

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	LAMP	REMARKS
B	SUSPENDED CEILING FAN COMPLETE WITH INTEGRATED LED LIGHT; 1.3 METER FAN SWEEP; UNIVERSAL MOUNT FOR FLAT OR SLOPED CEILING; FAN SUITABLE FOR; SUITABLE FOR HAND HELD REMOTE CONTROL AND WALL CONTROL; FAN MOTOR EC WITH DIGITAL INVERTER DRIVE	120V	20 WATT LED 988 LUMENS 2700K @ 82 CRI	FINISHED IN WHITE
P	100mm APERTURE RECESSED OPEN REFLECTOR DOWNLIGHT COMPLETE WITH SINGLE WALL DIE-FORMED HOUSING; GALVANIZED DIE-FORMED PLASTER FRAME; HIGH EFFICIENCY LED HOUSING; NONE INSULATED CEILING AND HAZE REFLECTOR	120V	13W LED 3500K 90 CRI	
FA2	SURFACE UNDER CABINET LED LUMINAIRE COMPLETE WITH INTEGRAL DRIVER; SLIM PROFILE EXTRUDED ALUMINUM; CLEAR PRISMATIC TEMPERED GLASS 559mm/762mm LONG X 51mm DEEP.	120V	8.1/ 10.7 WATTS LED 3000K, 56 LUMENS	LENGTH SIZED TO FIT CABINETS
LA2	RECESSED 1200mm LONG LED LUMINAIRE COMPLETE WITH EXTRUDED ALUMINUM HOUSING; WHITE POWDERED COATED STEEL REFLECTORS; FROSTED ACRYLIC LENS; SUITABLE FOR DRYWALL CEILING AND INTEGRAL LED DRIVER	120V	28.7W LED 3500K	
LD2	CHAIN 1200mm LONG SUSPENDED INDUSTRIAL LED LUMINAIRES COMPLETE WITH 20 GAUGE(0.81mm) STEEL HOUSING WITH SLOTTED REFLECTORS; HIGH GLOSS BAKED WHITE ENAMEL FINISH; INTEGRAL LED DRIVERS	120V	2 LAMP LED 75W 3500K	INSTALLED WORKSHOP AREA GARAGE
LX1	293mm H X 188mm W X 95mm D WALL PACK SURFACE MOUNTED LED LUMINAIRE COMPLETE WITH A CAST ALUMINUM HOUSING; VANDAL PROOF FROSTED POLYCARBONATE LENS; INTEGRAL LED DRIVER AND FINISHED IN BRONZE. SUITABLE FOR WEATHERPROOF APPLICATION.	120V	38W LED 4015 LUMENS, 4000K	FINAL FINISH TO BE CONFIRMED BY DEPARTMENT REPRESENTATIVE
EM1	SURFACE MOUNTED REMOTE SINGLE HEAD EMERGENCY LIGHT	12V	1 LAMP LED MR16 1X4W	FINISHED IN WHITE
EM2	SURFACE MOUNTED REMOTE DOUBLE HEAD EMERGENCY LIGHT	12V	2 LAMP LED MR16 2X4W	FINISHED IN WHITE
EM3	REMOTE RECESSED 100mm DIA CEILING MOUNTED EMERGENCY BATTERY LIGHTING	12V	4W-MR16 LED	FINISHED IN WHITE
BU-	EMERGENCY BATTERY LIGHTING UNIT 120V SUPPLY; 12VDC OUTPUT, COMPLETE WITH 30 MINUTES OPERATING TIME; 100 WATTS CAPACITY; SEALED LONG LIFE BATTERY; SOLID STATE CHARGER AND TRANSFER; LOW VOLTAGE DISCONNECT AND DOUBLE HEAD LUMINAIRE.	12V	2X4W LED MR16	FINISHED IN WHITE
FC2	300MM LONG STRIP WALL MOUNTED LED LUMINAIRE COMPLETE WITH FROSTED POLICARBONATE LENS SUITABLE FOR MOUNTING ABOVE VANITY.	120V	8X4W LED	FINISHED IN WHITE
"X" SERIES	STENCIL FACE GREEN/WHITE RUNNING MAN, THIN PROFILE EXIT SIGN, ALUMINUM HOUSING LED TYPE. THE FRAME AND FACEPLATE SHALL BE ONE-PIECE CONSTRUCTED OF EXTRUDED ALUMINUM, WITH MACHINED ALUMINUM ENDCAPS, NO VISIBLE SCREWS ON FACEPLATE. UNIVERSAL MOUNTING FOR EDGE WALL, WALL AND CEILING. UNIVERSAL MULTI-DIRECTIONAL ARROWS OPTIONS AND RUNNING MAN PICTOGRAM RUNNING MAN TYPE GRAPHIC. LAMP MODULE SHALL BE SELF-CONTAINED INCLUDING ALL ELECTRONIC POWER COMPONENTS AND LED LIGHT SOURCES. THE SIGN SHALL EVENLY ILLUMINATE THE FRONT DIFFUSER.	120V	2.5W LED	



