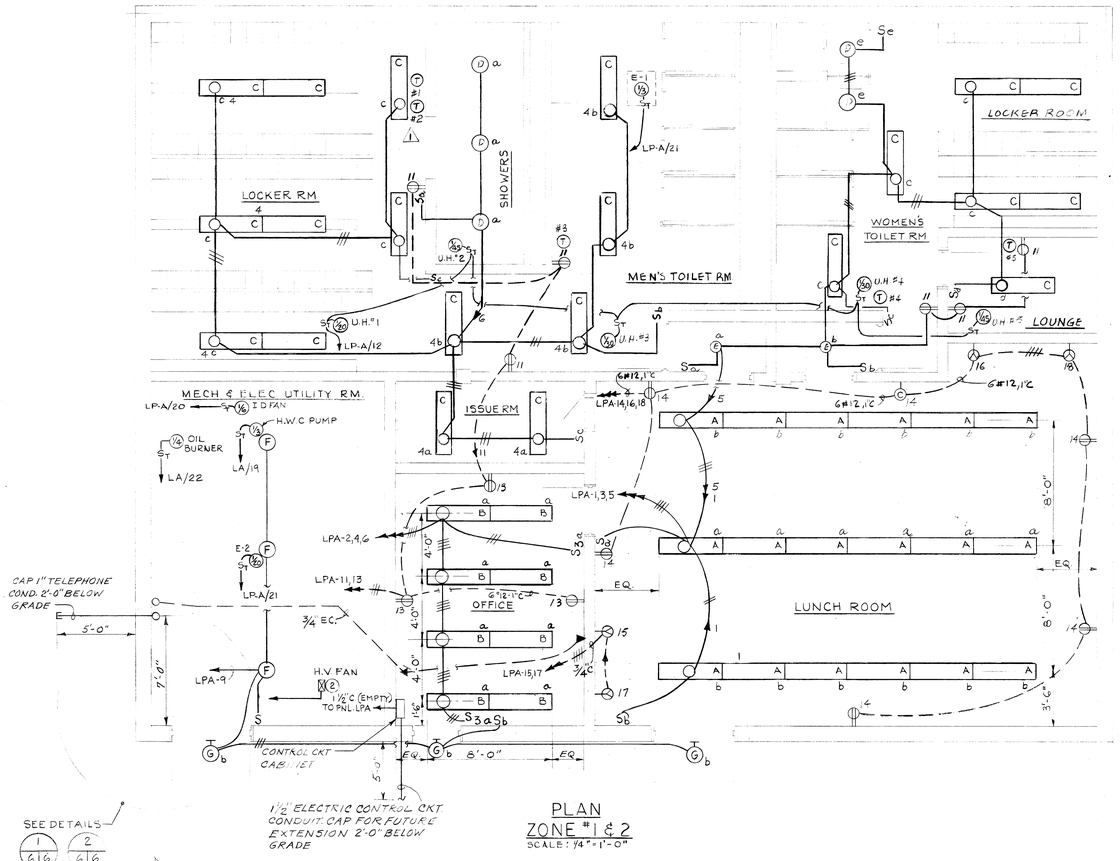
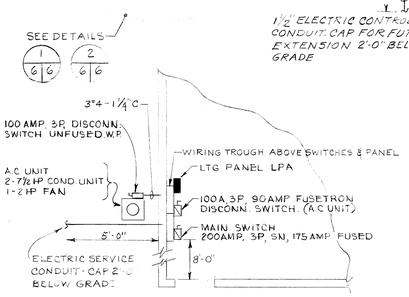
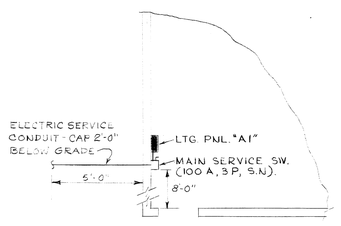


PLAN
ZONE #1 & 2
SCALE: 1/4" = 1'-0"



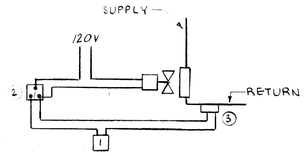
PART PLAN ZONE #3
ELECTRIC SERVICE DETAIL
N.T.S.



PART PLAN ZONE #1 & 2
ELECTRIC SERVICE DETAIL
N.T.S.

HOT WATER CIRC. PUMP SCHEDULE		
ZONE	HP	AREA
+20°	1/6	M.E.& UTILITY RM
0°	1/4	" " " "
-20°	1/3	" " " "

EXHAUST FAN SCHEDULE				
FAN NO.	MOTOR H.P.	VOLTS	PHASE	LOCATION
E-1	1/3	115	1-Φ	MENS TOILET RM.
E-2	1/20	115	1-Φ	ROOF EXH. MECH. & ELEC UTILITY RM.



