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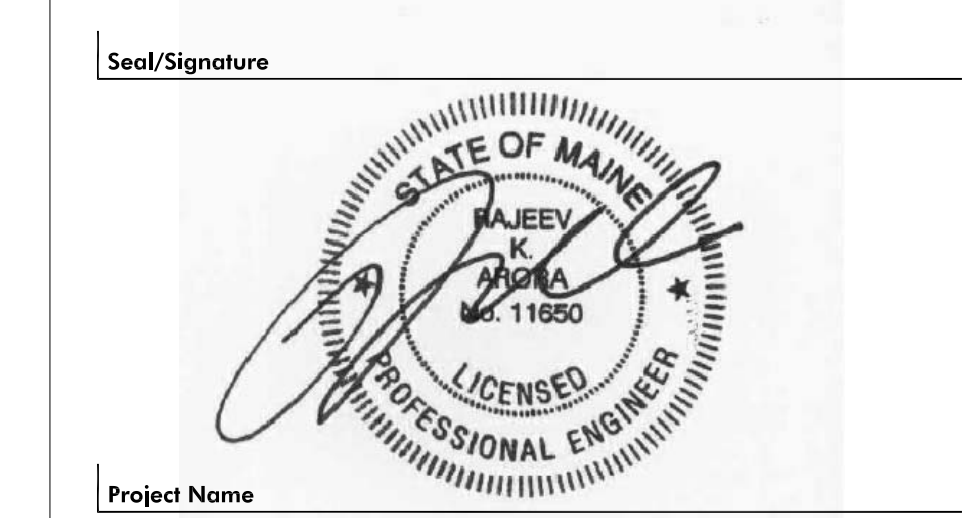
	ACTIVATE ALARM AT FACP #1	ACTIVATE SUPERVISORY AT FACP #1	ACTIVATE ALARM AT FACP #2	ACTIVATE SUPERVISORY AT FACP #2	ACTIVATE ALARM AT FACP #3	ACTIVATE SUPERVISORY AT FACP #3	ACTIVATE ALARM AT FACP	SUPERVISORY AT FACP	ALARM AT EXISTING ANN (LOBBY), FD ANN	SUPERVISORY AT EXIST. ANN (LOBBY), FD ANN	ON TSW SIGNAL	SIGNAL TRANSMISSION TO FIRE DEPARTMENT	SHUT OFF AHU	RECALL ELEVATOR TO PRIMARY FLOOR	RECALL ELEVATOR TO SECONDARY FLOOR	SHUNT TRIP	GENERAL EVACUATION	UNLOCK CHEXIT DOOR 1506B	UNLOCK CHEXIT DOOR 2530A	UNLOCK CHEXIT DOOR 2529A	UNLOCK CHEXIT DOOR 2529C	UNLOCK CHEXIT DOOR 2528A	UNLOCK CHEXIT DOOR 2528C	UNLOCK CHEXIT DOOR 2527A	UNLOCK CHEXIT DOOR 2527C	UNLOCK CHEXIT DOOR 2526A	UNLOCK CHEXIT DOOR 2526C	UNLOCK CHEXIT DOOR 2505A	UNLOCK CHEXIT DOOR 3514B	UNLOCK CHEXIT DOOR 3514A	SHUT FIRE SHUTTER	SHUT BAGGAGE FIRE DOOR					
TAMPER SWITCH																																					
NEW BUILDING	X		X		X		X		X	X																											
EXISTING BUILDING	X		X		X		X		X	X																											
FLOW SWITCH																																					
EXISTING BUILDING	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z3 (NEW SPRINKLER ZONE 2-8)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z4 (ELEVATOR 8&9 PIT)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z5 (ELEVATOR 6&7 PIT)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z5 (ELEVATOR 10 PIT)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z5 (BAG SPRINKLER ZONE 2-2)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z5 (BAG SPRINKLER ZONE 2-6)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L3.Z3 (NEW SPRINKLER ZONE 3-8)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L2.Z4 (ELEVATOR MACHINE ROOM)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L3.Z5 (ELEVATOR MACHINE RM2506)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L3.Z5 (NEW SPRINKLER ZONE 3-2)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L3.Z5 (NEW SPRINKLER ZONE 3-3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z5 (NEW SPRINKLER ZONE 4-5)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z5 (NEW SPRINKLER ZONE 4-6)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z5 (ELEVATOR CONTROL RM3519)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z6 (NEW SPRINKLER ZONE 4-2)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z6 (NEW SPRINKLER ZONE 4-3)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z6 (NEW SPRINKLER ZONE 4-7)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
L4.Z6 (NEW SPRINKLER ZONE 4-1)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
DRY SYSTEM																																					
PRESSURE SWITCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LOW AIR SWITCH		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CONTROL VALVE W/ TAMPER SWITCH		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
HIGH AIR SWITCH		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
HEAT DETECTORS																																					
EXISTING BUILDING	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ELEVATOR MACHINE RM - LEVEL 2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ELEV MACHINE RM2506 - LEVEL 3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ELEV CONTROL RM3519 - LEVEL 4	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ELEVATOR PIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
GENERATOR ROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SMOKE DETECTORS																																					
*BAGGAGE FIRE DOOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
*FIRE SHUTTER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
2ND FLOOR ELEVATOR LOBBY									X	X																											
3RD,4TH FLOOR ELEVATOR LOBBY									X	X		X																									
ELEVATOR MACHINE RM - LEVEL 2									X	X		X																									
ELEV MACHINE RM2506 - LEVEL 3									X	X		X																									
ELEV CONTROL RM3519 - LEVEL 4									X	X		X																									
ELEVATOR PIT									X	X		X																									
STORAGE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
TELECOMMUNICATION ROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ELECTRICAL ROOM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ELECTRICAL CLOSET	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
JANITOR'S CLOSET	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
EGRESS PATH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

