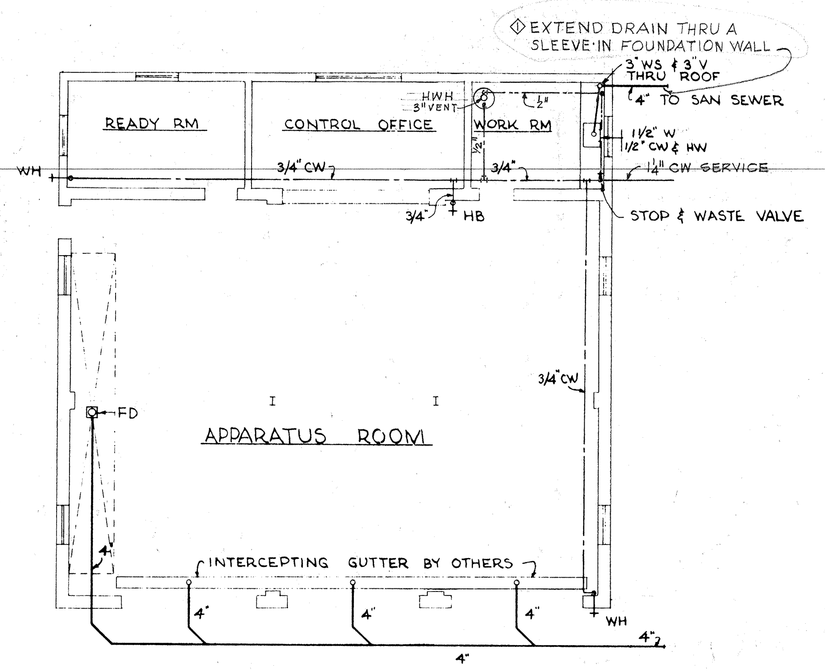
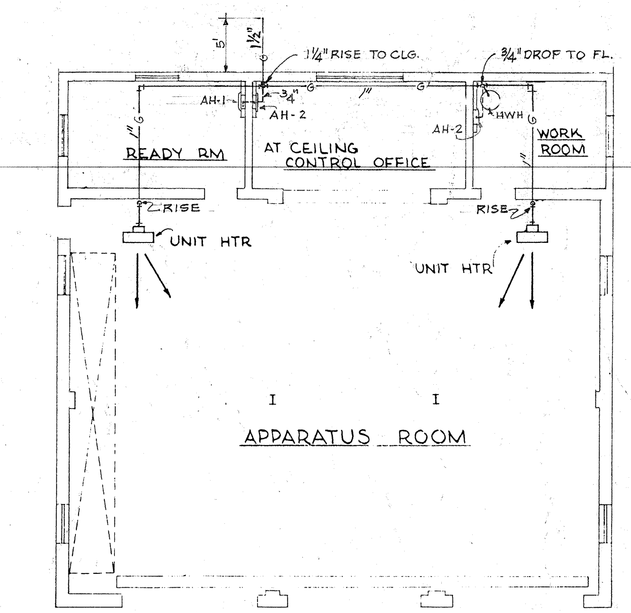


