

PANEL	EXISTING A	FED FROM:																																						
VOLTAGE:	120/208V/3Ø/4W	400A MAINS																																						
		MOUNTING: RECESSED (FLUSH)																																						
		POWER: NORMAL																																						
DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION																																
ELECTRIC HEATING		30	1	A	2	30		ELECTRIC HEATING																																
			3	B	4																																			
			5	C	6																																			
ELECTRIC HEATING		30	7	A	8	30		ELECTRIC HEATING																																
			9	B	10																																			
ELECTRIC HEATING		30	11	C	12	30		ELECTRIC HEATING																																
			13	A	14																																			
			15	B	16																																			
ELECTRIC HEATING		30	17	C	18	30		ELECTRIC HEATING																																
			19	A	20																																			
ELECTRIC HEATING		30	21	B	22	30		ELECTRIC HEATING																																
			23	C	24																																			
ELECTRIC HEATING		30	25	A	26	30		ELECTRIC HEATING																																
			27	B	28																																			
			29	C	30																																			
		40	31	A	32	45		AC UNIT																																
			33	B	34																																			
SPARE		15	35	C	36																																			
PANEL AA		100	37	A	38	15		HRV-1																																
			39	B	40																																			
			41	C	42	15																																		
<table border="1"> <tr> <td>LIGHTING</td> <td></td> <td>ELECTRIC WATER HEATING</td> <td></td> <td>MOTORS</td> <td></td> <td>ELECTRIC RAMP HEATING</td> <td></td> </tr> <tr> <td>PARKING RECEPTACLES</td> <td></td> <td>AIR CONDITIONING</td> <td></td> <td>MISCELLANEOUS LOADS</td> <td></td> <td>LAUNDRY EQUIPMENT</td> <td></td> </tr> <tr> <td>ELECTRIC HEATING</td> <td></td> <td>ELEVATOR MOTORS</td> <td></td> <td>ELECTRIC BOILER</td> <td></td> <td>KITCHEN EQUIPMENT</td> <td></td> </tr> <tr> <td colspan="8" style="text-align: center;">TOTAL (kVA)</td> </tr> </table>									LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING		PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT		ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT		TOTAL (kVA)							
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DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION																																
PANEL F		100	1	A	2	15		UNKNOWN																																
			3	B	4																																			
			5	C	6																																			
HEATERS		30	7	A	8	15		WATER HEATER																																
			9	B	10																																			
HEATERS		30	11	C	12	20		HEATERS																																
			13	A	14																																			
			15	B	16																																			
HEATERS		30	17	C	18	20		HEATERS																																
			19	A	20																																			
HEATERS		30	21	B	22	20		HEATERS																																
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			27	B	28																																			
HEATERS		30	29	C	30	20		HEATERS																																
			31	A	32																																			
			33	B	34																																			
AC		45	35	C	36																																			
			37	A	38	100		NEW PANEL C																																
			39	B	40																																			
FA PANEL		15	41	C	42	15																																		
