

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:			
LP3		208/120 Wye		3		4							
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:			
100		Surface		84						ELECTRIC 320			
CKT	DESCRIPTION			BRKR	A		B		C		BRKR	DESCRIPTION	CKT
1													2
3	LIGHTING			20 A			738	553			20 A	LIGHTING Space 462	4
5									553		20 A	LIGHTING Space 434	6
7	LIGHTING Space 522			20 A	553	800					20 A	REFRIGERATOR 333	8
9	MICROWAVE 333			20 A			1500	1080			20 A	RECEPTACLE BEDROOM 333	10
11	RECEPTACLE Space 388			20 A					180	360	20 A	RECEPTACLE Space 392	12
13	REFRIGERATOR 327			20 A	800	1080					20 A	RECEPTACLE BEDROOM 329	14
15	REFRIGERATOR 331			20 A			800	1500			20 A	MICROWAVE 331	16
17	MICROWAVE 329			20 A					800	1500	20 A	MICROWAVE 329	18
19	RECEPTACLE Space 405			20 A	360	800					20 A	REFRIGERATOR 325	20
21	MICROWAVE 325			20 A			1500	1080			20 A	RECEPTACLE BEDROOM 325	22
23	REFRIGERATOR 323			20 A					800	1500	20 A	MICROWAVE 323	24
25	RECEPTACLE Space 408			20 A	360	800					20 A	REFRIGERATOR 321	26
27	MICROWAVE 321			20 A			1500	1080			20 A	RECEPTACLE BEDROOM 321	28
29	MICROWAVE 319			20 A					1500	800	20 A	REFRIGERATOR 319	30
31	KITCHEN EQUIPMENT BEDROOM 327			20 A	1500								32
33													34
35													36
37													38
39													40
41													42
43	RECEPTACLE STORAGE 315			20 A	180	180					20 A	RECEPTACLE Space 418	44
45	REFRIGERATOR 303			20 A			800	1500			20 A	MICROWAVE 303	46
47	RECEPTACLE BEDROOM 303			20 A					1080	800	20 A	REFRIGERATOR 305	48
49	MICROWAVE 305			20 A	1500	180					20 A	RECEPTACLE Space 434	50
51	RECEPTACLE Space 439			20 A			360	800			20 A	REFRIGERATOR 307	52
53	MICROWAVE 307			20 A					1500	1080	20 A	RECEPTACLE BEDROOM 307	54
55	REFRIGERATOR 309			20 A	800	1500					20 A	MICROWAVE 309	56
57	RECEPTACLE Space 449			20 A			360	800			20 A	REFRIGERATOR 311	58
59	RECEPTACLE Space 456			20 A					180	1080	20 A	RECEPTACLE BEDROOM 311	60
61	MICROWAVE 311			20 A	1500	1500					20 A	MICROWAVE 313	62
63	REFRIGERATOR 313			20 A			800						64
65	SPARE			20 A					0	0	20 A	SPARE	66
67	SPARE			20 A	0	0					20 A	SPARE	68
69	SPARE			20 A			0	0			20 A	SPARE	70
71	SPARE			20 A					0	0	20 A	SPARE	72
73	SPACE			--	--	--					--	SPACE	74
75	SPACE			--			--	--			--	SPACE	76
77	SPACE			--					--	--	--	SPACE	78
79	SPACE			--	--	--					--	SPACE	80
81	SPACE			--			--	--			--	SPACE	82
83	SPACE			--					--	--	--	SPACE	84
				Total Load:	23293.2 VA		30910.8 VA		26893.2 VA				
				Total Amps:	194.1 A		262.2 A		228.7 A				
NOTES:													

