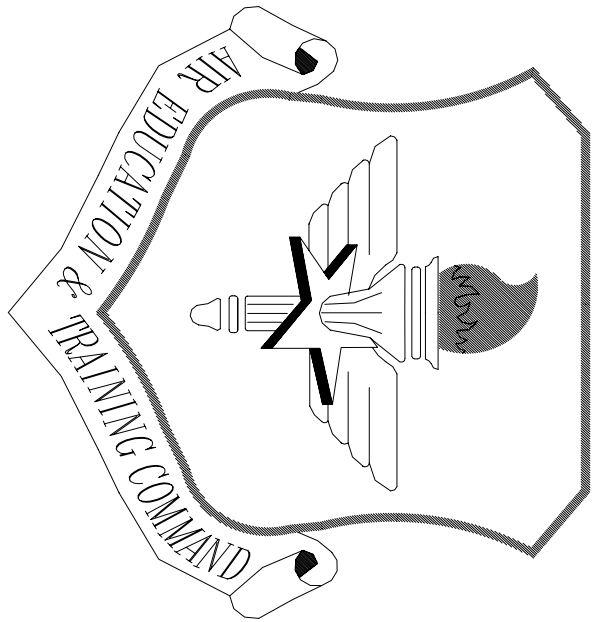




LITTLE ROCK A.F.B.
ARKANSAS

OWN ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USMC AGENCY

APP'D	BY	Date	Revision/Issue
			As-Built changes denoted by Design Item being crossed out
1			

TEMPORARY LODGING
FACILITY

ELECTRICAL PANEL
SCHEDULES
AS-BUILT

DESIGNED BY	PROJECT NUMBER
BTM	NKA002-5001
DATE	SHEET
28 MAY 2002	E17
SCALE	108 OF 108

PANELBOARD: APPE2	VOLTAGE: 208Y/120Y	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 193,780
2ND FLR WEST AND ELEC ROOM 237	TYPE: SQUARE D I LINE HON BUS	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 68,990
LOCATION: ELEC ROOM 237	TYPE: SQUARE D I LINE HON BUS	MINIMUM		TOTAL BB: 69,510
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CB: 55,280
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
13,710	2 BEDROOM UNIT 212	2/1 2	2/1 2	14,110
14,230	2 BEDROOM UNIT 213	2/25 3	4/1/25	13,230
13,710	2 BEDROOM UNIT 218	2/5 6	2/8/1/25	14,110
14,230	2 BEDROOM UNIT 216	2/25 7	8/1/25	13,230
13,710	2 BEDROOM UNIT 219	2/9 10	2/2/1	14,110
14,230	2 BEDROOM UNIT 217	2/25 11	12/1/25	13,230
14,230	2 BEDROOM UNIT 217	2/13 14	2/1/25	
14,230	TV SS	3/17 18	2/2/25	
-	-	3/17 18	2/2/25	
-	-	19/20 2/25	-	
-	-	60/21 22	2/25	
-	-	23/24	-	
-	-	23/24	-	

PANELBOARD: HPF2	VOLTAGE: 208Y/120Y	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 17,496
2ND FLR EAST AND ELEC ROOM 224	TYPE: SQUARE D NOOD	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 6,030
LOCATION: ELEC ROOM 224	TYPE: SQUARE D NOOD	MINIMUM		TOTAL BB: 5,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL CB: 5,556
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
1000	RECEPTACLES TELEPHONE TERM. BOARD	1/20 1	2/1/20	1600
600	RECEPTACLES ELEC	1/20 3	4/1/20	1600
1296	LIGHTING LOBBY 235	1/20 5	6/1/20	1600
1020	FAN COIL UNITS 35, 36 & 75	2/7 8	8/1/20	1600
1020	800 RECEPTACLES STORAGE 251	2/20 9	10/1/20	1200
800	RECEPTACLES CORRIDOR 243	1/20 11	12/1/20	1900
1530	FAN COIL UNITS 76, 77, & 81	1/20 13	14/1/20	
1530	SPARE	2/15 16		
		2/20 17	18	
		1/20 19	20	
		21 22	23	
		23 24		
		25 26		
		27 28		
		29 30		
		31 32		
		33 34		
		35 36		
		37 38		
		39 40		
		41 42		

