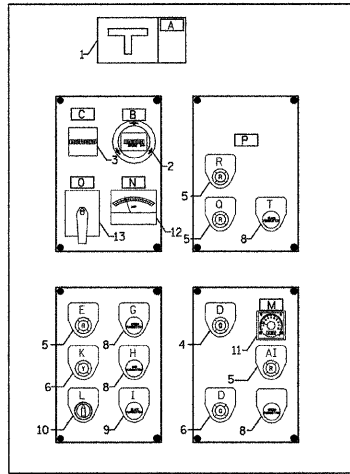


MCC-PS27 FRONT ELEVATION

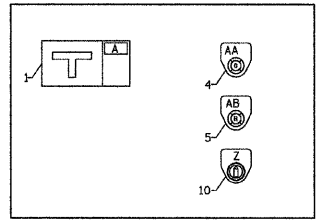
NAMEPLATE SCHEDULE 1" x 3"	
ITEM	ENGRAVING
MCC	MOTOR CONTROL CENTER - PS27
1A	1A-MAIN BREAKER NO. 1(400A)
1B	1B-MAIN BREAKER NO. 2(400A)
2A	2A-TVSS
2B	2B-AUTOMATIC TRANSFER SWITCH(3P-400A)
3A	3A-PUMP ROOM SUPPLY FAN SF1
3B	3B-PUMP ROOM LOWER LEVEL EXHAUST FAN EF1
3C	3C-PUMP ROOM EXHAUST FAN EF2
3D	3D-STAIRWAY EXHAUST FAN EF3
3E	3E-PUMP ROOM UNIT HEATER EUH-1
3F	3F-PUMP ROOM UNIT HEATER EUH-2
3G	3G-PUMP ROOM UNIT HEATER EUH-3
4A	4A-CONTROL ROOM EXHAUST FAN EF4
4B	4B-SPARE SIZE 1 FVNR
4C	4C-SPACE
4D	4D-SPACE
4E	4E-CONTROL ROOM UNIT HEATER EUH-4
4F	4F-CONTROL ROOM UNIT HEATER EUH-5
4G	4G-PUMP ROOM UNIT HEATER EUH-6
4H	4H-SPARE BREAKER 3P-20A
5A	5A-LOW FLOW PUMP NO. 9
5B	5B-DISCHARGE SLIDE GATE ACTUATOR G1
5C	5C-RECIRCULATION SLIDE GATE ACTUATOR G2
5D	5D-LIGHTING TRANSFORMER PRIMARY BREAKER
5E	5E-SPARE BREAKER 3P-20A
6A	6A-LOW FLOW PUMP NO. 10
6B	6B-AIR COMPRESSOR
6C	6C-POWER RECEPTACLE 3P-30A
6D	6D-SPARE BREAKER 3P-20A
6E	6E-SPARE BREAKER 3P-20A

ITEM	NAMEPLATE SCHEDULE
A	POWER DISCONNECT
B	ELAPSED RUN TIME
C	PUMP STARTS
D	PUMP RUNNING
E	PUMP OFF
F	PUMP CALL
G	MANUAL START
H	MOTOR BUMP
I	MANUAL STOP
J	TIMED START
K	MANUAL OPERATION
L	MANUAL OPERATION - OFF - AUTO OPERATION
M	TIMED RUN TIMER
N	AMMETER
O	AMMETER SWITCH (OFF-ØA-ØB-ØC)
P	MOTOR MOISTURE/TEMPERATURE DETECTOR
Q	HIGH MOISTURE
R	MOTOR WINDING HIGH TEMPERATURE
S	BEARING HIGH TEMPERATURE (FOR MAIN PUMP ONLY)
T	RESET
U	OPEN
V	GATE OPERATING
W	CLOSE
X	STOP
Y	LOCAL-OFF-REMOTE
Z	ON-OFF-AUTO
AA	ON
AB	OFF
AC	OPEN (DISCHARGE POSITION)
AD	CLOSED (RECIRCULATION POSITION)
AE	OPEN (RECIRCULATION POSITION)
AF	CLOSED (DISCHARGE POSITION)
AG	MOIST. DETECTOR TEST
AH	ON-AUTO
AI	PURGE ALARM

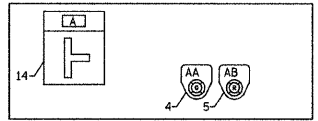
DEVICE LEGEND		
ITEM	DEVICE DESCRIPTION	DEVICE COLOR
1	MOTOR CIRCUIT PROTECTOR	
2	ELAPSED TIME METER	BLACK
3	ELECTROMECHANICAL COUNTER	BLACK
4	INDICATING LIGHT	GREEN
5	INDICATING LIGHT	RED
6	INDICATING LIGHT	YELLOW
7	PUSHBUTTON	GREEN
8	PUSHBUTTON	BLACK
9	PUSHBUTTON	RED
10	3 - POSITION SELECTOR SWITCH	BLACK
11	0 - 30 MINUTE TIMER, RESETABLE	BLACK
12	AMMETER	BLACK
13	AMMETER SWITCH (4-POSITION)	BLACK
14	CIRCUIT BREAKER	BLACK
15	LIGHTED PUSHBUTTON	RED
16	2-POSITION SELECTOR SWITCH	BLACK
17	DIGITAL METERING	BLACK



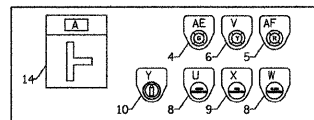
DOOR MOUNTED DEVICE LAYOUT
(TYPICAL FOR LOW FLOW PUMP NO. 9 - 10)



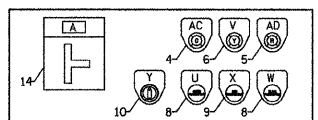
SUPPLY FAN SF1
(TYPICAL FOR EXHAUST FANS EF2, EF3 & EF4)



EXHAUST FAN EF1



RECIRCULATION SLIDE GATE
ACTUATOR G2



DISCHARGE SLIDE GATE
ACTUATOR G1



E6

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PUMP STATION NO. 27
REHABILITATION
MCC ELEVATION
SCALE: N/A
DATE: 04-23-10
DRAWN BY: MS
CHECKED BY: MS