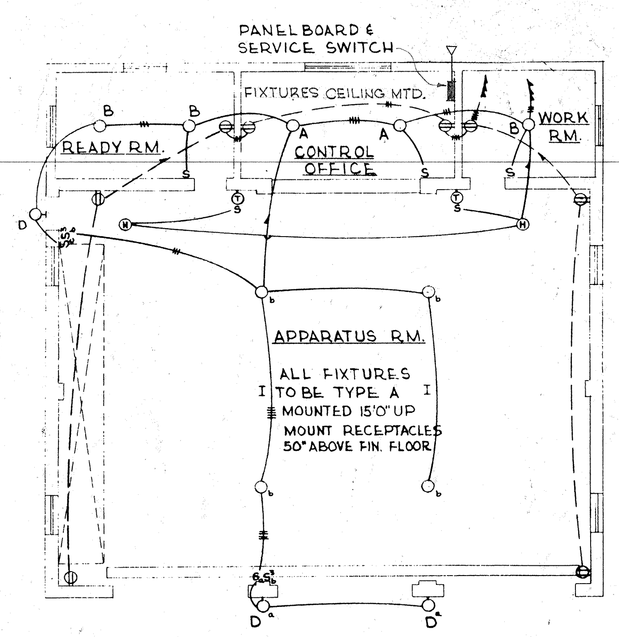
PLUMBING FLOOR PLAN ◇

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



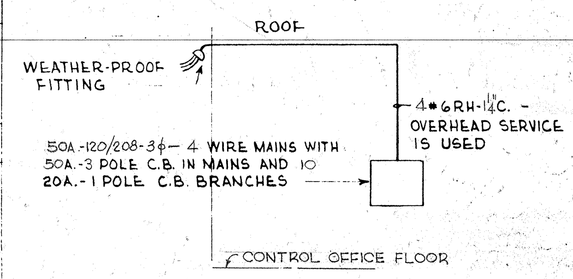
HEATING FLOOR PLAN

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



ELECTRICAL FLOOR PLAN

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

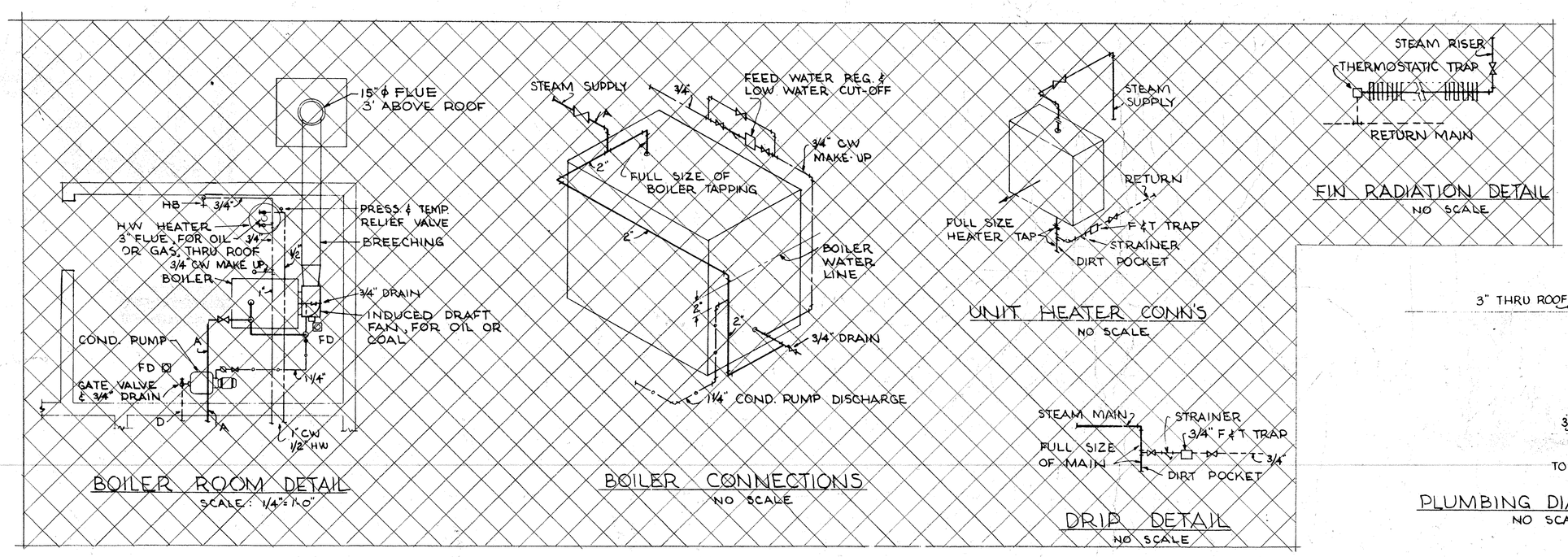


RISER DIAGRAM

NO SCALE

FIXTURE SCHEDULE

TYPE	CATALOG NO. OR APP EQUAL	WATTAGE	REMARKS
A	BENJAMIN 7644 OR 9644	300	MOUNT AS NOTED ON DWG
B	BENJAMIN 9643	200	CEILING MOUNTED
D	CROUSE-HINDS - VGR-126	100	MOUNT 8'-0" UP



BOILER ROOM DETAIL

SCALE : 1/4" = 1'-0"

BOILER CONNECTIONS

NO SCALE

UNIT HEATER CONN'S

NO SCALE

FIN RADIATION DETAIL

NO SCALE

DRIP DETAIL

NO SCALE

PLUMBING DIAGRAM

NO SCALE

SYMBOLS

- CEILING OUTLET
- WALL OUTLET - BRACKET FIXTURE
- UNIT HEATER OUTLET
- SINGLE POLE SWITCH & THERMOSTAT
- DUPLEX CONVENIENCE OUTLET
- MOTOR OUTLET
- MOTOR CONTROLLER
- SINGLE POLE SWITCH
- THREE WAY SWITCH - CONTROLLING OUTLETS "b"
- BRANCH CIRCUIT IN FLOOR SLAB
- BRANCH CIRCUIT IN EXPOSED CONDUIT ON CEILING OR WALLS
- TWO HOME RUNS - THREE WIRES

