

























































PANEL: "2LIB"		VOLTS: 208/120		PHASE: 3		WIRE: 4		AIC RATING: 10,000				
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input type="checkbox"/> DRY <input type="checkbox"/> WET		ENCL. TYPE: NEMA 1		MTG: <input type="checkbox"/> SURF. <input checked="" type="checkbox"/> FLUSH		AMPERE: $\diamond$		MAINS: <input 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 $\varnothing$ A $\varnothing$ B $\varnothing$ C			CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
RECEPS - STORAGE 108		12	1/20	1	0.9	0.6			2	1/20	12	RECEPS - ATM (BACK ACCESS)
- BOOKSTORE 106				3			1.5	1.3			4	- LIBRARY LOUNGE 105
- LIBRARY LOUNGE 105				5							6	- LIBRARY LOUNGE 105
- OFFICE				7	0.6	1.5					8	- LIBRARY
- MEETING RM. 1				9			0.4	0.8			10	- LIBRARY
- MEETING RM. 2				11				0.8	0.6		12	- LIBRARY
- MEETING RM. 1				13	1.3	0.8					14	- LIBRARY
- MEETING RM. 2				15			1.8	0.8			16	- LIBRARY
- MEETING RM. 3				17					1.7	0.9	18	- LIBRARY
- MEETING RM. 4				19	1.8	0.8					20	- LIBRARY
MOTORIZED ROLLER SHADE				21			1.0	1.5			22	- ARCHIVES 107
MOTORIZED ROLLER SHADE				23				1.0	1.2		24	- ARCHIVES 107
SPARE				25	0.4						26	- ARCHIVES 107
				27							28	SPARE
				29							30	
				31							32	
				33							34	
				35							36	
				37							38	
				39							40	
				41							42	
PFBS												PFBS
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø:		CONNECTED KVA:		8.7		9.1		7.7		REMARKS:
						25.5						$\diamond$ SEE ONE LINE DIAGRAM FOR SIZE.
				CALCULATED LOAD:		9.0		I = 27.46A				


PANEL: "ZOAR"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000		
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input type="checkbox"/> DRY <input type="checkbox"/> WET			ENCL. TYPE: NEMA 1			MTG: <input type="checkbox"/> SURF. <input type="checkbox"/> FLUSH			AMPERE: $\Diamond$			MAINS: <input 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 103C		12	1/20	1	0.9	1.7					2	1/20	12	RECEPS - OFFICE AD & REC
- ADMIN STORAGE 103D				3			1.1	1.3			4			- OFFICE AD & REC
- RECORD STORAGE 103E				5						1.1	1.5			- OFFICE AD & REC
- CAREER CENTER				7	1.1	0.8							8	- OFFICE AD & REC
- CAREER CENTER				9			1.3	1.0					10	- OFFICE AD & REC
SPARE				11									12	- STUDENT LOUNGE 2 $\Delta$
				13									14	SPARE
				15									16	
				17									18	
PFB				19									20	PFB
				21									22	
				23									24	
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "-"		TOTAL KVA/Ø: CONNECTED KVA:			4.5		4.7		2.6 $\Delta$		REMARKS: $\Diamond$ SEE ONE LINE DIAGRAM FOR SIZE.			
CALCULATED LOAD:		11.8 KVA		1.8 KVA		I = 5.6 A								

PANEL: "2KIT"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000		
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input type="checkbox"/> DRY <input type="checkbox"/> 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 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 - VENDOR 1 COUNTER			12	1/20	1	0.6 0.8			2	1/20	12	RECEPS - SERVICE CORR. 120b		
- VENDOR 1 COUNTER					3	0.4 0.4			4			- STORAGE		
- VENDOR 1					5	0.4			6			- KITCHEN		
- VENDOR 1					7	1.0 0.9			8			- KITCHEN		
- VENDOR 1					9	1.0 1.0			10			- VENDOR 2		
ACF-1					11	0.6 0.8			12			- VENDOR 2		
ACF-2					13	1.0 0.4			14			- COUNTER		
WVS-2					15	1.0 0.4			16			- COUNTER		
UN-2					17	-			18			- SPARE		
UV-2					19	1.0 0.4			20					
KEF-2					21	-			22					
SPARE					23	0.5			24					
				2/20	25	-			26					
				2/20	27	-			28					
				2/20	29	-			30					
				3/20	31	-			32					
				3/20	33	-			34					
				3/20	35	-			36					
				3/20	37	0.8 0.8			38					
				3/20	39	0.8 0.8			40					
				3/20	41	0.8 0.8			42					
SF-1			12	3/20	41	0.8 0.8			40			KEF-1		
					42	0.8 0.8								
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "...			TOTAL KVA/Ø: CONNECTED KVA: 7.3 KVA			CALCULATED LOAD: 20.3 KVA			REMARKS: <input checked="" type="checkbox"/> SEE ONE LINE DIAGRAM FOR SIZE.			<input checked="" type="checkbox"/> PROVIDE BRANCH SUBMETERING		
						43.4 KVA			I = 120.5A					

