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Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 06/26/14

Job Name: ETZ Chaim Synagogue Fire ...

ETZ Chaim Synagogue
267 Congress Street
Portland, ME 04101
AHJ: Portland Fire Department

Prepared By:

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

Circuit Information

Panel Name: MS9200
Circuit Name: Basement
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 P2R	75	0.176	Temporal, High	20	20	20.343	20.310	20.257	20.172
Horn/Strobe P2R	75	0.176	Temporal, High	20	40	20.301	20.243	20.150	20.002
Horn/Strobe P2R	75	0.176	Temporal, High	20	60	20.273	20.198	20.078	19.888
Horn/Strobe P2R	75	0.176	Temporal, High	20	80	20.258	20.175	20.042	19.831
Total current/amps 0.704	Total Dist:80				voltage drop	0.142	0.225	0.358	0.569

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Circuit Information

Panel Name: MS9200
Circuit Name: 1st Floor
Starting Voltage: Starting Voltage = 20.4

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

Date: 06/26/14

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Strobe SCR	15	0.066		30	30	20.299	20.240	20.145	19.995
Strobe SCR	15	0.066		30	60	20.206	20.093	19.910	19.621
Horn/Strobe P2R	75	0.176	Temporal, High	25	85	20.136	19.980	19.732	19.337
Horn/Strobe P2R	75	0.176	Temporal, High	25	110	20.083	19.896	19.598	19.124
Horn/Strobe P2R	75	0.176	Temporal, High	25	135	20.047	19.840	19.508	18.981
Horn/Strobe P2R	75	0.176	Temporal, High	25	160	20.029	19.812	19.463	18.910
Total current/amps 0.836	Total Dist:160				voltage drop	0.371	0.588	0.937	1.490

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Circuit Information

Panel Name: MS9200
Circuit Name: 2nd Floor
Starting Voltage: Starting Voltage = 20.4

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

Date: 06/26/14

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	75	0.176	Temporal, High	40	40	20.315	20.265	20.185	20.059
Horn/Strobe P2R	75	0.176	Temporal, High	40	80	20.258	20.175	20.042	19.831
Horn/Strobe P2R	75	0.176	Temporal, High	40	120	20.230	20.131	19.971	19.717
Total current/amps 0.528	Total Dist:120				voltage drop	0.170	0.269	0.429	0.683

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Circuit Information

Panel Name: MS9200
Circuit Name: 3rd Floor
Starting Voltage: Starting Voltage = 20.4

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

Date: 06/26/14

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	75	0.176	Temporal, High	100	100	20.188	20.063	19.864	19.547
Horn/Strobe P2R	75	0.176	Temporal, High	100	200	20.046	19.839	19.506	18.978
Horn/Strobe P2R	75	0.176	Temporal, High	100	300	19.975	19.726	19.327	18.694
Total current/amps 0.528	Total Dist:300				voltage drop	0.425	0.674	1.073	1.706