

HVAC Technical Exhibit

CSS 96036

- Page 2 - Equipment Location
- Page 3 - AAON Roof Top AHU Data Plate
- Pages 4 to 7 - As-Build Drawing HVAC Schedule
- Page 8 - Munchkin Boiler Data Plate

Roof Top Air
Handling Units

US Army Reserve

Mechanical Room

OMS
Building

- "Amber" Rectangle notes the BAS Control desk and work station.
- "Orange" Line notes the approximate path of conduit that the old fixed-line phone wire and install new BAS Control cable.
- "Red & White" Dots note an area that an opening and/or access point to the interior of the conduit exists.

Roof Top AHU Data Plate

AAON, Inc.

TULSA, OKLAHOMA

ANSI Z21-CAN/CSA-1993 CENTRAL FURNACE

MODEL NUMBER **43481**

RK-25-2-E0-222:CKODHA00D0000X

SERIAL NUMBER **200211-AKGP42975**

ELECTRICAL RATING

RATED VOLTS **208** VAC **60** HZ

MINIMUM CIRCUIT AMPACITY **137** AMPS

MAXIMUM CIRCUIT BREAKER (HACR TYPE) **175** AMP



51034
CONFORMS TO UL STANDARD 1995
CERTIFIED TO CAN/CSA STD C22.2 NO. 236

MOTOR	QTY	HP	VAC	PH	RPM	FLA	RLA	LRA	DRIVE
Compressor	2		208	3	3450		42.3	245	D
Compressor									
Condenser	3	.75	208	1	1075	5.9			D
Evaporator	1	7.5	208	3	1725	24.2			B
Combustion Air	1	.25	208	1	3450	1.3			D
Power Exh.									
Addl Mtr.									

EQUIPPED FOR GAS **NAT** TEMPERATURE RISE RANGE **15-45** TEMPERATURE RISE **30**
MANIFOLD PRESS. **3.5** "WC MAX INLET PRESS. **10.5** "WC MIN. INLET PRESS. **6.0** "WC

DESIGN MAXIMUM OUTLET TEMPERATURE **145** °F
MAXIMUM LIMIT SETTING **200** °F

CAPACITY ALTITUDE	INPUT MBH	OUTPUT MBH	MIN INPUT MBH (2 STAGE GAS VALVE)
0-2000 Ft.	390	316	
2000-4500 Ft.			

MINIMUM AMBIENT TEMPERATURE IN WHICH GAS HEAT UNIT MAY OPERATE (CGA) **-40** °F

CLEARANCES

FLOOR - UNIT MUST BE INSTALLED ON MINIMUM 12" HIGH CURB WHICH MAY BE ON COMBUSTIBLE FLOOR (CANADA & USA) OR CLASS A, B, OR C ROOF COVERING MATERIAL (USA ONLY).

TOP - NO OBSTRUCTION

FRONT- **48** LEFT SIDE- **6** RIGHT SIDE- **60** BACK- **48**

FACTORY CHARGE

FACTORY CHARGE PER SYSTEM (1) **320** OZ. (2) **320** OZ. (3) OZ. (4) OZ.
(OUNCES) REFRIGERANT **R-22** (5) OZ. (6) OZ. (7) OZ. (8) OZ.
LOWSIDE TEST PRESS **150** PSIG.
HIGHSIDE TEST PRESS **300** PSIG.

CAUTION: USE TIME DELAY TYPE FUSES.
FOR NON-RESIDENTIAL USE ONLY. NOT SUITABLE FOR USE WITH CONVENTIONAL VENTILATION SYSTEM.
FORCED AIR FURNACE WITH OR WITHOUT COOLING UNIT. CATEGORY III.
FOR OUTDOOR INSTALLATION ONLY. CERTIFIED FOR INSTALLATION DOWNSTREAM FROM REFRIGERATION SYSTEM.

