

Panel: ELA																																												
Location: MECH/ELEC. 109					Volts: 120/208 Wye					A.I.C. Rating: 10,000					Mains Type: MCB					Mains Rating: 100 A																								
Mounting: Surface					Phases: 3																																							
Enclosure: Type 1					Wires: 4																																							
Sections: 1																																												
DEVICE		BRANCH CIRCUIT					PHASE LOAD (KVA)					BRANCH CIRCUIT					DEVICE																											
Notes	Pole	Trip (A)	Circuit Description	Conductors	Conduit t	No.	A	B	C	No.	Conduit t	Conductors	Circuit Description	Trip (A)	Pole	Notes																												
	1	20	LIGHTING	#12,#12G	3/4"	1	1.3	2.4		2	1/2"	#12,#12G	MDF UPS	20	1																													
	1	20	LIGHTING	#8,#8G	1/2"	3		0.6	0.4	4	1/2"	#12,#12G	MDF RECEPTACLE	20	1																													
	1	20	CHIEF OFFICE CONV. ...	#10,#10G	1/2"	5			0.7	0.4	6	1/2"	#12,#12G	MDF RECEPTACLE	20	1																												
	1	20	MAJOR OFFICE CONV. ...	#10,#10G	1/2"	7	0.7	0.7			8	1/2"	#12,#12G	CONV. REC.-CLASSRM	20	1																												
	1	20	OFFICE COMPUTER RECEPTACLE	#10,#10G	1/2"	9		0.7	0.4		10	3/4"	#12,#12G	CONV. REC.-CLASSRM	20	1																												
	1	20	EMER RADIO RECEPTACLE	#12,#12G	1/2"	11			0.4	0.5	12	3/4"	#12,#12G	COMPUTER REC.- CLASSRM	20	1																												
	1	20	LIGHTING - EXTERIOR	#8,#8G	3/4"	13	1.3	0.2			14	1/2"	#12,#12G	GFI RECEPTACLE-CLASSRM	20	1																												
	1	20	FAP	#12,#12G	1/2"	15		0.5	1.2		16	1/2"	#12,#12G	REFRIGERATOR	20	1																												
	1	20	COMPUTER REC.- CLASSRM	#12,#12G	1/2"	17			0.5	0.4	18	1/2"	#12,#12G	MONITOR RECEPTACLE	20	1																												
	1	20	GFI RECEPTACLE- CLASSRM	#12,#12G	1/2"	19	0.2	0			20	1- 1/4"	#4,#10G	TVSS	60	1																												
	1	20	MONITOR RECEPTACLE	#12,#12G	1/2"	21		0.4	0		22			SPARE	20	1																												
	1	20	MONITOR RECEPTACLE	#12,#12G	1/2"	23			0.4	0	24			SPARE	20	1																												
	1	20	MONITOR RECEPTACLE	#12,#12G	1/2"	25	0.4	0			26			SPARE	20	1																												
	1	20	SPARE			27		0	0		28			SPARE	20	1																												
	1	20	SPARE			29				0	30																																	
	1	20	SPARE			31	0	--			32			SPACE	--	1																												
	1	20	SPARE			33			0	--	34			SPACE	--	1																												
	1	20	SPARE			35				0	--	36			SPACE	--	1																											
	1	--	SPACE			37	--	--			38			SPACE	--	1																												
	1	--	SPACE			39		--	--		40			SPACE	--	1																												
	1	--	SPACE			41			--	--	42			SPACE	--	1																												
					Total Load:					7095.02 VA					4131.65 VA					3240 VA																								
					Total Amps:					60.27 A					35.57 A					27 A																								
					Panel Totals										Total Amps: 40.14 A																													
Notes:																																												
1. PAINT BREAKER RED AND LOCK IN "ON" POSITION PER NEC.																																												