SIXTY (60) SECOND ALARM VERIFICATION SHALL BE REQUIRED FOR SMOKE DETECTORS BEFORE THE SYSTEM GOES INTO AN ALARM MODE AND CLOSES FIRE DOORS AND RELEASES ALL SECURITY DOORS.

GENERAL NOTES

- A PRIOR TO THE START OF CONSTRUCTION AND TO SHOP DRAWING SUBMISSION, THE CONTRACTOR SHALL SCHEDULE A MEETING WITH THE CONSTRUCTION MANAGER AND THE CITY OF PORTLAND FIRE DEPARTMENT TO REVIEW THE PROPOSED ALARM PROGRAMMING MATRIX. IN THE EVENT THAT THE FIRE DEPARTMENT REQUIRES SOFTWARE CHANGES THAT DEVIATE FROM THE ALARM MATRIX PROVIDED IN THIS PACKAGE, THEN IT SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST.
- B THE PRIMARY FLOOR OF RECALL SHALL BE THE SECOND FLOOR AND THE SECONDARY FLOOR OF RECALL SHALL BE FOURTH FLOOR.
- C UPON ACTIVATION OF THE HEAT DETECTOR IN THE ELEVATOR PIT, ELEVATOR MACHINE ROOM AND THE ELEVATOR CONTROL ROOM USED FOR ELEVATOR POWER SHUTDOWN, THERE SHALL BE A DELAY IN THE ACTIVATION OF THE SHUNT TRIP. THE DELAY SHALL BE AS LONG AS IT TAKES THE ELEVATOR CAB TO TRAVEL FROM THE TOP OF THE HOISTWAY TO THE LOWEST RECALL LEVEL.
- D CONTROL CIRCUITS USED FOR THE ELEVATOR POWER SHALL BE MONITORED FOR THE PRESENCE OF VOLTAGE. LOSS OF VOLTAGE SHALL CAUSE A SUPERVISORY SIGNAL TO BE INDICATED AT THE FIRE ALARM CONTROL PANEL AND ANNUNCIATORS.

Issue	Date & Issue Description	By	Check
	10/26/09		
	100% ISSUED FOR PERMIT		



Project Name  
PWM TERMINAL EXPANSION

Project Number

CAD File Name  
FA12.02

Description  
FIRE ALARM INPUT/OUTPUT PROGRAMMING MATRIX

Scale  
As Indicated

**FA12.02**

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