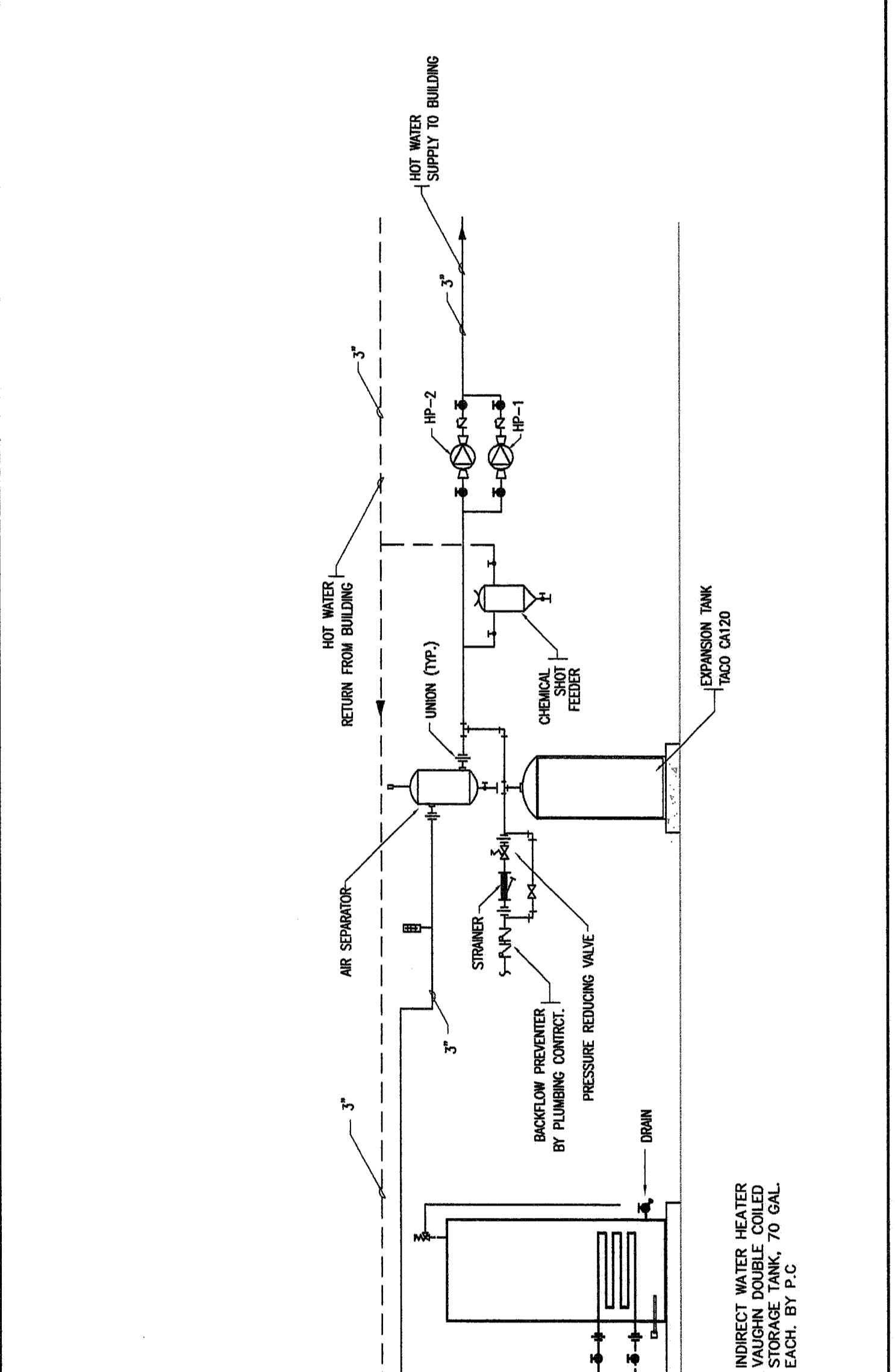


BOILER PIPING DETAIL
N.T.S.



