

REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED

ROOM NOS / REMARKS	CIR. NO.	BREAKERS		H.P. OR K.W.	AMPS PER PHASE									BREAKERS		H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE
		AMPS	POLES		LIGHTING			GEN. RECEPT.			SPECIAL			AMPS	POLES				
PNL F21E VIA. XFMR T-N1E	1	—	—	—	ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC	2	SPACE ONLY	Panel _____ F41E _____ Service _____ 3 Phase _____ 4 Wire _____ □ 208Y/120V ☒ 480Y/277V Main Bkr. _____ A _____ P Lugs Only _____ 225 A _____ _____ 18,000 _____ AIC Minimum ☒ Surface mounted panel □ 200% Neutral Bar Remarks CONNECTED AMPS ØA = 93.4 ØB = 84.9 ØC = 76.6
	—	—	—	—	—	—	—	75.0	—	—	17.4	—	—	100	3	—			
	—	—	—	—	—	—	—	57.4	—	—	26.5	—	—	—	—	—			
E41E	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	EF1-3	
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	—	—	—	—	—	—	—	49.5	—	—	26.1	—	—	—	—	—			
SPACE ONLY	5	100	3	—	—	—	—	—	—	—	—	—	—	—	—	—	6	SPACE ONLY	
	—	—	—	—	—	—	—	—	—	—	—	—	—	100	3	—			
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
SPACE ONLY	7	100	3	—	—	—	—	—	—	—	—	—	—	—	—	—	8	SPACE ONLY	
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	—	—	—	—	—	—	—	—	—	—	—	—	—	100	3	—			
TOTAL CONNECTED LOAD (AMPS)				—	—	—	75.0	57.4	49.5	19.2	28.3	27.9							

NOTE: SEE SINGLE LINE DIAGRAM FOR
CIRCUIT BREAKER SIZE.

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	AMPS PER PHASE									BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE
				LIGHTING			GEN. RECEPT.			SPECIAL							
				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC					
PANEL N21E	1	—	—	—	—	—	74.0	—	—	3.0	—	—	—	2	PANEL N21E1	Panel F21E —	
	2	—	—	—	—	—	79.5	—	—	20.0	—	—	—	3		Service 3 Phase 4 Wire	
	3	—	—	—	—	—	27.0	—	—	11.0	—	—	—	4		Ø 208Y/120V	
PANEL N21E2	3	—	—	—	—	—	69.0	—	—	17.0	—	—	—	4	SPACE ONLY	Main Bkr. A P	
	4	—	—	—	—	—	37.5	—	—	20.0	—	—	—	5		Lugs Only 400 A —	
	5	—	—	—	—	—	48.0	—	—	27.0	—	—	—	6		— 10,000 — AIC Minimum	
SPACE ONLY	5	—	—	—	—	—	—	—	—	—	—	—	—	6	SPACE ONLY	Ø Surface mounted panel	
	6	—	—	—	—	—	—	—	—	—	—	—	—	7		Ø 200% Neutral Bar	
	7	—	—	—	—	—	—	—	—	—	—	—	—	8		Remarks	
TOTAL CONNECTED LOAD (AMPS)				—	—	—	172.5	132.0	114.0	40.0	61.0	60.0					CONNECTED AMPS
																	ØA = 212.5
																	ØB = 193.0
																	ØC = 174.0
																	DIVERSIFIED AMPS
																	ØA = 141.6
																	ØB = 140.8
																	ØC = 130.8

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CIRCUIT BREAKER SIZE.

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CIRCUIT BREAKER SIZE.

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	AMPS PER PHASE									BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE
				LIGHTING			GEN. RECEPT.			SPECIAL							
PANEL N21B	1			2A	2B	2C	2A	2B	2C	2A	2B	2C				PANEL N22B	Panel _____ F22B _____ Service _____ 3 Phase _____ 4 Wire _____ ☐ 208Y/120V ☐ 480Y/277V Main Bkr. _____ A _____ P
	2						48.0			45.8							
	3						102.0			47.8							
	4					1.0			2.7			44.6				PANEL N22B1	☐ 480Y/277V
PANEL N21B1	5						49.5			43.0		25.0					
	6						72.0			10.0		2.0					
	7						55.5			18.0							
	8						80.0			19.0		38.0					
	9						65.5			30.6							
PANEL N21B1	10					12.0				30.6						PANEL N22B2	Lugs Only _____ 600 A _____
	11						22.5										_____ 22,000 _____ AIC Minimum
	12								22.5	15.6							☒ Surface mounted panel
	13									15.0							☐ Freestanding Switchboard
2SITE	14			10.0			20.0						100	3		PANEL CRA01	☒ 200% Neutral Bar
	15					10.0			20.0								Remarks
SPACE ONLY	16	100	3										100	3		SPACE ONLY	CONNECTED AMPS
	17																DIVERSIFIED AMPS
TOTAL CONNECTED LOAD (AMPS)				10.0	10.0	11.0	303	290	250	149	124	142					

NOTE: SEE SINGLE LINE DIAGRAM FOR
CIRCUIT BREAKER SIZE.

