

SOUND TRAP SCHEDULE

BASED ON INDUSTRIAL ACOUSTICS CO.

TRAP NUMBER	SYSTEM	LOCATION	CFM	SIZE INCHES L x W x H	SPEC. TYPE	MAX. P.D. IN W.G.	REMARKS:
TR-1	AHU-1	BUILDING A ELV+95'-4"	100	36 x 12 x 6	D	.02	TYPE-L
TR-2			85	X 12 x 6	D	.02	
TR-3			190	X 12 x 6	---		
TR-4			160	X 12 x 6	---		
TR-5			290	X 18 x 6	D	.05	
TR-6			250	X 18 x 6		.04	
TR-7			250	X 12 x 6		.08	
TR-8			200	X 12 x 6		.06	
TR-9			350	X 12 x 12	A	.02	TYPE-L
TR-10			300	X 18 x 6		.02	
TR-11			720	X 18 x 12		.04	
TR-12			650	X 18 x 12		.05	
TR-13			900	X 18 x 12		.05	
TR-14			800	X 18 x 12		.02	
TR-15			670	X 18 x 12		.04	
TR-16			600	X 18 x 12		.03	
TR-17			1100	X 24 x 12		.03	
TR-18			1050	X 24 x 12		.02	
TR-19		ELV+14'-0"	100	X 12 x 6	D	.02	
TR-20			90	X 12 x 6		.02	TYPE-S
TR-21			180	X 12 x 6		.05	
TR-22			150	X 12 x 6		.04	
TR-23		0'-0"	180	X 12 x 6		.05	
TR-24			150	X 12 x 6		.04	
TR-25			100	X 12 x 6		.02	
TR-26			87	X 12 x 6		.02	
TR-27			720	X 12 x 12		.10	
TR-28			750	X 12 x 12		.09	
TR-29			160	X 12 x 6		.05	
TR-30			140	X 12 x 6		.04	
TR-31			360	X 12 x 12		.05	
TR-32			260	X 12 x 12		.04	
TR-33			240	X 12 x 6		.08	
TR-34			200	X 12 x 6		.06	
TR-35			300	X 18 x 6		.05	
TR-36			260	X 18 x 6		.04	
TR-37			270	X 18 x 6		.04	
TR-38			220	X 18 x 6		.02	
TR-39	AHU-4	BUILDING B ELV+12'-8"	80	X 12 x 6		.02	
TR-40			87	X 12 x 6		.02	
TR-41			770	X 18 x 12	A	.09	
TR-42	AHU-1	ELV+0'-0"	100	X 12 x 6	D	.02	
TR-43			85	X 12 x 6	P	.02	TYPE-L
TR-44		BUILDING C ELV+25'-4"	1070	X 24 x 12	A	.02	
TR-45			900	X 18 x 12		.02	
TR-46			320	X 18 x 6		.02	
TR-47			270	X 18 x 6		.02	
TR-48			200	X 12 x 6		.02	
TR-49			170	X 12 x 6		.02	
TR-50			2700	X 30 x 12		.05	TYPE-S
TR-51		ELV+14'-0"	430	X 18 x 6	D	.06	
TR-52			370	X 18 x 6		.05	
TR-53		ELV+0'-0"	440	X 18 x 6		.06	
TR-54			380	X 18 x 6		.05	
TR-55			670	X 18 x 12		.08	
TR-56			600	X 18 x 12		.07	
TR-57	AHU-4	BUILDING D	90	X 12 x 6		.02	
TR-58			87	X 12 x 6		.02	
TR-59			180	X 12 x 6		.05	
TR-60			160	X 12 x 6		.04	
TR-61		BUILDING E	90	X 12 x 6		.02	
TR-62			87	X 12 x 6		.02	
TR-63			180	X 12 x 6		.05	
TR-64			160	X 12 x 6		.04	
TR-65	AHU-5	BUILDING O	7870	X 48 x 18	A	.06	TYPE-L
TR-66	AHU-3	BUILDING C	4470	36 x 36 x 24		.04	
TR-67			7000	64 x 36 x 18		.07	
TR-68			4000	64 x 30 x 18		.06	
TR-69			7000	36 x 36 x 18		.06	
TR-70	AHU-2	BUILDING E	12400	36 x 48 x 60		.02	
TR-71			4400	36 x 30 x 24		.04	
TR-72			11000	36 x 48 x 24		.09	
TR-73			7800	36 x 48 x 24		.06	
TR-74			4700	36 x 30 x 18		.07	
TR-75			1000	36 x 24 x 12		.07	

UNIT HEATER AND CABINET HEATER SCHEDULE

Based on "TRANE"

GENERAL				DATA				FAN DATA				MOTOR DATA		REMARKS:
UNIT NO.	SERVICE	LOCATION	HEATING MEDIA	CAPACITY (MBH)	TOTAL WATER (GPM)	HOT WATER (GPM)	WATER PRESS. (PSI)	MANUFACTURER'S MODEL NO.	FAN TYPE	DRIVE	SPR. (RPM)	MIN. MOTOR SPEED (RPM)	MAX. MOTOR SPEED (RPM)	
UH-1	MECH. RM	MECH. RM	WATER	40	1100	200	4.17	70-5	DIRECT		1550	1/8	1550	
UH-2	MECH. RM	MECH. RM	"	40	1100	200	4.17	70-5	"		1550	1/8	1550	
CH-1	ENTRANCE	BUILDING A ELV+14'-0"	WATER	42.5	800	200	2.5	08-D	75/50 DIRECT		1550	1/2	1550	STYLE D 34A-08
CH-2	"	"	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-3	ENTRANCE	BUILDING C ELV+14'-0"	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-4	"	"	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-5	ENTRANCE	BUILDING D VESTIBULE	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-6	"	"	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-7	ENTRANCE	BUILDING E VESTIBULE	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-8	"	"	"	42.5	150	200	2.5	08-D			1550	1/2	1550	"
CH-9	RECEIVING ENTRANCE	BUILDING A ELV+0'-0"	"	67	160	200	4.0	10-D			1550	1/2	1550	"
CH-10	LOBBY SKY-LIGHT	BUILDING E	"	67	160	200	4.0	10-D			1550	1/2	1550	"
CH-11	"	"	"	67	160	200	4.0	10-D			1550	1/2	1550	"