EXHAUST FAN SCHEDULE

TAG	LOCATION	SPRINKLER	TYPE	DRIVE	CFM	SP	RPM	HP	V/F	ROOF OPENING	GREENHECK MODEL	CONTROLS
EA-1	ROOF	ROOF	ROOF	801	700	1/2	1772	1/4	115/1	14-1/2" x 14-1/2"	GB-101-4	TIME CLOCK
EA-2	ROOF	ROOF	ROOF	801	600	1/2	1184	1/4	115/1	14-1/2" x 14-1/2"	GB-101-4	TIME CLOCK
EA-3	ROOF	ROOF	ROOF	801	400	1/2	1061	1/4	115/1	14-1/2" x 14-1/2"	GB-980	TIME CLOCK
EA-4	ROOF	ROOF	ROOF	801	400	1/2	1061	1/4	115/1	14-1/2" x 14-1/2"	GB-980	TIME CLOCK
EA-5	ROOF	ROOF	ROOF	801	1000	1/2	1075	1/2	115/1	14-1/2" x 14-1/2"	GB-114-4	TIME CLOCK
EA-6	ROOF	ROOF	ROOF	801	2000	2	1025	2	200/3	N/A	SMP-116-20	TIME CLOCK
EA-7	ROOF	ROOF	ROOF	801	500	1/2	1080	1/4	115/1	N/A	CSB-010	TEST
EA-8	ROOF	ROOF	ROOF	801	500	1/2	1080	1/4	115/1	14-1/2" x 14-1/2"	CBE-008-4	TEST
EA-9	ROOF	ROOF	ROOF	801	500	1/2	1080	1/4	115/1	14-1/2" x 14-1/2"	CBE-008-4	TEST
EA-10	ROOF	ROOF	ROOF	801	500	1/2	1080	1/4	115/1	14-1/2" x 14-1/2"	CBE-008-4	TEST

NOTE: 1. PROVIDE ROOF CURB, DISCONNECT SWITCH, INTERMITTENT SWANK PLUG, MOTOR, STARTER, COMPENSATION OUTLET, FLEER GASKET WITH RELIEF, GFT, AND REMOTE TEMPERATURE SENSATION AND ROOM OVERSIDE THERMOSTAT, DISCONNECT SWITCH. PROVIDE INSULATING HOT GAS RETURN COIL.

HOT WATER CABINET HEATER SCHEDULE

TAG	LOCATION	TYPE	CFM	SP	CFM	HP	RPM	V/F	MODEL (DUNHAM-BUSH)
CH-1	CEILING	WALL RECESSED	30	3	400	0.035	1050	115/1	STYLE F-21, CHH-125
CH-2	CEILING	WALL MOUNTED	41	4	600	0.035	1050	115/1	STYLE RC-35, CHH-175
CH-3	CEILING	WALL MOUNTED	30	3	400	0.035	1050	115/1	STYLE RC-35, CHH-175

NOTE: PROVIDE DISCONNECT SWITCH AND WALL MOUNTED THERMOSTAT TO CONTROL THE FAN.

