WIRING PANEL SCHEDULE 'A1' FIRST FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	LTG - 115, 116	1	20	10.0	6.0		2	RECP - 115	1	20
3	LTG - 117, 118	1	20		10.0	6.0	4	RECP - 116	1	20
5	LTG - 119, 120	1	20			10.0	6.0	6	RECP - 116	1	20
7	LTG - 121, 121	1	20	10.0	6.0		8	RECP - 116	1	20
9	LTG - 123, 124	1	20		10.0	6.0	10	RECP - 117	1	20
11	LTG - 123, 122	1	20			10.0	6.0	12	RECP - 117	1	20
13	LTG - 111, 110, 112, 113, 114, 108, 109	1	20	13.7	6.0		14	RECP - 118	1	20
15	LTG - 106	1	20		8.7	6.0	16	RECP - 118	1	20
17	LTG - 104	1	20			11.0	6.0	18	RECP - 119	1	20
19	LTG - STAIR #1, 2, 3	1	20	14.0	6.0		20	RECP - 119	1	20
21	LTG - 107, 109, 101, 129	1	20		6.0	6.0	22	RECP - 120	1	20 ●
* 23	LTG - 107, 109, 100, 129 (EM)	1	20			10.3	6.0	24	RECP 120	1	20 ●
25	LTG - BLDG EXT. WALL	1	20	9.2	6.5		26	RECP FAN COIL - 115	1	20
27	LTG - EXT. WALK AND PARKING	2	20		8.0	6.5	28	RECP FAN COIL - 116	1	20
						8.0	6.5	30	RECP FAN COIL - 117	1	20
* 29	DOOR MONITOR CONTROL PNL	1	20	6.0	6.5		32	RECP FAN COIL - 118	1	20
31	PUBLIC ADDRESS AMP. RACK	1	20		6.0	6.5	34	RECP FAN COIL - 119	1	20
* 33	FIRE ALARM CONTROL PNL	1	20			2.0	6.5	36	RECP FAN COIL - 120	1	20 ●
35	SPARE	1	20	-	-		38	SPARE	1	20
37	SPARE	1	20		-	-	40	SPARE	1	20
39	SPARE	1	20			-	-	42	SPARE	1	20

CONNECTED LOAD = 100 AMPS

DEMAND LOAD = 77 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'D1' SECOND FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	LTG - 212, 213	1	20	10.0	6.0		2	RECP - 212	1	20
3	LTG - 214, 215	1	20		10.0	6.0	4	RECP - 212	1	20
5	LTG - 216, 211	1	20			10.0	6.0	6	RECP - 213	1	20
7	LTG - 224, 223	1	20	10.0	6.0		8	RECP - 213	1	20
9	LTG - 222, 221	1	20		10.0	6.0	10	RECP - 214	1	20
11	LTG - 220, 219	1	20			10.0	6.0	12	RECP - 214	1	20
13	LTG - 208, 207	1	20	10.0	6.0		14	RECP - 215	1	20
15	LTG - 201, 202	1	20		10.0	6.0	16	RECP - 215	1	20
17	LTG - 206, 203	1	20			10.0	6.0	18	RECP - 216	1	20
19	LTG - 209, 210, 211	1	20	3.1	6.0		20	RECP - 216	1	20
21	LTG - 205, 200, 226	1	20		6.0	6.0	22	RECP - 217	1	20 ●
* 23	LTG - 205, 200, 226 (EM)	1	20			10.3	6.0	24	RECP - 217	1	20 ●
25	RECP - 211, 210	1	20	4.5	6.5		26	RECP FAN COIL - 212	1	20
27	RECP - FCU - 205, 226 (CORR)	1	20		8.5	6.5	28	RECP FAN COIL - 213	1	20
29	RECP - FCU - 226 (CORR)	1	20			10.0	6.5	30	RECP FAN COIL - 214	1	20
31	RECP - 209 (TELE)	1	20	2.0	6.5		32	RECP FAN COIL - 215	1	20
33	FCU - 200	1	15		3.5	6.5	34	RECP FAN COIL - 216	1	20
35	SPARE	1	20			-	6.5	36	RECP FAN COIL - 217	1	20 ●
37	SPARE	1	20	-	-		38	SPARE	1	20
39	SPARE	1	20		-	-	40	SPARE	1	20
41	SPARE	1	20			-	-	42	SPARE	1	20

