

Branch Panel: RP-1AN3

Location: ELECTRICAL ROOM 1-02

Supply From: RP-1AN1

Mains Type: SURFACE

Enclosure: Type 2

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10kA

Mains Rating: 225 A

MCB Rating:

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT	
RP-1AN3-1	MECH - UH LOADING DOCK 1-02	15 A	1	240			900				1	20 A MECH - FPB CORRIDOR 1-26	RP-1AN3-2	
RP-1AN3-3	MECH - UH LOADING DOCK 1-02	15 A	1		240			420			1	15 A MECH - EF ELEC CLOSET 1-13	RP-1AN3-4	
RP-1AN3-5	MECH - FFH STAIR A-1 ST-A-1	15 A	1			228			780		1	15 A MECH - FPB CORRIDOR 1-26	RP-1AN3-6	
RP-1AN3-7	MECH - FCU LOADING DOCK 1-02	15 A	1	372			900				1	20 A MECH - FPB CORRIDOR 1-26	RP-1AN3-8	
RP-1AN3-9	MECH - FCU LOADING DOCK 1-02	15 A	1		720			1140			1	25 A MECH - FPB CORRIDOR 1-26	RP-1AN3-10	
RP-1AN3-11	MECH - FCU LOADING DOCK 1-02	15 A	1				372		1140		1	25 A MECH - FPB CORRIDOR 1-26	RP-1AN3-12	
RP-1AN3-13	MECH - FPB KITCHENETTE LOUNGE 1-06	25 A	1	1140							1	20 A MECH - FPB KITCHENETTE LOUNGE 1-20	RP-1AN3-14	
RP-1AN3-15	MECH - FCU CORRIDOR 1-26	15 A	1		372			228			1	15 A MECH - FFH STAIR B-1 ST-B-1	RP-1AN3-16	
RP-1AN3-17	MECH - FCU FOCUS ROOM 1-00B	15 A	1			372							RP-1AN3-18	
RP-1AN3-19	MECH - FFH VESTIBULE 1-33	15 A	1		228								RP-1AN3-20	
RP-1AN3-21	MECH - FFH VESTIBULE 1-33	15 A	1			228							RP-1AN3-22	
RP-1AN3-23	MECH VAV LOADING DOCK 1-02	15 A	1				200						RP-1AN3-24	
RP-1AN3-25	MECH VAV FG15 LEGAL ADVISORY OPEN...	15 A	1	200									RP-1AN3-26	
RP-1AN3-27	MECH VAV OPEN WORKSPACE 1-35	15 A	1			200							RP-1AN3-28	
RP-1AN3-29	MECH VAV CORRIDOR 1-26	15 A	1				200						RP-1AN3-30	
RP-1AN3-31	MECH - VAV CORRIDOR 1-23	15 A	1	200									RP-1AN3-32	
RP-1AN3-33	MECH VAV CORRIDOR 1-23	15 A	1					720					RP-1AN3-34	
RP-1AN3-35	MECH - FCU CORRIDOR 1-26	15 A	1						720				RP-1AN3-36	
RP-1AN3-37	MECH - EF ELEC CLOSET 1-08	15 A	1	420				0			1	15 A SPARE	RP-1AN3-38	
RP-1AN3-39	MECH - FCU CORRIDOR 1-26	15 A	1			372					1	15 A SPARE	RP-1AN3-40	
RP-1AN3-41	MECH - FCU CORRIDOR 1-26	15 A	1				372				0	1	15 A SPARE	RP-1AN3-42
RP-1AN3-43	RADIATOR POWER SUPPLY KENT DISPLAY	15 A	1	200				0			1	15 A SPARE	RP-1AN3-44	
RP-1AN3-45	RADIATOR POWER SUPPLY KENT DISPLAY	15 A	1			200			0		1	15 A SPARE	RP-1AN3-46	
RP-1AN3-47	RADIATOR POWER SUPPLY KENT DISPLAY	15 A	1				200			0	1	15 A SPARE	RP-1AN3-48	
RP-1AN3-49	RADIATOR POWER SUPPLY KENT DISPLAY	15 A	1	200				0			1	15 A SPARE	RP-1AN3-50	
RP-1AN3-51	RADIATOR POWER SUPPLY KENT DISPLAY	15 A	1			200				0	1	15 A SPARE	RP-1AN3-52	
RP-1AN3-53	TRAP SEAL PRIMER	15 A	1				0			0	1	20 A SPARE	RP-1AN3-54	
RP-1AN3-55	SPARE	20 A	1	0						0	1	20 A SPARE	RP-1AN3-56	
RP-1AN3-57	SPARE	20 A	1		0					0	1	20 A SPARE	RP-1AN3-58	
RP-1AN3-59	SPARE	20 A	1			0				0	1	20 A SPARE	RP-1AN3-60	
		Total Load:		5900 VA		4520 VA		4594 VA						
		Total Amps:		49 A		38 A		38 A						