PANELBOARD: MP	VOLTAGE: 208Y/120Y	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 59,260
LOCATION: MECHANICAL 201	TYPE: SQUARE D NOOD	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 19,955
LOCATION: MECHANICAL 201	TYPE: SQUARE D NOOD	MINIMUM		TOTAL BB: 19,925
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CB: 20,680
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
530	PUMP "P-1"	1/20 1	2/2/20	1200
1200	CIRC PUMP "CP-1"	2/20 3	4/2/20	1200
1200	CIRC PUMP "CP-2"	2/20 5	6/1/20	2255
2255	WATER HEATER "WH-1"	1/30 7	8/3	2100
2255	WATER HEATER "WH-2"	1/30 9	10/5	2100
2255	BOLTER "B-2"	1/30 11	12/35	2100
3865	CHILLED WATER PUMP "CHW-1"	3/13 14	3/15	2100
3865	CHILLED WATER PUMP "CHW-2"	3/15 16	3/17	2100
3865	CHILLED WATER PUMP "CHW-3"	3/17 18	3/19	2100
3865	CHILLED WATER PUMP "CHW-4"	3/19 20	3/21	3040
3865	CHILLED WATER PUMP "CHW-5"	3/21 22	3/23	3040
3865	CHILLED WATER PUMP "CHW-6"	3/23 24	3/25	3040
3865	CHILLED WATER PUMP "CHW-7"	3/25 26	3/27	3040
3865	CHILLED WATER PUMP "CHW-8"	3/27 28	3/29	3040
3865	CHILLED WATER PUMP "CHW-9"	3/29 30	3/31	3040
3865	CHILLED WATER PUMP "CHW-10"	3/31 32	3/33	3040
3865	CHILLED WATER PUMP "CHW-11"	3/33 34	3/35	3040
3865	CHILLED WATER PUMP "CHW-12"	3/35 36	3/37	3040
3865	CHILLED WATER PUMP "CHW-13"	3/37 38	3/39	3040
3865	CHILLED WATER PUMP "CHW-14"	3/39 40	3/41	3040
3865	CHILLED WATER PUMP "CHW-15"	3/41 42	3/43	3040

PANELBOARD: LC2	VOLTAGE: 208Y/120Y	BUS RATING: 200A	MAIN: 125A MCB	TOTAL CONNECTED VA: 28,530
LOCATION: TWO BEDROOM UNIT	TYPE: SQUARE D NO	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 13,710
LOCATION: TWO BEDROOM UNIT	TYPE: SQUARE D NO	MINIMUM		TOTAL BB: 14,230
MOUNTING: FLUSH	ENCLOSURE: NEMA 1	A.I.C. RATING: 10,000	FED FROM: PANEL ADP	TOTAL CB: 14,230
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
1200	RECEPTACLES LIVING AREA	1/20 1	2/1/20	1200
1200	RECEPTACLES BEDROOM *	1/20 3	4/1/20	1200
1000	WASHER	1/20 5	6/2	2800
1320	DISHWASHER	1/20 7	8/30	2800
2900	RANGE	2/9 10	2/2/30	1000
2900	REFRIGERATOR	2/11 12	2/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 13	14/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 15	16/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 17	18/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 19	20/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 21	22/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 23	24/1/20	1000

PROVIDE ARC-FAULT TYPE CIRCUIT BREAKER.

PANELBOARD: APPE2	VOLTAGE: 208Y/120Y	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 193,780
2ND FLR EAST AND ELEC ROOM 224	TYPE: SQUARE D I LINE HON BUS	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 68,990
LOCATION: ELEC ROOM 224	TYPE: SQUARE D I LINE HON BUS	MINIMUM		TOTAL BB: 69,510
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL CB: 55,280
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
13,710	2 BEDROOM UNIT 240	2/1 2	2/1 2	14,110
14,230	2 BEDROOM UNIT 238	2/25 3	4/1/25	13,230
13,710	2 BEDROOM UNIT 242	2/5 6	2/8/1/25	14,110
14,230	2 BEDROOM UNIT 242	2/25 7	8/1/25	13,230
13,710	2 BEDROOM UNIT 244	2/9 10	2/2/1	14,110
14,230	2 BEDROOM UNIT 243	2/25 11	12/1/25	13,230
14,230	2 BEDROOM UNIT 243	2/13 14	2/1/25	
14,230	TV SS	3/17 18	2/2/25	
-	-	3/17 18	2/2/25	
-	-	19/20 2/25	-	
-	-	60/21 22	2/25	
-	-	23/24	-	
-	-	23/24	-	

PANELBOARD: HPF2	VOLTAGE: 208Y/120Y	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 17,496
2ND FLR EAST AND ELEC ROOM 224	TYPE: SQUARE D NOOD	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 6,030
LOCATION: ELEC ROOM 224	TYPE: SQUARE D NOOD	MINIMUM		TOTAL BB: 5,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL CB: 5,556
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
1000	RECEPTACLES TELEPHONE TERM. BOARD	1/20 1	2/1/20	1600
600	RECEPTACLES ELEC	1/20 3	4/1/20	1600
1296	LIGHTING LOBBY 235	1/20 5	6/1/20	1600
1020	FAN COIL UNITS 35, 36 & 75	2/7 8	8/1/20	1600
1020	800 RECEPTACLES STORAGE 251	2/20 9	10/1/20	1200
800	RECEPTACLES CORRIDOR 243	1/20 11	12/1/20	1900
1530	FAN COIL UNITS 76, 77, & 81	1/20 13	14/1/20	
1530	SPARE	2/15 16		
		2/20 17	18	
		1/20 19	20	
		21 22	23	
		23 24		
		25 26		
		27 28		
		29 30		
		31 32		
		33 34		
		35 36		
		37 38		
		39 40		
		41 42		