Light Fixture Schedule									
MARK	LAMPS	VOLTAGE	MANUFACTURER	MODEL NO.		DESCRIPTION			NOTES
A	LED	MVOLT	ACUTY BRANDS LIGHTING	2BLT4 72L ADP LP840		BLT 2X4 7200 LUMEN CURVED LINEAR PRISMATIC LENS 4000K CCT. RECESSED			
B	LED	MVOLT	ACUTY BRANDS LIGHTING	2BLT4 60L ADP LP840		BLT 2X4 6000 LUMEN CURVED LINEAR PRISMATIC LENS 4000K CCT. RECESSED			
C	LED	MVOLT	ACUTY BRANDS LIGHTING	2BLT4 48L ADP LP840		BLT 2X4 4800 LUMEN CURVED LINEAR PRISMATIC LENS 4000 CCT. RECESSED			
D	LED	MVOLT	ACUTY BRANDS LIGHTING	EVO 40/30 6AR MVD LSS MVOLT		6" LED DOWNLIGHT			
E	LED	MVOLT	ACUTY BRANDS LIGHTING	2BLT2 40L ADP LP840		BLT 2X2 4000 LUMEN CURVED LINEAR PRISMATIC LENS 4000K CCT			
E1	LED	MVOLT	ACUTY BRANDS LIGHTING	2BLT2 33L ADP LP840		BLT 2X2 3300 NOMINAL LUMENS CURVED LINEAR PRISMATIC LENS 4000K CCT			
F	LED	MVOLT	ACUTY BRANDS LIGHTING	CLX L48 4000LM SEP FOL MVOLT 40K 80CRI		CLX LED LINEAR 48 4000 LUMEN STANDARD EFFICIENCY			
G	LED	MVOLT	ACUTY BRANDS LIGHTING	WDG63 LED P2 40K 70CRI R4		LED TRAPAZOIDAL WALL PACK			
H	LED		ACUTY BRANDS LIGHTING	LEP W1R SW09		SURFACE MOUNT "IN USE" SIGN			
X1	LED	MVOLT	ACUTY BRANDS LIGHTING	LES W1R ELN		CAST ALUMINUM, STENCIL FACE, LED SINGE FACE EXIT WITH CHEVRON ARROWS, UNIVERSAL MOUNT			
X2	LED	MVOLT	ACUTY BRANDS LIGHTING	LES W2R ELN		CAST ALUMINUM, STENCIL FACE, LED SINGE FACE EXIT WITH CHEVRON ARROWS, UNIVERSAL MOUNT			
NOTES: GENERAL: EQUALS BY HE WILLIAMS. CURRENT, COOPER. GENERAL: CONFIRM MOUNTING HEIGHTS AND HARDWARE WITH ARCHITECTURAL REFLECTED CEILING PLAN PRIOR TO LIGHT FIXTURE PROCUEMENT. GENERAL: ARCHITECT SHALL SELECT FIXTURE FINISHES.									

Panel: MDP																								
Location: MECH/ELEC. 109					Volts: 208Y/120 Vac					A.I.C. Rating: 22,000A					Mains Type: MCB					Mains Rating: 400 A				
Mounting: Surface					Phases: 3																			
Enclosure: Type 1					Wires: 4																			
Sections: 2																								
DEVICE		BRANCH CIRCUIT					PHASE LOAD (KVA)					BRANCH CIRCUIT					DEVICE							
Notes	Pole	Trip (A)	Circuit Description	Conductors	Conduit t	No.	A	B	C	No.	Conduit t	Conductors	Circuit Description	Trip (A)	Pole	Notes								
	1	20	LIGHTING	#12, #12G	1/2"	1	1.2	0.5		2	1/2"	#12, #12G	CONV. RECEPTACLE	20	1									
	1	20	CONV. RECEPTACLE	#12, #12G	1/2"	3		0.5	0.4	4	1/2"	#12, #12G	CONV. RECEPTACLE	20	1									
	1	20	GFI RECEPTACLE	#12, #12G	1/2"	5			0.4	0.2	6	1/2"	#12, #12G	CONV. RECEPTACLE	20	1								
	1	20	GFI RECEPTACLE	#12, #12G	1/2"	7	0.5	0.5			8	1/2"	#12, #12G	CONV. RECEPTACLE	20	1								
	1	20	CONV. RECEPTACLE	#12, #12G	1/2"	9		0.7	0.4		10	1/2"	#12, #12G	CONV. RECEPTACLE	20	1								
	1	20	COMPUTER OUTLET	#12, #12G	1/2"	11			0.7	0.5	12	1/2"	#12, #12G	CONV. RECEPTACLE	20	1								
	1	20	COMPUTER OUTLET	#12, #12G	1/2"	13	0.7	0.3			14	1/2"	#12, #12G	EF-1, EF-2, EF-3, EF-4	20	1								
	1	20	COMPUTER OUTLET	#12, #12G	1/2"	15		0.7	1.7		16	1/2"	#12, #12G	DFCU-1 AND DOU-1	20	2								
	3	45	RTAC-1	#6,#10G	1"	17			3.8	1.7	18			--	--	--								
--	--	--	--			19	3.8	1.2			20	1/2"	#10,#10G	RTAC-2	25	3								
--	--	--	--			21		3.8	1.2		22			--	--	--								
2	35		DFCU-5 AND DOU-5	#8,#10G	3/4"	23	2.5	2.1	1		24			--	--	--								
--	--	--	--			25	2.1	1			26	1/2"	#12, #12G	EVH-1	20	1								
3	200		LB	#3/0,#6G	2"	27		17.8	7.1		28	1 1/4"	#2,#8G	ELA	100	3								
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	1	20	RP-1	#12,#12G	1/2"	33		0.2	0.5		34	1/2"	#12, #12G	DDC PANEL	20	1								
	2	30	WH-1	#10,#10G	1/2"	35			0	0	36	1 -1/4"	#4,#10G	TVSS	60	3								
--	--	--	--			37	0	0			38			--	--	--								
	1	20	SPARE			39		0	0		40			--	--	--								
	1	20	SPARE			41			0	0	42			SPARE	20	1								
	1	20	SPARE			43	0	0			44			SPARE	20	1								
	1	20	SPARE			45		0	0		46			SPARE	20	1								
	1	20	SPARE			47			0	0	48			SPARE	20	1								
Total Load:							31392.43 VA		35096.94 VA				32756.18 VA											
Total Amps:							261.6 A		293.47 A				274.72 A											
Panel Totals																								
Total Amps: 275 A																								
Notes:																								