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:				
P3		208/120 Wye		3		4		100.00%						
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:				
100		Surface		84						ELECTRIC 320				
CKT	DESCRIPTION			BRKR	A		B		C		BRKR	DESCRIPTION	CKT	
1					1440						20 A	MICROWAVE 301	2	
3	RECEPTACLE STORAGE 316			20 A			360		988		20 A	LIGHTING - UTILITY CORRIDOR/PUBLIC	4	
5	LIGHTING - ATTIC			20 A					250		900	20 A	RECEPTS - ATTIC	6
7	RECEPTS - ATTIC			20 A	900		517					20 A	LIGHTING	8
9	LIGHTING			20 A			456		180			20 A	RECEPTACLE BEDROOM 333	10
11	RECEPTACLE BEDROOM 331			20 A					180		180	20 A	RECEPTACLE BEDROOM 329	12
13	RECEPTACLE BEDROOM 327			20 A	180		180					20 A	RECEPTACLE BEDROOM 325	14
15	RECEPTACLE BEDROOM 323			20 A			180		180			20 A	RECEPTACLE BEDROOM 321	16
17	RECEPTACLE BEDROOM 319			20 A					180		180	20 A	RECEPTACLE BEDROOM 303	18
19	RECEPTACLE BEDROOM 305			20 A	180		180					20 A	RECEPTACLE BEDROOM 307	20
21	RECEPTACLE BEDROOM 309			20 A			180		1980			20 A	RECEPTACLE UTILITY CORRIDOR-2 314-2	22
23	RECEPTACLE BEDROOM 313			20 A					180		180	20 A	RECEPTACLE BEDROOM 312	24
25	RECEPTACLE BEDROOM 310			20 A	180		180					20 A	RECEPTACLE BEDROOM 308	26
27	RECEPTACLE BEDROOM 306			20 A			180		180			20 A	RECEPTACLE BEDROOM 304	28
29	RECEPTACLE BEDROOM 302			20 A					180		180	20 A	RECEPTACLE BEDROOM 322	30
31	RECEPTACLE BEDROOM 324			20 A	180		180					20 A	RECEPTACLE BEDROOM 326	32
33	RECEPTACLE BEDROOM 328			20 A			180		180			20 A	RECEPTACLE BEDROOM 330	34
35	RECEPTACLE BEDROOM 332			20 A					180		873	15 A	FCU - ROOMS 390, 394, 401, 464, 468, 474	36
37	FCU - ROOMS 404, 414, 413, 479, 488, 528			15 A	873		873							38
39							873		957			15 A	FCU - ROOMS 496, 322, 300, 320, 314-2	40
41	FCU - ROOMS 445, 435, 438, 510, 499, 504			15 A	873		873					15 A	FCU - ROOMS 458, 454, 448, 524, 520, 515	42
43					873		873					15 A		44
45									873					46
47														48
49														50
51														52
53														54
55														56
57														58
59														60
61														62
63														64
65	SPARE			20 A					0		0	20 A	SPARE	66
67	SPARE			20 A	0		0					20 A	SPARE	68
69	SPARE			20 A			0		0			20 A	SPARE	70
71	SPARE			20 A					0		0	20 A	SPARE	72
73	SPARE			20 A	0		0					20 A	SPARE	74
75	SPACE			--			--		--			--	SPACE	76
77	SPACE			--					--		--	--	SPACE	78
79	SPACE			--	--		--					--	SPACE	80
81	SPACE			--			--		--			--	SPACE	82
83	SPACE			--					--		--	--	SPACE	84
Total Load:				7789.3 VA		7926 VA		5472.5 VA						
Total Amps:				67.9 A		69 A		45.6 A						
NOTES:														

