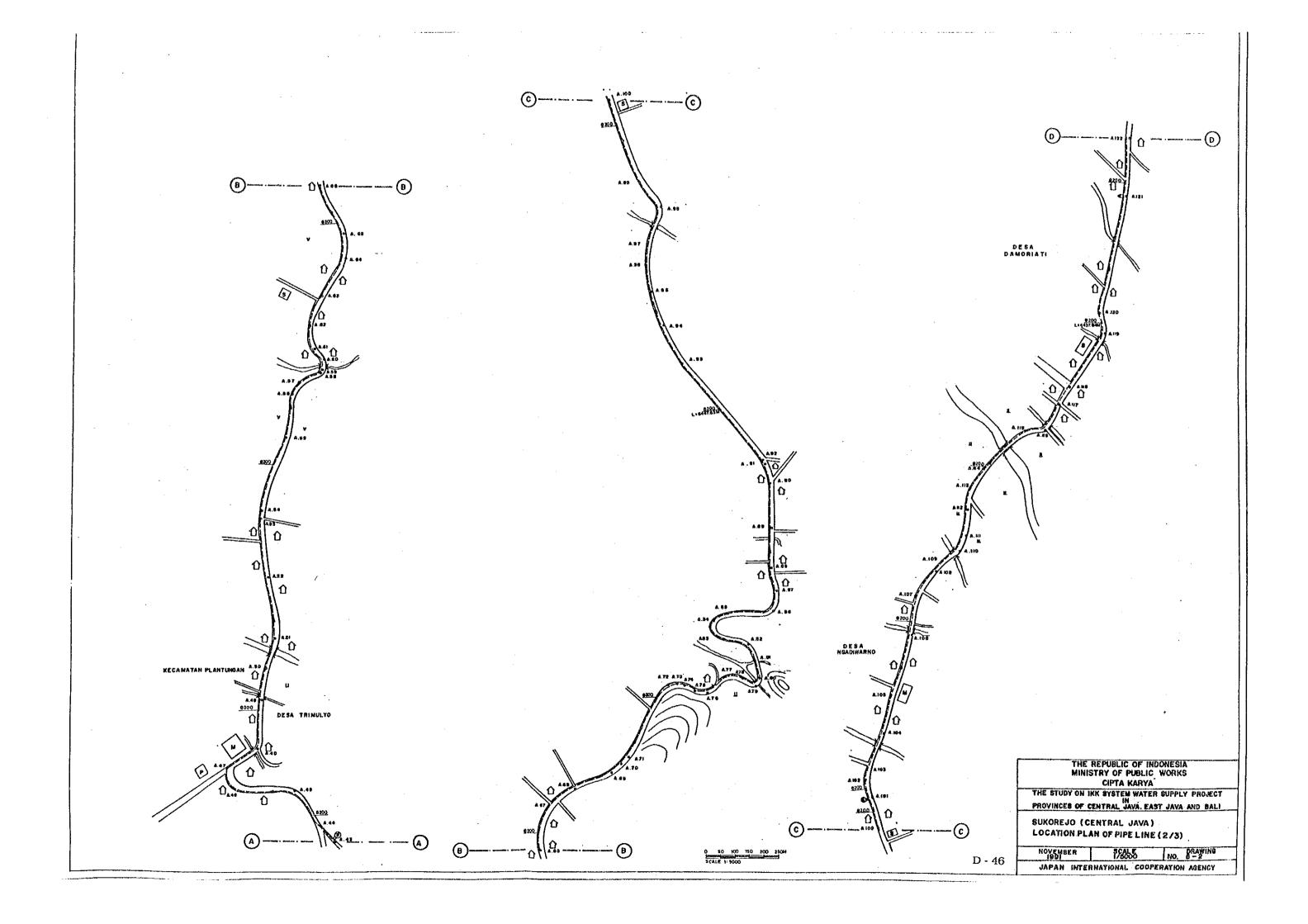


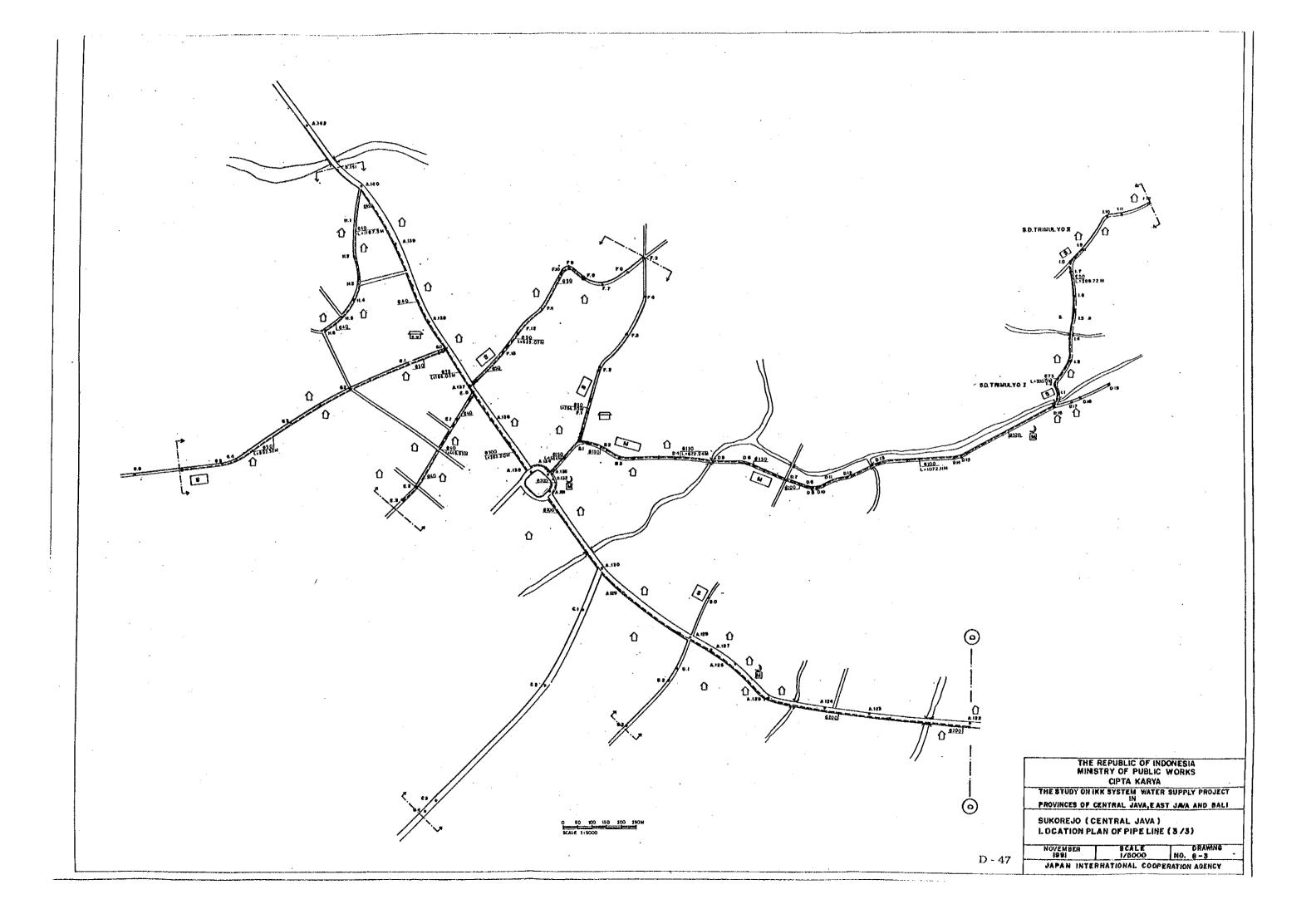


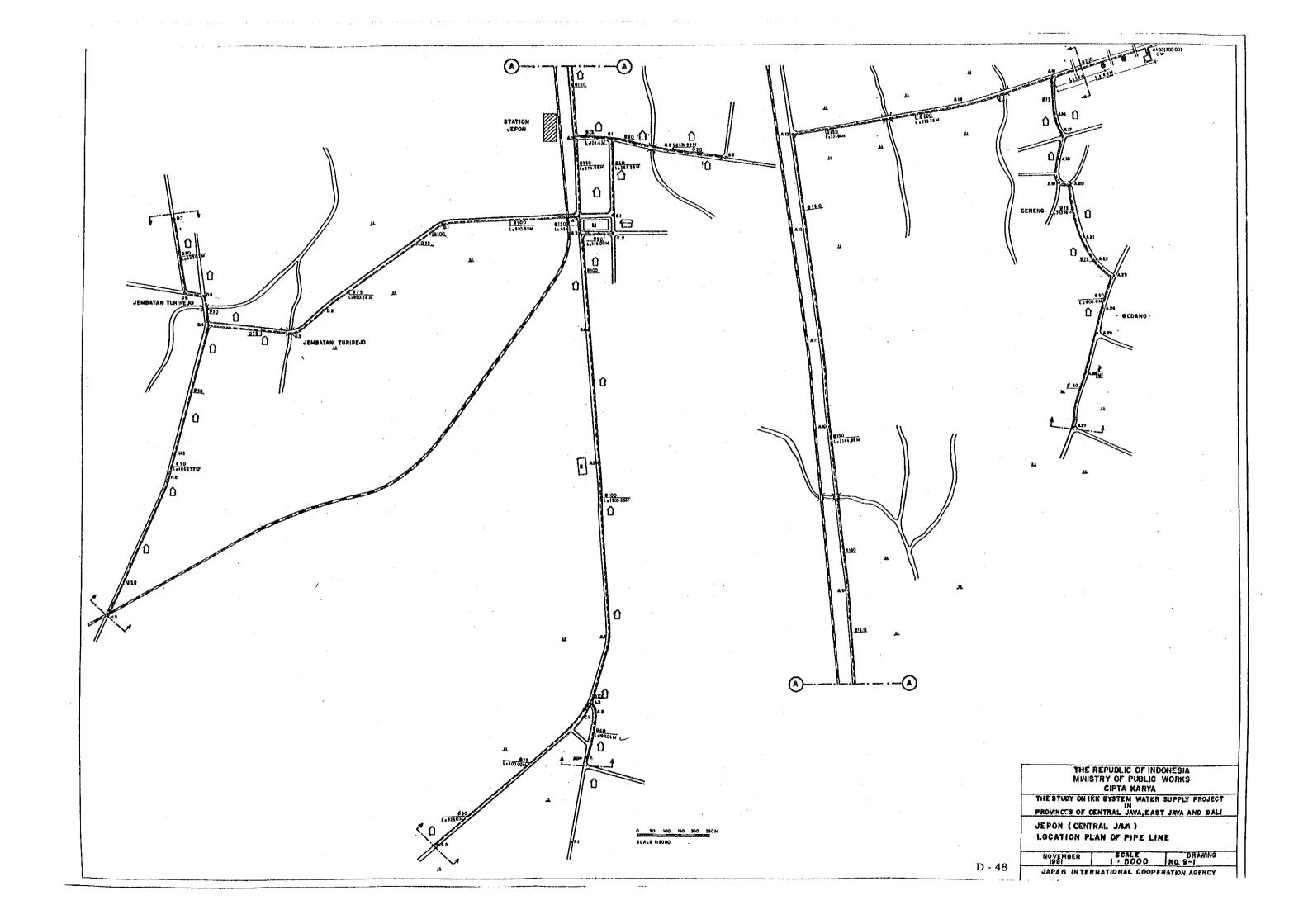
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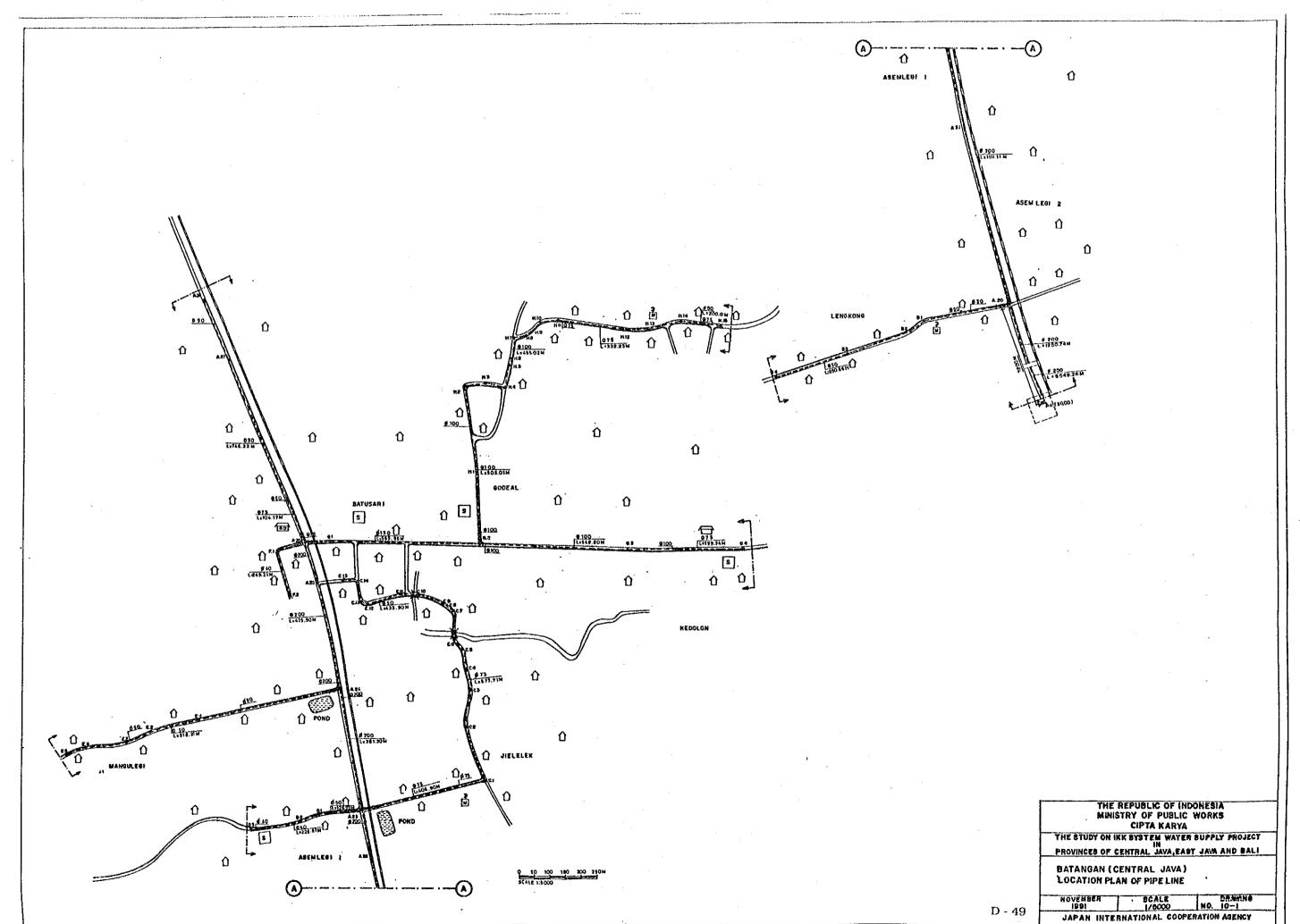


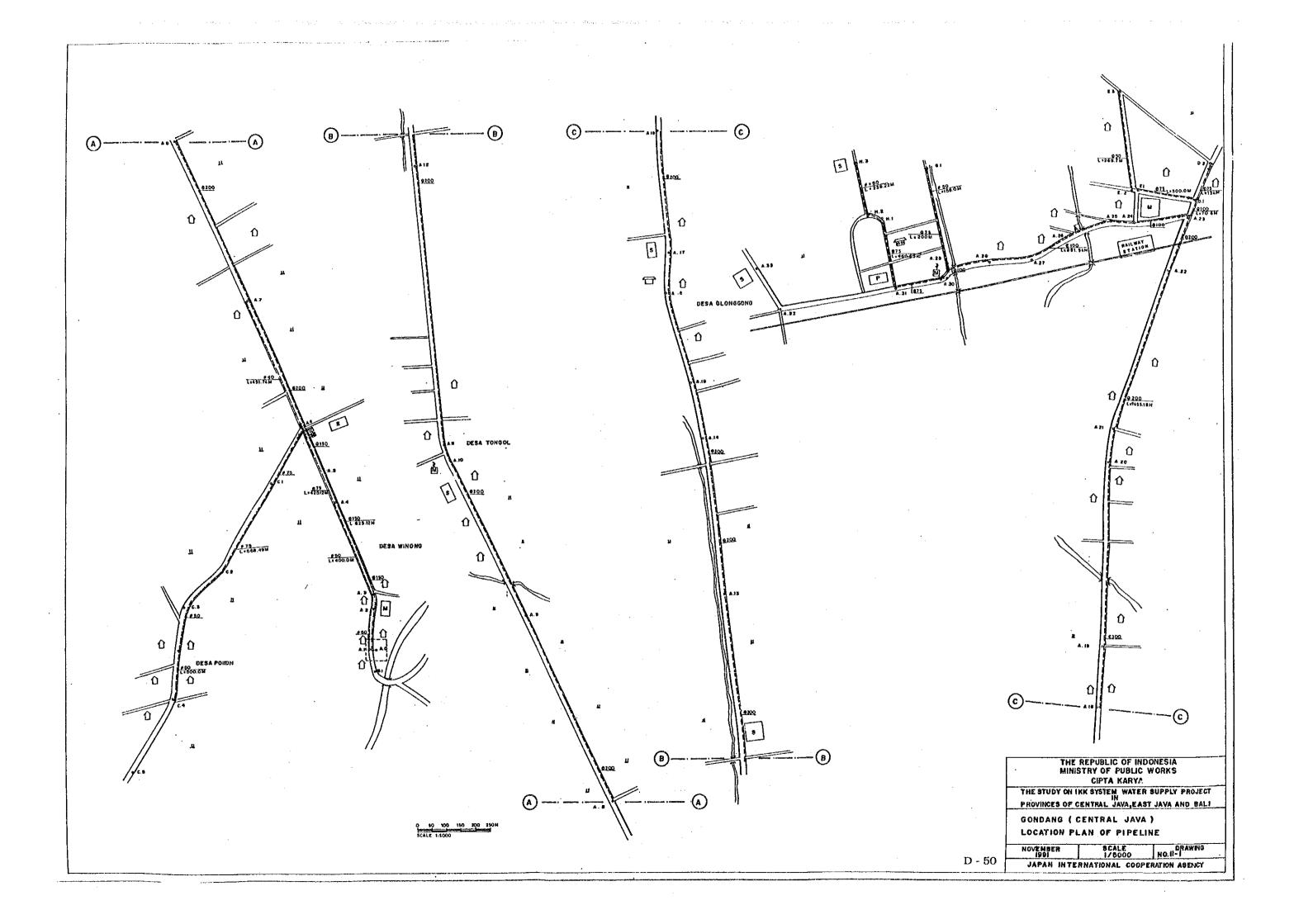
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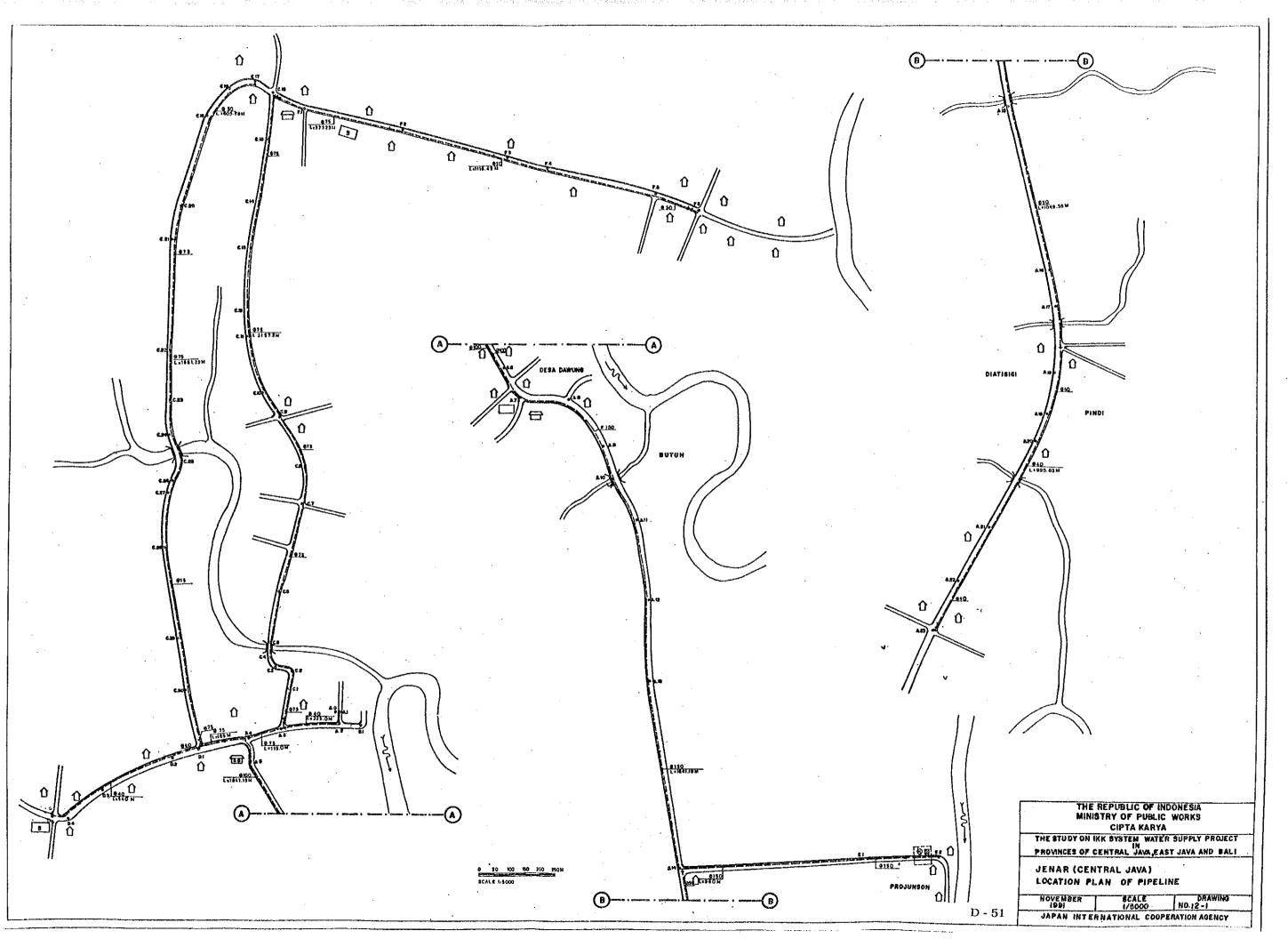


