

PANELBOARD SCHEDULE "MCC-A"											LOCATION: MECH/ELEC. RM F146
											C/B RATING: - k.A.I.C.
VOLT/PH/W: 277/480V, 3PH, 4W		MAINS: 400A MLO				MTG. SURFACE				TYPE: BOLT-ON	
USE/AND OR AREA SERVED	C/B	øA	øB	øC	CIRCUIT NO.		øA	øB	øC	C/B	USE/AND OR AREA SERVED
SPACE		-			1	2	-				SPACE
			-		3	4		-			
				-	5	6			-		
SPACE		-			7	8	-				SPACE
			-		9	10		-			
				-	11	12			-		
COOLING TOWER #1 BASIN HEATER	60	-			13	14	-			30	COOLING TOWER #2 BASIN HEATER
			-		15	16		-			
		3		-	17	18			-		
PANEL "P1A"	60	-			19	20	-			40	SPARE
			-		21	22		-			
		3		-	23	24			-		
UTILITY METERING	60	-			25	26	-			40	SPARE
			-		27	28		-			
		3		-	29	30			-		
SPARE	60	-			31	32	-			50	COOLING TOWER #2
			-		33	34		-			
		3		-	35	36			-		
CWP-2	90	9418			37	38	9418			90	CWP-1
			9418		39	40		9418			
		3		9418	41	42			9418		
TOTAL PHASE "A"		18836		9418		9418					
TOTAL PHASE "B"		18836		9418		9418		9418			
TOTAL PHASE "C"		18836		9418		9418		9418			
TOTAL CONNECTED LOAD:		56508								TOTAL CONNECTED LOAD: (AMPS) 68	
										TOTAL DEMAND LOAD: (AMPS) -	

PANELBOARD SCHEDULE "SA"											LOCATION: SERVER RM G114
											C/B RATING: — k.A.I.C.
VOLT/PH/W: 277/480V, 3PH, 4W		MAINS: 90A MCB (NOTE 2)				MTG. UNISTRUT				TYPE: BOLT-ON	
USE/AND OR AREA SERVED	C/B	øA	øB	øC	CIRCUIT NO.		øA	øB	øC	C/B	USE/AND OR AREA SERVED
MAIN (NOTE 2)	90	—			1	2	—			30	SPARE (NOTE 5)
			—		3	4		—			
	3			—	5	6			—	3	
EXISTING LOAD	15	—			7	8	—			25	SPARE (NOTE 6)
			—		9	10		—			
	3			—	11	12			—	3	
SURGE PROTECTION DEVICE	60	—			13	14	5485			25	LIEBERT EVAPORATOR #2 (NOTE 7)
			—		15	16		5485			
	3			—	17	18			5485	3	
LIEBERT EVAPORATOR #1 (NOTE 3)	25	5485			19	20	3241			20	LIEBERT AIR-COOLED CONDENSING UNIT #2 (NOTE 8)
			5485		21	22		3241			
	3			5485	23	24			3241	3	
LIEBERT AIR-COOLED CONDENSING UNIT #1 (NOTE 4)	20	3241			25	26	—			—	SPACE
			3241		27	28		—		—	SPACE
	3			3241	29	30			—	—	SPACE
SPACE	—	—			31	32	—			—	SPACE
SPACE	—		—		33	34		—		—	SPACE
SPACE	—			—	35	36			—	—	SPACE
SPACE	—	—			37	38	—			—	SPACE
SPACE	—		—		39	40		—		—	SPACE
SPACE	—			—	41	42			—	—	SPACE
TOTAL PHASE "A"	17452	8726				8726					
TOTAL PHASE "B"	17452	8726				8726					
TOTAL PHASE "C"	17452					8726				TOTAL CONNECTED LOAD: (AMPS) 63	
TOTAL CONNECTED LOAD:	52356									TOTAL DEMAND LOAD: (AMPS) —	