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:			
LP3 B		208/120 Wye		3		4							
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:			
100		Surface		60						ELECTRIC 320			
CKT	DESCRIPTION			BRKR	A		B		C		BRKR	DESCRIPTION	CKT
1	REFRIGERATOR 312			20 A	800	1500					20 A	MICROWAVE 312	2
3	RECEPTACLE BEDROOM 312			20 A			1080	180			20 A	RECEPTACLE Space 522	4
5	MICROWAVE 310			20 A					1500	800	20 A	REFRIGERATOR 310	6
7	RECEPTACLE Space 518			20 A	360	800					20 A	REFRIGERATOR 308	8
9	MICROWAVE 308			20 A			1500	1080			20 A	RECEPTACLE BEDROOM 308	10
11	MICROWAVE 306			20 A					1500	800	20 A	REFRIGERATOR 306	12
13	RECEPTACLE Space 511			20 A	360	800					20 A	REFRIGERATOR 304	14
15	MICROWAVE 304			20 A			1500	1080			20 A	MICROWAVE 304	16
17	MICROWAVE 302			20 A					1500	800	20 A	REFRIGERATOR 302	18
19	RECEPTACLE Space 500			20 A	180	800					20 A	REFRIGERATOR 322	20
21	MICROWAVE 322			20 A			1500	1080			20 A	RECEPTACLE BEDROOM 322	22
23	RECEPTACLE Space 482			20 A					180	1500	20 A	MICROWAVE 324	24
25	MICROWAVE 324			20 A	800	360					20 A	RECEPTACLE Space 485	26
27	RECEPTACLE BEDROOM 326			20 A			1080	1500			20 A	MICROWAVE 326	28
29	REFRIGERATOR 326			20 A					800	1500	20 A	MICROWAVE 328	30
31	REFRIGERATOR 328			20 A	800	360					20 A	RECEPTACLE Space 475	32
33	RECEPTACLE BEDROOM 330			20 A			1080	1500			20 A	MICROWAVE 330	34
35	REFRIGERATOR 330			20 A					800	1500	20 A	MICROWAVE 332	36
37	REFRIGERATOR 332			20 A	800	180					20 A	RECEPTACLE Space 462	38
39	SPACE			--			--	--			--	SPACE	40
41	SPACE			--					--	--	--	SPACE	42
43	SPACE			--	--	--					--	SPACE	44
45	SPACE			--			--	--			--	SPACE	46
47	SPACE			--					--	--	--	SPACE	48
49	SPACE			--	--	--					--	SPACE	50
51	SPACE			--			--	--			--	SPACE	52
53	SPACE			--					--	--	--	SPACE	54
55	SPACE			--	--	--					--	SPACE	56
57	SPACE			--			--	--			--	SPACE	58
59	SPACE			--					--	--	--	SPACE	60
Total Load:				8900 VA		14160 VA		13180 VA					
Total Amps:				74.2 A		123.5 A		115.3 A					
NOTES:													

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:	
LD3		208/120 Wye		3		4		100.00%			
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:	
100		Surface		24						ELECTRIC 320	

CKT	DESCRIPTION	BRKR	A		B		C		BRKR	DESCRIPTION	CKT
1	RECEPTACLE LAUNDRY 317	20 A	2500	2500					20 A	RECEPTACLE LAUNDRY 317	2
3					2500	2500					4
5	RECEPTACLE LAUNDRY 317	20 A					2500	2500	20 A	RECEPTACLE LAUNDRY 317	6
7			2500	2500							8
9	LAUNDRY 317	20 A			1500	1500			20 A	LAUNDRY 317	10
11	LAUNDRY 317	20 A					1500	1500	20 A	LAUNDRY 317	12
13	Other LAUNDRY 317	20 A	1500								14
15											16
17											18
19											20
21											22
23											24
Total Load:			11500 VA		8000 VA		8000 VA				
Total Amps:			95.8 A		66.7 A		66.7 A				

NOTES:

APP'D

DESCRIPTION

DATE

REV #

APPROVED

CHIEF ENGINEER

APPROVED

CIVIL ENGINEER

NKAK 22-1076
B718 DORM
LITTLE ROCK AFB

DETAILS (1)

ELECTRICAL SCHEDULES

AIR MOBILITY COMMAND



DATE: JULY 2026
DESIGNED BY: JLS
DRAWN BY: MUC
BUILDING NO.:
PROJECT NO.:
SHEET REF.:
E-604
SHEET NO.: 1 OF XX

19TH CIVIL ENGINEER SQUADRON
LITTLE ROCK, ARKANSAS

STATUS:65% PRELIMINARY DESIGN