<table border="1"> <tr> <td>LIGHTING</td> <td></td> <td>ELECTRIC WATER HEATING</td> <td></td> <td>MOTORS</td> <td></td> <td>ELECTRIC RAMP HEATING</td> <td></td> </tr> <tr> <td>PARKING RECEPTACLES</td> <td></td> <td>AIR CONDITIONING</td> <td></td> <td>MISCELLANEOUS LOADS</td> <td></td> <td>LAUNDRY EQUIPMENT</td> <td></td> </tr> <tr> <td>ELECTRIC HEATING</td> <td></td> <td>ELEVATOR MOTORS</td> <td></td> <td>ELECTRIC BOILER</td> <td></td> <td>KITCHEN EQUIPMENT</td> <td></td> </tr> <tr> <td colspan="8" style="text-align: center;">TOTAL (kVA)</td> </tr> </table>									LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING		PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT		ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT		TOTAL (kVA)							
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PANEL	EXISTING AA	FED FROM:																																						
VOLTAGE:	120/208V/3Ø/4W	100A MAINS																																						
		MOUNTING: SURFACE																																						
		POWER: NORMAL																																						
DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION																																
REC	500	15	1	A	2	15	400	REC																																
REC	500	15	3	B	4	15	500	REC																																
			5	C	6	15																																		
			7	A	8	15																																		
			9	B	10	15																																		
FIREPLACE		15	11	C	12	15	400	REC																																
			13	A	14	15	400	REC																																
REC	500	20	15	B	16	15	400	REC																																
REC	700	20	17	C	18	15		REC																																
REC	200	15	19	A	20	600		REC - COPIER																																
REC		15	21	B	22	600		REC - COPIER																																
			23	C	24	15	400	REC																																
			25	A	26	15	400	REC - RECEPTION																																
			27	B	28	15	400	REC - RECEPTION																																
			29	C	30	15	1080	LTG - BASEMENT																																
LTG - MAIN FLOOR	1080	15	31	A	32	15	1200	LTG - BASEMENT																																
LTG - MAIN FLOOR	1080	15	33	B	34	15		LTG - BASEMENT																																
LTG - NIGHT	600	15	35	C	36	15		LTG - BASEMENT																																
LTG - MAIN FLOOR	1200	15	37	A	38	15																																		
			39	B	40	15																																		
			41	C	42	15		EXIT SIGN																																
<table border="1"> <tr> <td>LIGHTING</td> <td>6.24</td> <td>ELECTRIC WATER HEATING</td> <td></td> <td>MOTORS</td> <td></td> <td>ELECTRIC RAMP HEATING</td> <td></td> </tr> <tr> <td>PARKING RECEPTACLES</td> <td></td> <td>AIR CONDITIONING</td> <td></td> <td>MISCELLANEOUS LOADS</td> <td>6.90</td> <td>LAUNDRY EQUIPMENT</td> <td></td> </tr> <tr> <td>ELECTRIC HEATING</td> <td></td> <td>ELEVATOR MOTORS</td> <td></td> <td>ELECTRIC BOILER</td> <td></td> <td>KITCHEN EQUIPMENT</td> <td></td> </tr> <tr> <td colspan="8" style="text-align: center;">TOTAL (kVA)</td> </tr> </table>									LIGHTING	6.24	ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING		PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS	6.90	LAUNDRY EQUIPMENT		ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT		TOTAL (kVA)							
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ELECTRIC HEATING		ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT																																		
TOTAL (kVA)																																								

