5,353 AMPS

SERVICE RATED SWITCHBOARD: MDP	VOLTAGE: 208Y120	BUS RATING: 3000A	MAIN: 3000AF/3000AT BREAKER*	TOTAL CONNECTED VA: 1,928,561
LOCATION: MAIN ELECTRICAL ROOM 141	MFG AND TYPE: SQUARE D QED SWITCHBOARD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 682,127
				TOTAL BØ: 652,920
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 65,000	FED FROM: UTILITY	TOTAL CØ: 593,514

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
16,870			PANEL ~~"HP4"~~ "HPW2"	3	1	2	3	PANEL ~~"HP2"~~ "HPE2"	9,190		
	16,621				–	–				9,002	
		15,110		200	–	–	125				8,710
112,600			PANEL ~~"ADP1"~~ "HP1"	3	3	4	3	PANEL ~~"ADP2"~~ "HP2"	109,560		
	99,380				–	–				96,940	
		100,900		500	–	–	500				96,730
21,090			PANEL ~~"HPE1"~~ "MP"	3	5	6	3	PANEL ~~"HPE2"~~ "HPE2"	6,020		
	20,410				–	–				4,750	
		19,120		225	–	–	100				3,626
68,990			PANEL ~~"ADPE1"~~ "ADPW1"	3	7	8	3	PANEL ~~"ADPE2"~~ "ADPE1"	68,990		
	69,510				–	–				69,510	
		55,280		300	–	–	300				55,280
20,120			PANEL ~~"HPW1"~~ "ADPW2"	3	9	10	3	PANEL ~~"HPW2"~~ "ADPE2"	6,020		
	17,660				–	–				4,750	
		18,150		225	–	–	100				3,626
68,990			PANEL ~~"ADPW1"~~ "CHILLER CKT. #1"	3	11	12	3	PANEL ~~"ADPW2"~~ "ADP1"	68,990		
	69,510				–	–				69,510	
		55,280		300	–	–	300				55,280
18,955			PANEL ~~"MP"~~ "CHILLER CKT. #2"	3	13	14	3	~~ELEVATOR (CENTER)~~ "ADP2"	10,450		
	19,625				–	–		~~20 HP/208V/3Ø~~		10,450	
		20,680		250	–	–	125				10,450
37,706			~~CHILLER "CH" CIRCUIT #1~~ HPW1	3	15	16	3	~~TV SS~~ SPACE WITH BUS	–		
	37,706		~~21A RLA/208V/3Ø~~		–	–				–	
		37,706		600	–	–	60				–
37,586			~~CHILLER "CH" CIRCUIT #2~~ CENTER ELEVATOR	3	17	18	3	SPACE W/BUS			
	37,586		~~21A RLA/208V/3Ø~~		–	–					
		37,586		600	–	–	225				

* PROVIDE INTEGRAL PHASE LOSS AND REVERSAL PROTECTION

135AMPS

PANELBOARD: HP1	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 48,601
LOCATION: MAIN ELECTRICAL ROOM 141	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 16,870
				TOTAL BØ: 16,621
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CØ: 15,110

