SYSTEM SENSOR
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Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Job Name: Roman Catholic Diocese

Roman Catholic Diocese
510 Ocean Avenue
Portland, ME 04102
AHJ: City of Portland

Prepared By:

Robin Russell 110826 Date: 12/23/15
Protection 1
10 Manuel Drive
Portland, ME 04103
(207) 347-5327

Circuit Information

Panel Name: Fire Lite 9200
Circuit Name: NAC #1 1st Floor North
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	5	5	20.376	20.362	20.339	20.303
Horn/Strobe P2R	75	0.176	Temporal, High	50	55	20.171	20.036	19.821	19.479
Strobe SR	75	0.158		30	85	20.069	19.875	19.564	19.070
Strobe SR	75	0.158		30	115	19.986	19.744	19.355	18.737
Horn/Strobe P2R	75	0.176	Temporal, High	20	135	19.944	19.676	19.247	18.567
Horn/Strobe PC2R	75	0.176	Temporal, High	30	165	19.902	19.609	19.140	18.396
Horn/Strobe PC2R	75	0.176	Temporal, High	30	195	19.880	19.575	19.087	18.311
Total current/amps 1.196	Total Dist:195				voltage drop	0.520	0.825	1.313	2.089

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Circuit Information

Panel Name: Fire Lite 9200
Circuit Name: NAC #2 1st Floor South
Starting Voltage: Starting Voltage = 20.4

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

Date: 12/23/15

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	70	70	20.251	20.164	20.024	19.803
Horn/Strobe PC2R	75	0.176	Temporal, High	70	140	20.152	20.007	19.774	19.405
Horn/Strobe PC2R	75	0.176	Temporal, High	70	210	20.103	19.928	19.649	19.205
Total current/amps 0.528	Total Dist:210				voltage drop	0.297	0.472	0.751	1.195

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Circuit Information

Panel Name: Fire Lite 9200
Circuit Name: NAC #3 2nd Floor North
Starting Voltage: Starting Voltage = 20.4

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

Date: 12/23/15

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	70	70	20.157	20.015	19.787	19.425
Horn/Strobe P2R	75	0.176	Temporal, High	70	140	19.964	19.709	19.299	18.649
Strobe SCR	75	0.158		20	160	19.923	19.644	19.195	18.484
Horn/Strobe PC2R	75	0.176	Temporal, High	30	190	19.881	19.576	19.088	18.313
Horn/Strobe PC2R	75	0.176	Temporal, High	30	220	19.860	19.543	19.034	18.228
Total current/amps 0.862	Total Dist:220				voltage drop	0.540	0.857	1.366	2.172

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Circuit Information

Panel Name: Fire Lite 9200
Circuit Name: NAC #4 2nd Floor South
Starting Voltage: Starting Voltage = 20.4

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

Date: 12/23/15

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		60	60	20.165	20.026	19.805	19.454
Strobe SCR	75	0.158		30	90	20.055	19.852	19.528	19.013
Horn/Strobe PC2R	75	0.176	Temporal, High	50	140	19.904	19.612	19.146	18.405
Horn/Strobe PC2R	75	0.176	Temporal, High	50	190	19.788	19.429	18.853	17.939
Strobe SCR	75	0.158		20	210	19.756	19.378	18.772	17.810
Strobe SCR	15	0.066		35	245	19.722	19.324	18.686	17.673
Horn/Strobe PC2R	75	0.176	Temporal, High	50	295	19.686	19.267	18.596	17.531
Total current/amps 0.976	Total Dist:295				voltage drop	0.714	1.133	1.804	2.869