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10/14 1st Flr Skyline College San Bruno

Panel: **DPA** fed from MCHA KAIC 14
 Bus: Main MLO via TX1 Location: 7105
 Lugs: MOUNTING
 NEMA 1 Voltage: 120/208V, 3PH, 4W

CKI	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	CKI
1	PNL-7R2A	225	A							2
3	PNL-7R1C	100	B						PNL-7M2	4
5		3	C							6
7			A			60			PNL-7R1B	8
9	PNL-7R1A	100	B	1		3				10
11		3	C							12
13		100	A						BMS/RELEVATOR #105	14
15		3	B						Building # Elevator - Pt	16
17			C						Rm Ltr D	18
19			A			201			Cable	20
21		100	B						Building & Bus Recept.	22
23		3	C							24
25		100	A							26
27			B						PNL-7M1	28
29		3	C							30

Type: C Computer
 H HVAC
 K Kitchen
 L Lighting
 M Misc.
 R Recept.
 Total

Connected Demand Ph.
 400/3
 MAIN
 BREAKER

5640
 4460
 4240
 34 Amps
 PC02

3

Panel 7R1A
 Bus 100A
 Main MLO
 Lugs
 NEMA 1

fed from DP4

Location ELEC. RM. ~~7105~~ 7105
 Mounting SURFACE

Voltage 120/208V, 3PH, 4W
 KAIC 14

CKt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	CKt.
1	RECEPT. 7115	20/1	R	1000	A	1000	R	20/1	RECEPT. 7106	2
3	RECEPT.	20/1	R	1000	B	1000	R	20/1	RECEPT.	4
5	RECEPT./PROJECTOR	20/1	R	1000	C	1000	R	20/1	RECEPT.	6
7	RECEPT.	20/1	R	1000	A	1000	R	20/1	RECEPT. 7115 A, B	8
9	RECEPT.	20/1	R	1000	B	1000	R	20/1	RECEPT.	10
11	RECEPT.	20/1	R	1000	C	1000	R	20/1	RECEPT.	12
13	VENDING MACHINE	20/1	R	1000	A	200	L	20/1	DISPLAY LIGHT	14
15	VENDING MACHINE	20/1	R	1000	B	1000	R	20/1	RECEPT.	16
17	Compressor 7118 7118	20/1	M	800	C	600	R	20/1	TEACHERS WORKSTATION RM 7109	18
19	RECEPT. RM 7106 FURNITURE (7) + Desk	20/1	R	1080	A	600	R	20/1	TEACHERS WORKSTATION RM 7111	20
21	RECEPT. RM FURNITURE (7)	20/1	R	1080	B		R	20/1	SPARE RECEPT. corr. Elect. Mech	22
23	RECEPT. RM FURNITURE (7)	20/1	R	1080	C		R	20/1	SPARE RECEPT. corr. Elect. Mech	24
25	RECEPT. RM FURNITURE (7)	20/1	R	1080	A		R	20/1	SPARE	26
27	RECEPT. RM FURNITURE (7)	20/1	R	1080	B		R	20/1	SPARE	28
29	RECEPT. RM FURNITURE (7)	20/1	R	1080	C		R	20/1	SPARE	30
31	RECEPT. RM FURNITURE (7)	20/1	R	1080	A		R	20/1	SPARE	32
33	RECEPT. RM FURNITURE (7)	20/1	R	1080	B		R	20/1	7112 circ. Pump + controller	34
35	RECEPT. RM FURNITURE (7)	20/1	R	1080	C		R	20/1	7112 7212 7218 HVAC BMS	36
37	SPARE	20/1			A			20/1	SPARE DDCR HOLDER	38
39	SPARE	20/1			B			20/1	SPARE sec. lock	40
41	SPARE	20/1			C			20/1	SPARE Auto door locking	42

Type:	Connected	Demand	Ph.
C	Computer	-	A
H	HVAC	-	B
K	Kitchen	-	C
L	Lighting	200	
M	Misc.	800	
R	Recept.	17,960	
	Total	26,920	
		19,010	53 Amps

