

PANEL: "4MG3"		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: <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					
SPARE		-	3/20	1	-	-	-	-	2	3/20	-	SPARE
				3	-	-	-	-	4			
				5	-	-	-	-	6			
				7	-	-	-	-	8			
				9	-	-	-	-	10			
				11	-	-	-	-	12			
				13	-	-	-	-	14	3/70		
				15	-	-	-	-	16			
				17	-	-	-	-	18			
				19	1.9	13.5	-	-	20			
				21	-	1.9	13.5	-	22			
				23	-	-	1.9	13.5	24			
ACCU-1		12	3/20	25	-	-	-	-	26	3/70	6	DOAS-1
				27	-	-	-	-	28			
				29	-	-	-	-	30			
				15.4	15.4	15.4						
				46.2 KVA								
				56.3 KVA	I = 67.7A							
SPARE		-	3/20	27	-	-	-	-	28	-	-	PFB
				29	-	-	-	-	30			
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.					
				46.2 KVA								
		CALCULATED LOAD:										
				56.3 KVA			I = 67.7A					

PANEL: "2RG3"			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: ∇			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 \varnothing A \varnothing B \varnothing C			CKT NO.	POLE BKR	WIRE SIZE	BRANCH CIRCUIT DESCRIPTION	
RECEPS - ELEC. 308				12	1/20	1	0.8	1.0			2	1/20	12	ELEV CAB LIGHTS
- PV RM. 315						3		0.6	1.0			4	12	ELEV CAR AC
- MECH. 307						5			0.9			6		SPARE
- ELEV CONTROL ROOM						7						8		
SPARE						9						10		
						11						12		
						13						14		
PFB				-	-	15						16	-	PFB
						17						18		
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ""						TOTAL KVA/Ø:		0.8		REMARKS: ∇ SEE ONE LINE DIAGRAM FOR SIZE.				
						CONNECTED KVA:		4.3 KVA						
						CALCULATED LOAD:		0.4 KVA						
								I = 1.3 A						

PANEL: "4L3"			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
LIGHTING - RM 301, 311			12	1/20	1	Ø A		Ø B		Ø C		2	1/20	12	LIGHTING - CORRIDOR
					3	1.5 0.8		0.6 -				4			- RM 308, 309, 310
					5					1.0 1.0		6			- EXTERIOR CANOPY (NORTH) NL
					7	0.5 -						8			- EXTERIOR CANOPY (NORTH) NL
					9			1.0 1.0				10			- EXTERIOR CANOPY (SOUTH)
					11					1.0		12			- LTG. CONT. CABINET "LOC-LS"
					13							14			
SPARE					15			0.6				16			
LIGHTING - EXTERIOR			10		17							18			
SPARE					19							20			
PFB					21							22			
					23							24			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ""			TOTAL KVA/Ø: CONNECTED KVA:			2.8		3.2		3.0		REMARKS:			
			CALCULATED LOAD:			8.4 KVA						1 SEE ONE LINE DIAGRAM FOR SIZE.			
						16.7 KVA		I = 22.1 A							

PANEL: "2LC"			VOLTS: 208/120			PHASE: 1			WIRE: 3			AIC RATING: 10,000		
LOCATION: <input checked="" type="checkbox"/> INDOOR DRY <input type="checkbox"/> OUTDOOR WET			ENCL. TYPE: NEMA 4X 304 SST			MTG: <input checked="" type="checkbox"/> SURF. <input type="checkbox"/> FLUSH			AMPERE: \Diamond			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							
RECEP (L6-20R)		12	2/20	1	0.5	0.5			2	2/20	12	RECEP (L6-20R)		
RECEP (FOURPLEX)		12	1/20	5	0.5	1.6		0.5	6	1/25	12	AIR-CONDITIONING UNIT		
SPARE		-	-	7					8	1/20	-	SPARE		
				9	-	-		-	10					
				11					12					
SPARE		-	2/20	13	-	-		-	14	2/20	-	SPARE		
				15					16					
SPARE		-	2/20	17	-	-		-	18	2/20	-	SPARE		
				19					20					
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ____"				TOTAL KVA/Ø: CONNECTED KVA: CALCULATED LOAD:		3.1		1.0		REMARKS: \Diamond SEE ONE LINE DIAGRAM FOR SIZE.				
						4.1 KVA								
						5.0 KVA		I = 24.04 A						

PANEL: "2TR3"			VOLTS: 208/120			PHASE: 3			WIRE: 4			AIC RATING: <div>10,000</div> <div>1</div>			
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: <div>⬇</div>			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	⬇	SPD
					23							24			
PROVIDE PERMANENT LABEL INDICATING THE FOLLOWING "POWER SUPPLY ORIGINATES IN ____"			TOTAL KVA/Ø: CONNECTED KVA: CALCULATED LOAD:			2.7		2.1		1.5		REMARKS: ⬇ SEE ONE LINE DIAGRAM FOR SIZE.			
						6.3 KVA									
						5.1 KVA		I = 15.5 A							

GENERAL NOTES: (LIST OF NOTES APPLICABLE TO SHEET E8.4 TO E8.8)

- 1 PROVIDE HACR TYPE CIRCUIT BREAKERS WHERE RECOMMENDED BY EQUIPMENT MANUFACTURER.
- 2 ADJUST CIRCUIT BREAKER AND BRANCH CIRCUIT RATING ASSIGNED TO EQUIPMENT BASED ON FINAL APPROVED PRODUCTS AND PER MANUFACTURER'S RECOMMENDATION. ANY ADJUSTMENT NECESSARY SHOULD BE AT NO ADDITIONAL COST TO THE OWNER.

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

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REGISTERED PROFESSIONAL ENGINEER
373
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
Date: 10/7/2022

Project:
NMC
PACKAGE 1: STUDENT
CENTER BUILDING

Title:
PANEL SCHEDULES - 5

CONSTRUCTION
DOCUMENTS

Designed: JF/LB
Drawn: NP/RS
Checked: IA/AM
Supv: AM
Scale: AS INDICATED
Date: 10/07/2022

Project No. File

Drawing No.

E8.8
Sheet No. of

IF SHEET IS LESS THAN 24" X 36"
REDUCED PRINT - USE GRAPHIC SCALES