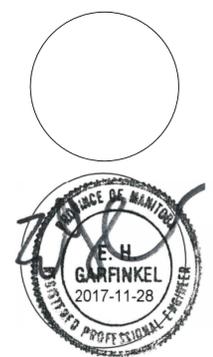
PANEL	PANEL C	FED FROM:																																						
VOLTAGE:	120/208V/3Ø/4W	100A MAINS																																						
		MOUNTING: SURFACE																																						
		POWER: NORMAL																																						
DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION																																
REC - FRIDGE		15	1	A	2	15	375	RADIANT HEAT PANEL																																
REC - MICROWAVE		15	3	B	4		375																																	
REC - COUNTER		20	5	C	6	15		REC - TTB																																
REC - COUNTER		20	7	A	8	15		DOOR ASSIST																																
REC		20	9	B	10	15		DOOR ASSIST																																
REC - DATA RACK		20	11	C	12	15		REC - ELEVATOR PIT																																
REC - DATA RACK		15	13	A	14	15		REC																																
REC		15	15	B	16	15		REC																																
REC - PUMP		15	17	C	18	20		FIREPLACE																																
REC		15	19	A	20																																			
REC - WASHROOM		15	21	B	22	15		REC																																
REC	400	15	23	C	24	15		DOOR ASSIST																																
REC		15	25	A	26	15		DIGITAL SIGN																																
REC		15	27	B	28	15		DOOR ASSIST																																
REC		15	29	C	30	15		DOOR ASSIST																																
REC - PUMP		15	31	A	32	15		FIRE SHUTTER																																
MOTORIZED DAMPER		15	33	B	34	15																																		
DOOR ASSIST		15	35	C	36	15																																		
REC		15	37	A	38	15																																		
REC		15	39	B	40	15																																		
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LUMINAIRE SCHEDULE							
TYPE	MANUFACTURER	CATALOGUE NO.	VOLTS	LAMP	TOTAL WATTS FOR LUM	TYPE OF DRIVER	REMARKS
1	LITHONIA OR EQUAL	2BLT 40L ADSM 120V E21 LP 841	120	LED	30	0-10	2X2 RECESSED DIRECT INDIRECT LED
2	FLUXWERX	PF1 PA 38 3500 W 08 D E1 M 06	120	LED	76	0-10	SUSPENDED LINEAR 8 FOOT LENGTH
2A	FLUXWERX	PF1 PA 38 3500 W 16 D E1 M 06	120	LED	152	0-10	SUSPENDED LINEAR 16 FOOT LENGTH
2B	FLUXWERX	PF1 PA 38 3500 W 4 D E1 M 06	120	LED	46	0-10	SUSPENDED LINEAR 4 FOOT LENGTH
3	LITHONIA OR EQUAL	ZL1N L48 7000LM FST 120 35K 90CRI WH	120	LED	87		4 FOOT STRIP SURFACE OR SUSPENDED
4	LITHONIA OR EQUAL	FMVTSL 48" MVOLT 30K 90 CRI	120	LED	33	0-10	WALL MOUNTED OVER MIRROR
4A	LITHONIA OR EQUAL	FMVTSL 36" MVOLT 30K 90 CRI	120	LED	33	0-10	WALL MOUNTED OVER MIRROR
5	PHILIPS OR EQUAL	SSR 80 35K 7	120	LED	10	0-10	LED 5" SURFACE MOUNTED POT.
6	EUREKA OR EQUAL	4800 36 LED 128.30 120 DV RDP AC 60 RCA SHR WHM 398IC	120	LED	36	0-10	SUSPENDED
6A	EUREKA OR EQUAL	4800 54 LED 128.30 120 DV RDP AC 60 RCA SHR WHM 398IC	120	LED	58	0-10	SUSPENDED
8	LITHONIA OR EQUAL	WST P2 40K VW 120 PEDBLXD	120	LED	30		WALL PACK
9	EDGE LIGHT	LCSM-24 48"D NW SA	120	LED		0-1	MOUNTED BETWEEN WOOD SLATE CEILING
10	LITHONIA	WL4 40L E21 LP835	120	LED		0-1	WALL MOUNTED CUBE LIGHT

HEATER SCHEDULE					
TYPE	MANUFACTURER	CATALOGUE NO.	VOLTS	WATTS	REMARKS
0.75	OUELLET	OCEM075	208/1	750	CW LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
1.5	OUELLET	OCEM2000	208/1	1500	CW LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
2	OUELLET	OCEM2500	208/1	2000	CW LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
3	OUELLET	OCEM3000	208/1	3000	CW LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
4	OUELLET	QAWH048	208/1	4000	CW LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM



10557  
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 Email: mcw\_age@mcw.com



This drawing must not be scaled. The contractor shall verify all dimensions and other data on site prior to commencement of work. Discrepancies, errors, and omissions are to be reported to Public City Architecture Inc. prior to proceeding with the Work.  
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Project  
**Cornish Library Renovation**

Drawing  
**PANELBOARD SCHEDULES**

Drawn By MFP	Reviewed By DG
Scale As noted	Drawing No. <b>E5.0</b>
Date 2017.11.28	Project No. 1503a