CONNECTED LOAD = 87 AMPS

DEMAND LOAD = 67 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'E1' THIRD FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	LTG - 312, 313	1	20	10.0	6.0		2	RECP - 312	1	20
3	LTG - 314, 315	1	20		10.0	6.0	4	RECP - 312	1	20
5	LTG - 316, 317	1	20			10.0	6.0	6	RECP - 313	1	20
7	LTG - 324, 323	1	20	10.0	6.0		8	RECP - 313	1	20
9	LTG - 322, 321	1	20		10.0	6.0	10	RECP - 314	1	20
11	LTG - 320, 319	1	20			10.0	6.0	12	RECP - 314	1	20
13	LTG - 308, 307	1	20	10.0	6.0		14	RECP - 315	1	20
15	LTG - 301, 302	1	20		10.0	6.0	16	RECP - 315	1	20
17	LTG - 306, 303	1	20			10.0	6.0	18	RECP - 316	1	20
19	LTG - 309, 310, 311	1	20	3.1	6.0		20	RECP - 316	1	20
21	LTG - 305, 300, 326	1	20		6.0	6.0	22	RECP - 317	1	20 ●
* 23	LTG - 305, 300, 326 (EM)	1	20			10.3	6.0	24	RECP - 317	1	20 ●
25	RECP - 311, 310	1	20	4.5	6.5		26	RECP FAN COIL - 312	1	20
27	RECP - FCU - 305, 326 (CORR)	1	20		8.5	6.5	28	RECP FAN COIL - 313	1	20
29	RECP - FCU - 326 (CORR)	1	20			10.0	6.5	30	RECP FAN COIL - 314	1	20
31	RECP - 309 (TELE)	1	20	12.0	6.5		32	RECP FAN COIL - 315	1	20
33	FCU - 300	1	15		3.5	6.5	34	RECP FAN COIL - 316	1	20
35	LTG AND RECP - ATTIC SPACE	1	20			3.4	6.5	36	RECP FAN COIL - 317	1	20 ●
37	SPARE	1	20	-	-		38	SPARE	1	20
39	SPARE	1	20		-	-	40	SPARE	1	20
41	SPARE	1	20			-	-	42	SPARE	1	20

CONNECTED LOAD = 87 AMPS

DEMAND LOAD = 67 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'A2' FIRST FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	RECP - 127	1	20	6.0	6.0		2	RECP - 104	1	20
3	RECP - 127	1	20		6.0	6.0	4	RECP - 104	1	20
5	RECP - 126	1	20			6.0	6.0	6	RECP - 104	1	20
7	RECP - 126	1	20	6.0	7.5		8	RECP - 106	1	20
9	RECP - 125	1	20		6.0	7.5	10	RECP - 106	1	20
11	RECP - 125	1	20			6.0	12.0	12	RECP - 110 (TELE)	1	20
13	RECP - 124	1	20	6.0	7.5		14	RECP - 103	1	20
15	RECP - 124	1	20		6.0	9.0		16	RECP - 108, 111, 113, 114	1	20
17	RECP - 123	1	20			6.0	8.0	18	RECP - 112, 102, CUH	1	20
19	RECP - 123	1	20	6.0	7.0		20	RECP - 101 (EWC)	1	20
● 21	RECP - 122	1	20		6.0	10.0	22	RECP, FCU, CHU - 107, 129 (CORR)	1	20
● 23	RECP - 122	1	20			6.0	12.0	24	RECP, FCU, CUH - 129 (CORR)	1	20
25	RECP, FAN COIL - 127	1	20	2.5	6.8		26	FCU - 104	1	20
27	RECP, FAN COIL - 126	1	20		6.5	12.4	28	FCU - 104	1	15
29	RECP, FAN COIL - 125	1	20			6.5	6.8	30	FCU - 106	1	20
31	RECP, FAN COIL - 124	1	20	6.5	6.0		32	FCU - 101, CHU - 109	1	20
33	RECP, FAN COIL - 123	1	20		6.5	-	34	SPARE	1	20
● 35	RECP, FAN COIL - 122	1	20			6.5	-	36	SPARE	1	20
37	SPARE	1	20	-	-		38	SPARE	1	20
39	SPARE	1	20		-	-	40	SPARE	1	20
41	SPARE	1	20			-	-	42	SPARE	1	20

