

EXHAUST FAN SCHEDULE

MARK	AREA SERVED	TYPE	CFM	HP	VOLTS/PH/Hz	SIZE	MOTOR DRIVE	REMARKS
EF-1	MECH. RM. (20)	CENTRIF. RM.	5320	1.0	480/2/60	30"	1725	BELT DRIVE W/ BACKSET DAMPER
EF-2	MECH. RM. (20)	CENTRIF. RM.	3000	.75	115/1/60	10"	1140	BELT DRIVE W/ BACKSET DAMPER
EF-3	MECH. RM. (20)	INLINE	2350	.75	208/1/60	13.5"	1725	BELT DRIVE W/ BACKSET DAMPER
EF-4	MECH. RM. (20)	INLINE	1500	.25	208/1/60	9"	1300	BELT DRIVE W/ BACKSET DAMPER
EF-5	MECH. RM. (15)	INLINE	450	.25	115/1/60	8"	1300	DIRECT STARTER W/ BACKSET DAMPER
EF-6	MECH. RM. (15)	INLINE	450	.25	115/1/60	8"	1300	DIRECT STARTER W/ BACKSET DAMPER
EF-7	MECH. EQ. 110	PROPPELLER	3975	.375	115/1/60	30"	860	DIRECT STARTER W/ BACKSET DAMPER

DIFFUSER AND GRILLE SCHEDULE

MARK	SIZE	FINISH	DESCRIPTION
CD-1	AS PER DRAWINGS	SMOOTH WHITE	24 X 24 X 1/2" ALUMINUM W/ PERFORATED FACE PLATE & VOLUME DAMPER
CD-2	AS PER DRAWINGS	SMOOTH WHITE	PERFORATED FACE PLATE & VOLUME DAMPER
GR-1	24 X 24	SMOOTH WHITE	PERFORATED FACE PLATE & VOLUME DAMPER
GR-2	AS PER DRAWINGS	SMOOTH WHITE	PERFORATED FACE PLATE & VOLUME DAMPER
SGR-1	AS PER DRAWINGS	ALUMINUM	PERFORATED FACE PLATE & VOLUME DAMPER
SGR-2	AS PER DRAWINGS	ALUMINUM	PERFORATED FACE PLATE & VOLUME DAMPER
SGR-3	AS PER DRAWINGS	ALUMINUM	PERFORATED FACE PLATE & VOLUME DAMPER
SGR-4	AS PER DRAWINGS	ALUMINUM	PERFORATED FACE PLATE & VOLUME DAMPER
SGR-5	AS PER DRAWINGS	ALUMINUM	PERFORATED FACE PLATE & VOLUME DAMPER

VARIABLE AIR VOLUME BOX SCHEDULE

MARK	FAN CAP. CFM	HEATING CAP. KW	APPROX. VOLT/PH/Hz	PRIMARY MIN. CFM	DESIGN CFM	INLET DIA.	REMARKS
VAV-1	400	.50	277/1/60	600	600	8"	SEE PLANS
VAV-2	700	.25	1/8	1100	1100	10"	SEE PLANS
VAV-3	1100	.40	1/4	1700	1700	12"	SEE PLANS
VAV-4	1500	.30	1/3	2400	2400	14"	SEE PLANS
VAV-5	2000	.45	1/2	3200	3200	16"	SEE PLANS

WATER COOLED CHILLER SCHEDULE

MARK	CAPACITY TONS	CHILLER WATER GPM	CONDENSER WATER GPM	ENTR. LEV. FT. WTR. RM.	EXIT LEV. FT. WTR. RM.	VOLTS/PH/Hz	REMARKS
CH-1	400	960	55	45	21	1200	85 95 25 389 480/2/60 2 PASS DVAR. & COND.
CH-2	400	960	55	45	21	1200	85 95 25 389 480/2/60 2 PASS DVAR. & COND.

PUMP SCHEDULE

MARK	HEAD IN FEET	SERVICE	MOTOR HP	ELECTRICAL VOLTS/PH/Hz	REMARKS
CHP-1	960	CHILLED WATER	15	480/3/60	
CHP-2	960	CHILLED WATER	15	480/3/60	
CWP-1	1200	CONDENSER WATER	20	1750	
CWP-2	1200	CONDENSER WATER	20	1750	
CP-1	1425	CIRCULATING	40	1750	
CP-2	1425	CIRCULATING	40	1750	