HOT WATER UNIT HEATER SCHEDULE

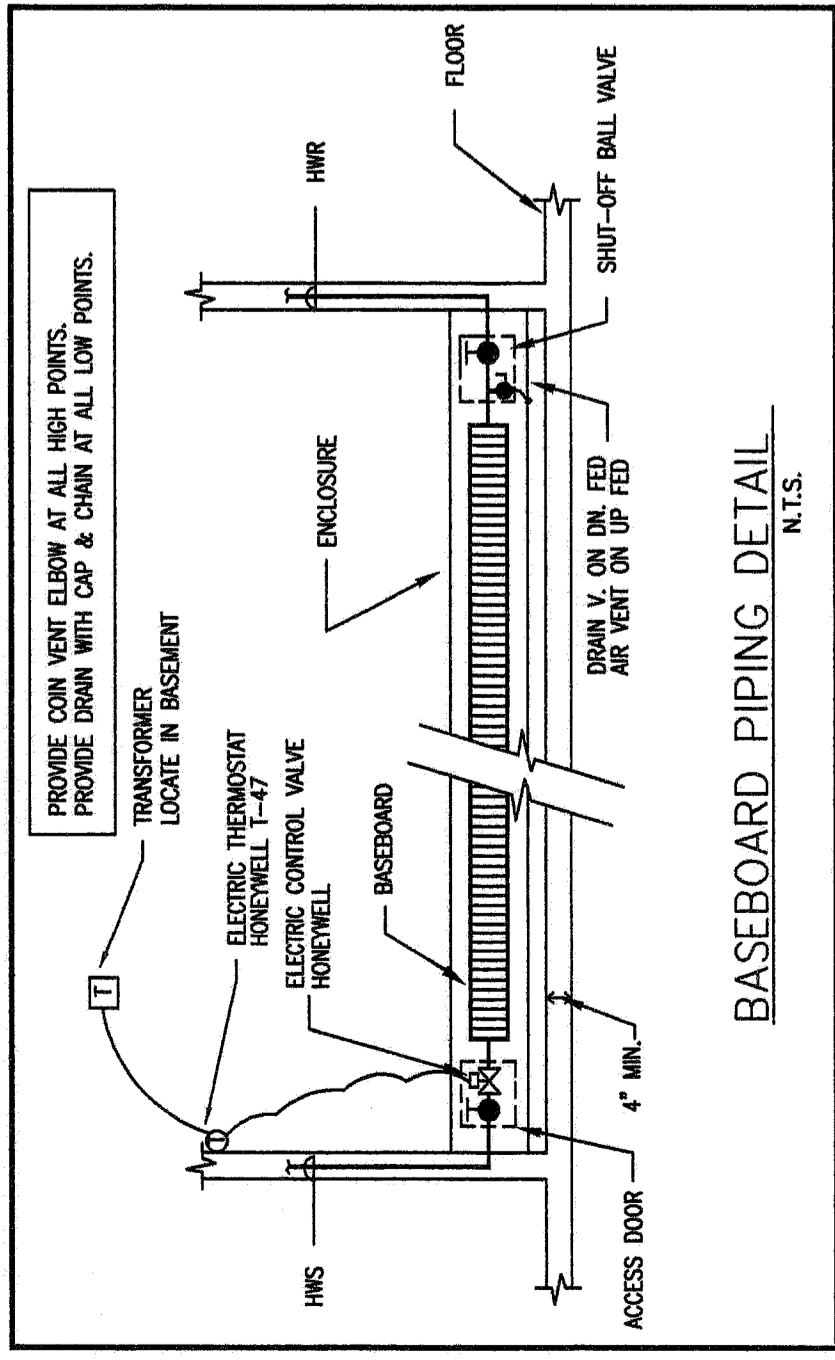
TAG	LOCATION	TYPE	CFM	SP	CFM	HP	RPM	V/F	MODEL (DUNHAM-BUSH)
HA-1	EXHAUST RM	EXHAUSTER	50	4	1400	1/8	1140	115/1	HA00C
HA-2	EXHAUST RM	EXHAUSTER	50	4	1400	1/8	1140	115/1	HA00C

NOTE: PROVIDE DISCONNECT SWITCH AND WALL MOUNTED THERMOSTAT TO CONTROL THE FAN.

