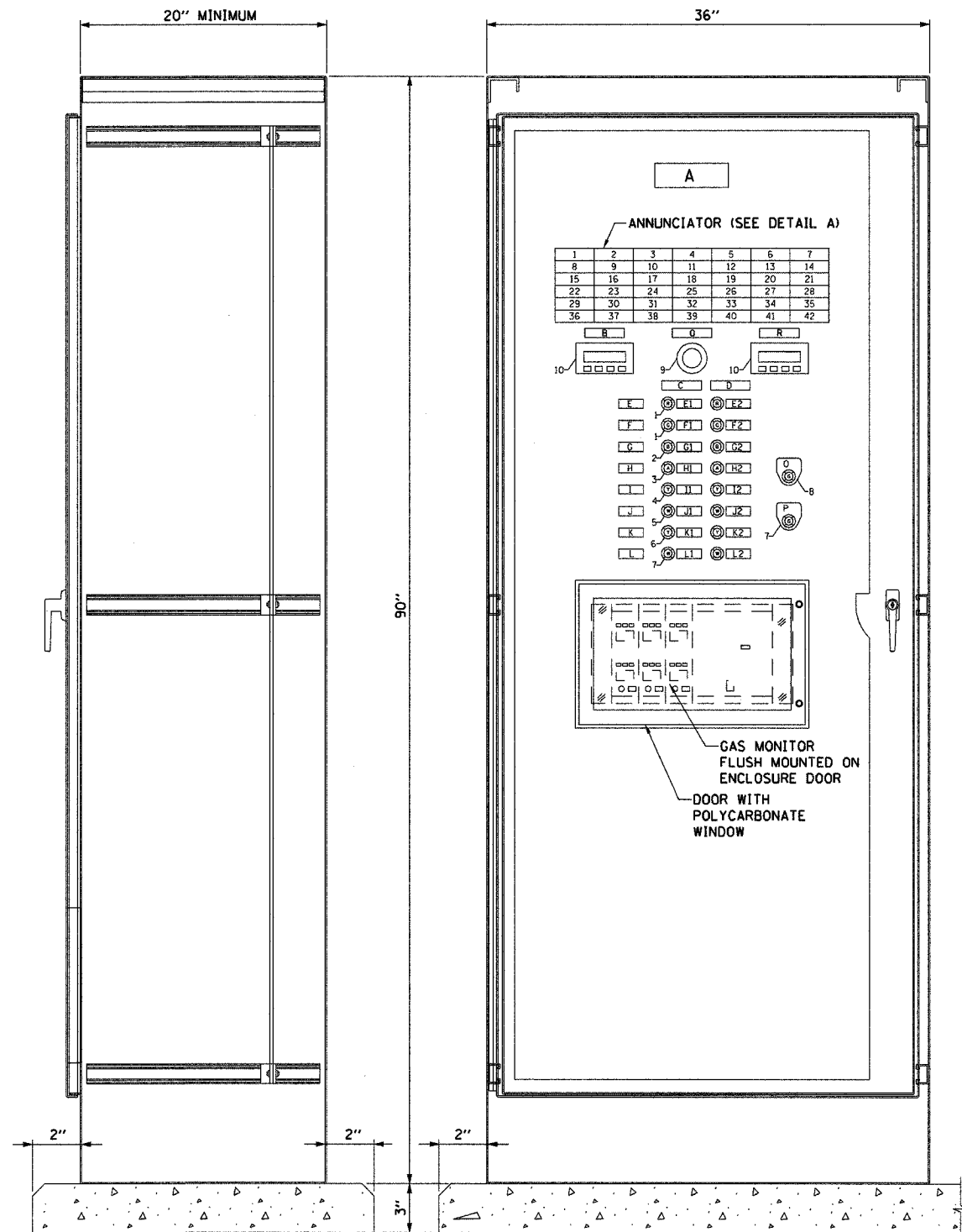


1	MAIN PUMP 1 FAILURE	MAIN PUMP 2 FAILURE	MAIN PUMP 3 FAILURE	MAIN PUMP 4 FAILURE	MAIN PUMP 5 FAILURE	MAIN PUMP 6 FAILURE	SPARE	7
8	MAIN PUMP 1 OVER TEMP/MOISTURE	MAIN PUMP 2 OVER TEMP/MOISTURE	MAIN PUMP 3 OVER TEMP/MOISTURE	MAIN PUMP 4 OVER TEMP/MOISTURE	MAIN PUMP 5 OVER TEMP/MOISTURE	MAIN PUMP 6 OVER TEMP/MOISTURE	CARBON MONOXIDE ALARM	14
15	SUMP PUMP 1 FAILURE	SUMP PUMP 2 FAILURE	SUBMERSIBLE MIXER 1 FAILURE	SUBMERSIBLE MIXER 2 FAILURE	SUBMERSIBLE MIXER 3 FAILURE	SUBMERSIBLE MIXER 4 FAILURE	CO DETECTOR FAILURE	21
22	SUMP PUMP 1 OVER TEMP/MOISTURE	SUMP PUMP 2 OVER TEMP/MOISTURE	SUBMERSIBLE MIXER 1 TEMP/MOIST.	SUBMERSIBLE MIXER 2 TEMP/MOIST.	SUBMERSIBLE MIXER 3 TEMP/MOIST.	SUBMERSIBLE MIXER 4 TEMP/MOIST.	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	DISPATCHER'S PANEL COMM. FAIL.	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
B	ULTRASONIC WET WELL LVL, LI-100 FT ABOVE WET PIT FLR
C	SCADA PUMP CALL, FEET ABOVE WET PIT FLOOR
D	FLOAT PUMP CALL, FEET ABOVE WET PIT FLOOR
E	LAG 5 MAIN PUMP CALL
F	LAG 4 MAIN PUMP CALL
G	LAG 3 MAIN PUMP CALL
H	LAG 2 MAIN PUMP CALL
I	LAG 1 MAIN PUMP CALL
J	LEAD MAIN PUMP CALL
K	LAG SUMP PUMP CALL
L	LEAD SUMP PUMP CALL
M	
N	
O	ALARM ACKNOWLEDGE
P	LAMP TEST
Q	ALARM BUZZER
R	HYDDROSTATIC WET WELL LVL, LI-101 FT ABOVE WET PIT FLR
E1	13.0 FEET
E2	13.5 FEET
F1	12.0 FEET
F2	12.5 FEET
G1	11.0 FEET
G2	11.5 FEET
H1	10.0 FEET
H2	10.5 FEET
I1	9.0 FEET
I2	9.5 FEET
J1	8.0 FEET
J2	8.5 FEET
K1	5.5 FEET
K2	6.5 FEET
L1	5.0 FEET
L2	6.0 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	



SIDE VIEW - PANEL REMOVED

CONTROL PANEL - FRONT VIEW

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.

E31

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BOWMAN AVENUE PUMP STATION
REHABILITATION
CONTROL PANEL
EQUIPMENT LAYOUT

SCALE: AS SHOWN

DRAWN BY: LMJ

DATE: 09-12-05

CHECKED BY: KCC

PLOT DATE: *DATE-TIME*

ALVORD, BURDICK & HOWSON, L.L.C.
ENGINEERS CHICAGO

DATE: _____
BY: _____
CHECKED: _____
CADD FILE NAME: _____

DATE-TIME