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Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Job Name: Promenade East

Promennade East
340 Eastern Promenade
Portland, ME 04101
AHJ: City of Portland Fire Department

Prepared By:

Robin Russell 110826 Date: 03/29/16
Protection 1
10 Manuel Drive
Portland, ME 04103
(207) 347-5327

Circuit Information

Panel Name: MS9200 NACP #1
Circuit Name: Circuit #1 Level 5
Starting Voltage: Starting Voltage = 20.4

(2) 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	30	0.107	Temporal, High	225	225	19.819	19.478	18.932	18.066
Horn/Strobe P2R	30	0.107	Temporal, High	50	275	19.712	19.308	18.661	17.633
Horn/Strobe P2R	30	0.107	Temporal, High	50	325	19.626	19.171	18.443	17.288
Horn/Strobe P2R	30	0.107	Temporal, High	50	375	19.561	19.069	18.280	17.028
Horn/Strobe P2R	30	0.107	Temporal, High	50	425	19.518	19.001	18.171	16.855
Horn/Strobe P2R	30	0.107	Temporal, High	50	475	19.497	18.966	18.117	16.769
Total current/amps 0.642	Total Dist:475				voltage drop	0.903	1.434	2.283	3.631

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Circuit Information

Panel Name: MS9200 NACP #1
Circuit Name: Circuit #2 Level 4
Starting Voltage: Starting Voltage = 20.4

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

Date: 03/29/16

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	30	0.107	Temporal, High	200	200	19.798	19.444	18.878	17.979
Horn/Strobe P2R	30	0.107	Temporal, High	50	250	19.669	19.239	18.552	17.460
Horn/Strobe P2R	30	0.107	Temporal, High	50	300	19.561	19.069	18.280	17.028
Horn/Strobe P2R	30	0.107	Temporal, High	50	350	19.475	18.932	18.063	16.682
Horn/Strobe P2R	30	0.107	Temporal, High	50	400	19.411	18.830	17.900	16.423
Horn/Strobe P2R	30	0.107	Temporal, High	50	450	19.368	18.762	17.791	16.250
Horn/Strobe P2R	30	0.107	Temporal, High	50	500	19.346	18.727	17.737	16.164
Total current/amps 0.749	Total Dist:500				voltage drop	1.054	1.673	2.663	4.236

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Circuit Information

Panel Name: Altronix AL802 Power B...
Circuit Name: Circuit #1 Level 3
Starting Voltage: Starting Voltage = 20.4

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

Date: 03/29/16

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	30	0.107	Temporal, High	175	175	19.948	19.683	19.259	18.584
Horn/Strobe P2R	30	0.107	Temporal, High	50	225	19.841	19.513	18.987	18.152
Horn/Strobe P2R	30	0.107	Temporal, High	50	275	19.755	19.376	18.769	17.806
Horn/Strobe P2R	30	0.107	Temporal, High	50	325	19.690	19.274	18.606	17.547
Horn/Strobe P2R	30	0.107	Temporal, High	50	375	19.647	19.205	18.498	17.374
Horn/Strobe P2R	30	0.107	Temporal, High	50	425	19.626	19.171	18.443	17.288
Total current/amps 0.642	Total Dist:425				voltage drop	0.774	1.229	1.957	3.112

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Circuit Information

Panel Name: Altronix AL802 Power B...
Circuit Name: Circuit #2 Level 2
Starting Voltage: Starting Voltage = 20.4

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

Date: 03/29/16

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	30	0.107	Temporal, High	150	150	19.948	19.683	19.259	18.584
Horn/Strobe P2R	30	0.107	Temporal, High	50	200	19.819	19.478	18.932	18.066
Horn/Strobe P2R	30	0.107	Temporal, High	50	250	19.712	19.308	18.661	17.633
Horn/Strobe P2R	30	0.107	Temporal, High	50	300	19.626	19.171	18.443	17.288
Horn/Strobe P2R	30	0.107	Temporal, High	50	350	19.561	19.069	18.280	17.028
Horn/Strobe P2R	30	0.107	Temporal, High	50	400	19.518	19.001	18.171	16.855
Horn/Strobe P2R	30	0.107	Temporal, High	50	450	19.497	18.966	18.117	16.769
Total current/amps 0.749	Total Dist:450				voltage drop	0.903	1.434	2.283	3.631

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Circuit Information

Panel Name: Altronix AL802 Power B...
Circuit Name: Circuit #3 Level 1/Grnd...
Starting Voltage: Starting Voltage = 20.4

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

Date: 03/29/16

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	30	0.107	Temporal, High	75	75	20.045	19.837	19.503	18.973
Horn/Strobe P2R	30	0.107	Temporal, High	100	175	19.615	19.154	18.416	17.244
Horn/Strobe P2R	30	0.107	Temporal, High	50	225	19.421	18.847	17.927	16.466
Horn/Strobe P2R	30	0.107	Temporal, High	75	300	19.163	18.437	17.275	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	350	19.013	18.198	16.894	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	400	18.884	17.994	16.568	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	450	18.776	17.823	16.296	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	500	18.690	17.686	16.079	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	550	18.626	17.584	*	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	600	18.583	17.516	*	*
Horn/Strobe P2R	30	0.107	Temporal, High	100	700	18.540	17.447	*	*
Total current/amps 1.177	Total Dist:700				voltage drop	1.860	2.953	*	*

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Circuit Information

Panel Name: Altronix AL802 Power B...
Circuit Name: Circuit #4 Ground Level A
Starting Voltage: Starting Voltage = 20.4

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

Date: 03/29/16

Type and Model	Candela	Current (Amps)	Tone and Volume	Dist from last device	Dist from source (ft)	12	14	16	18
Horn/Strobe P2R	30	0.107	Temporal, High	125	125	19.703	19.294	18.639	17.598
Strobe SR	30	0.094		10	135	19.652	19.212	18.508	17.391
Strobe SR	15/75	0.077		25	160	19.532	19.023	18.207	16.912
Strobe SR	15/75	0.077		50	210	19.309	18.669	17.644	16.016
Horn/Strobe P2R	30	0.107	Temporal, High	30	240	19.185	18.472	17.329	*
Horn/Strobe P2R	30	0.107	Temporal, High	40	280	19.036	18.236	16.953	*
Horn/Strobe PC2R	30	0.107	Temporal, High	30	310	18.938	18.079	16.704	*
Horn/Strobe P2R	30	0.107	Temporal, High	30	340	18.852	17.943	16.487	*
Horn/Strobe P2R	30	0.107	Temporal, High	40	380	18.755	17.789	16.242	*
Horn/Strobe P2R	75	0.176	Temporal, High	40	420	18.675	17.662	16.040	*
Horn/Strobe P2R	30	0.107	Temporal, High	50	470	18.610	17.560	*	*
Horn/Strobe PC2R	30	0.107	Temporal, High	50	520	18.567	17.491	*	*
Horn/Strobe PC2R	30	0.107	Temporal, High	50	570	18.546	17.457	*	*
Total current/amps 1.387	Total Dist:570				voltage drop	1.854	2.943	*	*