Branch Panel: RP-1AN1

Location: ELECTRICAL ROOM 1-02 **Supply From:** TX-R1AN **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 400 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1AN1-1	TV RECEPTACLE KITCHENETTE/LOUNGE 1-06	15 A	1	200			200			1	20 A	HK RECEPT. Room 1-62, 1-04A	RP-1AN1-2
RP-1AN1-3	FLOOR BOX MEDIUM MEETING ROOM 1-46	15 A	1		250			500		1	20 A	GFCI O/C RECEPT. FIRST AID ROOM 1-04A	RP-1AN1-4
RP-1AN1-5	MEDIUM MEETING ROOM 1-46	15 A	1			1200			500	1	20 A	GFCI O/C RECEPT. FIRST AID ROOM 1-04A	RP-1AN1-6
RP-1AN1-7	O/C RECEPT. BUSINESS CENTRE 1-42	15 A	1	200			200			1	20 A	GFCI RECEPT. Room 1-06, 1-04A	RP-1AN1-8
RP-1AN1-9	RECEPTACLE BUSINESS CENTRE 1-42	15 A	1		400			700		1	20 A	FRIDGE KITCHENETTE/LOUNGE 1-06	RP-1AN1-10
RP-1AN1-11	PRINTER BUSINESS CENTRE 1-42	20 A	1			700			700	1	20 A	FRIDGE KITCHENETTE/LOUNGE 1-06	RP-1AN1-12
RP-1AN1-13	FG#15 LEGAL ADVISORY OPEN WORKSPAC...	15 A	1	800			500			1	20 A	GFCI O/C RECEPT. KITCHENETTE/LOUNGE...	RP-1AN1-14
RP-1AN1-15	WORKSTATION FG#15 LEGAL ADVISORY...	15 A	1		800			500		1	20 A	GFCI O/C RECEPT. KITCHENETTE/LOUNGE...	RP-1AN1-16
RP-1AN1-17	WORKSTATION FG#15 LEGAL ADVISORY...	15 A	1			800			1000	1	20 A	MICROWAVE KITCHENETTE/LOUNGE 1-06	RP-1AN1-18
RP-1AN1-19	WORKSTATION FG#15 LEGAL ADVISORY...	15 A	1	800			1000			1	20 A	MICROWAVE KITCHENETTE/LOUNGE 1-06	RP-1AN1-20
RP-1AN1-21	WORKSTATION FG#15 LEGAL ADVISORY...	15 A	1		800			400		1	20 A	Room 1-26, 1-59, 1-58, 1-57	RP-1AN1-22
RP-1AN1-23	FG#15 LEGAL ADVISORY OPEN WORKSPAC...	15 A	1			800			600	1	15 A	GNRL. RECEPT. Room 1-62, 1-61	RP-1AN1-24
RP-1AN1-25	Room 1-52, 1-52A	15 A	1	1200			400			1	15 A	GNRL. RECEPT. SECURITY 1-60	RP-1AN1-26
RP-1AN1-27	Room 1-52B, 1-52C, 1-52D	15 A	1		1800			400		1	15 A	RECEPTACLE SECURITY 1-60	RP-1AN1-28
RP-1AN1-29	GNRL. RECEPT. LEGAL ADVISORY HD FILIN...	15 A	1			200							RP-1AN1-30
RP-1AN1-31	Room 1-50, 1-48, 1-50B, 1-50A	15 A	1	2400			600			1	15 A	GNRL. RECEPT. CAGED SECURE PALLET...	RP-1AN1-32
RP-1AN1-33	PRINTER GCSI ROOM 1-49	20 A	1		700			400		1	15 A	GNRL. RECEPT. CAGED SECURE PALLET...	RP-1AN1-34
RP-1AN1-35	GNRL. RECEPT. GCSI ROOM 1-49	15 A	1			400			1920	1	40 A	D/O LOADING DOCK 1-62	RP-1AN1-36
RP-1AN1-37	RECEPTACLE GCSI ROOM 1-49	15 A	1	400			1920			1	40 A	D/O LOADING DOCK 1-62	RP-1AN1-38
RP-1AN1-39	Room 1-97, 1-54	15 A	1		400			600		1	15 A	FLOOR BOX	RP-1AN1-40
RP-1AN1-41	WORKSTATION FG#15 LEGAL ADVISORY...	15 A	1			400			500	1	15 A	FLOOR BOX ATRIUM	RP-1AN1-42
RP-1AN1-43	FLOOR BOX FG#15 LEGAL ADVISORY OPEN...	15 A	1	250			200			1	20 A	WATER FILLER GFCI RECEPT. CORRIDOR 1-26	RP-1AN1-44
RP-1AN1-45	Room 1-10, 1-12-1	20 A	1		800			0		1	20 A	OVERHEAD DOOR - RAMP	RP-1AN1-46
RP-1AN1-47	APF Room 1-12-1, 1-10	15 A	1			400			400	1	20 A	D/O RAMP	RP-1AN1-48
RP-1AN1-49	HK RECEPT. LOCKERS 2-05	20 A	1	400			0			1	20 A	SPARE	RP-1AN1-50
RP-1AN1-51	HK RECEPT. Room 1-02, 1-26	20 A	1		200			0		1	20 A	SPARE	RP-1AN1-52
RP-1AN1-53	GNRL. RECEPT. SECURITY SERVER RM 1-04	15 A	1			400			0	1	20 A	SPARE	RP-1AN1-54
RP-1AN1-55	HK RECEPT. Room 1-26, 1-08	20 A	1	200			0			1	20 A	SPARE	RP-1AN1-56
RP-1AN1-57	GNRL. RECEPT. BGIS OFFICE 1-57	15 A	1		400			0		1	20 A	SPARE	RP-1AN1-58
RP-1AN1-59	GNRL. RECEPT. BGIS OFFICE 1-57	15 A	1			200			0	1	20 A	SPARE	RP-1AN1-60
RP-1AN1-61	WORKSTATION Room 1-63, 1-58	15 A	1	100			0			1	20 A	SPARE	RP-1AN1-62
RP-1AN1-63	WORKSTATION Room 1-63, 1-57	15 A	1		100			0		1	15 A	SPARE	RP-1AN1-64
RP-1AN1-65	WORKSTATION Room 1-63, 1-57	15 A	1			100			0	1	15 A	SPARE	RP-1AN1-66
RP-1AN1-67	WORKSTATION Room 1-63, 1-57	15 A	1	100			0			1	15 A	SPARE	RP-1AN1-68
RP-1AN1-69	D/O LOADING DOCK 1-62	15 A	1		400			0		1	15 A	SPARE	RP-1AN1-70
RP-1AN1-71	ADULT CHANGE TABLE	20 A	1			200			0	1	15 A	SPARE	RP-1AN1-72
RP-1AN1-73	SPARE	20 A	1	0			0			1	15 A	SPARE	RP-1AN1-74
RP-1AN1-75	SPARE	20 A	1		0			0		1	15 A	SPARE	RP-1AN1-76
RP-1AN1-77	SPARE	20 A	1			0			0	1	15 A	SPARE	RP-1AN1-78
RP-1AN1-79				5900			0			1	15 A	SPARE	RP-1AN1-80
RP-1AN1-81	RP-1AN3	70 A	3		4520			0		1	15 A	SPARE	RP-1AN1-82
RP-1AN1-83						4584			0	1	15 A	SPARE	RP-1AN1-84
		Total Load:		17970 VA		15070 VA		16004 VA					
		Total Amps:		151 A		126 A		135 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:
PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals	
Total Conn. Load:	49044 VA
Total Conn. Current:	136 A

