

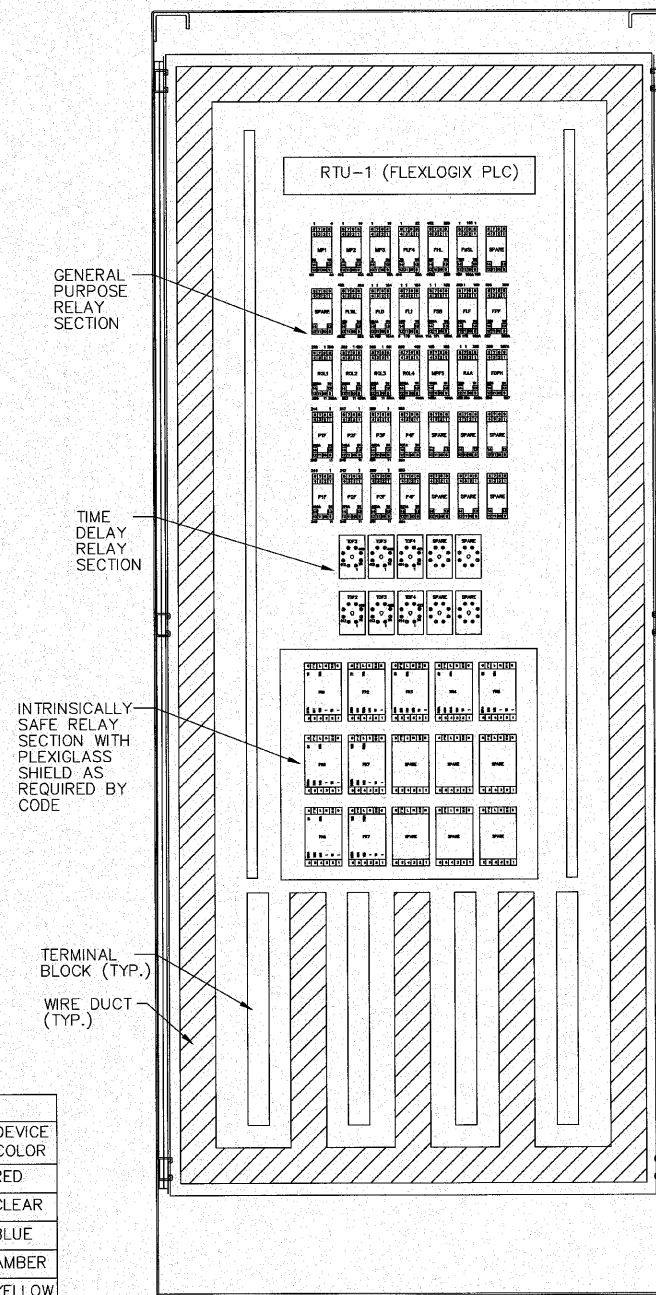
1	MAIN PUMP 1 FAILURE	MAIN PUMP 2 FAILURE	MAIN PUMP 3 FAILURE	MAIN PUMP 4 FAILURE	MAIN PUMP 5 FAILURE	MAIN PUMP 6 FAILURE	MAIN PUMP 7 FAILURE	7
8	MAIN PUMP 1 OVER TEMP/MOISTURE	MAIN PUMP 2 OVER TEMP/MOISTURE	MAIN PUMP 3 OVER TEMP/MOISTURE	MAIN PUMP 4 OVER TEMP/MOISTURE	MAIN PUMP 5 OVER TEMP/MOISTURE	MAIN PUMP 6 OVER TEMP/MOISTURE	MAIN PUMP 7 OVER TEMP/MOISTURE	14
15	LOW FLOW PUMP 1 FAILURE	LOW FLOW PUMP 2 FAILURE	SPARE	SPARE	SPARE	SPARE	SPARE	21
22	LF PUMP 1 OVER TEMP/MOISTURE	LF PUMP 2 OVER TEMP/MOISTURE	SPARE	SPARE	SPARE	SPARE	SPARE	28
29	HIGH WATER LEVEL	INC LINE 1 NORM. SOURCE PWR FAILURE	INC LINE 2 EMER. SOURCE PWR FAILURE	GENERATOR ALARM	SCADA PANEL POWER FAILURE	SCADA PANEL ALARM	SPARE	35
36	LOW WATER LEVEL	COMBUSTIBLE GAS ALARM	COMBUSTIBLE GAS WARNING	COMBUSTIBLE GAS DET. TROUBLE	FIRE ALARM	INTRUSION ALARM	SPARE	42

