UNIT HEATER SCHEDULE

SYMBOL	LOCATION	MFG. NO.	BTUH CAP.	ARRANGE-MENT	GPM	TEMP. DROP	PRESS. DROP	CFM	H.P. MOTOR	VOLT/ PH	REMARKS
UH-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
UH-2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
UH-3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
UH-4	TRASH RM	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
UH-5	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
UH-6	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	MFG. NO.	CFM	S.P.	HP/W	RPM	TIP SPEED	REMARKS
EF-1	EMR	Z10S	400	0.25"	243	1050	——	1 2 4 7
EF-2	TRASH RM	DX13S	200	0.38"	1/12	1300	3988	2 3 5 6 7
EF-3	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-4	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-5	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-6	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-7	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-8	ROOF	DX13S	400	0.38"	1/12	1300	3988	2 3 5 6 7
EF-9	ROOF	DX13S	360	0.38"	1/12	1300	3988	2 3 5 6 7
EF-10	ROOF	DX11R	280	0.38"	1/7	1550	4514	2 3 5 6 7
EF-11	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-12	ROOF	DX11R	280	0.38"	1/7	1550	4514	2 3 5 6 7
EF-13	ROOF	DX10S	140	0.38"	1/25	1300	3381	2 3 5 6 7
EF-14	ROOF	DX11S	210	0.38"	1/11	1300	3786	2 3 5 6 7
EF-15	ROOF	DX10S	140	0.38"	1/25	1300	3381	2 3 5 6 7
EF-16	ROOF	DX06R	70	0.25"	1/30	1550	4007	2 3 5 6 7
EF-17	ROOF	DX06R	70	0.25"	1/30	1550	4007	2 3 5 6 7
EF-18	GARAGE	BLL30	7000	0.12"	1/2	857	5180	2 3 6 7 8
EF-19	GARAGE	BLL30	7000	0.12"	1/2	857	5180	2 3 6 7 8
SAF-1	MECH. ROOM	P24W	3500	0.13"	1/2	780	——	1 2 3 4 5 6 7 8 9

FANS BASED ON : PENN , SEE SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS , SAF-1 # 2 BASED ON KANALFLAKT.

1 THERMOSTAT CONTROLLED
2 BACKDRAFT DAMPER
3 WALL DISCHARGE CAP
4 120 V - 1 PHASE- 60 HZ.
5 SPEED CONTROL
6 ROOF CURB (SEE PLANS FOR ROOF SLOPE) .
7 FACTORY MOUNTED DISCONNECT SWITCH.
8 208V-3 PHASE-60 HZ
9 CO/NO SENSOR CONTROLLED

PUMP & CIRCULATOR SCHEDULE

SYMBOL	MFG. NOS.	GPM	FT. HEAD	H.P.	RPM	VOLT / PH	REMARKS
P-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P-2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P-3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P-4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P-5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
P-6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 MFR. BASED ON : TACO , SEE SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS.
2 P-1 & 2 SHALL BE FURNISHED WITH FREQUENCY DRIVES.
3 P-5 BE CHOICE CONSTRUCTION.

NOTE: P-1 & P-2 SHALL BE KEPT/ALSO OPERATED

DIFFUSERS-GRILLES-REGISTERS

SYMBOL	MFGR # MODEL#	SIZE	CFM	NC	PD	THROW	CONN.	REMARKS
A	ANEMOSTAT #EPL	6" DIA.	0-100	<20	0.03	2-6	6" DIA.	ED GRID
B	ANEMOSTAT #EPL	8" DIA.	101-200	<20	0.01	3-8	8" DIA.	ED GRID
C	ANEMOSTAT #EPL	10" DIA.	201-400	<29	0.05	5-14	10" DIA.	ED GRID
D	ANEMOSTAT #EPL	12" DIA.	401-640	<29	0.03	7-17	12" DIA.	ED GRID
E	ANEMOSTAT #S3HD	8"x8"	0-100	<25	0.04	——	10" DIA.	——
F	ANEMOSTAT #SCSL	12"x24"	351-700	<25	0.04	——	14" DIA.	——
G	ANEMOSTAT #SCSL	24"x24"	701-1300	<30	0.03	——	16" DIA.	——
H	ANEMOSTAT #S2VO	12"x6"	0-100	<20	0.02	9-15	6" DIA.	VD
J	ANEMOSTAT #S2VO	14"x8"	101-200	<20	0.03	11-18	8" DIA.	VD
K	ANEMOSTAT #S2VO	16"x8"	201-350	<20	0.02	13-20	10" DIA.	VD
L	ANEMOSTAT #S2VO	24"x8"	351-450	<20	0.02	18-28	10" DIA.	VD
M	ANEMOSTAT S3HD	8"x8"	0-100	<20	0.02	——	6" DIA.	VD
N	ANEMOSTAT #DM41	6"x6"	0-100	<20	0.08	3-6	6"x6"	VD
P	ANEMOSTAT #DM41	8"x8"	101-200	<20	0.08	4-9	8"x8"	VD
Q	ANEMOSTAT #DM41	8"x12"	201-350	<20	0.08	5-11	8"x12"	VD
R	ANEMOSTAT #DM41	12"x12"	351-500	<20	0.08	7-14	12"x12"	VD