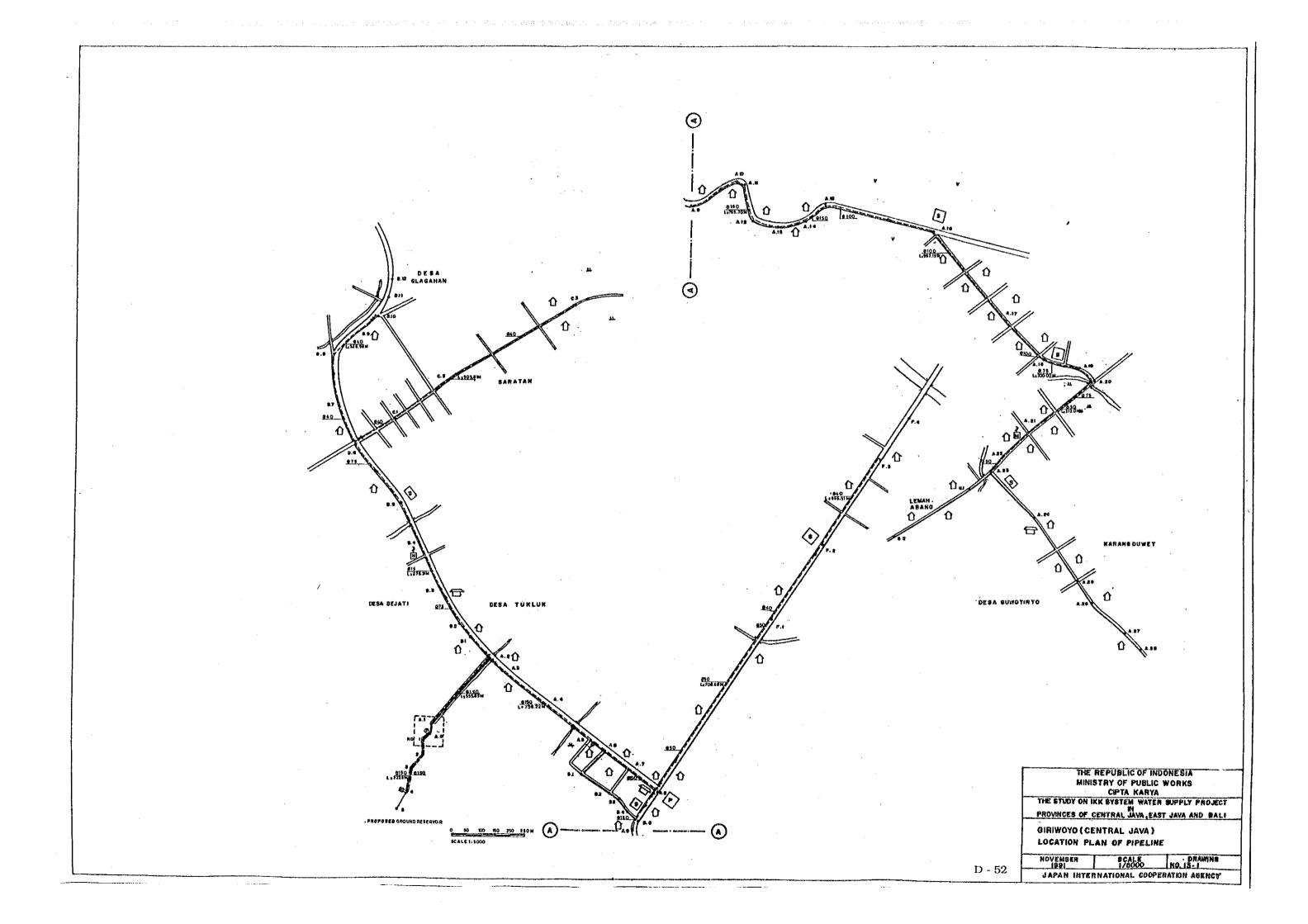


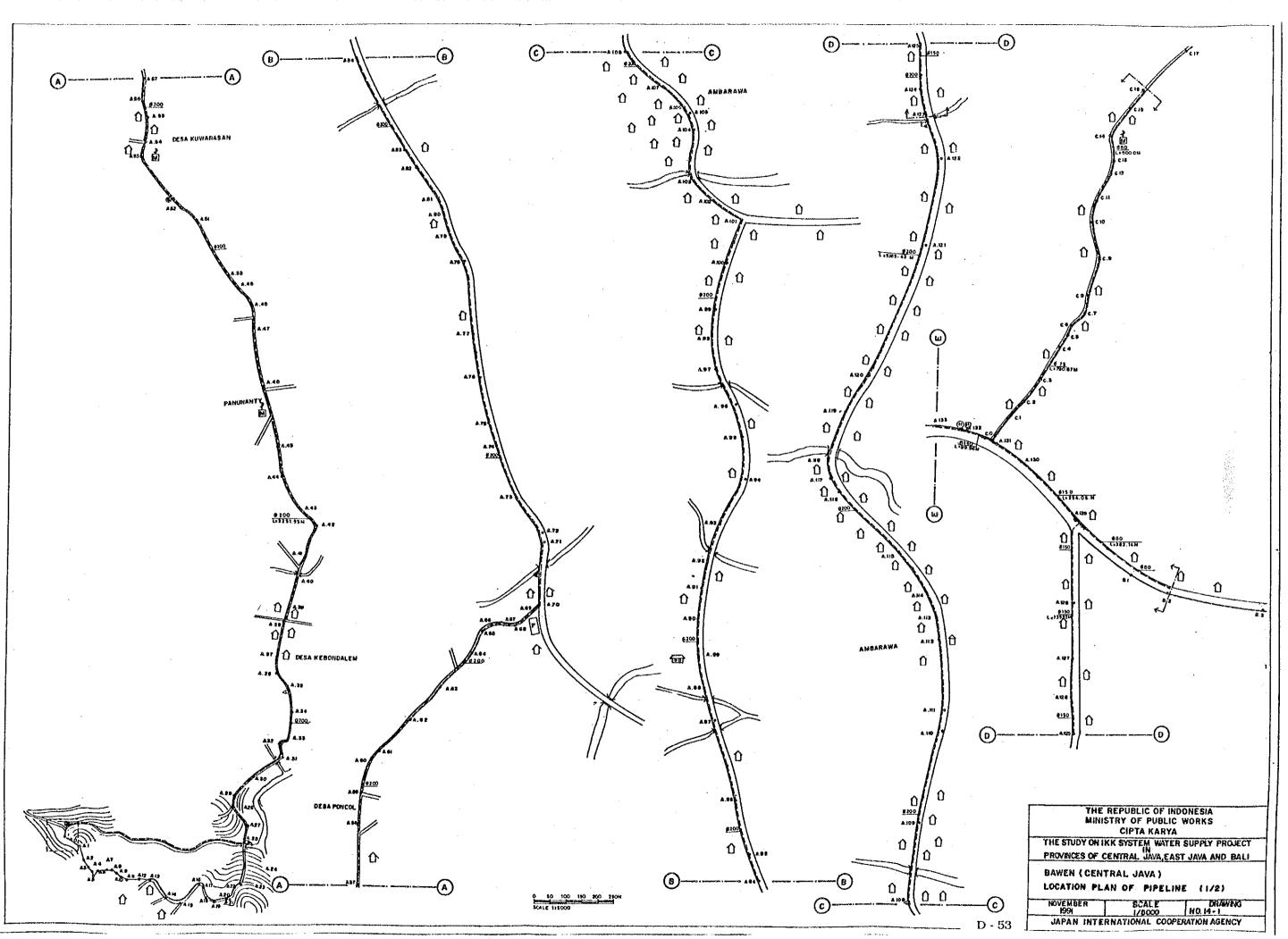


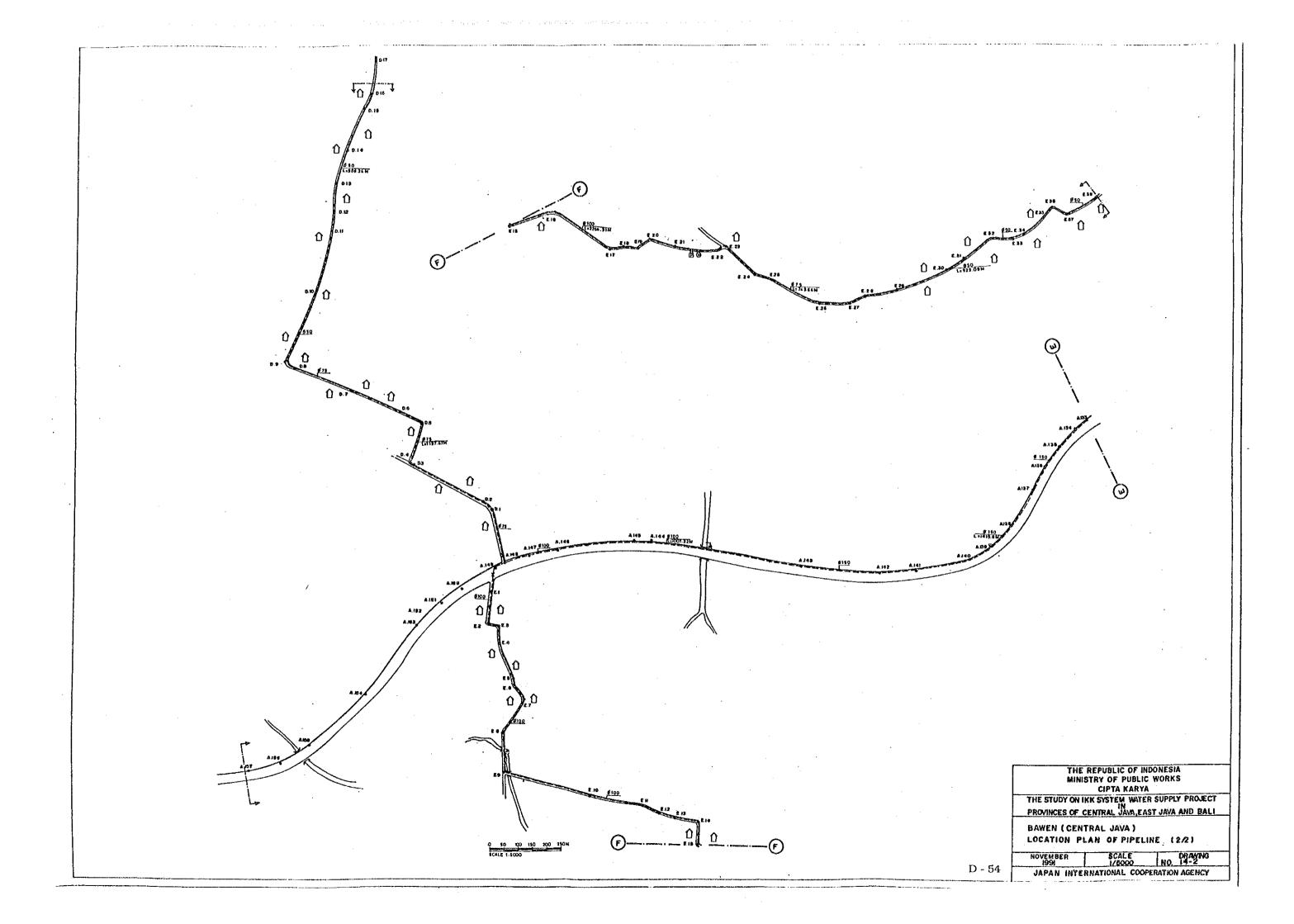


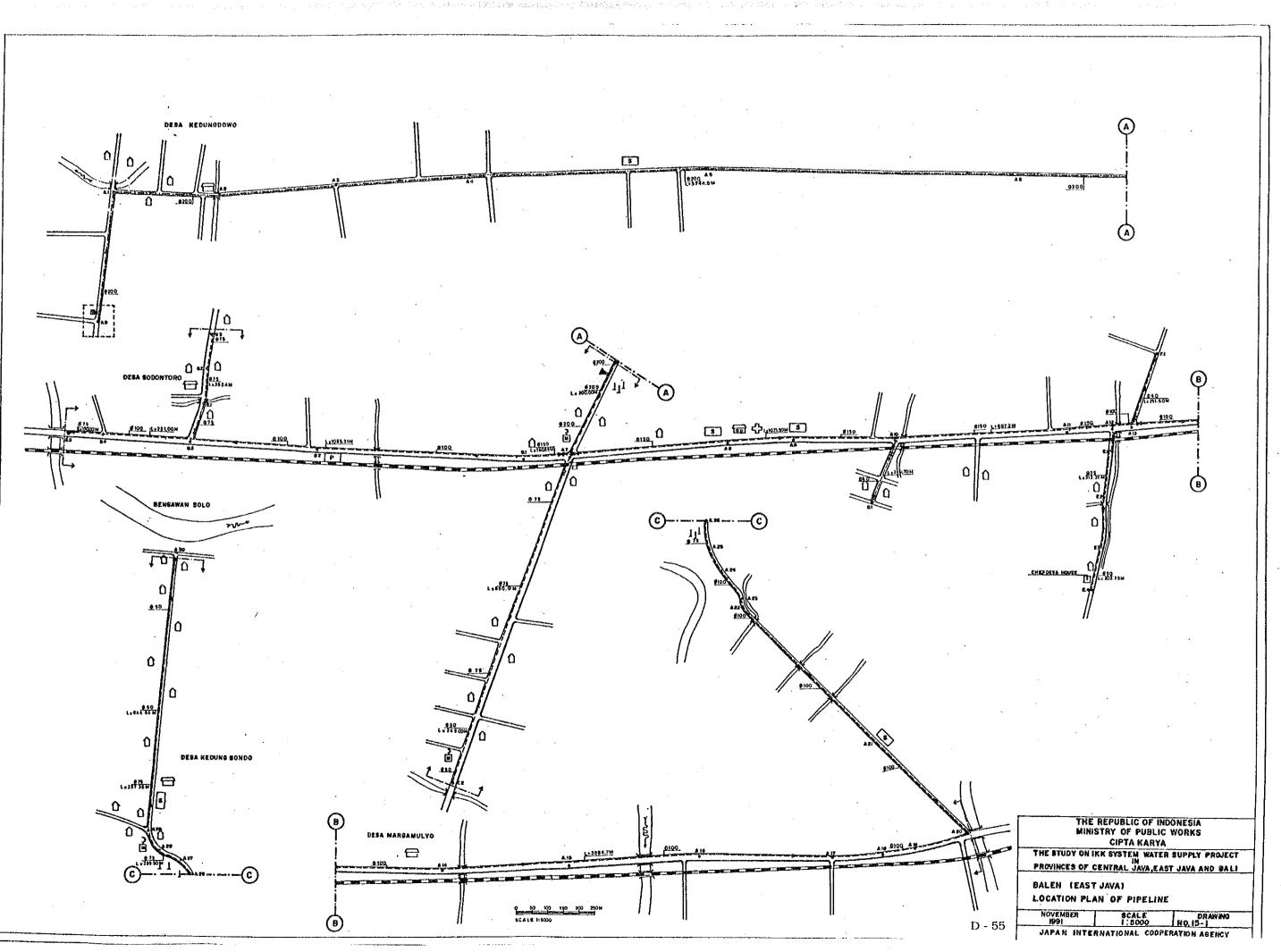


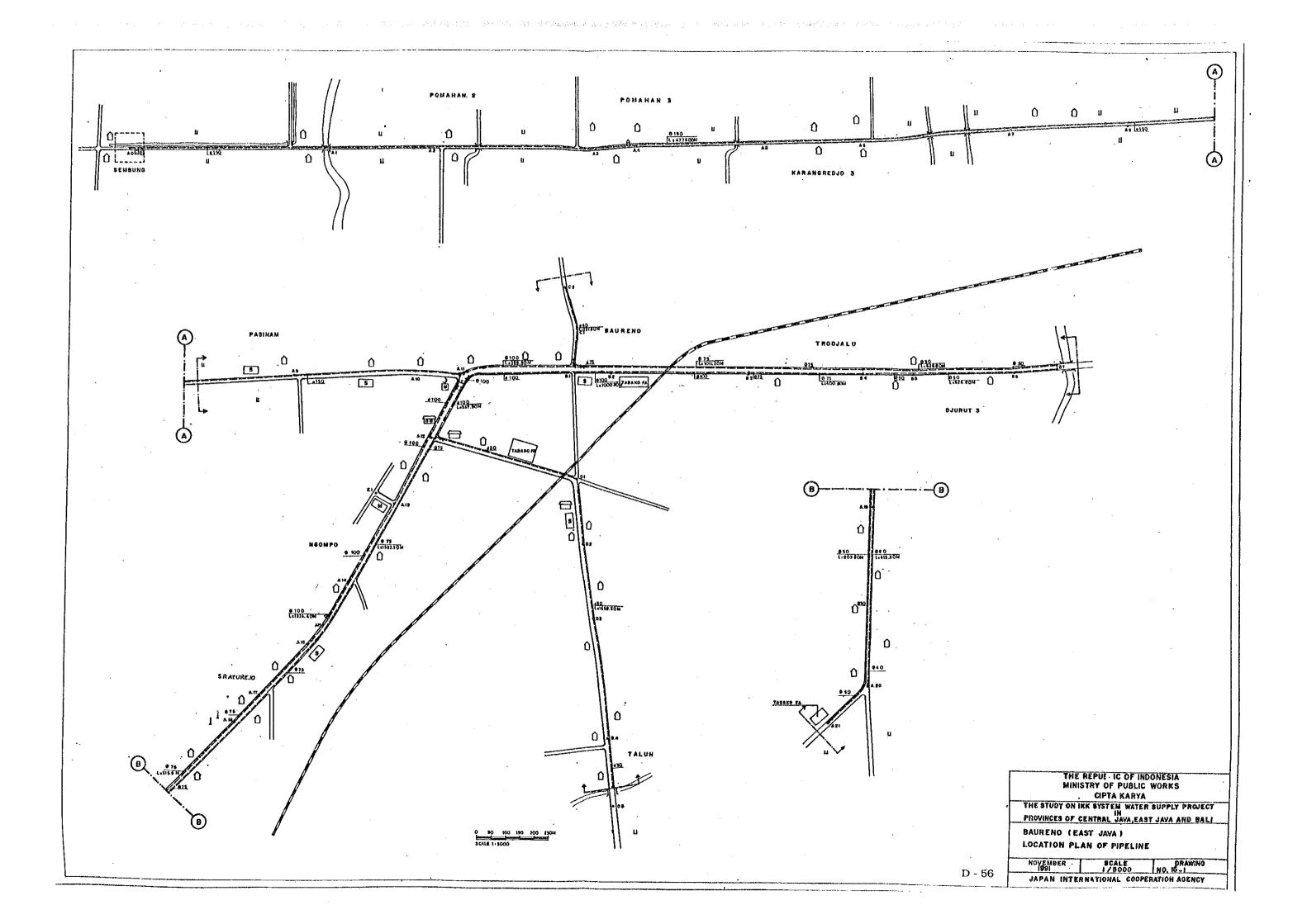


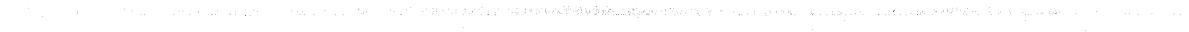


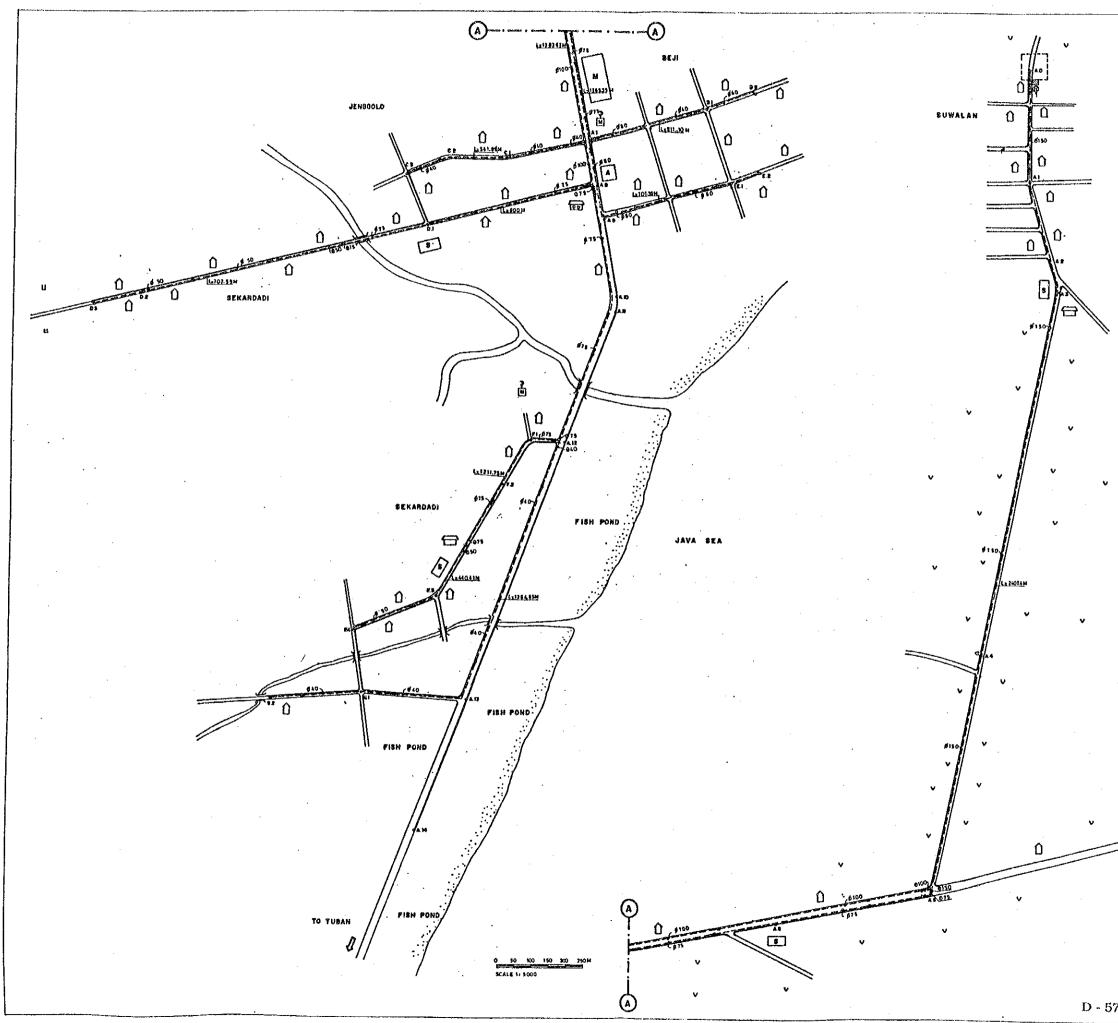




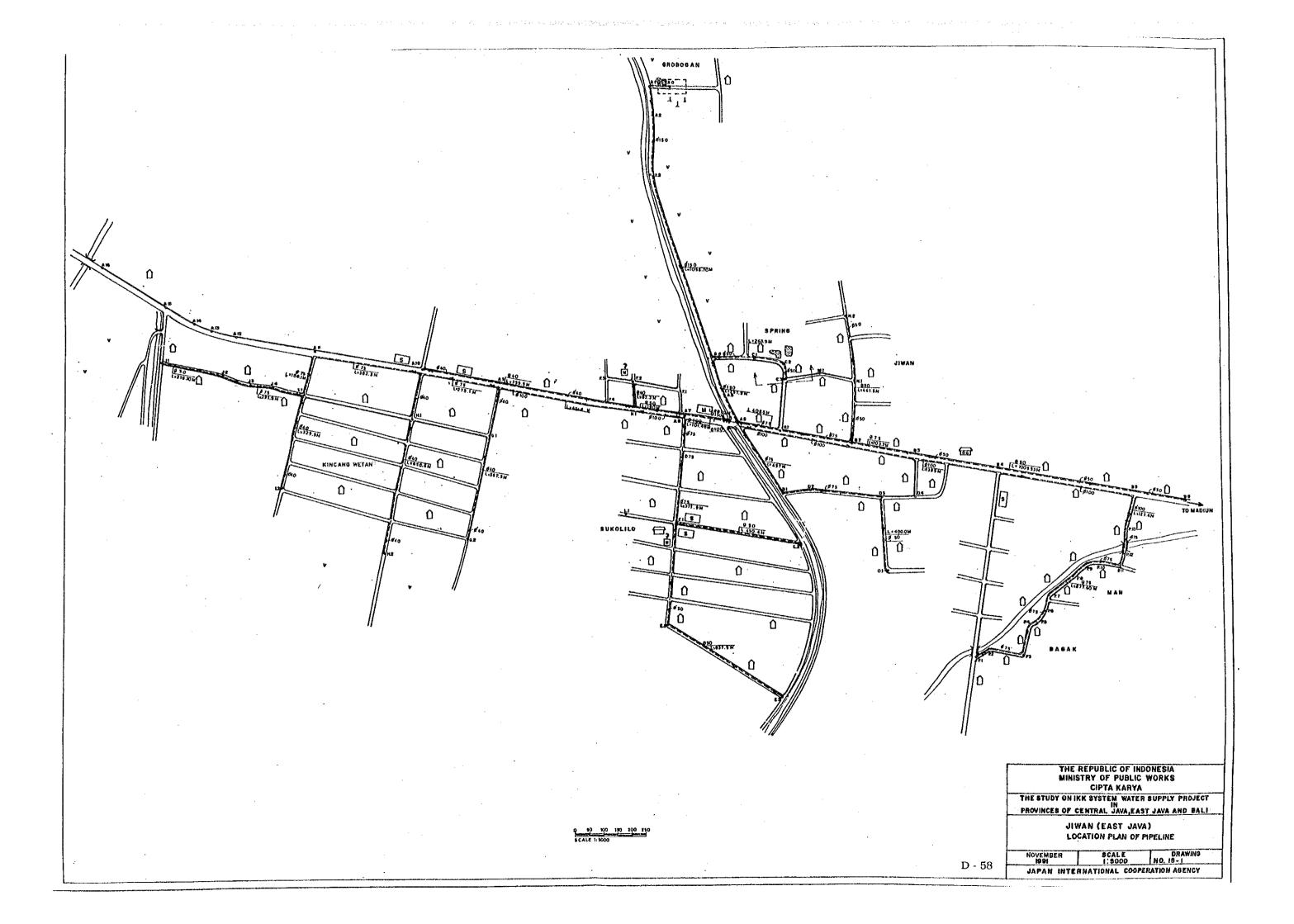


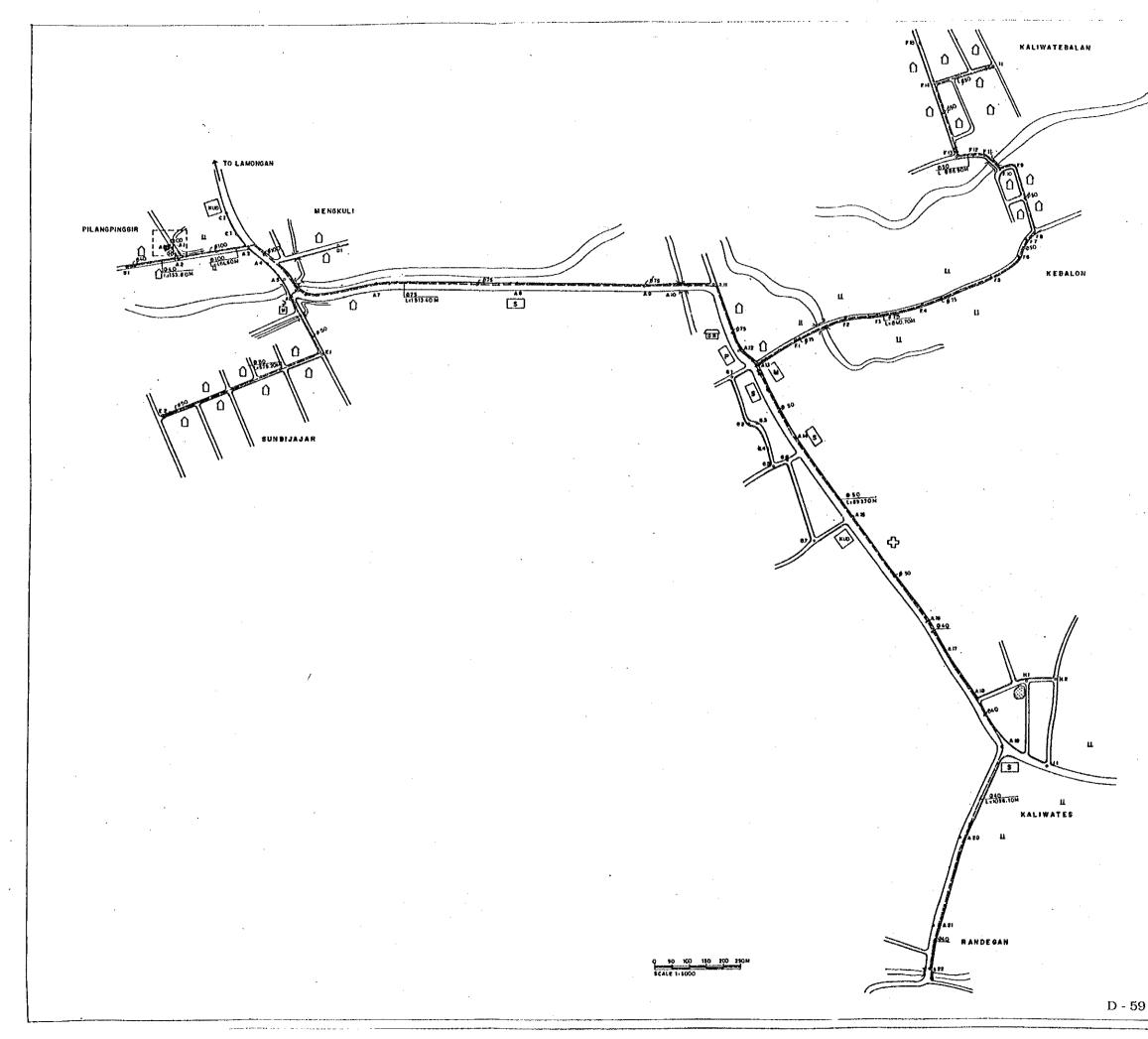






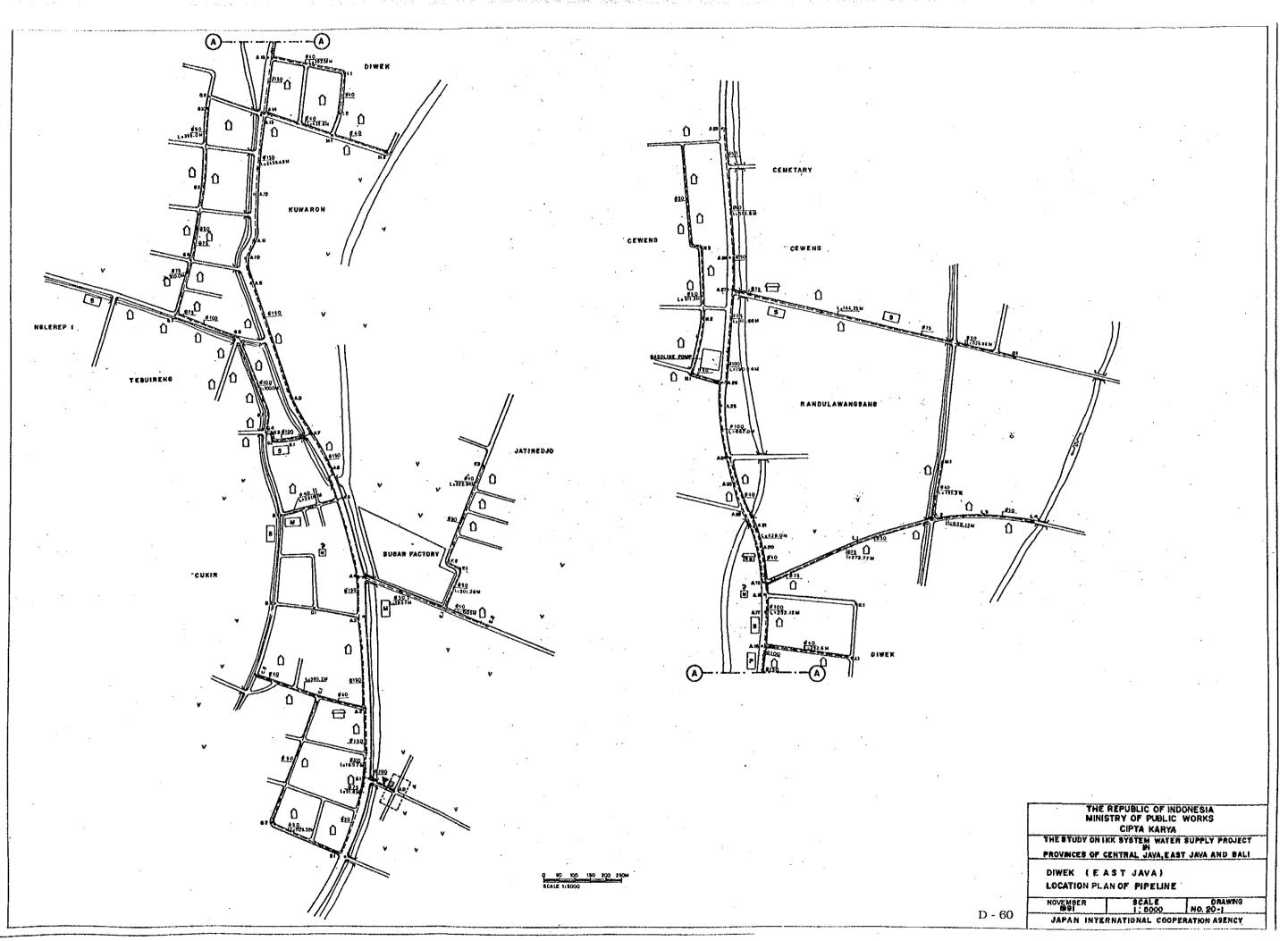
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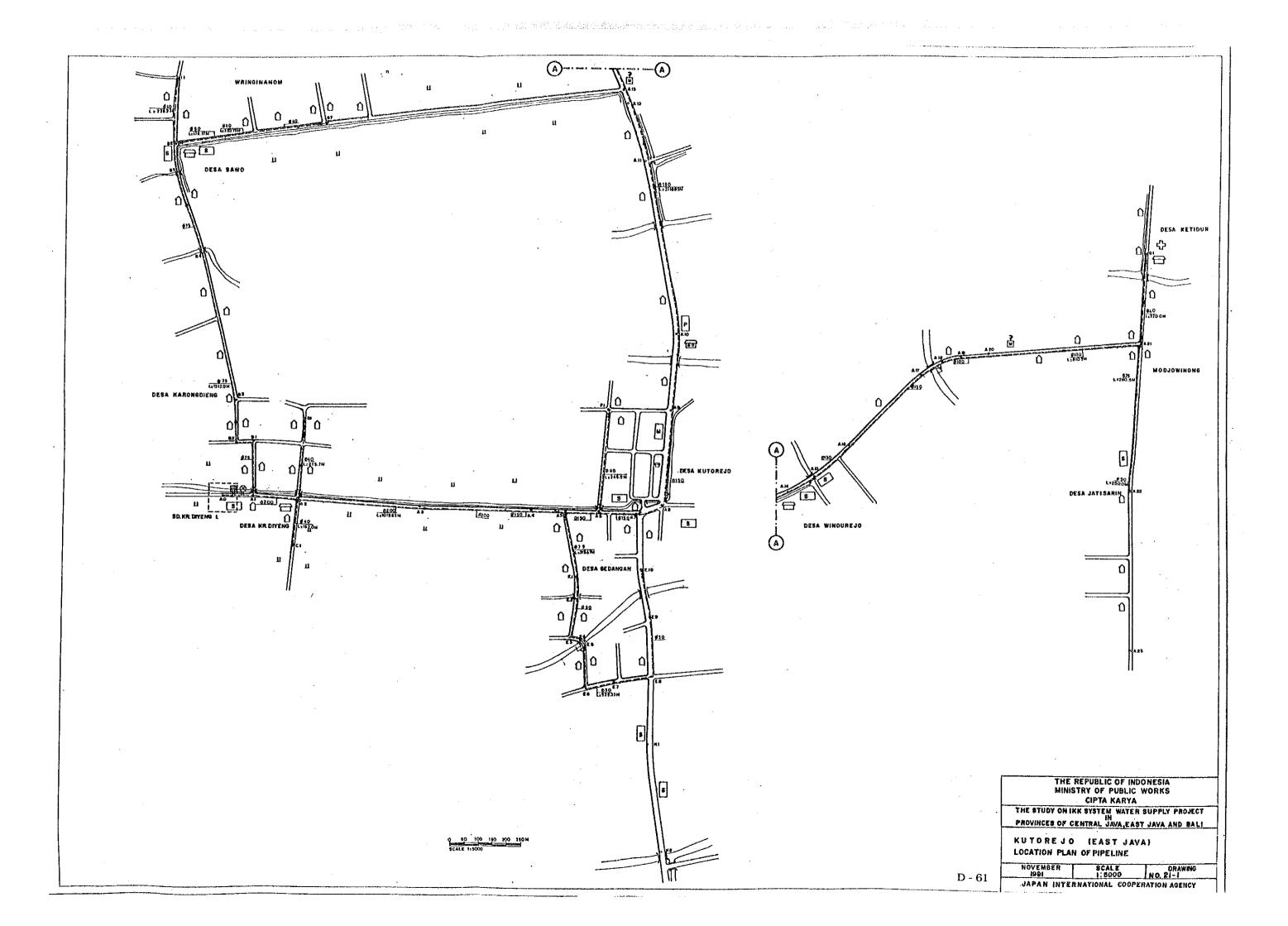


