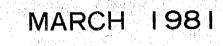
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RURAL WATER SUPPLY DEVELOPMENT PROJECT

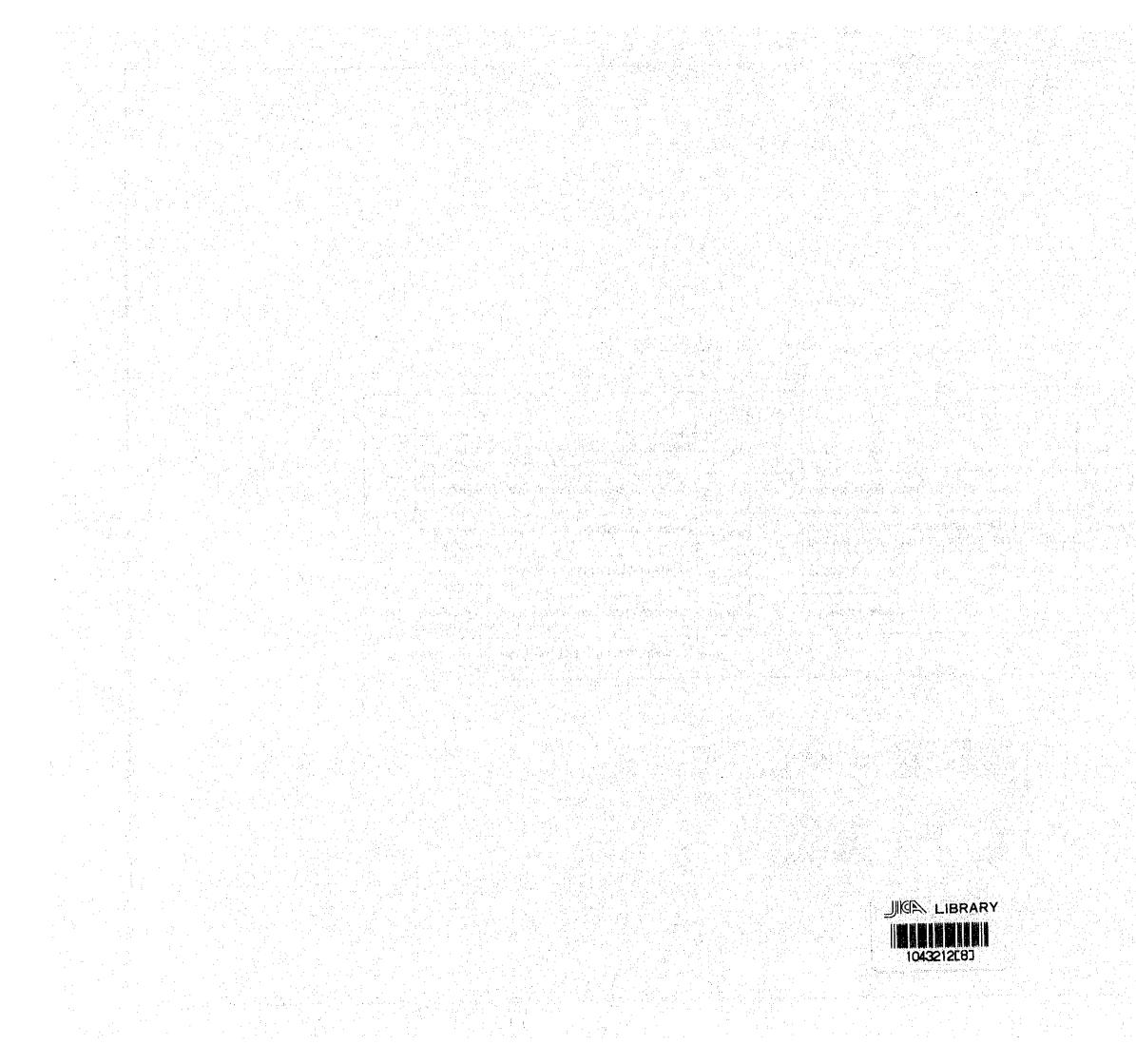




JAPAN INTERNATIONAL COOPERATION AGENCY

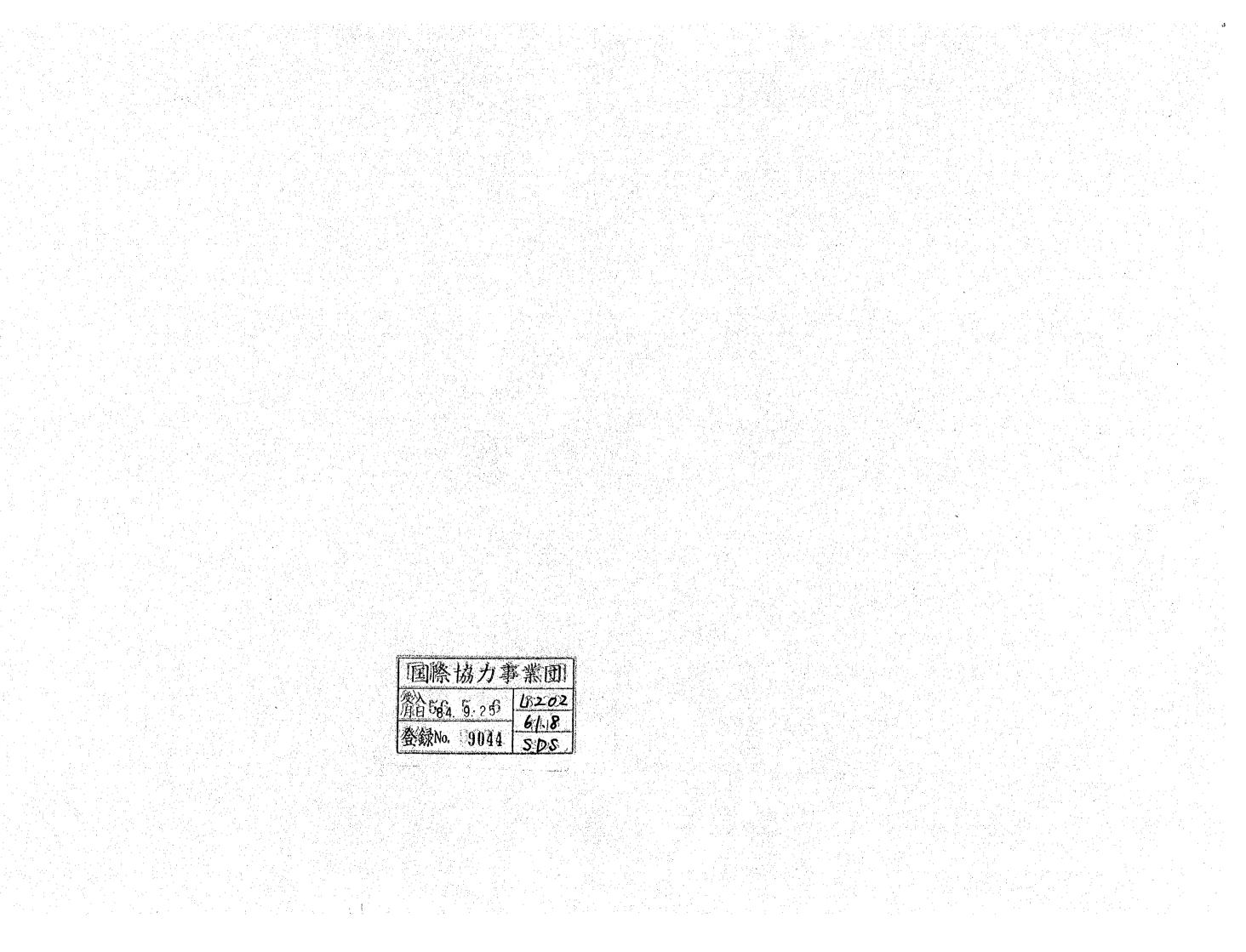
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No. 8 SDS 81-29