PC02

HR#5
 HR#3
 HR#1

20614
 1st floor

HR#6
 HR#4
 HR#2
 HR#1

1st floor

36114

Panel TR1B
 Bus 80A
 Main MLO
 Lugs
 NEMA 1

Feed from
 TR11A

Voltage 120/208V 3PH, 4W
 KAC 14
 Location IT RAL2445
 Mounting SURFACE

711D

Ord.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ord.
1	RECEPT.	20/1	R	540	A	1000	C	30/1	UPS	2
3	RECEPT. + cond. pump	20/1	R	800	B	1000	C	20/1	SECURITY DEVICES	4
5	UPS	20/1	C	900	C	1000	C	20/1	SECURITY DEVICES	6
7	SPARE	20/1			A	500	M	20/1	RECEPT.	8
9	SPARE Clock system	20/1			B			20/1	SPARE	10
11	SPARE	20/1			C			20/1	SPARE	12
13	SPARE	20/1			A			20/1	SPARE	14
15	SPARE	20/1			B			20/1	SPARE	16
17	SPARE	20/1			C			20/1	SPARE	18
19	SPARE	20/1			A			20/1	SPARE	20
21	SPARE	20/1			B			20/1	SPARE	22
23	SPARE	20/1			C			20/1	SPARE	24
25	SPARE	20/1			A			20/1	SPARE	26
27	SPARE	20/1			B			20/1	SPARE	28
29	SPARE	20/1			C			20/1	SPARE	30
31	SPARE	20/1			A			20/1	SPARE	32
33	SPARE	20/1			B			20/1	SPARE	34
35	SPARE	20/1			C			20/1	SPARE	36
37	SPARE	20/1			A			20/1	SPARE	38
39	SPARE	20/1			B			20/1	SPARE	40
41	SPARE	20/1			C			20/1	SPARE	42

HR # 1

HR # 2

Computer 3,500
 HVAC 1,950
 Kitchen
 Laundry
 Office 500

Connected Demand

Ph. A 2040
 B 1900
 C 1900

Panel 7R1C
 Bus 100A
 Main MLO
 Lugs
 NEMA 1

Voltage 120/208V, 3PH, 4W
 KA1C 14
 Location LAB. RM. 7102
 Mounting FLUSH

fed from 7R1A

42814

Ckt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ckt.
1	RECEPT.	20/1	R	1000	A	1080	R	20/1	FLOOR FURN FEED RM	2
3	RECEPT.	20/1	R	1000	B	1080	R	20/1	FLOOR FURN FEED RM	4
5	RECEPT/PROJECTOR	20/1	R	1000	C	1080	R	20/1	FLOOR FURN FEED RM	6
7	RECEPT.	20/1	R	800	A	1080	R	20/1	FLOOR FURN FEED RM	8
9	RECEPT.	20/1	R	700	B	600	R	20/1	RM7104 TEACHERS STATION	10
11	SPARE	20/1			C	1080	R	20/1	FLOOR FURN FEED RM	12
13	SPARE	20/1			A	1080	R	20/1	FLOOR FURN FEED RM	14
15	SPARE	20/1			B	1080	R	20/1	FLOOR FURN FEED RM	16
17	SPARE	20/1			C	1080	R	20/1	FLOOR FURN FEED RM	18
19	SPARE	20/1			A	600	R	20/1	RM7110 TEACHERS STATION	20
21	SPARE	20/1			B			20/1	SPARE	22
23	SPARE	20/1			C			20/1	SPARE	24
25	SPARE	20/1			A			20/1	SPARE	26
27	SPARE	20/1			B			20/1	SPARE	28
29	SPARE	20/1			C			20/1	SPARE	30
31	SPARE	20/1			A			20/1	SPARE	32
33	SPARE	20/1			B			20/1	SPARE	34
35	SPARE	20/1			C			20/1	SPARE	36
37	SPARE	20/1			A			20/1	SPARE	38
39	SPARE	20/1			B			20/1	SPARE	40
41	SPARE	20/1			C			20/1	SPARE	42

Type:	Connected	Demand	Ph.
C	Computer	-	A
H	HVAC	-	B
K	Kitchen	-	C
L	Lighting	-	
M	Misc.	-	
R	Recept.	12,170	
	Total	14,340	34 Amps