WARNING

THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES. IN THE ABSENCE OF LOCAL CODES, FOLLOW THE NATIONAL FUEL GAS CODE, ANSI Z223.1-1992 (USA) OR CAN/CSA-B149.1 OR 2-INSTALLATION CODES (CANADA). IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE. REFER TO THE USER'S INFORMATION MANUAL PROVIDED WITH THIS FURNACE. INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.
FOR YOUR SAFETY: DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

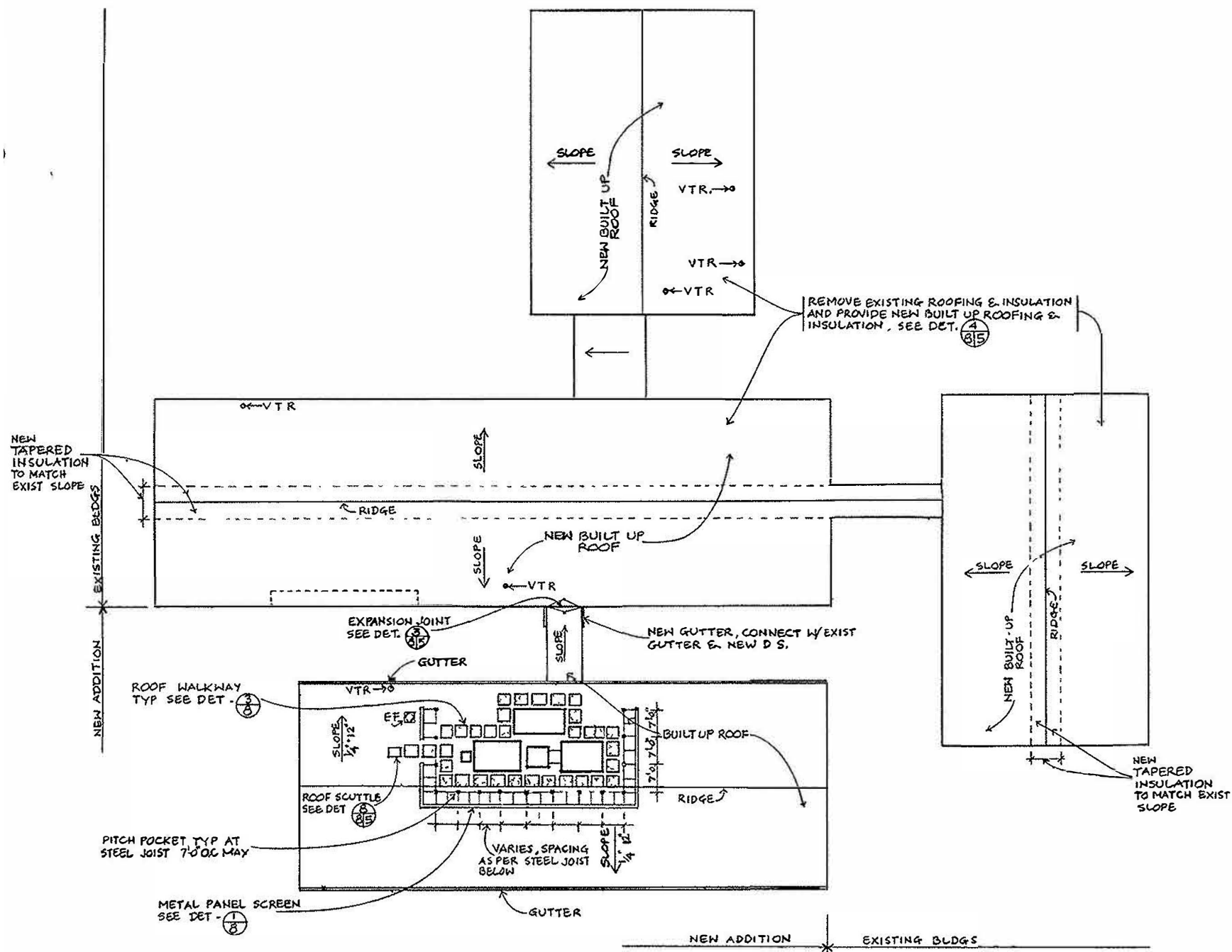
RTU #1

VARIABLE VOLUME BOX SCHEDULE

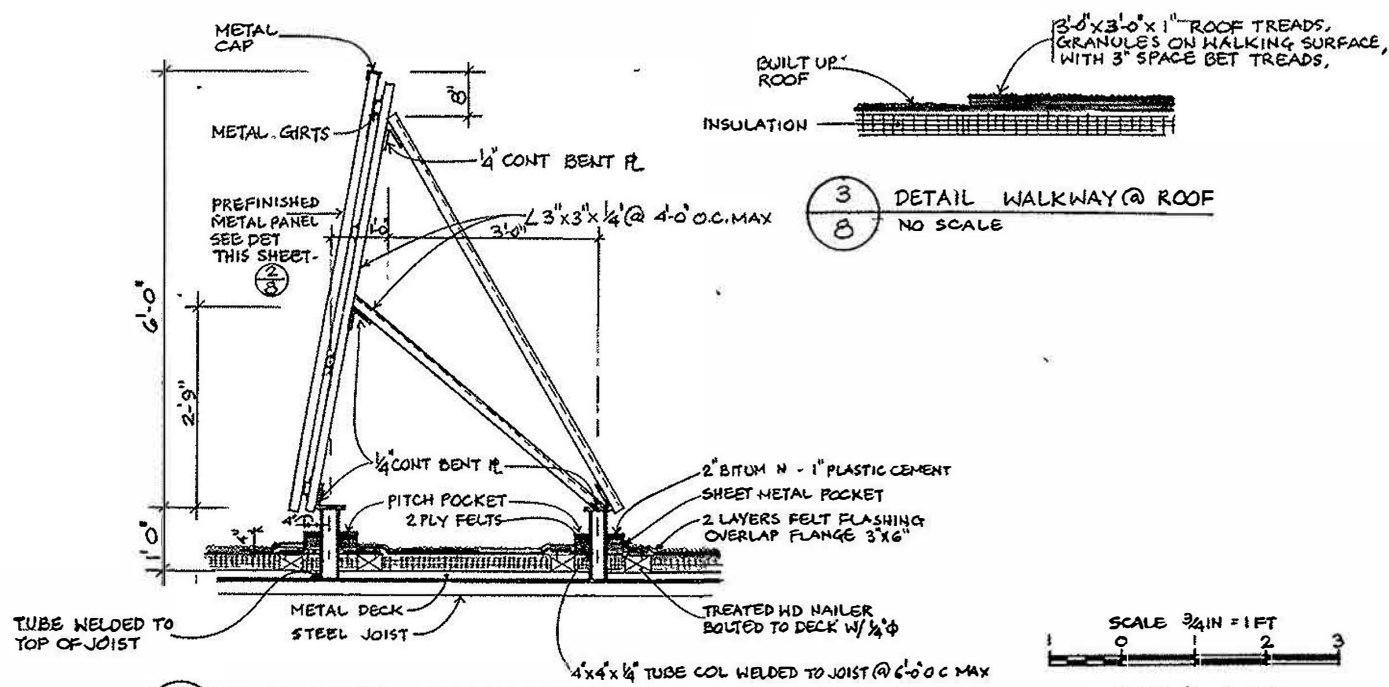
REV	DATE	DESCRIPTION	BY
DEPARTMENT OF THE ARMY BALTIMORE DISTRICT, CORPS OF ENGINEERS BALTIMORE, MARYLAND			
FARRELL		PENNSYLVANIA	
ADDITION TO FARRELL USARC MECHANICAL SCHEDULES			
		DRAWING NUMBER F-171-20-07	PLATE 34
SCALE:		DATE: OCT 84	ISSUE: M-5

CUI//SP-PROCURE//LDC

E//LDC

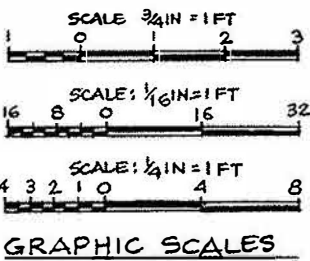


ROOF PLAN
SCALE: 1/16" = 1'-0"