UNIT HEATER CONTROL DIAGRAM

CONTROL SCHEDULE FOR UNIT HEATERS - ALL ZONES				
NO.	DESCRIPTION	LOCATION	ACTION	OPERATION
1	ROOM THERMOSTAT	ROOM SERVED	D.A	STARTS FAN MOTOR
2	HAND-OFF-AUTOMATIC SWITCH	THERMOSTAT BASE		HAND-OFF-AUTOMATIC
3	STRAP ON AQUASTAT	ON RETURN PIPE NEAR U.H		PREVENTS FAN OPERATION WHEN WATER TEMPERATURE

UNIT HEATER SCHEDULE									
UNIT HTR NO.	ZONE								
	NO.1 -20°F			NO.2 0°F			NO.3 +20°F		
	H.P	VOLTS	PHASE	H.P	VOLTS	PHASE	H.P	VOLTS	PHASE
UH-1	1/20	120	1Φ	1/20	120	1Φ	1/30	120	1Φ
UH-2	1/30	120	1Φ	1/30	120	1Φ	1/45	120	1Φ
UH-3	1/30	120	1Φ	1/30	120	1Φ	1/30	120	1Φ
UH-4	1/30	120	1Φ	1/30	120	1Φ	1/30	120	1Φ
UH-5	1/45	120	1Φ	1/30	120	1Φ	1/45	120	1Φ

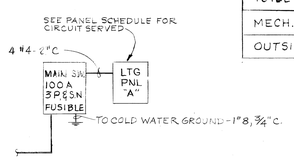
FIXTURE SCHEDULE					
AREA	TYPE	OLE TYPE	LAMPS		DWG. NO. 40-06-04
			NO	WATTS	
LUNCH ROOM	A	F-20-2	2	40W RS	48
OFFICE	B	F-20-3	3	40W RS	48
LOCKER & TOILET RM.	C	F-9, F10	2	40W RS	43
SHOWERS	D	V-1	1	100W I.F	8
TOILET ENTRANCE	E	CL-1	2	60W I.F	18
MECH. & ELECT. RM.	F	I-3	1	200W	3
OUTSIDE LTG.	G	VG-4	1	150W	11

SYMBOLS

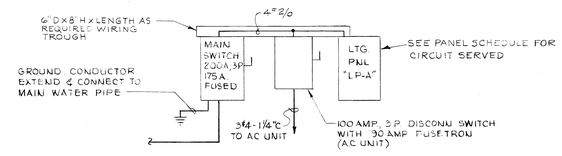
- CEILING OUTLET INCANDESCENT LTG. FIXT. CEILING BOX MOUNTING
- FLUORESCENT LTG FIXT. RECESSED
- FLUORESCENT LTG FIXT. SWIVEL STEM SUSPENSION
- DUPLEX OUTLET 1'-0" ABOVE FINISHED FLOOR (A.F.F.)
- 20A 250V. RECEPTACLE AND PLUG, POLARIZED 1'-0" A.F.F
- MOTOR
- THERMOSTAT
- CLOCK OUTLET - 18" BELOW CEILING.
- S SINGLE POLE SWITCH, 4'-6" A.F.F.
- S3 THREE-WAY SWITCH
- BRANCH CIRCUIT, CONCEALED IN CLG. OR WALL
- BRANCH CIRCUIT, EXPOSED,
- HOME RUN TO PANELBOARD. NO. OF ARROWS INDICATES NO. OF CIRCUITS
- CONDUIT INSTALLED UNDER FLOOR.
- CROSSMARKS ON CONDUIT RUN INDICATES NUMBER OF #12 WIRES. WHERE CROSSMARKS ARE NOT INDICATED, 2 #12 WIRES ARE REQUIRED, UNLESS OTHERWISE NOTED.
- TELEPHONE OUTLET 1'-0" AFF.
- DISCONNECT SWITCH.
- COMBINATION C.B. & MOTOR STARTER
- LIGHTING PANEL.

NOTE

1. PENDENT FIXTURES MOUNTED 8'-0" ABOVE FINISH FLOOR



RISER - ZONE #1 & 2
(SEE NOTE #6)



RISER - ZONE #3
N.T.S.

LTG PANEL SCHEDULE - 120/208 V, 3 Φ 4 W					
CKT. No.	No. OF CKT.	FRAME	TRIP	POLES	REMARKS
1-6,9	7	50	20	1	INDOOR LTG
7-8-10	3	50	20	1	SPARE
11-13-14	3	50	20	1	RECEPTACLES
12	1	50	20	1	U.H #1 - #5
15-18	4	50	20	2	REC. 1Φ, 208 V.
19-20	2	50	20	1	H.W CIR. PUMP 1/3 HP 19; I.D FAN 1/6 HP 20
21	1	50	20	1	FAN No. E-1, E-2.
22	1	50	20	1	OIL BURNER 1/4 HP
23	1	50	15	3	H.V FAN 2 HP
24	1	50	20	1	SPARE

GRAPHIC SCALE:

1/4" = 1'-0" 5 0 5

SYMBOL	DESCRIPTION	DATE	APPROVAL
1	MOVED SHOWER RM. THERMOSTAT	22 AUG 69	

REVISIONS

AMMANN & WHITNEY
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111-8TH AVENUE, NEW YORK, N.Y.

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
MILITARY CONSTRUCTION - ENGINEERING DIVISION
WASHINGTON, D.C.

DRAWN BY: D.M
TRACED BY: D.M.
CHECKED BY: F.B
SUBMITTED BY: AMMANN & WHITNEY

AMMUNITION MAINTENANCE FACILITY

LUNCH ROOM - CHANGE HOUSE

PLAN & SCHEDULES
ELECTRICAL

APPROVED: CHIEF UTILITIES BRANCH
APPROVED: CHIEF ENGINEERING DIVISION, MIL. CONSTR. O.C.E.
DATE: 18 JULY 1966
APPROVED FOR
DATE:
SCALE 1/4" = 1'-0"
SPEC. NO. 16-06-324-66CE
DRAWING NUMBER 36-49-03
SHEET 6 OF 10