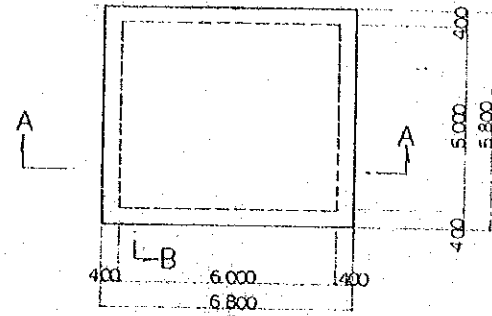
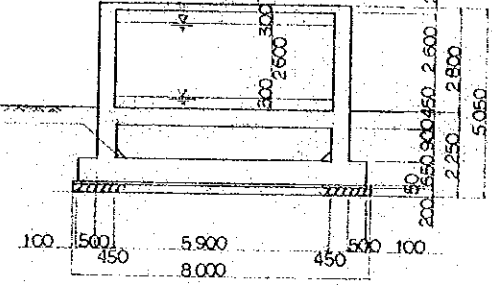


60 TON

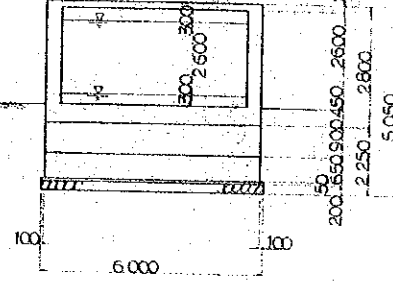
PLAN



SECTION A-A

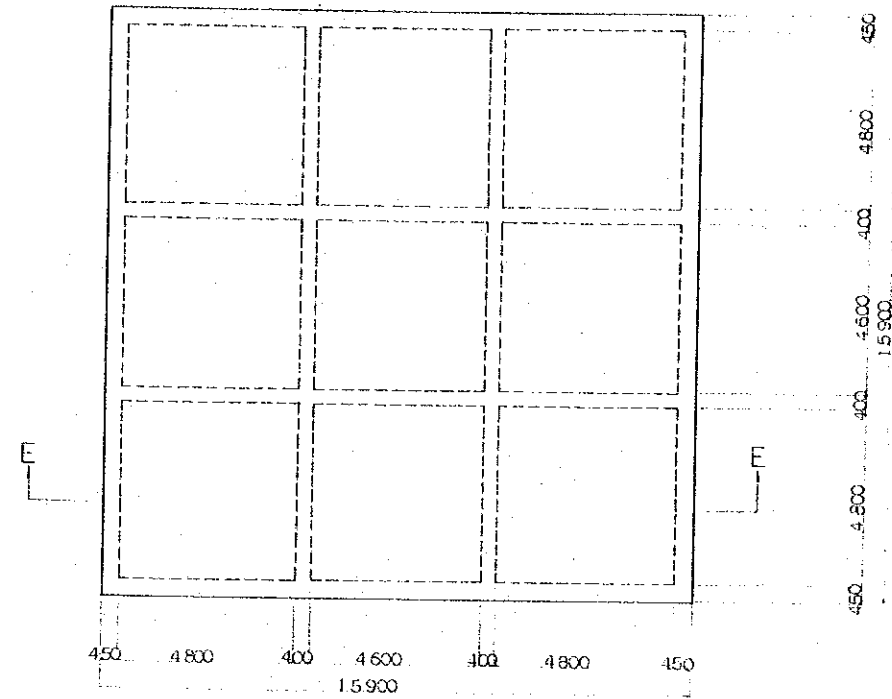


SECTION B-B

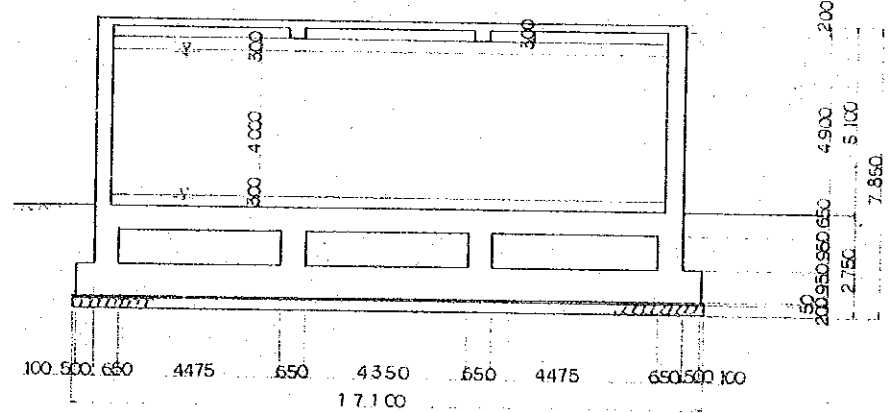


900 TON

PLAN

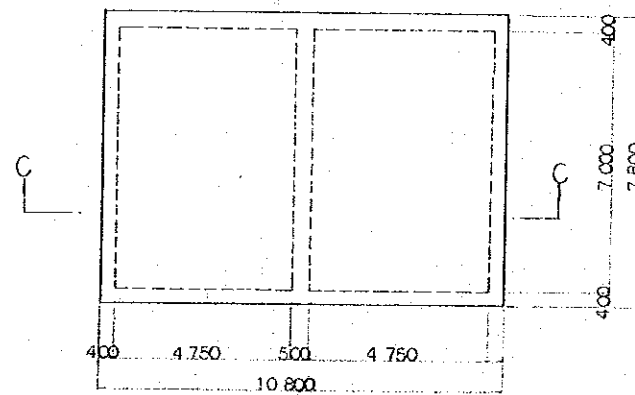


SECTION E-E

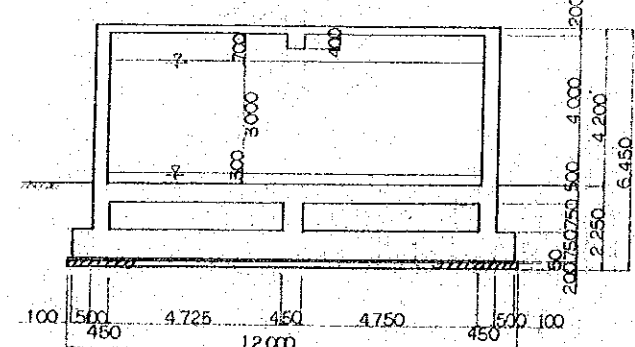


210 TON

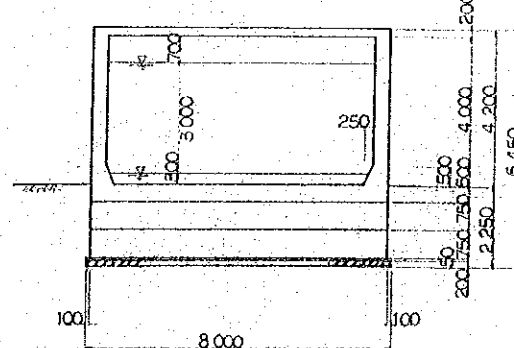
PLAN



SECTION C-C



SECTION D-D



MINISTRY OF PUBLIC WORKS YEMEN ARAB REPUBLIC	
THE RURAL WATER SUPPLY PROJECT PART-II	
60 TON, 210 TON & 900 TON REINFORCED CONCRETE TANKS	
DESIGNED BY	Pacific Consultants International
DATE	MAY 80
SCALE	1:100
DRAWING No.	60
JAPAN INTERNATIONAL COOPERATION AGENCY, TOKYO, JAPAN	