1 TYP ROOF SCREEN DETAIL
SCALE: 3/4\"/>

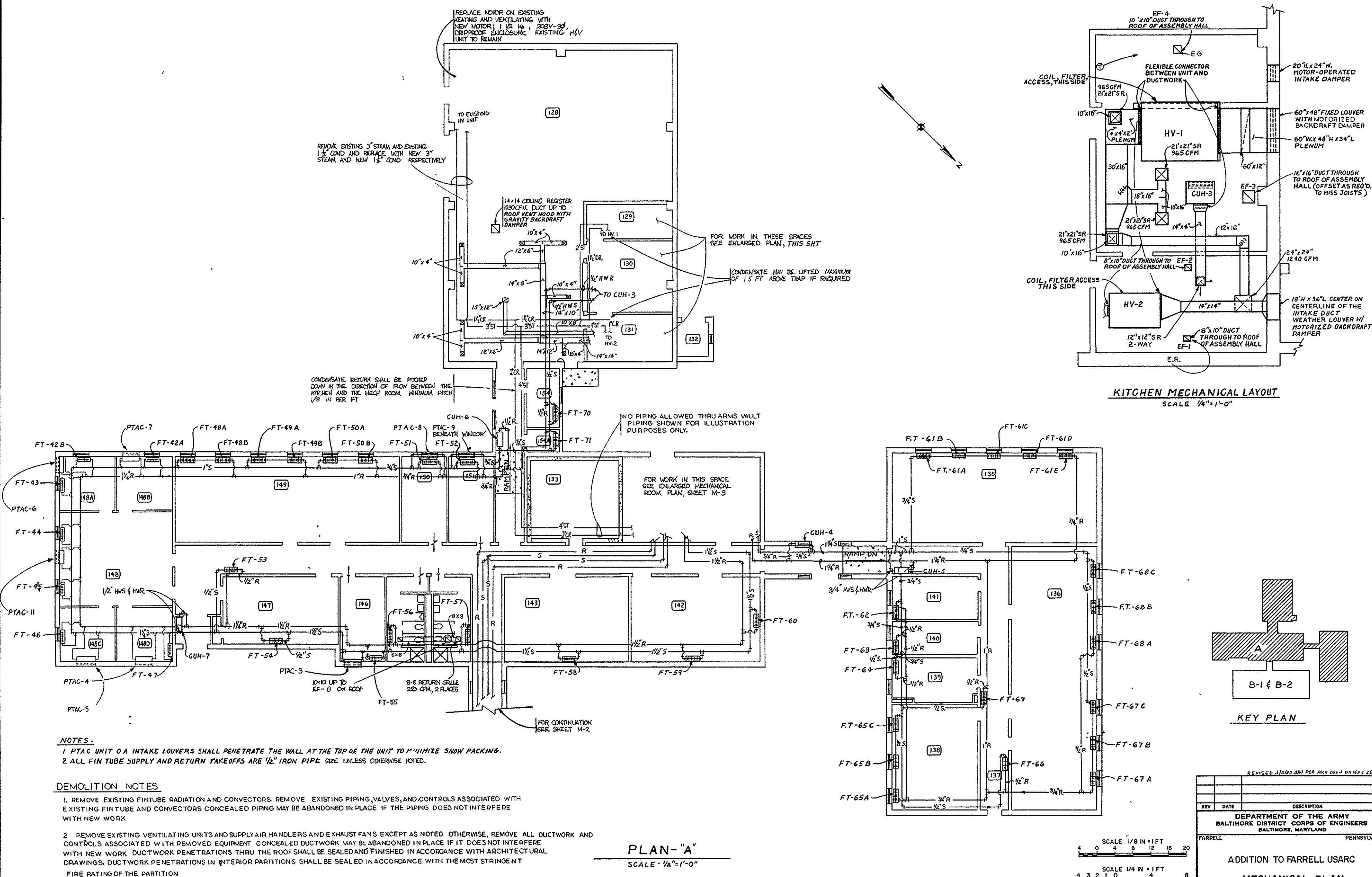
3 DETAIL WALKWAY @ ROOF
NO SCALE



REV	DATE	DESCRIPTION	BY
DEPARTMENT OF THE ARMY BALTIMORE DISTRICT, CORPS OF ENGINEERS BALTIMORE, MARYLAND			
FARRELL		PENNSYLVANIA	
ADDITION TO FARRELL USARC			
ROOF PLAN			
		DRAWING NUMBER	PLATE
		F-171-20-07	18
SCALE: AS SHOWN		DATE: 1 OCT 84	SHEET A-8

