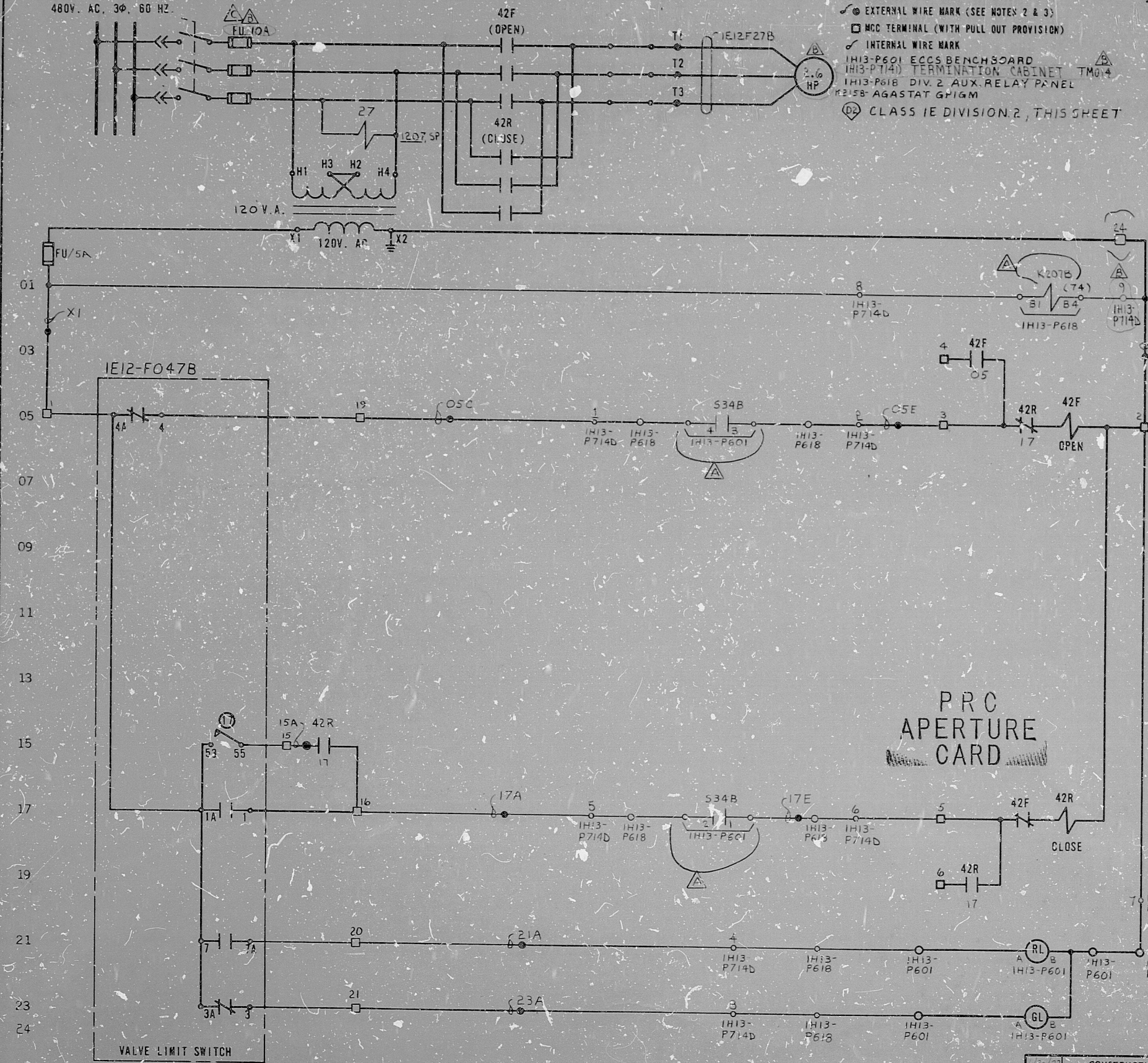


MOTOR CONTROL CENTER EFIDOT COMPT. U
480V. AC. 3Φ. 60 HZ.



