

AIR HANDLING UNIT SCHEDULE

DESIG.	MFR./MDL.	SERVES	CFM	OSA	EXTERNAL S.P.	TOTAL CAPACITY MBH	TOTAL SENS. MBH	EAT	HOT WATER COIL						MOTOR			REMARKS		
									CAPACITY MBH	EAT/LAT	EWT/LWT	GPM	CFM	AIR PD	SIZE	FINS/ROWS	HP		VOLTS	PHASE
AHU-1	YORK K3EW-120	E.S.S. SHOP	3600	3600	0.60	117.94	93.71	80°Db 64.7°Wb	110.8	62.9/90°	180°/159.4°	11	3600	.10"	48"x18"	12F/1R	2	460	3	WTR. PD. = 1.4' - HOT WATER COIL MODEL No. YDW12A1VA1448
AHU-2	YORK LEU-360	AJS. SHOP	9600	9600	0.75	293.07	244.34	80°Db 65.1°Wb	402.55	62.9/101.7	180°/160.8°	42	9600	0.08"	FURNISHED WITH UNIT	8F/2R	5	460	3	WTR. PD. = 1.87' - HOT WATER COIL MODEL No. 1HW0406

CONDENSING UNIT SCHEDULE

DESIG.	MFR./MDL.	SERVES	CAPACITY MBH	AMBIENT TEMP.	REFRIG.	COMPRESSOR			COND. FAN MOTOR			REMARKS
						R.L.A.	VOLTS	PHASE	F.L.A.	VOLTS	PHASE	
CU-1	YORK HCA 120-46	AHU-1	117.94	100°	R-22	21.0	460	3	202	460	1	CAPACITY REDUCTION 100% - 50%
CU-2	YORK CA 300	AHU-2	293.07	100°	R-22	51.0	460	3	202.3 102.5	460	1	CAPACITY REDUCTION 100% - 67% - 33%

NOTE: CAPACITY RATINGS FOR CU-1 & CU-2 ARE MATCHED WITH AIR HANDLING UNIT DX COILS.

HOT WATER BOILER SCHEDULE

DESIG.	MFR./MDL.	TYPE	INPUT MBH	OUTPUT MBH	GPM	EWT/LWT	PD.	ELECTRICAL (PUMP)			REMARKS
								HP	VOLTS	PHASE	
B-1	RAYPAK 263	NAT. GAS	264.0	211.2	42	180°/170°	7.7	1	120	1	PLUMP - GRUNDFOS MODEL WPT50-160, 42 GPM @ 25' HD., 3420 RPM.

ELECTRIC DUCT HEATER SCHEDULE

DESIG.	MFR./MDL.	SERVES	CFM	SIZE	EAT	LAT	ELECTRICAL			REMARKS
							KW	VOLTS	PHASE	
EDH-1	ELECTRIC DUCT HTR DC-FLANGED RECT.	19 E.S.S. SHOP CH	120	12"x6"	55°	94.5°	1.5	460	3	
EDH-2	ELECTRIC DUCT HTR DC-FLANGED RECT.	12 A.I.S. SHOP CH	125	12"x6"	55°	92.9°	1.5	460	3	
EDH-3	ELECTRIC DUCT HTR DC-FLANGED RECT.	18 E.S.S. SCHED.	200	12"x6"	55°	90.5°	2.25	460	3	
EDH-4	ELECTRIC DUCT HTR DC-FLANGED RECT.	13 TECH. REP. & TECH. ORDERS	270	12"x6"	55°	90°	3.0	460	3	
EDH-5	ELECTRIC DUCT HTR DC-FLANGED RECT.	14 A.I.S. SHOP	470	12"x10"	55°	85°	4.5	460	3	

INTAKE & RELIEF VENTILATOR SCHEDULE

DESIG.	MFR./MDL.	CFM	AIR PD.	SIZE	REMARKS
IV-1	COOK TYPE TRE	3600	.030"	30x36x4TIER	FURNISH PRE-FABRICATED CURB
IV-2	COOK TYPE TRE	9600	.036"	60x48x7TIER	FURNISH PRE-FABRICATED CURB
RV-1	COOK TYPE TRE	3600	.036"	30x36x4TIER	FURNISH PRE-FABRICATED CURB
RV-2	COOK TYPE TRE	9600	.041"	60x48x7TIER	FURNISH PRE-FABRICATED CURB

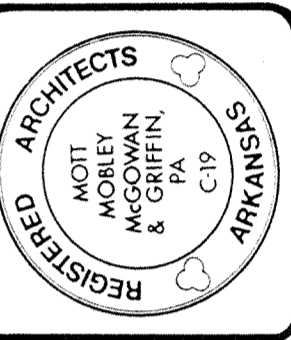
NOTE: PRE-FABRICATED CURBS SHALL ALLOW FOR SLOPING ROOF

AIR BLENDER SCHEDULE

DESIG.	MFR./MDL.	SIZE	CFM	VELOCITY	P.D.	REMARKS
AB-1	BLENDER PRODUCTS 20HD	2 @ 47"x20" EA.	10,000	1100 FPM	0.08"	INSTALL IN V-BANK ARRANGEMENT AS RECOMMENDED BY MANUFACTURER

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CONTRACT NO. DAH03-87-C-0007

PROJECT NO. FSM-40997
ADD./ALTER AVIONICS/ECM POD SHOP/STORAGE
AIR NATIONAL GUARD TRAINING FACILITY
MUNICIPAL AIRPORT - FT. SMITH, ARKANSAS

SCHEDULES

Revisions
1357
Plan Number
11-16-88
Date
M2.3
Of