61.8 SDS

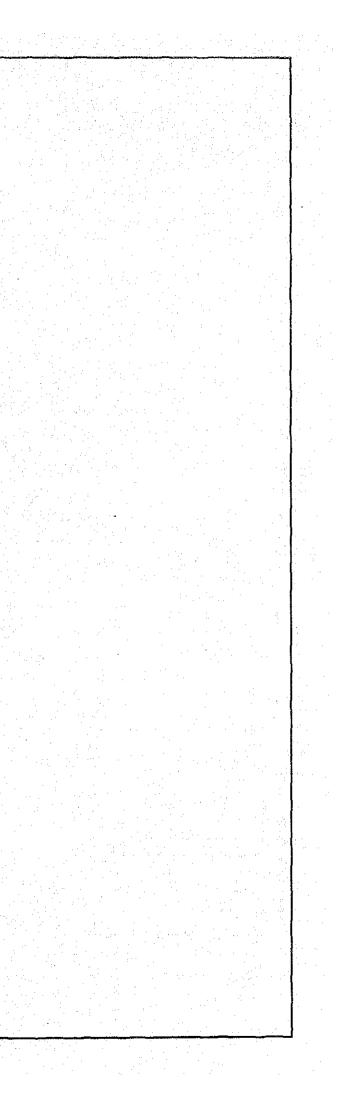
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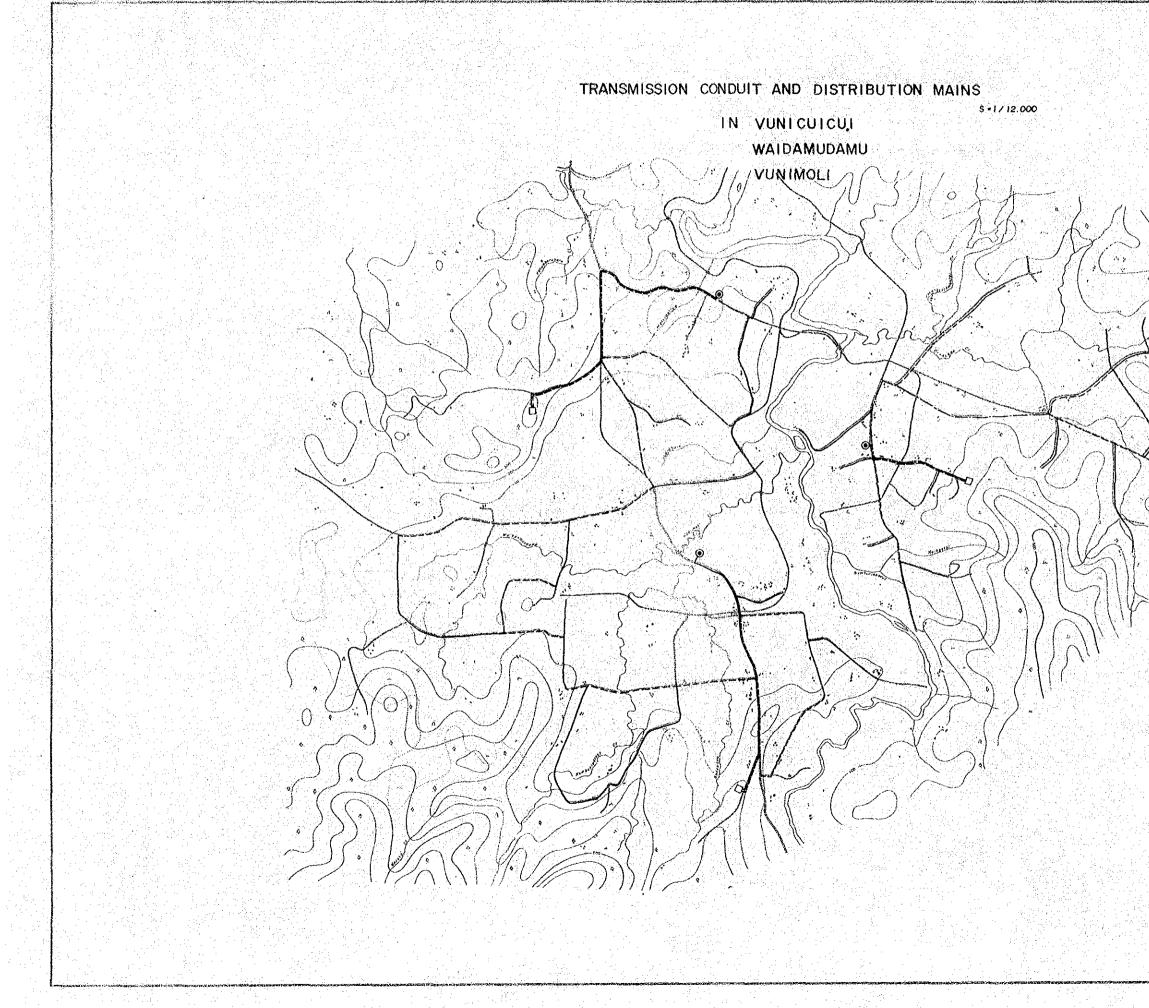


NO.	TITLE	SCALE	NO.	TITLE	SCALE
1	TRANSMISSION CONDULT AND DISTRIBUTION MAINS IN VUNICUICUI, WAIDAMUDAMU, VUNIMOLI	1712,000	7	PUMP HOUSE	1750
2	TRANSMISSION CONDUIT AND DISTRIBUTION MAINS	1/12,000	8	DISTRIBUTION TANK (HUME'S TANK)	1/40,1/50
3	TRANSMISSION CONDUIT AND DISTRIBUTION MAINS	1712,000	9	DETAIL OF FOOT OPERATED PUMP WELL COMMON TAPS, VILLAGE WATER SUPPLY SYSTEM	1/20,1/50
4	TRANSMISSION CONDUIT AND DISTRIBUTION MAINS	1/12,000	10	ELEVATED WATER TANK (FRP PANEL TANK)	1/20
5	STANDARD TRENCH DIMENSION SETTIEMENTS COMMON TAP SYSTEM	1/20	II.	SHOWER HOUSE	1/50
6	PIPE ANCHORING FOR TEE & 90° BEND, RIVER CROSSING	1/10,1/50			

