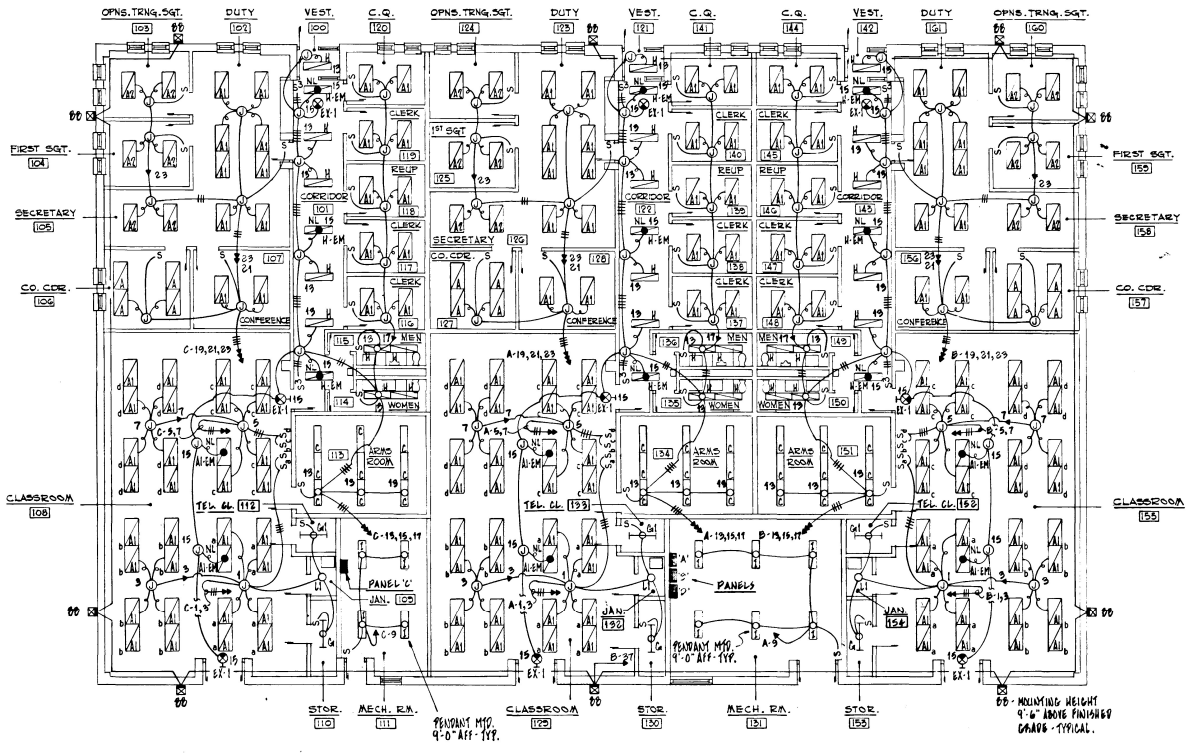

FLOOR PLAN - LIGHTING

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

WIRING PANEL SCHEDULE 'MDP'

3 PHASE 4 WIRE 120/208 VOLTS 600 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	PANEL 'A' (MECH RM. 131)	3	175	109	89		2	PANEL 'C' (MECH. RM. 111)	3	175
					109	89				
						109	89			
3	PANEL 'B' (MECH RM. 131)	3	175	95	63		4	PANEL 'D' (MECH. RM. 131	3	125
						95	63			
					95	63				
5	SPARE	3	20	-	-			SPACE	3	-
					-	-				
						-	-			

CONNECTED LOAD = 340 AMPS

DEMAND LOAD = 283 AMPS

MINIMUM A.I.C. RATING = 22,000 AMPS SYMMETRICAL

TOTALS

MAIN BREAKER 400 AMPS

WIRING PANEL SCHEDULE 'A'

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-129, 130, 132, 133	1	20	9.6	9.0		2	RECP-129	1	20
	3	LTG-129	1	20		8.8	9.0	4	RECP-129, 128	1	20
	5	LTG-129	1	20			7.7	9.0	6 RECP-127, 129	1	20
	7	LTG-129	1	20	5.8	9.0			8 RECP-134, 135, 136	1	20
	9	LTG-131	1	20			4.4	7.0	10 RECP-134 (DEHUMIDIFIER)	1	20
	11	SPARE	1	20				-	11.0 12 RECP-131, 132, 154, EXTERIOR	1	20
	13	LTG-134, 135, 136, 122, 121	1	20	9.9	11.0			14 RECP-137, 139	1	20
*	15	LTG-129, 122 (EM)	1	20			5.1	11.0	16 RECP-138, 139, 140	1	20
	17	LTG-131 THRU 141	1	20				11.0	9.0 18 RECP-140, 141	1	20
	19	LTG-128, 127	1	20	5.2	9.0			20 RECP-126, 123	1	20
	21	LTG-123, 126	1	20			12.0	9.0	22 RECP-126, 125, 123	1	20
	23	LTG-125, 124	1	20				6.0	9.0 24 RECP-125, 124, 123	1	20
	25	SPARE	1	20	-	7.0			26 RECP-122 (EWC)	1	20
	27	SPARE	1	20			-	9.0	28 RECP-122, CUH (CORR)	1	20
	29	SPARE	1	20				-	12.0 30 RECP-133 (TELEPHONE)	1	20
	31	EF-A2, 1/6 HP - EF-A-5, 1/25 HP	1	20	6.1	-			32 SPARE	1	20
	33	EF-A-10, 1/3 HP	1	20			7.2	-	34 SPARE	1	20
	35	EF-A-8, 1/25 HP	1	15				2.0	10.0 36 AIR COMPRESSOR 1/2 HP	1	20
*	37	FIRE ALARM PANEL	1	20	12.0	9.3			38 RF-A1, 3/4 HP	3	15
*	39	I.D.S. (ARMS RM.)	1	20			16.0	9.3			
	41	SPARE	1	20				-	9.3		

CONNECTED LOAD = 101 AMPS

DEMAND LOAD = 86 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.

N

SCALE: 1/8 IN. = 1 FT

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
ADMIN. & SUPPLY
FLOOR PLAN
LIGHTING AND PANEL BOARD SCHEDULE

DRAWING NUMBER F-721-90-12 PLATE 186

SCALE: AS SHOWN DATE: 5 FEB. 1987 SHEET E-13

41890