



PANEL: "4L2"			VOLTS: 480/277			PHASE: 3			WIRE: 4			AIC RATING: 14,000			
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA 1			MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH			AMPERE: 1			MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY			
<input checked="" type="checkbox"/> NEUTRAL BUS		<input checked="" type="checkbox"/> GROUND BUS		<input type="checkbox"/> ISOLATED GROUND BUS				NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE BKR	CKT	LOAD - KVA						CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
					Ø A		Ø B		Ø C						
LIGHTING - LIBRARY		12	1/20	1	1.3	0.8					2	1/20	12	LIGHTING - CORRIDOR	
- LIBRARY				3			0.4	0.2			4			- RESTROOM	
- TECH LOUNGE				5					0.4	0.2	6			- FACULTY LOUNGE	
- COUNSELING				7	0.9	0.5					8			- TESTING	
- NURSING, MEETING RMs				9			0.2	0.7			10			- TUTORING CENTER	
- ELEC, IT, MECH				11					0.2	0.2	12			- TUTORING (EXTERIOR)	
SPARE				13		1.0					14			- LTG. CONT. CAB. "LCC-L2"	
				15							16		SPARE		
				17							18				
				19	2.8						20				
PANEL "4L3"		1	1	21		3.1					22		PFB		
				23				3.0			24				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø:		CONNECTED KVA:		7.8		4.7		REMARKS:		SEE ONE LINE DIAGRAM FOR SIZE			
						16.5 KVA									
						33.4 KVA		I = 44.1A							
													PROVIDE BRANCH CIRCUIT SUBMETERING		

PANEL: "2TES"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000		
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA <u>1</u>			MTG: <input type="checkbox"/> SURF. <input checked="" type="checkbox"/> FLUSH			AMPERE: <input checked="" type="checkbox"/>			MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY		
<input checked="" type="checkbox"/> NEUTRAL BUS			<input checked="" type="checkbox"/> GROUND BUS			<input type="checkbox"/> ISOLATED GROUND BUS			NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE BKR	CKT	LOAD - KVA						CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION
					Ø A		Ø B		Ø C					
RECEPS - TESTING		12	1/20	1	1.1	1.1					2	1/20	12	RECEPS - TESTING
- TESTING				3							4			- TESTING
- TESTING				5			1.1	0.8						- TESTING
- TESTING				7	1.1	-			1.1	0.8				- TESTING
- TESTING				9			0.8	-						- SPARE
- TESTING				11										
SPARE				13										
PFBS 				15										PFBS 
				17										
				19										
AHU 2-3		12	2/20	21			0.6	2.1						
				23					0.6	2.1			10	ACCU 2-3
													</	




PANEL: "2TR2"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: -		
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA 1			MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH			AMPERE: <input checked="" type="checkbox"/>			MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY		
<input checked="" type="checkbox"/> NEUTRAL BUS			<input checked="" type="checkbox"/> GROUND BUS			<input type="checkbox"/> ISOLATED GROUND BUS			NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE/BKR	CKT	LOAD - KVA						CKT NO.	POLE/BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION
					Ø A		Ø B		Ø C					
TELECOM CABINET		12	1/20	1	1.0	0.4					2	1/20	12	RECEPS - IT CLOSET
RECEP - ESS				3			1.0	0.6			4			↑ - IT CLOSET
- CCTV				5					1.0		6		-	SPARE
↑ - PA SYSTEM				7	1.3	-					8			
SPARE				9							10			
				11							12			
↓				13							14			
TELECOM CABINET		10	2/30	15			0.5	-			16	2/30		SPARE
				17					0.5	-	18		↓	
				19	-	-					20			
SPARE		-	3/20	21			-	-			22	3/30	<input checked="" type="checkbox"/>	SPD
				23							24			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		2.7		2.1		1.5		REMARKS: <input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.				
				6.3 KVA										
				5.1 KVA		I = 15.5A								
		CALCULATED LOAD:												

PANEL: "2RG2"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000			
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA 1			MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH			AMPERE: $\nabla$			MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY			
<input checked="" type="checkbox"/> NEUTRAL BUS			<input checked="" type="checkbox"/> GROUND BUS			<input type="checkbox"/> ISOLATED GROUND BUS			NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO						
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE / BKR	CKT	LOAD - KVA						CKT NO.	POLE / BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
RECEPS - OFFICE 202D		12	1/20	1	0.8	1.5					2	1/20	12	RECEPS - DSS 203C	
- TECH LOUNGE				3			0.8	0.4			4			- OFFICE 203F	
- OFFICE 203E				5					0.4	0.4	6			- OFFICE 203G	
- MECH. 211				7	1.1						8			- COUNSELING 203	
- ELEC. 115				9			0.8	0.4			10			- LIBRARY 202 $\nabla$	
SPARE				11										SPARE	
				13	-	-					14				
				15							16				
				17							18				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: 4.5			CONNECTED KVA: 7.7 KVA			CALCULATED LOAD: 3.0 KVA			REMARKS: $\nabla$ SEE ONE LINE DIAGRAM FOR SIZE.				
								I = 9.2A							