DRAWING LIST

URAWING LIJI





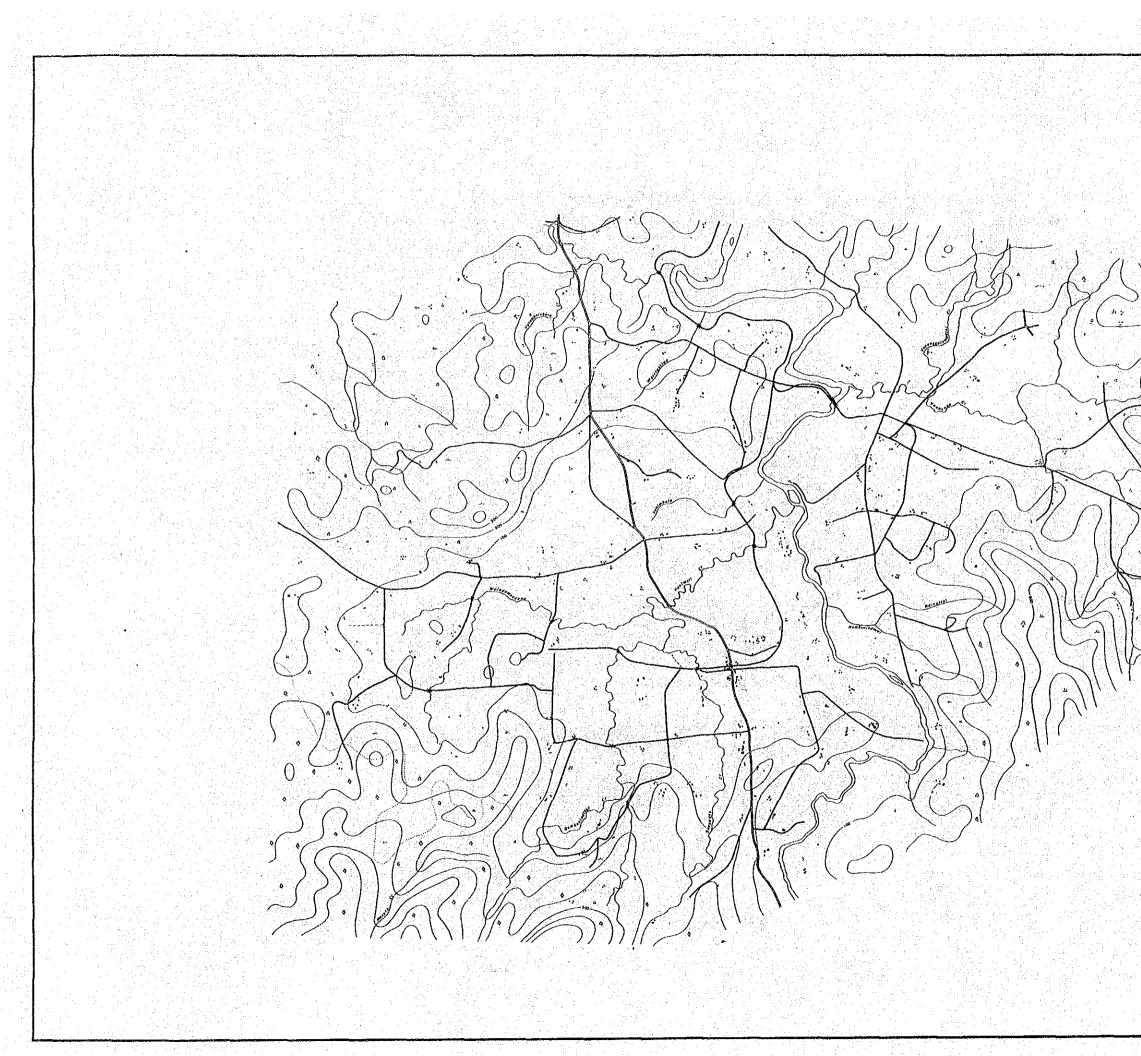
FIJI BASIC DESIGN STUDY PHASE (II)
 RURAL WATER SUPPLY DEVELOPMENT

 SYSTEM
 TRANSMISSION CONDUIT AND

 DISTRIBUTION
 MAINS IN

 VUNCUICUI, WAIDAMUDAMU, VUNIMOLI
 DWG.NO: 1

 SCALE 11/12000
 DATE
JAPAN INTERNATIONAL COOPERATION AGENCY LEGEND • WELL DISTRIBUTION TANK OR TRANSMISSION CONDULT DISTRIBUTION MAINS + 100 + 4.75 + **• 50**



