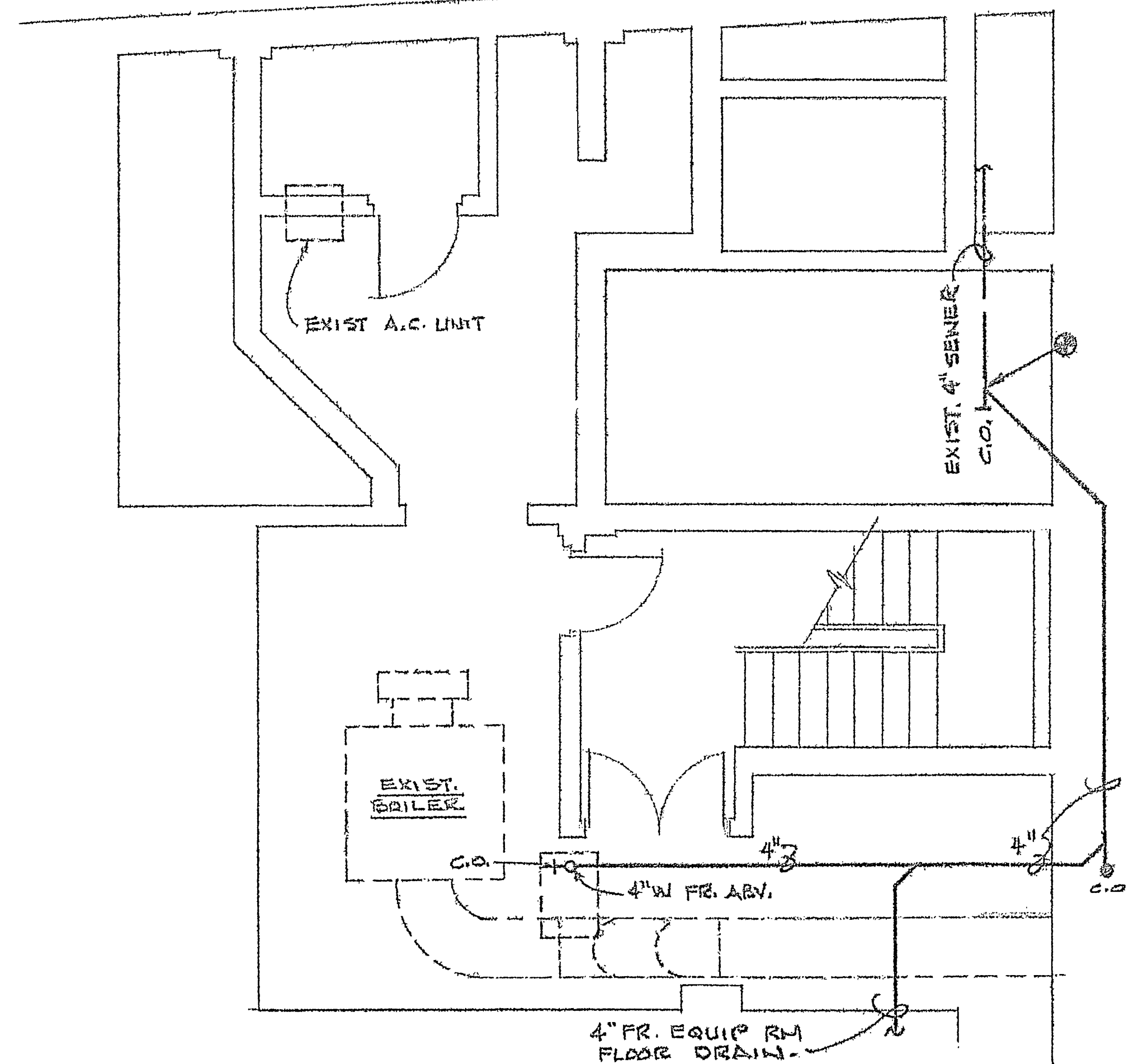