ROOM NOS / REMARKS	CIR. NO.	BREAKERS	H.P. OR K.W.	AMPS PER PHASE									BREAKERS	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE
		AMPS/POLES		LIGHTING			GEN. RECEPT.			SPECIAL			AMPS/POLES				
L41B	1	—	—	26.3	—	—	—	—	—	—	—	—	—	—	L42B	Panel F42B	
	2	—	—	15.6	—	—	—	—	—	—	—	—	—	Service 3 Phase 4 Wire			
	3	—	—	11.9	—	—	—	—	—	—	—	—	—	Ø 480Y/277V			
	4	—	—	17.0	—	—	—	—	—	—	—	—	—	Main Bkr. A P			
T-N2B (PANEL F22B)	3	—	—	4.3	—	—	31.2	—	—	64.5	—	—	—	100	3	SPACE ONLY	Lugs Only 400 A
	4	—	—	4.3	—	—	25.5	—	—	53.6	—	—	—	—	—		30,000 AIC Minimum
	5	—	—	—	—	—	108.2	—	—	61.5	—	—	—	—	—		Ø Surface mounted panel
	6	—	—	—	—	—	—	—	—	—	—	—	—	100	3		□ 200% Neutral Bar
SPACE ONLY	5	100	3	—	—	—	—	—	—	—	—	—	—	—	—	Remarks	
TOTAL CONNECTED LOAD (AMPS)				46.2	53.2	47.7	131.2	125.5	108.2	64.5	53.6	61.5					
NOTE: SEE SINGLE LINE DIAGRAM FOR CIRCUIT BREAKER SIZE																	

NOTE: SEE SINGLE LINE DIAGRAM FOR
CIRCUIT BREAKER SIZE.

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	AMPS PER PHASE						BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE	
				LIGHTING		GEN. RECEPT.		SPECIAL							
				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC			
PNL F22C VIQ, XFMR, T-N2C	1	—	—	—	—	—	100.4	—	—	107.7	93.2	82.2	2	PANEL L42C	Panel F42C
	2	—	—	—	13.4	—	—	—	—	—	—	—	3		Service 3 Phase 4 Wire
	3	—	—	—	3.6	—	—	—	95.2	—	—	—	4		Ø 480Y/277V
	4	—	—	—	11.6	—	—	—	63.3	—	—	—	5		Main Bkr. A P
	5	—	—	—	3.2	—	—	—	82.2	—	—	—	6		Lugs Only 400 A
PANEL L41C	3	—	—	—	22.8	—	—	—	—	—	—	—	4	SPACE ONLY	25,000 AIC Minimum
	4	—	—	—	16.9	—	—	—	—	—	—	—	5		Ø Surface mounted panel
	5	—	—	—	21.4	—	—	—	—	—	—	—	6		Remarks
SPACE ONLY	5	100	3	—	—	—	—	—	—	—	—	—	6	SPACE ONLY	CONNECTED AMPS
	6	—	—	—	—	—	—	—	—	—	—	—	7		ØA = 244.3
	7	—	—	—	—	—	—	—	—	—	—	—	8		ØB = 220.5
	8	—	—	—	—	—	—	—	—	—	—	—	9		ØC = 182.8
TOTAL CONNECTED LOAD (AMPS)				36.2	32.1	37.3	100.4	95.2	63.3	107.7	93.2	82.2			

NOTE: SEE SINGLE LINE DIAGRAM FOR
CIRCUIT BREAKER SIZE.

ROOM NOS / REMARKS	CIR. NO.	BREAKERS AMPS/POLES	H.P. OR K.W.	AMPS PER PHASE									BREAKERS AMPS/POLES	H.P. OR K.W.	CIR. NO.	ROOM NOS / REMARKS	FEEDER PANEL SCHEDULE
				LIGHTING			GEN. RECEPT.			SPECIAL							
				ØA	ØB	ØC	ØA	ØB	ØC	ØA	ØB	ØC					
PANEL N22C	1	—	—	—	—	—	54.0	—	—	47.4	—	—	—	—	—	PANEL N22C1	Panel — F22C —
	2	—	—	—	—	—	39.0	—	—	60.3	—	—	—	—	—		Service — 3 Phase — 4 Wire
	3	—	—	—	—	—	7.5	—	—	46.5	—	—	—	—	—		☒ 480Y/277V
PANEL N22C2	4	—	—	—	—	—	4.5	—	—	85.1	—	—	—	—	—	PANEL N21C	Main Bkr. — A — P
	5	—	—	—	—	—	8.3	—	—	9.8	—	—	—	—	—		Lugs Only — 600 A —
	6	—	—	—	—	—	55.5	—	—	71.6	—	—	—	—	—		— 22,000 — AIC Minimum
	7	—	—	—	—	—	67.5	—	—	39.0	—	—	—	—	—		☒ Surface mounted panel
PANEL N21C1	8	—	—	—	—	—	66.0	—	—	15.0	—	—	100	3	—	SPACE ONLY	☒ 200% Neutral Bar
	9	—	—	—	—	—	55.5	—	—	20.0	—	—	—	—	—		Remarks
TOTAL CONNECTED LOAD (AMPS)				—	8.3	7.5	231.0	219.0	145.5	247.7	214.3	189.0					