PC02

HR #2
 HR #3
 HR #4

50714

Panel 7M1
 Bus 100A
 Main M.L.O
 Lugs
 NEMA 1

Fed from DP#

Voltage 120/208V, 3PH, 4W
 KAIC 14
 Location ELEC. RM. 7442
 Mounting SURFACE

7105

ckt	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	ckt
1	FCU 7-1.1	20/1	H	385	A	385	H	20/1	FCU 7-1.9	2
3	FCU 7-1.2	20/1	H	385	B	385	H	20/1	FCU 7-1.10	4
5	FCU 7-1.3	20/1	H	131	C	109	H	20/1	FCU 7-1.11	6
7	FCU 7-1.4	20/1	H	289	A	385	H	20/1	FCU 7-1.12	8
9	FCU 7-1.5	20/1	H	289	B	131	H	20/1	FCU 7-1.13	10
11	FCU 7-1.6	20/1	H	131	C	385	H	20/1	FCU 7-1.14	12
13	FCU 7-1.7	20/1	H	291	A	291	H	20/1	FCU 7-1.15	14
15	FCU 7-1.8	20/1	H	281	B	205	H	20/1	FCU 7-1.16	16
17	EF 7-5	20/3	H	782	C	131	H	20/1	FCU 7-1.17	18
19			H	782	A	800	H	20/1	FSDS	20
21			H	792	B			20/1	SPARE	22
23	AIR - Rm. 7118				C			20/1	SPARE	24
25	COMPRESSOR				A			20/1	SPARE	26
27					B			20/1	SPARE	28
29	VACUUM Rm 7118				C			20/1	SPARE	30
31					A			20/1	SPARE	32
33					B			20/1	SPARE	34
35	SPARE				C			20/1	SPARE	36
37	SPARE				A			20/1	SPARE	38
39	SPARE				B			20/1	SPARE	40
41	SPARE				C			20/1	SPARE	42

Type:	Connected	Demand	Ph.
C	Computer		A
H	HVAC	7,700	B
K	Kitchen		C
L	Lighting		

HR # 1

HR # 2

HR # 3

HR # 4

AIR

VACUUM

3542

2488

1679

10/9/14

Panel 7L
 Bus 100A
 Main MLO
 Lugs
 NEMA 1

fed from
 MCC#

Voltage 480/277V, 3PH, 4W
 KMC 22
 Location ELEC. RM. ~~7105~~
 Mounting SURFACE

ckt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	ckt.
1	CORRIDOR & EXT LIGHT	20/1	L	2244	A	4088	L	20/1	LIGHTS-LEVEL 1	2
3	STAIR LIGHTS	20/1	L	816	B	3816	L	20/1	LIGHTS-LEVEL 1	4
5	UTILITY ROOM LIGHTS	20/1	L	680	C	3332	L	20/1	LIGHTS-LEVEL 1	6
7	CORRIDOR LIGHTS-LEVEL 1	20/1	L	1700	A	4080	L	20/1	LIGHTS-LEVEL 2	8
9	CORRIDOR LIGHTS-LEVEL 2	20/1	L	884	B	4116	L	20/1	LIGHTS-LEVEL 2	10
11	CORRIDOR LIGHTS-LEVEL 3	20/1	L	1496	C	4158	L	20/1	LIGHTS-LEVEL 2	12
13	EXTERIOR ENTRY LIGHTS	20/1	L	980	A	4112	L	20/1	LIGHTS-LEVEL 2	14
15	SURGICAL LIGHTS	20/1	L	800	B	4082	L	20/1	LIGHTS-LEVEL 3	16
17	SPARE	20/1	L		C	3676	L	20/1	LIGHTS-LEVEL 3	18
19	EXTERIOR SECOND FLOOR LIGHTS	20/1	L	300	A		L	20/1	LIGHTS-LEVEL 3	20
21	SPARE	20/1	L	60	B		L	20/1	LIGHTS-LEVEL 3	22
23	SPARE	20/1	L		C	1000	L	20/1	7LOP Exterior Roof Stair Lts	24
25	SPARE	20/1	L		A		L	20/1	SPARE	26
27	SPARE	20/1	L		B		L	20/1	SPARE	28
29	SPARE	20/1	L		C		L	20/1	SPARE	30
31	SPARE	20/1	L		A		L	20/1	SPARE	32
33	SPARE	20/1	L		B		L	20/1	SPARE	34
35	SPARE	20/1	L		C		L	20/1	SPARE	36
37	SPARE	20/1	L		A		L	20/1	SPARE	38
39	SPARE	20/1	L		B		L	20/1	SPARE	40
41	SPARE	20/1	L		C		L	20/1	SPARE	42