PANELBOARD: HPW2	VOLTAGE: 208Y/120Y	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 16,296
2ND FLR WEST AND ELEC ROOM 237	TYPE: SQUARE D NOOD	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 6,020
LOCATION: ELEC ROOM 237	TYPE: SQUARE D NOOD	MINIMUM		TOTAL BB: 6,650
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL CB: 3,626
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
1000	RECEPTACLE TELEPHONE TERM. BOARD	1/20 1	2/1/20	1600
600	RECEPTACLE ELEC	1/20 3	4/1/20	1600
1296	LIGHTING LOBBY 207	1/20 5	6/1/20	1600
800	RECEPTS STORAGE 218	1/20 7	8/1/20	1600
800	RECEPTS CORRIDOR 215	1/20 9	10/1/20	1900
	SPARE	1/20 11	12/1/20	
		1/20 13	14	
		1/20 15	16	
		1/20 17	18	
		1/20 19	20	
		21 22	23	
		23 24	25	
		25 26	27	
		27 28	29	
		29 30	31	
		31 32	33	
		33 34	35	
		35 36	37	
		37 38	39	
		39 40	41	
		41 42	43	

144 AMPS

PANELBOARD: LC2A	VOLTAGE: 208Y/120Y	BUS RATING: 125A MCB	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 29,960
LOCATION: 2 BEDROOM ADA UNIT	TYPE: SQUARE D NO	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 15,750
LOCATION: 2 BEDROOM ADA UNIT	TYPE: SQUARE D NO	MINIMUM		TOTAL BB: 15,750
MOUNTING: FLUSH	ENCLOSURE: NEMA 1	A.I.C. RATING: 10,000	FED FROM: PANEL ADP	TOTAL CB: 14,230
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
1200	RECEPTACLES BEDROOM *	1/20 1	2/1/20	1200
1000	WASHER	1/20 3	4/2	2800
1320	DISHWASHER	1/20 5	6/30	2800
2900	RANGE	2/9 10	2/2/30	1000
2900	REFRIGERATOR	2/11 12	2/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 13	14/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 15	16/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 17	18/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 19	20/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 21	22/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 23	24/1/20	1000

PROVIDE ARC-FAULT TYPE CIRCUIT BREAKER.

PANELBOARD: LC1	VOLTAGE: 208Y/120Y	BUS RATING: 200A	MAIN: 125A MCB	TOTAL CONNECTED VA: 27,340
LOCATION: ONE BEDROOM UNIT	TYPE: SQUARE D NO	EQUIP. GRO. BUS: YES	ISO. GRO. BUS: NO	TOTAL AB: 14,110
LOCATION: ONE BEDROOM UNIT	TYPE: SQUARE D NO	MINIMUM		TOTAL BB: 14,110
MOUNTING: FLUSH	ENCLOSURE: NEMA 1	A.I.C. RATING: 10,000	FED FROM: PANEL ADP	TOTAL CB: 13,230
LOAD (VA)	SERVICES	P/T CR NO. NO.	P/T CR NO. NO.	LOAD (VA)
A# B# C#				A# B# C#
1200	RECEPTACLES LIVING AREA	1/20 1	2/1/20	1200
1200	RECEPTACLES BEDROOM *	1/20 3	4/1/20	1200
1000	WASHER	1/20 5	6/2	2800
1320	DISHWASHER	1/20 7	8/30	2800
2900	RANGE	2/9 10	2/2/30	1000
2900	REFRIGERATOR	2/11 12	2/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 13	14/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 15	16/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 17	18/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 19	20/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 21	22/1/20	1000
1000	RECEPTACLES KITCHEN	1/20 23	24/1/20	1000

PROVIDE ARC-FAULT TYPE CIRCUIT BREAKER.

144 AMPS

538.8 AMPS										
PANELBOARD: ADPF2		BUS RATING: 400A		MAIN: LUGS ONLY		TOTAL CONNECTED VA: 193,780				
2ND FLR EAST LOCATION/ELEC ROOM 224		MFG AND TYPE: SQUARE D 1 LINE HCN		EQUIP. GRO. BUS YES		ISOL. GRO. BUS NO				
MOUNTING: SURFACE		ENCLOSURE: NEMA 1		MINIMUM A.I.C. RATING: 22,000		FED FROM: MDP				
LOAD (VA)		SERVICES		P/T CR NO. NO.		P/T CR NO. NO.		LOAD (VA)		
A#	B#	C#						A#	B#	C#
13,710			2	1	2	1	2	14,110		
14,230			2	5	6	2	2	13,230		
13,710			2	5	6	2	2			14,110
14,230			2	9	10	2	2	13,230		
			2	9	10	2	2			14,110
14,230			2	13	14	2	2			13,230
13,710			2	15	16	2	2			
14,230			2	17	18	2	2			
			3	19	20	2	2			
			60	21	22	2	2			
			1/20	23	24	2	2			
					25					