Branch Panel: RP-1BN

Location: ELEC. CLOSET 1-13 **Supply From:** TX-R1BN **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 225 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1BN-1	GNRL. RECEPT. SHOOTING STUDIO 1-18A	15 A	1	200			250			1	15 A	FLOOR BOX OPEN WORKSPACE 1-23E	RP-1BN-2
RP-1BN-3	GNRL. RECEPT. SHOOTING STUDIO 1-18A	15 A	1		200			800		1	15 A	WORKSTATION OPEN WORKSPACE 1-23E	RP-1BN-4
RP-1BN-5	GNRL. RECEPT. SHOOTING STUDIO 1-18A	15 A	1			400			800	1	15 A	WORKSTATION OPEN WORKSPACE 1-23E	RP-1BN-6
RP-1BN-7	GNRL. RECEPT. SHOOTING STUDIO 1-18A	15 A	1	200			800			1	15 A	WORKSTATION OPEN WORKSPACE 1-23E	RP-1BN-8
RP-1BN-9	GNRL. RECEPT. VIDEO PRODUCTION-1 1-18-1	15 A	1		600			800		1	15 A	WORKSTATION OPEN WORKSPACE 1-23E	RP-1BN-10
RP-1BN-11	RECEPTACLE VIDEO PRODUCTION-1 1-18-1	15 A	1			800			250	1	15 A	FLOOR BOX OPEN WORKSPACE 1-23F	RP-1BN-12
RP-1BN-13	RECEPTACLE VIDEO PRODUCTION-1 1-18-1	15 A	1	800			400			1	20 A	HK RECEPT. Room 1-54, 1-35	RP-1BN-14
RP-1BN-15	RECEPTACLE VIDEO PRODUCTION-1 1-18-1	15 A	1		800			600		1	15 A	SECURITY GATE CORRIDOR 1-26	RP-1BN-16
RP-1BN-17	RECEPTACLE VIDEO PRODUCTION-1 1-18-1	15 A	1			800			400	1	20 A	D/O	RP-1BN-18
RP-1BN-19	RECEPTACLE VIDEO PRODUCTION-1 1-18-1	15 A	1	800			250			1	15 A	FLOOR BOX LARGE MEETING ROOM-1 1-29-1	RP-1BN-20
RP-1BN-21	RECEPTACLE Room 1-21, 1-19	15 A	1		1200			600		1	15 A	LARGE MEETING ROOM-1 1-29-1	RP-1BN-22
RP-1BN-23	GFCI O/C RECEPT. KITCHENETTE/LOUNGE...	20 A	1			1000			800	1	20 A	D/O VESTIBULE 1-33	RP-1BN-24
RP-1BN-25	GFCI RECEPT. KITCHENETTE/LOUNGE 1-20	20 A	1	200			200			1	20 A	HK RECEPT. CORRIDOR 1-26	RP-1BN-26
RP-1BN-27	GFCI O/C RECEPT. KITCHENETTE/LOUNGE...	20 A	1		1000			400		1	15 A	RECEPTACLE GUARD POST 1-26A	RP-1BN-28
RP-1BN-29	FRIDGE KITCHENETTE/LOUNGE 1-20	20 A	1			700			400	1	15 A	RECEPTACLE GUARD POST 1-26A	RP-1BN-30
RP-1BN-31	FRIDGE KITCHENETTE/LOUNGE 1-20	20 A	1	700			600			1	15 A	SPEED GATE CORRIDOR 1-26	RP-1BN-32
RP-1BN-33	MICROWAVE KITCHENETTE/LOUNGE 1-20	20 A	1		1000			600		1	15 A	DOOR VESTIBULE 1-33	RP-1BN-34
RP-1BN-35	MICROWAVE KITCHENETTE/LOUNGE 1-20	20 A	1			1000			200	1	20 A	RECEPTACLE ATRIUM AV	RP-1BN-36