Legend:

Q DENOTES GFCI BREAKER

L DENOTES BREAKER LOCK ON CIRCUIT

Notes:

PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals

Total Conn. Load: 15004 VA

Total Conn. Current: 42 A

Branch Panel: RP-1CN3

Location: ELECTRICAL ROOM 1-79

Supply From: RP-1CN1

Mains Type: SURFACE

Enclosure: Type 2

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10kA

Mains Rating: 225 A

MCB Rating:

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1CN3-1	MECH - FPB OPEN WORKSPACE 1-07	20 A	1	900							1	15 A MECH VAV FG15 LEGAL ADVISORY OPEN...	RP-1CN3-2
RP-1CN3-3	MECH - FCU LOCKERS 1-7	15 A	1		372			200			1	15 A MECH VAV CORRIDOR 1-07	RP-1CN3-4
RP-1CN3-5	MECH - FPB MUSEUM 1-77	15 A	1			372			200		1	15 A MECH VAV CORRIDOR 1-07	RP-1CN3-6
RP-1CN3-7	MECH - FCU MUSEUM 1-77	30 A	1	1440							1	15 A MECH VAV OPEN WORKSPACE 1-07	RP-1CN3-8
RP-1CN3-9	MECH - FCU MUSEUM 1-77	15 A	1		372				200		1	15 A MECH VAV OPEN WORKSPACE 1-07	RP-1CN3-10
RP-1CN3-11	MECH - FCU CORRIDOR 1-01	35 A	1			1632							RP-1CN3-12
RP-1CN3-13	MECH - FCU CORRIDOR 1-01	35 A	1		1632								RP-1CN3-14
RP-1CN3-15	MECH - FCU CORRIDOR 1-01	35 A	1			1632							RP-1CN3-16
RP-1CN3-17	CANOPY HEAT TRACE ELECTRICAL ROOM...	15 A	1				0						RP-1CN3-18
RP-1CN3-19	MECH - FPB CORRIDOR 1-01	20 A	1	900									RP-1CN3-20
RP-1CN3-21	MECH - FCU CORRIDOR 1-01	15 A	1			372							RP-1CN3-22
RP-1CN3-23	MECH - FFH VESTIBULE 1-02	15 A	1				228						RP-1CN3-24
RP-1CN3-25	MECH - FPB CORRIDOR 1-07	20 A	1	900									RP-1CN3-26
RP-1CN3-27	MECH - FPB KITCHENETTE LOUNGE 1-08	15 A	1			780							RP-1CN3-28
RP-1CN3-29	MECH - FFH STAIR C-1 ST-C-1	15 A	1				228		0		1	15 A SPARE	RP-1CN3-30
RP-1CN3-31	TRAP SEAL PRIMER	15 A	1			0			0		1	15 A SPARE	RP-1CN3-32
RP-1CN3-33	SPARE	15 A	1			0			0		1	20 A SPARE	RP-1CN3-34
RP-1CN3-35	SPARE	15 A	1	0					0		1	20 A SPARE	RP-1CN3-36
RP-1CN3-37	SPARE	15 A	1		0				0		1	20 A SPARE	RP-1CN3-38
RP-1CN3-39	SPARE	15 A	1			0			0		1	20 A SPARE	RP-1CN3-40
RP-1CN3-41	SPARE	15 A	1				0		0		1	20 A SPARE	RP-1CN3-42
		Total Load:		6272 VA		3928 VA		2660 VA					
		Total Amps:		54 A		34 A		22 A					

Legend:

Q DENOTES GFCI BREAKER

L DENOTES BREAKER LOCK ON CIRCUIT

Notes:

PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals

Total Conn. Load: 12860 VA

Total Conn. Current: 36 A

Branch Panel: RP-1CX1

Location: ELECTRICAL ROOM 1-79

Supply From: TX-01CX

Mains Type: SURFACE

Enclosure: Type 2

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10kA

Mains Rating: 225 A

MCB Rating:

