

FIRE ALARM LEGEND

Symbol	Description
	Smoke Detector
	Smoke Detector Analog addressable - E elevator recall
	Duct Smoke Detector
	Smoke Alarm- local, strobe
	Smoke Alarm - local, 120 VAC/VDC Tandem
	Combination Smoke/CO Alarm- local, 120 VAC/VDC Tandem
	Combination Smoke/CO Detector - Addressable With Intelligent Sounder Base
	Heat Detector - Analog Addressable ROR Rate of Rise, F-fixed Temp, 135 or 190 Degree Fahrenheit
	CO Detector, 24 VDC Ceiling Mounted
	Pull Station - dual action addressable
	Horn/Strobe Unit
	Horn/Strobe Unit - "C" indicating ceiling mounted
	Horn/Strobe Unit - weatherproof
	Mini Horn
	Speaker Strobe Only
	Speaker Strobe Only - weatherproof
	Low Frequency Sounder with Strobe
	Low Frequency Sounder
	Strobe Only Unit
	Strobe Only Unit - weatherproof
	Strobe Only Unit - ceiling mounted
	Exterior Beacon
	Mini Monitor Module
	Supervised Addressable Zone Module
	Flow Switch
	Tamper Switch
	Pressure Switch
	Power Supply
	Fire Alarm Control Panel
	Remote Annunciator
	Emergency Voice Evacuation Control Panel
	Remote Test Station
	Remote Alarm Indicator
	Six Relay Module
	Addressable Relay Module
	Radio Box
	Monitor Module
	Bell
	Isolation Module
	Ditek-120hw Surge Arrestor
	Control Module
	EOLR
	Master Box

FIRE ALARM GENERAL NOTES

1. FIRE ALARM INSTALLATION SHALL COMPLY WITH ALL LOCAL CODES AND REGULATIONS AND BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
2. ALL FIRE ALARM RACEWAY SIZES AND CIRCUITRY REQUIREMENTS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND MANUFACTURERS RECOMMENDATIONS
3. PROVIDE 120V 20A DEDICATED CIRCUIT TO CONTROL PANELS, POWER SUPPLIES, ETC AS NEEDED. CIRCUIT BREAKERS SHALL BE EQUIPPED WITH LOCKS TO PREVENT ACCIDENTAL SHUT OFF AND BE CLEARLY MARKED "FIRE ALARM CIRCUIT"
4. WIRING SHALL BE COLOR CODED ACCORDING TO ALL APPLICABLE CODES AND SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SYSTEM
5. ALL WIRING SHALL BE CHECKED AND TESTED TO ENSURE THERE ARE NO OPEN OR GROUND CONDITION PRIOR TO ENERGIZING SYSTEM
6. ALL STROBES SHALL BE SYNCHRONIZED AT THE END OF CONSTRUCTION
7. SMOKE DETECTORS HEADS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEANUP OF ALL TRADES IS COMPLETE AND FINAL IN ACCORDANCE WITH NFPA 72

	Control Unit Annunciation	Notification	Required Fire Safety Control	Supplementary																		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	
1	Manual Alarm Boxes	x	x																			
2	Smoke Detectors	x	x																			
3	In Duct Smoke Detector																					
4	Heat Detectors	x	x																			
5	Waterflow	x	x																			
6	Sprinkler Tamper Switch			x	x																	
7	Sprinkler Pressure Switch	x	x																			
8	FACP Ground Fault																					
9	FACP AC Power Failure																					
10	FACP Battery Failure																					
11	SLC Open Circuit																					
12	SLC Ground Fault																					
13	NAC Short																					
14	NAC Open																					
15	NAC Ground Fault																					
16	Annunciator Communications Failure																					
17	Power Supply AC Loss																					
18	Power Supply Battery Failure																					
19	Elevator Lobby Smoke Detector																					

INPUT OUTPUT SCHEDULE

Fire Technologies
Engineered System Distributors
Fire Technologies LLC
garye@firetechnologiesllc.com

ELECTRICAL CONTRACTOR:
DEAN & ALLYN, INC.
FIRE PROTECTION • SPECIAL HAZARD
116 LEWISTON ROAD, GRAY, MAINE 04039
(207)657-5646 FAX:(207)657-5647

