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EXISTING PANELBOARD "R1" SCHEDULE

VOLTAGE:	208	Y / 120	3 PHASE 4 WIRE			MAIN:	600A MCB			MOUNTING:		
BUS SIZE:	600	AMPS	FAULT DUTY:			SEE RISER			AIC	SURFACE		

CKT NO	DESCRIPTION	LOAD	note	BKR	PHASE A	PHASE B	PHASE C	BKR	note	LOAD	DESCRIPTION	CKT NO
1		3.8			3.8					0.0		2
3	EXITING RTU-2	3.8	1	50/3		3.8		30/3	4	0.0	EXISTING RTU-3 BEING DEMOLISHED	4
5		3.8					3.8			0.0		6
7		2.5			4.5					2.0		8
9	EXITING RTU-1	2.5	1	30/3		4.5		30/3	1	2.0	EXISTING HEATER	10
11		2.5					4.5			2.0		12
13		2.0			2.5					0.5		14
15	EXISTING HEATER	2.0	1	30/3		2.5		20/3	1	0.5	EXISTING "f-1"	16
17		2.0					2.5			0.5		18
19	EXISTING	0.5	1	20/1	2.5					2.0		20
21	EXISTING	0.5	1	20/1		2.5		20/3	1	2.0	EXISTING HEATER	22
23	SPACE	0.0					2.0			2.0		24
25	EXISTING	0.5	1	20/1	1.2			20/1	1	0.7	EXISTING "F-2"	26
27	EXISTING	0.5	1	20/1		1.2		20/1	1	0.7	EXISTING "F-3"	28
29		2.0					2.7	20/1	1	0.7	EXISTING "F-4"	30
31	EXISTING HEATER	2.0	1	30/3	6.2			60/2	2	4.2	WH-1	32
33		2.0				6.2				4.2		34
35	SPACE	0.0	1				0.0			0.0	SPACE	36
37		16.4			35.8					19.4		38
39	RTU-4	16.4	1	150/3		35.4		225/3	1	19.0	PANEL 'R2'	40
41		16.4					35.6			19.2		42
43		16.4			16.4					0.0	NOT A SPACE	44
45	RTU-5	16.4	1	150/3		16.4				0.0	NOT A SPACE	46
47		16.4					16.4			0.0	NOT A SPACE	48
					72.9	72.5	67.5					

				TOTAL BUS KVA			NOTES:	
Lighting:	10.7	x 125% =	13.4	A	B	C	1	EXISTING CIRCUIT TO REMAIN
Recept:	35.3	x nec 220.44	22.7	72.9	72.5	67.5	2	PROVIDE NEW BREAKER
Motors:	3.6	x 100%	3.6	gf	gfci		3	RE-USE EXISTING BREAKER
A/C:	124.9	x 100%	124.9				4	NEW SPARE CREATED, CONFRIM BREAKER IN THE FIELD WITH EQUIPMENT BEING DEMOLISHED
Heating:	30.0	x 100%	30.0	st	shunt trip			
Kitchen:	0.0	x nec 220.56	0.0					
Misc	8.4	x 100%^	8.4	af	arc flash			
Total KVA	212.9	Calc KVA	202.9					
Total Amps	591.6	Calc Amps	563.9					

ELECTRICAL PANELS ARE LOCATED ON THE MAIN LEVEL BELOW THE PRESS BOX AREA IN THE MAIN ELECTRICAL ROOM

PANELBOARD "R2" SCHEDULE

VOLTAGE:	208	Y / 120	3 PHASE 4 WIRE			MAIN:	225A MLO			MOUNTING:		*PROVIDE FEED THRU LUGS
BUS SIZE:	225	AMPS	FAULT DUTY:			SEE RISER			AIC	SURFACE		

CKT NO	DESCRIPTION	LOAD	note	BKR	PHASE A	PHASE B	PHASE C	BKR	note	LOAD	DESCRIPTION	CKT NO
1	STORAGE LTG	1.4	1	20/1	2.4			20/1	1	1.0	COACH OFFICE LTG	2
3	CONCESSSION,RR LTG	1.3	1	20/1		2.3		20/1	1	1.0	TRANING RM REC	4
5	LOCKER LTG	0.8	1	20/1			1.5	20/1	1	0.7	ICE MACHINE	6
7	FACP	0.5	1	20/1	1.5			20/1	1	1.0	LOCKER RM LTG	8
9	DDC	0.5	1	20/1		1.2		20/1	1	0.7	CLASSROOM RECP	10
11	MULTIPURP. REC	1.0	1	20/1			1.7	20/1	1	0.7	DAN FOSS	12
13	RR & STORAGE LTG	1.0	1	20/1	1.7			20/1	1	0.7	CLASSROOM RECP	14
15	MULTIPURP. REC	0.7	1	20/1		1.4		20/1	1	0.7	WATER COOLERS	16
17	LOCKER LTG	1.0	1	20/1			1.7	20/1	1	0.7	SUPPORT ROOM	18
19	CLASS MULT PURP	0.5	1	20/1	1.2			20/1	1	0.7	TRAINING ROOM REC	20
21	CLASS RM RECPT	0.5	1	20/1		1.2		20/1	1	0.7	GENERAL REC	22
23	WASHER	0.7	1	20/1			1.4	20/1	1	0.7	GENERAL RECPT	24
25	WASHER	0.7	1	20/1	1.9			20/1	1	1.2	WHIRLPOOL BATH	26
27	DRYER	1.5	2	30/2		2.2		20/1	1	0.7	CONCESSION	28
29		1.5					2.2	20/1	1	0.7	CONCESSION	30
31	SPACE	0.0			0.7			20/1	1	0.7	CONCESSION	32
33	SPACE	0.0				0.7		20/1	1	0.7	CONCESSION	34
35	SPACE	0.0					0.0	20/1	1	0.0	TEMP POWER	36
37	SPACE	0.0			0.7			20/1	1	0.7	CONCESSION	38
39	EXISTING	0.0	1	60/2		0.0		20/1	1	0.0	TEMP POWER	40
41		0.0					0.0	20/1	1	0.0	TEMP POWER	42
					10.1	9.0	8.3					