PORT WELLER SEARCH AND RESCUE STATION

Project Number: **R.079827.001**

Location: LQ ELECT. RM

Mounting: SURFACE

Enclosure:

Circuit: 66

Supply from:

LIVING QUARTERS

Volts: 120/240V

Phases: 1

Wires: 3

SPD: Yes

IG:

PANEL SCHEDULE

PP-2C1

BREAKER	GF I	DESCRIPTION	DF	Cct	A	B	A	B	Cct	DF	DESCRIPTION	GF I	BREAKER
30 A - 2P	No	(1)SPD;	100%	1	0.00 kVA	4.16 kVA			2	60%	(1)KITCHEN RANGE	No	2P - 50 A
-- -- --	--	--	--	3	0.00 kVA				4	--	--	--	--
15 A - 1P	No	(4)BEDROOM...	75%	5	1.00 kVA	1.00 kVA			6	75%	(4)BEDROOM...	No	1P - 15 A
15 A - 1P	No	(4)BEDROOM...	75%	7	1.00 kVA	1.00 kVA			8	75%	(4)BEDROOM...	No	1P - 15 A
15 A - 1P	No	(4)BEDROOM...	75%	9	1.00 kVA	1.00 kVA			10	75%	(4)BEDROOM...	No	1P - 15 A
15 A - 1P	No	(1)CH RECEP TACLE	75%	11	0.40 kVA	1.50 kVA			12	75%	(6)BEDROOM...	No	1P - 15 A
15 A - 1P	No	(1)CH RECEP TACLE	75%	13	0.40 kVA	0.75 kVA			14	75%	(3)LAUNDRY RECP	No	1P - 15 A
15 A - 1P	No	(3)50%	75%	15	0.75 kVA	3.33 kVA			16	75%	(2)LAUNDRY...	No	2P - 20 A
15 A - 1P	No	(3)RECEPTACLES	75%	17	0.75 kVA	3.33 kVA			18	--	--	--	--
20 A - 1P	No	(1)TS	75%	19	0.50 kVA	0.90 kVA			20	75%	(3)FRIDGE	No	1P - 15 A
15 A - 2P	No	(2)KITCHEN OUTLET	75%	21	1.50 kVA	0.80 kVA			22	75%	(2)ISLAND RECP	Yes	1P - 15 A
-- -- --	--	--	--	23	1.50 kVA	0.75 kVA			24	75%	(1)ISLAND DUPLEX	No	2P - 15 A
20 A - 1P	No	(5)WINDOWS	100%	25	3.75 kVA	0.75 kVA			26	--	--	--	--
15 A - 1P	No	(5)RECEPTACLES	75%	27	1.25 kVA	0.50 kVA			28	75%	(2)RECEPTACLES	No	1P - 15 A
15 A - 1P	No	(16)SMOKE ALARM	100%	29	1.60 kVA	0.80 kVA			30	75%	(3)RECEP EO	No	1P - 15 A
15 A - 1P	No	(1)RECEPTACLE	75%	31	0.20 kVA	0.80 kVA			32	75%	(4)RECEPTACLES	No	1P - 15 A
15 A - 1P	No	(3)RECEPTACLES	75%	33	0.60 kVA	0.80 kVA			34	75%	(4)RECEPTACLE	No	1P - 15 A
15 A - 1P	No	(1)CH RECEP TACLE	75%	35	0.40 kVA	1.25 kVA			36	75%	(5)WP RECP	No	1P - 15 A
15 A - 1P	No	(3)RECEPTACLES	75%	37	0.75 kVA				38	0			
15 A - 2P	No	(1)HP-08	75%	39	0.18 kVA				40	0			
-- -- --	--	--	--	41	0.18 kVA				42	0			
-	0			43					44	0			
-	0			45					46	0			
-	0			47				0.28 kVA	48	75%	(1)HP-06	No	2P - 15 A
-	0			49		0.28 kVA			50	--	--	--	--
15 A - 2P	No	(1)HP-05	75%	51	0.33 kVA				52	0			
-- -- --	--	--	--	53	0.33 kVA				54	0			
15 A - 2P	No	(1)HP-03	75%	55	0.28 kVA	2.79 kVA			56	75%	(1)CU-03	No	2P - 30 A
-- -- --	--	--	--	57	0.28 kVA	2.79 kVA			58	--	--	--	--
-	0			59					60	0			
-	0			61					62	0			
15 A - 2P	No	(1)HP-02	75%	63	0.08 kVA	0.15 kVA			64	75%	(1)HP-01	No	2P - 15 A
-- -- --	--	--	--	65	0.08 kVA	0.15 kVA			66	--	--	--	--
					28.60 kVA			0.00 kVA					
					238 A			0 A					