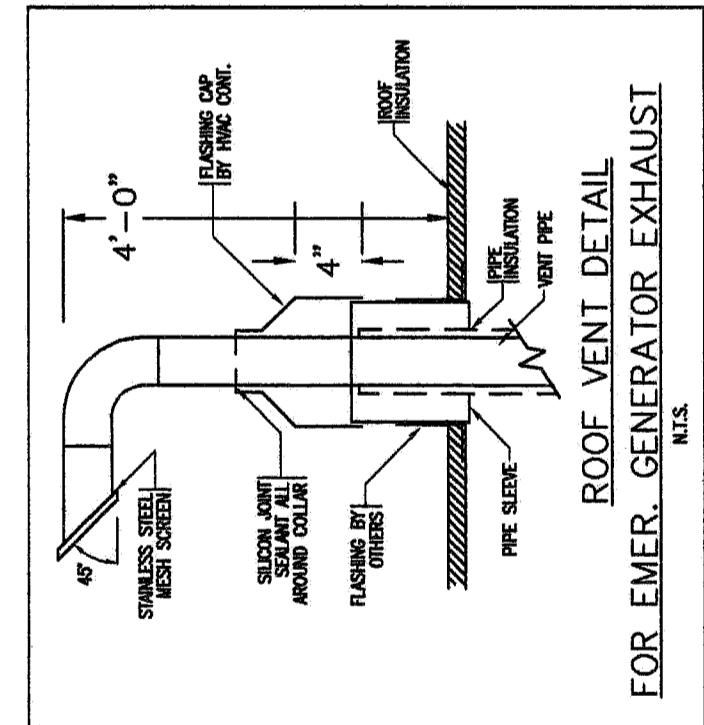
SPLIT SYSTEM HVAC UNIT SCHEDULE

TAG NO.	TYPE	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	
HW-1	ROOF	12	18	1/2	107	1/2	107	1/2	107	1/2	107	1/2	107	1/2	107	1/2	107	1/2	107	1/2	107	1/2	107

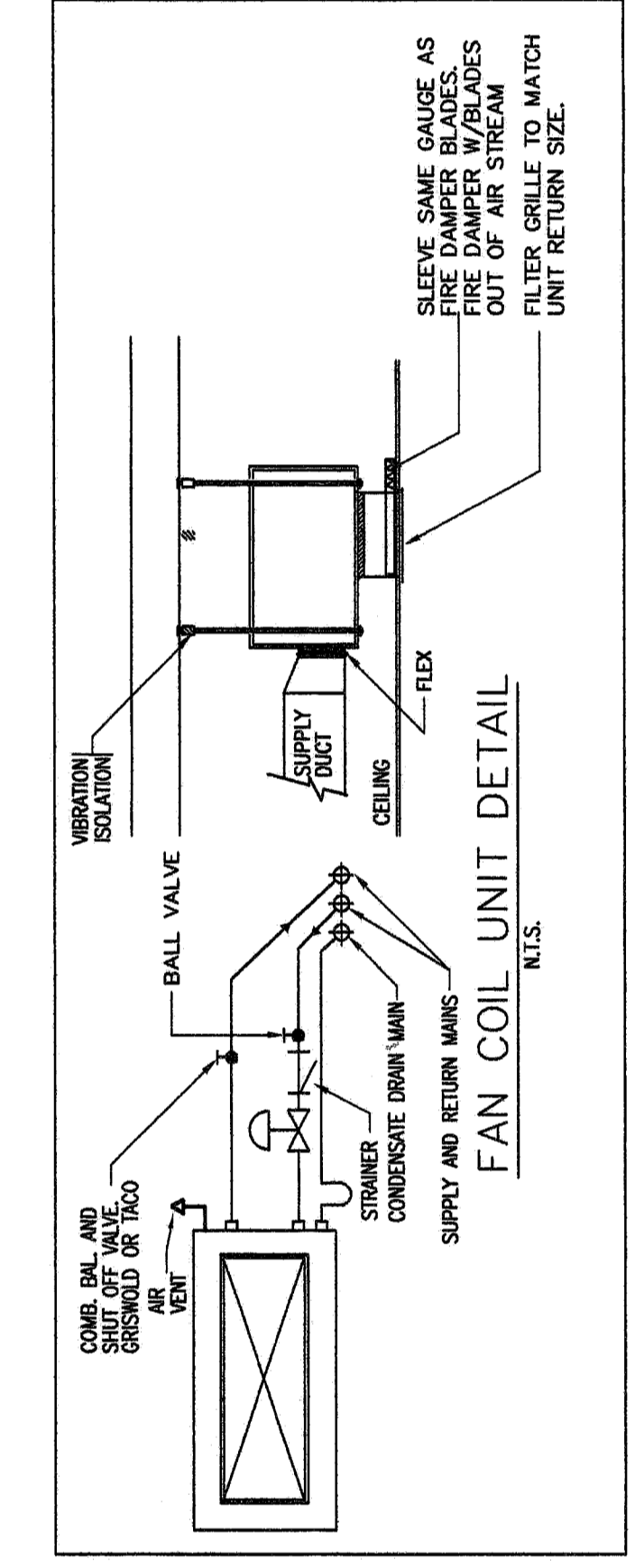
NOTE: 1. PROVIDE ROOF CURB, DISCONNECT SWITCH, INTERMITTENT SWANK PLUG, MOTOR, STARTER, COMPENSATION OUTLET, FLEER GASKET WITH RELIEF, GFT, AND REMOTE TEMPERATURE SENSATION AND ROOM OVERSIDE THERMOSTAT, DISCONNECT SWITCH. PROVIDE INSULATING HOT GAS RETURN COIL.