DETAIL A

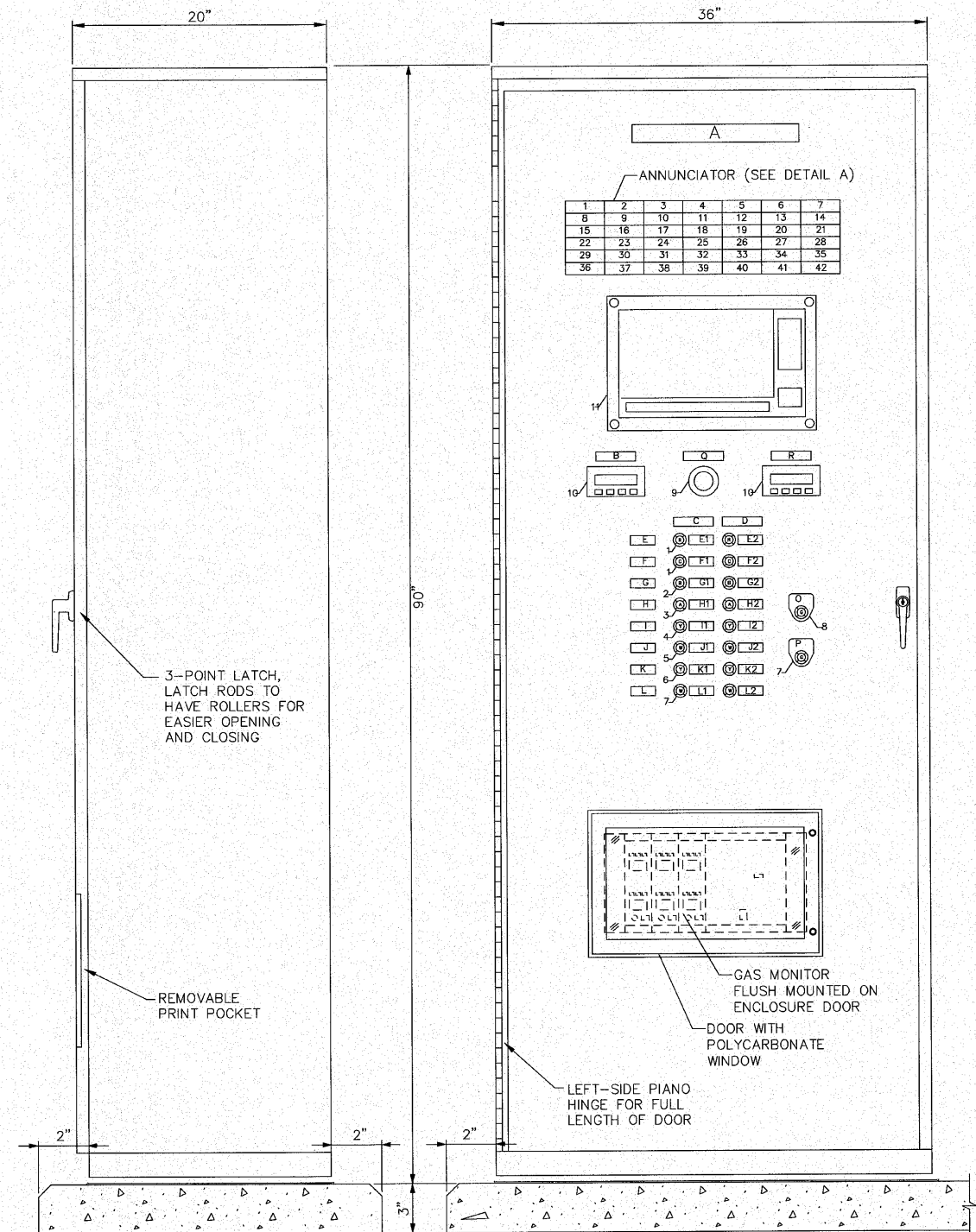
ITEM	NAMEPLATE SCHEDULE
A	CONTROL PANEL 024-RTU-1
B	WET WELL LEVEL LIT-100 FT ABOVE WET WELL FLR
C	SCADA PUMP CALL, FEET ABOVE WET WELL FLOOR
D	FLOAT PUMP CALL, FEET ABOVE WET WELL FLOOR
E	LAG 6 MAIN PUMP CALL
F	LAG 5 MAIN PUMP CALL
G	LAG 4 MAIN PUMP CALL
H	LAG 3 MAIN PUMP CALL
I	LAG 2 MAIN PUMP CALL
J	LAG 1 MAIN PUMP CALL
K	LEAD MAIN PUMP CALL
L	LAG LOW FLOW PUMP CALL
M	LEAD LOW FLOW PUMP CALL
N	
O	ALARM ACKNOWLEDGE
P	LAMP TEST
Q	ALARM BUZZER
R	WET WELL LEVEL LIT-101 FT ABOVE WET WELL FLR
E1	10.0 FEET
E2	10.0 FEET
F1	9.0 FEET
F2	9.5 FEET
G1	8.0 FEET
G2	8.5 FEET
H1	7.0 FEET
H2	7.5 FEET
I1	5.5 FEET
I2	6.0 FEET
J1	4.5 FEET
J2	5.0 FEET
K1	3.0 FEET
K2	4.0 FEET
L1	
L2	2.0 FEET

DEVICE LEGEND		
ITEM	DEVICE DESCRIPTION	DEVICE COLOR
1	INDICATING LIGHT	RED
2	INDICATING LIGHT	CLEAR
3	INDICATING LIGHT	BLUE
4	INDICATING LIGHT	AMBER
5	INDICATING LIGHT	YELLOW
6	INDICATING LIGHT	WHITE
7	PUSH BUTTON	YELLOW
8	PUSH BUTTON	GREEN
9	ALARM BUZZER	
10	DIGITAL METER	
11	GRAPHICAL INTERFACE	

NOTE:
THE CONTROL PANEL SHALL BE OF SUFFICIENT DEPTH TO ACCOMMODATE THE GAS MONITOR, ANNUNCIATOR AND OTHER DEVICES. PROPER CLEARANCE SHALL BE PROVIDED BETWEEN DOOR MOUNTED DEVICES AND PANEL MOUNTED DEVICES.



INSIDE PANEL ENCLOSURE



SIDE VIEW

CONTROL PANEL - FRONT VIEW

CONTROL PANEL 024-RTU-1

E25

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 24
RELOCATION

CONTROL PANEL
EQUIPMENT LAYOUT

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

DRAWN BY: CRP
CHECKED BY: MM