II. ELECTRICAL WORKS

PANEL BOARD SCHEDULE

NUMBER	SURVEY SITE	FACILITY NO.	PANEL BOARD TYPE	WELL PUMP (KW)	BOOSTER PUMP (KW)	NOTE	NUMBER	SURVEY SITE	FACILITY NO.	PANEL BOARD TYPE	WELL PUMP (KW)	BOOSTER PUMP (KW)	NOTE
H A - 1	AL-MADAN & 8 VILLAGES	1	A	3.0	3.7		S - 3	AL SHEAB , AL ASWAD	2	D	1.9		
		2	A	3.0	1.1								
		3	H		3.7								
		4	H		3.7								
		5	H		1.5								
		6	H		1.1								
		7	J		3.7								
		8	H		1.9								
		9	H		1.1								
H A - 2	EL MAN & 4 OTHER VILLAGES	1	A	3.0	1.5		S - 4	BANY FARHAN & BANY SARIA'A	1	D	1.9		
		2	H		1.5								
		3	H		7.5								
H A - 3 A	SIHARA	1	A	3.0	3.0		H - 1	GHULAYFAGAH	1	B	3.7	2.2	
		2	A	3.0	7.5								
		3	H		3.7								
		4	H		3.7								
		5	H		3.7								
		6	H		3.7								
		7	J		18.5	5.5							
H A - 3 B	THARI	1	A	1.9	3.7		H - 2	AL DAHI	1	E	1.9	2.2	
		2	C	1.9	5.5								
		3	H		3.7								
		4	H		3.7								
		5	H		3.7								
		6	H		3.7								
		7	I		5.5								
H A - 4	HARAD	1	A	2.6	7.5		H - 3	AL MOUHIRAH TO ABDAS / HARUNIA	1	D	1.5		
		2	D	3.0									
		3	A	2.6	2.2								
A - 1	AL MAHWEET CITY	1	A	1.9	1.1		T - 1	AL MASHJAB	1	D	1.9		
		2	A	1.9	18.5								
		3	H		2.2								
A - 2	FUFASH	1	A	1.9	18.5		T - 2	AL MANARA & AL DUKUM	1	D	3.0		
		2	H		18.5								
		3	H		18.5								
		4	H		18.5								
		5	H		18.5								
		6	H		7.5								
		7	I		3.7								
A - 3	AL RAJAM	1	C	3.0	3.7		T - 3	AL MAYDAN , AL JUBAIL	1	F	2.6	3.7	2.2
		2	H		3.0								
A - 4	AL KHABET	1	A	1.1	1.5		T - 4 A	HADAD & GAHFA	1	F	1.9	3.7	3.7
		2	H		1.5								
S - 1	BANY SHAKER & BAIT ABD SABA'A	1	C	1.9	3.7		T - 4 B	AL KUDHA & AL HAGL	1	F	1.9	1.5	2.2
		2	H		1.5								
S - 2	BAIT ABD HASHEM	1	F	1.9	1.5		T - 5	SHOHAT & AL KADASH	3	E	7.5	7.5	
		2	H		1.5				4	I	7.5	3.7	
A - 1	AL MAHWEET CITY	1	A	1.9	1.1		T - 6	AL ZAKIRA	1	C	3.0	2.2	
		2	A	1.9	18.5								
		3	H		2.2								
		4	H		3.0								
A - 2	FUFASH	1	A	1.9	18.5		T - 7	BAB AL MANDAB	1	D	1.1		
		2	H		18.5								
		3	H		18.5								
		4	H		18.5								
		5	H		18.5								
		6	H		7.5								
		7	I		3.7								
A - 3	AL RAJAM	1	C	3.0	3.7		T - 8	YAHKHTOL	1	D	2.6		
		2	H		3.0				2	I		5.5	
A - 4	AL KHABET	1	A	1.1	1.5		I - 9	MAKBANA	1	A	3.0	1.5	
		2	H		1.5								