BASEBOARD PIPING DETAIL
N.T.S.



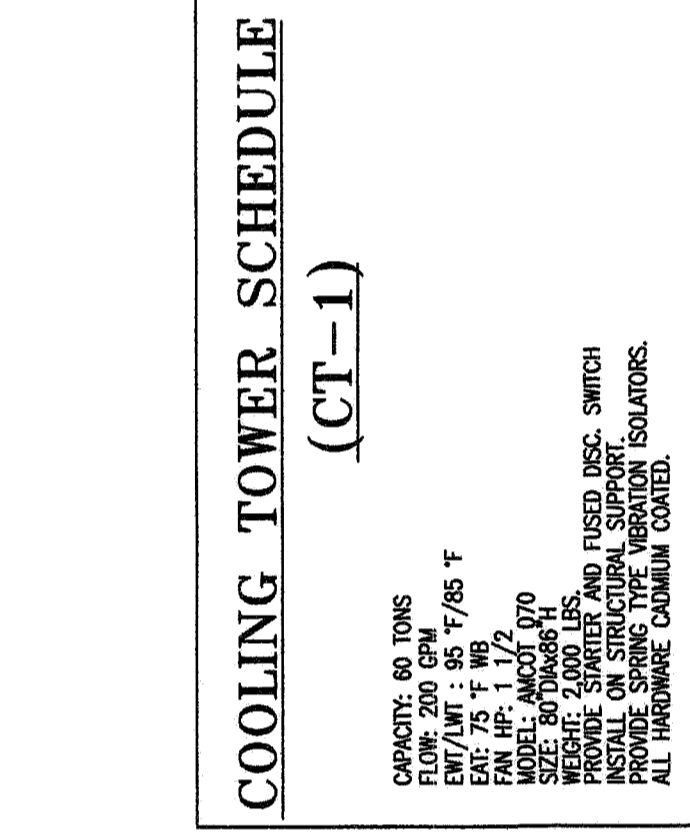
ROOF VENT DETAIL FOR EMERGENCY GENERATOR EXHAUST
N.T.S.



WATER COOLED CHILLER SCHEDULE (CH-1)

TAG	LOCATION	TYPE	CFM	SP	CFM	HP	RPM	V/F	MODEL (DUNHAM-BUSH)
CH-1	ROOF	WALL RECESSED	41	4	600	0.035	1050	115/1	STYLE RC-35, CHH-175

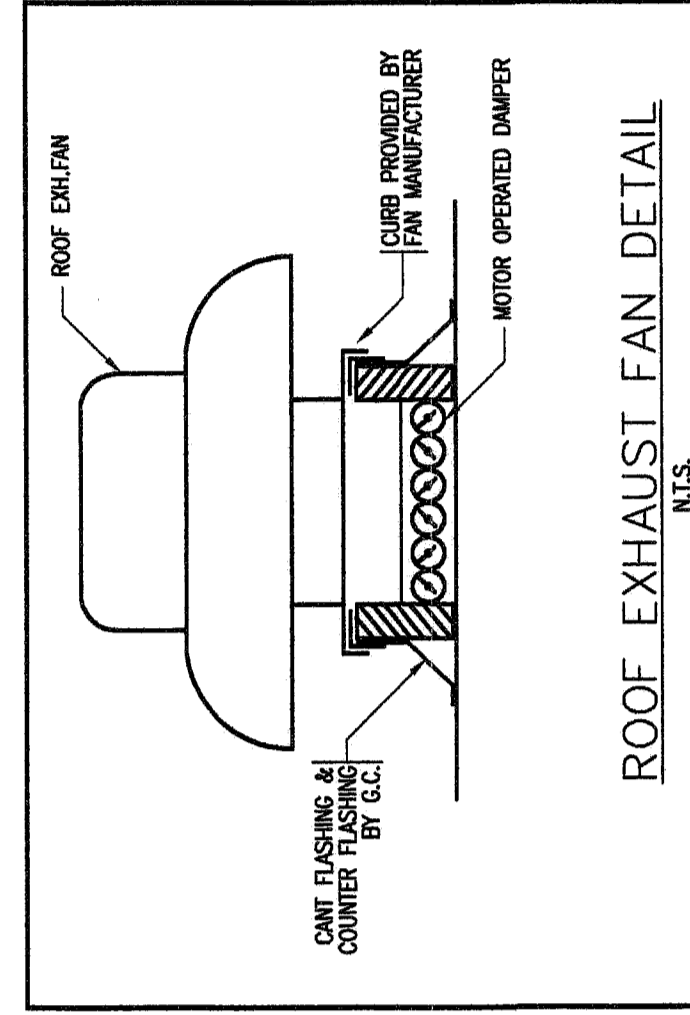
NOTE: PROVIDE DISCONNECT SWITCH AND WALL MOUNTED THERMOSTAT TO CONTROL THE FAN.