PANEL: "2SCN3"		VOLTS: 208/120		PHASE: 3		WIRE: 4		AIC RATING: 10,000			
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET		ENCL. TYPE: NEMA 1		MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH		AMPERE: <input checked="" type="checkbox"/>		MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY			
<input checked="" type="checkbox"/> NEUTRAL BUS		<input checked="" type="checkbox"/> GROUND BUS		<input type="checkbox"/> ISOLATED GROUND BUS		NEUTRAL BUS GND. BONDING:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE / BKR	CKT	LOAD - KVA			CKT NO.	POLE / BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION
		12	1/20	1	0.9	1.7		2	1/20	8	RECEPS - EXTERIOR
RECEPS - CORRIDOR 314A				3			1.7	0.9		4	- EXTERIOR
- CORRIDOR 314		10		5					6	8	- EXTERIOR
- CORRIDOR 314				7	0.9	1.5		0.9	1.5	8	- EXTERIOR
- CHAIRS & TABLE STORAGE		12		9			0.8	1.7		10	- EXTERIOR
- WOMEN'S & JAN				11					12	12	- CORRIDOR
- MEN'S & UNISEX				13				0.8	0.9	12	- CORRIDOR 314C
- WALL MOUNTED FAN		10		15	1.0	0.9				14	- CORRIDOR
- WALL MOUNTED FAN				17			1.0	1.5		16	- ROOF
BUILDING SIGNAGE LOGO				19	1.0	1.1		1.0	1.1	18	- ROOF
				21			0.9	1.0		20	- EXTERIOR
RECEPS - EXTERIOR		8		23						22	ELEV CAB LIGHT
ELECTRIC HAND DRYER(MEN'S RM)		12		25	1.0			1.0		24	ELEV CAR AC
ELECTRIC HAND DRYER(WOMEN'S RM)				27						26	SPARE
SPARE				29						28	
				31						30	
				33						32	
PFB		-	-	35						34	PFB
				37						36	
				39	5.5	6.1				38	
PANEL "2MPE"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	41			7.7	6.9		40	PANEL "2OSAL"
				43						42	
				45	21.6		24.1				
				47	65.0	KVA					
				49	22.7	KVA	I =	69.4	A		
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		REMARKS: <input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.							
		CALCULATED LOAD:		<input checked="" type="checkbox"/> COORDINATE LOCATION WITH ARCHITECT.							

PANEL: "2MPE"		VOLTS: 208/120		PHASE: 3		WIRE: 4		AIC RATING: 10,000			
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET		ENCL. TYPE: NEMA 1		MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH		AMPERE: <input checked="" type="checkbox"/>		MAINS: <input type="checkbox"/> BREAKER <input checked="" type="checkbox"/> LUGS ONLY			
<input checked="" type="checkbox"/> NEUTRAL BUS		<input checked="" type="checkbox"/> GROUND BUS		<input type="checkbox"/> ISOLATED GROUND BUS		NEUTRAL BUS GND. BONDING:		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE BKR	CKT	LOAD - KVA			CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION
RECEPS - MOTORIZED PROJECTOR		10	1/20	1	1.0	0.9		2	1/20	12	RECEPS - ROOM 2
- MULTI-PURPOSE EVENT RM				3			1.3	4			- ROOM 3
- STAGE				5			1.8	6			- MEDIA STORAGE
- STAGE FLOOR MTD				7	1.1	0.9		8		10	- BOR
- OFFICE 311C				9		1.4	1.3	10			- BOR
- BOR				11			0.6	11			- BOR
- BOR (CREDEZA)				13	1.0	0.6		14			- BOR PANTRY
MOTORIZED POWER SHADE				15		1.0	1.5	16			- BOR PANTRY
SPARE				17			1.2	18			- REFRIGERATOR
				19	-	-		20			SPARE
				21				22			
				23				24			
				25	-	-		26			
SPARE			3/20	27	-	-		28			SPARE
				29				30			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: 5.5		CONNECTED KVA: 19.0 KVA		CALCULATED LOAD: 7.1 KVA		I = 21.72A		REMARKS:	
										① SEE ONE LINE DIAGRAM FOR SIZE.	
										② PROVIDE GFCI TYPE CIRCUIT BREAKER.	