MINISTRY OF PUBLIC WORKS
YEMEN ARAB REPUBLIC

THE RURAL WATER SUPPLY
PROJECT PART-II

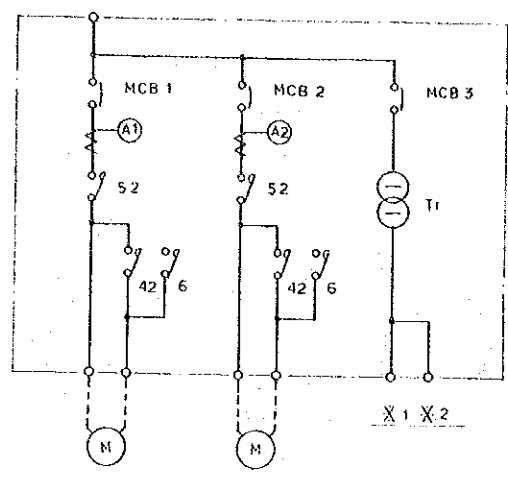
ELECTRICAL PLAN
FOR POWER SUPPLY -1

DESIGNED BY Pacific Consultants International

DATE: MAY 80 SCALE 1: DRAWING No. 61

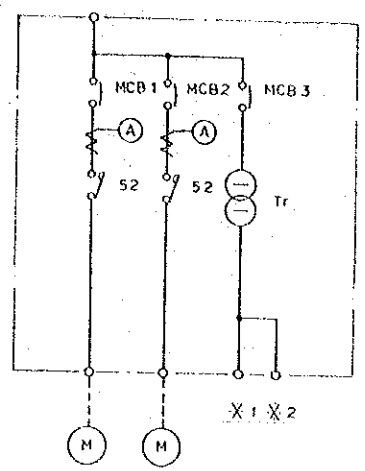
JAPAN INTERNATIONAL COOPERATION
AGENCY, TOKYO, JAPAN

TYPE A



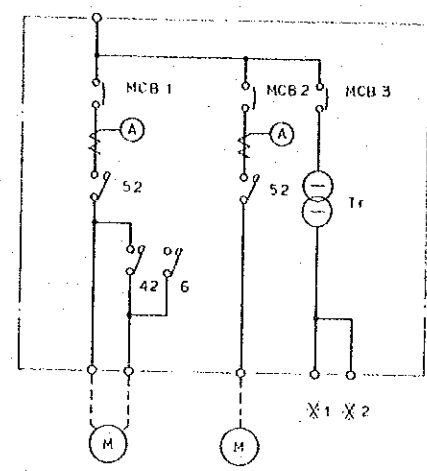
WELL PUMP BOOSTER PUMP

TYPE B



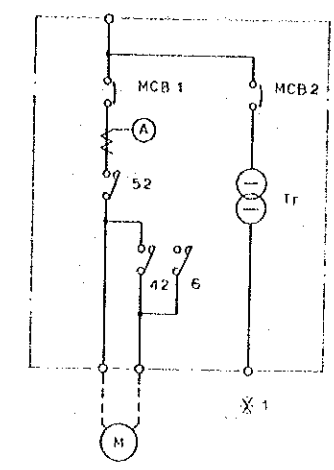
WELL PUMP BOOSTER PUMP

TYPE C



WELL PUMP BOOSTER PUMP

TYPE D

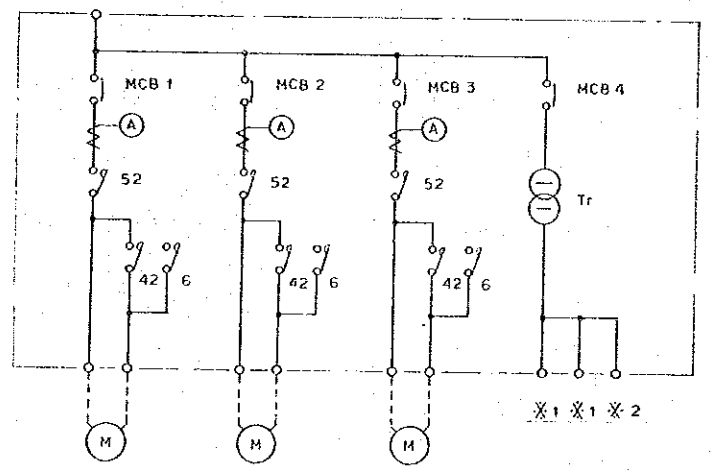


WELL PUMP

LEGEND

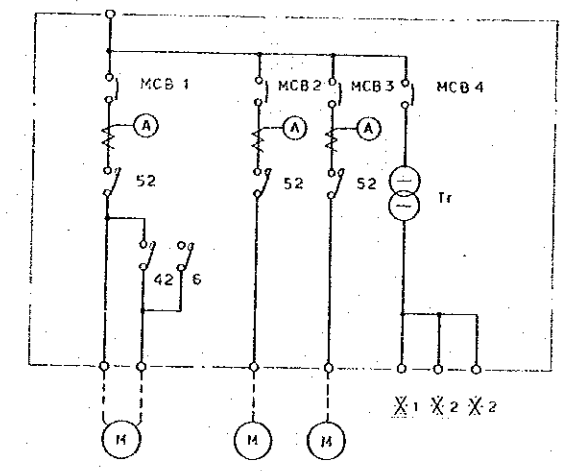
- MCB MOLDED CASE CIRCUIT BREAKER
- (A) AMPERE METER
- 52 MAGNETIC CONTACTOR
- 6 STAR SIDE CONTACTOR
- 42 DELTA SIDE CONTACTOR
- Tr TRANSFORMER 400V/200V 300VA
- (M) MOTOR