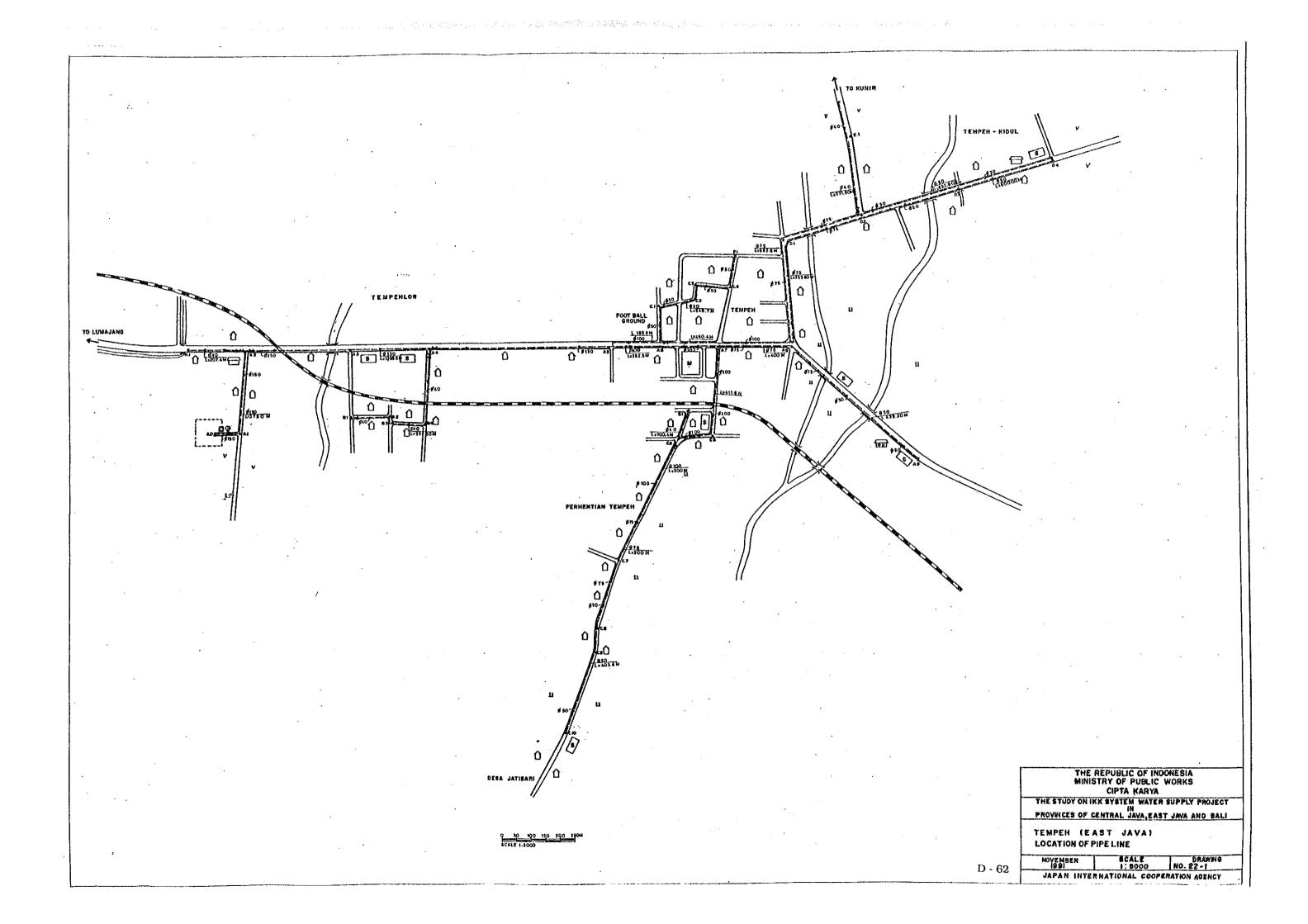


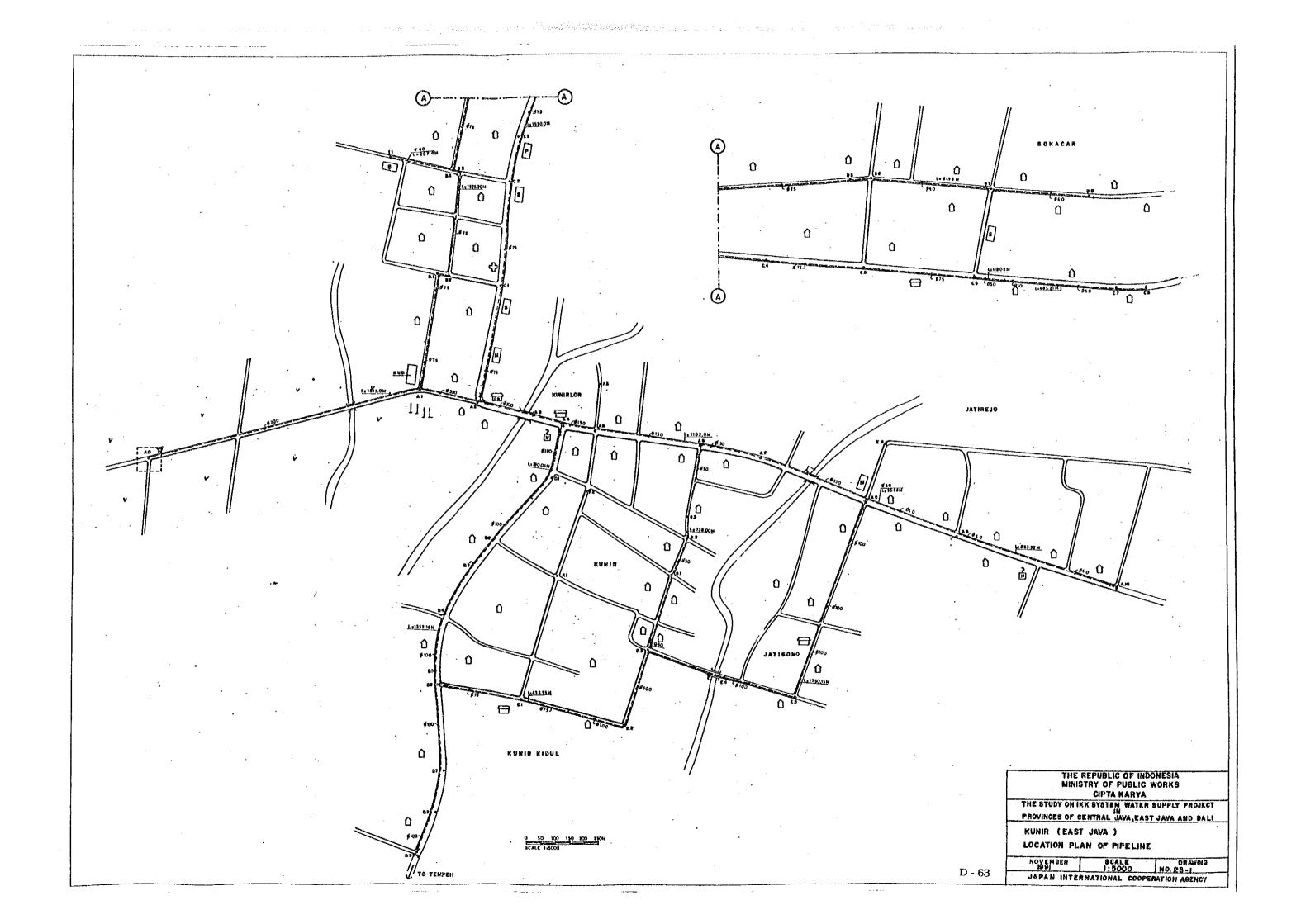
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	NOVEMBER	SCALE 1: 5000	DRAWIN9 NO.19-1	
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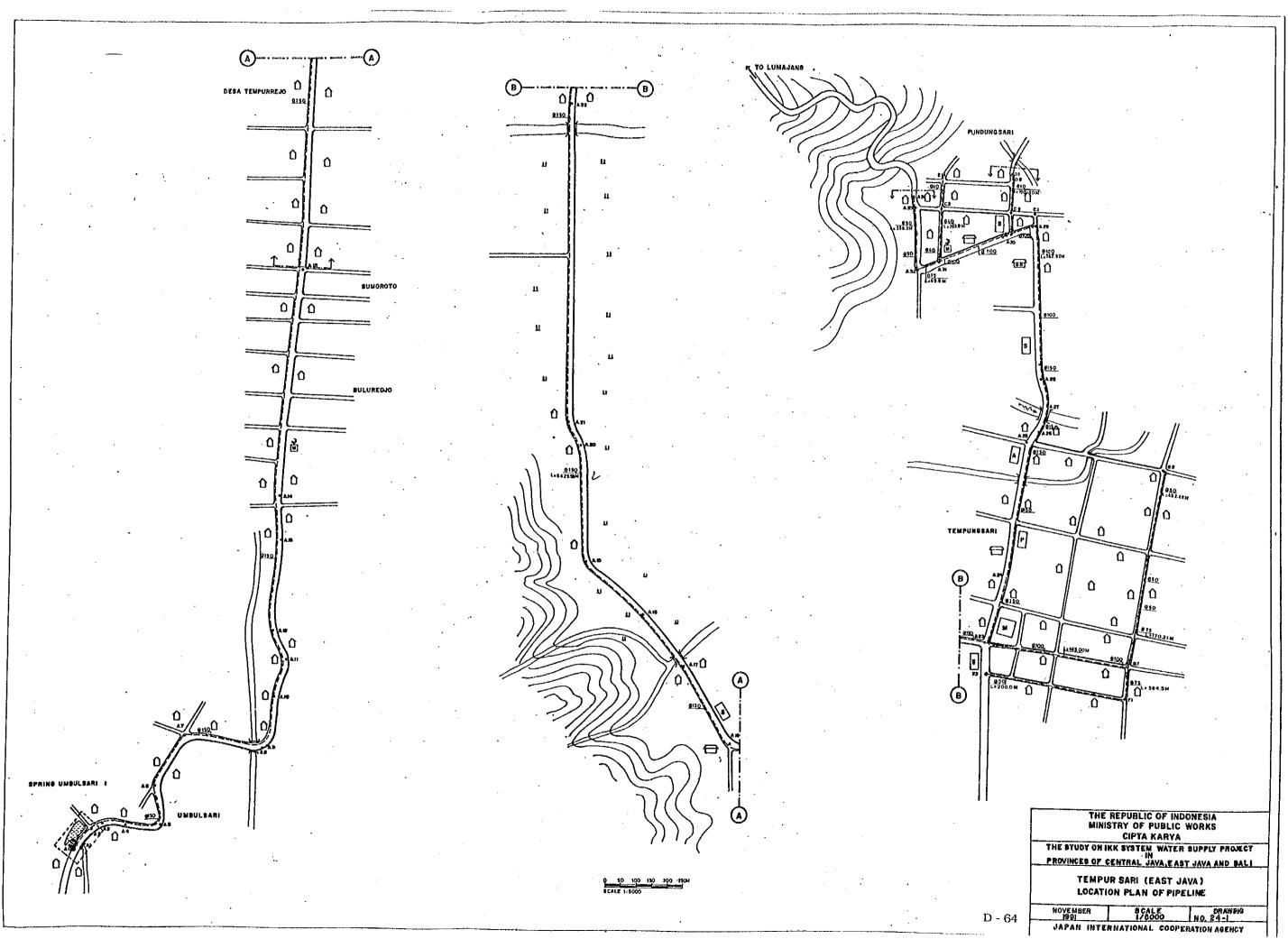


