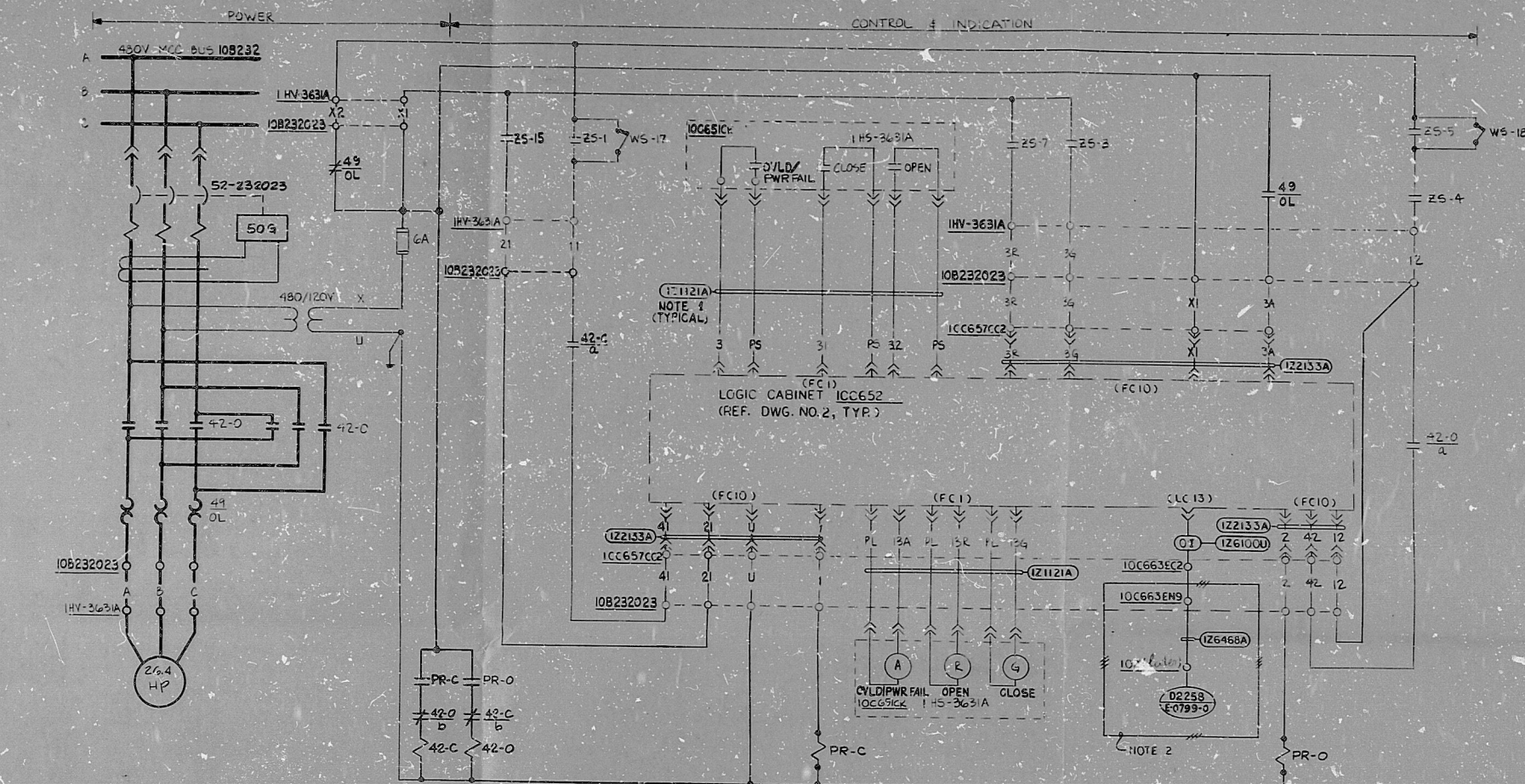




MAIN STEAM LINE "A" STOP VALVE IHV-3631A
SCHEME NO. HQ937 S/U-AB (INST. TAG NO. IAB---)
CLASS IE, CHANNEL C

SCHEME NO.	VALVE NO.	DESCRIPTION	HAND SWITCH	MCC	TERMINAL CABINET	LOGIC CABINET	CABINET BAY	COMPUTER INPUT POINT NO.	VENDOR CABLE NO. (47E1)	CLASS IE CHANNEL	HZ MODULE	COMPUTER I/O CAB
IQ0937	1HV-363A	MAIN STEAM LINE "A" STOP VALVE	1HS-363A	08232023	IC657CC2	IC6652	FC01 KC13	D2258	(Z6468A) (Z2133A) (Z1212A) (Z6100U)	C	C206	IQZ (100)
IQ0938	1HV-363B	MAIN STEAM LINE "B" STOP VALVE	1HS-363B	08232083	IC657CC2	IC6652		D2260	(Z6468A) (Z2133A) (Z1212A) (Z6100U)	C	C228	
IQ0939	1HV-363C	MAIN STEAM LINE "C" STOP VALVE	1HS-363C	08232123	IC657CC2	IC6652		D2262	(Z6468A) (Z2133A) (Z1212A) (Z6100U)	C	C235	
IQ0940	1HV-363D	MAIN STEAM LINE "D" STOP VALVE	1HS-363D	08232173	IC657CC2	IC6652		D2271	(Z6468A) (Z2133A) (Z1212A) (Z6100U)	C	C236	

OPTICAL ISOL. AUX. CAD			
10C663		EN9	EC2

POSITION SWITCH LABEL			POSITION SWITCH CONTACT DEVELOPMENT				
ROTOR	CONTACT	TERMINALS	VALVE POSITION				FUNCTION
			FULLY OPEN	A	B	FULLY CLOSED	
1	1	1-1C					BY-PASS
	2	2-2C					SPARE
	3	3-3C					OPEN LIGHT
	4	4-4C					OPEN LIMIT
2	5	5-5C					BY-PASS
	6	6-5A					SPARE
	7	7-7B					OPEN LIGHT
	8	8-8C					SPARE
3	9	9-9C					SPARE
	10	10-10C					SPARE
	11	11-11C					1/2" SPARE
	12	12-12C					SPARE
4	13	13-13C					SPARE
	14	14-14C					SPARE
	15	15-15C					BY-PASS
	16	16-16C					SPARE

