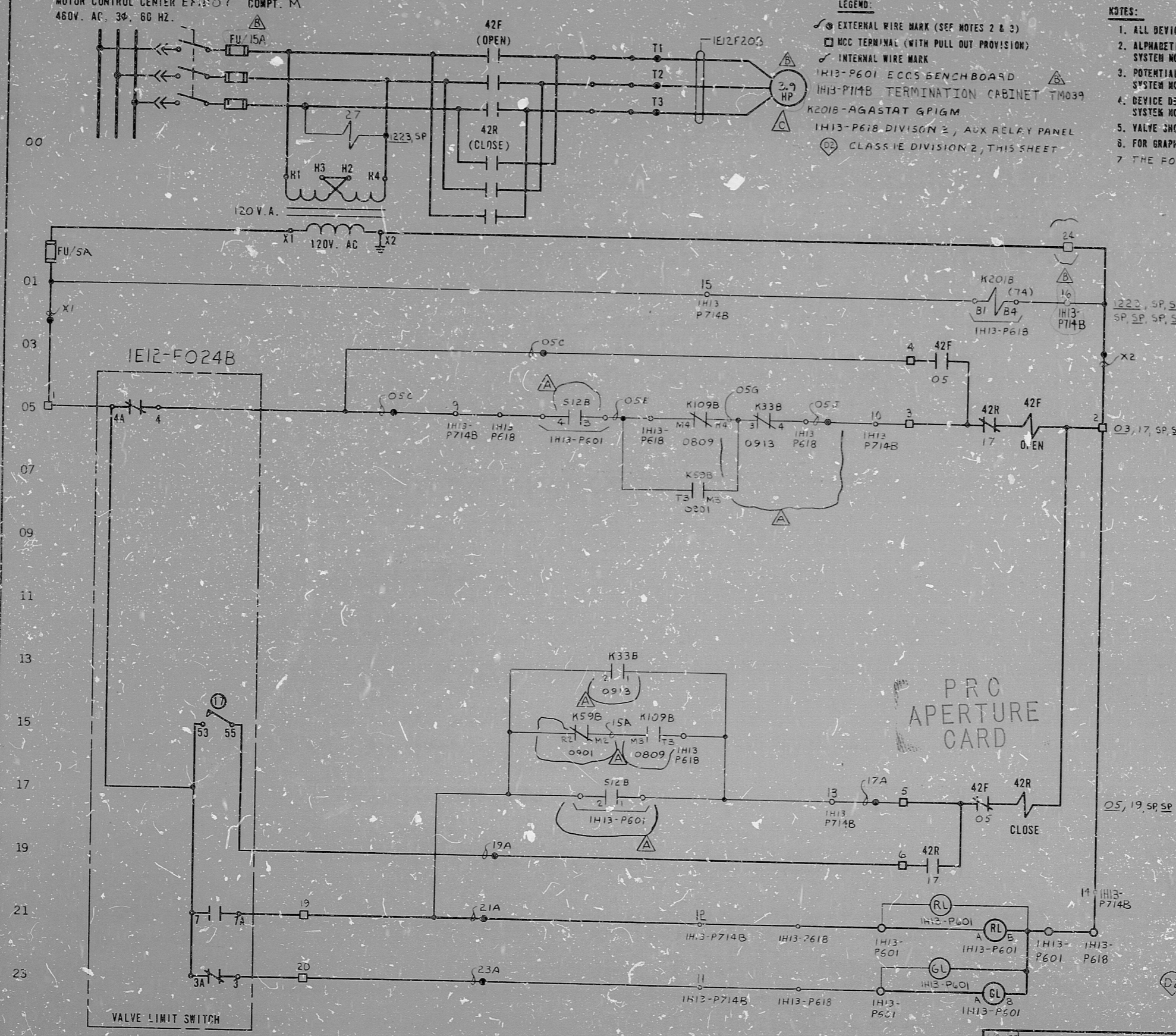


MOTOR CONTROL CENTER EF:07 COMPT. M
460V. AC. 3Ø. 60 HZ.



LEGEND:

- ⊗ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
- MCC TERMINAL (WITH PULL OUT PROVISION)
- INTERNAL WIRE MARK
- △ IH13-P601 ECCS BENCHBOARD
- △ IH13-P714B TERMINATION CABINET TM039
- △ K201B-AGASTAT GP1GM
- △ IH13-P618 DIVISION 2, AUX RELAY PANEL
- ⊙ CLASS 1E DIVISION 2, THIS SHEET

NOTES:

1. ALL DEVICES WITHOUT LOCATION MARKS ARE LOCATED IN M.C.C.
2. ALPHABETICAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO., SHEET NO., & LINE NO. (EXAMPLE F12A3605A)
3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A36X1)
4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12-F024B) EXCEPT AS NOTED (SEE NOTE 7)
5. VALVE SHOWN IN FULL CLOSED POSITION.
6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-200-001.
7. THE FOLLOWING DEVICES ARE PREFIXED BY IE12A:
S12B - SWITCH

REFERENCE
GE. CO. DWG. 828E534CA SH.13

ROTOR	LIMIT SW. CONTACT DEVELOPMENT			CONTACT LOCATION
	VALVE POSITION	A	B	
1				SPARE
2				23
3				05
4				SPARE
5				2903
6				21
7				SPARE
8				SPARE
9				SPARE
10				SPARE
11				SPARE
12				SPARE
13				SPARE
14				SPARE
15				SPARE
16				SPARE

- 17 CLOSING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING CLOSING CYCLE OR FULLY CLOSED VALVE.
- 18 OPENING TORQUE SWITCH INTERRUPTS CONTROL CIRCUIT IF MECHANICAL OVERLOAD OCCURS DURING OPENING CYCLE OR FULLY OPENED VALVE.

— CLOSED CONTACT
- - - OPEN CONTACT

ROTOR 3 AND 4 CAN BE SET AT VALVE POSITION FULL OPEN, FULL CLOSED OR ANY POSITION IN BETWEEN AS INDICATED BY POINTS A AND B.
REF: PHILA. GEAR CORP. DWG. 15-677-2759-3 REV. A

S12B/IH13-601 CONTROL SWITCH		CONTACT LOCATION	
(CAM 1) CONTACTS	NAMEPLATE (F.V.)	CLOSE	AUTO OPEN
OPERATOR			
TF1	2	X	
TF3	4		X
BF5	6	X	
BR7	8		X
OPER & BLOCK CR2940-US203A		X-CLOSED CONTACT	
SPRING RETURN TO AUTO			

⊙2 NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.

PERRY NUCLEAR POWER PLANT UNIT 1
ELECTRICAL-ELEMENTARY DIAGRAM

RESIDUAL HEAT REMOVAL SYSTEM
RHR "3" TEST RETURN MOV F024B

REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	REV	MADE	CHKD	APPROVALS	DATE	

ELEM DIAG IE12-F024B

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