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1000			RECPTACLES MAIN ELECTRICAL ROOM	1/20	1	2	1/20	RECPT. BREAKROOM (COFFEEMAKER)	1200		
	1000		RECPTACLES EXTERIOR @ LOBBY 138	1/20	3	4	1/20	RECPT. BREAKROOM (MICROWAVE)		1200	
		1000	RECPTACLES CENTER ELEVATION PIT	1/20	5	6	1/20	RECPT. BREAKROOM (DISPOSAL)			1200
1000			RECPTACLES TELEPHONE TERM. BOARD	1/20	7	8	1/20	RECPT. LOBBY 100	1200		
	1000		RECPTACLES TELEVISION EQUIPMENT	1/20	9	10	1/20	RECPT. JANITOR 105		1200	
		1000	RECPTACLES BREAKROOM	1/20	11	12	1/20	RECPT. LINEN STORAGE 109			1200
1000			ELEVATOR CONTROLS	1/20	13	14	1/20	RECPT. LINEN STORAGE 110	1000		
	1000		ELEVATOR CAB LIGHTS	1/20	15	16	1/20	RECPT. HOUSEKEEPING 108		1000	
		1000	RECPTACLE BREAKROOM (REFRIG)	1/20	17	18	1/20	RECPTS OFFICE 108			1000
2,800			DRYER	2/	19	20	/2	FAN COIL UNITS 30 & 33 (ADDED 32)	2040		
	2,800		5600W/208V/1Ø	/30	21	22	/20	–		2040	
		1,440	WASHER	1/20	23	24	2	FAN COIL UNITS 31, 72, & 73			1530
1330			LIGHTING CORRIDOR 114	1/20	25	26	/20	–	1530		
	1330		LIGHTING CORRIDOR 114	1/20	27	28	1/20	~~LIGHTING ELEC. 141~~ LOBBY LIGHTS		1281	
		1330	LIGHTING CORRIDOR 114	1/20	29	30	1/20	EXTERIOR LIGHTING			1520
1330			LIGHTING CORRIDOR 114	1/20	31	32	1/20	EXTERIOR LIGHTING	1440		
	1330		LIGHTING CORRIDOR 114	1/20	33	34	1/20	EXTERIOR LIGHTING		1440	
		1330	LIGHTING CORRIDOR 114	1/20	35	36	1/20	EXTERIOR LIGHTING			1560
			~~SPARE~~ REC. CHILLER	1/20	37	38	1/20	~~SPARE~~ OVERHEAD DOOR LIGHTS			
			~~SPARE~~ OUTSIDE LIGHT	1/20	39	40	1/20	~~SPARE~~ OVERHEAD DOOR LIGHTS			
			~~SPARE~~ ELEVATOR SHUNT POWER	1/20	41	42	1/20	~~SPARE~~ LIGHTS BREAK ROOM			

868.5 AMPS

PANELBOARD: ADP1	VOLTAGE: 208Y/120V	BUS RATING: 600A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 312,880
LOCATION: MAIN ELECTRICAL ROOM 141	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 112,600
				TOTAL BØ: 99,380
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 42,000	FED FROM: MDP	TOTAL CØ: 100,900

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
15,750			2 BEDROOM ADA UNIT 130	2	1	2	2	1 BEDROOM UNIT 113	14,110		
	14,230			/125	3	4	/125			13,230	
		15,750	2 BEDROOM ADA UNIT 138	2	5	6	2	1 BEDROOM UNIT 112			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 131	2	9	10	2	1 BEDROOM UNIT 111		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 132	2	13	14	2	1 BEDROOM UNIT 157	14,110		
	14,230			/125	15	16	/125			13,230	
		13,710	2 BEDROOM UNIT 137	2	17	18	2	1 BEDROOM UNIT 156			14,110
14,230				/125	19	20	/125		13,230		
	2,530		EXTERIOR LIGHTING	2	21	22	2	1 BEDROOM UNIT 155		14,110	
		2,530		/30	23	24	/125				13,230
–			TV SS	3	25	26	2	SPACE ONLY W/BUS			
	–		–		27	28	/225	–			
		–	–	/60	29	30	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	31	32	/225	–			

1

173.5 AMPS

PANELBOARD: HPE1	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 62,520
LOCATION: EAST ELECTRIC ROOM 147	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 22,990
				TOTAL BØ: 20,410
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL CØ: 19,120

