





**ELECTRICAL RISER DIAGRAM**  
N.T.S.

PANEL: MPP-4  
 LOCATION: DELIVERY HALL  
 FEEDER SOURCE: DIST TRANSFORMER

VOLTAGE: 120 / 240V, 400A, 3 $\phi$ , 4W MLO  
 400A MAIN BREAKER  
 ENCLOSURE: SURFACE MOUNTED W/  
 EQUIPMENT GRND BAR  
 SQUARE D TYPE QO LOAD CENTER

CKT. NO.	LOAD DESCRIPTION	BREAKER		LOAD (VA)	Diagram			LOAD (VA)	BREAKER		LOAD DESCRIPTION	CKT. NO.		
		AMP	POLE		A $\phi$	B $\phi$	C $\phi$		POLE	AMP				
1	A/C #1 COMPRESSOR 7.5 TON	60	3	4,575				4,575	3	60	A/C #2 COMPRESSOR 7.5 TON	2		
				4,575			4,575	4						
				4,575			4,575	6						
7	A/C #3 COMPRESSOR 7.5 TON	60	3	4,575				8,526	3	100	A/C #4 COMPRESSOR 15 TON	8		
				4,575			8,526	10						
				4,575			8,526	12						
13	A/C #5 COMPRESSOR 7.5 TON	60	3	4,575				7,061	3	100	A/C #7 COMPRESSOR 10 TON	14		
				4,575			7,061	16						
				4,575			7,061	18						
17	A/C #8 COMPRESSOR 5 TON	40	3	2,750				2,750	3	40	A/C #13 COMPRESSOR 5 TON	20		
				2,750			2,750	22						
				2,750			2,750	24						
25	A/C #14 COMPRESSOR 5 TON	40	3	2,750				2,750	3	40		26		
				2,750			2,750	28						
				2,750			2,750	30						
29	MAIN BREAKER	400	3						3	400		32		
								34						
								36						
31	SOLID NEUTRAL NEUTRAL WIRE (W)											38		
								40						
								42						
				TOTAL CONNECTED LOAD (VA)										
				42,893 VA	42,893 VA	42,893 VA					GROUND BUS GROUND WIRE (G)			