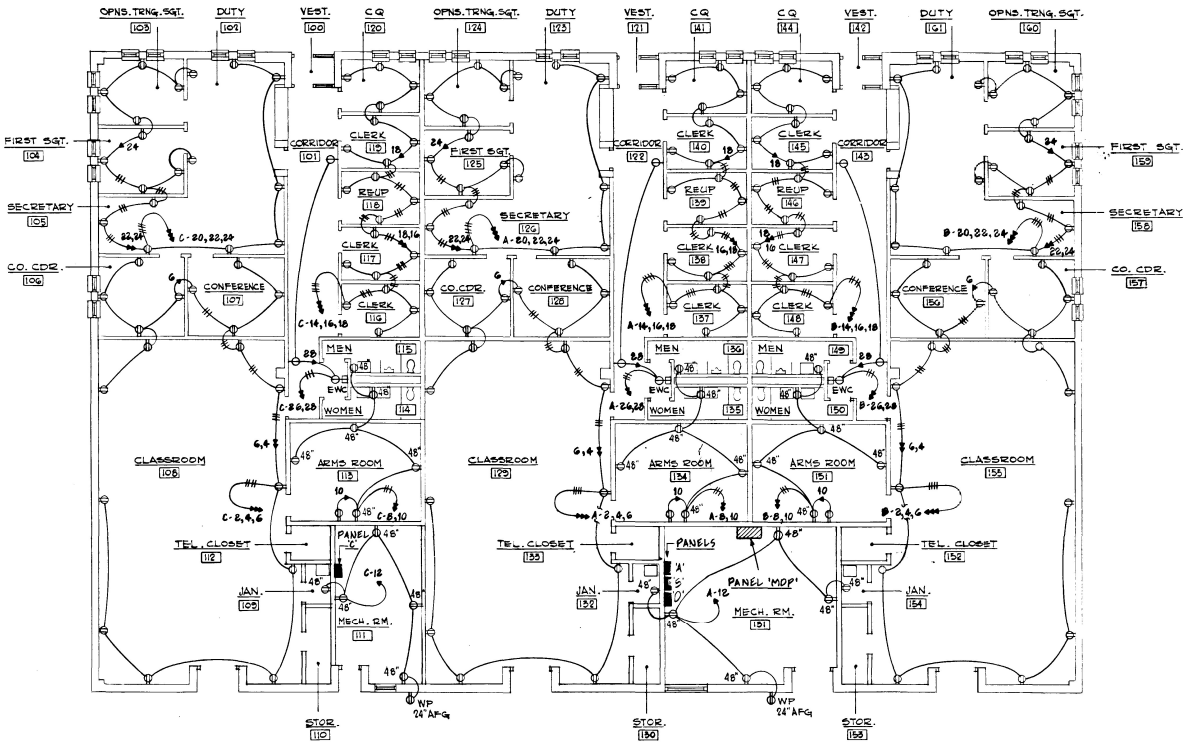

FLOOR PLAN - RECEPTACLES

SCALE: 1/8" = 1'-0"

WIRING PANEL SCHEDULE 'B'

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 - 152 THRU 155	1	20	3.9	2.0		2	RECP - 155	1	20
3	LTG - 155	1	20		8.8	9.0	4	RECP - 156, 156	1	20
5	LTG - 155	1	20			7.7	9.0	6	RECP - 167, 165	1	20
7	LTG - 155	1	20	8.8	9.0		8	RECP - 151, 150, 149	1	20
9	SPARE	1	20		4.4	7.0	10	RECP - 151 (DEHUMIDIFIER)	1	20
11	SPARE	1	20			-	-	12	SPARE	1	20
13	LTG - 151, 150, 149, 148, 142	1	20	3.9	11.0			14	RECP - 148, 147	1	20
15	LTG - 155, 149 (EM)	1	20			5.1	11.1	16	RECP - 147, 146, 145	1	20
17	LTG - 144 THRU 148	1	20				11.0	9.0	18	RECP - 145, 144	1	20
19	LTG - 156, 157	1	20	5.8	9.0			20	RECP - 158, 161	1	20
21	LTG - 161, 158	1	20		10.0	9.0		22	RECP - 158, 159, 161	1	20
23	LTG - 159, 160	1	20			6.0	9.0	24	RECP - 159, 160, 161	1	20
25	SPARE	1	20	-	7.0			26	RECP - 163 (EWC)	1	20
27	SPARE	1	20		-	13.0		28	RECP - 163, CUH (CORR.)	1	20
29	SPARE	1	20			-	11.0	30	RECP - 162 (TELEPHONE)	1	20
31	EF-A-1, 1/6 HP; EF-A-4, 1/25 HP	1	20	6.1	-			32	SPARE	1	20
33	UH-A-2, 1/20 HP; EF-A-7, 1/25 HP	1	20		9.5	-		34	SPARE	1	20
35	SPARE	1	20			-	-	36	SPARE	1	20
37	LTG - BLDG EXT. WALL	1	20	8.4	-			38	SPARE	1	20
39	LTG - EXT. WALK AND PARKING	2	20		9.0	-		40	SPARE	1	20
						3.0	-	42	SPARE	1	20