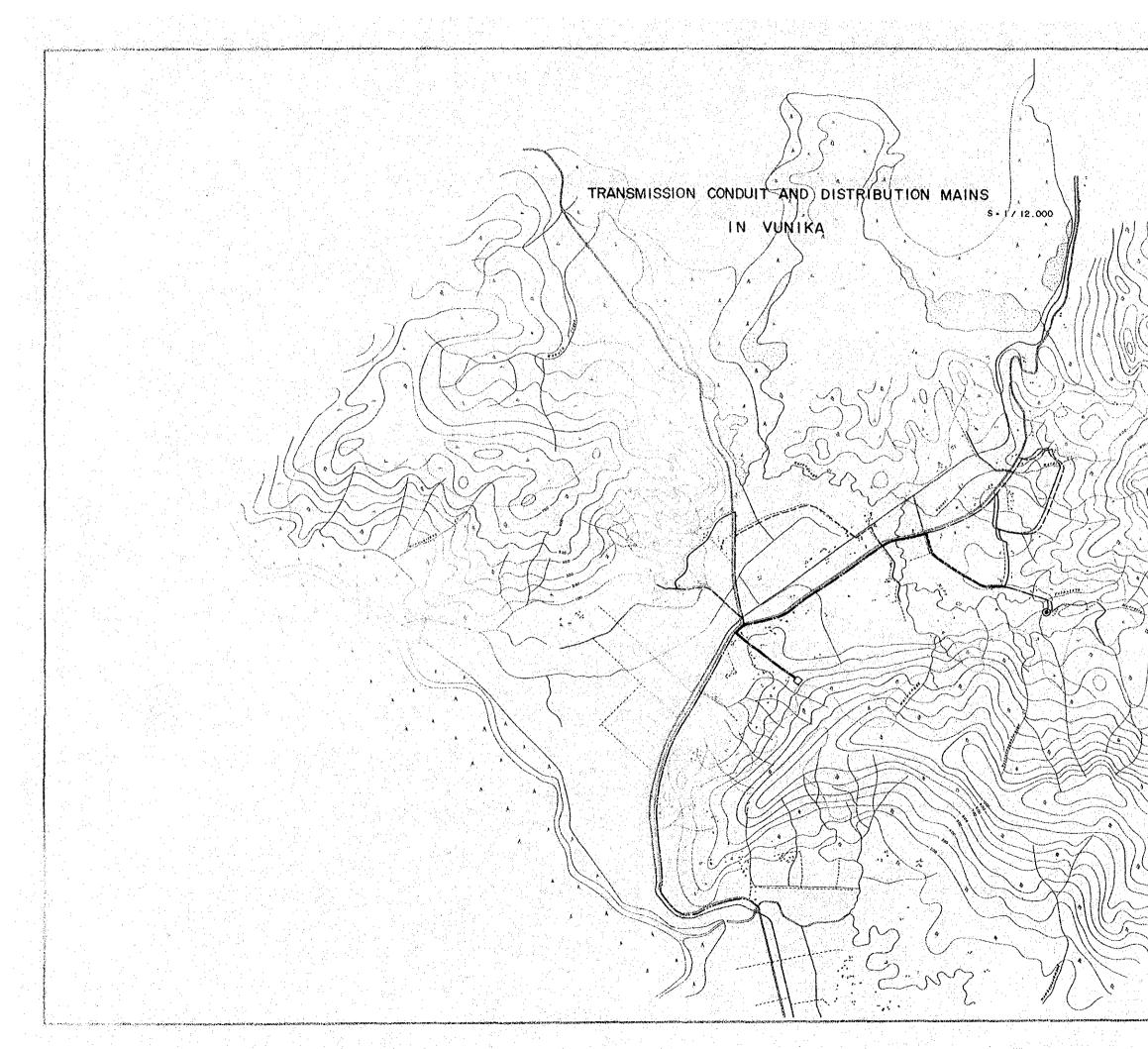
FIJI BASIC DESIGN STUDY PHASE (II)
 RURAL WATER SUPPLY DEVELOPMENT

 SYSTEM:
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 CONDUIT
 AND

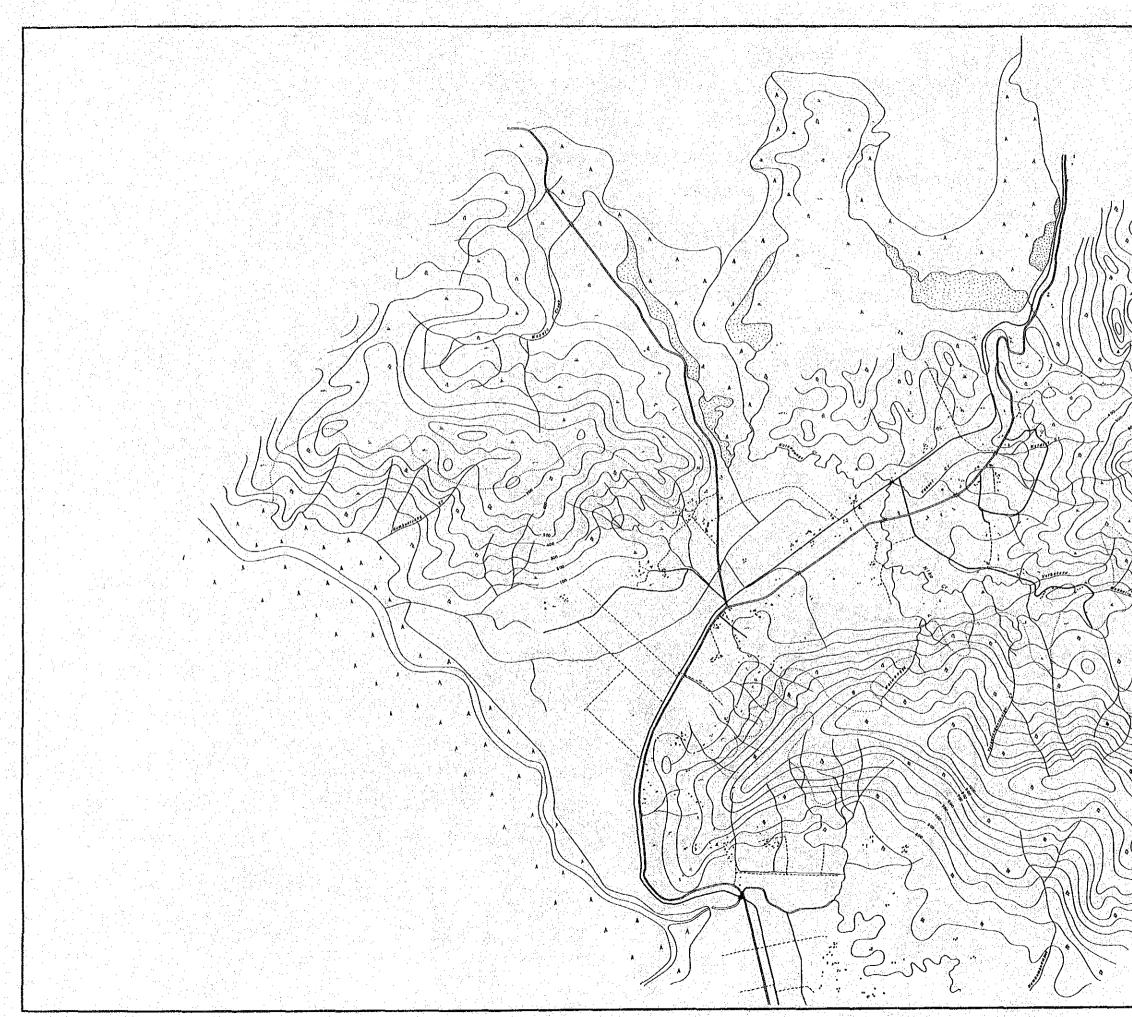
 DISTRIBUTION
 MAINS
 IN

 VUNICULUI
 WAIDAMUDAMU
 VUNIMOLI

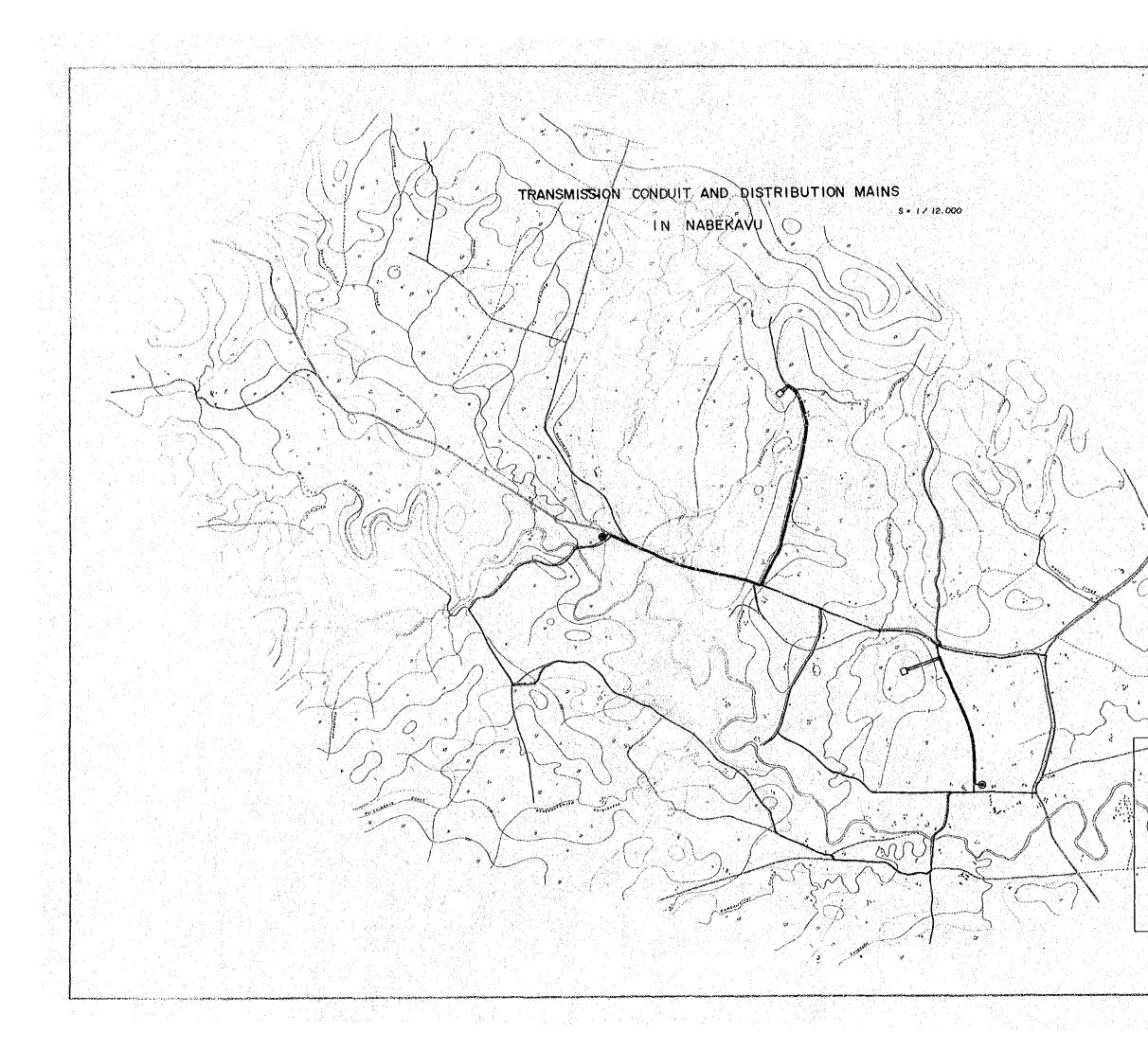
 DWG.NO:
 I
 SCALE:1/12000
 DATE
JAPAN INTERNATIONAL COOPERATION AGENCY



FIJI BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT <u>SYSTEM:</u> TRANSMISSION CONDUIT AND DISTRIBUTION MAINS IN VUNIKA OWG.NO: 2 SCALE 1/12,000 DATE JAPAN INTERNATIONAL COOPERATION AGENCY LEGEND • WELL DISTRIBUTION TANK ---- TRANSMISSION CONDUIT --- DISTRIBUTION MAINS + 150 + 100 ₩ \$ 75 " 🔶 **50**



FLJL BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT <u>SYSTEM:</u> TRANSMISSION CONDUIT AND DISTRIBUTION MAINS IN VUNIKA ÷ e DWG.NO: 2 SCALE 1/12,000 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY -0



FIJI BASIC DESIGN STUDY PHASE (IL) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: TRANSMISSION CONDUIT AND DISTRIBUTION MAINS IN NABERAVU DWG.NO: 3 SCALE I/12,000 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY

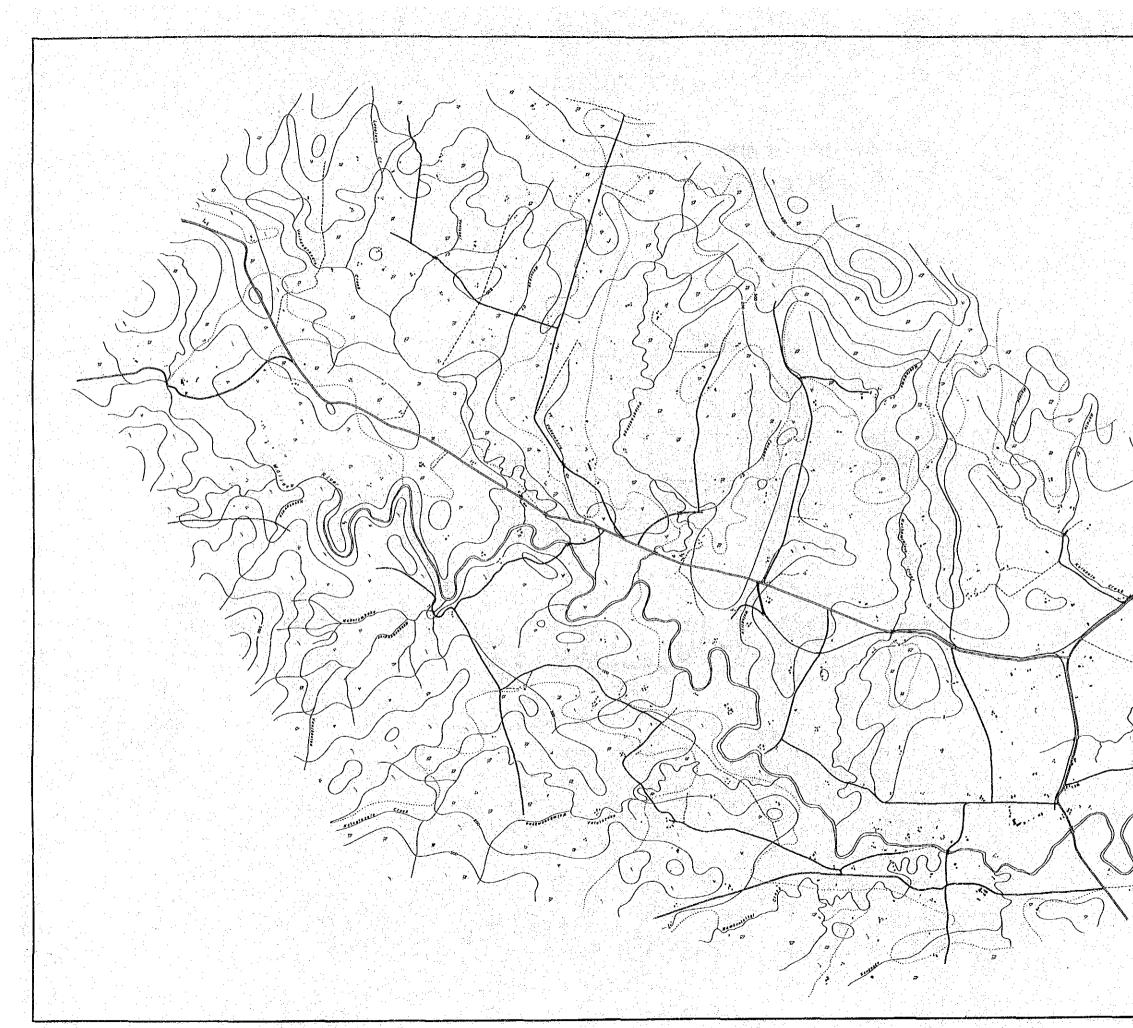
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DISTRIBUTION TANK