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
100%	4.35 kVA	100.00%	4.35 kVA	
50%	1.00 kVA	50.00%	0.50 kVA	Total Conn. Load: 52.86 kVA
60%	8.32 kVA	60.00%	4.99 kVA	Total Est. Demand: 39.23 kVA
75%	39.19 kVA	75.00%	29.39 kVA	Total Conn.: 220 A
				Total Est. Demand: 163 A

Notes:

1. PROVIDE RED LOCK "ON" BREAKERS FOR SMOKE ALARM CIRCUITS #29 AND #42

2. THIS PANEL SHALL BE COMPLETE WITH AN INTEGRAL MAIN DISCONNECT SWITCH SIZED TO MATCH MAINS RATING.



PORT WELLER SEARCH AND RESCUE STATION

Project Number: **R.079827.001**

Location: MAIN ELECT RM.

Mounting: SURFACE

Enclosure:

Circuit: 66

Supply from:

Volts: 120/240V

Phases: 1

Wires: 3

SPD: Yes

IG:

PANEL SCHEDULE

PP-2A1

GARAGE UTILITY

BREAKER	GF I	DESCRIPTION	DF	Cct	A	B	A	B	Cct	DF	DESCRIPTION	GF I	BREAKER
30 A - 2P	No	(1)SPD;	100%	1	0.00 kVA	2.40 kVA			2	75%	(3)JHE-04; (WINTER)	No	1P - 20 A
-- -- --	--	--	--	3	0.00 kVA	1.40 kVA			4	75%	(2)50%	No	1P - 20 A
20 A - 1P	No	(1)WP RECP	50%	5	0.70 kVA	0.70 kVA			6	75%	(1)RECEP	No	1P - 20 A
15 A - 1P	No	(1)SF-01	75%	7	0.53 kVA	0.70 kVA			8	75%	(1)RECEP	No	1P - 20 A
15 A - 1P	No	(1)SF-02	75%	9	0.53 kVA	0.70 kVA			10	75%	(1)RECEP	No	1P - 20 A
20 A - 1P	No	(1)RECEP	75%	11	0.70 kVA	0.70 kVA			12	75%	(1)RECEP	No	1P - 20 A
15 A - 1P	No	(1)RECEP	75%	13	1.44 kVA	0.70 kVA			14	75%	(1)RECEP	No	1P - 20 A
20 A - 1P	No	(1)RECEP	75%	15	0.70 kVA	0.70 kVA			16	75%	(1)RECEP	No	1P - 20 A
20 A - 1P	No	(1)RECEP	75%	17	0.70 kVA	0.70 kVA			18	75%	(1)RECEP	No	1P - 20 A
20 A - 1P	No	(1)RECEP	75%	19	0.70 kVA	0.70 kVA			20	75%	(1)RECEP	No	1P - 20 A
20 A - 1P	No	(1)RECEP	75%	21	0.70 kVA	0.70 kVA			22	75%	(1)RECEP	No	1P - 20 A
20 A - 1P	No	(2)WP RECP	75%	23	1.40 kVA	0.26 kVA			24	75%	(1)GARAGE DOOR	No	2P - 15 A
15 A - 2P	No	(1)RH-09 (WINTER)	75%	25	0.25 kVA	0.26 kVA			26	--	--	--	--
-- -- --	--	--	--	27	0.25 kVA	0.70 kVA			28	75%	(1)RECEP	No	1P - 20 A
70 A - 2P	No	(1)DS-P-01-DD	75%	29	3.36 kVA	0.26 kVA			30	75%	(1)DS-P-02-DD	No	2P - 15 A
-- -- --	--	--	--	31	3.36 kVA	0.26 kVA			32	--	--	--	--
15 A - 1P	No	(4)DRAIN HEAT...	75%	33	2.11 kVA	0.63 kVA			34	100%	(19)LTG	No	1P - 20 A
15 A - 1P	No	(2)SF-02;	75%	35	1.06 kVA	3.75 kVA			36	75%	(1)HWIE-01	No	2P - 40 A
20 A - 1P	No	(1)BATTERY...	75%	37	0.70 kVA	3.75 kVA			38	--	--	--	--
15 A - 1P	No	(1)GEN BATT. CHA...	75%	39	0.12 kVA	0.25 kVA			40	75%	(1)RH-10 (WINTER)	No	2P - 15 A
15 A - 1P	No	(1)75%	75%	41	0.50 kVA	0.25 kVA			42	--	--	--	--
20 A - 2P	No	(1)P-03	75%	43	0.96 kVA	0.59 kVA			44	75%	(1)P-04	No	2P - 15 A
-- -- --	--	--	--	45	0.96 kVA	0.59 kVA			46	--	--	--	--
20 A - 2P	No	(1)P-05	75%	47	0.96 kVA				48	0			
-- -- --	--	--	--	49	0.96 kVA				50	0			
-	0			51					52	0			
-	0			53					54	0			
-	0			55					56	0			
-	0			57					58	0			
-	0			59					60	0			
-	0			61					62	0			
-	0			63					64	0			
-	0			65					66	0			
					24.55 kVA			0.00 kVA					
					205 A			0 A					