PANEL: "2DEL"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: 10,000		
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input checked="" type="checkbox"/> DRY <input type="checkbox"/> WET			ENCL. TYPE: NEMA 1			MTG: <input type="checkbox"/> SURF. <input checked="" type="checkbox"/> FLUSH			AMPERE: $\nabla$			MAINS: <input 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 - DELI KIOSK		12	1/20	1	1.0	0.6					2	1/20	12	RECEPS - DELI (WALL)
- DELI KIOSK				3			1.0	1.0			4		6	- DELI KIOSK
- DELI KIOSK				5					1.0	0.2			8	- DELI (TABLE) $\nabla$
SPARE				7	-	-							10	SPARE
				9									12	
				11									14	
				13									16	
SPARE			2/20	15			-					2/20	17	SPARE
				17									18	
SPARE			3/20	19	-	-							20	
				21			-						22	
				23									24	PFB
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."				TOTAL KVA/Ø: CONNECTED KVA:  CALCULATED LOAD:		1.6		2.0		1.0		REMARKS:  $\nabla$ SEE ONE LINE DIAGRAM FOR SIZE.		
						4.8 KVA								
						$\nabla$ 6.4 KVA		I = 19.6 A						

PANEL: "2CA1"		VOLTS: 208/120		PHASE: 3		WIRE: 4		AIC RATING: 10,000				
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input type="checkbox"/> DRY <input type="checkbox"/> WET		ENCL. TYPE: NEMA 1		MTG: <input type="checkbox"/> SURF. <input type="checkbox"/> FLUSH		AMPERE: $\nabla$		MAINS: <input 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 $\varnothing$ A $\varnothing$ B $\varnothing$ C			CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
RECEPS - EXTERIOR (SE)		8	1/20	1	1.7	1.7		2	1/20	12	RECEPS - CORRIDOR 119A	
- EXTERIOR (NE)				3		1.7	1.7	4			- CORRIDOR	
- EXTERIOR (N)				5				6			- ELEVATOR LOBBY	
- EXTERIOR (NW)				7	0.9	1.1		8			- STUDENT LOUNGE 02	
- EXTERIOR (S)				9				10			- ELEVATOR LOBBY	
- MEN'S UNISEX		12		11		1.5	1.3	12			- MULTIPURPOSE	
- WOMEN'S JAN				13	0.8	1.5		14			- MULTIPURPOSE	
- STUDENT LOUNGE 01				15		1.7	1.5	16			- MULTIPURPOSE	
- STUDENT LOUNGE 01				17				18			- MULTIPURPOSE	
- CORRIDOR		10		19	0.9	1.1		20		8	- STUDENT LOUNGE 02	
- ELEVATOR PIT		12		21		0.6	1.3	22			- MULTIPURPOSE	
- MEDIA STORAGE		10		23				24			- MULTIPURPOSE	
- STAIRS (E)				25	0.9	1.0		26		12	- VENDING MACHINE	
- STAIRS (N)				27		0.9	1.0	28			- VENDING MACHINE	
SP-1				29				30			- ATM 109	
				31	0.6	0.6		32			- PLANTBOX	
SPARE		-		33			1.0	34			- ELECTRIC HAND DRYER (MEN'S RM)	
				35				36			- ELECTRIC HAND DRYER (WOMEN'S RM)	
				37	-	-		38			SPARE	
				39				40				
				41				42				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA:		12.8 KVA			14.2			9.5		REMARKS: ① SEE ONE LINE DIAGRAM FOR SIZE ② COORDINATE LOCATION WITH ARCHITECT
		CALCULATED LOAD:		14.8 KVA			I = 45.1 A					