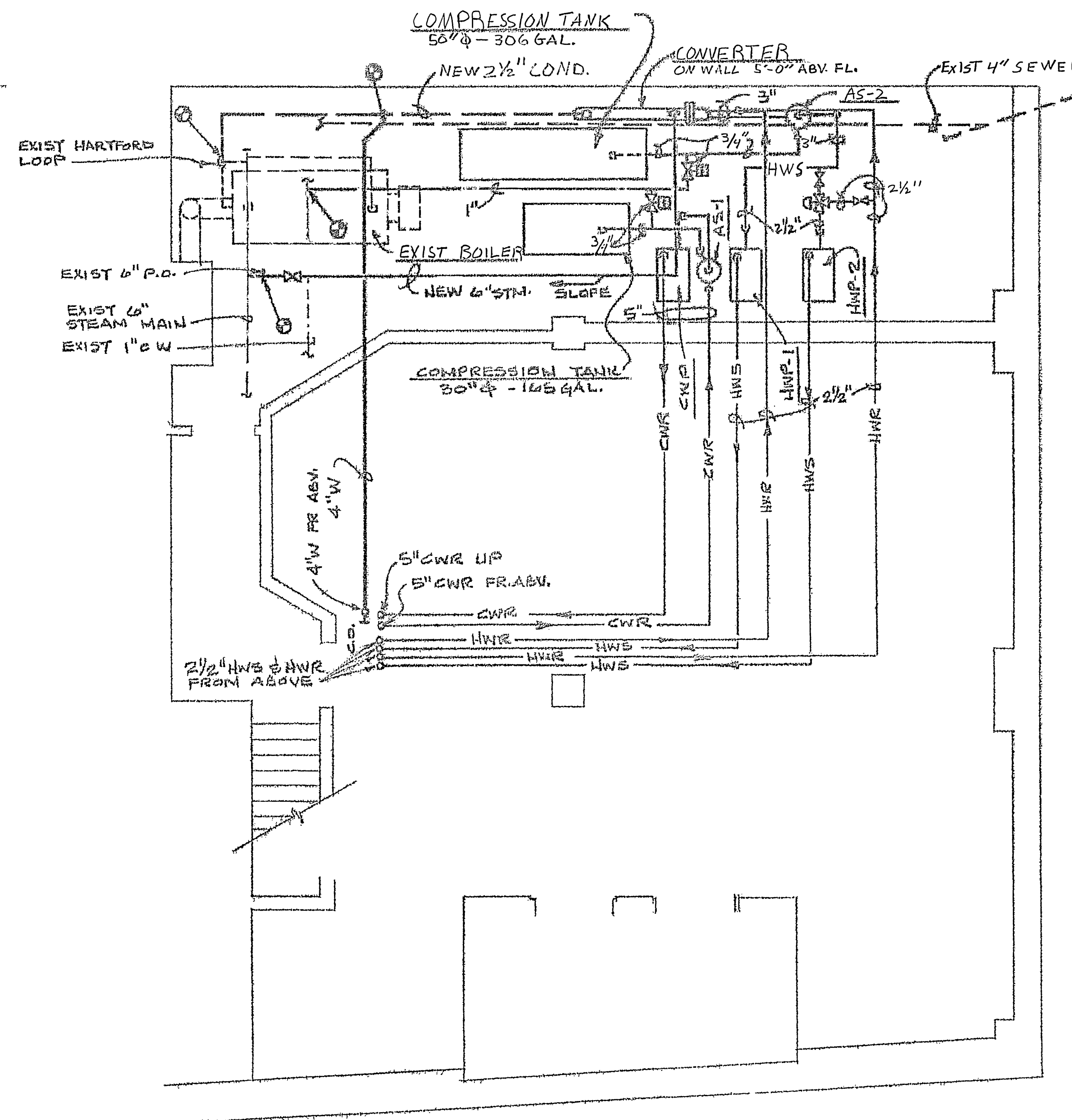




