

ELECTRICAL PANEL SCHEDULE							EXISTING PANEL NO.		CASA1
VOLTS:	208	MAIN CAPACITY:		225 MLO				"A" AMPS =	80
PHASE:	3	MOUNTING:		RECESSED				"B" AMPS =	59.5
WIRE:	SEE RISER	BUSS MATERIAL:		COPPER				"C" AMPS =	63.5
AIR:	SEE RISER	SQUARE D MODEL:		NO					
CKT.	LOCATION/DESC.	BREAKER	AMPS	PH.	AMPS	BREAKER	LOCATION/DESC.	CKT.	
1	CLASSROOM OUTLETS	20-1	6	A	3	20-1	CLASSROOM PROJECTORS	2	
3	CLASSROOM OUTLETS	20-1	4.5	B	4.5	20-1	CLASSROOM OUTLETS	4	
5	CLASSROOM OUTLETS	20-1	4.5	C	1.5	20-1	LAB OUTLETS	6	
7	LAB OUTLETS	20-1	3	A	3	20-1	LAB OUTLETS	8	
9	RESTROOM OUTLETS & DF	20-1	8	B	3	20-1	LAB CORD REEL	10	
11	LAB CORD REEL	20-1	3	C	3	20-1	LAB CORD REEL	12	
13	LAB OUTLETS	20-1	3	A	3	20-1	LAB OUTLETS	14	
15	LAB OUTLETS	20-1	3	B	3	20-1	LAB OUTLETS	16	
17	LAB EQUIPMENT	20-1	10	C	10	20-1	LAB EQUIPMENT	18	
19	LAB EQUIPMENT	20-1	10	A	10	20-1	LAB EQUIPMENT	20	
21	LAB EQUIPMENT	20-1	10	B	10	20-1	LAB EQUIPMENT	22	
23	LAB EQUIPMENT	20-1	10	C	9	20-1	LAB OUTLETS	24	
25	LAB OUTLETS	20-1	4.5	A	4.5	20-1	LAB OUTLETS	26	
27	LAB OUTLETS	20-1	4.5	B	6	20-1	LAB OUTLETS	28	
29	LAB OUTLETS	20-1	1.5	C	11	20-1	CLASSROOM / RESTROOM LTG	30	
31	LAB LIGHTING	20-1	9	A	1	20-1	CIRCULATION PUMP	32	
33	DATA RACK QUAD	20-1	3	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	

NOTE: ELECTRICIAN TO VERIFY ALL EQUIPMENT POWER REQUIREMENTS PRIOR TO ANY EQUIPMENT & BREAKER PURCHASE OR INSTALLATION.

CONTRACTOR SHALL REPLACE ALL BREAKERS IN EXISTING PANELS WITH NEW AS INDICATED

ELECTRICAL PANEL SCHEDULE							EXISTING PANEL NO.		CASA2
VOLTS:	208	MAIN CAPACITY:		225 MLO				"A" AMPS =	128
PHASE:	3	MOUNTING:		RECESSED				"B" AMPS =	118
WIRE:	SEE RISER	BUSS MATERIAL:		COPPER				"C" AMPS =	133
AIR:	SEE RISER	SQUARE D MODEL:		NO					
CKT.	LOCATION/DESC.	BREAKER	AMPS	PH.	AMPS	BREAKER	LOCATION/DESC.	CKT.	
1	FC-1 & FC-2	15-2	2	A	33	50-3	ROOFTOP UNIT (RTU-1)	2	
3	\	\	2	B	33	\	\	4	
5	HP-1	30-2	18	C	33	\	\	6	
7	\	\	18	A	25	50-3	DUST COLLECTOR (DC-1)	8	
9	MAKE-UP AIR UNIT (MAU-1)	60-3	47	B	25	\	\	10	
11	\	\	47	C	25	\	\	12	
13	\	\	47	A	3	20-1	ELECTRIC STRIKES	14	
15	ENERGY RECOVERY UNIT (ERU-1)	20-1	1	B	10	20-2	WATER HEATER (WH-1)	16	
17	SPARE	20-1		C	10	\	\	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	

NOTE: ELECTRICIAN TO VERIFY ALL EQUIPMENT POWER REQUIREMENTS PRIOR TO ANY EQUIPMENT & BREAKER PURCHASE OR INSTALLATION.

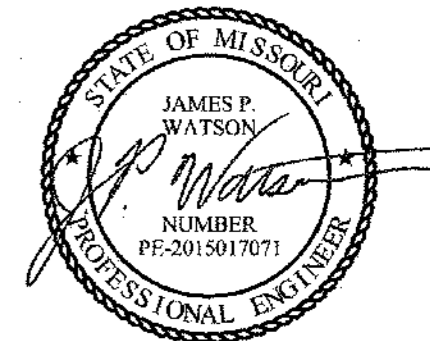


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June 18, 2018

JAMES WATSON, P.E. PE-2015017071
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 TO OFFER ENGINEERING SERVICES
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Checked:	PWA Project Number:
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No.	Revisions	Date
	PERMIT SET	06-18-2018

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