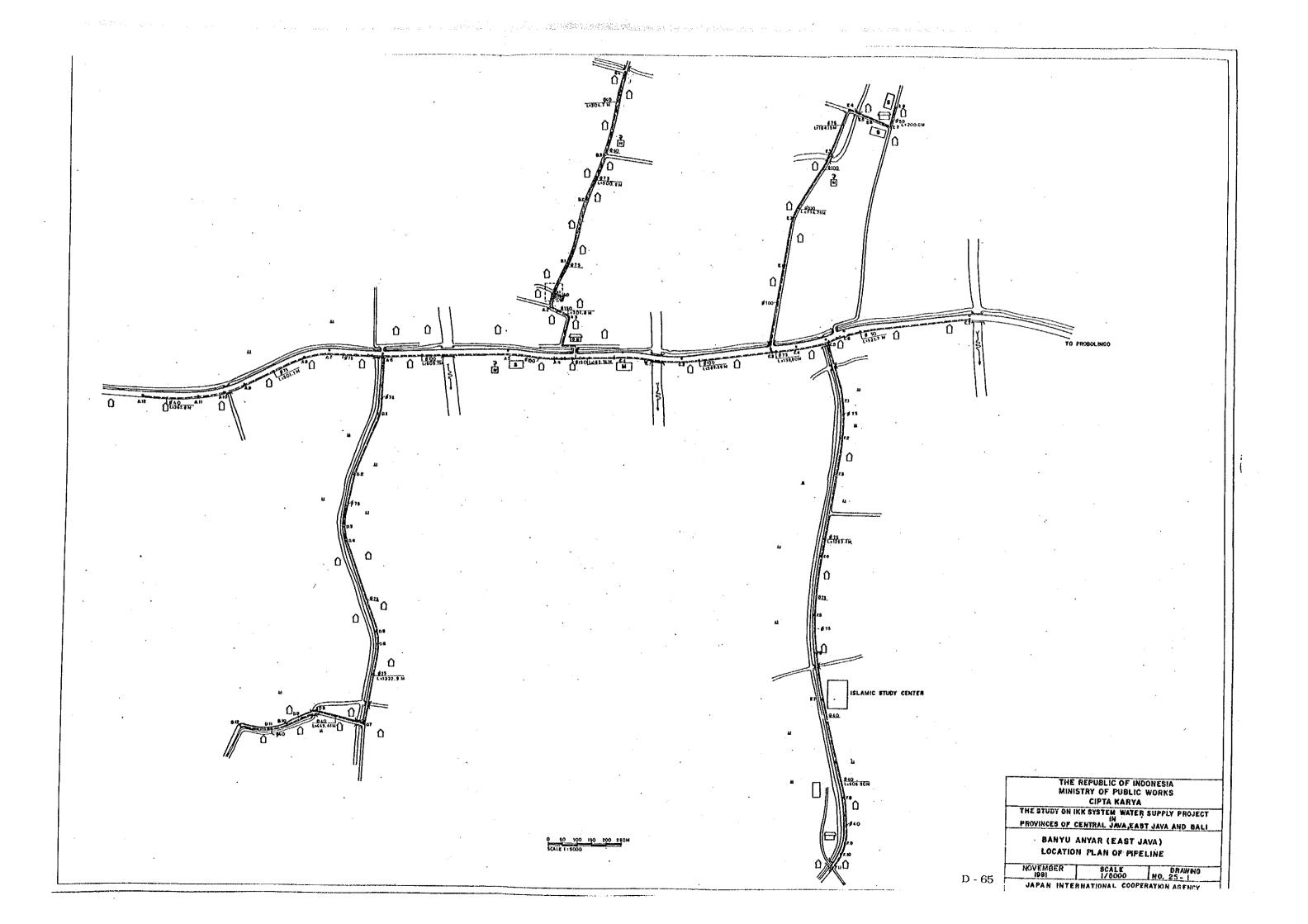


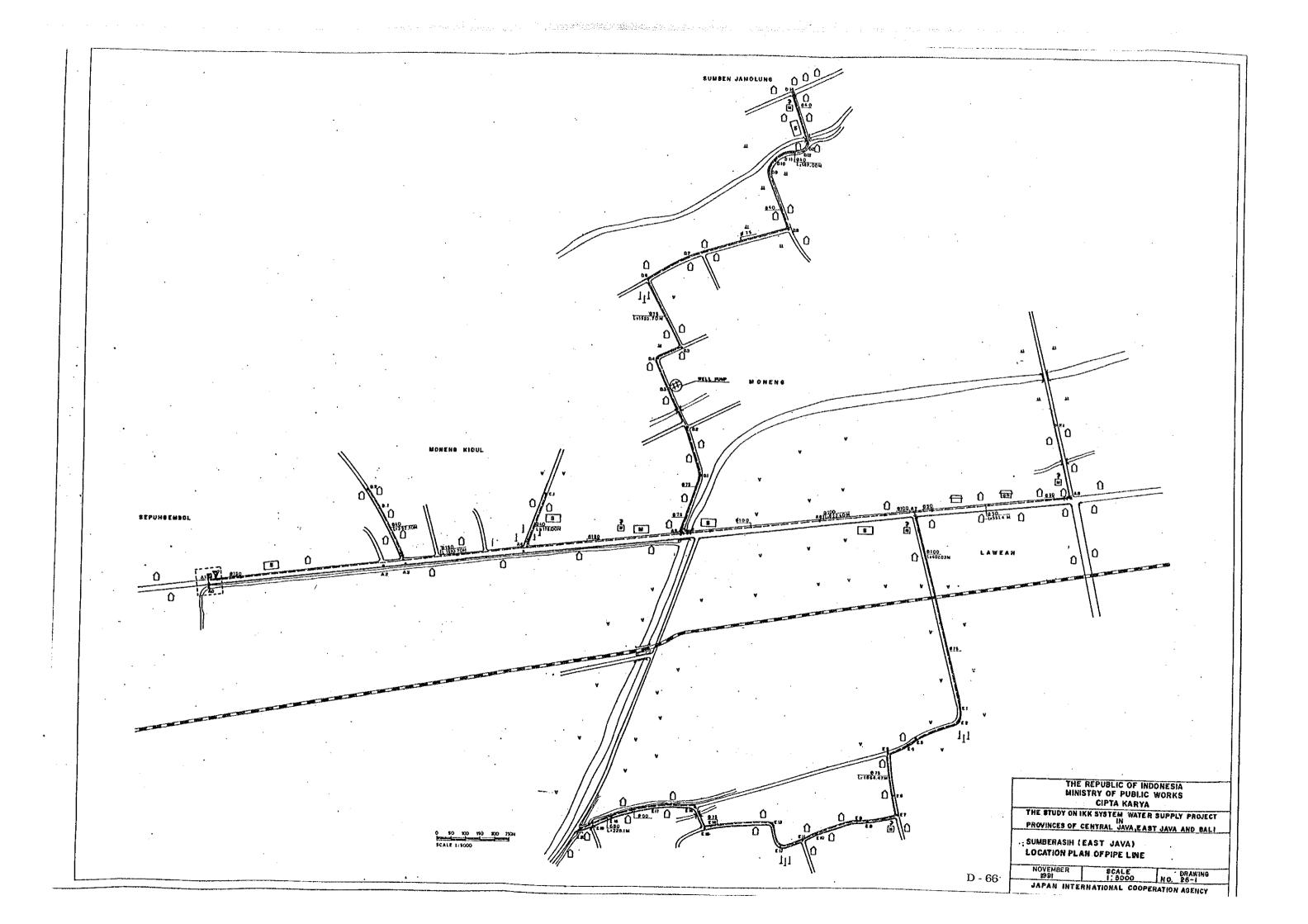


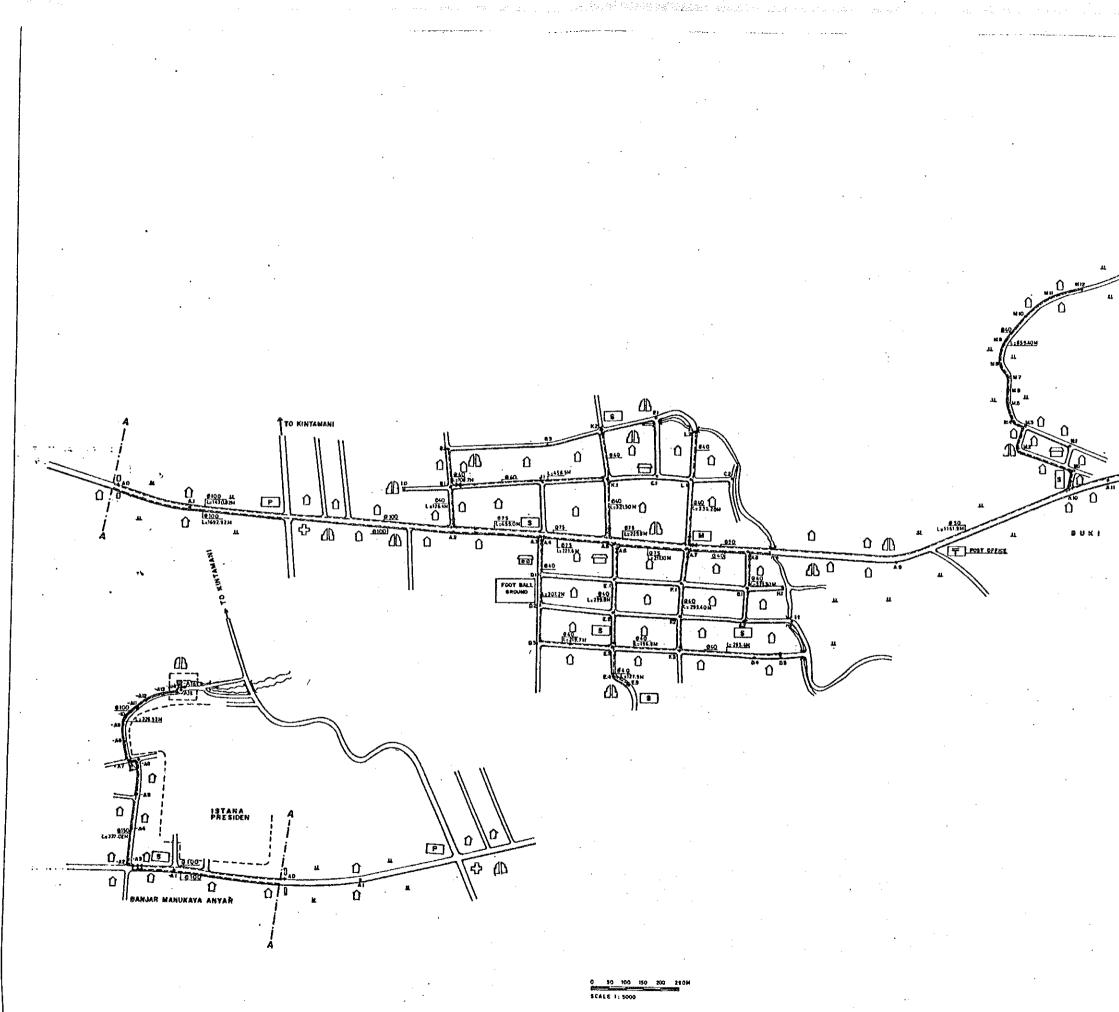










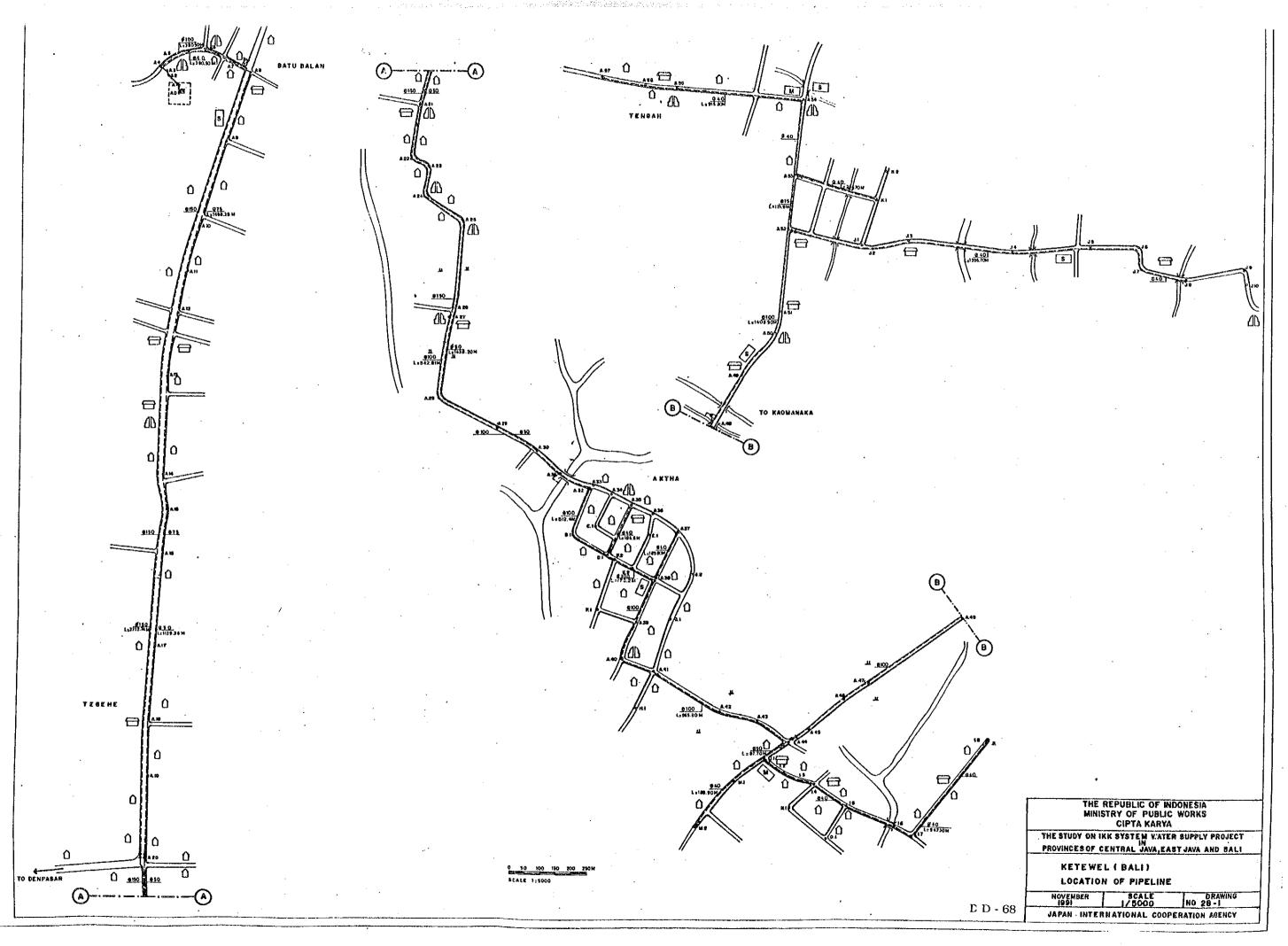


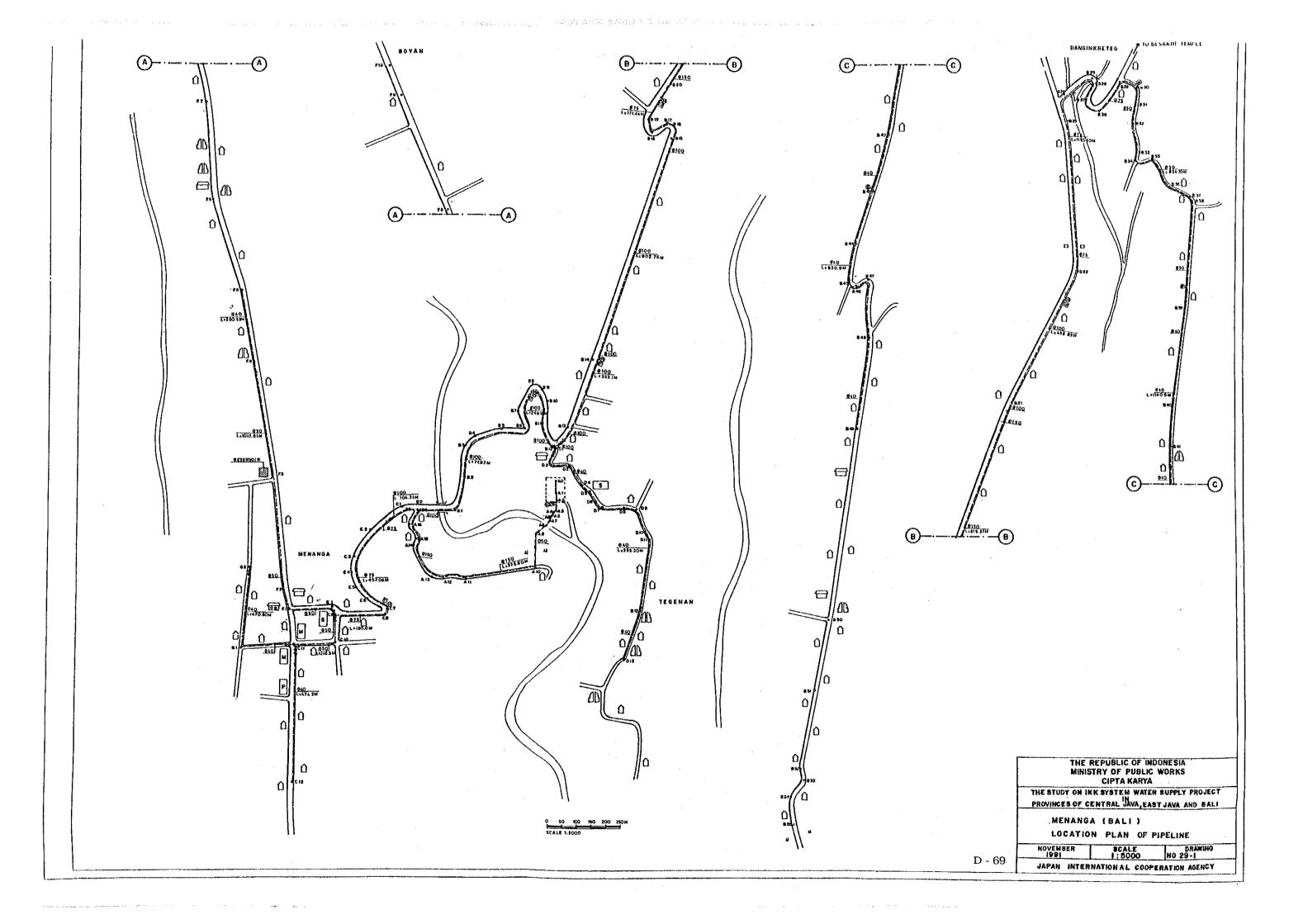
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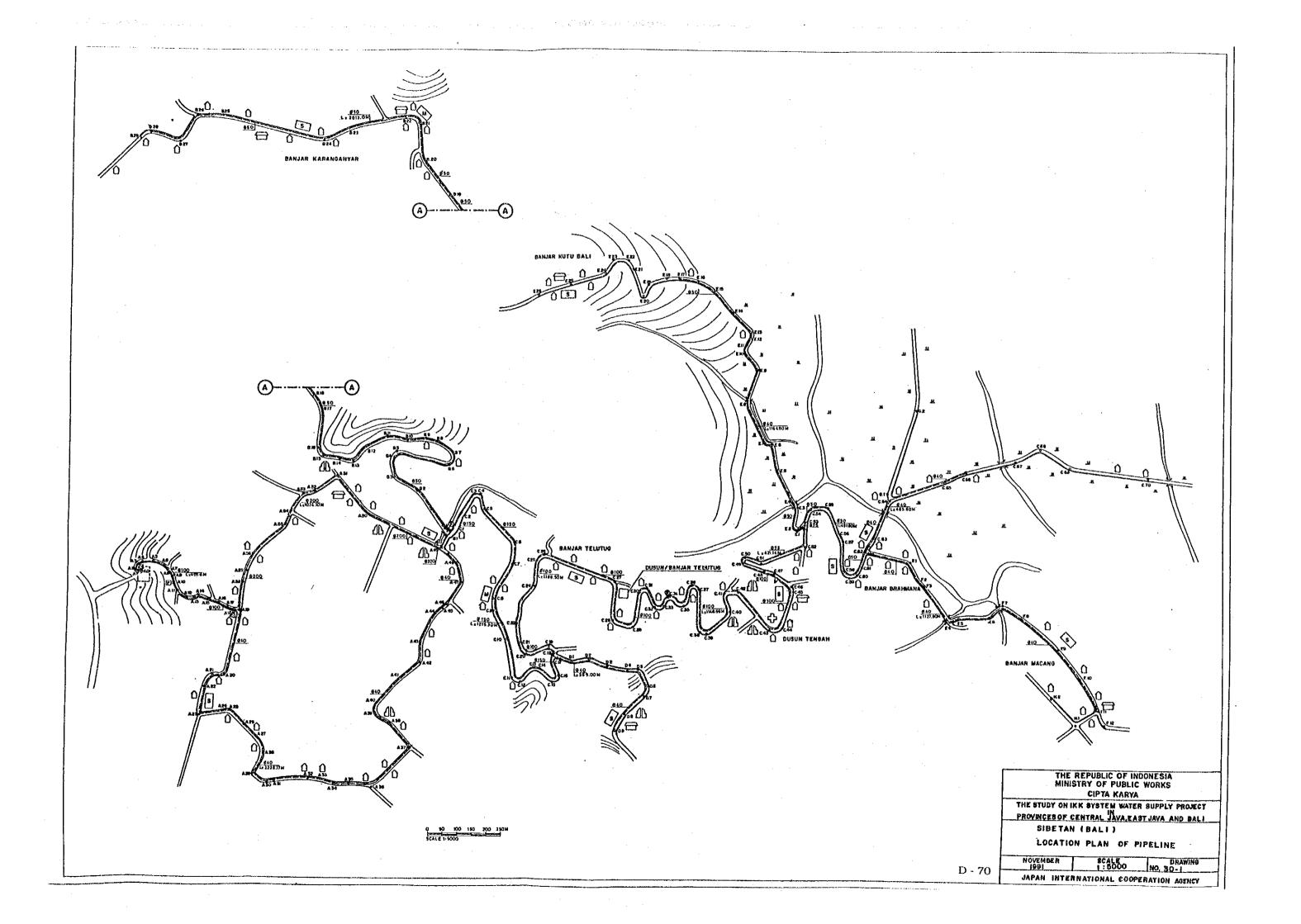
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		SCALE 1:5000	DRAWING NO.27-1 ATION AGENCY	







# SUPPORTING REPORT E

# MANAGEMENT PLAN

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# SUPPORTING REPORT E

# MANAGEMENT PLAN

(Detailed Direct Cost of 30 IKKs)

NAME CODE : 1 KABUPATEN : BREBES

.

KECAMATAN : BULAKAMBA I K K : BULAKAMBA PROVINCE : CENTRAL JAVA SERVED POPULATION: 19,100

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No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES						
1.	Connection Cost	Capacity - 1/sec	-	No	-	~
		(Labour joint)				
2.	Water Source from Spring	Capacity - 1/sec		No		
3	Deep Well	Depth 75 m	Z.	No	32,585,000	65,170,000
.4.	Shallow Well	Depth - m Capacity 15 l/sec	······	No Unit	10,500,000	21,000,000
5.	Submersible Pump	Capacity 15 l/sec Head 30 m	4	0410	10,000,000	41,000,000
6.	Main Distribution Pump	Capacity 15 1/sec	3	Unit	10,000,000	30,000,000
	(Submersible Pump)	Head 30 m				
7.	Booster Pump	Capacity - 1/sec	-	<u> Vn i t</u>	-	-
		Head – m				
8.	Pump Pit	Capacity - m3		Unit		-
9.	Emergency Genset	Capacity 60 KVA		Ünit		94,500,000
10.	Fuel Tank	Capacity 3 Ki	1	No	3,500,000	3,500,000
	Power Station from PLN	Capacity - KVA	·····	LS	-	2,460,000
12.	Chlorination	Capacity 2.7 1/hr		Unit	2,460,000	2,400,000
τ	I. CIVIL WORK					
	Break Pressure Tank	Capacity - m3	-	No	-	_
2.	Service Reservoir	Capacity 150 m3	1	No	42,063,000	
3.	Elevatied Tank	Capacity 50 m3	1	No	140,981,280	140,981,280
		Height 15 m				
4.	Hydrophore	Capacity — m3	- 1	No	. –	~
		W.P kg/cm2				
	TOTAL	ST OF FACILITIES AND	CIVII	WAD	к (т т т т)	399,674,280
		ST OF FACILITES AND	01111	HUN		333,014,000
I	II. PIPE LAYING					
1.	Piping	PVC diameter 250 mm	2,005	în -	96,064	181,653,000
		PVC diameter 200 mm	2,144	n	65,231	128,640,000
		PVC diameter 150 mm	3,256	4	42,762	128,286,400
	· · ·	PVC diameter 100 mm	3,278		21,895	66,871,200
		PVC diameter 75 mm	1,957	<u>m</u>	15,411	29,942,100
	· · ·	PVC diameter 50 mm PVC diameter 40 mm	1,021	<u>n</u>	9,641	10,056,850
ŀ		PVC diameter 40 mm GSP diameter 250 mm	322	<u>n</u>	7,715 206,076	66,364,200
	· · · ·	GSP diameter 200 mm	24	 	146,833	3,525,600
		GSP diameter 150 mm	$\frac{24}{36}$	 m	140,833	4,024,800
		GSP diameter 100 mm	34	<u>n</u>	70,838	2,410,600
		GSP diameter 75 mm	26	 m	33,114	860,600
1		GSP diameter 50 mm	7	<b>A</b>	17,955	12,600
		GSP diameter 40 mm			14,145	-
			TOTAL	COST		622,647,950
2	Public Tap		38	No	2,200,000	83,600,000
3.	House Connection		1,528	No	250,000	382,000,000
4.	Others					43,731,553
5.	Internal Transportation Fee	for Imported Materials		Natural Patrice		6,540,000
	TOTAL COST OF FACILITIES,	CIVII WODY AND DIDD I	AVINC	(т.	. 11 + 111 )	1 698 109 709
	TOTAL COST OF FACILITIES,	VITE WORK AND FIFE I	arino '		11 * 111 /	1,538,193,783

NAME CODE :  $\mathbf{2}$ ZILACAP JERUKLEGI JERUKLEGI KABUPATEN : KECAMATAN :

IKK :

PROVINCE : CENTRAL JAVA

SERVED POPULATION:

		فالاخاذ المتحالة الخاط المتحجر وعروم	-		The second s	
No. FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE	
				(Rupiah)	(Rupiah)	
I. FACILITIES				10.050.000		
1. Connection Cost	Capacity 21 1/sec		No	13,650,000	13,650,000	
2 Watan Cart	(Labour joint)	<b></b>				
2. Water Source from Spring 3. Deep Well	Capacity - 1/sec	·····	No No		_	
3. Deep Well 4. Shallow Well	Depth — m	-	NO No			
5. Submersible Pump	Depth — m Capacity — 1/sec		Unit		·····	
	llead – m		0410			
6. Main Distribution Pump	Capacity 15 1/sec	3	<u>Uni</u> t	13,000,000	39,000,000	
(Submersible Pump)	Head 60 m	Ť				
7. Booster Pump	Capacity - l/sec		Ûn i t			
	Head — m					
8. Pump Pit	Capacity - m3		Ûnit	-	_	
9. Emergency Genset	Capacity 80 KVA		Ûnit	54,000,000		
10. Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000	
11. Power Station from PLN	Capacity - KVA	-	LS	-		
2. Chlorination	Capacity - 1/hr		Unit	-		
II. CIVIL WORK 1. Break Pressure Tank	Capacity - m3	······	11 E			
2. Service Reservoir	Capacity - m3 Capacity 200 m3		No No	55,691,057	55,691,057	
3. Elevatied Tank	Capacity - m3	·····_	No	00,001,007	55,091,057	
	lleight - m		10		_	
4. llydrophore	Capacity 9 m3		No	24,255,000	24,255,000	
	W.P. 6 kg/cm2	1		24,200,000	64,600,000	
TOTAL.	COST OF FACILITIES AND	CIVIL	WOR	((l+II)	244,096,057	
III. PIPE LAYIN	IG					
1. Piping	PVC diameter 250 mm		m	96,064		
	PVC diameter 200 mm	1,481	- <u></u>	65,231	96,607,111	
	PVC diameter 150 mm	5,416	- <u></u>  -	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	6,114	m	9,641	58,945,074	
	PVC diameter 40 mm	3,802	m	7,715	29,332,430	
	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	. <u>m</u>	70,838	3,541,900	
	GSP diameter 75 mm GSP diameter 50 mm	50	<u>n</u>	33,114	1,655,700	
	GSP diameter 50 mm	67		17,955	1,202,985	
			<u>1001</u>	14,145	594,090	
. Public Tap	- · L		COST No	OF PIPING	599,410,498	
House Connection		**********	No	2,200,000	121,000,000	
. Others		1,000		250,000	321,500,000	
Internal Transportation Fee	•	41,519,006 4,515,000				
	I Internal itanapos caeron roo ioi importet Materials					
TOTAL COST OF FACILITIES	CTULL BOBY (ND DIDE TA	VINC /			· · · · · ·	
TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + 111) 1,332,0						

NAME CODE : 3 KABUPATEN : PURWOREJO KECAMATAN : KEMIRI IKK : KEMIRI

PROVINCE : CENTRAL JAVA

SERVED POPULATION:

No	. FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)	
Т	I. FACILITIES						
1.	Water Facility	Capacity 18 1/sec	1	No	184,100,000	184,100,000	
2.	Water Source from Spring	Capacity - 1/sec		No			
3.	Deep Well	Depth — m		No			
4.	Shallow Well	Depth 40 m	3	No	24,990,000		
5.	Submersible Pump	Capacity 10 1/sec Head 30 m	3	Unit	9,250,000	27,750,000	
6.	Main Distribution Pump	Capacity 10 l/sec	3	Ũnit	11,500,000	34,500,000	
	(Submersible Pump)	Head 60 m					
7.	Booster Pump	Capacity — l/sec Head — m		Ùnit	-		
8.	Pump Pit	Capacity 1.5 m3		Unit	7,250,000		
9.	Emergency Genset	Capacity 80 KVA		Un i t	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	-		
2.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000	
	I. 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.	llydrophore	Capacity 9 m3	1	No	24,255,000	24,255,000	
		W.P. 6 kg/cm2					
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WORE	((I+II)	510,305,854	
I	II. PIPE LAYING				ĨŢġĊĨĊĊĸĸĸŢŊĸĸĸĸĸĸĸĸĸĸĸĸĸĸĬĊĬĊĬĬĸĸĸĸĸŎŎŎĬĬĸĸĸĸĸŎŎŎĬĬ		
1.	Piping	PVC diameter 250 mm	- 1	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	៣	21,895	40,177,325	
		PVC diameter 75 mm	3,296	n	15,411	50,794,656	
		PVC diameter 50 mm	4,494	W	9,641	43,326,654	
		PVC diameter 40 mm	424	m	7,715	3,271,160	
		GSP diameter 250 mm		D .	206,076	—	
		GSP diameter 200 mm	100	te .	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 GSP diameter 50 mm	39	m	33,114	1,291,446	
·			47	.m	17,955	843,885	
			11 Fotal (	8 7207	14,145	155,595	
2.	Public Tap		30	COST No	OF PIPING	235,167,281	
3	House Connection				2,200,000	66,000,000	
4.	Others		1,105	No	250,000	297,250,000	
5.	Internal Transportation Fee 1	or Imported Materials				33,681,606	
		vi importoù materials				5,895,000	
	TOTAL COST OF FACILITIES,	1,148,299,741					

NAME CODE : 4 KABUPATEN :

IKK

BANJARNEGARA MADUKARA KECAMATAN :

MADUKARA .

PROVINCE : CENTRAL JAVA

SERVED POPULATION:

promotion				-	The second s		
No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE	
		5. 2011 - 011 - 011	~	· ··· ·	(Rupiah)	(Rupiah)	
I			······	. <del></del>	110 700 000	110,700,000	
	Water Facility	Capacity 8 1/sec		No	110,700,000	110,700,000	
2.	Water Source from Spring	Capacity 10 1/sec	1	No	7,500,000	7,500,000	
3.	Deep Well	lDenth – m		No	-	-	
4.	Shallow Well	Depth - m		No			
5.	Submersible Pump	Capacity - 1/sec		Unit			
		Head — m					
6.	Main Distribution Pump	Capacity 5 1/sec	3	Unit	9,000,000	27,000,000	
7.	(Submersible Pump) Booster Pump	Head 80 m Capacity 5 1/sec		Unit	8,500,000	25,500,000	
1.	booster rump	Head 60 m	. Đ		0,000,000	20,000,000	
8.	Pump Pit	Capacity 6 m3		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		No	3,500,000	3,500,000	
<u>11.</u>	Power Station from PLN	Capacity - KVA		LS	-		
12.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000	
τ	I. CIVIL WORK						
1	Break Pressure Tank	Capacity 6 m3	2	No	16,100,000	32,200,000	
2.	Service Reservoir	Capacity 60 m3	·····"	No	17,548,403	17,548,403	
3.	Elevatied Tank	Capacity 20 m3	î	No	66,615,489	66,615,489	
		Height 15 m				00,010,100	
4.	Hydrophore	Capacity - m3		No			
		W.P kg/cm2					
	τοτάι. CO	ST OF FACILITIES AND	CIVII	WORK	(I+II)	473,103,892	
						410,100,004	
Ι	II. PIPE LAYING						
1.	Piping	PVC diameter 250 mm	-	n	96,064	-	
		PVC diameter 200 mm		m	65,231	-	
		PVC diameter 150 mm			42,762	530,248,800	
		PVC diameter 100 mm PVC diameter 75 mm		<u>m</u>	21,895	7,816,515	
		PVC diameter 75 mm PVC diameter 50 mm		<u>m</u>	15,411	29,388,777	
		PVC diameter 40 mm	0101	M 	9,641	16,534,315	
		GSP diameter 250 mm		m m	7,715 206,076	5,007,035	
	ł	GSP diameter 200 mm		m	146,833		
	E E	GSP diameter 150 mm	············	m l.	111,745	19,778,865	
		GSP diameter 100 mm		m	70,838	283,352	
		GSP diameter 75 mm	21	10	33,114	695,394	
		GSP diameter 50 mm	19	m	17,955	341,145	
		GSP diameter 40 mm		m	14,145	99,015	
		<u> </u>		OST	OF PIPING	610,193,213	
	Public Tap			No	2,200,000	48,400,000	
	louse Connection		512	No	250,000	128,000,000	
	)thers Internal Transportation Fee f	on Imported Material-	•			41,121,355	
	internal fransportation ree f	or imported materials				3,563,000	
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE IA	YING (	I + 1		1 004 004 100	
		$\mathbf{F}$				1,304,381,460	

NAME CODE : **5** Kabupaten : Banjarnegara Kecamatan : Punggelan I K K : Punggelan

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PROVINCE : CENTRAL JAVA

SERVED POPULATION:

No.	FACILITIES	SPECIFICATION	QŤY.	רואט	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I	. FACILITIES	•				
1.	Connection Cost	Capacity - 1/sec	T - T	No	-	
		(Labour joint)				
2.	Water Source from Spring	Capacity 35 1/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	Capacity 5 1/sec	3	Unit	9,000,000	27,000,000
• • • • • •	(Submersible Pump)	llead 80 m				
7.	Booster Pump	Capacity 5 1/sec	3	Unit	8,500,000	25,500,000
8.	Pump Pit	llead 60 m		L		
<u>9</u> .	Emergency Genset	Capacity 6 m3		Unit		17,080,000
i <b>0.</b>	Fuel Tank	Capacity 80 KVA Capacity 3 KI		Unit		108,000,000
11.	Power Station from PLN	Capacity 3 KI Capacity - KVA	[ <u>]</u>	No	3,500,000	3,500,000
2.	Chlorination	Capacity 2.7 1/hr		LS Unit		-
					2,460,000	2,460,000
Ι	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity 6 m3	5	No	16,100,000	80,500,000
2.	Service Reservoir	Capacity 20 m3	ii	No	11,698,935	11,698,935
3.	Elevatied Tank	Capacity - m3	-	No		
	·	Height m				
4.	Hydrophore	Capacity - m3	-	No		
		W.P kg/cm2				
	TOTAL CO	ST OF FACILITIES AND	CTUTT'	mon		
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WOK.	<u>K (I + II)</u>	298,488,935
I	II. PIPE LAYING	T · · ·				
1.	Piping	PVC diameter 250 mm		m	96,064	
		PVC diameter 200 mm			65,231	
1		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	764	m	9,641	7,365,724
		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	78	_ <u>m</u>	70,838	5,525,364
	·	GSP diameter 75 mm	42	. <u>m</u>	33,114	1,390,788
		GSP diameter 50 mm GSP diameter 40 mm	8	- <u>m</u>	17,955	143,640
			<u>  3</u>   10TAL		<u>14,145</u>	42,435
2	Public Tap		19	COST	OF PIPING	230,898,274
3	House Connection		452	No No	2,200,000	41,800,000
4.	Others		404	. <u>no</u> .].	250,000	113,000,000
5.	Internal Transportation Fee	for Imported Materials		••••		24,549,282
						4,892,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE LA	YING (	ł +	$\Pi + \Pi I$	713,628,491

NAME CODE : 6

KABUPATEN : KEBUMEN

KECAMATAN : KARANGGAYAM

I K K : KARANGGAYAM

PROVINCE : CENTRAL JAVA

SERVED POPULATION:

No.	FACILITIES	SPECIFICATION	QTY.	דואט	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I	. FACILITIES				12	
1.	Connection Cost	Capacity 6 1/sec (Labour joint)	1	No	4,500,000	4,500,000
2.	Water Source from Spring	.Capacity - 1/sec		No		_
3.	Deep Well	Depth - m	_	No		-
4.	Shallow Well	Depth — m		No		
5.	Submersible Pump	Capacity - 1/sec	-	Unit	-	<del></del>
		Head — m				
6.	Main Distribution Pump	Capacity 5 1/sec	3	Únit	9,000,000	27,000,000
	(Submersible Pump)	llead 80 m				
7.	Booster Pump	Capacity - 1/sec Nead - m	-	Unit	-	·
8.	Pump Pit	Capacity - m3		Ünit		_
9.	Emergency Genset	Capacity 60 KVA		Ünit	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 - 1/hr	-	Ūnit	-	-
	I. CIVIL WORK	0			· · · · · · · · · · · · · · · · · · ·	
$\frac{1}{2}$ .	Break Pressure Tank Service Reservoir	Capacity — m3 Capacity 80 m3	-	No		-
$\frac{2}{3}$	Elevatied Tank	Capacity 80 m3 Capacity - m3	1	No No	23,079,404	23,079,404
υ.		Height - m	-	no	-	-
4.	Hydrophore	Capacity 5 m3	1	No	13,475,000	13,475,000
		W.P. 8 kg/cm2			10,10,000	10,110,000
	TOTAL CO	ST OF FACILITIES AND	C1V11	WOR	((1+11))	166,054,404
т	II. PIPE LAYING		01116	HONI		100,004,404
1.1	Piping	PVC diameter 250 mm	-	m	96,064	
		PVC diameter 200 mm		- <u>'''</u>	65,231	
			4,840		42,762	206,968,080
		PVC diameter 100 mm	424		21,895	9,283,480
		PVC diameter 75 mm	2,106	ß	15,411	32,455,566
	Ĩ	PVC diameter 50 mm	1,323	m	9,641	12,755,043
		PVC diameter 40 mm	715	m	7,715	5,516,225
		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	<u>m</u>	70,838	354,190
		GSP diameter 75 mm	23	m	33,114	761,622
		GSP diameter 50 mm GSP diameter 40 mm	15	<u>m</u>	17,955	269,325
			OTAL (		14,145	113,160
2.   1	Public Tap	I		No	OF PIPING 2,200,000	274,399,176
	House Connection		344			33,000,000
	)thers				250,000	86,000,000
	Internal Transportation Fee f	or Imported Materials				22,931,541 4,477,000
						4,411,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE LA	YING (	[ +	11 + 111 )	586,862,121

NAME CODE : 7 KABUPATEN : KEBUMEN KECAMATAN : PETANAHAN L K K IKK

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: PETANAHAN PROVINCE : CENTRAL JAVA SERVED POPULATION: 8,420

		INDVINCE · CENIRAL JAY			ED FOFULATION.	8,420
No.	FACILITIES	SPECIFICATION	QTY.	דואט	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I	. FACILITIES	· · ·				
1.	Connection Cost	Capacity - 1/sec	-	No		
· ·		(Labour joint)				
2.	Water Source from Spring	Capacity - 1/sec	-	No		
3.	Deep Well	Depth - m	······	No	-	-
4. 5.	Shallow Well Submersible Pump	Depth 60 m Capacity 10 l/sec	<u> </u>	No Unit	36,660,000 9,250,000	
· · ·		llead 30 m	1 I	ULLI	3,430,000	9,250,000
6.	Main Distribution Pump	Capacity 5 1/sec	3	Unit	8,000,000	24,000,000
	(Submersible Pump)	Head 30 m	•		.,,	
7.	Booster Pump	Capacity - 1/sec		Ûnit		
	D	Head — m				••••••
8. 9.	Pump Pit Emergency Genset	Capacity — m3		Unit	-	-
10.	Fuel Tank	Capacity 40 KVA Capacity 2 KI	6	Ûnit No	33,000,000	66,000,000
<u>ii.</u>	Power Station from PLN	Capacity - KVA		LS	2,500,000	2,500,000
12.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
		n (f. The description of the second				
I	I. CIVIL WORK					
<u>.</u> 	Break Pressure Tank	Capacity - m3	-	No		
2.	Service Reservoir Elevatied Tank	Capacity 60 m3		No	17,548,403	17,548,403
J.		Capacity 20 m3 Height 15 m	1	No	66,615,489	66,615,489
4.	Hydrophore	Capacity - m3	_	No		
		W.P kg/cm2				
	τοταί. Co	ST OF FACILITIES AND	CIVII.	WOR	K (I + II )	225,033,892
т	II. PIPE LAYING	•				
1.	Piping	Y PVC diameter 250 mm	1	ta	96,064	
		PVC diameter 200 mm		ш. Га	65,231	
		PVC diameter 150 mm	1,453	 Т	42,762	62,133,186
		PVC diameter 100 mm	704	m	21,895	15,414,080
		PVC diameter 75 mm	1,248	m	15,411	19,232,928
		PVC diameter 50 mm	2,368	m	9,641	22,829,888
	•	PVC diameter 40 mm	2,484	61	7,715	19,164,060
		GSP diameter 250 mm GSP diameter 200 mm		<u>m</u>	206,076	
		GSP diameter 150 mm	116		146,833 111,745	-
	· · · · · · · · · · · · · · · · · · ·	GSP diameter 100 mm		-нс ТЛ	70,838	12,962,420 566,704
		GSP diameter 75 mm	16	TO .	33,114	529,824
		GSP diameter 50 mm	24	m	17,955	430,920
		GSP diameter 40 mm	27	m	14,145	381,915
	Dublis Tor			COST	OF PIPING	153,645,925
2.	Public Tap House Connection		25	No	2,200,000	55,000,000
4	Others		589	No	250,000	147,250,000
5	Internal Transportation Fee	for Imported Materials			-*	19,729,136 3,752,000
- <del>استخبر</del>					· · · ·	0,104,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE LA	<u>AYING (</u>	[ +	11 + 111 )	604,410,953

E-7

NAME CODE : **8** KABUPATEN : KENDAL KECAMATAN : SUKOREJO I K K : SUKOREJO

PROVINCE : CENTRAL JAVA

A SERVED POPULATION:

ION: 15,010

No. FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES					
1. Connection Cost	Capacity - 1/sec		No		
	(Labour joint)			•	
2. Water Source from Spri	ng Capacity 20 1/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 - 1/sec	-	Ŭnit	-	-
6. Main Distribution Pump	Head - m Capacity - 1/sec		11-1-1		
(Submersible Pump)	Head - m		Unit	_	
7. Booster Pump	Capacity - 1/sec		<u>Un i t</u>		
	Head - m				
8. Pump Pit	Capacity - m3	-	Unit	-	
9. Emergency Genset	Capacity - KVA		Únit		
10.   Fuel Tank	Capacity - KI	-	No	-	_
11. Power Station from PLN	Capacity - KVA	-	LS	-	
12. Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
II. CIVIL WOR	K				
1. Break Pressure Tank	Capacity 10 m3	2	No	26 500 000	60.000
2. Service Reservoir	Capacity 40 m3		No	26,500,000 13,950,000	53,000,000 13,950,000
3. Elevatied Tank	Capacity - m3	····	No	13,300,000	13,990,000
	Height - m				-
4. Hydrophore	Capacity - m3		No		
	W.P kg/cm2				
					· · · · · · · · · · · · · · · · · · ·
TOT	AL COST OF FACILITIES AND	CIVII.	WORK	(I + II)	108,410,000
III. PIPE LAY	T NC				
I. Piping	PVC diameter 250 mm				
		a	m	96,064	
	PVC diameter 150 mm	666	<u>B</u>	65,231	877,617,874
-		777825211	<u>m</u> m	42,762 21,895	35,535,222
	PVC diameter 75 mm		m [	15,411	29,667,725 7,489,746
		22-2-2-4-	m	9,641	19,870,101
	PVC diameter 40 mm	1 0001	m (	7,715	12,598,595
	GSP diameter 250 mm		m	206,076	
	GSP diameter 200 mm	146	•	146,833	21,437,618
	GSP diameter 150 mm	Ŷ.	m	111,745	1,005,705
	GSP diameter 100 mm		m 📔	70,838	1,062,570
	GSP diameter 75 mm		m	33,114	298,026
	GSP diameter 50 mm		m	17,955	341,145
	GSP diameter 40 mm		<u>m</u>	14,145	254,610
. Public Tap	I		OST	OF PIPING	1,007,178,937
. House Connection		********	No	2,200,000	99,000,000
Others		,001 ] [	Vo I	250,000	262,750,000
	Fee for Imported Materials				41,890,768
					4,500,000
TOTAL COST OF FACILIT	IES, CIVIL WORK AND PIPE LAY	ING ( )	[ + ]	$I + III \rightarrow I$	1 523 720 705
$\frac{101 \text{ KL } \cos 3 \text{ OI } 1 \text{ ACT IT LS}, \text{ CITE WORK AND FIFE LATING (1 + 11 + 111) } 1,523,729,705}{\text{E}-8}$					