				TOTAL BUS KVA			NOTES:	
Lighting:	10.7	x 125% =	13.4	A	B	C	1	EXISTING CIRCUIT TO REMAIN
Recept:	33.3	x nec 220.44	21.7	19.4	18.0	15.3	2	PROVIDE NEW BREAKER
Motors:	0.0	x 100%	0.0	gf	gfci		3	RE-USE EXISTING BREAKER
A/C:	7.6	x 100%	7.6				4	NEW SPARE CREATED, CONFRIM BREAKER IN THE FIELD WITH EQUIPMENT BEING DEMOLISHED
Heating:	6.0	x 100%	6.0	st	shunt trip			
Kitchen:	0.0	x nec 220.56	0.0					
Misc	0.0	x 100%^	0.0	af	arc flash			
Total KVA	57.6	Calc KVA	48.6					
Total Amps	160.0	Calc Amps	135.1					

EXISTING PANELBOARD "R3" SCHEDULE

VOLTAGE:	208	Y / 120	3 PHASE 4 WIRE			MAIN:	225A MLO			MOUNTING:		*FEED FROM PANEL 'R2'
BUS SIZE:	225	AMPS	FAULT DUTY:			SEE RISER			AIC	SURFACE		

CKT NO	DESCRIPTION	LOAD	note	BKR	PHASE A	PHASE B	PHASE C	BKR	note	LOAD	DESCRIPTION	CKT NO
		1.0			2.0				1	1.0		2
3	UH-1	1.0	1	20/3		2.0		20/3		1.0	UH-4	4
5		1.0					2.0			1.0		6
7	PRESS BOX	1.0	1	20/1	2.2			20/1	1	1.2	EXTERIOR LTS	8
9	PRESS BOX	1.0	1	20/1		2.2		20/1	1	1.2	EXTERIOR LTS	10
11	IRRIGATION	0.5	1	20/1			1.0	20/1	1	0.5	EXTERIOR CAN LTG	12
13	ROOF TOP RECPT	0.5	1	20/1	0.8			20/1	3	0.3	PRESS BOX LTG	14
15	CONCESSION	0.7	1	20/1		1.2		20/1	1	0.5	EXTERIOR LTG CTRL	16
17	CONCESSION	0.7	1	20/1			1.7	20/1	1	1.0	CONCESSION	18
19	CONCESSION	0.7	1	20/1	0.7					0.0	SPACE	20
21		0.0				1.0		20/1	1	1.0	SCOREBOARD	22
23	WELL IRRIGATION PUMP	0.0	1	70/3			0.7	20/1	1	0.7	CONCESSION	24
25		0.0			0.7			20/1	1	0.7	CONCESSION	26
27	EXISTING	0.0	1	20/1		0.7		20/1	1	0.7	CONCESSION	28
29	DCU-1	1.9	2	25/2				20/1	2	0.5	PRESS BOX RECPT	30
31		1.9			2.4			20/1	2	0.5	PRESS BOX RECPT	32
33	DCU-1	1.9	2	25/2		2.4		20/1	2	0.5	PRESS BOX RECPT	34
35		1.9						20/1	2	0.5	PRESS BOX RECPT	36
37	SPACE	0.0			0.5			20/1	2	0.5	PRESS BOX RECPT	38
39	SPACE	0.0				0.5		20/1	2	0.5	PRESS BOX RECPT	40
41	SPACE	0.0						20/1	2	0.5	PRESS BOX RECPT	42
					9.3	10.0	5.4					

				TOTAL BUS KVA			NOTES:	
Lighting:	3.2	x 125% =	4.0	A	B	C	1	EXISTING CIRCUIT TO REMAIN
Recept:	13.2	x nec 220.44	11.6	9.3	10.0	5.4	2	PROVIDE NEW BREAKER
Motors:	0.0	x 100%	0.0	gf	gfci		3	RE-USE EXISTING BREAKER
A/C:	7.6	x 100%	7.6				4	NEW SPARE CREATED, CONFRIM BREAKER IN THE FIELD WITH EQUIPMENT BEING DEMOLISHED
Heating:	6.0	x 100%	6.0	st	shunt trip			
Kitchen:	0.0	x nec 220.56	0.0					
Misc:	0.0	x 100%*	0.0	af	arc flash			
Total KVA	30.0	Calc KVA	29.2					
Total Amps	83.4	Calc Amps	81.1					

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12-05-2019

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Sheet Title
ELECTRICAL PANEL SCHEDULES

Sheet No.
E-0.2

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