AIR HANDLING UNIT SCHEDULE

MARK	FAN		COOLING				MOTOR		ELECTRICAL VOLTS/PH/Hz	REMARKS		
	OUTSIDE AIR CFM	INTERNAL AIR CFM	FACE VELOCITY	HEAT RECOVERY	TOT. AIR LEV. AR.	ENT. AIR LEV. AR.	HP	RPM				
AHU-1	8430	1315	1.60	550	288.7	362.4	82.0/88.2	51.7/56.5	10	1,750	480/3/60	13.4
AHU-2	4030	1215	1.60	550	128.5	204.0	55.7/71.5	54.7/59.8	5	1,750	480/3/60	13.4
AHU-3	13190	615	2.00	2100	380.1	409.2	79.3/85.1	54.7/59.8	10	1,750	480/3/60	13.4
AHU-4	5580	1540	2.10	2100	274.8	416.4	65.3/68.2	55.7/59.8	10	1,750	480/3/60	13.4
AHU-5	18640	430	2.00	2100	470.3	511.2	78.7/82.5	55.7/59.8	20	1,750	480/3/60	13.4
AHU-6	20510	430	2.30	2100	516.7	561.6	78.7/82.5	55.7/59.8	20	1,750	480/3/60	13.4
AHU-7	8650	1745	1.90	1700	289.5	432.4	64.3/68.4	53.7/58.1	10	1,750	480/3/60	13.4
AHU-8	14480	455	2.00	2100	395.2	444.0	78.5/82.5	54.7/59.8	10	1,750	480/3/60	13.4
AHU-9	13640	340	2.00	2100	365.8	402.0	78.7/82.5	55.7/59.8	10	1,750	480/3/60	13.4
AHU-10	7210	1585	2.10	1585	245.5	386.0	64.7/69.8	51.6/51.4	80	1,750	480/3/60	13.4
AHU-11	18580	985	2.00	2100	531.5	616.0	78.7/83.4	54.1/52.2	124	1,750	480/3/60	13.4
AHU-12	18750	720	2.10	1700	522.0	600.0	78.2/83.0	54.1/52.1	120	1,750	480/3/60	13.4
AHU-13	9720	1745	1.80	1700	333.7	468.0	65.1/69.4	54.4/53.5	100	1,750	480/3/60	13.4
AHU-14	8100	1020	1.80	1700	279.1	382.4	63.3/65.8	51.9/50.8	73	1,750	480/3/60	13.4
AHU-15	7650	1585	2.10	1700	289.6	421.2	64.4/69.5	53.3/52.5	87	1,750	480/3/60	13.4
AHU-16	10700	1475	2.00	1700	361.8	482.4	82.3/85.6	51.4/50.3	85	1,750	480/3/60	13.4

CONTROL VALVE SCHEDULE

VALVE NO.	SERVING	CFM	CV	BODY SIZE	REMARKS
C-1	AHU-1	61	27.5	1-1/2"	4.02 3 WAY COILED WATER
C-2	AHU-2	41	27.5	1-1/2"	2.22
C-3	AHU-3	82	41	2"	4.60
C-4	AHU-4	84	41	2"	4.20
C-5	AHU-5	103	41	2"	6.31
C-6	AHU-6	113	54	2-1/2"	4.38
C-7	AHU-7	91	41	2"	4.93
C-8	AHU-8	89	41	2"	3.90
C-9	AHU-9	81	41	2"	3.81
C-10	AHU-10	80	41	2"	3.81
C-11	AHU-11	124	54	2-1/2"	5.27
C-12	AHU-12	120	54	2-1/2"	4.94
C-13	AHU-13	100	41	2"	5.95
C-14	AHU-14	73	41	2"	3.17
C-15	AHU-15	85	41	2"	4.30
C-16	AHU-16	87	41	2"	5.60

UNIT HEATER SCHEDULE

MARK	CFM	HEATING KW	FLOW RATE	AMPS	VOLTS/PH/Hz
AHU-1	1300	450	45"	8	7.5 25.6 14"

FACTORY FURN. TRANSFORMER, USE BLOCK, STAT & WALL BRACKET
 SET STAT FOR ON AT 50°F & OFF AT 60°F
 * F. REQUIRED

* SET STAT FOR 'ON' AT 80°F AND 'OFF' AT 90°F WITH HIGH LIMIT CUT OFF SET AT 120°F
 * NECK SIZE SHALL BE SAME AS FLEX SIZE SERVING DIFFUSER UNLESS INDICATED OTHERWISE. THROUGHS ARE 4-WAY UNLESS INDICATED OTHERWISE.
 A RETURN AIR SHOWN AS RETURN AIR SHALL BE RETURNED TO THE UNIT UNLESS OTHERWISE SPECIFIED.
 CHARACTERISTICS OF LIGHT FIXTURES SEE SHEETS E-49 AND E-51.

* F/WATER - DOES NOT INCLUDE CLEAN FILTER LOSSES
 # INCLUDES DENSITY FOR WW OPERATION

RECORD DRAWING DATE: 10-11-83
 DRAWN BY: J. W. BROWN
 CHECKED BY: J. W. BROWN
 APPROVED BY: J. W. BROWN
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