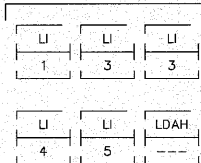


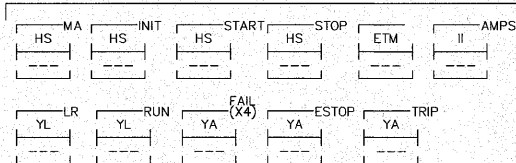
SCADA PANEL HMI

024-PLC-1
(PARTIAL)

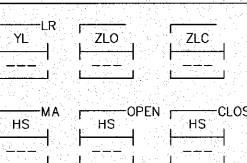
PS 24 LEVELS



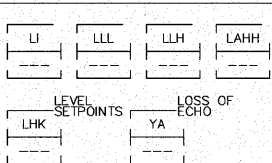
TRASH RACK



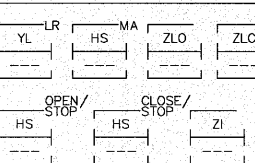
PS 24 RECIRCULATION SLIDE GATE



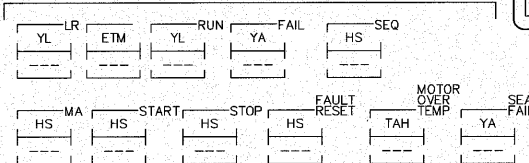
WETWELL (X3)



PS 24 DISCHARGE SLIDE GATE (X3)

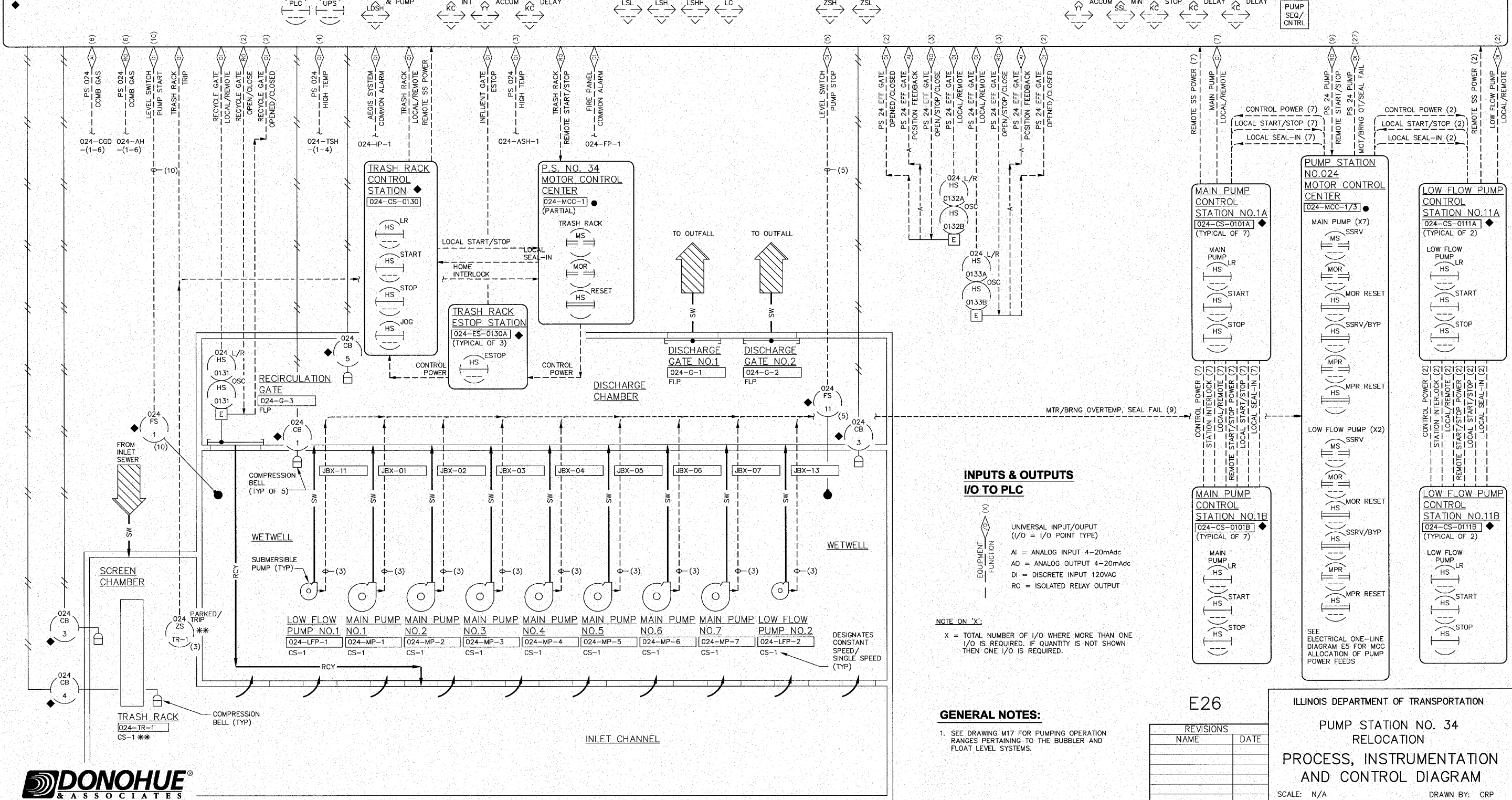


PS 24 PUMP (X9)



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	0103.1 S	COOK	107	99
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

PUMP STATION 24 CONTROL PANELS

024-RTU-1/024-PLC-1
(PARTIAL)INPUTS & OUTPUTS
I/O TO PLC

UNIVERSAL INPUT/OUTPUT
(I/O = I/O POINT TYPE)

AI = ANALOG INPUT 4-20mA dc
AO = ANALOG OUTPUT 4-20mA dc
DI = DISCRETE INPUT 120VAC
RO = ISOLATED RELAY OUTPUT

NOTE ON 'X':

X = TOTAL NUMBER OF I/O WHERE MORE THAN ONE I/O IS REQUIRED. IF QUANTITY IS NOT SHOWN THEN ONE I/O IS REQUIRED.

GENERAL NOTES:

- SEE DRAWING M17 FOR PUMPING OPERATION RANGES PERTAINING TO THE BUBBLER AND FLOAT LEVEL SYSTEMS.

E26

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 34
RELOCATIONPROCESS, INSTRUMENTATION
AND CONTROL DIAGRAM

SCALE: N/A

DATE: 11-22-10

DRAWN BY: CRP

CHECKED BY: MM