FIN RADIATION SCHEDULE

SYMBOL	NO. TIERS	LENGTH OF FIN	COVER STYLE	COVER LENGTH	MBH	REMARKS
1	1	1	SLOPE	SEE PLAN	0.8	
2	1	2	SLOPE	SEE PLAN	1.5	
3	1	3	SLOPE	SEE PLAN	2.3	
4	1	4	SLOPE	SEE PLAN	3.1	
5	1	5	SLOPE	SEE PLAN	3.9	
6	1	6	SLOPE	SEE PLAN	4.6	
7	1	7	SLOPE	SEE PLAN	5.4	
8	1	8	SLOPE	SEE PLAN	6.2	
9	1	9	SLOPE	SEE PLAN	6.9	
10	1	10	SLOPE	SEE PLAN	7.7	
11	1	11	SLOPE	SEE PLAN	8.5	
12	1	12	SLOPE	SEE PLAN	9.2	
13	1	13	SLOPE	SEE PLAN	10.0	
14	1	14	SLOPE	SEE PLAN	10.8	
15	1	15	SLOPE	SEE PLAN	11.6	
16	1	16	SLOPE	SEE PLAN	12.3	

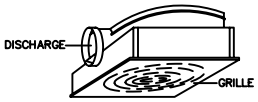
BASED ON STERLING # LB2-R04 FIN RADIATION, 3/4" TUBE, 2-3/4x3-3/4 FINS, 50 FINS/FT. 185 AVG. WATER TEMP. , 770 BTUH / L.F. OVERALL 3-1/4" DEEP x 10-3/4" HIGH PROVIDE COVER & ACCESSORIES AS SHOWN ON PLANS.

BOILERS B-1 AND B-2

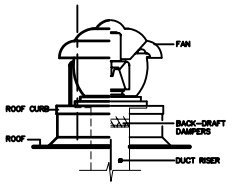
PATTERSON-KELLEY MODEL SN1,000-AGA, 1,000.0 MBH INPUT, 850.0 MBH OUTPUT, NATURAL GAS FIRED, ELECTRONIC CONTROLS, 85% EFF, COPPER FINNED TUBE DESIGN, 100 PSI RELIEF VALVE, DIAGNOSTICS CONTROL PANEL, 10 YR. WARRANTY, MANUAL RESET HI-LIMIT, FLOW SWITCH, LOW WATER CUT-OFF, 120V-1PH-60HZ, 8 MCA

DOMESTIC WATER HEATERS & TANKS

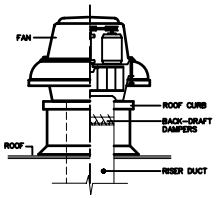
THREE (3) HEAT-FLO #80-HO, EACH 312 GPH, 173.8 MBH, 15 GPM, 12 FT PD, 80 GALLON CAPACITY, 27" DIA, 59" HIGH, 1" CONN'S.



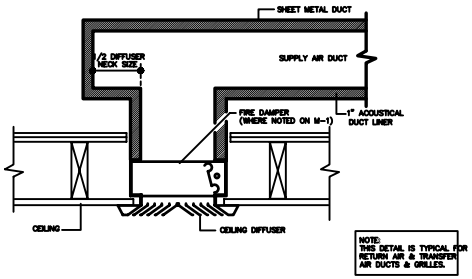
CEILING FAN



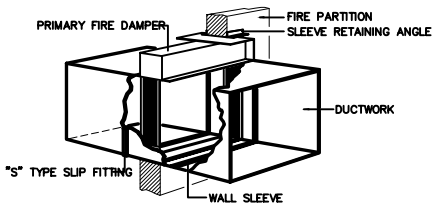
DIRECT DRIVE FAN



V-BELT DRIVE FAN

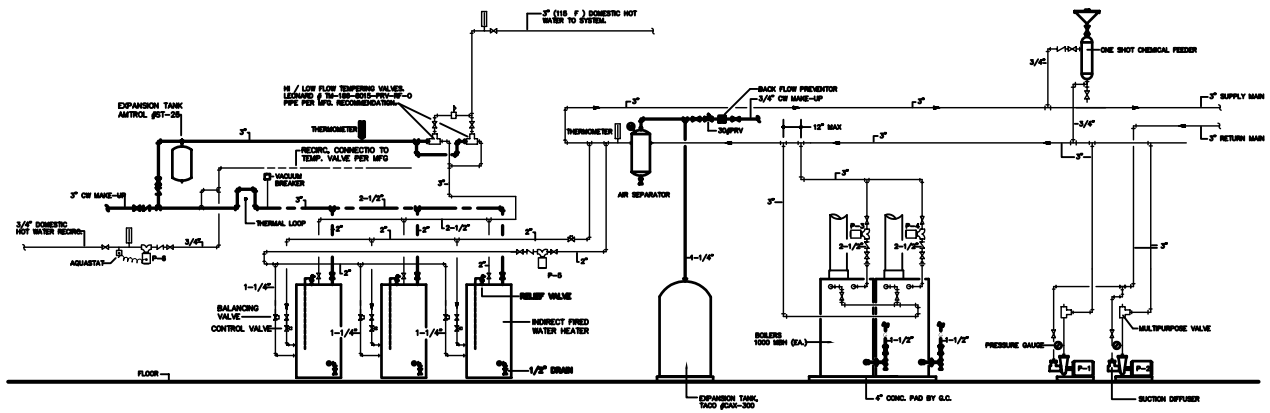


FIRE DAMPER / CEILING TYPE



PRIMARY FIRE DAMPER DETAIL

TYPE "B" 100% FREE AREA



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BID DOCUMENTS
5/23/03

SCHEDULES & DETAILS

XXX | XXX | 1/8"=1'-0" | 5/23/03 | 02296

CASCO TERRACE
41 STATE STREET,
PORTLAND, MAINE

M-7
OF 7

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