COOLING TOWER SCHEDULE (CT-1)

TAG	LOCATION	TYPE	CFM	SP	CFM	HP	RPM	V/F	MODEL (DUNHAM-BUSH)
CT-1	ROOF	WALL RECESSED	41	4	600	0.035	1050	115/1	STYLE RC-35, CHH-175

NOTE: PROVIDE DISCONNECT SWITCH AND WALL MOUNTED THERMOSTAT TO CONTROL THE FAN.



ROOF EXHAUST FAN DETAIL
N.T.S.

PACKAGE 100% O.A. ROOFTOP UNIT SCHEDULE

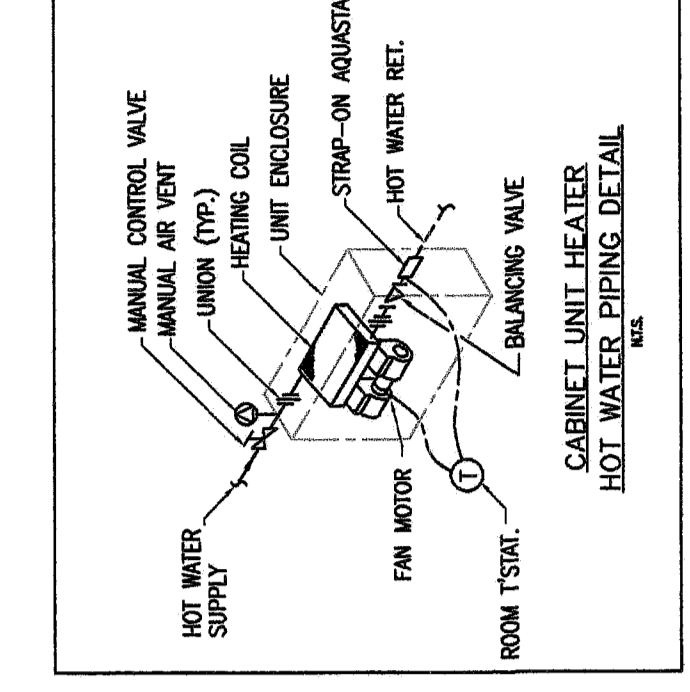
UNIT	LOCATION	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP
RAU-1	ROOF	3660	1.2	160	112	62/78	59/59	0	80	440	3	85	209/2/60	RM-015-3-0-A502-378								

NOTE: PROVIDE THE FOLLOWING ACCESSORIES:
- 400 SS HEAT EXCHANGER AND BURNER, INTERMITTENT SWANK PLUG, MOTOR, STARTER, COMPENSATION OUTLET, FLEER GASKET WITH RELIEF, GFT, AND REMOTE TEMPERATURE SENSATION AND ROOM OVERSIDE THERMOSTAT, DISCONNECT SWITCH. PROVIDE INSULATING HOT GAS RETURN COIL.