- DISTRIBUTION MAINS \$ 100.

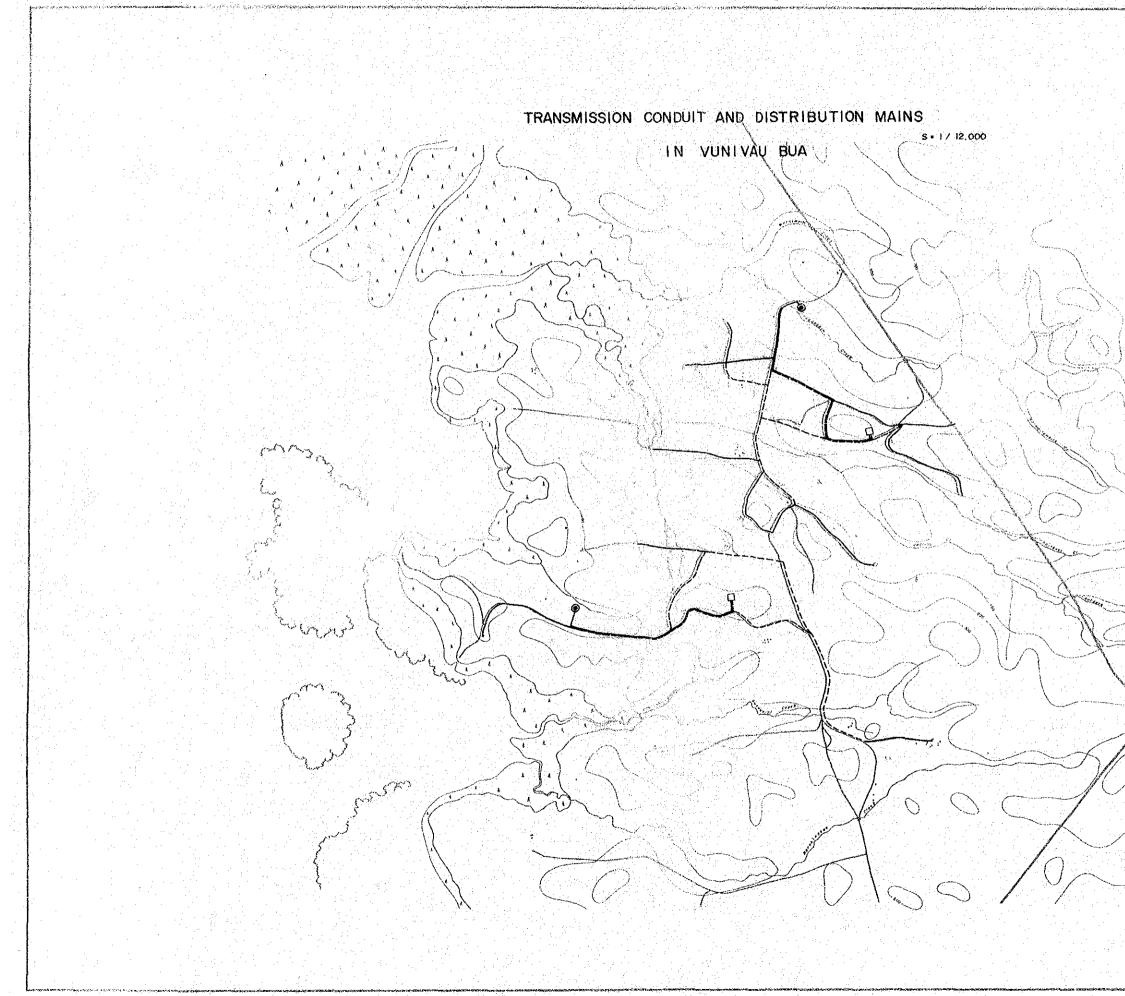
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O ; WELL