Type:	Connected	Demand	Ph.
C	Computer		A
H	HVAC		B
K	Kitchen		C
L	Lighting	46,400	
M	Misc.		
R	Receipt		
Total	46,400	58,000	164amps

485. 664-7097

7814

Panel MCCB - 2nd FLR
 Bus Fed from MCCA
 Main MLO
 Lugs
 NEMA 1

Voltage 120/208V, 3PH, 4W
 KAIC 14
 Location 7205c
 Mounting

Ckt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ckt.
1			R		A		R			2
3	TRANS TX2 2nd FLR	125/3	R		B		R	60/3	ACU/7.1	4
5	Elect. Rm. 7205c		R		C		R			6
7			R		A		R			8
9	CU/7.2	40/3	R		B		R	40/3	CU/7.1	10
11			R		C		R			12
13			R		A		R			14
15	AHU/7.2 2nd FLR	25/3	R		B		R	25/3	AHU/7.1	16
17	Mech Rm. 7212		R		C		R		Mech Rm. 721B	18
19			R		A		R			20
21	CU/7.3	20/3	R		B		R	20/3	CU/7.4	22
23			R		C		R			24
25			R		A		R			26
27	AHU/7.3 2nd FLR	15/3	R		B		R	15/3	AHU/7.4	28
29	Rm. 7211		R		C		R		Rm. 7309	30
31			R		A		R			32
33			R		B		R			34
35			R		C		R			36
37			R		A		R			38
39			R		B		R			40
41			R		C		R			42

Type:	Connected	Demand	Ph.
C	Computer	-	A
H	HVAC	-	B
K	Kitchen	-	C
L	Lighting	-	
M	Misc.	-	
R	Recept.	14,340	
	Total	14,340	
		12,170	
		=	
			34 Amps

PC02

3

8814

1 Location 7205C
 3
 5

Distribution Panel **DPB**
 Fed from MCCB
 via TX2

125/3
 PANEL 7R3A

2
 4
 6

Ckt	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ckt
7	PNL - 7M3	100/3	R		A		R	100/3		8
9		100/3	R		B		R		SPARE	10
11		100/3	R		C		R		FCC-2 PNL	12
13		100/3	R		A		R		SPARE	14
15	SPARE	100/3	R		B		R		Surgical LT - Rm. 7205B	16
17			R		C		R			18
19			R		A		R			20
21			R		B		R		Plugs	21
23			R		C		R		Plugs	22
25			R		A		R		Plugs	23
27			R		B		R			24
29			R		C		R			25
31			R		A		R			26
33			R		B		R			27
35			R		C		R			28
37			R		A		R			29
39			R		B		R			30
41			R		C		R			31

250/3	MAIN BREAKER	PC02
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#6
#2
#4

9814

Prof. F.R.

