


SYSTEM OUTPUTS

| SYSTEM INPUTS | | CONTROL UNIT ACTIVATION | | | | | | | | NOTIFICATION | | | | | |
|---------------|---|---------------------------------------|------------------------------|-----------------------------------|--|-------------------------------|---|------------------------------------|--|---|---|------------------------------------|--------------------------------------|---|---|
| | | ACTUATE COMMON ALARM SIGNAL INDICATOR | ACTUATE AUDIBLE ALARM SIGNAL | ACTUATE COMMON SUPERVISORY SIGNAL | ACTUATE AUDIBLE SUPERVISORY SIGNAL INDICATOR | ACTUATE COMMON TROUBLE SIGNAL | DISPLAY ALPHA-NUMERIC COMMON TROUBLE SIGNAL | RECORD EVENTS IN THE SYSTEM MEMORY | TRANSMIT FIRE ALARM SIGNAL TO REMOTE ALARM RECEIVING STATION | TRANSMIT SUPERVISORY SIGNAL TO REMOTE ALARM RECEIVING STATION | TRANSMIT TROUBLE SIGNAL TO REMOTE ALARM RECEIVING STATION | TRANSMIT ALARM SIGNAL TO MASTERBOX | TRANSMIT TROUBLE SIGNAL TO MASTERBOX | | |
| | | A | B | C | D | E | F | G | H | I | J | K | L | M | |
| 1 | ALARM SIGNAL FROM EXISTING FACP | ● | ● | | | | | ● | ● | ● | | | ● | | 1 |
| 2 | SPRINKLER TAMPER | | | ● | ● | | | ● | ● | | ● | | | | 2 |
| 3 | SPRINKLER WATERFLOW | ● | ● | | | | | ● | ● | ● | | | ● | | 3 |
| 4 | FCPS POWER FAIL | | | ● | ● | | | ● | ● | | ● | | | | 4 |
| 5 | FCPS GROUND FAULT | | | | | ● | ● | ● | ● | | | ● | | | 5 |
| 6 | FCPS NOTIFICATION APPLIANCE CIRCUIT SHORT | | | | | ● | ● | ● | ● | | | ● | | | 6 |
| 7 | MASTERBOX DISCONNECT SWITCH ACTIVATED | | | | | ● | ● | ● | ● | | | | | ● | 7 |
| | | A | B | C | D | E | F | G | H | I | J | K | L | M | |

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| SUBMITTAL | DATE: 05/07/2015 |
| CAUSE AND EFFECT MATRIX | |
| PROJECT NAME | BY: JRS |
| BUTLER BUILDING 77 PINE STREET PORTLAND, MAINE 04102 | SCALE: NONE |
|  Prepared For Tomorrow, Delivered Today 2257 BROADWAY, SOUTH PORTLAND, MAINE | SHEET: MX-1 |