TYPE E



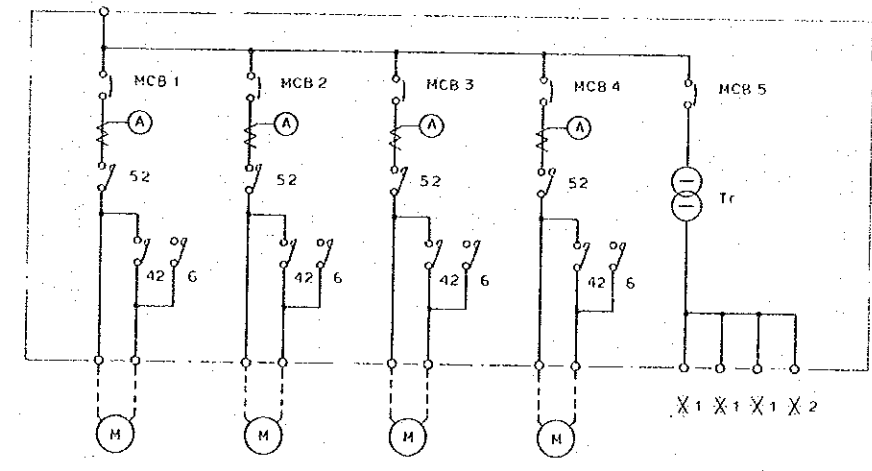
WELL PUMP WELL PUMP BOOSTER PUMP

TYPE F



WELL PUMP BOOSTER PUMP BOOSTER PUMP

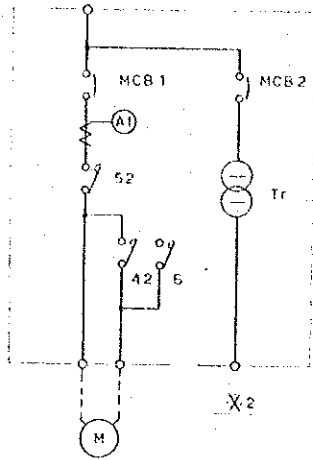
TYPE G



WELL PUMP WELL PUMP WELL PUMP BOOSTER PUMP

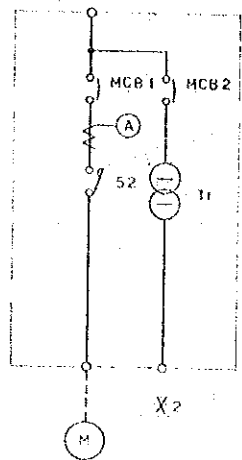
MINISTRY OF PUBLIC WORKS YEMEN ARAB REPUBLIC		
THE RURAL WATER SUPPLY PROJECT PART-II		
ELECTRICAL PLAN FOR POWER SUPPLY-2		
DESIGNED BY	Pacific Consultants International	
DATE	MAY 80	DRAWING No. 62
SCALE	1:	
JAPAN INTERNATIONAL COOPERATION AGENCY, TOKYO, JAPAN		