Load Classification	Connected Load	Demand Factor	Estimated...	Panel Totals
100%	0.63 kVA	100.00%	0.63 kVA	
50%	0.70 kVA	50.00%	0.35 kVA	Total Conn. Load: 45.30 kVA
75%	43.98 kVA	75.00%	32.98 kVA	Total Est. Demand: 33.96 kVA
				Total Conn.: 189 A
				Total Est. Demand: 141 A

Notes:

1. THIS PANEL SHALL BE COMPLETE WITH AN INTEGRAL MAIN DISCONNECT SWITCH SIZED TO MATCH MAINS RATING.



PORT WELLER SEARCH AND RESCUE STATION

Project Number: **R.079827.001**

Location: LQ ELECT. RM

Mounting: SURFACE

Enclosure:

Circuit: 42

Supply from:

LIVING QUARTERS

Volts: 120/240V

Phases: 1

Wires: 3

SPD: Yes

IG:

PANEL SCHEDULE

PP-2C1A

BREAKER	GF I	DESCRIPTION	DF	Cct	A	B	A	B	Cct	DF	DESCRIPTION	GF I	BREAKER
30 A - 2P	No	(1)SPD;	100%	1	0.00 kVA		1.17 kVA		2	75%	(1)DS-CU-05-DD	No	2P - 15
-- -- --	--	--	--	3		0.00 kVA		1.17 kVA	4	--	--	--	--
15 A - 1P	No	(1)DOOR...	100%	5	0.53 kVA				6	0			
-- -- --	--	--	--	7					8	0			
15 A - 1P	No	(1)EMERG BAT REC.	75%	9	0.20 kVA		0.00 kVA		10	100%	(1)HRU-01	No	1P - 15
15 A - 1P	No	(1)EF-02	75%	11		0.50 kVA		0.25 kVA	12	60%	(1)BATTERY UNIT	No	1P - 15
-- -- --	--	--	--	13					14	--	--	--	--
-- -- --	--	--	--	15				0.15 kVA	16	75%	(1)HP-07	No	2P - 15
-- -- --	--	--	--	17			0.15 kVA		18	--	--	--	--
-- -- --	--	--	--	19				1.25 kVA	20	75%	(1)HP-09	No	2P - 15
15 A - 1P	No	(2)ELEC ROOM...	75%	21	0.50 kVA		1.25 kVA		22	--	--	--	--
-- -- --	--	--	--	23			2.79 kVA		24	75%	(1)DS-CU-04	No	2P - 30
-- -- --	--	--	--	25			2.79 kVA		26	--	--	--	--
30 A - 2P	No	(1)DS-CU-01	75%	27		2.79 kVA	1.59 kVA		28	75%	(1)DS-CU-02	No	2P - 20
-- -- --	--	--	--	29	2.79 kVA		1.59 kVA		30	--	--	--	--
15 A - 2P	No	(1)DS-HP-04	75%	31		0.28 kVA	0.83 kVA		32	75%	(1)P-06	No	2P - 15
-- -- --	--	--	--	33	0.28 kVA		0.83 kVA		34	--	--	--	--
15 A - 1P	Yes	(1)50%	75%	35		0.40 kVA	0.75 kVA		36	75%	(3)50%	No	1P - 15
-- -- --	--	--	--	37			3.75 kVA		38	75%	(1)DS-HWT-01/02	No	2P - 40
20 A - 1P	No	(5)WINDOWS	100%	39		4.50 kVA		3.75 kVA	40	--	--	--	--
-- -- --	--	--	--	41					42	0			
					15.82 kVA		0.00 kVA						
					132 A		0 A						
Load Classification			Connected Load		Demand Factor		Estimated...		Panel Totals				
100%			5.03 kVA		100.00%		5.03 kVA						
60%			0.25 kVA		60.00%		0.15 kVA		Total Conn. Load:		36.80 kVA		
75%			31.53 kVA		75.00%		23.64 kVA		Total Est. Demand:		28.82 kVA		
										Total Conn.:		153 A	
										Total Est. Demand:		120 A	
Notes:													
Provide RED BLOCK ON BREAKERS FOR EMERGENCY LIGHTING BATTERY CHARGER CIRCUITS													