LEGEND:
 ○ EXTERNAL WIRE MARK (SEE NOTES 2 & 3)
 □ MCC TERMINAL (WITH PULL OUT PROVISION)
 ✓ INTERNAL WIRE MARK
 IH13-P601 ECCS BENCH BOARD
 IH13-P714 TERMINATION CABINET TM04
 IH13-P618 DIV. 2 AUX RELAY PANEL
 IH13-P714B AGASTAT G11GM
 ⊕ 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 E12A4905A)
 3. POTENTIAL WIRE MARKS ARE PREFIXED BY: SUB-SYSTEM NO. & SHEET NO. (EXAMPLE E12A49X1)
 4. DEVICE DESIGNATIONS ARE PREFIXED BY: UNIT AND SYSTEM NO. (EXAMPLE IE12A-F003A) EXCEPT AS NOTED (SEE NOTE 7)
 5. VALVE SHOWN IN FULL CLOSED POSITION.
 6. FOR GRAPHIC STANDARDS REFER TO DRAWING B-208-001.
 7. THE FOLLOWING DEVICES ARE PREFIXED BY IE12A: S34B- SWITCH

0-211-045 SH 27
 REFERENCE
 GE CO DWG 82BE534 CA 5H13

| ROTOR | CONTACT | LIMIT SW. CONTACT DEVELOPMENT | | | CONTACT LOCATION |
|-------|---------|-------------------------------|---|---------------|------------------|
| | | FULL OPEN | A | B FULL CLOSED | |
| 1 | 1 | | | | 17 |
| 1 | 2 | | | | 05, 17 |
| 1 | 3 | | | | 23 |
| 1 | 4 | | | | 05 |
| 1 | 5 | | | | SPARE |
| 1 | 6 | | | | SPARE |
| 1 | 7 | | | | SPARE |
| 2 | 8 | | | | 21 |
| 2 | 9 | | | | SPARE |
| 2 | 10 | | | | SPARE |
| 3 | 11 | | | | SPARE |
| 3 | 12 | | | | SPARE |
| 3 | 13 | | | | SPARE |
| 4 | 14 | | | | SPARE |
| 4 | 15 | | | | SPARE |
| 4 | 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. (SPARE)
 ——— CLOSED CONTACT
 - - - - - OPEN CONTACT
 ROTORS 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. 15-777-2750-3 REV. A

PRC APERTURE CARD

| S34B/IH13-P601 | | CONTROL SWITCH | | |
|-----------------------------|------------------|----------------|------|------------------|
| (CAM 9) CONTACTS | NAMEPLATE (F.V.) | CLOSE | OPEN | CONTACT LOCATION |
| OPERATOR | | X | | 17 |
| F 1 2 | | | X | 05 |
| R 3 4 | | | | |
| OPERATOR BLOCK CR2940 B202A | X-CLOSED CONTACT | | | |
| MAINTAINED CONTACTS | | | | |

NUCLEAR SAFETY RELATED

THE CLEVELAND ELECTRIC ILLUMINATING CO.
 PERRY NUCLEAR POWER PLANT UNIT 1
 ELECTRICAL-ELEMENTARY DIAGRAM
 RESIDUAL HEAT REMOVAL SYSTEM
 HEAT EXCHANGER - SHELL SIDE INLET MOV F047B

| | | | |
|--------------|------|--------------|-------|
| CONSTRUCTION | DATE | RELEASED FOR | ENGR. |
| PRELIMINARY | | | |
| RELEASED FOR | | | |
| ENGR. | | | |

GILBERT ASSOCIATES, INC.
 ENGINEERS AND CONSULTANTS

| | | | | |
|-----|------|-----------|-----------|------|
| REV | MADE | CHKD | APPROVALS | DATE |
| 04 | 4549 | B-208-055 | E12 A49 | |

DRAWING NUMBER SYSTEM SH. NO. REV

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|-------------------|------------------------|--|-------------|------------|------|---------|-----------|------|-----|----------|------|-----------|------|-----|------|---------|-----------|------|-----|-----|----|----------|------------|---------|
| ADDED REFERENCE TO REV. CAT. SCHEDULE | CHANGED FUSE SIZE | ADDED F1'S INFORMATION | REVISED TERM. DESIG. & COIL IDENTIFICATION | READING PA. | 044549-000 | DATE | 6/30/77 | | | | | | | | | | | | | | | | | | |
| REV | MADE | CHKD | APPROVALS | DATE | REV | MADE | CHKD | APPROVALS | DATE | REV | MADE | CHKD | APPROVALS | DATE | REV | MADE | CHKD | APPROVALS | DATE | | | | | | |
| D | JG | PA | DEL | PA | 4/18/72 | C | OJS | JAM | DES | RAM | 11/19/79 | B | KM | JAM | DES | RAM | 8/17/79 | A | WW | JAM | DES | PA | 11/19/79 | 044549-000 | 6/30/77 |

WORK ORDER MADE CHKD. DR. APP. ENGR. APP. DATE

ELEM DIAG IE12-F047B

RIDS

82L2160364