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1CX1-1	GNRL RECEPT FINGER PRINT PHOTO ID 1-08	15 A	1	200									RP-1CX1-2
RP-1CX1-3	GNRL RECEPT FINGER PRINT PHOTO ID 1-08	15 A	1		200								RP-1CX1-4
RP-1CX1-5	RECEPTACLE FINGER PRINT PHOTO ID 1-08	15 A	1			400							RP-1CX1-6
RP-1CX1-7	GNRL RECEPT SOC ROOM 1-06	15 A	1			400							RP-1CX1-8
RP-1CX1-9	RECEPTACLE SOC ROOM 1-06	15 A	1			400							RP-1CX1-10
RP-1CX1-11	GNRL RECEPT SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-12
RP-1CX1-13	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-14
RP-1CX1-15	GNRL RECEPT SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-16
RP-1CX1-17	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-18
RP-1CX1-19	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-20
RP-1CX1-21	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-22
RP-1CX1-23	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-24
RP-1CX1-25	Power ELECTRICAL ROOM 1-79	15 A	1	0									RP-1CX1-26
RP-1CX1-27	BAS - EMCS ELECTRICAL ROOM 1-79	15 A	1		0								RP-1CX1-28
RP-1CX1-29	BAS - EMCS ELECTRICAL ROOM 2-08	15 A	1			0							RP-1CX1-30
RP-1CX1-31	SPARE	20 A	1			0				1	15 A SPARE		RP-1CX1-32
RP-1CX1-33	SPARE	20 A	1		0			0		1	15 A SPARE		RP-1CX1-34
RP-1CX1-35	SPARE	20 A	1		0			0		1	15 A SPARE		RP-1CX1-36
RP-1CX1-37	SPARE	20 A	1	0				0		1	15 A SPARE		RP-1CX1-38
RP-1CX1-39	SPARE	20 A	1		0			0		1	15 A SPARE		RP-1CX1-40
RP-1CX1-41	SPARE	20 A	1			0			0	1	15 A SPARE		RP-1CX1-42
		Total Load:		1400 VA		1400 VA		1600 VA					
		Total Amps:		12 A		12 A		13 A					

Legend:

Q DENOTES GFCI BREAKER

L DENOTES BREAKER LOCK ON CIRCUIT

Notes:

PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals

Total Conn. Load: 4400 VA

Total Conn. Current: 12 A

Branch Panel: RP-1CX1

Location: ELECTRICAL ROOM 1-79

Supply From: TX-01CX

Mains Type: SURFACE

Enclosure: Type 2

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10kA

Mains Rating: 225 A

MCB Rating:

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1CX1-1	GNRL RECEPT FINGER PRINT PHOTO ID 1-08	15 A	1	200									RP-1CX1-2
RP-1CX1-3	GNRL RECEPT FINGER PRINT PHOTO ID 1-08	15 A	1		200								RP-1CX1-4
RP-1CX1-5	RECEPTACLE FINGER PRINT PHOTO ID 1-08	15 A	1			400							RP-1CX1-6
RP-1CX1-7	GNRL RECEPT SOC ROOM 1-06	15 A	1			400							RP-1CX1-8
RP-1CX1-9	RECEPTACLE SOC ROOM 1-06	15 A	1			400							RP-1CX1-10
RP-1CX1-11	GNRL RECEPT SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-12
RP-1CX1-13	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-14
RP-1CX1-15	GNRL RECEPT SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-16
RP-1CX1-17	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-18
RP-1CX1-19	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-20
RP-1CX1-21	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-22
RP-1CX1-23	RECEPTACLE SECURITY OPERATIONS...	15 A	1			400							RP-1CX1-24
RP-1CX1-25	Power ELECTRICAL ROOM 1-79	15 A	1	0									RP-1CX1-26
RP-1CX1-27	BAS - EMCS ELECTRICAL ROOM 1-79	15 A	1		0								RP-1CX1-28
RP-1CX1-29	BAS - EMCS ELECTRICAL ROOM 2-08	15 A	1			0							RP-1CX1-30
RP-1CX1-31	SPARE	20 A	1			0				1	15 A SPARE		RP-1CX1-32
RP-1CX1-33	SPARE	20 A	1		0			0		1	15 A SPARE		RP-1CX1-34
RP-1CX1-35	SPARE	20 A	1		0			0		1	15 A SPARE		RP-1CX1-36
RP-1CX1-37	SPARE	20 A	1	0				0		1	15 A SPARE		RP-1CX1-38
RP-1CX1-39	SPARE	20 A	1		0			0		1	15 A SPARE		RP-1CX1-40
RP-1CX1-41	SPARE	20 A	1			0			0	1	15 A SPARE		RP-1CX1-42
		Total Load:		1400 VA		1400 VA		1600 VA					
		Total Amps:		12 A		12 A		13 A					

Legend:

Q DENOTES GFCI BREAKER

L DENOTES BREAKER LOCK ON CIRCUIT

Notes:

PANEL TO HAVE 200% RATED NEUTRAL

Panel Totals

Total Conn. Load: 4400 VA

Total Conn. Current: 12 A

Branch Panel: RP-1CX1

Location: ELECTRICAL ROOM 1-79

Supply From: TX-01CX

Mains Type: SURFACE

Enclosure: Type 2

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 10kA

Mains Rating: 225 A

MCB Rating:

CCT	Circuit Description	Trip	Poles	A	B	C	A	B	C	Poles	Trip	Circuit Description	CCT
RP-1CX1-1	GNRL RECEPT FINGER PRINT PHOTO ID 1-08	15 A	1	200									RP-1CX1-2
RP-1CX1-3	GNRL RECEPT FINGER PRINT PHOTO ID 1-08	15 A	1		200</								