SYSTEM SENSOR
advanced ideas. advanced solutions.

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/22/17

Job Name: A.J. Fitzgreald, Inc. Fire Al...

A.J. Fitzgerald
12 Wesfield Street
Portland, ME 04104
AHJ: City of Portland Fire Department

Prepared By:

Robin Russell 110826
Protection 1
10 Manuel Drive
Portland, ME 04103
(207) 347-5327

Circuit Information

Panel Name: Fire Lite 9050 Addressa...
Circuit Name: Circuit #1
Starting Voltage: Starting Voltage = 20.4

(1.5) amp circuit
Class B @ 14 AWG
DC 24 - volt Supply

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Strobe SR	15	0.066		30	30	20.342	20.307	20.252	20.165
Strobe SR	15	0.066		30	60	20.291	20.227	20.125	19.963
Horn/Strobe P2RK	75	0.176	Temporal, High	30	90	20.249	20.160	20.018	19.792
Horn/Strobe P2RK	75	0.176	Temporal, High	30	120	20.228	20.126	19.964	19.707
Total current/amps 0.484	Total Dist:120				voltage drop	0.172	0.274	0.436	0.693

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Circuit Information

Panel Name: Fire Lite 9050 Addressa...
Circuit Name: Circuit #2
Starting Voltage: Starting Voltage = 20.4

(1.5) amp circuit
Class B @ 14 AWG
DC 24 - volt Supply

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe PC2R	75	0.176	Temporal, High	40	40	20.269	20.193	20.070	19.875
Horn/Strobe PC2R	110	0.212	Temporal, High	50	90	20.142	19.990	19.747	19.361
Horn/Strobe PC2R	110	0.212	Temporal, High	50	140	20.056	19.855	19.532	19.019
Horn/Strobe PC2R	110	0.212	Temporal, High	50	190	20.014	19.787	19.424	18.847
Total current/amps 0.812	Total Dist:190				voltage drop	0.386	0.613	0.976	1.553