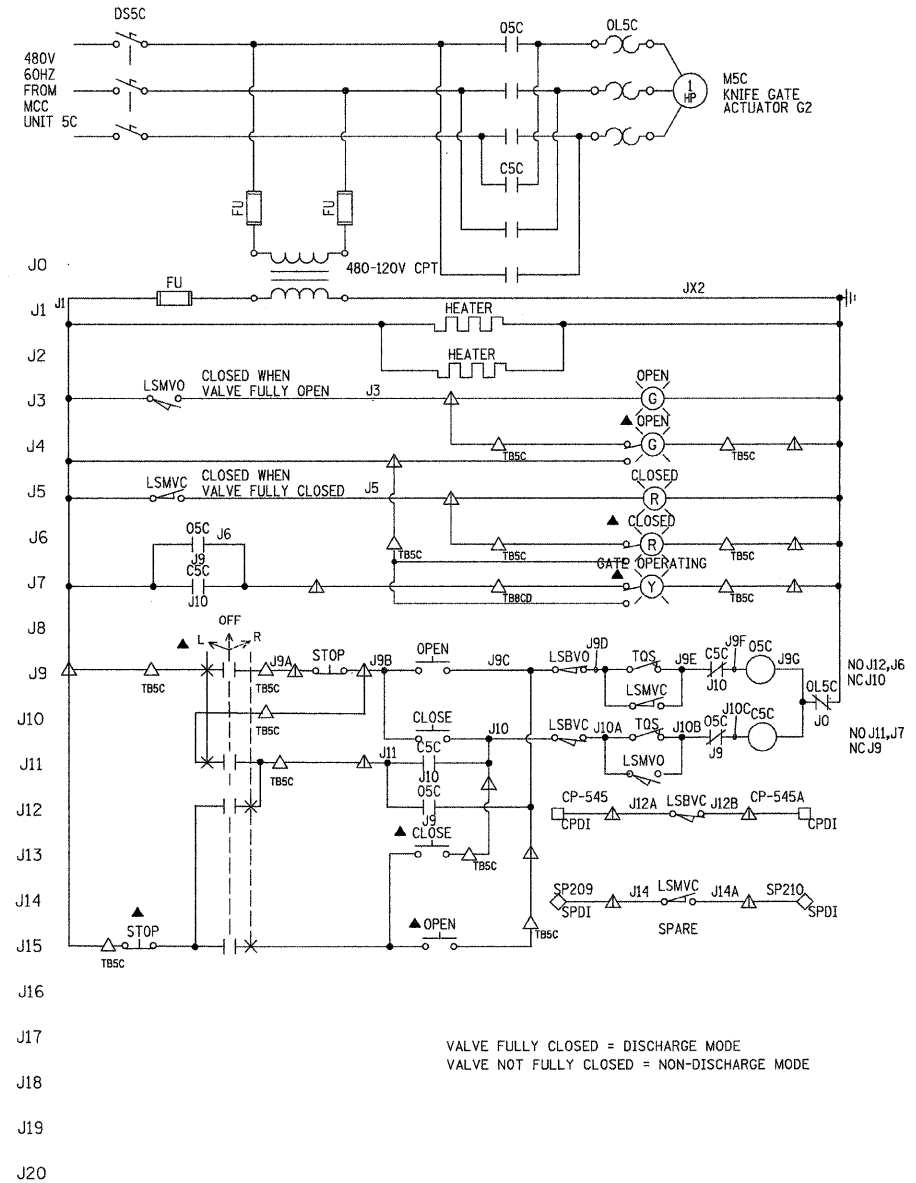


SLIDE GATE ACTUATOR G1

VALVE FULLY OPEN = DISCHARGE MODE
 VALVE NOT FULLY OPEN = NON-DISCHARGE MODE

▲ : DEVICE LOCATED IN MCC FEEDER UNIT DOOR
 ALL DEVICES LOCATED IN THE VALVE ACTUATOR UNLESS OTHERWISE NOTED



KNIFE GATE ACTUATOR G2

VALVE FULLY CLOSED = DISCHARGE MODE
 VALVE NOT FULLY CLOSED = NON-DISCHARGE MODE

NOTE: ALL DEVICES MOUNTED IN MOTOR STARTER UNLESS OTHERWISE NOTED

LEGEND:

LSBVC : LIMIT SWITCH CONTACT BREAKS WHEN GATE IS FULLY CLOSED.
 LSBVO : LIMIT SWITCH CONTACT BREAKS WHEN GATE IS FULLY OPEN.
 LSMVO : LIMIT SWITCH CONTACT MAKES WHEN GATE IS FULLY OPEN.
 LSMVC : LIMIT SWITCH CONTACT MAKES WHEN GATE IS FULLY CLOSED.

△ : TERMINAL LOCATED IN MCC STARTER OR FEEDER UNIT
 ▲ : TERMINAL LOCATED IN LOCAL MOTOR STARTER
 □ : TERMINAL LOCATED IN CONTROL PANEL
 ◇ : TERMINAL LOCATED IN SCADA PANEL
 * : DEVICE LOCALLY MOUNTED
 ▲ : DEVICE LOCATED IN MCC FEEDER UNIT DOOR

ALL DEVICES LOCATED IN THE VALVE ACTUATOR UNLESS OTHERWISE NOTED

LINE NUMBER & WIRE NUMBER PREFIX		
EQUIPMENT	PREFIX SHOWN ON DRAWING	PREFIX TO BE ASSIGNED
DISCHARGE SLIDE GATE G1	G	MSB
RECIRCULATION SLIDE GATE G2	J	M5C



E12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 27
 REHABILITATION

**ELECTRIC VALVE ACTUATORS
 CONTROL SCHEMATIC**

SCALE: AS SHOWN - N/A(Y) DRAWN BY: MS
 DATE: 04-23-10 CHECKED BY: MS