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1200			RECPTACLES LOBBY 160	1/20	1	2	1/20	RECPTACLES CORRIDOR 144	1000		
	1200		RECPTACLES LOBBY 160	1/20	3	4	1/20	ELEVATOR CAB LIGHTS		1000	
		1200	RECPTACLES LOBBY 154	1/20	5	6	1/20	ELEVATOR ~~CONTROLS~~ CAB LIGHTS			1000
10,450			~~EAST ELEVATOR POWER~~ SPARE	3	7	8	1/20	TELEPHONE TERMINAL BOARD	1000		
	10,450		~~20 HP/208V/3Ø~~ SPARE		9	10	1/20	RECPTACLES ELECTRICAL 147		600	
		10,450	~~87 FLA~~ SPARE	/125	11	12	1/20	RECPTACLES EAST ELEVATOR PIT			1000
1530			FAN COIL UNITS 37 & 38	3	13	14	1/20	LIGHTING CORRIDOR 144	1600		
	1530			/20	15	16	1/20	LIGHTING CORRIDOR 144		1600	
		1435	FAN COIL UNITS 39 & 40	3	17	18	1/20	~~LIGHTING CORRIDOR 141~~ SPARE			1600
1435				/20	19	20	1/20	LIGHTING CORRIDOR 154	1900		
	1275		LIGHTING CORRIDOR 153	1/20	21	22	1/20	LIGHTING LOBBY 145		1480	
		1275	LIGHTING CORRIDOR 153	1/20	23	24	1/20	LIGHTING ELEVATOR EQUIP. 161			1160
1275			LIGHTING CORRIDOR 153	1/20	25	26	1/20	LIGHTING CORRIDOR 144	1600		
	1275		LIGHTING CORRIDOR 153	1/20	27	28	1/20	LIGHTING CORRIDOR 144		1600	
			SPARE	1/20	29	30	1/20	LIGHTING CORRIDOR 144			1600
					31	32		SPARE			
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

537.9 AMPS

PANELBOARD: ADPE1	VOLTAGE: 208Y120	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 193,780
LOCATION: EAST ELECTRIC ROOM 147	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 68,990
				TOTAL BØ: 69,510
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CØ: 55,280

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
13,710			2 BEDROOM UNIT 147	2	1	2	2	1 BEDROOM UNIT 144	14,110		
	14,230			/125	3	4	/125			13,230	
		13,710	2 BEDROOM UNIT 149	2	5	6	2	1 BEDROOM UNIT 143			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 145	2	9	10	2	1 BEDROOM UNIT 151		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 150	2	13	14	2	SPACE ONLY W/BUS			
	14,230			/125	15	16	/225	–			
		–	TV SS	3	17	18	2	SPACE ONLY W/BUS			
–			–		19	20	/225	–			
	–		–	/60	21	22	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	23	24	/225	–			

160 AMPS

PANELBOARD: HPW1	VOLTAGE: 208Y120	BUS RATING: 225	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 57,830
LOCATION: WEST ELECTRIC ROOM 132	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 22,020
				TOTAL BØ: 17,660
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CØ: 18,150

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1200			RECPTACLES LOBBY 119	1/20	1	2	1/20	RECPTACLES CORRIDOR 114	1200		
	1200		RECPTACLES LOBBY 119	1/20	3	4	1/20	ELEVATOR CAB LIGHTS		1000	
		1200	RECPTACLES CORRIDOR 123	1/20	5	6	1/20	ELEVATOR CONTROLS			1000
10,450			WEST ELEVATOR POWER	3	7	8	1/20	TELEPHONE TERMINAL BOARD	1000		
	10,450		20 HP/208V/3Ø		9	10	1/20	RECPTACLES ELEC 132		600	
		10,450	87 FLA	/125	11	12	1/20	ELEVATOR PIT RECPTACLES			1000
1330			FAN COIL UNITS 26 + 28	2	13	14	1/20	LIGHTING CORRIDOR 123	1600		
	1330			/20	15	16	1/20	LIGHTING CORRIDOR 123		1600	
		1227	FAN COIL UNITS 27 & 29	2	17	18	1/20	LIGHTING CORRIDOR 123			1600
1227				/20	19	20	1/20	LIGHTING CORRIDOR 123	1600		
			SPARE	1/20	21	22	1/20	LIGHTING CORRIDOR 115		1480	
					23	24	1/20	LIGHTING ELEV EQUIP 118			1160
					25	26	1/20	LIGHTING CORR 124	1900		
					27	28	1/20	SPARE			
					29	30					
					31	32					
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

380 AMPS

PANELBOARD: ADPW1	VOLTAGE: 208Y120	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 136,910
LOCATION: WEST ELECTRIC ROOM 132	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 68,990
				TOTAL BØ: 69,510
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CØ: 55,280