CENTRIFUGAL PUMP SCHEDULE

Based on "THE WEINMAN PUMPS CO."

GENERAL				PUMP				DATA				MOTOR DATA				REMARKS:	
PUMP NUMBER	SERVICE	LOCATION	TYPE	WATER HEAD (PSI)	TOTAL IN. HEAD (FT)	IN. PRESS. (PSI)	MANUFACTURER'S MODEL NUMBER	WATER PRESS. (PSI)	WATER TEMP. (°F)	WATER VISC. (CP)	MIN. MOTOR SPEED (RPM)	MAX. MOTOR SPEED (RPM)	MIN. MOTOR SIZE (HP)	MAX. MOTOR SIZE (HP)			
P-1	RODION WATER	MECH. ROOM	K	125	70	125	2K-B1	2K-B1	181	80	8 3/4	280	48	5	1750	6.5	
P-2	RODION WATER	MECH. ROOM	K	125	70	125	2K-B1	2K-B1	181	80	8 3/4	280	48	5	1750	6.5	
P-3	REHEAT COIL	MECH. ROOM	K	270	90	270	2KHB4A	2KHB4A	212	105	10 1/4	625	9	10	1750	8	
P-4	REHEAT COIL	MECH. ROOM	K	270	90	270	2KHB4A	2KHB4A	212	105	10 1/4	625	9	10	1750	8	

STEAM PRESSURE REDUCING AND RELIEF VALVE SCHEDULE

Based on "SARGO"

PRESSURE REDUCING VALVES				RELIEF VALVES				REMARKS:
VALVE NO.	SERVICE	LOCATION	MIN. INLET PRESS. (PSI)	MIN. OUTLET PRESS. (PSI)	MIN. INLET CAP. (GPM)	MIN. OUTLET CAP. (GPM)	MANUFACTURER'S MODEL NO.	
PRV-1	HEAT EXCHANGERS	MECH. ROOM	60	15	15	7000	3-25P	58V1
PRV-2	"	"	60	15	15	6000	4 1/2-25P	
RV-1	"	"	60	15	15	6000	4 1/2-25P	

NOTE: P.R. VALVES TO BE FURNISHED WITH SPECIAL CONDENSATION CHAMBER.

CONNECTOR SCHEDULE

Based on "TRANE"

UNIT NUMBER	TOTAL METAL (CFT)	AVERAGE WATER TEMP. (°F)	SPR. (CFT)	DEPTH (FT)	HEIGHT (FT)	REMARKS:
CS-1	10.0	200	10	44	20	RK
CS-2	7.0	200	7	32	20	RK
CS-3	13.1	200	13	36	32	RK
CS-4	8.5	200	8.5	38	20	RK

SOUND TRAP SCHEDULE

Based on "TRANE"

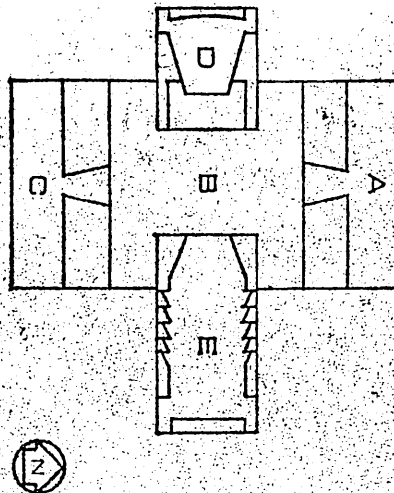
TRAP NUMBER	LOCATION	CFM	SIZE L x W x H	SPEC. TYPE	MAX. P.D.	REMARKS:
TR-1	MECH. RM	42,700	64 x 48 x 60	C	150	
TR-2	"	30,300	64 x 60 x 36	C	124	
TR-3	"	79,700	64 x 64 x 36	C	140	
TR-4	"	64,700	64 x 48 x 36	C	114	
TR-5	"	30,000	64 x 60 x 36	C	137	
TR-6	"	47,000	64 x 48 x 36	C	128	
TR-7	"	37,700	64 x 48 x 36	C	121	
TR-8	"	18,000	64 x 48 x 36	C	110	
TR-9	"	21,800	64 x 36 x 14	C	110	
TR-10	"	8,160	64 x 36 x 14	C	110	
TR-11	"	10,000	64 x 36 x 14	C	115	
TR-12	"	7,700	64 x 36 x 14	C	115	
TR-13	"	10,650	64 x 36 x 14	C	114	
TR-14	"	13,700	64 x 36 x 14	C	110	
TR-15	"	4,700	36 x 48 x 18	C	102	
TR-16	"	4,700	36 x 48 x 18	C	102	
TR-17	"	4,000	36 x 48 x 18	C	102	



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EQUIPMENT SCHEDULES
PMc M-2