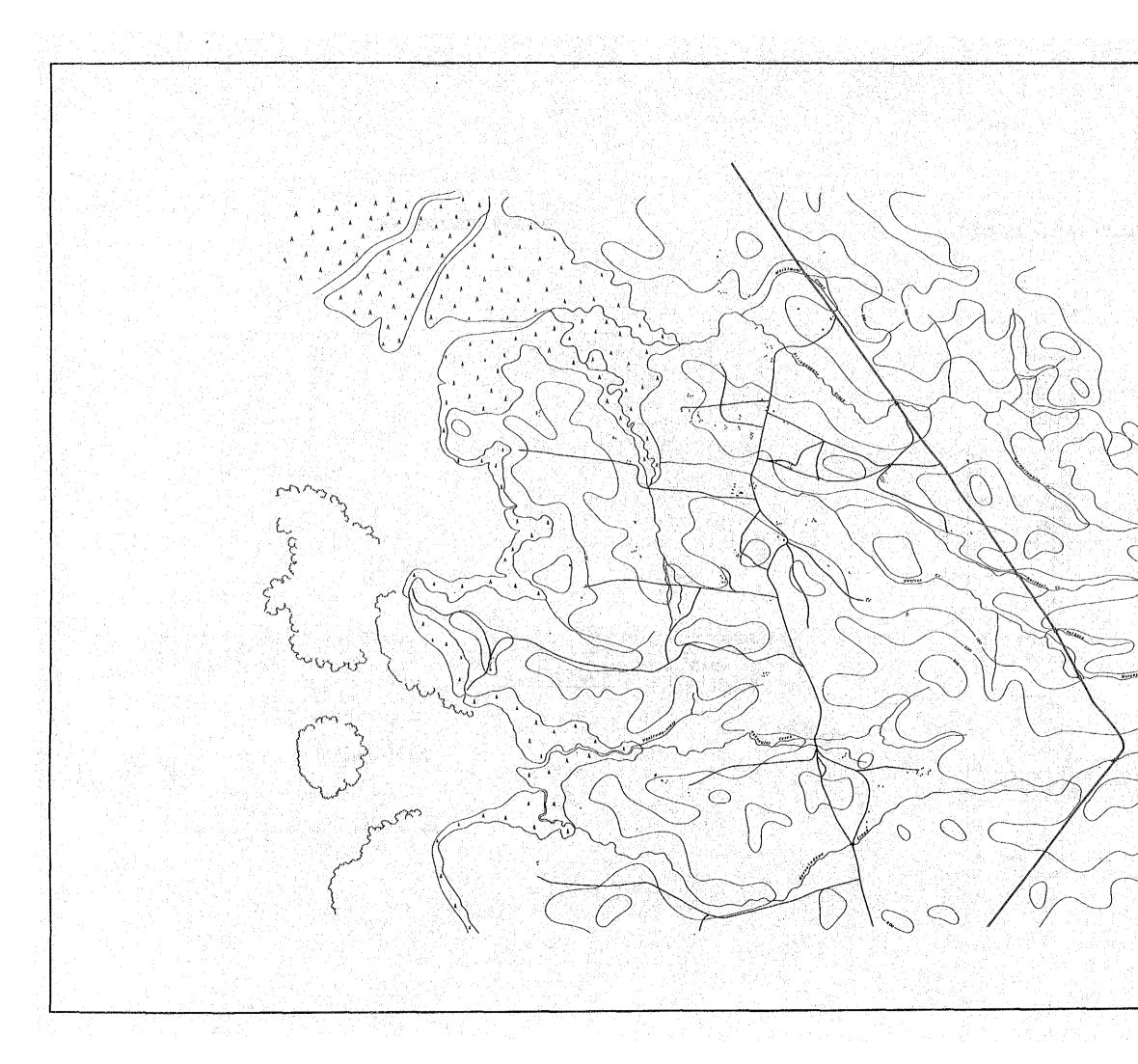


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FIJI ÷., BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: TRANSMISSION CONDUIT AND DISTRIBUTION MAINS IN NABEKAVU DWG.NO: 3 SCALE :1/12,000 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY (



FIJI BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: TRANSMISSION CONDUIT AND DISTRIBUTION MAINS IN VUNIVAU BUA DWG.NO: 4 SCALE: 1/12,000 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY LEGEND WELL .⊙ / DISTRIBUTION TANK ----- TRANSMISSION CONDUIT DISTRIBUTION MAINS + 75 ____ + 50



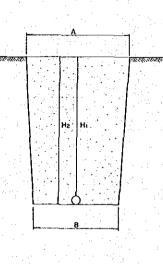
FI JI BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT
 SYSTEM:
 TRANSMISSION
 CONDUIT
 AND

 DISTRIBUTION
 MAINS
 IN
 VUNIVAU
 BUA

 DWG, NO:
 4
 SCALE: 1/12,000
 DATE:
JAPAN INTERNATIONAL COOPERATION AGENCY

STANDARD TRENCH DIMENSION

SETTLEMENTS COMMON TAP SYSTEM

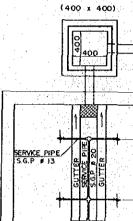


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CATCH BASIN



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		•	875	0.48	0.00	0.48
-			900	0.50	0.01	0.49
			925	0.51	0.01	0.50
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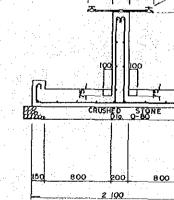
NOTE

Earth covering for road crossing and railway crossing shall

Not be less than 1.2 m

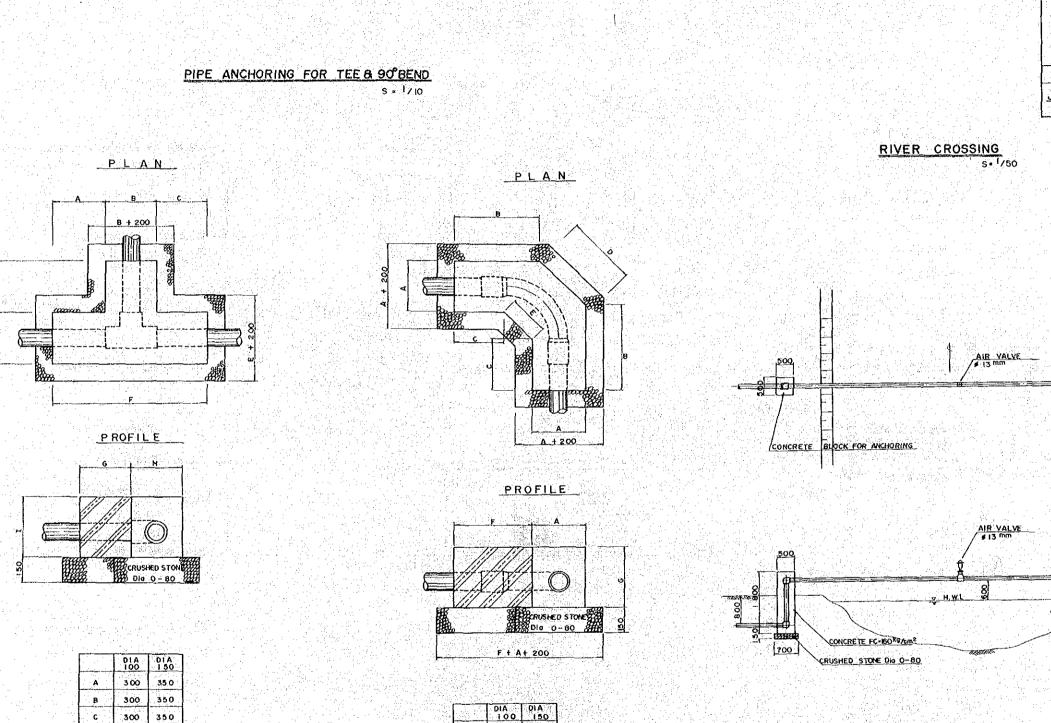
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DIA (mm.)	A		B	History	Hz	EXCAVATI- (m ³) ON	SURPLUS	BACKFILL (m ³)
20	300	5 (⁻	300	300	313 ~ 325	1.1.1.2.2	1.1.1.1.1	1.11.1.1
30 40	500		500	500	530 ~ 540	0.25	0.00	0.25



300 200 300

FIJ BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: STANDARD TRENCH DIMENSION & SETTLEMENTS COMMON TAP SYSTEM DWG.NO: 5 SCALE: 1 / 20 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY 5 + 1/20 100 OUTLET A SERVICE PIPE SECTION A ~ A TAP Dia 13 x 4 sets (Bross)



300

500

300

212

354

450

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<u>А</u> 9

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350

460

672

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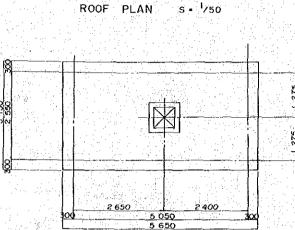
350

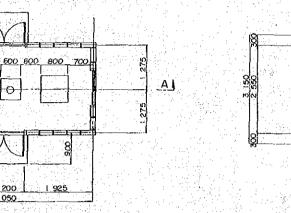
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		D1A 100	D1A 150	
	A	300	35.0	
· .	B	300	350	<u>.</u>
- 4. - 4.	C	300	350	
	0	300	350	
	E	300	350	
	F	900	1 050	
	G	300	350	
:	H	3 00	350	
s di	1/1 1 - 1.	300	350	

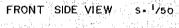
Renking.

FIJI BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: PIPE ANCHORING FOR TEE & 90° BEND , RIVER CROSSING DWG.NO: 6 SCALE 1/10,1/50 DATE : JAPAN INTERNATIONAL COOPERATION AGENCY = 01 .500 700

PUMP HOUSE s × 1/50







GROUND FLOOR PLAN S- 1/50

0

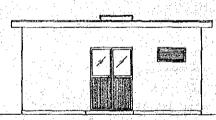
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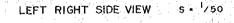
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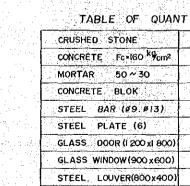
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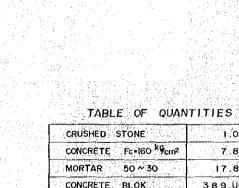
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2 650

CONCRETE FC-160 K9m3

5 650

1913 @ 20013NG

2 650

99 0 150 (DOUBLE)

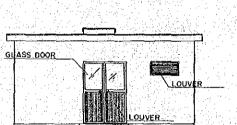
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CRUSHED STONE

N N N

MORTAR 50 ~ 30
CONCRETE BLOK
STEEL BAR (#9. #13
STEEL PLATE (6)
GLASS DOOR (I 200 xl 8
GLASS WINDOW (900 x 6
STEEL, LOUVER(800x4
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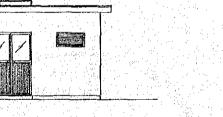


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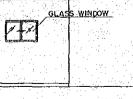
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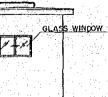






