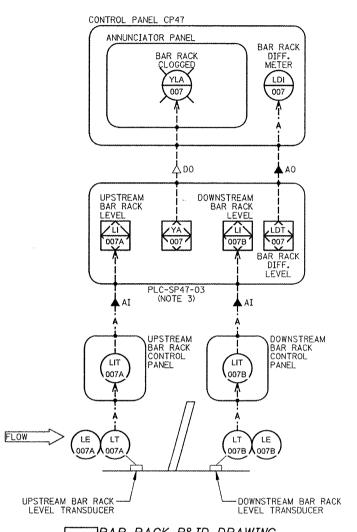


SCREENING CHAMBER SLIDE GATE P&ID DRAWING



2 BAR RACK P&ID DRAWING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I & C PROCESS & INSTRUMENTATION DIAGRAM
PUMP STATION 47
SHEET NO. I-2 OF 10 SHEETS

NOTES:

1. SEE SHEETS GI-1 AND GI-2 FOR INSTRUMENTATION SYMBOL LISTS, ABBREVIATIONS, AND GENERAL NOTES.

2. REFER TO SHEET E10 FOR SLIDE GATE CONTROL WIRING DIAGRAM.

3. PROVIDE INTRINSICALLY SAFE RELAYS AND BARRIERS FOR CONTROL AND INSTRUMENT CABLES RUN FROM HAZARDOUS LOCATIONS INTO CONTROL PANELS, AS REQUIRED TO INSURE SAFE OPERATION IN HAZARDOUS LOCATIONS.

4. CONTROL STATION IS INTEGRAL TO ACTUATOR.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | NO. 338/IL 59 | 2011-035-I | DUPAGE | 181 | 136 | CONTRACT | NO. 60P41 | ILLINOIS| FED. AID PROJECT | ILLINOIS| FED. AID PROJECT | TOTAL | T