RP-1BN-37	MICROWAVE KITCHENETTE/LOUNGE 1-20	20 A	1	1000			600			1	20 A	AV RACK FIRE PANEL ROOM 1-07	RP-1BN-38
RP-1BN-39	MICROWAVE KITCHENETTE/LOUNGE 1-20	20 A	1		1000			600		1	15 A	AV RACK FIRE PANEL ROOM 1-07	RP-1BN-40
RP-1BN-41	HK RECEPT. Room 1-23, 1-26	20 A	1			300			500	1	15 A	GFCI O/C RECEPT. KITCHENETTE/ LOUNGE...	RP-1BN-42
RP-1BN-43	RECEPTACLE ATRIUM NORTH WEST	15 A	1	400			750			1	15 A	FLOOR BOX OPEN WORKSPACE 1-23E	RP-1BN-44
RP-1BN-45	HK RECEPT. Room 1-23E, 1-23, 1-23F	20 A	1		300			0		1	15 A	SPARE	RP-1BN-46
RP-1BN-47	WORK ROOM 1-101	15 A	1			1250			0	1	15 A	SPARE	RP-1BN-48
RP-1BN-49	TEAMING AREA 1-100	15 A	1	1000			0			1	15 A	SPARE	RP-1BN-50
RP-1BN-51	O/C RECEPT. BUSINESS CENTRE 1-19A	15 A	1		200			0		1	15 A	SPARE	RP-1BN-52
RP-1BN-53	RECEPTACLE BUSINESS CENTRE 1-19A	15 A	1			400			0	1	15 A	SPARE	RP-1BN-54
RP-1BN-55	PRINTER BUSINESS CENTRE 1-19A	20 A	1	700			0			1	15 A	SPARE	RP-1BN-56
RP-1BN-57	TV RECEPTACLE OPEN WORKSPACE 1-23F	15 A	1		600			0		1	15 A	SPARE	RP-1BN-58
RP-1BN-59	O/C RECEPT. OPEN WORKSPACE 1-23F	15 A	1			600			0	1	15 A	SPARE	RP-1BN-60
RP-1BN-61	Room 1-23D, 1-23C, 1-23B, 1-23A	15 A	1	2000			0			1	15 A	SPARE	RP-1BN-62
RP-1BN-63	APF WOMEN'S WASHROOM 1-14	15 A	1		200			0		1	15 A	SPARE	RP-1BN-64
RP-1BN-65	WOMEN'S WASHROOM 1-14	20 A	1			600			0	1	20 A	SPARE	RP-1BN-66
RP-1BN-67	HK RECEPT. FIRE PANEL ROOM 1-07	20 A	1	500			0			1	20 A	SPARE	RP-1BN-68
RP-1BN-69	FLOOR BOX ATRIUM NORTH WEST	15 A	1		750			0		1	20 A	SPARE	RP-1BN-70
RP-1BN-71	ATRIUM NORTH WEST	15 A	1			0			0	1	20 A	SPARE	RP-1BN-72
RP-1BN-73	D/O VESTIBULE 1-33	20 A	1	800			0			1	20 A	SPARE	RP-1BN-74
RP-1BN-75	MOTORIZED BLIND WORK ROOM 1-40	15 A	1		0			0		1	20 A	SPARE	RP-1BN-76
RP-1BN-77	GFCI O/C RECEPT. KITCHENETTE/ LOUNGE...	15 A	1			500			0	1	20 A	SPARE	RP-1BN-78
RP-1BN-79	WORK ROOM 1-40	15 A	1	800			0			1	20 A	SPARE	RP-1BN-80
RP-1BN-81	Room 1-39, 1-38, 1-36	15 A	1		1400			0		1	20 A	SPARE	RP-1BN-82
RP-1BN-83	RECEPTACLE OPEN WORKSPACE 1-35	15 A	1			400			0	1	20 A	SPARE	RP-1BN-84
		Total Load:		13950 VA		13650 VA		12100 VA					
		Total Amps:		118 A		116 A		101 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:
PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals	
Total Conn. Load:	39700 VA
Total Conn. Current:	110 A