(17) CLOSING TORQUE SWITCH, OPENS WITH HIGH TORQUE IN CLOSED DIRECTION.
(18) OPENING TORQUE SWITCH, OPENS WITH HIGH TORQUE IN OPEN DIRECTION.

POSITION SWITCH DEVELOPMENT NOTES

1. CONTACT CLOSED
2. CONTACT OPENED
3. EACH ROTOR MAY BE SET TO OPERATE CONTACTS FULLY OPEN, FULLY CLOSED OR ANY POSITION IN BETWEEN.
4. ROTORS CAN BE ASSEMBLED SO THAT TWO, THREE OR ALL FOUR CONTACTS CLOSE SIMULTANEOUSLY.

NOTE:

1. THESE CONDUCTORS ARE INCLUDED IN A CABLE PROVIDED AS PART OF THE J200(Q) CONTROL ROOM COMPLEX. A PARTICULAR CABLE IS DESIGNATED BY A CABLE SCHEME NUMBER ENCLOSED IN THIS MANNER (). THESE CABLES ARE LISTED IN THE CABLE SCHEDULE FROM REFERENCE 4.

2 ALL EQUIPMENT SHOWN ON THIS DWG. IS (Q) LISTED EXCEPT AS NOTED OR IDENTIFIED BY THE FOLLOWING BOUNDARY.

REFERENCE DRAWINGS:

1. LOGIC DIAG. DWG. J-41-0 (Q)SH.3
2. BAILEY METER CO. DWG. 10855-J200(Q)-267,268,269,270.
3. 480V. MCC TABULATION DWG. E-002I-I
4. BAILEY METER CO. DWG. 10855-J200(Q)-2296,SHTS 3,11,14 & J200(Q)-1881,SH.80 BECHTEL C.B.D. DWG. E-4518-0 & E-4515-0.

PROC
APERTURE
CARD

△									
△									
△									
0	1500	ISSUED FOR CONSTRUCTION							
		PER J-41-0 SM. 3							
NO.	DATE	REVISIONS				BY	CHKD	DESIGN	PROJ
SCALE		DESIGNED S. LAZZAR				DRAWN S. FURZER	REV	ETG	ENG

RECHTEL
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

ELECTRICAL SCHEMATIC DIAGRAM
MAIN STEAM STOP VALVES

	JOB No.	DRAWING No.	REV.
	10855	E-6402-C	0

RIDS

8308090837