PANEL: "2MN1"		VOLTS: 208/120		PHASE: 3		WIRE: 4		AIC RATING: 10,000				
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input checked="" type="checkbox"/> DRY <input type="checkbox"/> 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	
VAV'S		12	1/20	1					2	1/20	-	SPARE
VAV'S				3					4			
SPARE		-		5					6			
				7					8			
				9					10			
				11					12			
				13					14			
			3/20	15					16	3/20		
				17					18			
				19					20			
PANEL "2MN3"				21					22	3/30		SPD 
				23					24			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN "..."		TOTAL KVA/Ø: CONNECTED KVA: CALCULATED LOAD:		1.8		5.7		5.3		REMARKS:  SEE ONE LINE DIAGRAM FOR SIZE.		
				12.8 KVA								
				13.6 KVA		I = 41.6 A						



PANEL: "4SCG"		VOLTS: 480/277		PHASE: 3		WIRE: 4		AIC RATING: 35,000			
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input checked="" type="checkbox"/> DRY <input type="checkbox"/> WET		ENCL. TYPE: NEMA 1		MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH		AMPERE: $\nabla$		MAINS: <input 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 checked="" 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
					<div><div><div><div><math>\varnothing</math> A</div><div>33.0</div><div>26.4</div></div><div><div><div><math>\varnothing</math> B</div><div>33.0</div><div>26.8</div></div><div><div><div><math>\varnothing</math> C</div><div>33.0</div><div>18.3</div></div></div></div></div></div>						
PANEL "4MG2"		$\nabla$	$\nabla$	1				2			
				3				4			
				5				6			
				7				8			
PANEL "4L1"		$\nabla$	$\nabla$	9				10	$\nabla$	$\nabla$	ELEVATOR 1
				11				12			
				13				14			
SPARE			3/150	15				16	$\nabla$		XFMR "TEM" $\triangle$
				17				18			
				19				20			
			3/75	21				22	3/100	-	SPARE
				23				24			
				25				26			
				27				28			
			3/20	29				30			
				31				32			
				33				34			
				35				36			
				37				38			
				39				40	$\nabla$	$\nabla$	SPD $\triangle$
				41				42			
PFB $\triangle$											

PANEL: "4L1"		VOLTS: 480/277		PHASE: 3		WIRE: 4		AIC RATING: 14,000				
LOCATION: <input checked="" type="checkbox"/> INDOOR <input type="checkbox"/> OUTDOOR <input type="checkbox"/> DRY <input type="checkbox"/> WET		ENCL. TYPE: NEMA 1		MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH		AMPERE: $\diamond$		MAINS: <input 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 $\varnothing$ A $\varnothing$ B $\varnothing$ C			CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
LIGHTING - LIB. ARCH. BK STORE		12	1/20	1	1.4	0.8			2	1/20	12	LIGHTING - CORRIDORS
- FINANCIAL AID				3		0.6	0.3		4			- ELECTRICAL IT. MECH
- RESTROOMS				5				0.2	0.2			- STUDENT LOUNGE
- OAR				7	0.3	0.1						- STAIRS (EAST)
- STAIRS (WEST)				9		0.1	0.1					- ELEVATOR
- EXTERIOR (CANOPY)			10	11				1.0	1.0			- DINING HALL
- EXTERIOR (CANOPY)				13	1.0	1.0				10		- EXTERIOR (EAST)
- EXTERIOR (NORTH)				15			1.0	1.0		16		- EXTERIOR (EAST)
- ELEVATOR SHAFT				17				0.2	1.0			- LTG. CONT. CAB "LCC-1"
SPARE				19	-	-				12		SPARE
				21								
				23								
PANEL "4L2"				25	1.8							
				26								
				27		9.7						
				29				4.0				
					12.4		7.8		7.6			
					27.8 KVA							
					57.2 KVA		1 =	75.66A				
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ..."		TOTAL KVA/O: CONNECTED KVA:		CALCULATED LOAD:		REMARKS: $\diamond$ SEE ONE LINE DIAGRAM FOR SIZE.						