NAME CODE	:	9
KABUPATEN		BLORA
KECAMATAN	:	JEPON
IKK		JEPON

and the second second

PROVINCE : CENTRAL JAVA

SERVED POPULATION: 14,650

2.         Water Source from Spring         Capacity         -         1/sec         -         No         -           3.         Deep Wall         Depth         160 m         4         No         50.979.000         203.316,           4.         Shallow Well         Depth         -         m         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td< th=""><th>No.</th><th>FACILITIES</th><th>SPECIFICATION</th><th>QTY.</th><th>UNIT</th><th>UNIT PRICE (Rupiab)</th><th>TOTAL PRICE (Rupiah)</th></td<>	No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiab)	TOTAL PRICE (Rupiah)
2.         Mater Source from Spring         Capacity         -         1/sec         -         No         -           3.         Deep Well         Depth         166 m         4         No         50.979.000         203.816.           4.         Shallow Well         Depth         -         m         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td< td=""><td>I</td><td>. FACILITIES</td><td>-</td><td></td><td></td><td></td><td></td></td<>	I	. FACILITIES	-				
3. Deep Well       Depth       150 m       4       No       50.379.000       203.916.         4. Shallow Well       Depth       m       m       No       -       No       -       -       -       -       -       -       -       -       No       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	1.	Water Facility	Capacity 18 1/sec	1	No	184,100,000	184,100,00
3. Deep Well       Depth       150       4       No.       50, 59,000       203,916,         4. Shallow Well       Depth       n       No.       No.       50, 750,000       35,000,         6. Main Distribution Pump       Capacity       51/sec       4       Unit       8,750,000       35,000,         7. Booster Pump       Read       -       m       -       -       -       -         8. Pump Pit       Capacity       -       1/sec       -       Unit       -       -         8. Pump Pit       Capacity       -       Mad       -       -       -       -       -       -         9. Emergency Genset       Capacity       2 KI       No       2,500,000       2,500,000       2,500,000       2,500,000       2,500,000       2,500,000       2,600,000       2,600,000       2,600,000       2,600,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000       2,460,000		Water Source from Spring	Capacity - 1/sec	-	No		
n.         Sharlow Heil         Depth         n         n         no	3.	Deep Well	Depth 150 m	4		50,979,000	203,916,00
Bead         40 m         Issue           6.         Main Distribution Pump         Capacity         1/sec         -         Unit         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -			Depth m	-		-	-
6.         Main Distribution Pump (Submorsible Pump)         Capacity Head         -         0.11         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	5.	Submersible Pump		4	Unit	8,750,000	35,000,00
7.       Booster Pump       Capacity - 1/sec - m       Unit       -       -       -         8.       Pump Pit       Capacity - m3       -       Unit       33.000,000       68.000,         9.       Emergency Genset       Capacity - WA       2       Unit       33.000,000       68.000,         10.       Fuel Tank       Capacity - KVA       -       LS       -       -         2.       Chlorination       Capacity - KVA       -       LS       -       -         2.       Chlorination       Capacity - KVA       -       LS       -       -       -         3.       Elevatic Reservoir       Capacity 10 m3       2       No       26,500,000       53,000,70,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854       50,770,854 <t< td=""><td>6.</td><td>Main Distribution Pump</td><td>Capacity - 1/sec</td><td></td><td>Ūnit</td><td>-</td><td></td></t<>	6.	Main Distribution Pump	Capacity - 1/sec		Ūnit	-	
Nead         -         n           8.         Pump Pit         Gapacity         -         0.1 it         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td></td> <td>(Submersible Pump)</td> <td>Head — m</td> <td></td> <td></td> <td></td> <td></td>		(Submersible Pump)	Head — m				
8.       Pump Pit       Capacity - m3       -       Unit       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - </td <td>7.</td> <td>Booster Pump</td> <td></td> <td>-</td> <td>Unit</td> <td>-</td> <td></td>	7.	Booster Pump		-	Unit	-	
S.         Emergency Genset         Capacity         40 KVA         2 Unit         33,000,000         66,000,           0.         Fuel Tank         Capacity         2 KI         I         No         2,500,000         2,500,000           1.         Power Station from PLN         Capacity         2 KVA         -         LS         -           2.         Chlorination         Capacity         2.71/hr         1 Unit         2,460,000         2,460,000           1.         Break Pressure Tank         Capacity         10 m3         2 No         26,500,000         53,000,00           2.         Service Reservoir         Capacity         10 m3         2 No         26,500,000         53,000,00           3.         Elevatied Tank         Capacity         m3         -         No         -         -           4.         Hydrophore         Capacity         -         m3         -         No         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	8.	Pump Pit		-	Ünit		
0. Fuel Tank Capacity 2 KI 1 No 2,600,000 2,500, 1. Power Station from PLN Capacity 2,7 1/hr 1 Unit 2,460,000 2,460, 2. Chlorination Capacity 2,7 1/hr 1 Unit 2,460,000 2,460, 1. Break Pressure Tank Capacity 10 m3 2 No 26,500,000 53,000, 2. Service Reservoir Capacity 10 m3 1 No 50,770,854 50,770,3 3. Elevatied Tank Capacity - m3 - No			Capacity 40 KVA			33,000,000	66,000,00
1. Power Station from PLN       Capacity - KVA       -       LS       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - <td>0.</td> <td>Fuel Tank</td> <td>Capacity 2 KI</td> <td>1</td> <td></td> <td></td> <td>2,500,00</td>	0.	Fuel Tank	Capacity 2 KI	1			2,500,00
2.         [Chlorination]         Capacity         2.7         1/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         50,770,854         50,770,70,854         50,770,70,70,70,70,70,70,70,70,70,70,70,7		Power Station from PLN	Capacity - KVA				-
I.       CIVIL WORK         1.       Break Pressure Tank       Capacity 10 m3       2 No       26,500,000       53,000,1         2.       Service Reservoir       Capacity 160 m3       1 No       50,770,854       60,770,3         3.       Elevatied Tank       Capacity - m3       - No	2.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,00
Z.         Service Reservoir         Capacity         100         n3         1         No         50,770,854         50,770,3           3.         Elevatied Tank         Capacity         m3         -         No         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td< td=""><td>I 1.</td><td></td><td>Capacity 10 m3</td><td>2</td><td>No</td><td>26 500 000</td><td>53 000 00</td></td<>	I 1.		Capacity 10 m3	2	No	26 500 000	53 000 00
3.         Elevatied Tank         Capacity - m3 + m         No         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         <	2			·ī			
4.         Hydrophore         Capacity - m3 W.P kg/cm2         No         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -			Capacity - m3			-	
TOTAL COST OF FACILITIES         AND         CIVIL         WORK         (1 + 11)         597,746,1           I II.         PIPE         LAYING         -         n         96,064         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<	4	Hydrophore	Capacity - m3	-	No	~~*	-
1.       Piping       PVC diameter 250 mm       -       m       96,064       -         PVC diameter 200 mm       8,716 m       65,231       568,553,       .       .         PVC diameter 150 mm       2,716 m       42,762       116,141,       .         PVC diameter 160 mm       2,074 m       21,895       45,410,         PVC diameter 100 mm       2,074 m       21,895       45,410,         PVC diameter 50 mm       2,102 m       15,411       32,393,         PVC diameter 50 mm       2,952 m       9,641       28,460,7         PVC diameter 200 mm       96 m       146,833       14,095,7         PVC diameter 250 mm       -       m       206,076       -         CSP diameter 150 mm       30 m       111,745       3,352,         GSP diameter 100 mm       823 m       70,838       58,299,6         GSP diameter 75 mm       35 m       33,114       1,168,5         GSP diameter 75 mm       35 m       33,114       1,168,5         GSP diameter 40 mm       6 m       14,145       70,7         GSP diameter 40 mm       6 m       14,145       70,7         GSP diameter 40 mm       6 m       14,145       70,7 <t< td=""><td></td><td></td><td></td><td>CIVIL</td><td>WOR</td><td>((I+II)</td><td>597,746,85</td></t<>				CIVIL	WOR	((I+II)	597,746,85
PVC diameter 200 mm       8,716 m       65,231       568,553,3         PVC diameter 150 mm       2,716 m       42,762       116,141,1         PVC diameter 100 mm       2,074 m       21,895       45,410,1         PVC diameter 75 mm       2,102 m       15,411       32,393,1         PVC diameter 75 mm       2,102 m       15,411       32,393,1         PVC diameter 50 mm       2,952 m       9,641       28,460,7         PVC diameter 200 mm       458 m       7,715       3,533,4         GSP diameter 250 mm       -       m       206,076       -         GSP diameter 100 mm       823 m       70,838       58,299,6         GSP diameter 100 mm       823 m       70,838       58,299,6         GSP diameter 50 mm       33,114       1,168,5         GSP diameter 40 mm       5 m       33,114       1,168,5         GSP diameter 70 mm       33,114       1,168,5         GSP diameter 40 mm       5 m       14,145       70,7         GSP diameter 40 mm       5 m       14,145       70,7         GSP diameter 40 mm       5 m       14,168,5       377,6         GSP diameter 40 mm       5 m       29 No       2,200,000       63,800,0							-
PVC diameter 150 mm       2,716 m       42,762       116,141,1         PVC diameter 100 mm       2,074 m       21,895       45,410,7         PVC diameter 75 mm       2,102 m       15,411       32,393,7         PVC diameter 50 mm       2,952 m       9,641       28,460,7         PVC diameter 50 mm       2,952 m       9,641       28,460,7         PVC diameter 40 mm       458 m       7,715       3,533,7         GSP diameter 250 mm       -       m       206,076       -         GSP diameter 200 mm       96 m       146,833       14,095,5         GSP diameter 150 mm       30 m       111,745       3,352,5         GSP diameter 150 mm       30 m       111,745       3,352,5         GSP diameter 75 mm       35 m       33,114       1,168,5         GSP diameter 50 mm       21 m       17,955       377,6         GSP diameter 50 mm       21 m       17,955       377,6         GSP diameter 40 mm       5 m       14,145       70,7	1.	Piping					-
PVC diameter 100 mm       2,074 m       21,895       45,410,         PVC diameter 75 mm       2,102 m       15,411       32,393,         PVC diameter 50 mm       2,952 m       9,641       28,460,         PVC diameter 40 mm       458 m       7,715       3,533,4         GSP diameter 250 mm       -       m       206,076       -         GSP diameter 200 mm       96 m       146,833       14,095,5       3,52,5         GSP diameter 150 mm       30 m       111,745       3,352,5         GSP diameter 150 mm       30 m       111,745       3,352,5         GSP diameter 75 mm       35 m       33,114       1,158,5         GSP diameter 75 mm       35 m       33,114       1,168,5         GSP diameter 50 mm       21 m       17,955       377,6         GSP diameter 40 mm       5 m       14,145       70,7         GSP diameter 40 mm       6 m       14,145       70,7 <t< td=""><td></td><td></td><td></td><td>8,716</td><td>m</td><td></td><td></td></t<>				8,716	m		
PVC diameter       75 mm       2,102 m       15,411       32,393,5         PVC diameter       50 mm       2,952 m       9,641       28,460,7         PVC diameter       40 mm       458 m       7,715       3,533,4         GSP diameter       200 mm       96 m       146,833       14,095,5         GSP diameter       200 mm       96 m       146,833       14,095,5         GSP diameter       150 mm       30 m       111,745       3,352,5         GSP diameter       100 mm       823 m       70,838       58,299,6         GSP diameter       75 mm       35 m       33,114       1,168,5         GSP diameter       70 mm       35 m       33,114       1,168,5         GSP diameter       50 mm       21 m       17,955       377,6         GSP diameter       40 mm       5 m       14,145       70,7         GSP diameter       29 No       2,200,000       63,800,0         House Connection       1,17							
PVC diameter       50 mm       2,952       m       9,641       28,460,7         PVC diameter       40 mm       458 m       7,715       3,533,4         GSP diameter       200 mm       -       m       206,076       -         GSP diameter       200 mm       96 m       146,833       14,095,5         GSP diameter       150 mm       30 m       111,745       3,352,5         GSP diameter       100 mm       823 m       70,838       58,299,6         GSP diameter       75 mm       35 m       33,114       1,158,5         GSP diameter       50 mm       21 m       17,955       377,6         GSP diameter       50 mm       21 m       17,955       377,6         GSP diameter       40 mm       5 m       14,145       70,7         GSP diameter       40 mm       5 m       14,145       70,7         GSP diameter       40 mm       5 m       14,145       70,7         GSP diameter       29 No       2,200,000       63,800,0       63,800,0         House Connection       1,172 No       250,000       293,000,0       50,271,6         House Connection       1,172 No       250,000       293,000,0       50,271,		:		2 1 0 2	*****		
PVC diameter         40 mm         458 m         7,715         3,533,4           GSP diameter         250 mm         -         m         206,076         -           GSP diameter         200 mm         96 m         146,833         14,095,3           GSP diameter         150 mm         30 m         111,745         3,352,2           GSP diameter         150 mm         30 m         111,745         3,352,2           GSP diameter         100 mm         823 m         70,838         58,299,6           GSP diameter         100 mm         823 m         70,838         58,299,6           GSP diameter         75 mm         35 m         33,114         1,158,5           GSP diameter         50 mm         21 m         17,955         377,6           GSP diameter         40 mm         5 m         14,145         70,7           GSP diameter         40 mm         5 m         14,145         70,7           GSP diameter         29 No         2,200,000         63,800,0           House Connection         1,172 No         250,000         293,000,0           House Connection         1,172 No         250,000         293,000,0           House Connection         4,588,0			PVC diamotor 50 mm	2 062			
GSP diameter         250 mm         -         m         206,076         -           GSP diameter         200 mm         96 m         146,833         14,095,5         3,352,5           GSP diameter         150 mm         30 m         111,745         3,352,5         3,352,5           GSP diameter         100 mm         823 m         70,838         58,299,6         3,352,5           GSP diameter         100 mm         823 m         70,838         58,299,6         3,114         1,158,5           GSP diameter         75 mm         35 m         33,114         1,158,5         3,77,6           GSP diameter         50 mm         21 m         17,955         3,77,6           GSP diameter         40 mm         5 m         14,145         70,7           GSP diameter         10 mm         5 m         14,145         70,7           GSP diameter			PVC diameter 40 mm			9,041 7 715	
GSP diameter 200 mm         96 m         146,833         14,095,3           GSP diameter 150 mm         30 m         111,745         3,352,5           GSP diameter 100 mm         823 m         70,838         58,299,6           GSP diameter 75 mm         35 m         33,114         1,158,5           GSP diameter 50 mm         21 m         17,955         377,0           GSP diameter 40 mm         5 m         14,145         70,7           GSP diameter 50 mm         29 No         2,200,000         63,800,0           House Connection         1,	· [·			- 400			0,000,41
GSP diameter 150 mm       30 m       111,745       3,352,3         GSP diameter 100 mm       823 m       70,838       58,299,6         GSP diameter 75 mm       35 m       33,114       1,158,5         GSP diameter 50 mm       21 m       17,955       377,0         GSP diameter 40 mm       6 m       14,145       70,7         GSP diameter 40 mm       70,838,0       871,847,6         House Connection       1,172       No       250,000       293,000,0         Uthers       50,271,6       50,271,6       50,271,6       50,271,6         Internal Transportation Fee for Imported Materials       4,588,0       4,588,0	1			 88			11 105 06
GSP diameter 100 mm         823 m         70,838         58,299,6           GSP diameter 75 mm         35 m         33,114         1,158,5           GSP diameter 50 mm         21 m         17,955         377,0           GSP diameter 40 mm         6 m         14,145         70,7           TOTAL         COST OF PIPING         871,847,6           1 House Connection         1,172         No         250,000         63,800,0           Others         50,271,6         50,271,6         50,271,6           Internal Transportation Fee for Imported Materials         4,588,0         4,588,0							
GSP diameter         75 mm         35 m         33,114         1,158,3           GSP diameter         50 mm         21 m         17,955         377,0           GSP diameter         40 mm         5 m         14,145         70,7           GSP diameter         40 mm         5 m         14,145         70,7           GSP diameter         40 mm         5 m         14,145         70,7           TOTAL         COST         0F         PIPING         871,847,6           Ilouse         Connection         1,172         No         2,200,000         63,800,0           Internal         Transportation         1,172         No         250,000         293,000,0           Others         50,271,6         50,271,6         50,271,6         4,588,0							
GSP diameter         50 mm         21 m         17,955         377,0           GSP diameter         40 mm         5 m         14,145         70,7           TOTAL         COST         OF         PIPING         871,847,6           Public Tap         29 No         2,200,000         63,800,0           Induse Connection         1,172 No         250,000         293,000,0           Others         50,271,6         50,271,6         50,271,6							
GSP diameter         40 mm         5 m         14,145         70,7           TOTAL         COST         OF         PIPING         871,847,6           Public Tap         29 No         2,200,000         63,800,0           Induse Connection         1,172 No         250,000         293,000,0           Others         50,271,6         50,271,6         50,271,6							377,05
TOTAL         COST         OF         PIPING         871,847,6           2.         Public Tap         29         No         2,200,000         63,800,0           3.         House Connection         1,172         No         250,000         293,000,0           4.         Others         50,271,6         50,271,6         50,271,6           5.         Internal Transportation Fee for Imported Materials         4,588,0					~		70,72
Public Tap         29         No         2,200,000         63,800,0           3.         House Connection         1,172         No         250,000         293,000,0           4.         Others         50,271,6         50,271,6         50,271,6           5.         Internal Transportation Fee for Imported Materials         4,588,0	<u> </u>			TOTAL			871,847,60
3. House Connection       1,172 No       250,000       293,000,0         4. Others       50,271,6         5. Internal Transportation Fee for Imported Materials       4,588,0				29	No		63,800,00
1. Others       50,271,6         5. Internal Transportation Fee for Imported Materials       4,588,0				1,172	No		293,000,00
b. Internal Transportation Fee for Imported Materials 4,588,0			· · · · · · · · · · · · · · · · · · ·				50,271,63
	).	Internal Transportation Fee	for Imported Materials				4,588,00
TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III) 1,881,254,0		TOTAL COST OF FACILITIES	CIVIL WORK AND PIPE IA	YING (	14	11 + 111 )	1,881,254,08

E - 9

NAME CODE : **10** Kabupaten : Pati Kecamatan : Batursari IKK : Batangan

PROVINCE : CENTRAL JAVA

SERVED POPULATION:

No,	FACILITIES	SPECIFICATION	QTY.	UNIT		TOTAL PRICE
- Charleberry		<u> </u>			(Rupiah)	(Rupiah)
T	. FACILITIES					
1.	Water Treatment Facility	Capacity 15 1/sec	- <u>1 ···· · · · · · · · · · · · · · · · · </u>	No	226,277,287	226,277,28
1.0	nater reatment racrity		1	NO NO	660,611,601	660,671,60
2.	Water Source from Spring	(Labour joint) Capacity - 1/sec	· · · · · · · · · · · · · · · · · · ·	No		
3.	Deep Well	Depth - m		No		
4.	Shallow Well	***************************************	····- <u>-</u>	No		
5.	Submersible Pump	Depth — m Capacity — l/sec		Unit		
		Head - m				
6.	Main Distribution Pump	Capacity 5 1/sec	4	Ŭn i t	8,000,000	32,000,00
	(Submersible Pump)	Head 30 m	•		-,,	,,.
7.	Booster Pump	Capacity - 1/sec		<u>Uni</u> t	-	
		н				
8.	Pump Pit	Capacity — m3		Unit	-	
9.	Emergency Genset	Canacity 20 KVA	2	Unit	11,250,000	22,500,00
0.	Fuel Tank	Capacity 1 KI	1	No	1,500,000	1,500,00
1.	Power Station from PLN	Capacity - KVA	-	LS	-	-
2.	Chlorination	Capacity - 1/hr		<u>Únit</u>	-	
						····
I	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	-	No	-	_
2	Servicę Reservoir	Capacity 90 m3	1	No	25,969,897	25,969,89
}.	Elevatied Tank	Capacity 30 m3	1	No	89,922,110	89,922,11
		Height 15 m				
1.	Hydrophore	Capacity - m3	~	No	-	
		W.P kg/cm2			1	
						1
	TOTAL COS	ST OF FACILITIES AND	CIVIL	WORK	(1 + 11)	398,169,29
T.						
	II. PIPE LAYING					
•	Piping	PVC diameter 250 mm	6,549	m	96,064	629,123,13
		PVC diameter 200 mm	3,219	ħ1	65,231	209,978,58
		PVC diameter 150 mm	564	R	42,762	24,117,76
			1,630	m	21,895	35,688,85
	ļ.	PVC diameter 75 mm	1,616	m	15,411	24,904,17
		PVC diameter 50 mm	3,220	m	9,641	31,044,02
		PVC diameter 40 mm	525	m	7,715	4,050,37
		GSP diameter 250 mm	72	n	206,076	14,837,47
		GSP diameter 200 mm	35	n I	146,833	5,139,15
		GSP diameter 150 mm	6	m	111,745	670,47
		GSP diameter 100 mm		m	70,838	1,275,08
		GSP diameter 75 mm		m	33,114	662,28
		GSP diameter 50 mm	33	ta	17,955	592,51
		GSP diameter 40 mm	6	m	14,145	84,870
.		1		OST	OF PIPING	982,168,760
	Public Tap			No	2,200,000	44,000,000
	louse Connection		808	No	250,000	202,000,000
	Others		· · · · · · · · · · · ·			47,427,602
]]]	Internal Transportation Fee f	or Imported Materials			**********************	658,000
				A STATE OF THE OWNER		
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE LA	YING (	I + 1	(I + III ) I	1,674,423,650
rojbariale					····/	1,014,443,651

NAME CODE	:	11
KABUPATEN	:	SRAGEN
KECAMATAN	:	GONDANG
IKK	:	GONDÁNG

PROVINCE : CENTRAL JAVA SERVED POPULATION: 20,330

			1			And the second
No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
					(Rupiah)	(Rupiah)
			Sin an		in a substantia de la composición de la contra	
I	. FACILITIES	r	<b>.</b>			· · ·
1.	Connection Cost	Capacity - 1/sec		No	-	
· ····	Water Source from Spring	(Labour joint)				
2.	Deep Well	Capacity — 1/sec Depth 150 m	- 2	No No	-	-
4.	Shallow Well		6	No	54,296,000	108,592,000
5.	Submersible Pump	Depth — m Capacity 15 l/sec		Unit	13,000,000	26,000,000
υ.		Head 60 m	6		10,000,000	20,000,000
6.	Main Distribution Pump	Capacity - 1/sec		Un i t		_
	(Submersible Pump)	Head - m				
7.	Booster Pump	Capacity 5 1/sec	2	Unit	8,500,000	17,000,000
		Head 60 m				,,
8.	Pump Pit	Capacity 3 m3	1	Unit	12,200,000	12,200,000
9.	Emergency Genset	Canacity 60 KVA		Ünit		94,500,000
		Capacity 20 KVA		Un i t	11,250,000	22,500,000
10.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
		Capacity   KI	1	No	1,500,000	1,500,000
1.	Power Station from PLN	Capacity - KVA	-	LS	_	
2.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
÷						
1	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity 3 m3	1	No	9,500,000	
2.	Service Reservoir	Capacity 200 m3	<u> </u>	No	55,691,057	55,691,057
3.	Elevatied Tank	Capacity - m3		No	-	_
<b>4</b> .	llydrophore	Height - m			0.010.000	
4.	nyarophore	Capacity 3 m3 W.P. 6 kg/cm2	1	No	6,612,500	6,612,500
		W.P. 6 kg/cm2				landa and a second s
	ΤΟΤΑΙ. CO	ST OF FACILITIES AND	CIVIL	WOR	K (I + II )	360,055,557
	ŦĊĬŢĊĨŔĊŎŎŎŶŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎ					000,000,007
I	II. PIPE LAYING	J				
1.	Piping	PVC diameter 250 mm		m	96,064	
.		PVC diameter 200 mm	-	ta -	65,231	
		PVC diameter 150 mm	8,280	tn	42,762	354,069,360
		PVC diameter 100 mm	952	m	21,895	20,844,040
		PVC diameter 75 mm	1,984	m	15,411	30,575,424
		PVC diameter 50 mm	1,698	m	9,641	16,370,418
		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	tn	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	
	- h- 1-1			COST	OF PIPING	475,688,914
2.	Public Tap		61	No	2,200,000	134,200,000
3.	House Connection		1,423	No	250,000	355,750,000
4.	Others					40,224,376
5	Internal Transportation Fee	for Imported Materials		-		5,241,000
						· · · · · · · · · · · · · · · · · · ·
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE L	<u>AYING (</u>	I +	II + III)	1,371,159,847

NAME CODE	:	12
KABUPATEN	:	SRAGEN
KECAMATAN	:	JENAR
IKK	.:	JENAR

PROVINCE : CENTRAL JAVA SERVED POPULATION:

No.	FACILITIES	SPECIFICATION	QTY.	דואט	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I	. FACILITIES	ៜ <b>៳៶ឣ៓៝៵</b> ឣៜឣៜ៰៸៳៳៹៰៳៹៹៳៹៶៳៹៶៹៵៹ៜៜៜ៹៱៹៷៹៳៹៹៳៹៳៹៹៳៳៹៰៳៳៹៰៳៹៹៹៹៹៹៹៹៹៹៹៹៹៹៹៹៹៹		dipposenante de		generater menerikan da fakinika kakanak
1.	Connection Cost	Capacity - 1/sec	- 1	No		
		(Labour joint)				
2.	Water Source from Spring	Capacity - 1/sec	-	No		
3.	Deep Well	Denth - m		No		
4.	Shallow Well	Depth 30 m	2	No	23,300,000	46,600,00
5.	Submersible Pump	Capacity 5 1/sec	2	Ünit	8,750,000	17,500,00
		llead 30 m				
3.	Main Distribution Pump	Capacity 5 1/sec	3	Unit	8,500,000	25,500,00
	(Submersible Pump)	llead 60 m				
<i>[</i> .]	Booster Pump	Capacity 5 1/sec	2	Ŭn i t	8,000,000	16,000,00
	•	llead 30 m				
<u>.</u>	Pump Pit	Capacity 1.5 m3		Unit	7,250,000	7,250,00
	Emergency Genset	Capacity 60 KVA		Unit	47,250,000	94,500,00
	· 1. · · · · · · · · · · · · · · · · · ·	Capacity 20 KVA		Unit	11,250,000	22,500,00
).	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,00
		Capacity   KI	1	No	1,500,000	1,500,00
	Power Station from PLN	Capacity - KVA	-	LS	10,500,000	
	Chlorination	Capacity 2.7 1/hr	] [	Unit	2,460,000	2,460,00
I	I. CIVIL WORK	·				
•	Break Pressure Tank	Capacity - m3	-	No	- 1	
.	Service Reservoir	Capacity 80 m3	1	No	23,079,404	23,079,40
-	Elevatied Tank	Capacity - m3	-	No	-	_
		Height — m		.		
•	llydrophore	Capacity 3 m3	1	No	13,475,000	13,475,00
	an a	W.P. 6 kg/cm2				
	TOTAL CO	ST OF FACILITIES AND	CIVII.	₩ORK	(1+11)	273,864,404
I	II. PIPE LAYING					
.	Piping	PVC diameter 250 mm	- 1	m	96,064	
		PVC diameter 200 mm			65,231	
		PVC diameter 150 mm	· . ·		42,762	115,500,162
		PVC diameter 100 mm	****************		21,895	8,013,57
		PVC diameter 75 mm	1 100	n	15,411	68,363,196
		PVC diameter 50 mm	0 771	m	9,641	26,715,211
1		PVC diameter 40 mm	1 7001	m 🕹	7,715	13,578,400
		GSP diameter 250 mm		BI	206,076	
		GSP diameter 200 mm		m	146,833	
		GSP diameter 150 mm	·····	 m	111,745	0 0 0 0 0 0
		GSP diameter 100 mm			70,838	3,352,350
		GSP diameter 75 mm		m	33,114	7,367,152
		GSP diameter 50 mm		m	17,955	2,119,296
		GSP diameter 40 mm	0.0			700,245
				m OST	14,145 OF PIPING	381,915
T P	ublic Tap			No		246,091,497
	ouse Connection	•••••••••••••••••••••••••••••••••••••••	553	No	2,200,000	52,800,000
	thers	······	000	10	250,000	138,250,000
	nternal Transportation Fee 1	or Imported Materials				27,703,211
1_1	ntornal realisportation ree	or imported Materials		*****		4,921,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE LA	YING (	] + 1	1+111)	719 000 110
					· · · · · · · · · · · · · · · · · · ·	743,630,112

NAME CODE : **13** KABUPATEN : MONOGIRI KECAMATAN : GIRIWOYO IKK : GIRIWOYO PROVINCE :

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PROVINCE : CENTRAL JAVA SERVED POPULATION: 6,050