PANEL: "2OSAL"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000					
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA 1			MTG: <input type="checkbox"/> SURF. <input checked="" type="checkbox"/> FLUSH			AMPERE: ①			MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY					
<input checked="" type="checkbox"/> NEUTRAL BUS			<input checked="" type="checkbox"/> GROUND BUS			<input type="checkbox"/> ISOLATED GROUND BUS			NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
BRANCH CIRCUIT DESCRIPTION			WIRE SIZE	POLE BKR	CKT	LOAD - KVA						CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION		
RECEPS - OSAL 302A			12	1/20	1	1.5	1.1	1.1	1.5	0.9	1.7	2	1/20	12	RECEPS - MULTI-PURPOSE RM 302B		
- OSAL 302A					3								4		- MULTI-PURPOSE RM 302B		
- OSAL 302A					5								6		- MULTI-PURPOSE RM 302B		
- PANTRY					7								8		- STUDENT LOUNGE		
- REFRIGERATOR ②					9								10		- STUDENT LOUNGE		
- MEETING RM 302E					11								12		- STUDENT LOUNGE		
- MEETING RM 302E					13	0.8	1.0						14		- CREDENZA		
- OSAL 302A					15								16		- MULTI-PURPOSE RM 302B		
SPARE					17								18		SPARE		
					19								20				
					21								22				
					23								24				
					19								20				
					21								22				
SPARE				2/20	21							2/20		SPARE			
					23								24				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."			TOTAL KVA/Ø: 6.1			CONNECTED KVA: 18.3 KVA			CALCULATED LOAD: 2.0 KVA			I = 6.2 A			REMARKS: ① SEE ONE LINE DIAGRAM FOR SIZE. ② PROVIDE GFCI TYPE CIRCUIT BREAKER.		

PANEL: "4MN3"		VOLTS: 480/277		PHASE: 3		WIRE: 4		AIC RATING: 18,000 							
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET		ENCL. TYPE: NEMA 1		MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH		AMPERE: 		MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY							
<input checked="" type="checkbox"/> NEUTRAL BUS		<input checked="" type="checkbox"/> GROUND BUS		<input type="checkbox"/> ISOLATED GROUND BUS		NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO									
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE BKR	CKT	LOAD - KVA						CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
					Ø A		Ø B		Ø C						
SPARE		-	3/20	1	-	-	-	-	-	-	2	3/20	-	SPARE	
				3	-	-	-	-	-	-	4				
				5	-	-	-	-	-	-	6				
				7	-	-	-	-	-	-	8				
				9	-	-	-	-	-	-	10				
				11	-	-	-	-	-	-	12				
				13	-	13.5	-	-	-	-	14				
				15	-	-	13.5	-	-	-	16				
				17	-	-	-	13.5	-	-	18				
				19	23.7	23.6	-	-	-	-	20				
PCU-3		1	3/150	21	-	-	-	-	-	22	3/150	1	PCU-4		
				23	-	-	-	-	-	24					
				25	-	-	-	-	-	23.7				23.6	26
				27	-	-	-	-	-	-				-	28
PFB		-	-	29	-	-	-	-	-	30	-	-	PFB		
				30	-	-	-	-	-	-				-	-
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "...				TOTAL KVA/Ø:		60.8		60.8		60.8		REMARKS:  SEE ONE LINE DIAGRAM FOR SIZE.			
				CONNECTED KVA:		182.4 KVA		182.4 KVA							
				CALCULATED LOAD:		132.5 KVA		I = 159.4A							

PANEL: "2MN3"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000			
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA 1			MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH			AMPERE: <input checked="" type="checkbox"/>			MAINS: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS ONLY			
<input checked="" type="checkbox"/> NEUTRAL BUS		<input checked="" type="checkbox"/> GROUND BUS		<input type="checkbox"/> ISOLATED GROUND BUS				NEUTRAL BUS GND. BONDING: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO							
BRANCH CIRCUIT DESCRIPTION		WIRE SIZE	POLE/BKR	CKT	LOAD - KVA						CKT NO.	POLE/BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
					Ø A		Ø B		Ø C						
VAV'S		12	1/20	1	0.6	-	-	-	-	-	2	1/20	-	-	SPARE
EF-1				3			0.7	-	-	-	4				
EF-2				5					0.7	-	6				
HWRP-1				7	0.5	-					8				
SPARE				9							10				
				11							12				
				13	-	-					14				
PVWH-1		10	2/30	15			2.3	2.3			16	2/30	10		PVWH-1
				17					2.3	2.3	18				
				19	-	-					20				
PFB		-	-	21			-	-			22	-	-		PFB
				23					-	-	24				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		1.1		5.3		5.3		REMARKS: ⬠ SEE ONE LINE DIAGRAM FOR SIZE.					
				11.3 KVA											
				12.3 KVA		I = 34.1 A									
		CALCULATED LOAD:													

REVISIONS		
No.	Description	Date
1	ADDENDUM 1	12/6/22

Architecture  
Planning  
Interior Design

**EMCE**  
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