Panel TR2A
Bus 225A
Main MLO
Lugs
NEMA 1

Fed from DPA

Voltage 120/208V 3PH, 4W
KAIC 14
Location ELEC. RM. 3040
Mounting SURFACE
7201

Ord.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ord.
1	RECEPT.	20/1	R	1000	A	1000	R	20/1	RECEPT: 7205A, 22, 24, 17, 19	2
3	RECEPT/PROJECTOR	20/1	R	1000	B	1000	R	20/1	RECEPT: 7205A, 20, 24, 19	4
5	RECEPT.	20/1	R	1000	C	1000	R	20/1	RECEPT: 7209, 16, 20, 22, 17	6
7	RECEPT.	20/1	R	1000	A	1000	R	20/1	RECEPT/PROJECTOR - 7205, 05A, 09	8
9	RECEPT.	20/1	R	1000	B	1000	R	20/1	RECEPT: 7205, 05A, 07	10
11	RECEPT.	20/1	R	1000	C	800	R	20/1	RECEPT: 7205A, 07, 03, - corr.	12
13	RECEPT.	20/1	R	1000	A	1000	R	20/1	RECEPT: IGF 7205	14
15	RECEPT.	20/1	R	1000	B	800	R	20/1	RECEPT: IGF 7205 - corr	16
17	RECEPT.	20/1	R	1000	C	1000	R	20/1	RECEPT. - CORR	18
19	RECEPT. - 7205 B	20/1	R	1000	A	1200	R	20/1	WIREMOLD Rm. 7205	20
21	RECEPT.	20/1	R	1000	B	1000	R	20/1	WIREMOLD	22
23	RECEPT.	20/1	R	1000	C	1000	R	20/1	WIREMOLD	24
25	DOOR HOLDERS -	20/1	M	500	A	1200	R	20/1	WIREMOLD - Rm. 7203	26
27	SPARE	20/1	L	800	B	1200	R	20/1	WIREMOLD	28
29	SPARE	20/1			C	1200	R	20/1	WIREMOLD	30
31	SPARE	20/1			A	1200	R	20/1	WIREMOLD	32
33	SPARE	20/1			B	1200	R	20/1	WIREMOLD	34
36	SPARE	20/1			C			20/1	SPARE	38
37	SPARE	20/1			A			20/1	PANEL 7R2B	38
39	SPARE	20/1			B			20/1		40
41	SPARE	20/1			C			20/1		42

Type:	Connected	Demand	Ph.
C	Computer		A
H	HVAC		B
K	Kitchen		C
L	Lighting	500	
M	Misc.	1,000	
R	Recept.	28,800	
	Total	30,300	
		21,025	
		=	58 Amps

Prof. F.R.

HR #1
HR #3
HR #5
SPARE

HR #2
HR #4
HR #6
SPARE

Panel 7R2B Fed from 7R2A
 Bus 100A
 Main MLO
 Lugs
 NEMA 1
 Voltage 120/208V 3PH, 4W
 KAIC 14
 Location LAB, RM 7208
 Mounting FLUSH
 7210

ckt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	ckt.
1	RECEPT., RM 7208 7210A	20/1	R	1000	A	1000	R	20/1	RECEPT. ISLAND RM. 7210	2
3	RECEPT., 220V, 10A, 10B/Bag, 7204	20/1	R	1000	B	1000	R	20/1	RECEPT.	4
5	RECEPT., 220V, 10A, 10B/Bag, 7204	20/1	R	1000	C	1000	R	20/1	RECEPT.	6
7	RECEPT./PROJECTOR 7210	20/1	R	1000	A	1000	R	20/1	RECEPT.	8
9	SPARE Desk - 220V 7210	20/1	R	1000	B	1000	R	20/1	RECEPT.	10
11	DELI CASE, RM 7208 7204	20/1	R	1000	C	1000	R	20/1	RECEPT.	12
13	FREEZER, RM 7208	20/1	R	1000	A	800	R	20/1	WIREWOLD (CEILING) RM 7208 7204	14
15	RECEPT., COUNTER, RM 7208 7204	20/1	R	1000	B	800	R	20/1	WIREWOLD (CEILING) RM 7208	16
17	RECEPT., COUNTER, RM 7208	20/1	R	1000	C	800	R	20/1	RECEPTACLE (CEILING), RM 7208	18
19	RECEPT., COUNTER, RM 7208	20/1	R	1000	A	800	R	20/1	WIREWOLD (CEILING) RM 7208	20
21	RECEPT., COUNTER, RM 7208	20/1	R	1000	B	800	R	20/1	WIREWOLD (CEILING) RM 7208	22
23	RECEPT., COUNTER, RM 7208	20/1	R	1000	C	800	R	20/1	RECEPTACLE (CEILING), RM 7208	24
25	RECEPT., COUNTER, RM 7208	20/1	R	1000	A	800	R	20/1	WIREWOLD (CEILING) RM 7208	26
27	RECEPT., COUNTER, RM 7208	20/1	M	1000	B	800	R	20/1	WIREWOLD (CEILING) RM 7208	28
29	INCUBATOR, RM 7208	20/1	R	1000	C	800	R	20/1	RECEPTACLE (CEILING), RM 7208	30
31	INCUBATOR, RM 7208	20/1	R	1000	A	1200	R	20/2	DISTILLER, RM 7208	32
33	INCUBATOR, RM 7208	20/1	R	1000	B	1200	R	20/1	EF-7-7, RM 7208	34
35	Natural Gas shut off	20/1	R	1000	C	912	R	20/1	HOOD, RM 7208	36
37	RECEPTACLE, 220V 7204	20/1	R	2400	A	500	R	20/1	HOOD, RM 7208	38
39	CENTRIFUGE, RM 7208	30/2	R	2400	B	500	R	20/1	HOOD, RM 7208	40
41	RECEPTACLE, 220V	-	R	2400	C	500	R	20/1	HOOD, RM 7208	42