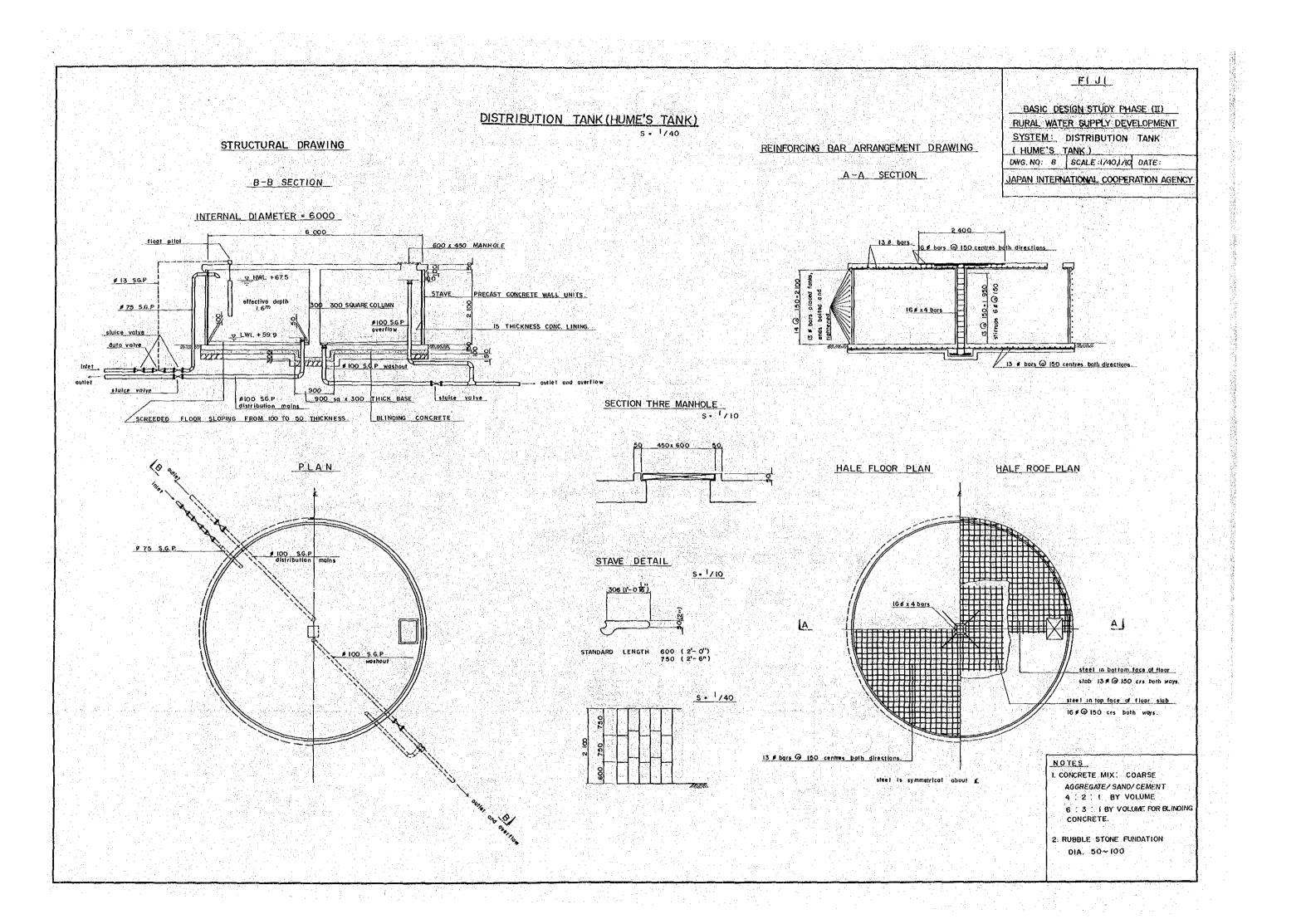
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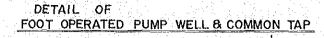




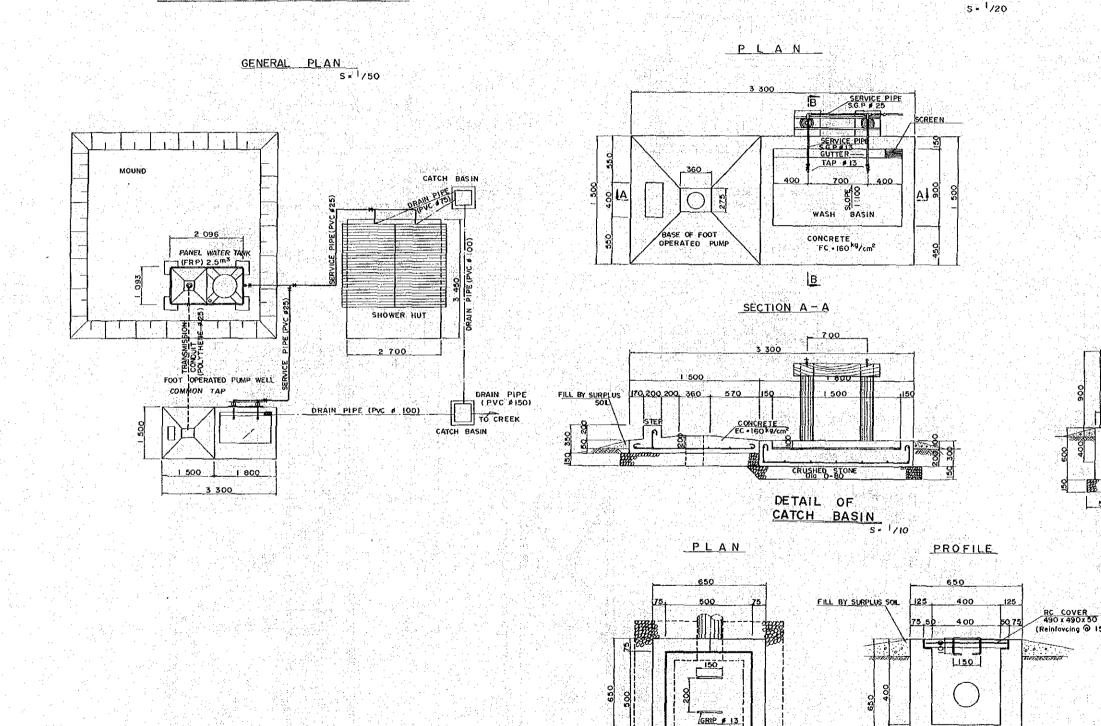


FIJI BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: PUMP HOUSE DWG.NO: 7 SCALE : 1 7 50 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY A - A SECTION S- 150 2 400 STEEL PLATE (6) MORTAR (50~30) CONCRETE BLOK mi 2 400 1.06 ^{m3} 7 .80 ^{m3} 17.89^{m²} 389.UNIT 43.7 kg 33,56 ^{kg} 2 UNIT 2 2