TYPE H



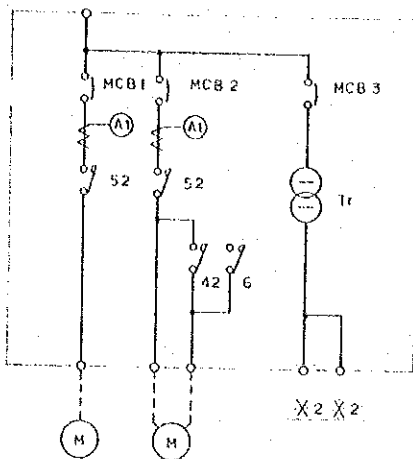
BOOSTER PUMP

TYPE I

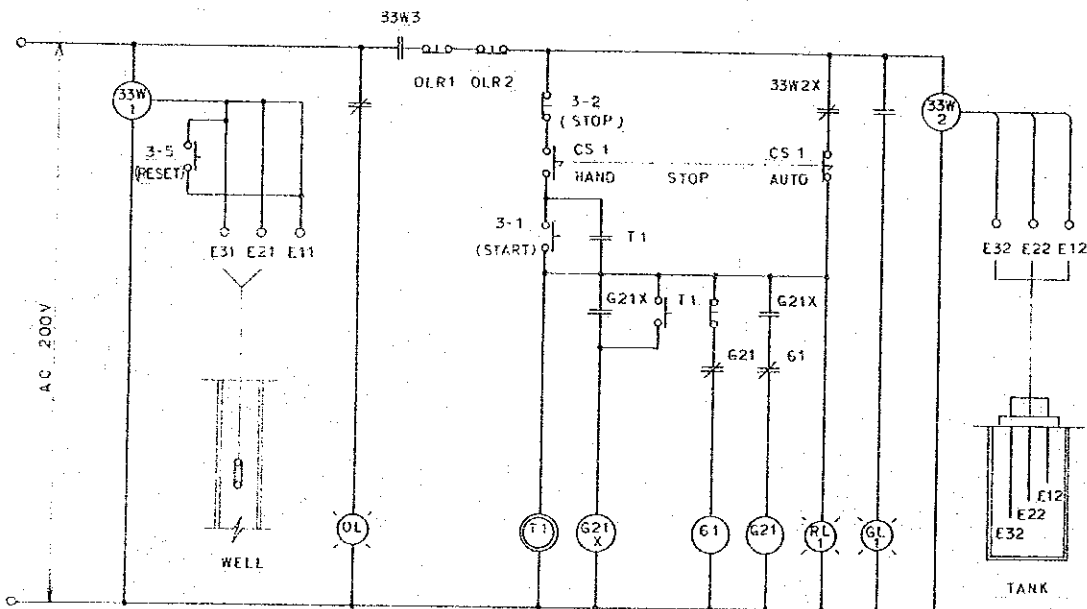


BOOSTER PUMP

TYPE J

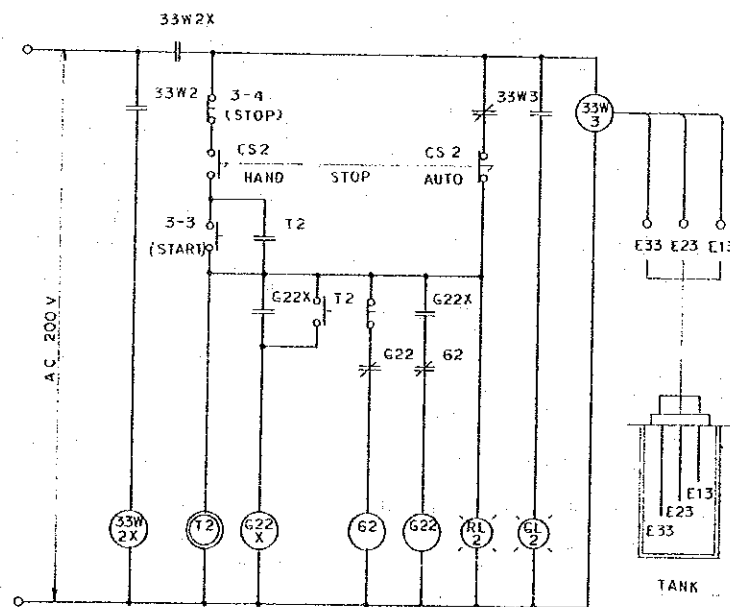


BOOSTER PUMP
BOOSTER PUMP



X 1

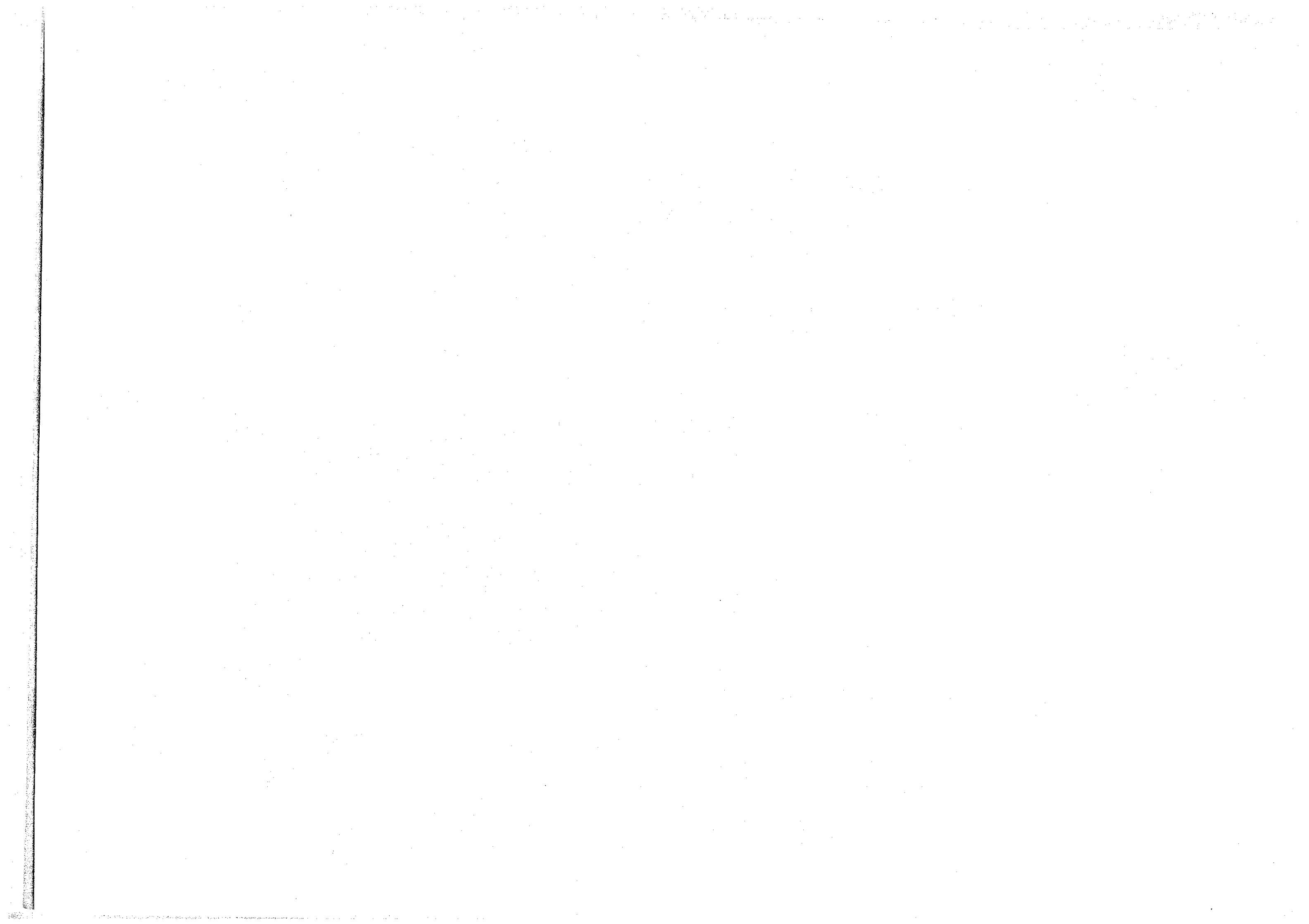
WELL PUMP



X 2

BOOSTER PUMP

MINISTRY OF PUBLIC WORKS YEMEN ARAB REPUBLIC		
THE RURAL WATER SUPPLY PROJECT PART-II		
ELECTRICAL PLAN FOR POWER SUPPLY-3		
DESIGNED BY	Pacific Consultants International	
DATE	MAY 80	SCALE 1: DRAWING No. 63
JAPAN INTERNATIONAL COOPERATION AGENCY, TOKYO, JAPAN		



JICA