Type:	Connected	Demand	Ph.
C	Computer	-	A
H	HVAC	-	B
K	Kitchen	-	C
L	Lighting	-	
M	Misc.	1,000	
R	Recept.	34,412	
	Total	35,412	
		23,206	
		=	64 Amps

1
3
5
7
9

10314

#2

#4

#6

#8

5

Panel 7M2
 Bus 100A
 Main M.L.O
 Lugs
 NEMA 1

Panel from DPA
 Voltage 120/208V, 3Ph, 4W
 KAIC 14
 Location ELEC. RM. # 7201
 Mounting SURFACE
 1/19/14

ckt	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	ckt
1	FCU 7-2-1	20/1	H	365	A	109	H	20/1	FCU 7-2-11	2
3	FCU 7-2-2	20/1	H	365	B	365	H	20/1	FCU 7-2-12	4
5	FCU 7-2-3	20/1	H	131	C	365	H	20/1	FCU 7-2-13	6
7	FCU 7-2-4	20/1	H	75	A			20/1	SPARE FCU 7-2-10	8
9	FCU 7-2-5	20/1	H	109	B	289	H	20/1	FCU 7-2-15	10
11	FCU 7-2-6	20/1	H	131	C	299	H	20/1	FCU 7-2-16	12
13	FCU 7-2-7	20/1	H	131	A	205	H	20/1	FCU 7-2-17	14
15	FCU 7-2-8	20/1	H	75	B	109	H	20/1	FCU 7-2-18	16
17	FCU 7-2-9	20/1	H	385	C	131	H	20/1	FCU 7-2-19	18
19	FCU 7-2-10	20/1	H	385	A	109	H	20/1	FCU 7-2-20	20
21	SPARE	20/1			B	205	H	20/1	FCU 7-2-21	22
23	SPARE	20/1			C	900	H	20/1	SPARE	24
25	SPARE	20/1			A	900	H	20/1	SPARE	26
27	SPARE	20/1			B			20/1	SPARE	28
29	SPARE	20/1			C			20/1	SPARE	30
31	SPARE	20/1			A			20/1	SPARE	32
33	SPARE	20/1			B			20/1	SPARE	34
35	SPARE	20/1			C			20/1	SPARE	36
37	SPARE	20/1			A			20/1	SPARE	38
39	SPARE	20/1			B			20/1	SPARE	40
41	SPARE	20/1			C			20/1	SPARE	42

Type:	Connected	Demand	Ph.
C	Computer		A
H	HVAC	6,028	B
K	Kitchen		C
L	Lighting		
M	Misc.		
R	Recept.		
Total	6,028	6,428	18 Amps

21

X

HR #1
 HR #2
 HR #3
 HR #4
 HR #5
 HR #7

HR #2
 HR #4
 HR #6
 HR #8



Panel 7R3A
 Bus 125A
 Main MLO
 Lugs
 NEMA 1

Field from DPB

Voltage 120/208V, 3PH, 4W
 KAIC 14
 Location ~~7315~~ 7315 cleant
 Mounting SURFACE

