

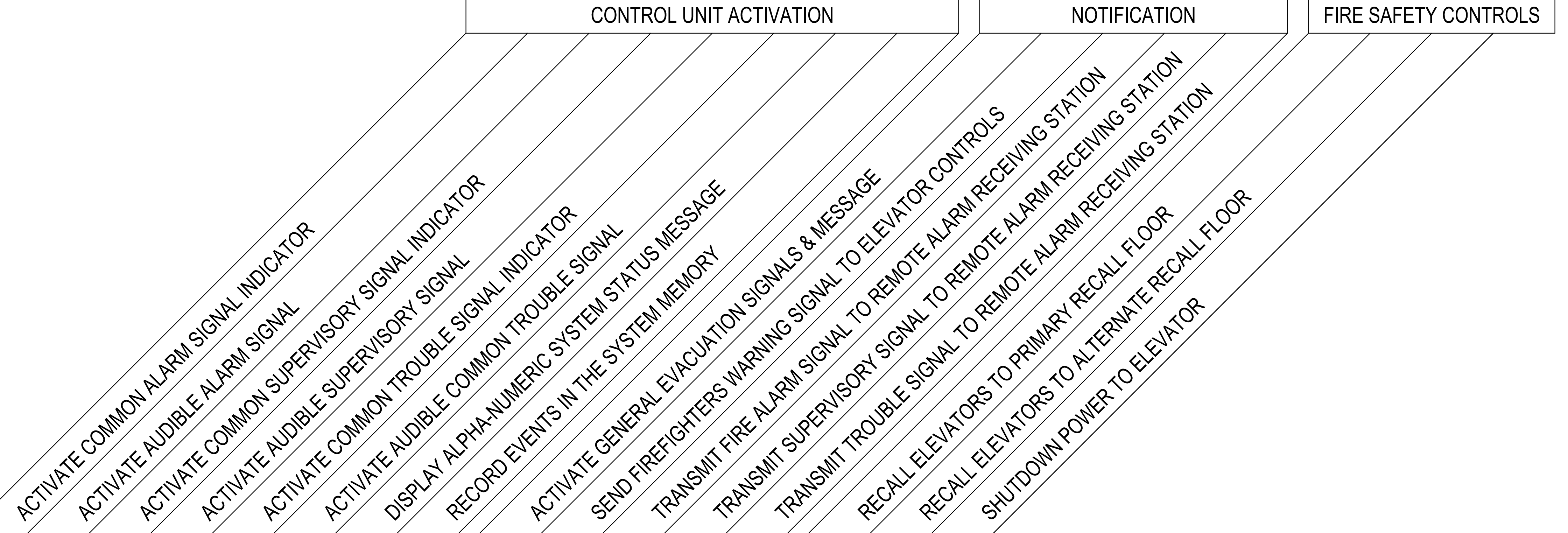
SYSTEM INPUTS

SYSTEM OUTPUTS


CONTROL UNIT ACTIVATION

NOTIFICATION

FIRE SAFETY CONTROLS



| | | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|
| 1 | MANUAL FIRE ALARM PULL STATION | ● | ● | | | | | ● | ● | ● | | ● | | | | | | 1 |
| 2 | AREA HEAT DETECTOR | ● | ● | | | | | ● | ● | ● | | ● | | | | | | 2 |
| 3 | AREA SMOKE DETECTOR | ● | ● | | | | | ● | ● | ● | | ● | | | | | | 3 |
| 4 | ELEVATOR LOBBY SMOKE DETECTOR - PRIMARY FLOOR | ● | ● | | | | | ● | ● | ● | | ● | | | | ● | | 4 |
| 5 | ELEVATOR LOBBY SMOKE DETECTOR - ALTERNATE FLOOR | ● | ● | | | | | ● | ● | ● | | ● | | | ● | | | 5 |
| 6 | ELEVATOR SMOKE DETECTOR | ● | ● | | | | | ● | ● | ● | ● | ● | | | ● | | | 6 |
| 7 | ELEVATOR HEAT DETECTOR | ● | ● | | | | | ● | ● | ● | ● | ● | | | ● | | ● | 7 |
| 8 | SPRINKLER WATERFLOW | ● | ● | | | | | ● | ● | ● | | ● | | | | | | 8 |
| 9 | SPRINKLER TAMPER VALVE | | | ● | ● | | | ● | ● | | | | ● | | | | | 9 |
| 10 | FIRE ALARM AC POWER FAILURE | | | | | ● | ● | ● | ● | | | | | ● | | | | 10 |
| 11 | FIRE ALARM SYSTEM LOW BATTERY | | | | | ● | ● | ● | ● | | | | | ● | | | | 11 |
| 12 | OPEN CIRCUIT | | | | | ● | ● | ● | ● | | | | | ● | | | | 12 |
| 13 | GROUND FAULT | | | | | ● | ● | ● | ● | | | | | ● | | | | 13 |
| 14 | NOTIFICATION APPLIANCE CIRCUIT SHORT | | | | | ● | ● | ● | ● | | | | | ● | | | | 14 |

| | | |
|---|-----------------------|------------|
| REVISION 0: SUBMITTAL | | 06/06/2017 |
| CAUSE & EFFECT MATRIX | | |
| PROJECT NUMBER: 324481SP | SCALE: NONE | |
| PROJECT: | DRAWN BY: JRS | |
| CARLETON STREET SENIOR HOUSING 17 CARLETON STREET PORTLAND, MAINE 04102 | CHECKED BY: DG | |
| SHEET: | | MX-01 |
|  | | |
| 2257 BROADWAY | SOUTH PORTLAND, MAINE | |