I         FACILITTES           Connection Cost         Capacity - 1/sec         -         No         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -							
Connection Cost         Capacity         I/sec         No         -         No           Water Source from Spring Capacity         Ditter         m         -         No         19,500,000         19,500,000           Dep Wall         Depth         m         -         No         -         -           Shallow Well         Depth         m         -         No         -         -           Submersible Pump         Capacity         1/sec         -         Unit         -         -           Booster Pump         Capacity         51/sec         3         Unit         -         -         -           Booster Pump         Capacity         1/sec         -         Unit         -         -         -           Pump Pit         Capacity         1/sec         -         Unit         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	No.	FACILITIES	SPECIFICATION	QTY.	דואט		
Connection Cost         Capacity         I/sec         No         -         No           Water Source from Spring Capacity         Ditter         m         -         No         19,500,000         19,500,000           Dep Wall         Depth         m         -         No         -         -           Shallow Well         Depth         m         -         No         -         -           Submersible Pump         Capacity         1/sec         -         Unit         -         -           Booster Pump         Capacity         51/sec         3         Unit         -         -         -           Booster Pump         Capacity         1/sec         -         Unit         -         -         -           Pump Pit         Capacity         1/sec         -         Unit         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	Т	- FACILITIES	:				
Isource from Spring       Capacity 10 1/sec       1       No       19,500,000       19,500,000         Submersible Pump       Depth       m       -       No       -       -         Submersible Pump       Capacity       1/Sec       -       No       -       -         Submersible Pump       Capacity       5 1/sec       -       0nit       -       -       -         Submersible Pump       Capacity       5 1/sec       -       0nit       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	1.		Canacity - 1/sec		No		
. Water Source from Spring Capacity 10 1/sec 1 No 19,600,000 19,500,000 Deep Well Depth n - No					10	_	
. Deep Well Depth - m - No	2.	Water Source from Spring		·····	No		10 500 000
Shallow Well         Depth         -         No         -         No           Submersible Pump         Gapacity         1/sec         0nit         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	3.	Deep Well		····_·		10,000,000	13,300,000
Submersible Pump       Capacity       1/sec       -       0nit       -       -         Main Distribution Pump       Capacity       5 1/sec       3 0nit       9,000,000       27,000,000         Submersible Pump       Capacity       5 1/sec       3 0nit       9,000,000       27,000,000         Booster Pump       Head       80 m       -       -       -       -         Emergency Genset       Capacity       00 14       1/sec       -       -       -         Power Station from PLR       Capacity       80 m3       -       -       -       -       -         Chlorination       Capacity       20 m3       -       No       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - <t< td=""><td>4.</td><td>01 11 10 10 10</td><td></td><td></td><td></td><td></td><td></td></t<>	4.	01 11 10 10 10					
Main Distribution Pump (Submersible Pump)         Head Capacity         5 1/sec 80 m         3 Unit         9,000,000         27,000,000           Booster Pump         Capacity         5 1/sec         3 Unit         9,000,000         27,000,000           Booster Pump         Head         m         -         -         -         -           Pump Pit         Capacity         m3         -         Unit         -         -           Emergency Genset         Capacity         801         I         No         3,500,000         3,500,000           Poung Pit         Capacity         7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,	5.	Submersible Pump		<del></del>			
[Submersible Pump]       Head       80 m       0 mit       0 mit <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
[ Submersible_Pump]       Head       80 m	6.		Capacity 5 1/sec	3	Unit	9,000,000	27.000.000
Head         m         onit           Pump Pit         Capacity         - m3         - Onit         - Onit			Head 80 m			,,	
Pump Pit       Capacity - m3       Unit	7.	Booster Pump		-	Un i t		
Program         Capacity         60         KVA         2         Doil         47.250.000         94.500.000           Four Tank         Capacity         3         Ki         1         No         3,500.000         3,500.000           Power Station from PLN         Capacity         KVA         -         Lis         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<			Head — m				
. Puel Tank       Capacity       3 KI       1       No.       3,500,000       3,500,000         . Power Station from PLN       Capacity       -       KVA       -       LS       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - <td>8.</td> <td></td> <td>Capacity — m3</td> <td>_</td> <td>Unit</td> <td>-</td> <td></td>	8.		Capacity — m3	_	Unit	-	
. Puel Tank       Capacity       3 KI       1       No.       3,500,000       3,500,000         . Power Station from PLN       Capacity       -       KVA       -       LS       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       - <td>9.</td> <td></td> <td>Capacity 60 KVA</td> <td>2</td> <td>Unit</td> <td></td> <td>94,500,000</td>	9.		Capacity 60 KVA	2	Unit		94,500,000
Power Station from PLN         Capacity         -         KVA         -         LS         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         <	0.		Capacity 3 KI	1	No	3,500,000	
II. CIVIL WORK       Capacity - m3       - No          Service Reservoir       Capacity - m3       - No          Service Reservoir       Capacity - m3       - No          Break Pressure Tank       Capacity - m3       - No          Service Reservoir       Capacity - m3       - No          Bievatied Tank       Capacity - m3       - No          Ilydrophore       Capacity - m3       - No          TOTAL COST OF FACILITIES AND CIVIL WORK (I + 11)       158,668,935         III. PIPE LAYING       PVC diameter 250 mm       - m       96,064          PVC diameter 160 mm       - 2,264 m       42,762       96,813,168         PVC diameter 160 mm       1,005 m       21,835       22,004,475         PVC diameter 160 mm       1,005 m       16,411       81,635,683         GSP diameter 200 mm       m       16,431       81,635,683         PVC diameter 160 mm       1,025 m	1.			-			
Break Pressure Tank         Capacity         m3         -         No         -         -           Service Reservoir         Capacity         20 m3         1         No         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935 <td>2.</td> <td>Chlorination</td> <td>Capacity 2.7 1/hr</td> <td>1.</td> <td>Unit</td> <td>2,460,000</td> <td>2,460,000</td>	2.	Chlorination	Capacity 2.7 1/hr	1.	Unit	2,460,000	2,460,000
Break Pressure Tank         Capacity         m3         -         No         -         -           Service Reservoir         Capacity         20 m3         1         No         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935         11,698,935 <td>Ť</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Ť						
Service, Reservoir         Capacity         20 m3         1         No         11,698,635         11,698,935           Elevatied Tank         Capacity         m3         -         No         -         -           Wyrophore         Capacity         m3         -         No         -         -         -           TOTAL COST OF FACILITIES         AND         CIVIL         WORK (1 + 11)         158,658,935           III         PIPE         LAY ING         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	11		Consider				
Elevatied Tank         Capacity - m3 Height - m         - No            Ilydrophore         Capacity - m3 Capacity - m3 W.P kg/cm2         - No            TOTAL COST OF FACILITIES AND CIVIL WORK (I + 11)         158,658,935           III. PIPE LAYING           Piping         PVC diameter 250 mm PVC diameter 200 mm - m         - m         96,064 PVC diameter 200 mm PVC diameter 160 mm         - m         65,231 - m          -           PVC diameter 160 mm         - m         65,231 - m          -         -           PVC diameter 160 mm         - 100 mm         - m         65,231 -         -           PVC diameter 200 mm         - m         65,231 -         -         -         -           PVC diameter 200 mm         - m         65,231 -         -         -         -           PVC diameter 200 mm         - m         2,264 m         42,762         96,813,168 PVC diameter 20 mm         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<	$\frac{1}{2}$		Capacity ~ m3				
Ilight         m         no           Capacity         m3         -         No         -           TOTAL COST OF FACILITIES AND CIVIL WORK (I + 11)         158,658,935           II.         PIPE LAYING           Piping         PVC diameter 250 mm         -         m         96,064         -           PVC diameter 200 mm         -         m         65,231         -         -           PVC diameter 160 mm         2,264         m         42,762         96,813,168           PVC diameter 75 mm         1,005         m         21,895         22,004,475           PVC diameter 50 mm         1,082         m         5,641         10,431,562           PVC diameter 50 mm         1,082         m         5,641         10,431,562           PVC diameter 250 mm         -         m         206,076         -           GSP diameter 150 mm         25 m         11,745         2,793,625           GSP diameter 150 mm         25 m         11,745         32,733           GSP diameter 75 mm         13 m         33,114         430,482           GSP diameter 40 mm         25 m         11,465         325,336           GSP diameter 50 mm         12 m         17,965	$\frac{3}{3}$		Capacity 20 m3			11,698,935	11,698,935
Igdrophore         Capacity         m3         -         No         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	°•	DICAGLICA IGUN		-	No		-
W.P.         - kg/cm2           TOTAL COST OF PACILITIES AND CIVIL WORK (I + 11)           158,658,935           III. PIPE LAYING           Piping         PVC diameter 250 mm         - m         96,064         -           PVC diameter 200 mm         - m         65,231         -           PVC diameter 200 mm         - m         65,231         -           PVC diameter 100 mm         - m         65,231         -           PVC diameter 100 mm         1,005         m         21,835         22,004,475           PVC diameter 100 mm         1,005         m         21,835         22,004,475           PVC diameter 100 mm         1,082         m         9,641         10,431,562           PVC diameter 200 mm         - m         206,076         -         -           GSP diameter 200 mm         - m         206,076         -         -           GSP diameter 150 mm         13 m         33,114         430,482         -           GSP diameter 50 mm         13 m         33,114         430,482         -         -         -           GSP diameter 50 mm         13 m         33,114         430,482         -         -         -         -	4.	llydrophore			• • • • • •		
TOTAL COST OF FACILITIES         AND         CIVIL         WORK (I + 1I)         158,658,935           III - PIPE LAYING         PVC diameter 250 mm         -         m         96,064         -           Piping         PVC diameter 200 mm         -         m         65,231         -           PVC diameter 160 mm         1,005 m         21,895         22,004,475           PVC diameter 160 mm         1,005 m         21,895         22,004,475           PVC diameter 75 mm         1,179 m         15,411         18,169,569           PVC diameter 50 mm         1,082 m         9,641         10,431,562           PVC diameter 50 mm         1,082 m         9,641         10,431,562           PVC diameter 200 mm         -         m         206,076         -           GSP diameter 150 mm         25 m         111,745         2,793,625         215,460           GSP diameter 100 mm         11 m         70,838         779,218         GSP diameter 50 mm         13 m         33,114         430,482           GSP diameter 50 mm         12 m         17,955         215,460         325,336           GSP diameter 75 mm         13 m         33,114         430,482         325,336           GSP diameter 50 mm				. –	No	-	
III. PIPE LAYING         Piping       PVC diameter 200 mm       -       m       96,064       -         PVC diameter 200 mm       -       m       65,231       -         PVC diameter 160 mm       2,264       m       42,762       96,813,168         PVC diameter 160 mm       1,005       m       21,895       22,104,475         PVC diameter 160 mm       1,005       m       15,411       18,169,569         PVC diameter 50 mm       1,005       m       9,641       10,431,562         PVC diameter 250 mm       -       m       206,076       -         GSP diameter 250 mm       -       m       146,833       -         GSP diameter 200 mm       -       m       206,076       -         GSP diameter 200 mm       -       m       206,076       -         GSP diameter 200 mm       -       m       11,745       2,793,625         GSP diameter 100 mm       11       m       70,838       779,218         GSP diameter 50 mm       13       m       33,114       430,482         GSP diameter 50 mm       12       m       17,955       215,460         GSP diameter 40 mm       23       m       14,145			Kg/UNG			· · · · · · · · · · · · · · · · · · ·	
III. PIPE LAYING         Piping       PVC diameter 200 mm       -       m       96,064       -         PVC diameter 200 mm       -       m       65,231       -         PVC diameter 160 mm       2,264       m       42,762       96,813,168         PVC diameter 160 mm       1,005       m       21,895       22,104,475         PVC diameter 160 mm       1,005       m       15,411       18,169,569         PVC diameter 50 mm       1,005       m       9,641       10,431,562         PVC diameter 250 mm       -       m       206,076       -         GSP diameter 250 mm       -       m       146,833       -         GSP diameter 200 mm       -       m       206,076       -         GSP diameter 200 mm       -       m       206,076       -         GSP diameter 200 mm       -       m       11,745       2,793,625         GSP diameter 100 mm       11       m       70,838       779,218         GSP diameter 50 mm       13       m       33,114       430,482         GSP diameter 50 mm       12       m       17,955       215,460         GSP diameter 40 mm       23       m       14,145		TOTAL CO	ST OF FACILITIES AND	CIVIL	WORK	(1 + 11)	158 858 925
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 100 mm         1,005 m         21,895         22,004,475           PVC diameter 75 mm         1,179 m         15,411         18,168,562           PVC diameter 50 mm         2,099 m         7,715         16,193,785           GSP diameter 200 mm         -         m         206,076         -           GSP diameter 150 mm         25 m         111,745         2,793,625         -           GSP diameter 100 mm         -         m         206,076         -         -           GSP diameter 100 mm         -         m         206,076         -         -           GSP diameter 100 mm         11         m         70,838         779,218         -           GSP diameter 50 mm         12 m         17,955         215,460         -           GSP diameter 40 mm         23 m         14,145         325,336           OTAL COST OF PIPING	, ,.						100,000,000
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 100 mm         1,005 m         21,895         22,004,475           PVC diameter 100 mm         1,082 m         9,641         10,431,562           PVC diameter 50 mm         1,082 m         9,641         10,431,562           PVC diameter 200 mm         -         m         206,076         -           GSP diameter 200 mm         -         m         206,076         -           GSP diameter 200 mm         -         m         206,076         -           GSP diameter 200 mm         -         m         116,833         -           GSP diameter 200 mm         -         m         146,833         -           GSP diameter 75 mm         11         m         70,838         779,218           GSP diameter 50 mm         12         m         17,955         215,460           GSP diameter 40 mm         23         m         14,145         325,335           Public Tap         12         No         2,200,000         26,400,000			T :				
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       1,179 m       15,411       18,168,569         PVC diameter 50 mm       1,082 m       9,641       10,431,562         PVC diameter 50 mm       1,082 m       9,641       10,431,562         PVC diameter 200 mm       -       m       206,076       -         GSP diameter 200 mm       -       m       146,833       -         GSP diameter 150 mm       2,793,625       GSP diameter 100 mm       11       m       70,838       775,218         GSP diameter 150 mm       2,3 m       14,46,833       -       -       m       146,833       -         GSP diameter 150 mm       13 m       33,114       430,482       325,336       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	1.	Piping		-	m	96,064	
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         1,179 m         15,411         18,169,569           PVC diameter 50 mm         1,082 m         9,641         10,431,562           PVC diameter 200 mm         2,099 m         7,715         16,193,785           GSP diameter 250 mm         -         m         206,076         -           GSP diameter 150 mm         25 m         111,745         2,793,625           GSP diameter 150 mm         25 m         111,745         2,793,625           GSP diameter 150 mm         13 m         33,114         430,482           GSP diameter 75 mm         13 m         33,114         430,482           GSP diameter 50 mm         13 m         33,114         430,482           GSP diameter 40 mm         23 m         14,145         325,336           Public Tap         12 No         2,200,000         26,400,000           House Connection         484         No         250,000         121,000,000           Others         19,508,584         112 No         2,200,000         121,000,000           TotAL COST OF FACILITIES, CIVIL WOR					ta		
PVC diameter 100 mm         1,005 m         21,895         22,004,475           PVC diameter 75 mm         1,179 m         15,411         18,169,569           PVC diameter 50 mm         1,082 m         9,641         10,431,562           PVC diameter 40 mm         2,099 m         7,715         16,193,785           GSP diameter 200 mm         -         m         206,076         -           GSP diameter 150 mm         -         m         146,833         -           GSP diameter 150 mm         -         m         146,833         -           GSP diameter 100 mm         -         m         146,833         -           GSP diameter 100 mm         -         m         146,833         -           GSP diameter 75 mm         13 m         33,114         430,482           GSP diameter 50 mm         12 m         17,955         215,460           GSP diameter 50 mm         12 m         17,955         215,460           GSP diameter 40 mm         23 m         14,145         325,335           TOTAL         COST OF P1PING         168,156,679           House Connection         484         No         250,000         121,000,000           Others         -         19,508,5					m	42,762	96,813,168
PVC diameter       75 mm       1,179 m       15,411       18,169,569         PVC diameter       50 mm       1,082 m       9,641       10,431,562         PVC diameter       40 mm       2,099 m       7,715       16,193,785         GSP diameter       250 mm       -       m       146,833       -         GSP diameter       100 mm       11 m       70,838       779,218         GSP diameter       100 mm       11 m       70,838       779,218         GSP diameter       50 mm       12 m       17,955       215,460         GSP diameter       50 mm       12 m       17,955       215,460         GSP diameter       40 mm       23 m       14,145       325,335         Public Tap       12 No       2,200,000       26,400,000         House Connection       484 No       250,000       121,000,000         Others       19,508,584       112,000,000       121,000,000					m		22,004,475
PVC diameter       50 mm       1,082 m       9,641       10,431,562         PVC diameter       40 mm       2,099 m       7,715       16,193,785         GSP diameter       250 mm       -       m       206,076       -         GSP diameter       200 mm       -       m       146,833       -         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       23 m       14,145       325,335         Public Tap       12 No       2,200,000       26,400,000         Nouse Connection       484 No       250,000       121,000,000         Others       13,508,584       1       13,508,584         Internal Transportation Fee for Imported Materials       3,681,000       3,681,000         TOTAL				1,179	n	15,411	18,169,569
PVC diameter 40 mm       2,099 m       7,715       16,193,785         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       23 m       14,145       325,336         Public Tap       12 No       2,200,000       26,400,000         Nouse Connection       484 No       250,000       121,000,000         Others       12 No       2,200,000       26,400,000         Internal Transportation Fee for Imported Materials       3,681,000       121,000,100         TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)       497,405,198					m	9,641	10,431,562
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       23 m       14,145       325,335         Public Tap       12 No       2,200,000       26,400,000         House Connection       484 No       250,000       121,000,000         Others       19,508,584       115,508,584       3,681,000         TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)       497,405,198		· ·		2,099	n		
GSP         diameter         150         m         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         75         mm         13         m         33,114         430,482           GSP         diameter         50         mm         12         m         17,955         215,460           GSP         diameter         40         mm         23         m         14,145         325,335           Public         Tap         12         No         2,200,000         26,400,000           House         Connection         484         No         250,000         121,000,000           Others         19,508,584         1         19,508,584         1         3,681,000           TOTAL         COST         OF         FACILITIES, CIVIL         WORK         AND         PIPE         14         11         197,405,198	·			-	m		
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         23 m         14,145         325,335           Public Tap         12 No         2,200,000         26,400,000           House Connection         484 No         250,000         121,000,000           Others         19,508,584         11         19,508,584           Internal Transportation Fee for Imported Materials         3,681,000         3,681,000           TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)         497,405,198			GSP diameter 200 mm		m		
GSP diameter         75 mm         13 m         33,114         430,482           GSP diameter         50 mm         12 m         17,955         215,460           GSP diameter         40 mm         23 m         14,145         325,336           Public Tap         12 No         2,200,000         26,400,000           House Connection         484 No         250,000         121,000,000           Others         19,508,584         19,508,584           Internal Transportation Fee for Imported Materials         3,681,000         3,681,000           TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)         497,405,198			USP diameter 150 mm	**********	. M		
GSP diameter         50 mm         12 m         17,955         215,460           GSP diameter         40 mm         23 m         14,145         325,336           Public Tap         TOTAL         COST         OF         PIPING         168,156,679           Nouse Connection         12 No         2,200,000         26,400,000         484         No         250,000         121,000,000           Others         19,508,584         19,508,584         19,508,584         19,508,584         19,508,584           Internal Transportation Fee for Imported Materials         3,681,000         3,681,000         497,405,198			USP diameter 100 mm		m		
GSP diameter         40 mm         23 m         14,145         325,335           Public Tap         TOTAL COST OF PIPING         168,156,679           House Connection         12 No         2,200,000         26,400,000           Wouse Connection         484 No         250,000         121,000,000           Others         19,508,584         19,508,584           Internal Transportation Fee for Imported Materials         3,681,000           TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)         497,405,198							
TOTAL         COST         OF         PIPING         168,156,679           Public Tap         .12         No         2,200,000         26,400,000           House Connection         .484         No         250,000         121,000,000           Others         .19,508,584           Internal Transportation Fee for Imported Materials         3,681,000           TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)         497,405,198			usr glameter 50 mm		<u>m</u>		
Public Tap         12         No         2,200,000         26,400,000           House Connection         484         No         250,000         121,000,000           Others         19,508,584           Internal Transportation Fee for Imported Materials         3,681,000           TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)         497,405,198							
House Connection         28,200,000         20,400,000           Others         121,000,000         121,000,000           Internal Transportation Fee for Imported Materials         3,681,000           TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)         497,405,198	;	Public Tap					
Others19,508,584Internal Transportation Fee for Imported Materials19,508,584TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)497,405,198							
Internal Transportation Fee for Imported Materials       13,508,584         TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)       497,405,198				484	No	250,000	
TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111) 497,405,198	****		or Imported Weteriel				
	<u>···</u> ]	rasportation PBE 1	or imported materials				3,681,000
		TOTAL COST OF FACILITIES.	CIVIL WORK AND PIPE LA	YING (	<b>i</b> 4		107 105 100
10 ST		аналан санан ал 1979 жылык жайтан байлар жайтан барар байлар жайтан байлан байлан байлан байлан байлар жайтан б		(	-	· · · · · · · · · · · · · · · · · · ·	401,400,100

NAME CODE	:	14
KABUPATEN	:	SEMARANG
KECAMATAN	:	HARJOSARI
IKK	:	BAWEN

PROVINCE : CENTRAL JAVA

SERVED POPULATION: 17,880

TOTAL PRICE No. FACILITIES SPECIFICATION OTY. INTT UNIT PRICE (Rupiah) (Rupiah) Ι. FACILITIES Connection Cost 1. Capacity - 1/sec No (Labour joint) 2. Water Source from Spring 19,500,000 19,500,000 Capacity 25 l/sec No 3. Deep Well Depth m No Shallow Well 4. Depth No m Submersible Pump 5. <u>Čapacity</u> 1/sec Ūnit Head 6. Main Distribution Pump Capacity 1/sec Ünit (Submersible Pump) Head 7 15 1/sec Booster Pump 2 14,500,000 29,000,000 Capacity Unit 80 m llead 5 1/sec 2 Unit Capacity 8,000,000 16,000,000 40 m Head 8. Pump Pit 2 Unit Capacity 1.5 m3 7,250,000 14,500,000 2 Unit 9. Emergency Genset Capacity 80 KVA 54,000,000 108,000,000 2 Capacity 20 KVA Unit 11,250,000 22,500,000 0. Fuel Tank Capacity 3 KI 3,500,000 No 3,500,000 Capacity 1 KI No 1,500,000 1,500,000 1. Power Station from PLN Capacity KVA LS 2.7 1/hr 2. Chlorination Capacity 2,460,000 2,460,000 Unit II. CIVIL WORK Break Pressure Tank 1. Capacity 12 m3 No 30,000,000 30,000,000 2. Service Reservoir No Capacity 200 m3 55,691,000 55,691,000 3. Elevatied Tank Capacity m3 No Height m 4. Hydrophore 3 m3 Capacity No ĩ 6,612,500 6,612,500 W.P. 6 kg/cm2 6.5 m3 Capacity No 17,517,500 17,517,500 W.P. 8 kg/cm TOTAL COST OF FACILITIES AND CIVIL WORK (I + II) 326,781,000 III. PIPELAYING 1. Piping PVC diameter 250 mm 96.064 m 12,617 PVC diameter 200 mm te 65,231 823,019,527 PVC diameter 150 mm 2,610 111,608,820 42,762 m 71,509,070 42,087,441 26,994,800 PVC diameter 100 mm 3,266 21,895 ĪD PVC diameter 75 mm 2,731 15,411 m PVC diameter 50 mm 2,800 9,641 M PVC diameter 40 mm 7,715 Ш GSP diameter 250 mm 206,076 M 146,833 111,745 20,409,787 3,240,605 GSP diameter 200 mm 139 M GSP diameter 150 mm 29 m GSP diameter 100 mm 36 70,838 m 2,550,168 GSP diameter 75 mm GSP diameter 50 mm 40 33,114 1,324,560 m 21 377,055 17,955 to GSP diameter 40 mm 14,145 m COST TOTAL OF PIPING 1,103,121,833 Public Tap 2. 36 | No 2,200,000 79,200,000 House Connection 3. 1,430 No 250,000 357,500,000 4 Others 59,400,370 Internal Transportation Fee for Imported Materials 5. 4,055,000 TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING ( I + II + III ) 1,930,058,203

NAME CODE : **15** KABUPATEN : BOJONEGORO KECAMATAN : BALEN IKK : 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 - 1/sec		No	-	
_		(Labour joint)				
2.	Water Source from Spring	Capacity - 1/sec		No		
3.	Deep Well	Depth 70 m	2	No	38,226,000	76,452,000
4.	Shallow Well	Depth - m		No		-
5.	Submersible Pump	Capacity 10 1/sec Head 40 m	2	Ünit	9,500,000	19,000,000
6.	Main Distribution Pump	Capacity 10 1/sec	3	Unit	9,250,000	27,750,000
	(Submersible Pump)	Head 30 m			, ,	, ,
7.	Booster Pump	Capacity — 1/sec Head — m	-	Unit	<u> </u>	_
8.	Pump Pit	Capacity - m3		Ünit		
9.	Emergency Genset	Capacity 60 KVA	2	Un i t	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 1/hr	1	Unit	2,460,000	2,460,000
I	I. CIVIL WORK		•			
1.	Break Pressure Tank	Capacity — m3		No	_	+
$\frac{2}{3}$	Service Reservoir	Capacity 120 m3	1	No	39,947,895	39,947,895
	Elevatied Tank	Capacity 40 m3 Neight 15 m	1	No	120,601,430	120,601,430
4.	Hydrophore	Capacity - m3 W.P kg/cm2	-	No		
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WORI	K (I + II )	384,211,325
I	II. PIPE LAYING	ч Л				
1.	Piping	PVC diameter 250 mm	-	m	98,466	
		PVC diameter 200 mm	4,045	 10	66,862	257,666,500
ĺ		PVC diameter 150 mm	1,930	m.	43,831	80,867,000
		PVC diameter 100 mm	4,943		22,422	107,757,400
		PVC diameter 75 mm	2,152	m	15,796	35,508,000
		PVC diameter 50 mm	1,118	W	9,882	12,074,400
		PVC diameter 40 mm	466	m	7,908	4,054,200
		GSP diameter 250 mm	- 1	មា	211,228	
		GSP diameter 200 mm	44	ш	150,504	6,622,000
		GSP diameter 150 mm	21	m	114,539	2,404,500
		GSP diameter 100 mm	104	m	72,609	7,550,400
		GSP diameter 75 mm	24	Ш	33,942	816,000
		GSP diameter 50 mm	12	<u>m</u>	20,454	220,800
		GSP diameter 40 mm	5	n Vécan	14,499	72,500
2.	Public Tap	1		COST	OF PIPING	515,613,700
	House Connection			No	2,400,000	108,000,000
3 1	HORAG CONDUCTION		1,043	No	270,000	281,610,000
	Others					
4.	Others Internal Transportation Food	Fon Imported Meters				37,936,231
[. ]	Others Internal Transportation Fee	for Imported Materials	**************************************			37,936,231 11,520,000

NAME CODE : 16 NAME CODE KABUPATEN KECAMATAN IKK BOJONEGORO BAURENO BAURENO

.