3rd FLR
 12/9/14

Ckt	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ckt
1	RECEPT. 7302,04,10	20/1	R	1000	A	1000	R	20/1	RECEPT. - 7304,08,12,14	2
3	RECEPT. 7302,04,10	20/1	R	1000	B	1000	R	20/1	RECEPT. 7306,12,14	4
5	RECEPT./PROJECTOR 7302,04,10	20/1	R	1000	C	1000	R	20/1	RECEPT. 7303,08,12,14	6
7	RECEPT. 73/0	20/1	R	1000	A	1000	R	20/1	RECEPT. 7314,18 - corr.	8
9	RECEPT. 73/0 73/0	20/1	R	1000	B	1000	R	20/1	RECEPT. 7303,07	10
11	RECEPT. 73/0 73/0	20/1	R	1000	C	1000	R	20/1	RECEPT./Projector 7303,07	12
13	RACK ITRM 7301,30Amp	30/1	C	1000	A	1000	R	20/1	RECEPT. 7303,07,12,14,18,20	14
15	RECEPT. ITRM .DED	20/1	R	1000	B	1000	R	20/1	RECEPT. 7307,24A,C,D	16
17	RECEPT. ITRM .Gen	20/1	R	1000	C	720	R	20/1	RECEPT. 7326B,C	18
19	RECEPT. CORR	20/1	R	800	A	1600	R	20/1	RECEPT. 7326B,C	20
21	RECEPT. RM 7324	20/1	R	1000	B	600	R	20/1	TEACHERS WORKSTATION RM 7310	22
23	RECEPT. RM	20/1	R	1000	C	600	R	20/1	TEACHERS WORKSTATION RM 7304	24
25	RECEPT. RM	20/1	R	1000	A		R	20/1	SPARE	26
27	RECEPT. RM	20/1	R	1000	B		R	20/1	SPARE	28
29	RECEPT. RM	20/1	R	1000	C		R	20/1	SPARE	30
31	RECEPT. RM	20/1	R	1000	A		R	20/1	PANEL 7R3B	32
33	RECEPT. RM 7320,22	20/1	R	1000	B		R	20/1		34
35	RECEPT. RM	20/1	R	1000	C		R	20/1		36
37	RECEPT. RM	20/1	R	1000	A		R	20/1	DOOR HOLDER	38
39	RECEPT. RM 7324, B,C	20/1	R	1000	B		R	20/1	SPARE	40
41	RECEPT. RM 11, D, E	20/1	R	1000	C		R	20/1	SPARE	42

HVAC control
 Panel - ?

Type:	Connected	Demand	Ph.
C	Computer 1,000	500	A
H	HVAC -	-	B
K	Kitchen -	-	C
L	Lighting -	-	
M	Misc. -	-	
R	Recept. 31,320	20,660	
	Total 32,320	21,160	=
			59 Amps