PARTIAL BASEMENT PLAN
N.B.C. BUILDING
 SCALE: 1/4" = 1'-0"



PARTIAL BASEMENT PLAN
COULTER BUILDING
 SCALE: 1/4" = 1'-0"

EQUIPMENT NOTES

CHILLER TRANE OR ACCEPTED EQUAL MODEL CGAC-DIBE. TOTAL CAPACITY 155 T.R. THIS UNIT IS BEING FURNISHED BY MARTIN BROS. CONTRACTORS, INC. AND WILL BE INSTALLED BY THE MECHANICAL CONTRACTOR.

AIR CONDITIONING UNIT: AC-1A TRANE MODEL 17 VERTICAL CLIMATE CHANGER. TOTAL AIR - 10,000 CFM; OUTSIDE AIR - 500 CFM; EXTERNAL STATIC PRESSURE - 1.3 IN-H₂O; FAN HP - 7.5; ENTERING AIR TEMP. - 76°F-DB, 63.4°F-WB; LEAVING AIR TEMP. - 55°F-DB, 54.5°F-WB; GRAND TOTAL HEAT - 271,500 BTUH.

ROOF VENTS RV-1 AND RV-2 ACME SKYMASTER 22"x22" THROAT DIMENSION 2,000 CFM AT 0.06 IN-H₂O STATIG PRESSURE DROP.

CONVERTER B&G TYPE SU HEAT EXCHANGER MODEL SUB-2; 124 GPM WATER; ENTERING WATER TEMP. 160°F; LEAVING WATER TEMP. 180°F WITH 2 PSIG STEAM ENTERING THE SHELL. WATER SIDE PRESSURE DROP - 3 FT-H₂O. TOTAL CAPACITY 1,240 MBH.

AIR SEPARATORS: AS-1 AND AS-2 B&G IN-LINE AIRTROL MODEL IAF-3.

PUMP SCHEDULE: (B&G)

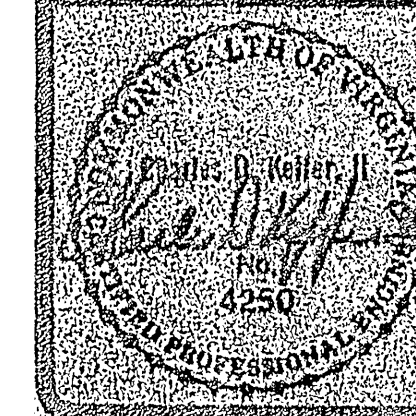
MARK	CAP. GPM	HEAD FT-H ₂ O	MOTOR HP	MODEL NUMBER
CWP	372	71	15	1510-4"BB
HWP-1	54	66	3	1510-1 1/2"BB
HWP-2	70	71	3	1510-1 1/2"BB

VARIABLE VOLUME UNIT SCHEDULE: (TRANE)

MARK	MAX CFM	MIN CFM	COIL AIR PD, IN-H ₂ O	FAN HP	HEATING CAP. MBH	GPM	WATER PD FT-H ₂ O	MODEL NO.
VV-1	3,960	1,600	0.065	1/2	30	3.0	2.5	VFHC-4020
VV-2	3,960	1,600	0.065	1/2	30	3.0	2.5	VFHC-4020
VV-3	1,190	800	0.022	1/4	15	1.5	2.0	VFHC-2011

REVISION	BY

CHARLES D. KEFFER, INC. RENOVATIONS & ALTERATIONS TO
 Consulting Engineer
 ROANOK, VIRGINIA
 COULTER BLDG. & NAT'L BUS. COL BLDG.
 JEFFERSON ST. AT FRANKLIN RD. ROANOK, VIRGINIA
 MECHANICAL - DETAILS & SCHEDULES



DRAWN	CJD/CDE
CHECKED	CPK
DATE	JULY 25, 1988
SCALE	AS NOTED
JOB NO.	816-02
SHEET	