Branch Panel: RP-1CN1

Location: ELECTRICAL ROOM 1-79 **Supply From:** TX-R1CN **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 400 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1CN1-1				6272			1000			1	20 A	MICROWAVE KITCHENETTE/LOUNGE 1-88	RP-1CN1-2
RP-1CN1-3	RP-1CN3	70 A	3		3928			1000		1	20 A	MICROWAVE KITCHENETTE/LOUNGE 1-88	RP-1CN1-4
RP-1CN1-5						2660			1000	1	20 A	MICROWAVE KITCHENETTE/LOUNGE 1-88	RP-1CN1-6
RP-1CN1-7	RECEPTACLE ITIM & ADMIN - IT OPERATION...	15 A	1	800			1000			1	20 A	MICROWAVE KITCHENETTE/LOUNGE 1-88	RP-1CN1-8
RP-1CN1-9	RECEPTACLE ITIM & ADMIN - IT OPERATION...	15 A	1		400			1200		1	20 A	KITCHENETTE/LOUNGE 1-88	RP-1CN1-10
RP-1CN1-11	RECEPTACLE ITIM & ADMIN - IT OPERATION...	15 A	1			1200			1000	1	20 A	GFCI O/C RECEPT. KITCHENETTE/LOUNGE...	RP-1CN1-12
RP-1CN1-13	HK RECEPT. Room 1-74, 1-66, 1-67	20 A	1	600			700			1	20 A	FRIDGE KITCHENETTE/LOUNGE 1-88	RP-1CN1-14
RP-1CN1-15	Room 1-71, 1-72	15 A	1		1000			700		1	20 A	FRIDGE KITCHENETTE/LOUNGE 1-88	RP-1CN1-16
RP-1CN1-17	PRINTER BUSINESS CENTRE 1-68	20 A	1			700			600	1	15 A	Room 1-99, 1-88	RP-1CN1-18
RP-1CN1-19	RECEPTACLE BUSINESS CENTRE 1-68	15 A	1	400			500			1	15 A	OPEN COLLABORATIVE SPACE 1-99	RP-1CN1-20
RP-1CN1-21	O/C RECEPT. BUSINESS CENTRE 1-68	15 A	1		200			200		1	15 A	TV RECEPTACLE KITCHENETTE/LOUNGE 1-88	RP-1CN1-22
RP-1CN1-23	GNRL. RECEPT.	15 A	1			400			0	1	20 A	SPARE	RP-1CN1-24
RP-1CN1-25	FLOOR BOX	15 A	1	500			1000			1	15 A	WORK ROOM 1-89	RP-1CN1-26
RP-1CN1-27	RECEPTACLE	15 A	1		600			1000		1	15 A	WORK ROOM 1-90	RP-1CN1-28
RP-1CN1-29	FLOOR BOX	15 A	1			250			1600	1	15 A	RECEPTACLE Room 1-92, 1-91A, 1-91	RP-1CN1-30
RP-1CN1-31	PRINTER BUSINESS CENTRE 1-68	20 A	1	700			600			1	15 A	GNRL. RECEPT. LEARNING CENTRE 1-93	RP-1CN1-32
RP-1CN1-33	RECEPTACLE	15 A	1		600			800		1	15 A	LEARNING CENTRE 1-93	RP-1CN1-34
RP-1CN1-35	GNRL. RECEPT. Room 1-65	15 A	1			400			500	1	15 A	FLOOR BOX LEARNING CENTRE 1-93	RP-1CN1-36
RP-1CN1-37	SPARE	20 A	1	0			250			1	15 A	FLOOR BOX LEARNING CENTRE 1-93	RP-1CN1-38
RP-1CN1-39	SPARE	20 A	1		0			800		1	15 A	GNRL. RECEPT. TRAINING ROOM 1-94	RP-1CN1-40
RP-1CN1-41	FLOOR BOX MUSEUM 1-77	15 A	1			1500			800	1	15 A	TRAINING ROOM 1-94	RP-1CN1-42
RP-1CN1-43	FLOOR BOX MUSEUM 1-77	15 A	1	500			500			1	15 A	FLOOR BOX TRAINING ROOM 1-94	RP-1CN1-44