PLOZ

#1 HR
 #2 HR
 #3 HR
 #4 HR
 #5 HR
 #6 HR
 #7 HR
 #8 HR

3rd FLR

Panel 7R3B
Bus 60A
Main MLO
Lugs
NEMA 1

FDL from 7R3A

Voltage 120/208V, 3PH, 4W
KAIC 14
Location ~~ORR~~ 7315 clean
Mounting FLUSH

130814

Ckt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ckt.
1	RECEPT. 7305, 09A	20/1	R	1000	A	1000	R	20/1	RECEPT. 7309	2
3	RECEPT. 7305, 09A	20/1	R	1000	B	1000	R	20/1	RECEPT.	4
5	RECEPT. 7305	20/1	R	800	C	1000	R	20/1	RECEPT.	6
7		20/1	M	500	A	1000	R	20/1	RECEPT.	8
9	RECEPT. WORK BENCH RM 7305	20/1	R	360	B	1000	R	20/1	RECEPT.	10
11	RECEPT. WORK BENCH RM	20/1	R	360	C	1000	R	20/1	RECEPT.	12
13	RECEPT. WORK BENCH RM	20/1	R	360	A	900	R	20/1	RECEPT. RM	14
15	RECEPT. WORK BENCH RM	20/1	R	360	B	100	R	20/1	RECEPT. DATA. RM	16
17	RECEPT. WORK BENCH RM	20/1	R	360	C		R	20/1	RECEPT. WORK BENCH RM.	18
19	RECEPT. WORK BENCH RM	20/1	R	360	A		R	20/1	RECEPT. WORK BENCH RM.	20
21	RECEPT. WORK BENCH RM	20/1	R	360	B	540	R	20/1	RECEPT. RM 7305	22
23	RECEPT. WORK BENCH RM	20/1	R	360	C	540	R	20/1	RECEPT. RM	24
25	RECEPT. CEILING PROJECTOR	20/1	R	300	A	540	R	20/1	RECEPT. RM	26
27	RECEPT. INST. WK BENCH RM 7305	20/1	R	180	B		R	20/1	SPARE	28
29	RECEPT. INST. WK BENCH RM	20/1	R	180	C		R	20/1	SPARE	30
31	RECEPT. INST. WK BENCH RM	20/1	R	180	A		R	20/1	SPARE	32
33	POOF CEILING	20/1			B			20/1	SPARE	34
35	SPARE	20/1			C			20/1	SPARE	36
37	SPARE	20/1			A			20/1	SPARE	38
39	SPARE	20/1			B			20/1	SPARE	40
41	SPARE	20/1			C			20/1	SPARE	42

Type: C Computer
H HVAC
K Kitchen
L Lighting
M Misc.
R Recept.

Connected Demand
Total 15,640 = 13,070

Ph. A 6140
B 4900
C 4600

36 Amps

PC02

HR #1
HR #2
HR #3
HR #4
HR #5
HR #7

HR #2
HR #4
HR #6
HR #8

Panel TM3
Bus 100A
Main MLO
Lugs
NEMA 1

Feed from DPB

Voltage 120/208V, 3PH, 4W
KAIC 14
Location ~~XXXX~~ 7315 client
Mounting SURFACE

14814

Ckt.	Description	CB	Type	Load	Ph.	Load	Type	CB	Description	Ckt.
1	FCU 7-3.1	20/1	H	385	A	205	H	20/1	FCU 7-3.11	2
3	FCU 7-3.2	20/1	H	385	B	75	H	20/1	FCU 7-3.12	4
5	SPARE	20/1			C	299	H	20/1	FCU 7-3.13	6
7	FCU 7-3.4	20/1	H	205	A	109	H	20/1	FCU 7-3.14	8
9	FCU 7-3.5	20/1	H	205	B	291	H	20/1	FCU 7-3.15	10
11	FCU 7-3.6	20/1	H	205	C	109	H	20/1	FCU 7-3.16	12
13	FCU 7-3.7	20/1	H	75	A	800	H	20/1	FSDS	14
15	FCU 7-3.8	20/1	H	131	B	291	H	20/1	FCU 7-3.18	16
17	FCU 7-3.9	20/1	H	109	C	131	H	20/1	FCU 7-3.19	18
19	FCU 7-3.10	20/1	H	205	A	205	H	20/1	FCU 7-3.20	20
21	EF 7-1	25/3	H	1272	B	1272	H	25/3	EF 7/3	22
23	"	"	H	1272	C	1272	H	"	"	24
25	"	"	H	1272	A	1272	H	"	"	26
27	EF 7-2	20/3	H	792	B	1272	H	25/3	EF 7-4	28*
29	"	"	H	792	C	1272	H	"	"	30
31	"	"	H	792	A	1272	H	"	"	32
33	SPARE	20/1			B	205	H	20/1	FCU 7-3.17	34
35	SPARE	20/1			C			20/1	SPARE	36
37	SPARE	20/1			A			20/1	SPARE	38
39	SPARE	20/1			B			20/1	7315/BMS/Control	40
41	SPARE	20/1			C			20/1	SPARE	42

Type:	Connected	Demand	Ph.
C	Computer	-	A
H	HVAC	18,449	B
K	Kitchen	-	C
L	Lighting	-	
M	Misc.	-	
R	Recept.	-	
	Total	18,449	53 Amps
		19,085	

7201

#1 HR
#2 HR
#3 HR
#4 HR
#5 HR
#6 HR
#7 HR

#8 HR