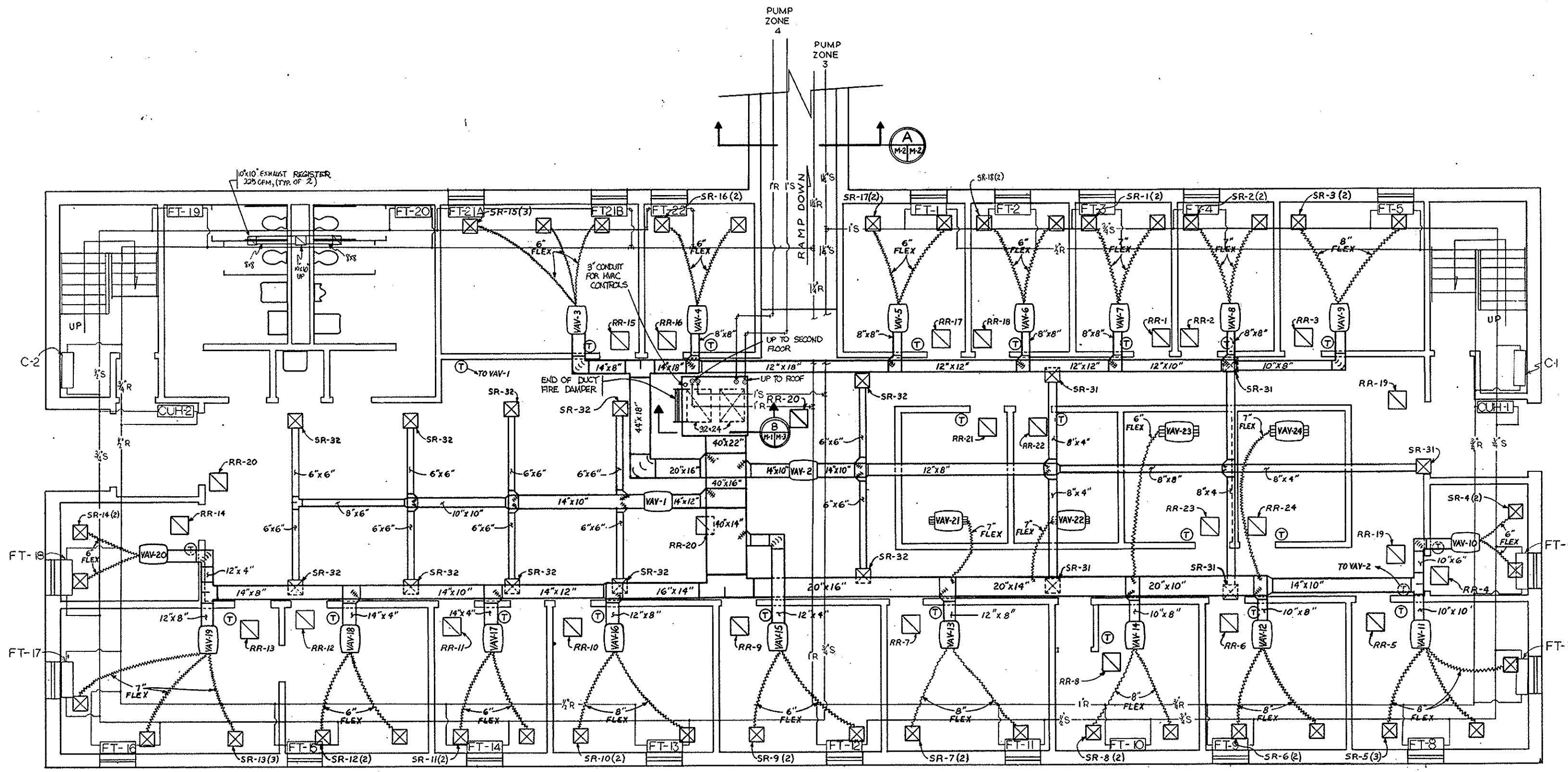
CUI//SP-PROCURE//LDC

CUI/SP-PROCURE/LDC

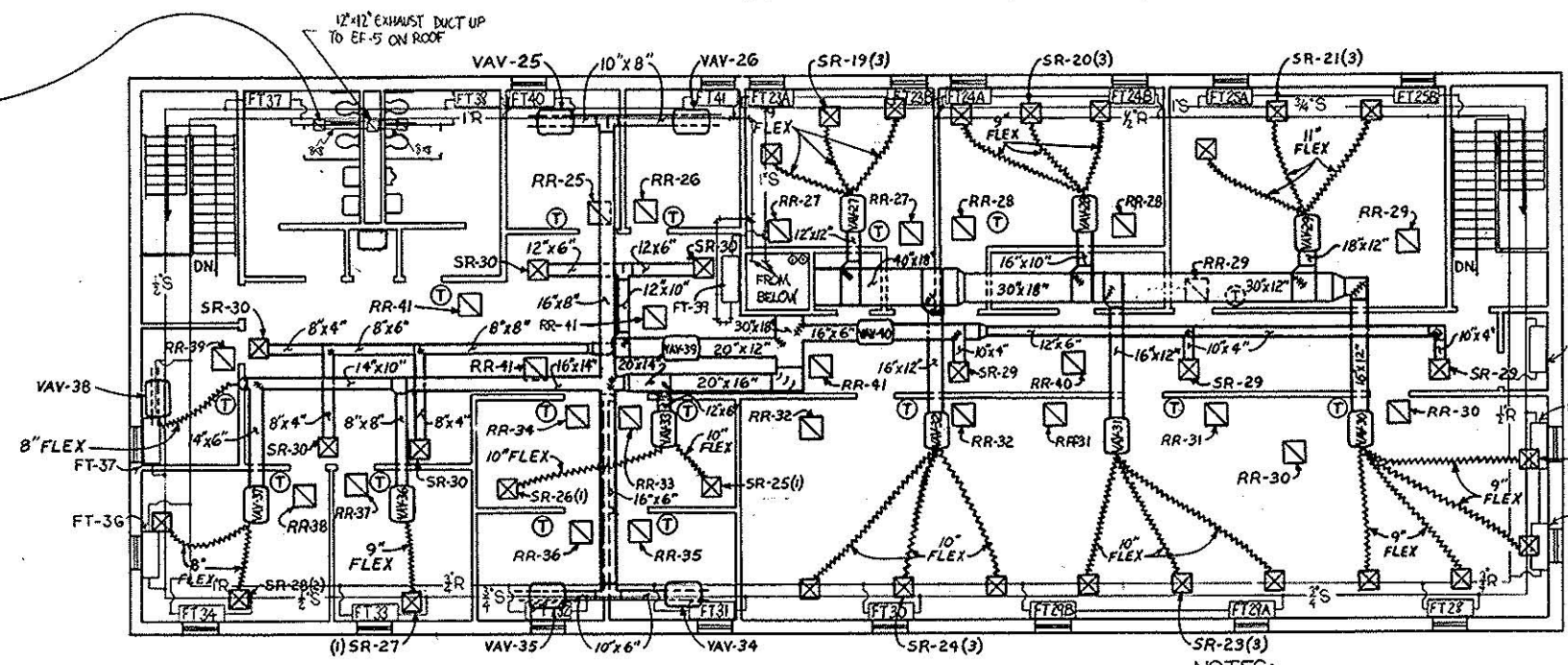
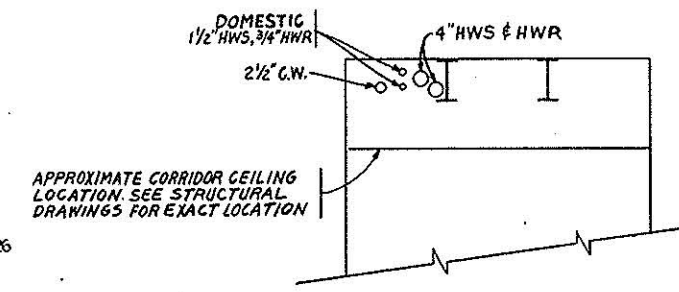
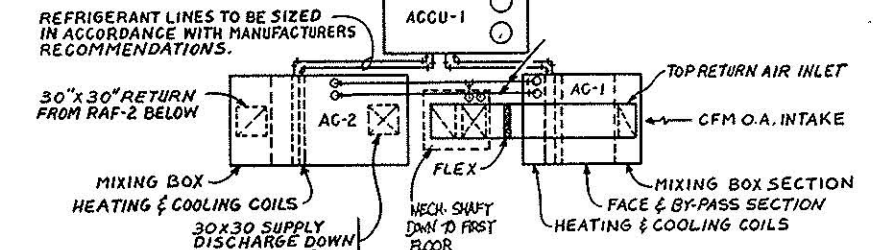


CUI/SP-PROCURE/LDC

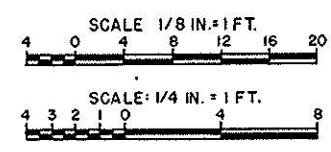
CU/SP-PROCURE/LDC



3/4" HWS & HWR TO AC-1 AND AC-2 WATER COILS. PROVIDE ELECT. HEAT TAP 4" V/FT. 208V-10. PROVIDE PIPE MOUNTED ADJUSTABLE TEMP. CONTROLLER, NEMA 3R ENCLOSURE. PROVIDE ALUMINUM JACKING OVER PIPE. INSULATION. HEAT CABLE SHALL BE RATED FOR EXPOSURE TEMP. OF 250°F.



NOTE: PIPES SHALL BE PITCHED TO FOLLOW THE PROFILE OF THE ROOF FRAMING.



REV	DATE	DESCRIPTION	BY
DEPARTMENT OF THE ARMY BALTIMORE DISTRICT, CORPS OF ENGINEERS BALTIMORE, MARYLAND			
PENNSYLVANIA			
ADDITON TO FARRELL USARC			
MECHANICAL PLAN- ADDITON			
DRAWING NUMBER		PLATE	
F-171-20-07 31			
SCALE: AS SHOWN	DATE: 1 OCT 84	SHEET	M-2

CUI//SP-PROCURE//LDC

Boiler Data Plate