EQUIPMENT SCHEDULE

EQUIPMENT		DESIGN ZONES -20°	0°	+20°
BOILER SBI NET STEAM RATING EDR		1800	1500	1700
BOILER BREECHING		18"x18"	10"x10"	10"x10"
OPERATING PRESSURE		5 PSI	5 PSI	5 PSI
SINGLE CONDENSATE PUMP RATING 30 FT. EDR		2000	2000	1000
DISCHARGE PRESSURE		20 PSI	20 PSI	20 PSI
RECEIVER CAPACITY, GAL.		10	10	10
HOT WATER HEATER		20 GAL STORAGE CAP. & 20 GAL PER HR RECOVERY WITH 100° RISE		
INDUCED DRAFT FAN	CFM 550°F	600	500	375
	SP	3/8"	3/8"	3/8"

AIR HEATING CABINET, VENTED, GAS FIRED

SYMBOL	B.T.U. OUTPUT PER HOUR
AH-1	17,200
AH-2	14,180

FIN TYPE RADIATION SCHEDULE

ZONE	SYMBOL	BTU PER UNIT	STEAM SUPPLY RUNOUT	STEAM RISER (ON FEED)	COND. RETURN RUNOUT	TRAP	VALVE
-20°	FR 1	7,590	1"	1"	3/4"	1/2"	3/4"
	FR 2	14,950	1 1/4"	1"	3/4"	1/2"	3/4"
	FR 3	18,310	1 1/4"	1 1/4"	3/4"	1/2"	1"
	FR 4	3,830	1/4"	1"	3/4"	1/2"	3/4"
0°	FR 1	6,260	1"	3/4"	3/4"	1/2"	1/2"
	FR 2	11,090	1 1/4"	1"	3/4"	1/2"	3/4"
	FR 3	14,180	1 1/4"	1"	3/4"	1/2"	3/4"
	FR 4	7,500	1"	1"	3/4"	1/2"	3/4"
+20°	FR 1	OMIT	—	—	—	—	—
	FR 2	12,310	1 1/4"	1"	3/4"	1/2"	3/4"
	FR 3	10,110	1 1/4"	1"	3/4"	1/2"	3/4"
	FR 4	5,350	1"	3/4"	3/4"	1/2"	1/2"

PIPE SIZE SCHEDULE

SYMBOL	DESIGN ZONES -20°	0°	+20°
A	4"	3"	3"
B	3"	2 1/2"	2"
C	2 1/2"	2 1/2"	2"
D	2"	1 1/2"	1 1/2"
E	1 1/2"	1 1/4"	1 1/4"
F	1 1/4"	1 1/4"	1 1/4"

UNIT HEATER SCHEDULE

ZONE	BTU OUTPUT EACH			
0°	141,600			

THIS DRAWING FORMS A PART OF MODIFICATION NO. 1
DATED 195 CONTRACT NO. DA 03-060-eng-2436

RECORD DRAWING AS CONSTRUCTED
Roy L. Bragley 11-23-55
CONTRACT NO. 2772

CONSTRUCT THIS BUILDING
OPPOSITE HAND

ISSUED FOR USE AT
FORT SMITH MUNICIPAL AIRPORT
ARKANSAS.
AUTHORIZED BY
JOB NO. LITTLE ROCK DIST. 54-NGAF-ARK.

REVISION	DATE	DESCRIPTION	BY
①	5-25-54	NOTE ADDED TO PLUMBING FLOOR PLAN	C.O.M.

DEPARTMENT OF THE ARMY AND THE AIR FORCE
NATIONAL GUARD BUREAU
WASHINGTON, D. C.

MILLS & PETTICORD ARCHITECTS - ENGINEERS WASHINGTON, D. C.

PREPARED UNDER DIRECTION AIR FORCE DIVISION - NATIONAL GUARD BUREAU

DRAWN BY: HG CC
TRACED BY: HG
CHECKED BY: JFL de PAPP
SUBMITTED: MILLS & PETTICORD ARCHITECTS - ENGINEERS BY Gerald Petticord Jr.
APPROVED FOR CHIEF, AIR FORCE DIVISION: Joseph Rack DATE: 5 OCT. 1951
APPROVED FOR CHIEF, NATIONAL GUARD BUREAU: James W. Smith, Jr. Lt Col USAF DATE: 3 OCT 1951

CRASH TRUCK STATION
PLUMBING-HEATING AND ELECTRICAL

SCALE AS NOTED SPEC. NO. AFD-501-NGB
DRAWING NO. AFD-51-501
SHEET 5 OF 5

FS-6724M-302/146