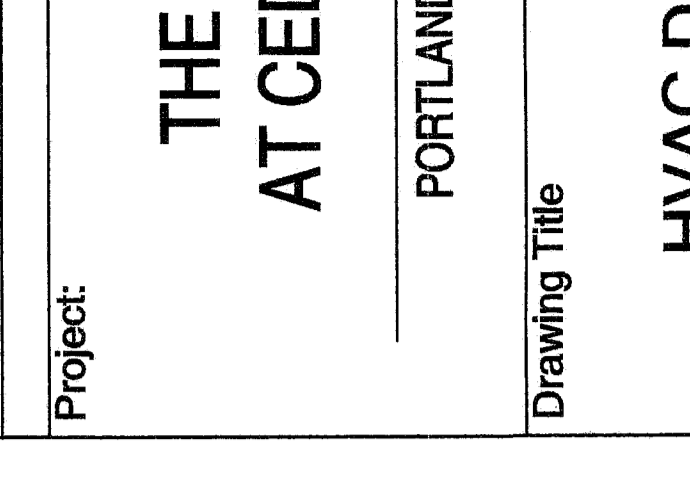
GAS FIRED MAKE-UP AIR UNIT SCHEDULE

TAG	LOCATION	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP	CFM	SP	HP
MU-1	ROOF	2000	1.5	1350	2	400	312	288/3	RM-250													

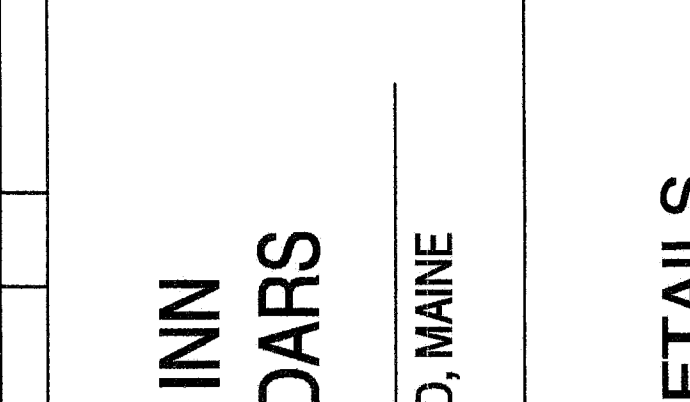
NOTE: PROVIDE THE FOLLOWING ACCESSORIES:
- 400 SS HEAT EXCHANGER AND BURNER, INTERMITTENT SWANK PLUG, MOTOR, STARTER, COMPENSATION OUTLET, FLEER GASKET WITH RELIEF, GFT, AND REMOTE TEMPERATURE SENSATION AND ROOM OVERSIDE THERMOSTAT, DISCONNECT SWITCH. PROVIDE INSULATING HOT GAS RETURN COIL.



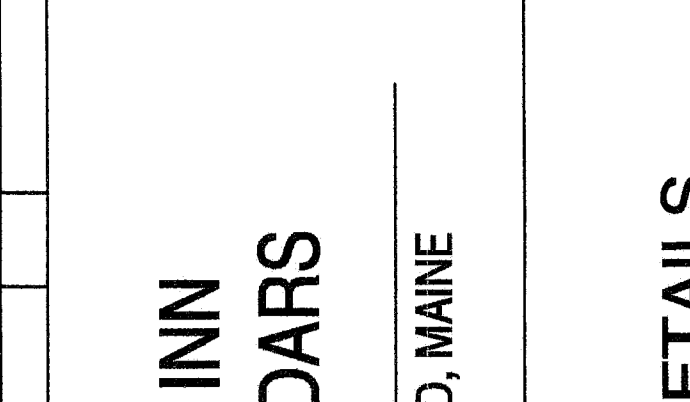
WATER COIL PIPING DETAIL
N.T.S.



WALL HEATER SCHEDULE
N.T.S.



COOLING FAN COIL UNIT SCHEDULE
N.T.S.



WATER PUMP SCHEDULE
N.T.S.

REVISIONS

No.	Date
1	03/20/06
2	10/05/06
3	11/22/06

GENERAL REVISIONS
FINAL PRICING
HOLD FIRM COMMITMENT

THE INN AT CEDARS
PORTLAND, MAINE
Drawing Title
HVAC DETAILS AND SCHEDULES

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369 Elliot Street
Newton Upper Falls, MA 02464
(617) 989-4774 Fax (617) 989-4783
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FAX (617) 461-2640
www.zade.com

PROJECT INFORMATION

OWNER	THE INN AT CEDARS
DATE	03/20/06
PROJECT	100% O.A. ROOFTOP

SCALE

DATE	03/20/06
PROJECT	100% O.A. ROOFTOP

H-4