

PANEL: "2SCG"		VOLTS: 208/120		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: <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 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		-	1/20	1	-	-	-	2	1/20	-	SPARE
				3				4			
				5				6			
				7				8			
PANEL "2LC"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9		3.1	-	10	2/20		
				11				12			
				13				14			
SPARE		-	3/50	15				16	3/50	-	SPARE
				17				18			
				19	0.6	2.7		20			
PANEL "2MG1"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	21		0.6	2.1	22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PANEL "2TR1"
				23				24			
				25	1.2	2.7		26			
PANEL "2K1TG"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	27		0.0	2.1	28	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PANEL "2TR2"
				29				30			
				31	3.3	2.7		32			
PANEL "2TES"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	33		5.4	2.1	34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	PANEL "2TR3"
				35				36			
				37	13.2	-		38			
PANEL "2RG1"		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	39		9.3	-	40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SPD
				41				42			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		26.4		26.8		18.3		REMARKS: <input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.	
				71.5 KVA							
				59.3 KVA		I= 164.6 A					
		CALCULATED LOAD:									

PANEL: "2TR1"			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			
TELECOM CABINET		12	1/20	1	Ø A Ø B Ø C			2	1/20	12	RECEPS - IT CLOSET			
RECEP - ESS				3	1.0	0.4	1.0	0.6	4			- IT CLOSET		
- CCTV				5					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= 15.5 A						
				CALCULATED LOAD:										

PANEL: "2CNS"			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: ∇			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
					\varnothing A		\varnothing B		\varnothing C					
RECEPS - OFFICE 203E		12	1/20	1	0.8	1.3					2	1/20	12	RECEPS - COUNSELING 203
- COUNSELING 203				3			0.8	1.5			4			- COUNSELING 203
- COUNSELING 203				5							6			- OFFICE 203F
- STORAGE 2030				7	0.6	0.9				1.7	0.9			- OFFICE 203G
- DSS 203C				9			0.8	0.9						
SPARE				11										SPARE
				13	-	-								
				15			-	-						
				17						-	-			
				19	-	-								
				21			-	-						
				23						-	-			
PFB				25			-	-						PFB
				27										
				29						-	-			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ____"		TOTAL KVA/Ø: CONNECTED KVA:		3.6		4.0		2.6		REMARKS: ∇ SEE ONE LINE DIAGRAM FOR SIZE.				
				10.1 KVA										
				1.6 KVA		I = 4.9A								
		CALCULATED LOAD:												

PANEL: "2K1TG"			VOLTS: 480/277			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 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	
RECEP. - REFRIGERATOR <input checked="" type="checkbox"/>			12	1/20	1	1.2	→	→	→	→	→	→	2	-	-	SPARE
SPARE			-		3							4				
					5							6				
					7							8				
					9							10				
					11							12				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ---"			TOTAL KVA/Ø: CONNECTED KVA:			1.2						REMARKS:				
			CALCULATED LOAD:			1.2 KVA						<input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.				
						1.2 KVA						<input checked="" type="checkbox"/> COORDINATE LOCATION WITH USER.				
						I = 3.7 A						<input checked="" type="checkbox"/> PROVIDE GFCI CIRCUIT BREAKER.				

PANEL: "2MG1"		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 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	0.2	-	-	-	-	2	1/20	-	SPARE	
↓		↓	↓	3	-	-	0.2	-	-	4	↓	↓	↓	
SPARE		-	↓	5	-	-	-	-	-	6	↓	↓	↓	
FCU 3-1		12	2/15	7	0.1	0.1	-	-	-	8	2/15	12	FCU 3-2	
FCU 1-1		12	2/15	9	-	-	0.1	0.1	-	10	2/15	12	FCU 2-1	
FCU 1-2		12	2/15	11	-	-	-	-	0.1	12	2/15	12	FCU 2-2	
↓		↓	↓	13	0.1	0.1	-	-	-	14	↓	↓	↓	
↓		↓	↓	15	-	-	0.1	0.1	-	16	↓	↓	↓	
↓		↓	↓	17	-	-	-	-	0.1	18	2/15	12	FCU 2-2	
↓		↓	↓	19	-	-	-	-	-	20	↓	↓	↓	
SPARE		-	3/20	21	-	-	-	-	-	22	3/20	-	SPARE	
↓		↓	↓	23	-	-	-	-	-	24	↓	↓	↓	
↓		↓	↓	25	-	-	-	-	-	26	↓	↓	↓	
↓		↓	↓	27	-	-	-	-	-	28	3/30	<input checked="" type="checkbox"/>	SPD	
↓		↓	↓	29	-	-	-	-	-	30	↓	↓	↓	
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		0.6		0.6		0.4		REMARKS: <input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.				
				1.6 KVA										
				0.8 KVA		I = 2.2 A								
		CALCULATED LOAD:												

PANEL: "2TUR"		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: <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 - TUTORING CENTER		12	1/20	1	1.3	1.3					2	1/20	12	RECEPS - TUTORING CENTER
- TUTORING CENTER				3			0.9	1.1			4			- TUTORING CENTER
- TUTORING CENTER				5					1.1	0.6	6			- STORAGE 228
- TUTORING CENTER				7	1.3	0.8					8			- TUTORING CENTER
MOTORIZED ROLLER SHADE				9			1.0	-			10			SPARE
SPARE		-		11				-	-		12			
				13	-	-					14			
				15			-				16			
				17							18			
				19	-	-					20			
				21			-	-			22	2/20		
				23							24			
PFB		-	-	25							26			
				27			-	-			28	-	-	PFB
				29					-	-	30			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		4.7		3.0		1.7		REMARKS: ⚡ SEE ONE LINE DIAGRAM FOR SIZE.				
				9.4 KVA										
				2.3 KVA		I = 6.9A								
		CALCULATED LOAD:												

