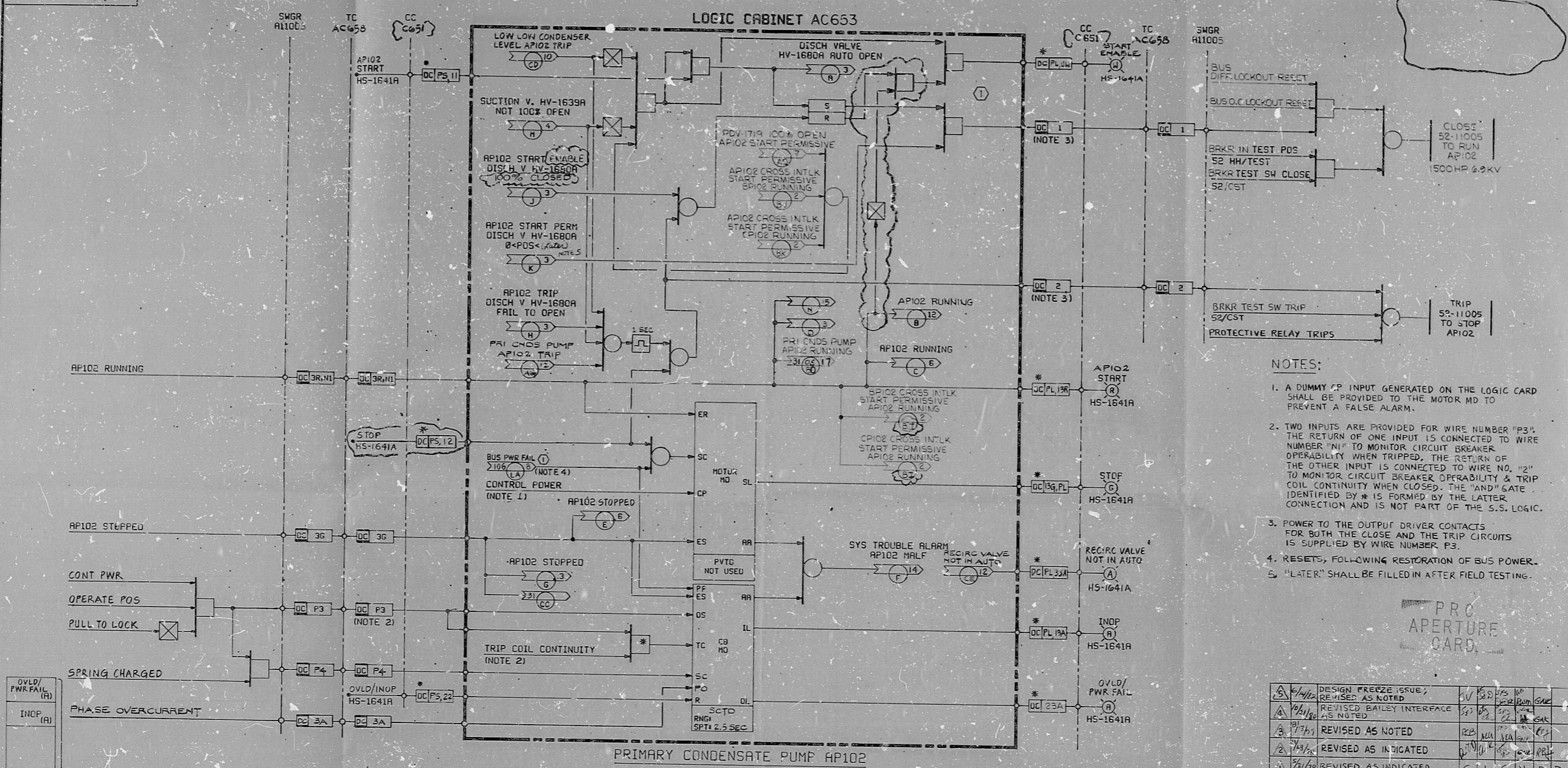


J-05-0 SHT. 2

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- NOTES:**
1. A DUMMY CP INPUT GENERATED ON THE LOGIC CARD SHALL BE PROVIDED TO THE MOTOR MD TO PREVENT A FALSE ALARM.
  2. TWO INPUTS ARE PROVIDED FOR WIRE NUMBER "P3". THE RETURN OF ONE INPUT IS CONNECTED TO WIRE NUMBER "N1" TO MONITOR CIRCUIT BREAKER OPERABILITY WHEN TRIPPED. THE RETURN OF THE OTHER INPUT IS CONNECTED TO WIRE NO. "2" TO MONITOR CIRCUIT BREAKER OPERABILITY & TRIP COIL CONTINUITY WHEN CLOSED. THE AND GATE IDENTIFIED BY \* IS FORMED BY THE LATTER CONNECTION AND IS NOT PART OF THE S.S. LOGIC.
  3. POWER TO THE OUTPUT DRIVER CONTACTS FOR BOTH THE CLOSE AND THE TRIP CIRCUITS IS SUPPLIED BY WIRE NUMBER P3.
  4. RESETS, FOLLOWING RESTORATION OF BUS POWER.
  5. "LATER" SHALL BE FILLED IN AFTER FIELD TESTING.

PRO APERTURE CARD

CROSS REFERENCE TABLE

PUMP NO.	HAND SWITCH	DISCH. VALVE NO.	SUCTON VALVE NO.	BRKR NO.	SWGR.	TERMINAL CABINET	LOGIC CABINET	BUS PWR FAIL REF. LOGO	CIRCUIT NO.	VOLTAGE	PUMP CROSS INTERLOCK START PERMISSIVE OUTPUT	RECIRC VALVE NOT IN AUTO
API02	HS-1641A	HV-1680A	HV-1639A	52-11005	0A11005	AC658	AC653	LA, SHT. 8	1	6.9KV	ARROW BI	ARROW CE
BPI02	HS-1641B	HV-1680B	HV-1639B	52-12005	0A12005	BC658	BC653	MA, SHT. 8	2	6.9KV	ARROW BJ	CF
CPI02	HS-1641C	HV-1680C	HV-1639C	52-10208	0A10208	CC658	CC653	KE, SHT. 7	3	4.0KV	ARROW BK	CG

LEGEND:

- OVL/PWR FAIL (A)
- INOP (A)
- RECIRC VALVE NOT IN AUTO (A)
- START ENABLE (A)
- API02 START (A)
- STOP (A)
- MOMENTARY
- CONTROL CONSOLE C651A

NO.	DATE	REVISIONS	BY	CHKD	DESIGN	ENGR	PROJ	APPR
1	8/14/62	DESIGN FREEZE ISSUE, REVISED AS NOTED	JV	ESB	W	W	W	W
2	9/24/62	REVISED BAILEY INTERFACE AS NOTED	W	ESB	W	W	W	W
3	9/27/62	REVISED AS NOTED	W	ESB	W	W	W	W
4	10/2/62	REVISED AS INDICATED	W	ESB	W	W	W	W
5	10/17/62	REVISED AS INDICATED	W	ESB	W	W	W	W
6	10/24/62	ISSUED FOR CONSTRUCTION	W	ESB	W	W	W	W

SCALE: NONE

DESIGNED: J.V.

DRAWN: R.C.B.

**BECHTEL**  
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY  
HOPE CREEK GENERATING STATION

LOGIC DIAGRAM  
CONDENSATE SYSTEM  
PRIMARY CONDENSATE PUMPS

JOB No.	DRAWING No.	REV.
10855	J-05-0 SHT. 2	5

S/U - AD

22 X 34 "D" SIZE



RIDS

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