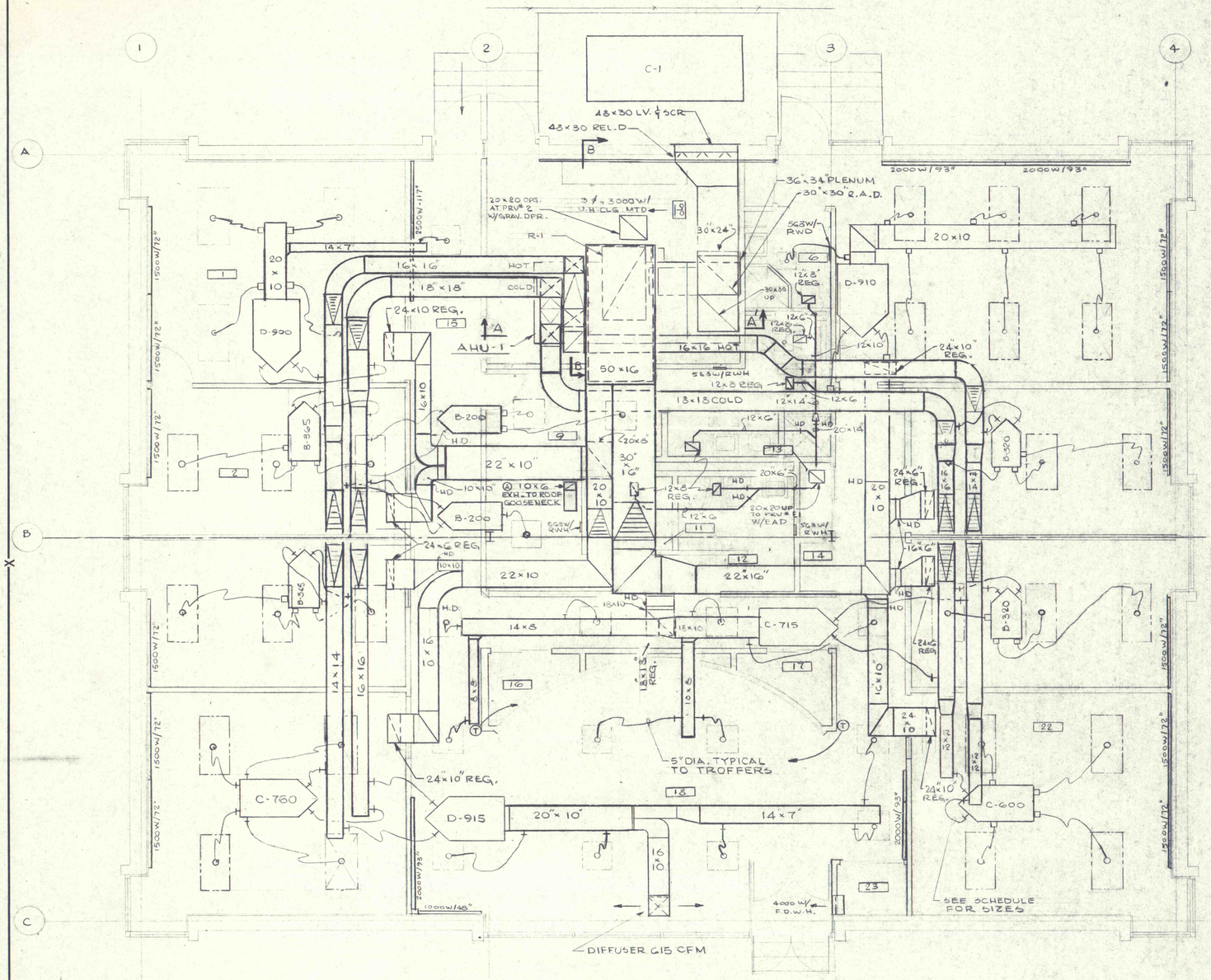
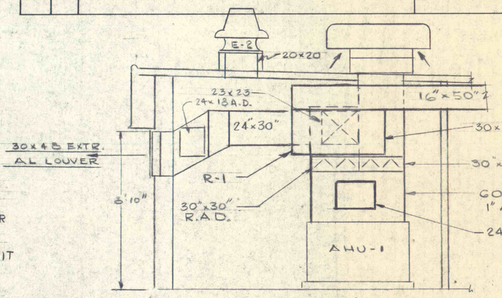