RP-1CN1-45	GNRL. RECEPT. MUSEUM 1-77	15 A	1		200			500		1	15 A	FLOOR BOX TRAINING ROOM 1-94	RP-1CN1-46
RP-1CN1-47	GNRL. RECEPT. MUSEUM 1-77	15 A	1			250			500	1	15 A	FLOOR BOX TRAINING ROOM 1-94	RP-1CN1-48
RP-1CN1-49	GNRL. RECEPT. Room 1-77, 1-69	15 A	1	350			1200			1	15 A	Power CORRIDOR 1-81	RP-1CN1-50
RP-1CN1-51	GNRL. RECEPT. MUSEUM 1-77	15 A	1		150			500		1	15 A	WORKSTATION	RP-1CN1-52
RP-1CN1-53	GNRL. RECEPT. MUSEUM 1-77	15 A	1			250			500	1	15 A	WORKSTATION	RP-1CN1-54
RP-1CN1-55	D/0 VESTIBULE 1-82	15 A	1	600			500			1	15 A	WORKSTATION	RP-1CN1-56
RP-1CN1-57	D/O VESTIBULE 1-82	20 A	1		800			500		1	15 A	WORKSTATION	RP-1CN1-58
RP-1CN1-59	HK RECEPT. Room 1-79, 1-81, 1-78	20 A	1			600			700	1	20 A	PRINTER STORE/SHIPPING & RECEIVING 1-63	RP-1CN1-60
RP-1CN1-61	GNRL. RECEPT. CLEANING STAFF LOUNGE...	15 A	1	600			800			1	15 A	RECEPTACLE MAIL DIGITIZATION ROOM 1-103	RP-1CN1-62
RP-1CN1-63	FRIDGE CLEANING STAFF LOUNGE 1-76	20 A	1		700			200		1	15 A	GNRL. RECEPT. MAIL DIGITIZATION ROOM...	RP-1CN1-64
RP-1CN1-65	GFCI O/C RECEPT. CLEANING STAFF LOUNG...	20 A	1			500			800	1	15 A	GNRL. RECEPT. Room 1-62, 1-104	RP-1CN1-66
RP-1CN1-67	GFCI O/C RECEPT. CLEANING STAFF LOUNG...	20 A	1	500			700			1	20 A	RECEPTACLES ATRIUM STAGE	RP-1CN1-68
RP-1CN1-69	MICROWAVE CLEANING STAFF LOUNGE 1-76	20 A	1		1000			900		1	20 A	RECEPTACLES ATRIUM STAGE	RP-1CN1-70
RP-1CN1-71	MICROWAVE CLEANING STAFF LOUNGE 1-76	20 A	1			1000			250	1	15 A	FLOOR BOX ATRIUM STAGE	RP-1CN1-72
RP-1CN1-73	APF Room 1-83, 1-84, 1-85	15 A	1	600			500			1	15 A	FLOOR BOX ATRIUM STAGE	RP-1CN1-74
RP-1CN1-75	GFCI RECEPT. Room 1-83, 1-84, 1-85	20 A	1		600			250		1	15 A	FLOOR BOX ATRIUM STAGE	RP-1CN1-76
RP-1CN1-77	GNRL. RECEPT. CORRIDOR 1-87	15 A	1			600			0	1	15 A	SPARE	RP-1CN1-78
RP-1CN1-79	GNRL. RECEPT. LEARNING CENTRE 1-93	15 A	1	400			0			1	15 A	SPARE	RP-1CN1-80
RP-1CN1-81	D/O GENDER NEUTRAL BARRIER FREE WR...	20 A	1		400			0		1	15 A	SPARE	RP-1CN1-82
RP-1CN1-83	SPARE	20 A	1			0			0	1	15 A	SPARE	RP-1CN1-84
		Total Load:		22072 VA		19128 VA		18560 VA					
		Total Amps:		185 A		160 A		155 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:
PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals	
Total Conn. Load:	59760 VA
Total Conn. Current:	166 A