VILLAGE WATER SUPPLY SYSTEM

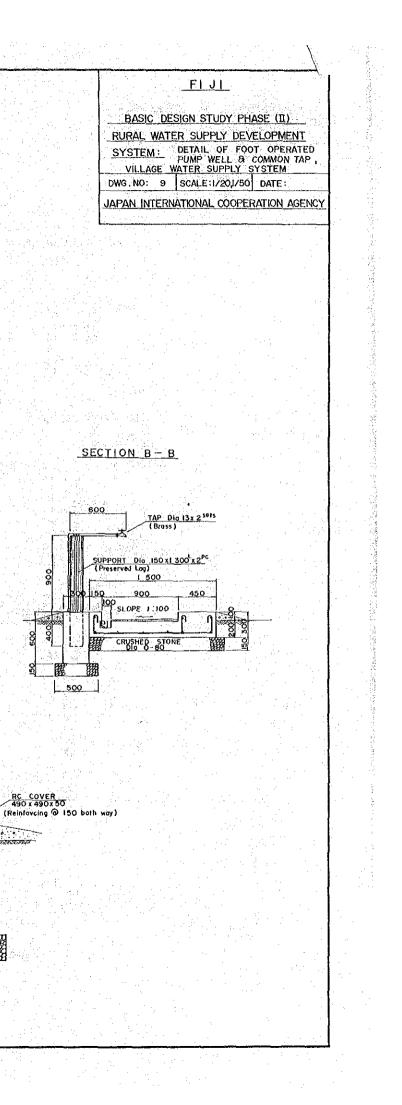


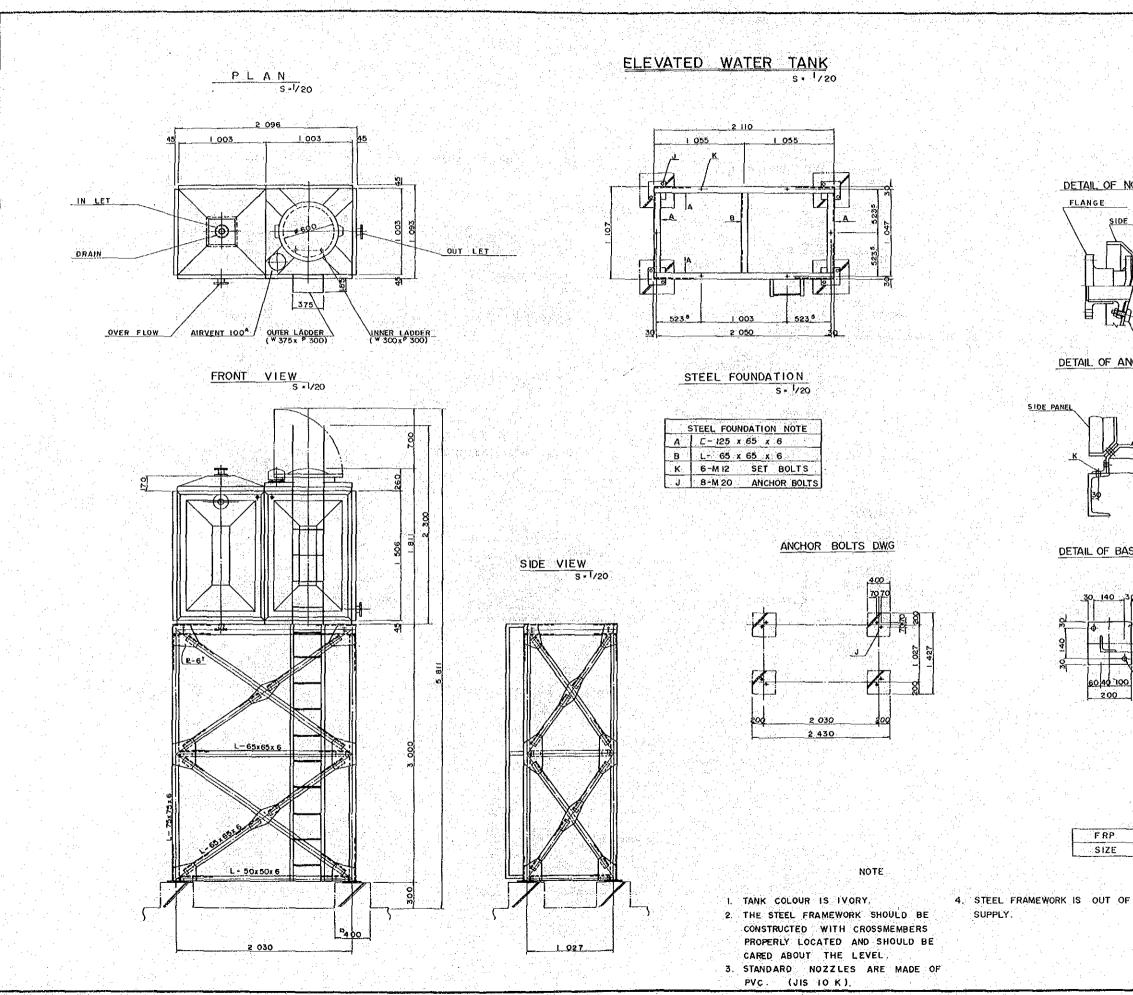
CRUSHED STONE

DI0 0-80

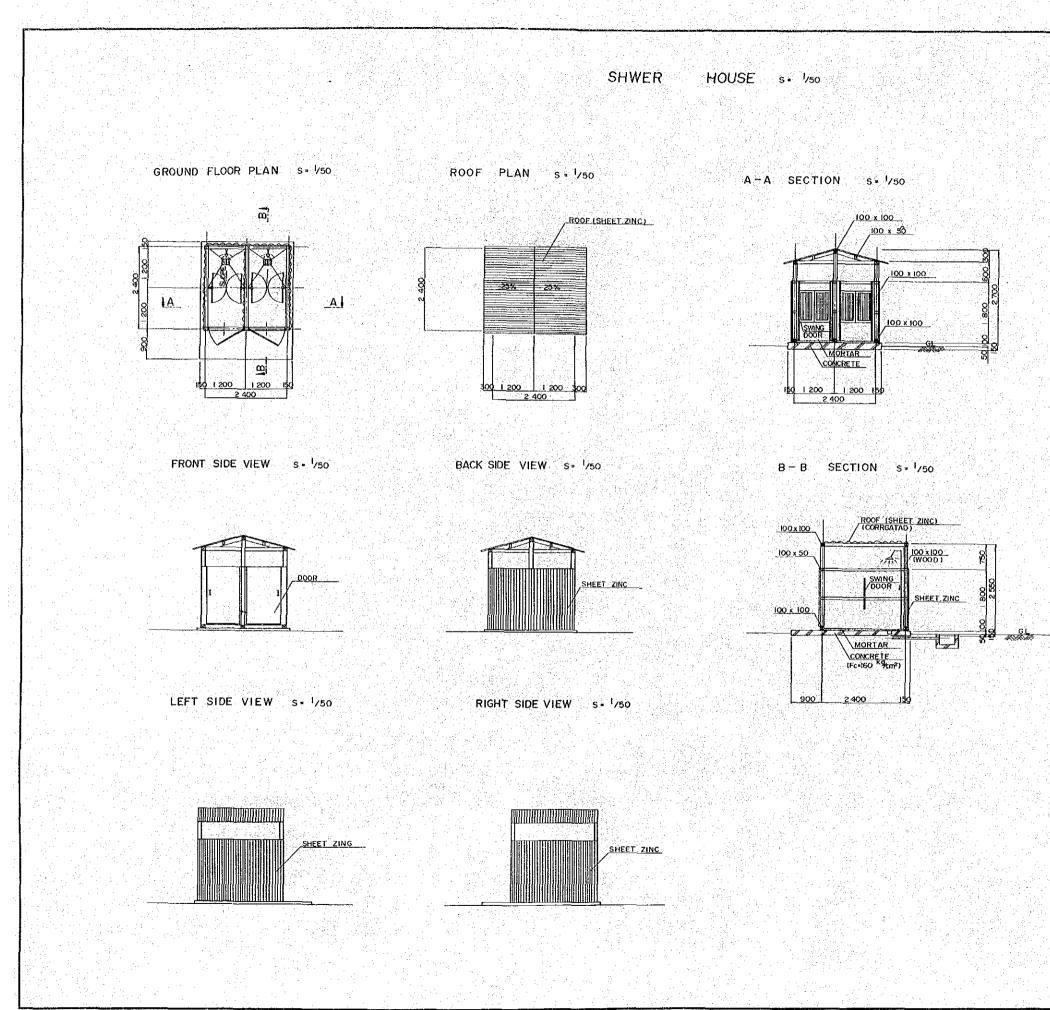
449

150





FIJI BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: ELEVATED WATER TANK DWG. NO: 10 SCALE: 1 / 20 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY DETAIL OF NOZZLE FLANGE SIDE PANEL GASKET *a*ب LINING BOLT DETAIL OF ANCHOR SET BOTTOM PANEL DETAIL OF BASE PLATE PANEL TANK FRP SIZE (1 x 2 x 1.5^H)



an waa ^{ma}na aha ka shika ah

BASIC DESIGN STUDY PHASE (II) RURAL WATER SUPPLY DEVELOPMENT SYSTEM: SHOWER HOUSE DWG.NO: I | SCALE: 1 / 50 DATE: JAPAN INTERNATIONAL COOPERATION AGENCY

FIJI

TABLE OF QUANTITIES

	<u>a n</u> e san esta ta su <u>n e</u> tr
CONCRTE Fc = 160 ton	⁶ ^{m و} 0. ا
MORTAR 50~30 cm	5.06 ^{m²}
0.270m SHEET. ZINC(CORRGATED)	9 15 ^{m2}
SHEET ZINC 0.27cm	
WOOD	0.61 ^{m³}