PROVINCE : EAST JAVA

SERVED POPULATION: 12,410

1

No. FI	ACILITIES	SPECIFICATION	QTY.	דואט	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FA	CILITIES					
1. Connecti	ion Cost	Capacity - 1/sec (Labour joint)	-	No	_	-
2. Water Sc	ource from Spring	Capacity - 1/sec		No		-
3. Deep Wel	1	Depth 70 m	Ž	No	23,300,000	46,600,000
4. Shallow		Depth m		No	-	
5. Submersi	ble Pump	Capacity 10 1/sec Head 30 m		Ünit	9,250,000	18,500,000
6. Main Dis	stribution Pump	Capacity 5 1/sec	4	Un i t	9,000,000	36,000,000
	sible Pump)	llead 80 m	1 <sup>-</sup>		0,000,000	
7. Booster		Capacity - 1/sec		Ûnit	-	
		Head — m	Į			
8. Pump Pit	,	Capacity - m3		Ün i t	_	
9. Emergeno	y Genset	Capacity 80 KYA		Unit	54,000,000	108,000,000
10. Fuel Tar		Capacity 3 KI	1		3,500,000	3,500,000
	ation from PLN	Capacity - KVA		LS		2,460,000
12. Chlorina	llion	Capacity 2.7 1/hr		Unit	2,460,000	<u>,400,000</u>
	IVIL WORK	·				
	essure Tank	Capacity - m3		No	-	-
	Reservoir	Capacity 120 m3 Capacity - m3	l	No	39,947,895	39,947,895
3. Elevatie	ed lank		-	No	-	
4. Ilydropho		Height — m Capacity 6.5 m3	1	No	17,517,500	17,517,500
4. Nyuropho	16	W.P. 8 kg/cm2		no	11,011,000	11,011,000
A TRACTOR AND A DESCRIPTION OF THE PARTY NAMES	alla de 1992 de la compositive de compositive de la compositive de la compositive de la compositive de la compo		and the second second	L		
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WORI	(1+1)	272,525,395
III. I	PIPE LAYING	T				
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	3,708	. <u>m</u>	9,882	36,642,456
		PVC diameter 40 mm GSP diameter 250 mm	913	m	7,908	7,220,004
		GSP diameter 200 mm		<u></u>	211,228	-
		GSP diameter 150 mm	53	- m	150,504 114,539	6,070,567
		GSP diameter 100 mm	133	m m	72,609	9,656,997
1		GSP diameter 75 mm	39		33,942	1,323,738
		GSP diameter 50 mm	41	- <u></u>	20,454	838,614
		GSP diameter 40 mm	10	m	14,499	144,990
, , , , , , , , , , , , , , , , , , ,				COST	OF PIPING	394,102,142
2. Public Ta			25	No	2,400,000	60,000,000
3. House Cor	nection		993	No	270,000	268,110,000
1. Others						33,631,470
5. Internal	Transportation Fee	for Imported Materials				11,644,000
TOTAL	COST OF FACILITIES.	CIVIL WORK AND PIPE LA	VINC (	Тт		1,040,013,007

NAME CODE	:	17
KABUPATEN	:	TUBAN
KECAMATAN	:	JENU
IKK	:	JENU

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 - 1/sec (Labour joint)	-	No	-	-
2.	Water Source from Spring	Capacity - 1/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 15-1/sec Head 40 m	1	Unit	11,000,000	11,000,000
6.	Main Distribution Pump	Head 40 m Capacity 5 l/sec	4	Un i t	8,500,000	34,000,000
۰.	(Submersible Pump)	llead 60 m	_			
7.	Booster Pump	Capacity - 1/sec Head - m		Unit	-	-
8.	Pump Pit	Head — m Capacity — m3	_	Ûnit	_	
9	Emergency Genset	Capacity 80 KVA		Unit	54,000,000	108,000,000
0.	Fuel Tank	Capacity 3 KI		No	3,500,000	3,500,000
1.	Power Station from PLN	Capacity - KVA		LS		
2	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
Ι	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity — m3	-	No	-	-
2.	Service Reservoir	Capacity 120 m3	<u> </u>	No	39,947,895	39,947,89
3.	Elevatied Tank	Capacity — m3 Height — m	_	No	-	·-
4.	llydrophore	Height - m Capacity 6.5 m3 W.P. 6 kg/cm2	1	No	17,517,500	17,517,50
····		OST OF FACILITIES AND	CIVIL	WOR	K (I + II )	261,095,39
	II. PIPE LAYING		· ·	T T	08 400	·····
1.	Piping	PVC diameter 250 mm PVC diameter 200 mm		 	98,466 66,862	_
		PVC diameter 150 mm	2,407		43,831	105,501,21
		PVC diameter 100 mm	1,384	n 1	22,422	31,032,04
		PVC diameter 75 mm	3,277	m	15,796	51,763,49
		PVC diameter 50 mm	1,849	m	9,882	18,271,81
		PVC diameter 40 mm	2,418	m	7,908	19,121,54
		GSP diameter 250 mm GSP diameter 200 mm		.B.	211,228 150,504	
		GSP diameter 200 mm	- 76	100 m	114,539	8,704,96
		GSP diameter 100 mm	15		72,609	1,089,13
		GSP diameter 75 mm	36	m.	33,942	1,221,91
		GSP diameter 50 mm	20	m	20,454	409,08
		GSP diameter 40 mm	27	m	14,499	391,47
		L	TOTAL	COST	OF PIPING	237,506,68
2	Public Tap		32	No	2,400,000	76,800,00
3.	House Connection Others		752	No	270,000	203,040,00 27,563,10
4 5	Internal Transportation Fee	for Imported Materials				10,294,00
a militai m	TOTAL COST OF FACILITIES,			( [ +		816,299,18
	TOTAL OUST OF ENVILLENDA,		Unitin		11 · 121 / ·	010,400,10
		E - 17				

NAME CODE	:	18
KABUPATEN	:	MADIUN
KECAMATAN	:	JIWAN
IKK	:	JIWAN

PROVINCE : EAST JAVA SERVED POPULATION:

No.		<b>1</b>	1			
kinimeronis vez	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
Ι	. FACILITIES					
1.	Connection Cost	Capacity - 1/sec	-	No	-	-
2.	Water Source from Spring	(Labour joint)				
$\frac{2}{3}$	Deep Well	Capacity — 1/sec Depth 100 m		No	-	-
4.	Shallow Well	Depth Toom Depth - m		No No	44,670,000	44,670,000
5.	Submersible Pump	Capacity 25 1/sec	1	Unit	16,750,000	16,750,000
	-	llead 40 m				10,100,000
6.	Main Distribution Pump	Capacity 15 1/sec	3	<u>Un i t</u>	13,000,000	39,000,000
	(Submersible Pump)	llead 60 m				
7.	Booster Pump	Capacity - 1/sec		Ûnit	-	
8.	Pump Pit	Head — m Capacity — m3				
9.	Emergency Genset	Capacity 100 KVA		Unit Unit	67,250,000	
iō.	Fuel Tank	Capacity 100 KVA Capacity 4 KI	······	No	4,500,000	134,500,000 4,500,000
1.	Power Station from PLN	Capacity - KVA		LS	- 4,000,000	4,500,000
2.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
~			· · · · · · · · · · · · · · · · · · ·			
	I. CIVIL WORK					
	Break Pressure Tank	Capacity — m3		No	-	
	Service Reservoir Elevatied Tank	Capacity 200 m3	1	No	65,970,517	65,970,51
· ·		Capacity — m3 Height — m	-	No	-	-
4.	llydrophore	Leight — m Capacity 9 m3	1	No	24,255,000	01 017 000
		W.P. 6 kg/cm2	1	RU	4,400,000	24,255,000
an de Serverene	τοτλι. ς	OST OF FACILITIES AND	CIVIL	WORK	(I + II)	332,105,517
T						وتركده بسيدة بسيعتهم ومتعتقة الككاف مستعملاتها
		~				
1.	II. PIPE LAYIN				00 100 1	·
1.	PIPE LAYIN	PVC diameter 250 mm		m	98,466	
•		PVC diameter 250 mm PVC diameter 200 mm		m	66,862	- - 61 291 667
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm	1,397	m m	66,862 43,831	
•		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm	1,397	m	66,862 43,831 22,422	54,844,212
•		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm	1,397 2,446 2,986 4,278	m m m	66,862 43,831 22,422 15,796 9,882	54,844,212 47,166,856
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm	- 1,397 2,446 2,986	m m m m	66,862 43,831 22,422 15,796 9,882	54,844,212 47,166,856 42,275,196
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm	1,397 2,446 2,986 4,278	m m m m	66,862 43,831 22,422 15,796 9,882 7,908 211,228	54,844,212 47,166,856 42,275,196
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm	1,397 2,446 2,986 4,278 2,390 	m m m m m	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504	54,844,212 47,166,856 42,275,196 18,900,120
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539	54,844,212 47,166,856 42,275,196 18,900,120 - - 7,445,035
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 100 mm	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609	54,844,212 47,166,856 42,275,196 18,900,120 - - 7,445,035 1,960,443
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942	54,844,212 47,166,856 42,275,196 18,900,120 
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm	$ \begin{array}{r}     - \\     1,397 \\     2,446 \\     2,986 \\     4,278 \\     2,390 \\     - \\     - \\     65 \\     27 \\     38 \\     42 \\   \end{array} $	m m m m m m m m m m m m	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454	54,844,212 47,166,856 42,275,196 18,900,120 
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm	1,397 2,446 2,986 4,278 2,390 	m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m           m	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499	54,844,212 47,166,856 42,275,196 18,900,120 
		PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m m m m m ST	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING	54,844,212 47,166,856 42,275,196 18,900,120 
p	Piping	PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 50 mm GSP diameter 40 mm T	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m m m m ST No	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING 2,400,000	54,844,212 47,166,856 42,275,196 18,900,120 
P III 0	ublic Tap ouse Connection thers	PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 50 mm GSP diameter 40 mm T	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m m m m m ST	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING	54,844,212 47,166,856 42,275,196 18,900,120 
P H 0	ublic Tap ouse Connection	PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 50 mm GSP diameter 40 mm T	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m m m m ST No	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING 2,400,000	54,844,212 47,166,856 42,275,196 18,900,120  7,445,035 1,960,443 1,289,796 859,068 362,475 236,335,108 91,200,000 412,020,000 34,193,186
P III 0	ublic Tap ouse Connection thers	PVC diameter250 mmPVC diameter200 mmPVC diameter150 mmPVC diameter100 mmPVC diameter75 mmPVC diameter50 mmPVC diameter40 mmGSP diameter250 mmGSP diameter150 mmGSP diameter150 mmGSP diameter100 mmGSP diameter100 mmGSP diameter75 mmGSP diameter100 mmGSP diameter40 mmT7for Imported Materials	1,397 2,446 2,986 4,278 2,390 	m m m m m m m m m m m ST No No	66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING 2,400,000 270,000	236,335,108 91,200,000 412,020,000

NAME CODE	:	19
KABUPATEN	:	LAMON
KECAMATAN	:	KEMBA
IKK	:	KEMBA

NGAN ANGBAHU

ANGBAHU

PROVINCE : EAST JAVA

SERVED POPULATION:

No.	FACILITIES	SPECIFICATION	QTY.	נואט		TOTAL PRICE
					(Rupiah)	(Rupiah)
I		••••••••••••••••••••••••••••••••••••••				
1.	Connection Cost	Capacity - 1/sec	-	No	-	
·	Webser	(Labour joint)				
2	Water Source from Spring	Capacity - 1/sec	-	No		
3.	Deep Well	Depth 125 m	<u> </u>	No	52,500,000	52,500,000
5.	Submersible Pump	Depth 125 m	1	No	32,500,000	32,500,000
ə.	Submersible Pump	Capacity 5 1/sec	2	Ūnit	9,000,000	18,000,000
6.	Main Distribution Pump	Head 40 m				
0.	(Submersible Pump)	Capacity 5 1/sec	3	Ünit	8,500,000	25,500,000
7.	Booster Pump	llead 60 m				
· •	booster rump	Capacity - 1/sec	-	Unit	-	-
8.	Pump Pit	Head — m		-		
9.	Emergency Genset	Capacity - m3		Unit	-	-
Ŭ.	Sweigeney denset	Capacity 20 KVA		Unit	11,250,000	22,500,000
Ő.	Fuel Tank	Capacity 40 KVA		Unit	33,000,000	66,000,000
•	I GOT TONK	Capacity 1 KI Capacity 2 KI	1		1,500,000	1,500,000
T.	Power Station from PLN	Capacity 2 KI Capacity - KVA	<u> </u>	No	2,500,000	2,500,000
2	Chlorination			LS	·	-
<u>.</u>		Capacity 2.7 1/hr		Unit	2,460,000	2,460,000
1	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	- 1	No	_	
2.	Service Reservoir	Capacity 80 m3	1	No	27,256,762	27,256,762
3.	Elevatied Tank	Capacity - m3	1	No	-	61,630,106
		Height - m	1		4	
4.]	Hydrophore	Capacity 5 m3	·fi	No	13,475,000	13,475,000
		W.P. 6 kg/cm2	1 -		10,410,000	13,410,000
- -				<u>der and</u>		╡╕╇ <sub>┙</sub> ╃ <u>┲╼╍┶</u> ┲╍╍╅┶╧ <u>┿</u>
	TOTAL CO	ST OF FACILITIES AND	<u>CIVII,</u>	WORI	((I+II)	264,191,762
	I. PIPE LAVINO	J				
1.	Piping	PVC diameter 250 mm	- 1		98,466	
		PVC diameter 200 mm		.   m	66,862	
		PVC diameter 150 mm		{	43,831	
		PVC diameter 100 mm	2,465		22,422	55,270,230
	·	PVC diameter 75 mm	2,354	f	15,796	37,183,784
		PVC diameter 50 mm	2,460	m	9,882	24,309,720
		PVC diameter 40 mm	1,250		7,908	9,885,000
		GSP diameter 250 mm	-	m	211,228	3,003,000
		GSP diameter 200 mm	·		150,504	
	· · · · · ·	GSP diameter 150 mm			114,539	
ļ		GSP diameter 100 mm	5		72,609	
		GSP diameter 75 mm	333		33,942	363,045
	́	GSP diameter 50 mm	20	. <u>m</u>		11,302,686
,   ·		GSP diameter 40 mm	14	- <u>10</u> 	20,454	409,080
				m COST	14,499 OF PIPING	202,986
. 1	Public Tap		19	No		138,926,531
	louse Connection		449		2,400,000	45,600,000
	Ithers		445	No	270,000	121,230,000
	Internal Transportation Fee 1	or Imported Materials				20,229,872
		vi importou materials	and the second design of the			7,686,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE I	AVING (	I +		E07 004 105
				1 T		597,864,165

NAME CODE : 20 KABUPATEN : JOMBAN , KECAMATAN : DIWEK IKK : DIWEK

PROVINCE : EAST JAVA SERVED POPULATION:

	والمتحرج ورداب فالفكاني وبرابا فتعتقا بالفاقية والمستعاد الارتباط فالمتك المترك المتراجعة كالتقاري ومغافاتهم ومغاف	and a second			ŢĸĸĊĸĊĊĊŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎŎ	5-9-97-11-12-98 <sup>9-21</sup> -21-989-82-9 <sup>-2</sup> -11-12-0-2-9-2-9-2-1
No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE
	THOTAT THE	0.00111001100			(Rupiah)	(Rupiah)
With Children and Chi		and a second provide a second seco	and a superior of the superior	in the second second		a na ana amin'ny faritr'i Andre ana ana amin'ny tanàna amin'ny tanàna amin'ny tanàna mandritry dia amin'ny tanà
I	. FACILITIES					
1.	Connection Cost	Capacity - 1/sec		No		
		(Labour joint)	1			
2	Water Source from Spring	Capacity - 1/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 1/sec	ï	Ŭnit	14,250,000	14,250,000
		Head 40 m	[	<b> </b>		
6	Main Distribution Pump	Capacity 10 1/sec	3	Unit	9,250,000	27,750,000
	(Submersible Pump)	llead 30 m				
7.	Booster Pump	Capacity - 1/sec	-	Ùnit		~
		llead - m	]			
8	Pump Pit	Capacity — m3		Unit		-
9	Emergency Genset	Capacity 60 KVA	<u> </u>	Ŭnit	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	-	LŠ		-
12	Chlorination	Capacity 2.7 1/hr		Unit	2,460,000	2,460,000
_						
	I. CIVIL WORK		r	1 <del>11</del> - <b>1</b>		
<u> </u>	Break Pressure Tank	Capacity - m3		No No	20 017 005	39,947,895
2	Service Reservoir	Capacity 120 m3	1		39,947,895 120,601,430	120,601,430
3.	Elevatied Tank	Capacity 40 m3	1	No	140,001,430	120,001,400
		Height 15 m		- 11		
4.	llýdrophore	Capacity - m3 W.P kg/cm2	••• ·	No	-	-
	and dan yang bining yang dan sebagaya kanang sana sa kanang sa kina sa sa kanang sa kina sa sa sa sa sa sa sa s	W.P kg/cm2				
	TOTAL CO	ST OF FACILITIES AND	CIVII.	WORI	K ( I + II )	347,179,325
						011,110,000
T	II. PIPE LAYING	ч Т				
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	1,481	m	15,796	23,393,876
		PVC diameter 50 mm	3,982	Ш	9,882	39,350,124
		PVC diameter 40 mm	2,710	m	7,908	21,430,680
	Ĩ	GSP diameter 250 mm		19	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
1		GSP diameter 75 mm	16	ŧ	33,942	543,072
	ľ	GSP diameter 50 mm	44	m	20,454	899,976
		GSP diameter 40 mm	30	m	14,499	434,970
	-			COŜT	OF PIPING	255,462,059
2.	Public Tap		29	No	2,400,000	69,600,000
3.	House Connection		1,148		270,000	309,960,000
	Others	······		<b>-</b> .		29,187,952
5.		for Imported Materials				8,283,000
and an also	ann a fa ann an ann an ann ann ann ann a				an an <sup>an</sup> ann an an an Anna an Anna an Anna an Anna an Anna an Anna.	and a support of the
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE L	<u>AYING</u> (	[ +	$\Pi + \Pi I$ )	1,019,672,336

NAMECODE:21KABUPATEN:MOJOKERIOKECAMATAN:KUTOREJOIK:KUTOREJO

,

PROVINCE : EAST JAVA

VA SERVE

SERVED POPULATION: 16,150

No.						1
<b></b>	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I						
1.	Connection Cost	Capacity - 1/sec	<del></del>	No		
		(Labour joint)				
2.	Water Source from Spring	Capacity - 1/sec		No	· · · · · · · · · · · · · · · · · · ·	
3.	Deep Well	Depth 100 m	1	No	44,170,000	44,170,000
4. 5.	Shallow Well Submersible Pump	Depth m	_	No	_	
5.		Capacity 20 1/sec Head 40 m	1	Unit	14,250,000	14,250,000
6.	Main Distribution Pump	Capacity 10 1/sec	3	Ūn i t	11,500,000	34,500,000
	(Submersible Pump)	Head 60 m	Ű	UNIC	11,000,000	34,000,000
7	Booster Pump	Capacity - 1/sec		Unit		
	********	Head — m				
8.	Pump Pit	Capacity - m3		Unit		
9.	Emergency Genset	Capacity 80 KVA Capacity 3 KI	2	Unit	54,000,000	108,000,000
0.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
$\frac{1}{2}$	Power Station from PLN Chlorination	Lapacity - KVA		LS	_	-
4.	Chiorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
Ŧ	I. CIVIL WORK					
Î.Î	Break Pressure Tank	Capacity - m3				
2. 1	Service. Reservoir	Capacity - m3 Capacity 160 m3		No	-	-
3.	Elevatied Tank	Capacity - m3		No	59,251,750	59,251,750
			_	No	-	-
4.	llydrophore	Height — m Capacity 9 m3	1-	No	24,255,000	
1				NO F	<u> </u>	74 766 11011
		W.P. $6 \text{ kg/cm}^2$			-,,	24,255,000
<u> </u>	Managan na ang kanang ang kanang ang kanang kan I	W.P. 6 kg/cm2			- , ,	
	TOTAL CO			WORK		an a
		OST OF FACILITIES AND		WORK	(1+11)	290,386,750
	LI. PIPE LAVING	DST OF FACILITIES AND	CIVIL		(1+11)	an a
		OST OF FACILITIES AND G PVC diameter 250 mm	CIVIL	m	(1 + 11) 98,466	290,386,750
	LI. PIPE LAVING	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm	<u>CIVIL</u>	m	(1 + 11) 98,466 66,862	290, 386, 750
	LI. PIPE LAVING	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm	<u>CIVIL</u>	m m m	(1 + 11) 98,466 66,862 43,831	290, 386, 750 68, 132, 378 119, 176, 489
	LI. PIPE LAVING	OST OF FACILITIES AND F PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm	<u>CIVIL</u> 1,019 2,719 811	m m m m	(1 + 11) 98,466 66,862 43,831 22,422	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242
	LI. PIPE LAVING	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm	CIVIL 1,019 2,719 811 1,892	m m m	(1 + 11) 98,466 66,862 43,831 22,422 15,796	290,386,750 68,132,378 119,176,489 18,184,242 29,886,032
	LI. PIPE LAVING	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm	CIVIL 1.019 2.719 811 1.892 1.366	m m m m m	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882	290,386,750 68,132,378 119,176,489 18,184,242 29,886,032 13,498,812
	LI. PIPE LAVING	OST OF FACILITIES AND PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm	CIVIL 1,019 2,719 811 1,892 1,366 1,709	M TO TO TO TO D D D	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908	290,386,750 68,132,378 119,176,489 18,184,242 29,886,032
	LI. PIPE LAVING	OST OF FACILITIES AND PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm	CIVIL 1,019 2,719 811 1,892 1,366 1,709 -	m m m m m m m	(1+11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228	290,386,750 
	LI. PIPE LAVING	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 200 mm GSP diameter 150 mm	CIVIL 1,019 2,719 811 1,892 1,366 1,709 - 11	m Tr Da Da Da Da Da Da Da	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 
	LI. PIPE LAVING	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 150 mm	CIVIL 1.019 2.719 811 1.892 1.366 1.709 - 11 80	m m m m m m m	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 1, 655, 544 9, 163, 120
	LI. PIPE LAVING	ST OF FACILITIES AND PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm	CIVIL 1.019 2,719 811 1,892 1,366 1,709 - 11 80 9	m m m m m m m m m	(1 + 11) $98,466$ $66,862$ $43,831$ $22,422$ $15,796$ $9,882$ $7,908$ $211,228$ $150,504$ $114,539$ $72,609$	290,386,750 68,132,378 119,176,489 18,184,242 29,886,032 13,498,812 13,514,772 
	LI. PIPE LAVING	ST OF FACILITIES AND PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 75 mm GSP diameter 75 mm	<u>CIVIL</u> 1,019 2,719 811 1,892 1,366 1,709 - 11 80 9 24	m m m m m m m m m m m	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 
	LI. PIPE LAVING	OST OF FACILITIES AND PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 75 mm PVC diameter 40 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm	CIVIL 1,019 2,719 811 1,892 1,366 1,709 - 11 80 9 24 12 19	m m m m m m m m m m	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 
	LI. PIPE LAYING Piping	OST OF FACILITIES AND PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 75 mm PVC diameter 40 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm	CIVIL 	m m m m m m m m m m m m m T m m T T	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 
	LI_ PIPE LAYING Piping Public Tap	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 75 mm GSP diameter 75 mm GSP diameter 40 mm T	CIVIL 	m m m m m m m m m m m m m	(1 + 11) $98,466$ $66,862$ $43,831$ $22,422$ $15,796$ $9,882$ $7,908$ $211,228$ $150,504$ $114,539$ $72,609$ $33,942$ $20,454$ $14,499$	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 1, 655, 544 9, 163, 120 653, 481 814, 608 245, 448 275, 481 275, 200, 407
	LI. PIPE LAYING Piping Public Tap Jouse Connection	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 75 mm GSP diameter 75 mm GSP diameter 40 mm T	CIVIL 1,019 2,719 811 1,892 1,366 1,709 - 11 80 9 24 12 19 DTAL CO 48	m m m m m m m m m m m m m T m m T T	(1+11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 1, 655, 544 9, 163, 120 653, 481 814, 608 245, 448 275, 481 275, 200, 407 115, 200, 000
•	LI. PIPE LAYING Piping Public Tap Jouse Connection Others	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 50 mm GSP diameter 200 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm The second secon	CIVIL 	m m m m m m m m m m m m m ST No	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING 2,400,000	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 1, 655, 544 9, 163, 120 653, 481 814, 608 245, 448 275, 481 275, 200, 407 115, 200, 000 305, 370, 000
•	LI. PIPE LAYING Piping Public Tap Jouse Connection	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 50 mm GSP diameter 200 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm The second secon	CIVIL 	m m m m m m m m m m m m m ST No	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING 2,400,000	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 1, 655, 544 9, 163, 120 653, 481 814, 608 245, 448 275, 481 275, 200, 407 115, 200, 000
•	LI. PIPE LAYING Piping Public Tap Jouse Connection Others	OST OF FACILITIES AND G PVC diameter 250 mm PVC diameter 200 mm PVC diameter 150 mm PVC diameter 150 mm PVC diameter 75 mm PVC diameter 50 mm GSP diameter 250 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 75 mm GSP diameter 40 mm T T T T T T T T T T T T T	CIVIL 	m m m m m m m m m m m m ST No No	(1 + 11) 98,466 66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 OF PIPING 2,400,000 270,000	290, 386, 750 68, 132, 378 119, 176, 489 18, 184, 242 29, 886, 032 13, 498, 812 13, 514, 772 1, 655, 544 9, 163, 120 653, 481 814, 608 245, 448 275, 481 275, 200, 407 115, 200, 000 305, 370, 000 31, 768, 613

E - 21

.

NAME CODE : 22 KABUPATEN : KECAMATAN : LUMAJANG TEMPEH IKK : TEMPEH

PROVINCE : EAST JAVA SERVED POPULATION:

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-			-			
No.	FACILITIES	SPECIFICATION	QTY.	UNIT		TOTAL PRICE
					(Rupiah)	(Rupiah)
т	. FACILITIES					
$\frac{1}{1.}$	Connection Cost	Capacity - 1/sec	<u> </u>	No	_	 ←
		(Labour joint)				
2.	Water Source from Spring	Capacity - 1/sec		No	· · · · · · · · · · · · · · · · · · ·	_
3.	Deep Well	Depth 80 m	i	No	33,910,000	33,910,000
4.	Shallow Well	Depth — m		No		
5.	Submersible Pump		1	Vnit	14,250,000	14,250,000
<del></del>		llead 40 m				07 750 000
6.	Main Distribution Pump	Capacity 10 1/sec	3	Unit	9,250,000	27,750,000
7,	(Submersible Pump) Booster Pump	Head 30 m Capacity - 1/sec		Unit		
	booster rump			01110	_	
8.	Pump Pit	Head — m Capacity — m3	···· <u>·</u>	Unit		
<u>9</u> .	Emergency Genset	Capacity 60 KVA		Unit	47,250,000	94,500,000
0.	Fuel Tank	Capacity 3 KI	1	No	3,500,000	3,500,000
1.	Power Station from PLN	Capacity - KVA		LS	-	
2.	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
I	I. CIVIL WORK					
	Break Pressure Tank	Capacity — m3	-	No	-	-
	Service Reservoir	Capacity 160 m3		No	59,251,750	59,251,750
•	Elevatied Tank	Capacity — m3 Height — m	-	No	-	· _,
	Hydrophore	Height — m Capacity 9 m3	1	No	24,255,000	24,255,000
·•	nyarophore	W.P. 6 kg/cm2	1	по	<i>4</i> 4, <i>6</i> 00,000	44,200,000
	<u></u>	H.I.				
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WORK	((I+I))	259,876,750
	₩ 1 ₩ Y ₩ 1 ₩ W ₩ 1 ₩ W ₩ W ₩ W ₩ W ₩ W ₩ W ₩ W	Ξοτά - μ <sup>1</sup>	and a second	···· · · ·		
	II. PIPE LAYING					· · · · · · · · · · · · · · · · · · ·
•	Piping	PVC diameter 250 mm /	-	m	98,466	-
		PVC diameter 200 mm PVC diameter 150 mm	1 0 2 0	M	66,862	
		PVC diameter 100 mm	1,636	- <u>m</u>	43,831	71,707,516
Ì		PVC diameter 75 mm	2,971		22,422 15,796	22,511,688 46,929,918
		PVC diameter 50 mm	2,674		9,882	26,424,468
		PVC diameter 40 mm	1,113		7,908	8,801,604
		GSP diameter 250 mm	-	tn i	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	23	m	20,454	470,442
		GSP diameter 40 mm	12	m	14,499	173,988
	D.112. Ø			COST	OF PIPING	186,934,569
	Public Tap		42	No	2,400,000	100,800,000
	House Connection	l	991	No	270,000	267,570,000
	Others Internal Transportation Pee 1	for Imported Notest				26,867,488
	internal transportation ree	ior imported Materials				10,140,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE IA	YING (	I +	11 + 111 \	852,188,807
					11 ' 111 /	004,100,007

NAME CODE : **23** KABUPATEN : LUMAJANG KECAMATAN : KUNIR I K K : KUNIR

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PROVINCE : EAST JAVA

SERVED POPULATION:

'ION: 19,220

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I		·				
1.	Connection Cost	Capacity - l/sec (Labour joint)	~	No	-	
2.	Water Source from Spring	Capacity - 1/sec		No	-	
3.	Deep Well	Depth 100 m	1	No	44,670,000	44,670,00
4.	Shallow Well	Depth - m	-	No		
5.	Submersible Pump	Capacity 25 1/sec Head 40 m	1	Unit	16,750,000	16,750,00
6.	Main Distribution Pump	Capacity 15 1/sec	3	Unit	10,000,000	30,000,00
	(Submersible Pump)	Head 30 m			, ,	
7.	Booster Pump	Capacity — 1/sec Head — m		Unit	-	<u> </u>
8.	Pump Pit	Capacity — m3		Ûn i t		
9.	Emergency Genset	Capacity 80 KVA		Ûnit	54,000,000	108,000,00
io.	Fuel Tank	Capacity 80 KVA Capacity 3 KI		No	3,500,000	3,500,00
11.	Power Station from PLN	Capacity - KVA		LS	-	
2,	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,00
T	I. CIVIL WORK					na an a
$\overline{1.1}$	Break Pressure Tank	Capacity - m3		No		
2.	Service Reservoir	Capacity 150 m3	1	No	49,825,881	49,825,88
3.	Elevatied Tank	Capacity 50 m3	1		151,864,700	151,864,70
		Height 15 m			,,	,,
4.	llydrophore	Capacity - m3	-	No		
		W.P kg/cm2				
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WORI	((I+II)	407,070,58
Т	II. PIPE LAYING					
	Piping	PVC diameter 250 mm	-	m	98,466	
		PVC diameter 200 mm	1,513		66,862	101,162,20
		PVC diameter 150 mm	1,392		43,831	61,012,75
		PVC diameter 100 mm	3,103		22,422	69,575,46
		PVC diameter 75 mm	4,070	8	15,796	64,289,72
		PVC diameter 50 mm	953	m	9,882	9,417,54
		PVC diameter 40 mm	2,411	m	7,908	19,066,18
		GSP diameter 250 mm		m	211,228	-
		GSP diameter 200 mm	17	m	150,504	2,558,56
		GSP diameter 150 mm	65	m	114,539	7,445,03
		GSP diameter 100 mm	34	m	72,609	2,468,70
		GSP diameter 75 mm	45	_ m	33,942	1,527,39
		GSP diameter 50 mm	10	.m	20,454	204,54
		GSP diameter 40 mm	27	M COCT	14,499	391,47
2.	Public Tap			COST	OF PIPING	339,119,59
3.	House Connection	····	58	No	2,400,000	
4.	Others		1,345	No	270,000	363,150,00
5.	Internal Transportation Fee	for Imported Materials		******		36,350,39
		tor imported matchildis			99304 <b>- 1</b> 267 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997	9,519,00
	TOTAL COST OF FACILITIES,					