Branch Panel: LP-1AN

Location: ELECTRICAL ROOM 1-02 **Supply From:** TX-L1AN **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 225 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
LP-1AN-1	LTG - NORTH EAST ENCLOSED ROOMS	20 A	1	1004									LP-1AN-2
LP-1AN-3	LTG - NORTH EAST CIRCULATING SPACE	20 A	1		872								LP-1AN-4
LP-1AN-5	LTG - NORTH EAST OPEN OFFICE	20 A	1			1321							LP-1AN-6
LP-1AN-7	LTG - NORTH EAST ENCLOSED ROOMS	20 A	1	624									LP-1AN-8
LP-1AN-9	LIGHTING CONTROL PANEL ELECTRICAL...	20 A	1		100								LP-1AN-10
LP-1AN-11	LTG - SOUTH OFFICE SPACE	15 A	1			1178							LP-1AN-12
LP-1AN-13	LTG EXTERIOR KENT STREENT CANOPY	20 A	1	58									LP-1AN-14
LP-1AN-15													LP-1AN-16
LP-1AN-17													LP-1AN-18
LP-1AN-19	SPARE	15 A	1	0			0			1	20 A	SPARE	LP-1AN-20
LP-1AN-21	SPARE	15 A	1		0			0		1	20 A	SPARE	LP-1AN-22
LP-1AN-23	SPARE	15 A	1			0			0	1	20 A	SPARE	LP-1AN-24
		Total Load:		1686 VA		972 VA		2499 VA					
		Total Amps:		15 A		8 A		22 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:

Panel Totals	
Total Conn. Load:	5157 VA
Total Conn. Current:	14 A

Branch Panel: LP-1BN

Location: ELEC. CLOSET 1-08 **Supply From:** TX-L1BN **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 225 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
LP-1BN-1	LTG - CENTRAL CIRCULATING SPACE	20 A	1	1032			58			1	20 A	SITE LIGHTING	LP-1BN-2
LP-1BN-3	LTG - NORTH WEST ENCLOSED ROOMS	20 A	1		469			58		1	20 A	SITE LIGHTING	LP-1BN-4
LP-1BN-5	LTG - NORTH WEST OPEN OFFICE	20 A	1			1068			58	1	20 A	SITE LIGHTING	LP-1BN-6
LP-1BN-7	LTG - NORTH WEST ENCLOSED ROOMS	20 A	1	1123			58			1	20 A	SITE LIGHTING	LP-1BN-8
LP-1BN-9	SITE LIGHTING	20 A	1		58			58		1	20 A	SITE LIGHTING	LP-1BN-10
LP-1BN-11	SITE LIGHTING	20 A	1			58							LP-1BN-12
LP-1BN-13	SITE LIGHTING	15 A	1	290									LP-1BN-14
LP-1BN-15													LP-1BN-16
LP-1BN-17													LP-1BN-18
LP-1BN-19	SPARE	15 A	1	0			0			1	20 A	SPARE	LP-1BN-20
LP-1BN-21	SPARE	15 A	1		0			0		1	20 A	SPARE	LP-1BN-22
LP-1BN-23	SPARE	15 A	1			0			0	1	20 A	SPARE	LP-1BN-24
		Total Load:		2193 VA		500 VA		1074 VA					
		Total Amps:		19 A		4 A		10 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:

Panel Totals	
Total Conn. Load:	3757 VA
Total Conn. Current:	10 A

Branch Panel: LP-1CN

Location: ELECTRICAL ROOM 1-79 **Supply From:** TX-L1CN **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 225 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
LP-1CN-1	LTG - SOUTH EAST ENCLOSED ROOMS	20 A	1	1110			58			1	15 A	SITE LIGHTING	LP-1CN-2
LP-1CN-3	LTG - SOUTH CENTRAL MUSEUM	20 A	1		1875			58		1	15 A	SITE LIGHTING	LP-1CN-4
LP-1CN-5	LTG - SOUTH EAST OPEN OFFICE	20 A	1			809			58	1	15 A	SITE LIGHTING	LP-1CN-6
LP-1CN-7	LTG - SOUTH WEST ENCLOSED ROOMS	20 A	1	77			67			1	15 A	SITE LIGHTING	LP-1CN-8
LP-1CN-9	LTG - SOUTH WEST CIRCULATING SPACE	20 A	1		1265			67		1	15 A	SITE LIGHTING	LP-1CN-10
LP-1CN-11	LTG - SOUTH WEST LEARNING CENTRE	20 A	1			576			290	1	15 A	SITE LIGHTING	LP-1CN-12
LP-1CN-13													LP-1CN-14
LP-1CN-15													LP-1CN-16
LP-1CN-17													LP-1CN-18
LP-1CN-19	SPARE	15 A	1	0			0			1	20 A	SPARE	LP-1CN-20
LP-1CN-21	SPARE	15 A	1		0			0		1	20 A	SPARE	LP-1CN-22
LP-1CN-23	SPARE	15 A	1			0			0	1	20 A	SPARE	LP-1CN-24
		Total Load:		1255 VA		3208 VA		1428 VA					
		Total Amps:		10 A		27 A		12 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:

Panel Totals	
Total Conn. Load:	5864 VA
Total Conn. Current:	16 A

Branch Panel: LP-1AE

Location: ELECTRICAL ROOM 1-02 **Supply From:** TX-L1AE **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** REFER TO SLD
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 125 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
LP-1AE-1				1285			1286						LP-1AE-2
LP-1AE-3	LP-2AE	60 A	3		1210			1075		3	15 A	LP-BAE	LP-1AE-4
LP-1AE-5						1236			196				LP-1AE-6
LP-1AE-7	LTG - EAST	20 A	1	985			180			1	15 A	LTG STAIR D-1 ST-D-1	LP-1AE-8
LP-1AE-9	FIRE ALARM PANEL FIRE PANEL ROOM 1-07	15 A	1		100			28		1	15 A	Power	LP-1AE-10
LP-1AE-11	FIRE ALARM PANEL FIRE PANEL ROOM 1-07	15 A	1			100			21	1	15 A	Power CAGED SECURE PALLET AREA 1-104	LP-1AE-12
LP-1AE-13	LTG - NORTH EAST	20 A	1	1250			21			1	15 A	Power STORES ROOM 1-61	LP-1AE-14
LP-1AE-15	LTG - NORTH WEST	20 A	1		1240			21		1	15 A	Power FIRST AID ROOM 1-04A	LP-1AE-16
LP-1AE-17	LTG - NORTH CENTRAL	20 A	1			944			0	1	15 A	SPARE	LP-1AE-18
LP-1AE-19	LTG STAIR A-1 ST-A-1	15 A	1	300			0			1	15 A	SPARE	LP-1AE-20
LP-1AE-21	LTG STAIR E-6 ST-E-6	15 A	1		360			0		1	20 A	SPARE	LP-1AE-22
LP-1AE-23	LTG STAIR B-1 ST-B-1	15 A	1			300			0	1	20 A	SPARE	LP-1AE-24
		Total Load:		4851 VA		3692 VA		2515 VA					
		Total Amps:		42 A		32 A		21 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:

Panel Totals	
Total Conn. Load:	11057 VA
Total Conn. Current:	31 A

Branch Panel: RP-1AN2

Location: DATA ROOM 1-01 **Supply From:** TX-R1AN2 **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** **MCB Rating:** 60 A

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1AN2-1	GNRL. RECEPT. DATA ROOM 1-01	15 A	1	300			100			1	15 A	SECURITY PANEL DATA ROOM 1-01	RP-1AN2-2
RP-1AN2-3	GNRL. RECEPT. DATA ROOM 1-01	15 A	1		300			100		1	15 A	ACCESS CONTROL POWER SUPPLY DATA...	RP-1AN2-4
RP-1AN2-5	GNRL. RECEPT. DATA ROOM 1-01	15 A	1			300							RP-1AN2-6
RP-1AN2-7	L5-20R DATA ROOM 1-01	20 A	1	2000									RP-1AN2-8
RP-1AN2-9	L5-20R DATA ROOM 1-01	20 A	1		2000								RP-1AN2-10
RP-1AN2-11	L5-20R DATA ROOM 1-01	20 A	1			2000							RP-1AN2-12
RP-1AN2-13													RP-1AN2-14
RP-1AN2-15													RP-1AN2-16
RP-1AN2-17													RP-1AN2-18
RP-1AN2-19													RP-1AN2-20
RP-1AN2-21													RP-1AN2-22
RP-1AN2-23													RP-1AN2-24
RP-1AN2-25													RP-1AN2-26
RP-1AN2-27													RP-1AN2-28
RP-1AN2-29													RP-1AN2-30
RP-1AN2-31							0			1	15 A	SPARE	RP-1AN2-32
RP-1AN2-33	SPARE	20 A	1		0			0		1	15 A	SPARE	RP-1AN2-34
RP-1AN2-35	SPARE	20 A	1			0			0	1	15 A	SPARE	RP-1AN2-36
RP-1AN2-37	SPARE	20 A	1	0			0			1	15 A	SPARE	RP-1AN2-38
RP-1AN2-39	SPARE	20 A	1		0			0		1	15 A	SPARE	RP-1AN2-40
RP-1AN2-41	SPARE	20 A	1			0			0	1	15 A	SPARE	RP-1AN2-42
		Total Load:		2400 VA		2400 VA		2300 VA					
		Total Amps:		20 A		20 A		19 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:
PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals	
Total Conn. Load:	7100 VA
Total Conn. Current:	20 A

Branch Panel: RP-1CN2

Location: DATA ROOM 1-78 **Supply From:** TX-R1CN2 **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** 4
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** **MCB Rating:** 60 A