PANEL: "2RG1"			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 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	
				10	1/20	1	Ø A		Ø B		Ø C		2	1/20	12		
RECEPS - ARCHIVES 107						1	1.5	0.8					4			RECEPS - BOOKSTORE 106	
- STUDENT LOUNGE 01				12		3		1.1	0.8			6				- FINANCIAL AID 104	
- FINANCIAL AID (PRINTER)						5					1.0	1.5	6			- FINANCIAL AID 104	
- FINANCIAL AID (PRINTER)						7	1.0	0.4					8			- CASHIER 104e	
- OFFICE (104b)						9		0.4	1.1				10			- OFFICE AD & REC 103	
- OFFICE AD & REC (PRINTER)				10		11					1.0	0.8	12		8	- OFFICE AD & REC 103	
- OFFICE AD & REC (PRINTER)						13	1.0	0.4					14		10	- CAREER CENTER 102	
- MECH 114						15		0.9	1.0				16			- ATM	
- ELEC 115				12		17				0.8	1.0	18				- ATM	
- OFFICE 103c				12		19	0.4	1.0					20			- DDC	
SPARE						21		-	-				22			SPARE	
						23				-	-		24				
						25	-	-					26				
						27			-	-			28				
						29					-	-	30				
						31	-	-					32				
						33							34				
						35							36				
						37	4.5	2.2			-	-	38				
PANEL "2RG2"						39		2.4	1.6				40			PANEL "2RG3"	
						41				0.8	0.9		42				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."				TOTAL KVA/Ø: CONNECTED KVA: CALCULATED LOAD:		13.2 9.3 7.8						REMARKS: <input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.					
						30.3 KVA											
						17.3 KVA I = 52.71 A											

PANEL: "2SCN2"			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 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
RECEPS - EXTERIOR (E)		10	1/20	1	Ø A		Ø B		Ø C		2	1/20	12	RECEPS - CORRIDOR
- TECH LOUNGE		↓		3	0.4	0.9	1.1	1.5			4		10	- TECH LOUNGE
- MEETING RM. 5		12		5					1.5	0.6	6			- TECH LOUNGE
- NURSE/LAC RM				7	0.6	1.5					8			- TECH LOUNGE
- WOMEN'S & JAN				9			0.8	1.0			10			- FACULTY LOUNGE 219
- MEN'S & UNISEX				11					0.8	1.0	12	↓		- REFRIGERATOR
- NURSE/LAC RM				13	0.5	1.5					14	10		- FACULTY LOUNGE 219
- NURSE/LAC RM		↓		15			0.5	1.1			16	12		- CORRIDOR
- EXTERIOR (W)		10		17					0.8	1.1	18			- CORRIDOR
BUILDING SIGNAGE LOGO		↓		19	1.0	1.7					20	↓		- CORRIDOR (ELEV. LOBBY)
ELECTRIC HAND DRYER(MENS RM) ②		12		21			1.0	1.3			22	10		- CORRIDOR
ELECTRIC HAND DRYER(WOMENS RM) ②				23					1.0	1.5	24	↓	↓	- CORRIDOR
SPARE		-		25	-	-					26	-		SPARE
				27							28			
				29							30			
				31	-	-					32			
				33			-				34			
				35					-		36	↓	↓	
				37	3.6	4.7					38			
PANEL "2CNS"		①	①	39			4.0	3.0			40	①	①	PANEL "2TUR"
				41					2.6	1.7	42			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ="		TOTAL KVA/Ø: CONNECTED KVA: 16.4 42.3 KVA			10.4 KVA			I = 31.9 A			REMARKS: ① SEE ONE LINE DIAGRAM FOR SIZE. ② COORDINATE LOCATION WITH ARCHITECT.			

PANEL: "4MG2"		VOLTS: 480/277		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: ∇		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	
					\varnothing A		\varnothing B		\varnothing C						
SPARE		-	3/20	1	-	-	-	-	-	-	2	3/20	-	SPARE	
				3	-	-	-	-	-	4					
				5	-	-	-	-	-	6					
				7	-	1.2	-	-	-	8					
				9	-	-	1.2	-	-	10					
				11	-	-	-	1.2	-	12					
ACCU 2-1		8	3/60	13	8.2	1.2	-	-	-	14	3/20		AHU 2-1		
				15	-	-	8.2	1.2	-	16					
				17	-	-	-	-	8.2	1.2				18	
				19	2.2	4.8	-	-	-	20					
				21	-	-	2.2	4.8	-	22					
				23	-	-	-	2.2	4.8	24					
PCU-1		12	3/20	25	15.4	-	-	-	-	26	3/30	10	PCU-2		
				27	-	-	15.4	-	-	28					
				29	-	-	-	15.4	-	30					
				31	-	-	-	-	15.4	-				32	
				33	-	-	-	-	-	15.4				-	34
				35	-	-	-	-	-	-				15.4	-
PANEL "4MG3"		∇	∇	37	-	-	-	-	-	38	∇	∇	SPD		
				39	-	-	-	-	-	40					
				41	-	-	-	-	-	42					
				43	-	-	-	-	-	44					
				45	-	-	-	-	-	46					
				47	-	-	-	-	-	48					
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN..."		TOTAL KVA/O: CONNECTED KVA:		33.0		33.0		33.0		REMARKS: ∇ SEE ONE LINE DIAGRAM FOR SIZE.					
				99.0 KVA		99.0 KVA									
				CALCULATED LOAD:		109.1 KVA		1 = 131.2A							