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
13,710			2 BEDROOM UNIT 124	2	1	2	2	1 BEDROOM UNIT 126	14,110		
	14,230			/125	3	4	/125			13,230	
		13,710	2 BEDROOM UNIT 125	2	5	6	2	1 BEDROOM UNIT 127			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 121	2	9	10	2	1 BEDROOM UNIT 119		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 120	2	13	14	2	SPACE ONLY W/BUS			
	14,230			/125	15	16	/225	–			
			SPACE ONLY W/BUS	2	17	18	2	SPACE ONLY W/BUS			
			–	/225	19	20	/225	–			

74.7 AMPS

PANELBOARD: HP2	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 26,902
LOCATION: 2ND FLR CENTER ELEC RM 202	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 9,190
				TOTAL BØ: 9,002
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10,000	FED FROM: MDP	TOTAL CØ: 8,710

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1415			LIGHTING CORRIDOR 200	1/20	1	2	1/20	LIGHTING MECHANICAL 201	1160		
	1415		LIGHTING CORRIDOR 200	1/20	3	4	1/20	LIGHTING LOBBY 231		1280	
		1415	LIGHTING CORRIDOR 200	1/20	5	6	1/20	LIGHTING CORRIDOR 234			1148
1517			LIGHTING CORRIDOR 200	1/20	7	8	1/20	LIGHTING CORRIDOR 234	1148		
	1517		LIGHTING CORRIDOR 200	1/20	9	10	1/20	LIGHTING CORRIDOR 234		1300	
		1517	LIGHTING CORRIDOR 200	1/20	11	12	1/20	LIGHTING CORRIDOR 234			1300
800			RECPTACLES CORRIDOR 200	1/20	13	14	1/20	FAN COIL UNITS 68 & 70	1020		
	800		RECPTACLES CORRIDOR 234	1/20	15	16	1/20	–		1020	
		1000	RECPT TELEPHONE TERMINAL BOARD	1/20	17	18	1/20	FAN COIL UNITS 69,71 & 40			1530
600			RECPTACLES COMM 228	1/20	19	20	1/20	–	1530		
	950		RECPTACLES MECHANICAL 201	1/20	21	22	1/20	EXHAUST FAN "EF-6"		720	
		800	RECPTACLES UNFINISHED SPACE 203	1/20	23	24	1/20	DDC PANEL MECH. 201			500
			SPARE	1/20	25	26		SPARE			
					27	28					
					29	30					
					31	32					
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

853 AMPS

PANELBOARD: ADP2	VOLTAGE: 208Y120	BUS RATING: 600A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 307,310
LOCATION: 2ND FLR CENTER ELEC ROOM 202	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 109,560
				TOTAL BØ: 96,940
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CØ: 96,730

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
13,710			2 BEDROOM UNIT 222	2	1	2	2	1 BEDROOM UNIT 248	14,110		
	14,230			/125	3	4	/125			13,230	
		13,710	2 BEDROOM UNIT 231	2	5	6	2	1 BEDROOM UNIT 249			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 223	2	9	10	2	1 BEDROOM UNIT 250		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 230	2	13	14	2	1 BEDROOM UNIT 204	14,110		
	14,230			/125	15	16	/125			13,230	
		14,110	1 BEDROOM UNIT 224	2	17	18	2	1 BEDROOM UNIT 205			14,110
13,230				/125	19	20	/125		13,230		
	–		TV SS	3	21	22	2	1 BEDROOM UNIT 206		14,110	
		–	–		23	24	/125				13,230
–			–	/60	25	26	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	27	28	/225	–			

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	As-Built changes denoted by Design Item being crossed out			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ELECTRICAL PANEL SCHEDULES

AS-BUILT

DRAWN BY	LEAD DESIGNER
SPW	BRM
TECH REVIEWER	FILE LOCATION
DESIGNED BY	PROJECT NUMBER
BTM	NKAK02-5001
DATE 28 MAY 2002	SHEET E16
SCALE NONE	107 OF 108