NAME CODE : 24

KABUPATEN : LUMAJANG KECAMATAN : TEMPURSARI

:

IKK

TEMPURSARI

PROVINCE : EAST JAVA

SERVED POPULATION:

11,480

No.	. FACILITIES	SPECIFICATION	QTY.	UN I T	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
1	. FACILITIES					
1.	Connection Cost	Capacity - 1/sec	-	No		-
2.	Water Source from Spring	(Labour joint) Capacity 15 1/sec		No	29,500,000	29,500,000
3.	Deep Well			No	-	-
4.	Shallow Well	Depth — m Depth — m	· · · · · · · · · · · · · · · · · · ·	No		_
5.	Submersible Pump	Capacity - 1/sec		Unit	-	<u> </u>
-		Head - m				
6.	Main Distribution Pump	Capacity 5 1/sec	4	Ûnit	8,500,000	34,000,000
	(Submersible Pump)	Head 60 m				
7.	Booster Pump	Capacity - 1/sec	-	Unit	-	-
·		llead — m				
8.	Pump Pit	Capacity - m3		Unit	-	
9. 0.	Emergency Genset	Capacity 60 KVA		Ūnit		94,500,000
	Fuel Tank Power Station from PLN	Capacity 3 KI Capacity - KVA	·	No LS	3,500,000	3,500,000
$\frac{1}{2}$ .	Chlorination	Capacity 2.7 1/hr	·····	LS Unit	2,460,000	2,460,000
<i>.</i>			1	onre	2,400,000	2,400,000
I	I. 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		No		
	· · · · · · · · · · · · · · · · · · ·	Height - m				
4.	Nydrophore	Capacity 6.5 m3	1	No	17,517,500	17,517,500
		W.P. 6 kg/cm2				
			CINII	IPOD		105 050 000
	IUTAL CO	ST OF FACILITIES AND	CIVIL	#UK	((I+II)	195,058,200
I	II. PIPE LAYING	, X				
١.	Piping	PVC diameter 250 mm /	-	m	98,466	·····
		PVC diameter 200 mm	- 1	m	66,862	· · · · · · · · · · · · · · · · · · ·
		PVC diameter 150 mm	6,430	m	43,831	281,833,330
		PYC diameter 100 mm	1,228	m	22,422	27,534,216
		PVC diameter 75 mm	605	<u>n</u>	15,796	9,556,580
	· · · · ·	PVC diameter 50 mm	899	<u>m</u>	9,882	8,883,918
		PVC diameter 40 mm	474	m	7,908	3,748,392
		GSP diameter 250 mm GSP diameter 200 mm		TA	211,228	
		GSP diameter 150 mm	71		150,504	-
		GSP diameter 100 mm	14		114,539 72,609	8,132,269
		GSP diameter 75 mm		m .m	33,942	1,016,526 305,478
		GSP diameter 50 mm	8		20,454	163,632
	-	GSP diameter 40 mm	<u>6</u> - -	m m	14,499	86,994
	· · ·			COST	OF PIPING	341,261,335
	Public Tap			No	2,400,000	55,200,000
. 1	House Connection	***************************************		No	270,000	247,860,000
	Others		•••••••	· · · · · <b>I</b> ·		28,808,488
	Internal Transportation Fee	for Imported Materials				8,854,000
	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE IA	YING (	ī +		877,042,023
			1110 (	1	<u>, , , , , , , , , , , , , , , , , , , </u>	011,046,060

NAME CODE : 25 KABUPATEN : PROBOLINGGO KECAMATAN : BANYUANYAR IKK : BANYUANYAR

PROVINCE : EAST JAVA

TAVA SPR

SERVED POPULATION:

No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
Ι	. FACILITIES	•				
1.	Connection Cost	Capacity - l/sec (Labour joint)	-	No	_	-
2.	Water Source from Spring	Capacity - 1/sec	-	No		
3.	Deep Well	Depth — m Depth 50 m	-	No		
4.	Shallow Well	Depth 50 m	3	No		91,455,000
5.	Submersible Pump	Capacity 10 1/sec	3	Unit	9,500,000	28,500,000
		Head 40 m				
6.	Main Distribution Pump	Capacity 10 1/sec	. 3	Unit	9,250,000	27,750,000
	(Submersible Pump)	llead 40 m			*****	
7.	Booster Pump	Capacity - 1/sec Head - m	-	Ûnit	-	-
8.	Pump Pit	Capacity m3 Capacity 60 KVA		Unit	-	
9.	Emergency Genset	Capacity 60 KVA	2	Ünit		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 1/hr	1	Unit	2,460,000	2,460,000
I	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity - m3	I –	No	-	-
2	Service. Reservoir	Capacity 160 m3	1	No	59,251,750	59,251,750
3.	Elevatied Tank	Capacity - m3		No	-	
		lleight — m		[]		
4.	llydrophore	Capacity 9 m3	1	No	24,255,000	24,255,000
		W.P. 6 kg/cm2	1			-
:	TOTAL CO	ST OF FACILITIES AND	CIVIL	WOR	K (I + II )	331,671,750
Ι	II. PIPE LAYING	α. F				
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	1,914	.m	22,422	42,915,708
		PVC diameter 75 mm	3,984	m	15,796	62,931,264
		PVC diameter 50 mm	322	. <u>m</u>	9,882	3,182,004
	•	PVC diameter 40 mm	1,729	m	7,908	13,672,932
	· · · · · · · · · · · · · · · · · · ·	GSP diameter 250 mm		10	211,228	
		GSP diameter 200 mm		<u>m</u>	150,504	-
		GSP diameter 150 mm GSP diameter 100 mm	6	m	114,539	687,234
		GSP diameter 100 mm GSP diameter 75 mm	600 46		72,609	43,565,400
		GSP diameter 75 mm GSP diameter 50 mm	40 6	 	33,942	
		GSP diameter 40 mm	<u>6</u>	 	20,454 14,499	122,724 86,994
			TOTAL	COST	OF PIPING	190,246,613
2	Public Tap	L	33	No	2,400,000	79,200,000
3	House Connection		1,306		270,000	352,620,000
4.	Others		,	1. M. I		29,708,025
5	Internal Transportation Fee	for Imported Materials	••••			9,671,000
						0,011,000
-	TOTAL COST OF FACILITIES,	CIVIL WORK AND PIPE L	AVING (	(]+	II + III )	993,117,388

NAME CODE : 26

PROBOLINGGO SUMBERASIH KABUPATEN :

: KECAMATAN I K K SUMBERASII

PROVINCE : EAST JAVA

SERVED POPULATION:

9,860

No. FACILITIES	SPECIFICATION	QTY. UN	IIT UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
I. FACILITIES				
. Connection Cost	Capacity - 1/sec	- N	0	
	(Labour joint)			
. Water Source from Spring . Deep Well	Capacity - 1/sec		0	22 010 000
. Shallow Well	Depth 80 m Depth - m		o 33,910,000 o -	33,910,000
. Submersible Pump	Depth — m Capacity 15 1/sec	1 Un		11,000,000
• Outmerstore rump	Head 40 m		11,000,000	11,000,000
. Main Distribution Pump	Capacity 5 1/sec	4 Un	it 8,000,000	32,000,000
(Submersible Pump)	llead 30 m			
. Booster Pump	Capacity - l/sec	– Un	iu –	
	Head - m			
. Pump Pit . Emergency Genset	Capacity - m3	– Un	iti —	-
. Fuel Tank	Capacity 60 KVA Capacity 3 KI	2 Un 1 N		94,500,000 3,500,000
Power Station from PLN	Capacity 3 KI Capacity - KVA	- L		5,500,000
. Chlorination	Capacity 2.7 1/hr	1 Un		2,460,000
ала на полити и сили и сили сили сили и сили си Кака на полити и сили сили сили сили сили сили сил				0,100,000
II. CIVIL WORK				
Break Pressure Tank	Capacity - m3	- N		-
Service Reservoir	Capacity 90 m3	1 N		30,939,000
. Elevatied Tank	Capacity 30 m3	1 N	96,864,300	96,864,300
. Ilydrophore	Height 15 m	·····		
. uxarabnois	Capacity - m3 W.P kg/cm2	- N	o –	
	<u> </u>			
τοτλι. (	COST OF FACILITIES AND	CIVIL W	)RK (1 + 11 )	305,173,300
			na z 1964 się ogrania za 200 któr i na zastara osmopia zdaja 19	
III. PIPE LAYIN				
			1	· · · · · · · · · · · · · · · · · · ·
Piping	PVC diameter 250 mm /	— m	98,466	
1 1 1 1 1 1 1 5	PVC diameter 200 mm	. – m	66,862	
	PVC diameter 200 mm PVC diameter 150 mm	- m 1,611 m	66,862 43,831	70,611,741
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm	— m 1,611 m 1,224 m	66,862 43,831 22,422	27,444,528
1 1 1 1 1 1 1 1 5	PVC diameter 200 mm PVC diameter 150 mm	- m 1,611 m 1,224 m 3,407 m	66,862 43,831 22,422 15,796	27,444,528 53,816,972
119106	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm	- m 1,611 m 1,224 m 3,407 m	66,862 43,831 22,422 15,796 9,882	27,444,528 53,816,972 7,658,550
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm	- m 1,611 m 1,224 m 3,407 m 775 m	66,862 43,831 22,422 15,796 9,882 7,908	27,444,528 53,816,972
1 1 9 1 11 6	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm		66,862 43,831 22,422 15,796 9,882	27,444,528 53,816,972 7,658,550
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539	27,444,528 53,816,972 7,658,550
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 100 mm		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609	27,444,528 53,816,972 7,658,550 8,342,940 - 7,788,652 943,917
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942	27,444,528 53,816,972 7,658,550 8,342,940 - - 7,788,652 943,917 1,357,680
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm		$\begin{array}{r} 66,862\\ 43,831\\ 22,422\\ 15,796\\ 9,882\\ \hline 7,908\\ 211,228\\ 150,504\\ 114,539\\ \hline 72,609\\ 33,942\\ 20,454\\ \end{array}$	27,444,528 53,816,972 7,658,550 8,342,940 
1 1 1 1 1 1 1 1 5	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm		$\begin{array}{r} 66,862\\ 43,831\\ 22,422\\ 15,796\\ 9,882\\ 7,908\\ 211,228\\ 150,504\\ 114,539\\ 72,609\\ 33,942\\ 20,454\\ 14,499\\ \end{array}$	27,444,528 53,816,972 7,658,550 8,342,940 
	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 T OF PIPING	27,444,528 53,816,972 7,658,550 8,342,940 
Public Tap	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 T OF PIPING 2,400,000	27,444,528 53,816,972 7,658,550 8,342,940 
	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 50 mm GSP diameter 40 mm		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 T OF PIPING 2,400,000	27,444,528 53,816,972 7,658,550 8,342,940 - 7,788,652 943,917 1,357,680 224,994 188,487 178,378,461 48,000,000 213,030,000
Public Tap House Connection	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 50 mm GSP diameter 40 mm T		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 T OF PIPING 2,400,000	27,444,528 53,816,972 7,658,550 8,342,940 - 7,788,652 943,917 1,357,680 224,994 188,487 178,378,461 48,000,000 213,030,000 24,517,403
Public Tap House Connection Others	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 50 mm GSP diameter 40 mm T T for Imported Materials		66,862 43,831 22,422 15,796 9,882 7,908 211,228 150,504 114,539 72,609 33,942 20,454 14,499 T OF PIPING 2,400,000 270,000	27,444,528 53,816,972 7,658,550 8,342,940 - 7,788,652 943,917 1,357,680 224,994 188,487 178,378,461 48,000,000 213,030,000

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• .	NAME CODE : 27 KABUPATEN : GIANYAR KECAMATAN : TAMPAKSIRING I K K : TAMPAKSIRING	PROVINCE : BALI		SERV	ED POPULATION:	8,730
No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
т	. FACILITIES	, ,				
$\overline{1.1}$	Connection Cost	Capacity - 1/sec	I –	No		
		(Labour joint)	ļ		and the second second	
2.	Water Source from Spring	Capacity 10 1/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 - 1/sec	-	Unit		_
6.	Main Distribution Pump	llead — m Capacity 5 l/sec	·····	Ûn i t	0.000.000	
·	(Submersible Pump)	Head 40 m		0111	8,000,000	24,000,000
7.	Booster Pump	Capacity - 1/sec	}····_···	Unit		
		Head — m				
8.	Pump Pit	Capacity - m3		Unit		
9.	Emergency Genset	Capacity 40 KVA	2	Unit	33,000,000	66,000,000
0.	Fuel Tank	Capacity 2 KI		No	2,500,000	2,500,000
1, ]	Power Station from PLN	Capacity - KVA	-	ĽŠ		
2.]	Chlorination	Capacity 2.7 1/hr	1	Unit	2,460,000	2,460,000
r	T CIVIL WORK					
	I. CIVIL WORK Break Pressure Tank	Capacity - m3		No	r	
$\frac{1}{2}$	Service Reservoir	Capacity — m3 Capacity 20 m3	······································	No	13,357,000	
3.	Elevatied Tank	Capacity 20 m3	<u>1</u> -	No	71,757,630	71,757,630
	broyavioa rank	Height 11.5 m			11,101,000	11,101,000
4.	Hydrophore	Capacity - m3		No		
		W.P kg/cm2				
	TOTAL CO	OST OF FACILITIES AND	CIVIL	WORI	((I+II))	199,574,630
	ТТ X\X X\X\ 7 А XY 7 ЪУ.			a de sin de s	**************************************	
	<u>II. PIPE LAYING</u> Piping		·	TT	100 007	
1 1	L I D I UR	PVC diameter 250 mm PVC diameter 200 mm		<u>.</u>	100,927	
1.					68,533 44,927	33,100,200
1.	the second se	PVL diameter isi mm	111	1 m 1		
•		PVC diameter 150 mm PVC diameter 100 mm	777	<u></u>		
		PVC diameter 100 mm	3,440	m	23,003	75,680,000
		PVC diameter 100 mm PVC diameter 75 mm	3,440 1,118	m m	23,003 16,191	75,680,000 18,223,400
		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm	3,440 1,118 1,162	m	23,003 16,191 10,129	75,680,000 18,223,400 12,201,000
		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm	3,440 1,118	m m m	23,003 16,191 10,129 8,106	75,680,000 18,223,400 12,201,000 42,235,200
1.		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm	3,440 1,118 1,162 5,028 -	m m m m	23,003 16,191 10,129 8,106 216,509 154,266	75,680,000 18,223,400 12,201,000
		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm	3,440 1,118 1,162 5,028 - - - 9	m m m m	23,003 16,191 10,129 8,106 216,509 154,266 117,402	75,680,000 18,223,400 12,201,000 42,235,200 
		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 100 mm	3,440 1,118 1,162 5,028 	m m m m R	23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424	75,680,000 18,223,400 12,201,000 42,235,200 - - 1,056,600 2,827,200
		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm	3,440 1,118 1,162 5,028 - - - - - - - 38 12	m m m ra ra ra ra	23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790	75,680,000 18,223,400 12,201,000 42,235,200 - - 1,056,600 2,827,200 417,600
1.		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm	3,440 1,118 1,162 5,028  - - 9 38 12 13	- m m m r0 r0 r0 r0 r0 r0 r0 r0 r0 r0 r0 r0 r0	$\begin{array}{r} 23,003\\ 16,191\\ 10,129\\ 8,106\\ 216,509\\ 154,266\\ 117,402\\ 74,424\\ 34,790\\ 18,864\\ \end{array}$	75,680,000 18,223,400 12,201,000 42,235,200 - - 1,056,600 2,827,200 417,600 244,400
ι <b>.</b>		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	3,440 1,118 1,162 5,028  - - 9 38 12 13 55	m m m ra ra ra ra ra ra	$\begin{array}{r} 23,003\\ 16,191\\ 10,129\\ 8,106\\ 216,509\\ 154,266\\ 117,402\\ 74,424\\ 34,790\\ 18,864\\ 14,861\\ \end{array}$	75,680,000 18,223,400 12,201,000 42,235,200 
	Public Tan	PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	3,440 1,118 1,162 5,028 	m m m ta ta ta ta ta ta ta ta ta ta ta ta ta	23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING	75,680,000 18,223,400 12,201,000 42,235,200 
	Public Tap House Connection	PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	3,440 1,118 1,162 5,028 	m m m ta ta ta ta m m ta m ta ta ta ta ta ta ta ta ta ta ta ta ta	23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING 2,450,000	75,680,000 18,223,400 12,201,000 42,235,200 
	House Connection	PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	3,440 1,118 1,162 5,028 	m m m ta ta ta ta ta ta ta ta ta ta ta ta ta	23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING	75,680,000 18,223,400 12,201,000 42,235,200 
		PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 50 mm GSP diameter 40 mm	3,440 1,118 1,162 5,028 - - 9 38 12 13 55 TOTAL 26 611	m m m ta ta ta ta m m ta m ta ta ta ta ta ta ta ta ta ta ta ta ta	23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING 2,450,000	75,680,00 18,223,40 12,201,00 42,235,20 

NAME CODE	:	28	
KABUPATEN	:	GIANYAR	
KECAMATAN	:	SUKAWATI	
IKK	:	KETEWEL	PROVINCE : BALI

SERVED POPULATION:

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o. FACILITIES	SPECIFICATION	QTY. UN	TUNIT PRICE (Rupiab)	TOTAL PRICE (Rupiah)
I. FACILITIES				
. Connection Cost	Capacity - 1/sec (Labour joint)	- No	)	_
. Water Source from Spring	Capacity - 1/sec	— No		-
. Deep Well	Depth 80 m	1 No		-
. Shallow Well	Depth - m	- No		
. Submersible Pump	Capacity 15 1/sec Head 40 m	l Uni	t 11,000,000	11,000,00
. Main Distribution Pump	Capacity 5 1/sec	4 Uni	t 8,000,000	32,000,00
(Submersible Pump)	Head 40 m			
Booster Pump	Capacity — l/sec Head — m	– Úni	t	· · · <u>-</u> · · · · ·
. Pump Pit	1 $1$ $2$ $2$ $2$ $1$ $1$ $2$ $1$ $1$ $2$ $1$ $1$ $2$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$	— Uni	t –	-
Emergency Genset	Capacity - m3 Capacity 60 KVA	2 Uni		94,500,00
Fuel Tank	Capacity 3 Kl	l No		3,500,00
Power Station from PLN	Capacity - KVA	- 1.S		-
Chlorination	Capacity 2.7 1/hr	l Uni	t 2,460,000	2,460,00
II. CIVIL WORK				
Break Pressure Tank	Capacity - m3	– No		
Service Reservoir	Capacity 90 m3	l No		36,289,17
Elevatied Tank	Capacity 30 m3	1 No	91,863,200	91,863,20
Hydrophore	Height 10.5 m Capacity - m3			
nyarophore	Capacity — m3 W.P. — kg/cm2	- No	-	
TOTAL	COST OF FACILITIES AND	CIVIL WO	RK (1+11)	271,612,37
			100.000	
1 Piping	EFYL ALAMOTOR /511 am E	i m	1 100 027 1	
Piping	PVC diameter 250 mm /		100,927	
Piping	PVC diameter 200 mm	- m	68,533	
Piping	PVC diameter 200 mm PVC diameter 150 mm	- m 3,714 m	68,533 44,927	166,858,87
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm	- m	68,533 44,927 23,003	166,858,87 89,803,71
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm	- m 3,714 m 3,904 m	68,533 44,927	166,858,87 89,803,71 30,277,170
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm	- m 3,714 m 3,904 m 1,870 m	68,533 44,927 23,003 16,191	166,858,87 89,803,71 30,277,17( 26,993,78
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm	- m 3,714 m 3,904 m 1,870 m 2,665 m	68,533 44,927 23,003 16,191 10,129 8,106 216,509	166,858,873 89,803,712 30,277,17( 26,993,785
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm	- m 3,714 m 3,904 m 1,870 m 2,665 m 4,491 m - m - m	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266	166,858,877 89,803,717 30,277,170 26,993,783 36,404,046
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm	- m 3,714 m 3,904 m 1,870 m 2,665 m 4,491 m - m - m 91 m	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402	166,858,873 89,803,712 30,277,170 26,993,785 36,404,046 
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 200 mm GSP diameter 150 mm		68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424	166,858,871 89,803,712 30,277,170 26,993,781 36,404,041 
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm	- m 3,714 m 3,904 m 1,870 m 2,665 m 4,491 m - m 91 m 43 m 21 m	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790	166,858,873 89,803,712 30,277,170 26,993,785 36,404,046 
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm	- m 3,714 m 3,904 m 1,870 m 2,665 m 4,491 m - m 91 m 43 m 21 m 29 m	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864	166,858,878 89,803,712 30,277,170 26,993,788 36,404,046 - - 10,683,582 3,200,232 730,590 547,056
Piping	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	- m 3,714 m 3,904 m 1,870 m 2,665 m 4,491 m - m 91 m 43 m 21 m 29 m	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861	166,858,872 89,803,712 30,277,170 26,993,781 36,404,046 - - 10,683,582 3,200,232 730,590 547,056 728,189
	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	-         m           3,714         m           3,904         m           1,870         m           2,665         m           4,491         m           -         m           91         m           21         m           29         m           49         m           OTAL         COST	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING	166,858,878 89,803,712 30,277,170 26,993,788 36,404,046 
Piping Public Tap House Connection	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	-         m           3,714         m           3,904         m           1,870         m           2,665         m           4,491         m           -         m           91         m           21         m           29         m           49         m           0TAL         COST           19         No	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING 2,450,000	166,858,877 89,803,717 30,277,170 26,993,781 36,404,046 
Public Tap	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 100 mm GSP diameter 100 mm GSP diameter 75 mm GSP diameter 50 mm GSP diameter 40 mm	-         m           3,714         m           3,904         m           1,870         m           2,665         m           4,491         m           -         m           91         m           21         m           29         m           49         m           OTAL         COST	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING	166,858,878 89,803,712 30,277,170 26,993,788 36,404,046 
Public Tap House Connection	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 50 mm GSP diameter 40 mm	-         m           3,714         m           3,904         m           1,870         m           2,665         m           4,491         m           -         m           91         m           21         m           29         m           49         m           0TAL         COST           19         No	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING 2,450,000	166,858,872 89,803,717 30,277,170 26,993,783 36,404,046 
Public Tap House Connection Others	PVC diameter 200 mm PVC diameter 150 mm PVC diameter 100 mm PVC diameter 75 mm PVC diameter 50 mm PVC diameter 40 mm GSP diameter 250 mm GSP diameter 150 mm GSP diameter 150 mm GSP diameter 50 mm GSP diameter 40 mm T T For Imported Materials	-         m           3,714         m           3,904         m           1,870         m           2,665         m           4,491         m           -         m           91         m           -         m           2,665         m           4,491         m           -         m           91         m           29         m           29         m           19         No           740         No	68,533 44,927 23,003 16,191 10,129 8,106 216,509 154,266 117,402 74,424 34,790 18,864 14,861 OF PIPING 2,450,000 288,000	166,858,877 89,803,717 30,277,170 26,993,785 36,404,046 

NAME CODE : 29 NAME CODE : 20 KABUPATEN : KARANGASEM KECAMATAN : RENDANG I K K : MENANGA

PROVINCE : BALL SERVED POPULATION: -

No.	FACILITIES	SPECIFICATION	QTY.	דואט	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)
1	. FACILITIES	•				
1.	Connection Cost	Capacity - 1/sec	-	No	~	
		(Labour joint)				
2	Water Source from Spring Deep Well	Capacity 10 1/sec	ļl	No No	19,500,000	19,500,000
3. 4.	Shallow Well	Depth — m Depth — m		No		
5	Submersible Pump	Capacity - 1/sec		Unit		
		Head m				
6.	Main Distribution Pump	Capacity 5 1/sec	3	Ùn i t	9,000,000	27,000,000
	(Submersible Pump)	Head 80 m				
7.	Booster Pump	Capacity 5 1/sec	2	Unit	8,500,000	17,000,000
		Head 60 m Capacity 5 1/sec	······································	Unit	9,000,000	18,000,000
		Nead 80 m	. 4	0110	3,000,000	10,000,000
		Capacity 5 1/sec	2	Un i t	8,500,000	17,000,000
		Head 60 m			.,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Alexandra de la companya de la comp	Capacity 5 1/sec	4	Unit	9,000,000	36,000,000
		Head 80 m				
8.	Pump Pit	Capacity 1.5 m3	2	Unit	7,250,000	14,500,000
	Program Conset	Capacity 3 m3	3	Unit	12,200,000	36,600,000
9.	Emergency Genset	Capacity 20 KVA Capacity 40 KVA	4 č	Unit Unit	11,250,000 33,000,000	45,000,000 198,000,000
		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 1/hr	1	Unit	2,460,000	2,460,000
Т	I. CIVIL WORK					
1.	Break Pressure Tank	Capacity 1.5 m3	3	No	8,500,000	25,500,000
2	Service Reservoir	Capacity 20 m3	·····	No	13,357,000	13,357,000
3	Elevatied Tank	Capacity - m3		No	-	-
		Height - m				
4.	Hydrophore	Capacity 5 m3		No	13,475,000	13,475,000
		W.P. 8 kg/cm2				
		Capacity 3 m3	2	No	6,612,500	13,225,000
		W.P. 8 kg/cm2 Capacity 2 m3			4 007 500	4 007 500
	· · · · · · · · · · · · · · · · · · ·	Capacity 2 m3 W.P. 8 kg/cm2	1	No	4,887,500	4,887,500
		Capacity 3 m3	1	No	6,612,500	6,612,500
	· · · · · · · · · · · · · · · · · · ·	W.P. 6 kg/cm2	-		.,,	0,014,000
		Capacity 2 m3	1	No	4,887,500	4,887,500
		₩.P. 6 kg/cm2				
TOTAL COST OF FACILITIES AND CIVIL WORK (I + II)					615,004,500	

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NAME CODE : 29 KABUPATEN : KARANGASEM KECAMATAN : RENDANG IKK :

MENANGA

PROVINCE : BALI

SERVED POPULATION:

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No.	FACILITIES	SPECIFICATION	QTY.	דואט	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	2,099	n i	10,129	21,260,771	
		PVC diameter 40 mm	4,303	m	8,106	34,880,118	
		GSP diameter 250 mm	-	m	216,509	-	
		GSP diameter 200 mm	-	ħ	154,266		
		GSP diameter 150 mm	18	n	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	47	m	14,861	698,467	
				COST	OF PIPING	228,760,634	
2.	Public Tap		12	No	2,450,000	29,400,000	
3.	House Connection		461	No	288,000	132,768,000	
4. Others						47,297,782	
5. Internal Transportation Fee for Imported Materials						61,759,000	
TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (1 + 11 + 111)					1,114,989,916		

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NAME CODE : **30** Kabupaten : Karangase Kecamatan : Bebandan IKK : SÍBETAN

KARANGASEM

#### PROVINCE : BALI

SERVED POPULATION:

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No.	FACILITIES	SPECIFICATION	QTY.	UNIT	UNIT PRICE (Rupiah)	TOTAL PRICE (Rupiah)	
I. FACILITIES							
1.	Connection Cost	Capacity - 1/sec (Labour joint)	-	No			
2.	Water Source from Spring Deep Well	Capacity 12 1/sec Depth — m	1	No No	7,800,000	7,800,000	
4.	Shallow Well	Depth - m		No			
5.	Submersible Pump	Capacity - 1/sec Head - m	_	Unit		-	
6.	Main Distribution Pump	Capacity 5 1/sec	4	Ūnit	9,000,000	36,000,000	
	(Submersible Pump)	Head 80 m					
7.	Booster Pump	Capacity 5 1/sec Head 80 m		Ūnit		36,000,000	
8.	Pump Pit	Capacity 9 m3		Unit		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 1/hr	]	Unit	2,460,000	2,460,000	
	I. 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		No	_		
-•		W.P kg/cm2				· •	
	TOTAL CO	ST OF FACILITIES AND	CIVIL	WOR	((I+II))	408,249,579	
	II. 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	<u>.</u>	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 PVC diameter 40 mm	4,467	_m 	10,129	45,246,243	
		PVC diameter 40 mm GSP diameter 250 mm	4,421	m	8,106	35,836,626	
		GSP diameter 200 mm	12	. <u>m</u>	216,509	1 051 102	
		GSP diameter 150 mm	14	10 	154,266 117,402	1,851,192	
		GSP diameter 100 mm	3]	0 10	74,424	1,643,628 2,307,144	
		GSP diameter 75 mm	5		34,790	173,950	
		GSP diameter 50 mm	49	 n	18,864	924,336	
		GSP diameter 40 mm	49	 m	14,861	728,189	
•				COST	OF PIPING	291,133,117	
2.	Public Tap	· · ·	19	No	2,450,000	46,550,000	
3	House Connection	······································	777	No	288,000	223,776,000	
4.	Others	<b>.</b>				34,085,627	
5. Internal Transportation Fee for Imported Materials						28,260,000	
•	TOTAL COST OF FACILITIES, CIVIL WORK AND PIPE LAYING (I + II + III) 1,032,054,33						
R = 91							