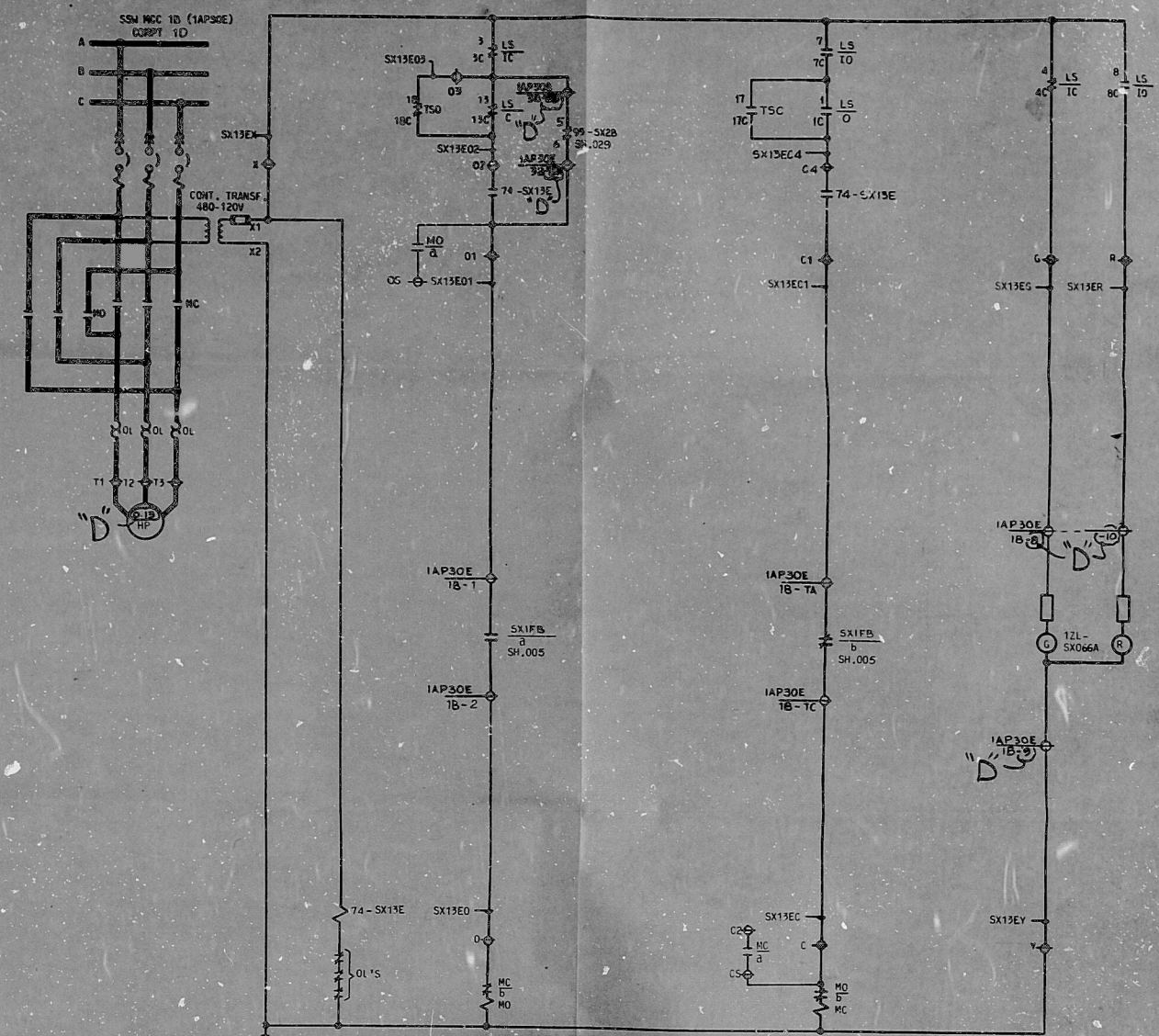




SSW STRAINER 1B BACKWASH VALVE (1SX013E) (2E)  
DEVICE SX13E, WIRING DIAGRAM DRAWING E03-1AP30E-001

ROTORS 3 & 4 CAN BE SET TO OPERATE CONTACT AT VALVE POSITION FULL OPEN, FULL CLOSED, OR ANY POSITION IN BETWEEN. THESE ROTORS ARE ADJUSTABLE INDEPENDENTLY FROM EACH OTHER.

LIM. SW. CONTACTS IN SCHEM. ARE SHOWN WITH THE VLV. IN THE FULLY CLOSED POSITION.

01 +5V TX008B

02 SERVICE VOLTAGE  
ALIGN SH-047

1 SERVICE NOT AVAIL  
INDICATION  
SH-029

3 SERVICE NOT AVAIL  
INDICATION  
SH-029

DEVICE 74-SYCB  
ITE TYPE J10 RIV  
AT IAP30E

01 02 1 2 3 4

OPEN ISK015E  
SERVICE (NOT AVAILABLE)  
ALARM SH.005  
SERVICE (NOT AVAILABLE)  
INDICATION  
SH.005

DEVICES: 72-SK15E  
ATE TYPE J10 RLY.  
AT 1AP00E

TERA  
APERTURE  
CARD

[illegible]

| DRAWING RELEASE RECORD |                                             | FOR NOTES & REFERENCE DWS SEE |    |
|------------------------|---------------------------------------------|-------------------------------|----|
| REV                    | DESCRIPTION                                 | DATE                          | BY |
| 1                      | FOR PGCC FABRICATION ONLY, SPEC. NO. K-2201 |                               |    |
| 2                      | FOR PGCC FABRICATION ONLY, SPEC. NO. K-2201 |                               |    |
| 3                      | FOR CONSTRUCTION, SPEC. NO. W-2999          |                               |    |
| 4                      | MISC. REQ. FOR CONSTRUCTION, SPEC. K-2459   |                               |    |

|         |
|---------|
| SCALE   |
| NONE    |
| PROJECT |
| NUMBER  |
| 4536    |
|         |
|         |
|         |
|         |
|         |

SCHEMATIC DIAGRAM  
SHUTDOWN SERVICE WATER SYSTEM (SX)  
SSW STRAINER 1B BYPASS VALVE 1SX00B  
& BACKWASH VALVE 1SX013E  
CLINTON POWER STATION UNIT 1  
ILLINOIS POWER COMPANY  
CLINTON, ILLINOIS

**SARGENT & LUNDY**  
ENGINEERS  
CHICAGO

DRAWING NO. E02-15X99

SHEET 110 OF 111

R105

8107160523