CONNECTED LOAD = 93 AMPS
DEMAND LOAD = 79 AMPS
MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS MAIN LUGS ONLY

WIRING PANEL SCHEDULE 'C'

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 - 108, 109, 110, 112	1	20	3.9	2.0		2	RECP - 108	1	20
3	LTG - 108	1	20		8.8	9.0	4	RECP - 105, 107	1	20
5	LTG - 108	1	20			7.7	9.0	6	RECP - 106, 105	1	20
7	LTG - 108	1	20	3.9	2.0		8	RECP - 115, 114, 115	1	20
9	LTG - 111	1	20		3.0	7.0	10	RECP - 113 (DEHUMIDIFIER)	1	20
11	SPARE	1	20			-	9.0	12	RECP - 111, 109, EXTERIOR	1	20
13	LTG - 113, 114, 115, 101, 100	1	20	9.9	11.0			14	RECP - 116, 117	1	20
15	LTG - 108, 101 (EM)	1	20		5.1	11.0		16	RECP - 117, 118, 119	1	20
17	LTG - 116 THRU 120	1	20			11.0	9.0	18	RECP - 119, 120	1	20
19	LTG - 106, 107	1	20	5.8	2.0			20	RECP - 106, 102	1	20
21	LTG - 105, 102	1	20		10.0	9.0		22	RECP - 105, 104, 102	1	20
23	LTG - 104, 103	1	20			6.0	9.0	24	RECP - 104, 103, 102	1	20
25	SPARE	1	20	-	7.0			26	RECP - 101 (EWC)	1	20
27	SPARE	1	20		-	13.0		28	RECP - 101, CUH (CORR.)	1	20
29	SPARE	1	20			-	11.2	30	RECP - 112 (TELEPHONE)	1	20
31	EF-A-3, 1/6 HP; EF-A-6, 1/25 HP	1	20	6.1	1			32	SPARE	1	20
33	EF-A-11, 1/6 HP	1	15		4.5	-		34	SPARE	1	20
35	UH-A-1, 1/20 HP; EF-A-2, 1/6 HP	1	20			3.5	-	36	SPARE	1	20
37	SPARE	1	20	-	2.9			38	RF-A-2, 1/2 HP	3	15
39	SPARE	1	20			-	2.9				
41	SPARE	1	20								

CONNECTED LOAD = 87 AMPS
DEMAND LOAD = 74 AMPS
MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS MAIN LUGS ONLY

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

WIRING PANEL SCHEDULE 'D'

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	P-A-1, 1/2 HP	1	15	2.9	10.1		2	ELECT. WATER HTR, 3.5 KW	1	20
					2.9	10.0				
3	RF-A-3, 1/2 HP	3	15	2.9	2.9		4	RF-A-4, 1/2 HP	3	15
					2.9	6.3				
5	AHU-A-3, 1 1/2 HP	3	15	6.0	6.0		6	AHU-A-4, 1 1/2 HP	3	15
					2.0	6.0				
7	AHU-A-1, 3 HP	3	20	11.0	-		8	SPARE	3	20
					11.0	-				
9	RF-A-5, 1/2 HP (MECH. 111)	3	15	2.9	2.9		10	AHU-A-5, 1/2 HP (MECH. 111)	3	15
					2.9	6.3				
11	AHU-A-2, 1 HP (MECH. 111)	3	15	4.8	-		12	SPARE	3	20
					4.8	-				
	SPACE	3	-	-	-			SPACE	3	-
					-	-				

CONNECTED LOAD = 49 AMPS
DEMAND LOAD = 44 AMPS
MINIMUM A.I.C. RATING = 10,000 AMPS SYMMETRICAL

TOTALS MAIN LUGS ONLY

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GRAPHIC SCALES

SCALE: 1/8 IN. = 1 FT

4 0 4 8 12 16 20

REV	DATE	DESCRIPTION	BY
△	MAY 90	REVISED AS BUILT	
△	12 JAN 90	REVISED PER MOD P00007	

US Army Corps of Engineers

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

ABERDEEN PROVING GROUND MARYLAND

ENLISTED BARRACKS PHASE IV
ADMIN. AND SUPPLY BLDG.
FLOOR PLAN
RECEPTACLES AND PANEL BOARD SCHEDULES

DRAWING NUMBER F-721-90-12 PLATE 187

SCALE: AS SHOWN DATE: 5 FEB. 1987 SHEET E-14

41691