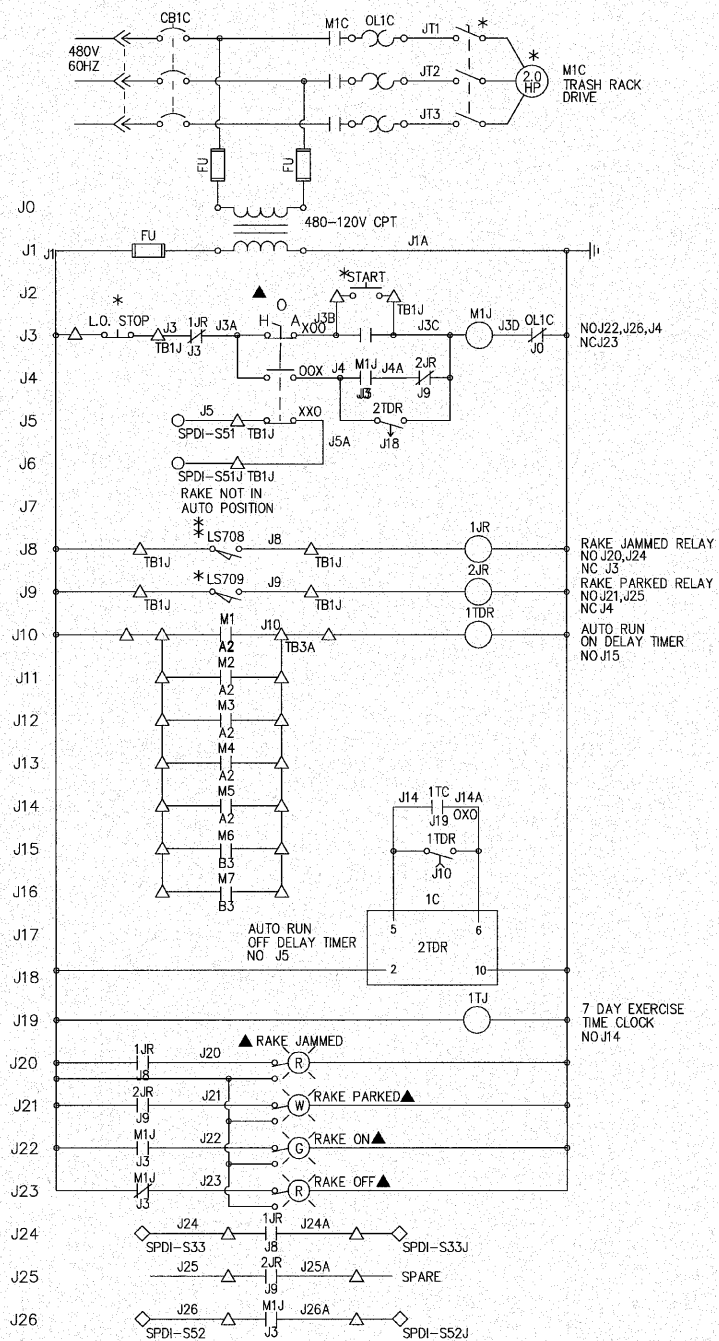


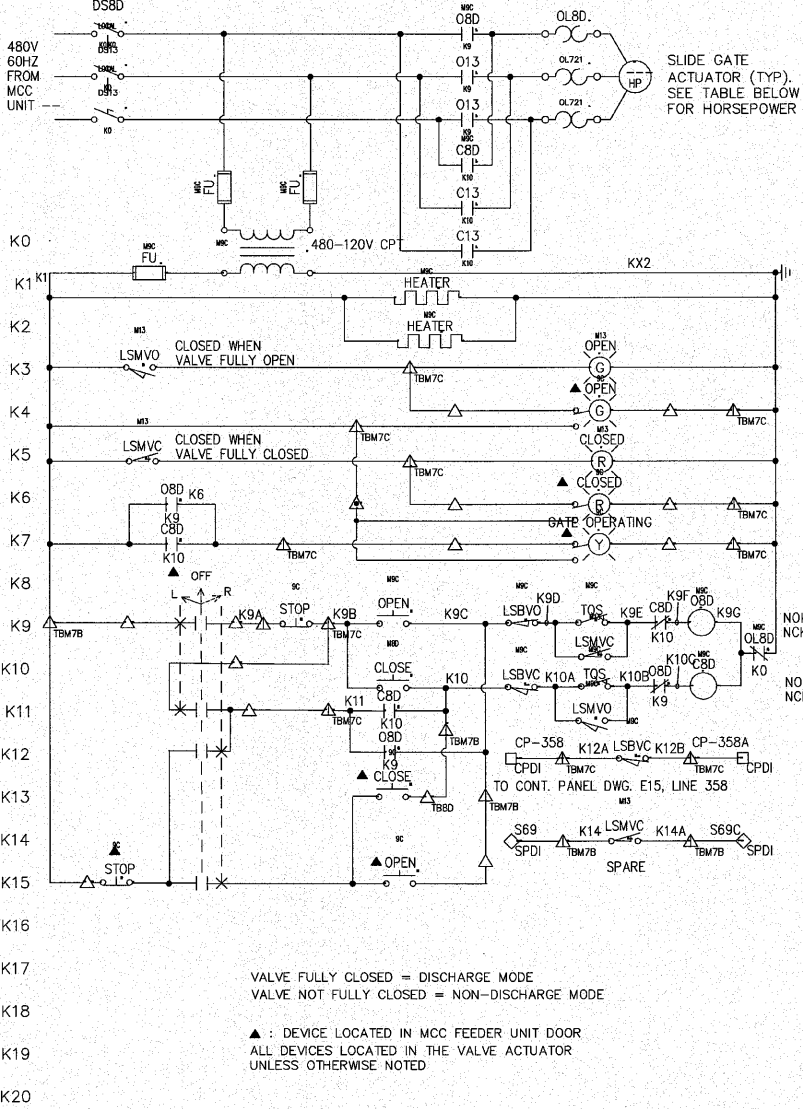


TRASH RACK DRIVE

LEGEND:

- △ : TERMINAL LOCATED IN MOTOR STARTER
- : TERMINAL LOCATED IN CONTROL PANEL
- ◇ : TERMINAL LOCATED IN SCADA PANEL
- ▲ : DEVICE LOCATED ON MOTOR STARTER DOOR
- ⊙ : DEVICE LOCATED ON EF4 MOTOR STARTER DOOR
- * : LOCALLY MOUNTED

ALL DEVICES MOUNTED AT MOTOR STARTER UNLESS OTHERWISE NOTED



PUMP STATION SLIDE GATE CONTROL SCHEMATIC

LINE NUMBER & WIRE NUMBER PREFIX		
EQUIPMENT	PREFIX SHOWN ON DRAWING	ACTUATOR HORSEPOWER
RECIRCULATION SLIDE GATE 024-G-3	K	1.1 HP
DISCHARGE SLIDE GATE NO.1 024-G-1	L	2 HP
DISCHARGE SLIDE GATE NO.2 024-G-2	M	1.2 HP

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

E12

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 24
RELOCATION

TRASH RACK AND SLIDE GATE
CONTROL SCHEMATIC

SCALE: N/A
DATE: 11-22-10

DRAWN BY: CRP
CHECKED BY: MM