FED FROM SWBD "DP-2" (BREAKER 1) IN ELEC. RM B128

GENERAL NOTES:

- HEAVY TONE LINEWORK & TEXT DENOTE NEW WORK. LIGHT TONE LINEWORK & TEXT DENOTE EXISTING CONDITIONS TO REMAIN.
- INSTALL (1) 90A/3P BREAKER IN EXISTING PANEL "SA" TO SERVE AS MAIN BREAKER. UTILIZE CIRCUITS 1, 3, 5, WHICH ARE CURRENTLY (1) 40A/3P BREAKER. UPDATE PANEL DIRECTORY.
- INSTALL (1) 25A/3P BREAKER IN EXISTING PANEL "SA" TO SERVE LIEBERT EVAPORATOR #1. UTILIZE CIRCUITS 19, 21, 23, WHICH ARE CURRENTLY (3) 1P SPACES. UPDATE PANEL DIRECTORY.
- INSTALL (1) 20A/3P BREAKER IN EXISTING PANEL "SA" TO SERVE LIEBERT AIR-COOLED CONDENSING UNIT #1. UTILIZE CIRCUITS 25, 27, 29, WHICH ARE CURRENTLY (3) 1P SPACES. UPDATE PANEL DIRECTORY.
- DISCONNECT EXISTING CONDENSING UNIT. EXISTING 30A/3P BREAKER (CCTS 2, 4, 6) TO REMAIN. MARK AS "SPARE". PLACE BREAKER IN "OFF" POSITION. UPDATE PANEL DIRECTORY.
- DISCONNECT EXISTING EVAPORATOR UNIT. EXISTING 25A/3P BREAKER (CCTS 8, 10, 12) TO REMAIN. MARK AS "SPARE". PLACE BREAKER IN "OFF" POSITION. UPDATE PANEL DIRECTORY.
- INSTALL (1) 25A/3P BREAKER IN EXISTING PANEL "SA" TO SERVE LIEBERT EVAPORATOR #2. UTILIZE CIRCUITS 14, 16, 18, WHICH ARE CURRENTLY (3) 1P SPACES. UPDATE PANEL DIRECTORY.
- INSTALL (1) 20A/3P BREAKER IN EXISTING PANEL "SA" TO SERVE LIEBERT AIR-COOLED CONDENSING UNIT #2. UTILIZE CIRCUITS 20, 22, 24, WHICH ARE CURRENTLY (3) 1P SPACES. UPDATE PANEL DIRECTORY.
- PANEL "MCC-A" CONNECTED LOAD IS REDUCED BY 86A WITH THIS REVISION.

DISCLAIMERS:

- LOAD IDENTIFICATION IS BASED ON EXISTING PANELBOARD DIRECTORIES. KROESCHELL IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS INFORMATION. SPARES, SPACES & BASIC PANEL CHARACTERISTICS ARE IDENTIFIED BASED ON EQUIPMENT INSTALLATION/REPLACEMENT OR PER VERIFICATION IN FIELD BY KROESCHELL PERSONNEL.
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SHEET PLOTTED FULL SIZE = 24"x36"

NOTICE: THIS IS THE PERSONAL PROPERTY OF KROESCHELL ENGINEERING CO. AND ALL USE IS FORBIDDEN EXCEPT UPON WRITTEN CONSENT.

CAD Filename: K\\Air Force Bases\\Little Rock\\14554

ADDITIONS AND REVISIONS

ISSUED FOR 65% DESIGN

ISSUED FOR 65% DESIGN-REV. 1

ISSUED FOR 100% DESIGN

DATE
REVISED

1/10/14

1/13/14

2/21/14

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19TH MEDICAL SUPPORT GROUP

LITTLE ROCK AFB, ARKANSAS

REPAIR OF MECHANICAL BUILDING INFRASTRUCTURE SYSTEMS

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NONE
JANUARY 2014

ELECTRICAL
PANELBOARD SCHEDULES

JOB No. 14554

Sheet No.
E-10