CONNECTED LOAD = 82 AMPS

DEMAND LOAD = 65 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'D2' SECOND FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	RECP - 224	1	20	6.0	6.0		2	RECP - 208	1	20
3	RECP - 224	1	20		6.0	6.0	4	RECP - 208	1	20
5	RECP - 223	1	20			6.0	6.0	6	RECP - 207	1	20
7	RECP - 223	1	20	6.0	6.0		8	RECP - 207	1	20
9	RECP - 222	1	20		6.0	6.0	10	RECP - 206	1	20
11	RECP - 222	1	20			6.0	6.0	12	RECP - 206	1	20
13	RECP - 221	1	20	6.0	7.5		14	RECP, FAN COIL - 208	1	20
15	RECP - 221	1	20		6.0	6.5	16	RECP, FAN COIL - 207	1	20
17	RECP - 220	1	20			6.0	6.5	18	RECP, FAN COIL - 206	1	20
19	RECP - 220	1	20	6.0	6.0		20	RECP - 201	1	20
● 21	RECP - 219	1	20		6.0	6.0	22	RECP - 201	1	20
● 23	RECP - 219	1	20			6.0	6.0	24	RECP - 202	1	20
25	RECP, FAN COIL - 224	1	20	6.9	6.0		26	RECP - 202	1	20
27	RECP, FAN COIL - 223	1	20		6.9	6.0	28	RECP - 203	1	20
29	RECP, FAN COIL - 222	1	20			6.5	6.0	30	RECP - 203	1	20
31	RECP, FAN COIL - 221	1	20	6.5	3.0		32	RECP, FAN COIL - 201	1	20
33	RECP, FAN COIL - 220	1	20		6.5	6.0	34	RECP, FAN COIL - 202	1	20
● 35	RECP, FAN COIL - 219	1	20			6.5	7.5	36	RECP, FAN COIL - 203	1	20
37	SPARE	1	20	-	-		38	SPARE	1	20
39	SPARE	1	20		-	-	40	SPARE	1	20
41	SPARE	1	20			-	-	42	SPARE	1	20

CONNECTED LOAD = 78 AMPS

DEMAND LOAD = 55 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'E2' THIRD FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	RECP - 324	1	20	6.0	6.0		2	RECP - 308	1	20
3	RECP - 324	1	20		6.0	6.0	4	RECP - 308	1	20
5	RECP - 323	1	20			6.0	6.0	6	RECP - 307	1	20
7	RECP - 323	1	20	6.0	6.0		8	RECP - 307	1	20
9	RECP - 322	1	20		6.0	6.0	10	RECP - 306	1	20
11	RECP - 322	1	20			6.0	6.0	12	RECP - 306	1	20
13	RECP - 321	1	20	6.0	7.5		14	RECP, FAN COIL - 308	1	20
15	RECP - 321	1	20		6.0	6.5	16	RECP, FAN COIL - 307	1	20
17	RECP - 320	1	20			6.0	6.5	18	RECP, FAN COIL - 306	1	20
19	RECP - 320	1	20	6.0	6.0		20	RECP - 301	1	20
● 21	RECP - 319	1	20		6.0	6.0	22	RECP - 301	1	20
● 23	RECP - 319	1	20			6.0	6.0	24	RECP - 302	1	20
25	RECP, FAN COIL - 324	1	20	4.5	6.0		26	RECP - 302	1	20
27	RECP, FAN COIL - 323	1	20		6.5	6.0	28	RECP - 303	1	20
29	RECP, FAN COIL - 322	1	20			6.5	6.0	30	RECP - 303	1	20
31	RECP, FAN COIL - 321	1	20	6.5	3.0		32	RECP, FAN COIL - 301	1	20
33	RECP, FAN COIL - 320	1	20		6.5	6.5	34	RECP, FAN COIL - 302	1	20
● 35	RECP, FAN COIL - 319	1	20			6.5	7.5	36	RECP, FAN COIL - 303	1	20
37	SPARE	1	20	-	8.0		38	EF - B - 3 (EF - B - 4) 2HP ATTIC	3	20
39	SPARE	1	20		-	8.0	40	SPARE		
41	EF - B - 2, EF - B - 5 ATTIC	1	20			2.8	8.0	42	SPARE		

