PANEL EXISTING A

VOLTAGE:	120/208V/3Ø/4W	400A MAINS	
FED FROM:		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			
ELECTRIC HEATING		30	5	C	6	30		ELECTRIC HEATING
			7	A	8			
ELECTRIC HEATING		30	9	B	10	30		ELECTRIC HEATING
			11	C	12			
ELECTRIC HEATING		30	13	A	14	30		ELECTRIC HEATING
			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			
		40	29	C	30	45		AC UNIT
			31	A	32			
			33	B	34			
SPARE		15	35	C	36			
PANEL AA		100	37	A	38	15		HRV-1
			39	B	40			
			41	C	42	15		

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)	

PANEL EXISTING B

VOLTAGE:	120/208V/3Ø/4W	225A MAINS	
FED FROM:		MOUNTING:	RECESSED (FLUSH)
POWER:	NORMAL		

DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
PANEL F		100	1	A	2	15		UNKNOWN
			3	B	4			
HEATERS		30	5	C	6	15		WATER HEATER
			7	A	8			
HEATERS		30	9	B	10	20		HEATERS
			11	C	12			
HEATERS		30	13	A	14	20		HEATERS
			15	B	16			
HEATERS		30	17	C	18	30		HEATERS
			19	A	20			
HEATERS		30	21	B	22	20		HEATERS
			23	C	24			
HEATERS		30	25	A	26	20		HEATERS
			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
		15	39	B	40			
FA PANEL		15	41	C	42	15		

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)	

PANEL D

VOLTAGE:	120/208V/3Ø/4W	225A MAINS	
FED FROM:		MOUNTING:	SURFACE
POWER:	NORMAL		

DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
EHC 0-1	1000	20	1	A	2	20	1000	EHC 1-2
	1000		3	B	4		1000	
	1000		5	C	6		1000	
EHC 0-2	667	15	7	A	8	20	1667	EHC 1-3
	667		9	B	10		1667	
	667		11	C	12		1667	
EHC 0-3	1000	20	13	A	14	40	3000	EHC 1-4
	1000		15	B	16		3000	
	1000		17	C	18		3000	
EHC 0-4	1000	20	19	A	20	40	3000	EHC 1-5
	1000		21	B	22		3000	
	1000		23	C	24		3000	
EHC 1-1	1667	20	25	A	26	15		
	1667		27	B	28	15		
	1667		29	C	30	15		
		15	31	A	32	15		
		15	33	B	34	15		
		15	35	C	36	15		
		15	37	A	38	15		
		15	39	B	40	15		
		15	41	C	42	15		

LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING	
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS		LAUNDRY EQUIPMENT	
ELECTRIC HEATING	42.00	ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT	
						TOTAL (kVA)	42.00

PANEL EXISTING AA

VOLTAGE:	120/208V/3Ø/4W	100A MAINS	
FED FROM:		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
		15	5	C	6	15		
		15	7	A	8	15		
		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	20	600	REC - COPIER
REC		15	21	B	22	20	600	REC - COPIER
		15	23	C	24	15	400	REC
		15	25	A	26	15	400	REC - RECEPTION
		15	27	B	28	15	400	REC - RECEPTION
		15	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		
		15	39	B	40	15		
		15	41	C	42	15		EXIT SIGN

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)	13.14

PANEL C

VOLTAGE:	120/208V/3Ø/4W	100A MAINS	
FED FROM:		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		
		15	41	C	42	15		

LIGHTING		ELECTRIC WATER HEATING		MOTORS		ELECTRIC RAMP HEATING	
PARKING RECEPTACLES		AIR CONDITIONING		MISCELLANEOUS LOADS	0.40	LAUNDRY EQUIPMENT	
ELECTRIC HEATING	0.75	ELEVATOR MOTORS		ELECTRIC BOILER		KITCHEN EQUIPMENT	
						TOTAL (kVA)	1.15

PANEL F

VOLTAGE:	120/208V/3Ø/4W	100A MAINS	
FED FROM:		MOUNTING:	SURFACE
POWER:	NORMAL		

DESCRIPTION	LOAD	BRKR	CCT	PHASE	CCT	BRKR	LOAD	DESCRIPTION
FC 0-1		15	1	A	2	15		FC 1-1
			3	B	4			
FC 0-2		15	5	C	6	15		FC 1-2
			7	A	8			
FC 0-3		15	9	B	10	15		FC 1-3
			11	C	12			
FC 0-4		15	13	A	14	15		FC 1-4
			15	B	16			
		15	17	C	18	15		FC 1-5
		15	19	A	20			
		15	21	B	22	15		
		15	23	C	24	15		
		15	25	A	26	15		
		15	27	B	28	15		
		15	29	C	30	15		

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)	

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 BA 38 3500 W 08 D E1 M 06	120	LED	76	0-10	SUSPENDED LINEAR 8 FOOT LENGTH
2A	FLUXWERX	PF1 BA 38 3500 W 16 D E1 M 06	120	LED	152	0-10	SUSPENDED LINEAR 16 FOOT LENGTH
2B	FLUXWERX	PF1 BA 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	S5R 80 35K 7	120	LED	10	0-10	LED 5" SURFACE MOUNTED POT.
6	EUREKA OR EQUAL	4800 36 LED.80.30 120 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 EZ1 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	C/W LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
1.5	OUELLET	OCEM2000	208/1	1500	C/W LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
2	OUELLET	OCEM2500	208/1	2000	C/W LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
3	OUELLET	OCEM3000	208/1	3000	C/W LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM
4	OUELLET	OAWH048	208/1	4000	C/W LOW VOLTAGE RELAY TIE INTO MECHANICAL CONTROL SYSTEM

PUBLICCITY

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Rev. No.	Date	Revision Notes
1.	2017.11.28	Issued for Construction
2.	2018.01.30	Issued for Addendum 3

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Project

Cornish Library Renovation

Drawing

PANELBOARD SCHEDULES

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