

Room Number	Room Name	Equipment Name	Equipment Numbers	Current for each device (A)	Total Equipment Current (A)	Input Voltage (V)	Total Current (A)	Type	Power (kW)	Conductor
100	Foyer	Lights	2	0.169583333	0.339166667	120	8.839166667	Electrical	1.0607	#14 AWG
		FF-1	1	7.5	7.5	120				
		Receptacles	1	1	1	120				
101	Classroom	Lights	6	0.316666667	1.9	120	6.067	Electrical	0.72804	#14 AWG
		Receptacles	4	1	4	120				
		Sprinkler	2	0.056	0.112	120				
		Smoke Detector	1	0.055	0.055	120				
102	Closet	Lights	1	0.316666667	0.316666667	120	1.316666667	Electrical	0.158	#14 AWG
		Receptacles	1	1	1	120				
103	Women's Washroom	Lights	6	0.316666667	1.9	120	2.955	Electrical	0.3546	#14 AWG
		Receptacles	1	1	1	120				
		Smoke Detector	1	0.055	0.055	120				
104	Washroom	Lights	4	0.316666667	1.266666667	120	2.377666667	Electrical	0.28532	#14 AWG
		Receptacles	1	1	1	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
		BB-8	1	25	25	120	25	Mechanical	3	#12 AWG
105	Corr	Lights	1	0.169583333	0.169583333	120	1.169583333	Electrical	0.14035	#14 AWG
		Receptacles	1	1	1	120				
106	Jan	Lights	1	0.169583333	0.169583333	120	1.169583333	Electrical	0.14035	#14 AWG
		Receptacles	1	1	1	120				
107	Water Meter	Lights	1	0.169583333	0.169583333	120	1.169583333	Electrical	0.14035	#14 AWG
		Receptacles	1	1	1	120				
		FF-4	1	7.5	7.5	120	7.5	Mechanical	0.9	#14 AWG
108	Kitchenette	Lights	11	0.316666667	3.483333333	120	9.150333333	Electrical	1.09804	#14 AWG
		Receptacles	5	1	5	120				
		Sprinkler	2	0.056	0.112	120				
		Smoke Detector	1	0.055	0.055	120				
		CCTV	1	0.5	0.5	120				
		BB-1	1	13.75	13.75	120	13.75	Mechanical	1.65	#14 AWG
		BB-2	1	25	25	208	25	Mechanical	5.2	#12 AWG
109	Commons	Lights	15	1.641666667	24.625	120	33.019	Electrical	3.96228	#10 AWG
		Receptacles	7	1	7	120				
		Sprinkler	4	0.056	0.224	120				
		Smoke Detector	2	0.055	0.11	120				
		CCTV	1	0.5	0.5	120				
		Fire Alarm Horn	2	0.28	0.56	120				
		BB-3	1	25	25	120	25	Mechanical	3	#12 AWG

		BB-4	1	12.5	12.5	208	12.5	Mechanical	2.6	#14 AWG
		BB-5	1	25	25	120	25	Mechanical	3	#12 AWG
		BB-9	1	25	25	120	25	Mechanical	3	#12 AWG
110	Cultural Activity Room	Lights	10	1.641666667	16.41666667	120	25.52766667	Electrical	3.06332	#12 AWG
		Receptacles	9	1	9	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
		BB-6	1	21.3	21.3	208	21.3	Mechanical	4.4304	#12 AWG
		BB-7	1	21.3	21.3	208	21.3	Mechanical	4.4304	#12 AWG
		CU-1	1	17.5	17.5	208	17.5	Mechanical	3.64	#14 AWG
		CU-2	1	22.5	22.5	208	22.5	Mechanical	4.68	#12 AWG
		CU-3	1	50	50	208	50	Mechanical	10.4	#6 AWG
		CU-4	1	47.5	47.5	208	47.5	Mechanical	9.88	#8 AWG
111	Storage	Lights	1	0.169583333	0.169583333	120	1.169583333	Electrical	0.14035	#14 AWG
		Receptacles	1	1	1	120				
113	Information & Gift Shop	Lights	6	0.316666667	1.9	120	6.011	Electrical	0.72132	#14 AWG
		Receptacles	4	1	4	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
114	Storage (Gift Shop)	Lights	1	0.169583333	0.169583333	120	1.169583333	Electrical	0.14035	#14 AWG
		Receptacles	1	1	1	120				
115	Yukata	Lights	1	0.169583333	0.169583333	120	1.280583333	Electrical	0.15367	#14 AWG
		Receptacles	1	1	1	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
116	ED Office	Lights	3	0.316666667	0.95	120	4.061	Electrical	0.48732	#14 AWG
		Receptacles	3	1	3	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
117	Mechanical	Lights	2	0.316666667	0.633333333	120	3.744333333	Electrical	0.44932	#14 AWG
		Receptacles	3	1	3	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
		FF-3	1	30	30	120	30	Mechanical	3.6	#10 AWG
		F-1	1	12.5	12.5	208	12.5	Mechanical	2.6	#14 AWG
		F-2	1	12.5	12.5	208	12.5	Mechanical	2.6	#14 AWG
118	Staff	Lights	2	0.169583333	0.339166667	120	1.450166667	Electrical	0.17402	#14 AWG
		Receptacles	1	1	1	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				
119	Admin Office	Light	4	0.316666667	1.266666667	120	4.377666667	Electrical	0.52532	#14 AWG
		Receptacles	3	1	3	120				
		Sprinkler	1	0.056	0.056	120				
		Smoke Detector	1	0.055	0.055	120				

[illegible]