CONNECTED LOAD = 86 AMPS

DEMAND LOAD = 63 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'B' FIRST FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 225 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
● 1	RECP - 108 (DRYER)	2	30	25	25		2	RECP - 108 (DRYER)	2	30 ●
					25	25				
3	RECP - 108 (DRYER)	2	30			25	25	4	RECP - 108 (DRYER)	2	30
				25	25					
5	RECP - 108 (DRYER)	2	30		25	25		6	RECP - 108 (DRYER)	2	30
						25	25				
7	RECP - 108 (DRYER)	2	30	25	25			8	RECP - 108 (DRYER)	2	30
					25	25					
9	RECP - 108 (DRYER)	2	30			25	25	10	RECP - 108 (DRYER)	2	30
				25	25						
● 11	RECP - 108 (WASHER)	1	20		7.2	7.2		12	RECP - 108 (WASHER)	1	20
● 13	RECP - 108 (WASHER)	1	20				7.2	14	RECP - 108 (WASHER)	1	20
15	RECP - 108 (WASHER)	1	20	7.2	7.2			16	RECP - 108 (WASHER)	1	20
17	RECP - 108 (WASHER)	1	20			7.2	7.2	18	RECP - 108 (WASHER)	1	20
19	RECP - 108 (WASHER)	1	20				7.2	20	RECP - 108 (WASHER)	1	20
21	MAU - B - 2 - 3/4 HP (MAU - B - 1) 1/2 HP	3	15	3.3	-			22	SPARE	1	20
					3.9	6.0		24	P - B - 3 (P - B - 4) 1/4 HP	1	15
							3.3	26	SPARE	1	20
	SPACE	3	-	-	-			28	SPARE	3	20
						-	-				
							-	-			

CONNECTED LOAD = 219 AMPS

DEMAND LOAD = 114 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'C' FIRST FLOOR

3 PHASE 4 WIRE 120/208 VOLTS 100 AMP MAINS SURFACE MOUNTED

CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP	AMPERE Ø A Ø	AMPERE Ø B Ø	AMPERE Ø C Ø	CIR-CUIT	DESCRIPTION	BREAKER POLE	BREAKER AMP
1	UH - B - 1 1/10 HP	1	15	2.0	4.0		2	110° CIRC PUMP 1/8 HP	1	15
3	EF - B - 1 1/6 HP	1	20		7.2	6.0	4	140° CIRC PUMP 1/4 HP	1	15
5	SPARE	1	20			-	6.0	6	P - B - 6 (P - B - 7) 1/4 HP	1	15
7	SPARE	1	20	-	13.3			8	P - B - 5 3/4 HP	3	15
9	SPARE	1	20		-	13.3					
11	SPARE	1	20			-	13.3				
13	P - B - 1 (P - B - 2) 2 HP	3	20	8.0	11.0			10	AHU - B - 1 (AHU - B - 2) 3 HP	3	20
					8.0	11.0					
							8.0	11.0			
15	SPARE	3	20	-	14.2			16	AIR COMPRESSOR 1 HP	3	15
					-	14.2					

CONNECTED LOAD = 36 AMPS

DEMAND LOAD = 32 AMPS

MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS

MAIN LUGS ONLY

* BREAKER HANDLE SHALL BE PAINTED RED AND BE PROVIDED WITH LOCK ATTACHMENT.

● SPARE CIRCUIT IN BARRACKS No. 5.

REV	DATE	DESCRIPTION	BY
	MAY 90	AS BUILT	

US Army Corps of Engineers

U.S. ARMY ENGINEER DISTRICT, BALTIMORE
CORPS OF ENGINEERS
BALTIMORE, MARYLAND

ABERDEEN PROVING GROUND MARYLAND

ENLISTED BARRACKS PHASE IV
BARRACKS BLDG.

PANEL BOARD SCHEDULE

DRAWING NUMBER F-721-90-12 PLATE 185

SCALE: NONE DATE: 5 FEB. 1987 SHEET E-12

41889