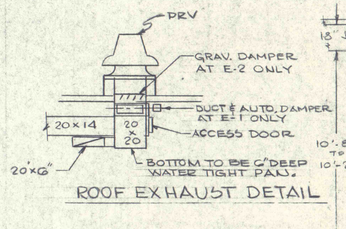
LEGEND

1500 W/72" - BASEBOARD WATT CAPACITY & LENGTH WITH INTREGRAL THERMOSTAT
B TO D - HIGH VELOCITY CONSTANT VOLUME MIXING BOXES (FOR SIZE SEE SCHEDULE)
A.D. - ACCESS DOOR
F.A.D - FRESH AIR DAMPER
REL. D. - RELIEF DAMPER
R.A.D. - RETURN AIR DAMPER
E.A.D - EXHAUST AIR DAMPER (AUTOMATIC)
H.D. - MANUAL QUADRANT TYPE HAND DAMPER
R-1 - RETURN AIR FAN UNIT #1
AHU-1 - AIR HANDLING UNIT #1
C-1 - AIR COOLED CHILLED WATER UNIT #1
F.D.W.H - FORCED DRAFT WALL HEATER
R.W.H - RADIANT WALL HEATER
U.H. - CEILING HUNG FAN TYPE UNIT HEATER
PRV - POWER ROOF VENTILATOR
1"AL - 1" ACOUSTICAL LINING
(T) PNEUMATIC ROOM THERMOSTAT
H1&2 HUMIDIFIERS

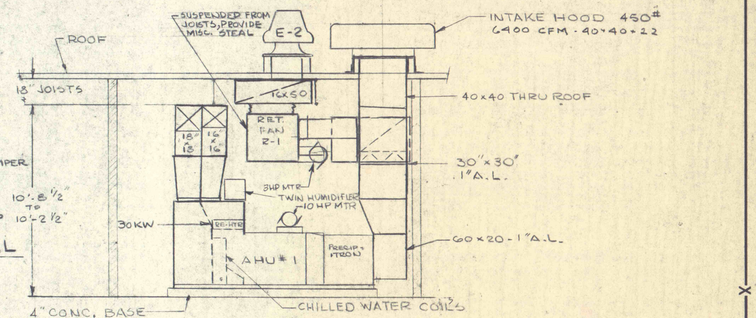
SYM.	ITEM	DESCRIPTION	DWG. & ITEM NO. OR STYLE NO.	MATL. SPEC.	REQ. FOR 1 UNIT GR 1	GR 2	GR 3	GR 4	GR 5	GR 6



SECTION "B-B"



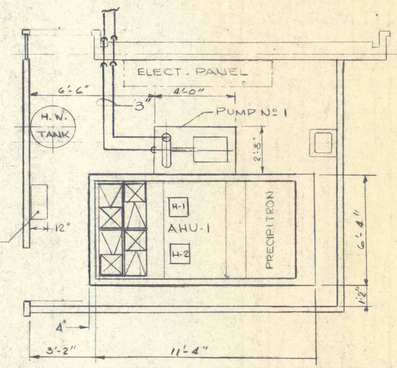
ROOF EXHAUST DETAIL



SECTION - "A-A"

NOTES

A - DUCT FROM DAVIS HOOD - EXTEND TO GOOSENECK ABOVE ROOF WITH GRAVITY EXHAUST DAMPERS.
B - TROFFER C.F.M. SUPPLY FROM A SINGLE BOX TO BE EQUAL.
C - DUCT DIMENSIONS ARE SHEET METAL SIZE
D - ALL SUPPLY DUCTS TO BE PROVIDED WITH 1" ACCOUSTICAL LINING.
E - DUCT WORK FROM AHU-1 DISCHARGE TO MIXING BOXES SHALL BE HIGH PRESSURE TYPE.
F - LOCATE PNEUMATIC ROOM THERMOSTATS BESIDE LIGHT SWITCHES UNLESS OTHERWISE INDICATED.



PLAN VIEW - MECH. ROOM

MIXING BOXES					
TYPE	LENGTH	WIDTH	HEIGTH	INLET SIZE HOT	INLET SIZE COLD
B	46½"	25"	7"	6"	6"
C	55"	31"	10"	7"	7"
D	60¼"	35"	12"	8"	8"

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SCALE : ¼" = 1'-0"

S.O. 19A-2562 | 1 | CHANGE | ITEM

ALBERT C. WOOD ASSOCIATES CONSULTING ENG. — COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL ENGINEER — REYNOLD H. ACKERMANN — No. 6127

ALBERT C. WOOD ASSOCIATES CONSULTING ENG. — COMMONWEALTH OF PENNSYLVANIA — REGISTERED PROFESSIONAL ENGINEER — ROBERT E. DERBY — No. 8719

DEPT	AP	PR
U-1		
W-12		
MIE		
TOTAL		
DATE		

LAST NUMBER USED — PARTS LIST — ITEM

ISSUE DATE 12-2-70

ENGRG DWG DWG

Westinghouse Electric Corporation
APPARATUS AMD DEMINERALIZATION PLANT
TITLE ADMINISTRATION BUILDING
H.V.A.C. PLAN & SECTIONS SHEET NO. OF SHEETS

DFTM Adagr	DESIGN APP C.D. Bumgarner 12/2	MFG APP	
CHKD	MET ENG	6040D0662	
L.O. DFTM D.TRAVIS	MECH ENG		

STEAM DIVISION, LESTER, PA. U.S.A. — H.T.D. 01 — DEPT

628 C 550 007