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1CN2-1	GNRL. RECEPT. DATA ROOM 1-78	15 A	1	300			100			1	15 A	SECURITY PANEL DATA ROOM 1-78	RP-1CN2-2
RP-1CN2-3	GNRL. RECEPT. DATA ROOM 1-78	15 A	1		300			100		1	15 A	ACCESS CONTROL POWER SUPPLY DATA...	RP-1CN2-4
RP-1CN2-5	GNRL. RECEPT. DATA ROOM 1-78	15 A	1			300							RP-1CN2-6
RP-1CN2-7	L5-20R DATA ROOM 1-78	20 A	1	2000									RP-1CN2-8
RP-1CN2-9	L5-20R DATA ROOM 1-78	20 A	1		2000								RP-1CN2-10
RP-1CN2-11	EXTERIOR POWER FOR SECURITY	15 A	1			0							RP-1CN2-12
RP-1CN2-13													RP-1CN2-14
RP-1CN2-15													RP-1CN2-16
RP-1CN2-17													RP-1CN2-18
RP-1CN2-19													RP-1CN2-20
RP-1CN2-21													RP-1CN2-22
RP-1CN2-23													RP-1CN2-24
RP-1CN2-25													RP-1CN2-26
RP-1CN2-27													RP-1CN2-28
RP-1CN2-29													RP-1CN2-30
RP-1CN2-31							0			1	15 A	SPARE	RP-1CN2-32
RP-1CN2-33	SPARE	20 A	1		0			0		1	15 A	SPARE	RP-1CN2-34
RP-1CN2-35	SPARE	20 A	1			0			0	1	15 A	SPARE	RP-1CN2-36
RP-1CN2-37	SPARE	20 A	1	0			0			1	15 A	SPARE	RP-1CN2-38
RP-1CN2-39	SPARE	20 A	1		0			0		1	15 A	SPARE	RP-1CN2-40
RP-1CN2-41	SPARE	20 A	1			0			0	1	15 A	SPARE	RP-1CN2-42
		Total Load:		2400 VA		2400 VA		300 VA					
		Total Amps:		23 A		23 A		3 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:
PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals	
Total Conn. Load:	5100 VA
Total Conn. Current:	14 A

Branch Panel: LP-1CE

Location: ELECTRICAL ROOM 1-79 **Supply From:** LP-2CE **Mounting:** SURFACE **Enclosure:** Type 2
Volts: 120/208 Wye **Phases:** 3 **Wires:** REFER TO SLD
A.I.C. Rating: 10kA **Mains Type:** **Mains Rating:** 125 A **MCB Rating:**

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
LP-1CE-1	LTG - SOUTH EAST	20 A	1	822									LP-1CE-2
LP-1CE-3	LTG CORRIDOR 1-65	15 A	1		414								LP-1CE-4
LP-1CE-5	LTG - SOUTH WEST	20 A	1			1149							LP-1CE-6
LP-1CE-7	LTG STAIR C-1 ST-C-1	15 A	1	180									LP-1CE-8
LP-1CE-9													LP-1CE-10
LP-1CE-11													LP-1CE-12
LP-1CE-13													LP-1CE-14
LP-1CE-15													LP-1CE-16
LP-1CE-17													LP-1CE-18
LP-1CE-19	SPARE	15 A	1	0			0			1	20 A	SPARE	LP-1CE-20
LP-1CE-21	SPARE	15 A	1		0			0		1	20 A	SPARE	LP-1CE-22
LP-1CE-23	SPARE	15 A	1			0			0	1	20 A	SPARE	LP-1CE-24
		Total Load:		841 VA		414 VA		1149 VA					
		Total Amps:		8 A		3 A		10 A					

Legend:
'G' DENOTES GFCI BREAKER
'L' DENOTES BREAKER LOCK ON CIRCUIT

Notes:

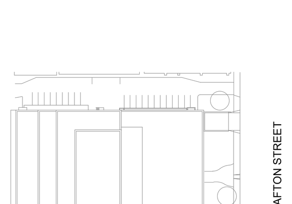
Panel Totals	
Total Conn. Load:	2392 VA
Total Conn. Current:	7 A

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

NORR

NORR Architects & Engineers Limited
An Ingenium Group Company
175 Bloor St. East
North Tower, 15th Floor
Toronto, ON Canada M4W 3R8
norr.com

key plan



project and true North

project legend

THE ASSOCIATION OF PROFESSIONAL ENGINEER OF THE PROVINCE OF PRINCE EDWARD ISLAND
VALID FOR THE YEAR 2022
Salil N. Ranadive
No. 2556
DATE: May 27, 2022
LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

Digitally signed by Salil N. Ranadive P.Eng. DN: C=CA, E=salil.ranadive@norr.com, O=NORR, OU=Manager Electrical Engineering, CN=Salil N. Ranadive P.Eng. Reason: I am approving this document Date: 2022.05.31 22:38:03-04'00'

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project / projet
DANIEL J MACDONALD MODERNIZATION
161 GRAFTON STREET
CHARLOTTETOWN, PEI, C1A 1L1

drawing / dessin
PANEL SCHEDULES - MAIN FLOOR

designed / conçu: NORR
date: 09/13/21
drawn / dessiné: NORR
date: 09/13/21
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