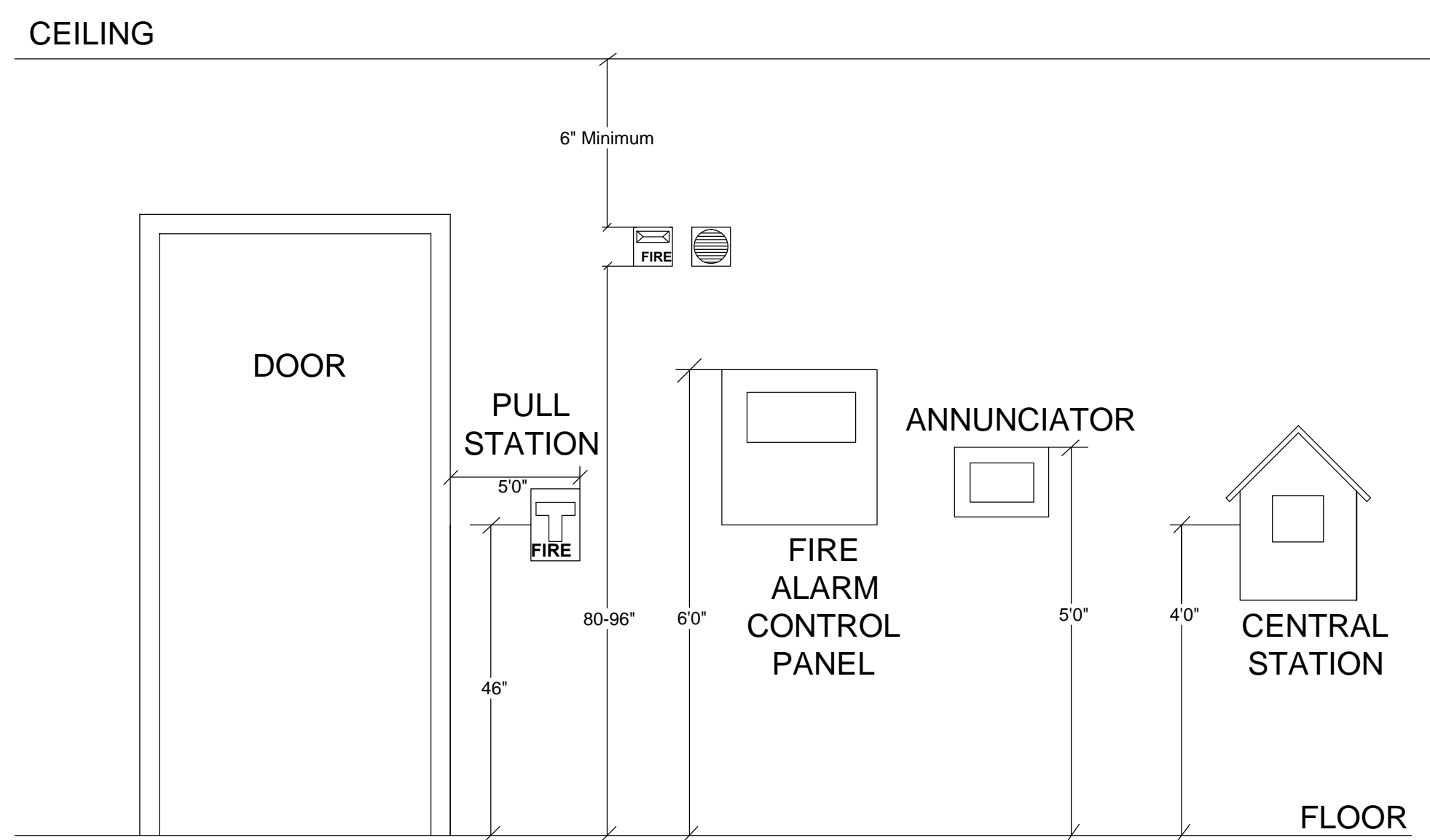
NO.	REVISION/ISSUE	DATE

PROJECT NAME
EAST END WASTEWATER TREATMENT FACILITY UPGRADE
PORTLAND, ME 04103

FILE
EEWWT.DWG

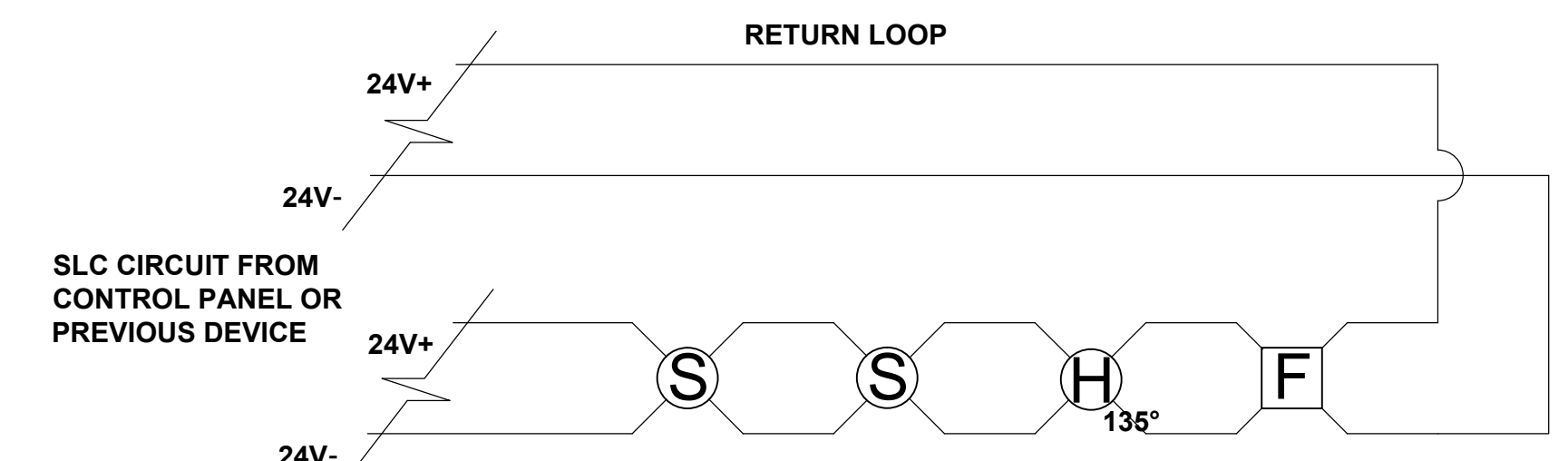
DRAWN BY
K.S.P
DATE
6/4/16
CHECKED BY
G.J.E
DATE
6/4/16
SCALE
N.T.S

SHEET
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EXAMPLE OF FIRE ALARM DEVICE MOUNTING HEIGHTS

GARY J. EMOND
NICET LEVEL IV
#74053



TYPICAL CLASS "A" SIGNAL CIRCUIT WIRING