

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 10-0899	Issue Date:	CBL: 046 D029001
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Location of Construction: 619 CONGRESS ST	Owner Name: BAXTER LIBRARY LP	Owner Address: ONE CITY CETNER 4TH FLOOR	Phone:
Business Name:	Contractor Name: HVAC Services, Inc.	Contractor Address: 73 Bradley Drive Westbrook	Phone 2078544822
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-3

Past Use: Commercial - Office	Proposed Use: Commercial - Office install Trinity Gas in basement	Permit Fee: \$1,980.00	Cost of Work: \$196,000.00	CEO District: 2
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>*See Conditions</i>	INSPECTION: Use Group: Type: <i>State Gas Regs</i>	

Proposed Project Description: install Trinity Gas in basement	Signature: <i>(KG)</i>	Signature: <i>(Signature)</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: Date:		

Permit Taken By: Idobson	Date Applied For: 07/27/2010	Zoning Approval		
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Denied	<p>Zoning Appeal</p> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved	<p>Historic Preservation</p> <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied
	<p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>8/9/10</i></p>	<p>Date: <i>8/9/10</i></p>	<p>Date: <i>requires A Separate review & Approval</i></p>

PERMIT ISSUED

AUG 18 2010

City of Portland

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT ADDRESS DATE PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

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Business Name:	Contractor Name: HVAC Services, Inc.	Contractor Address: 73 Bradley Drive Westbrook	Phone (207) 854-4822
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Commercial - Office install Trinity Gas in basement	Proposed Project Description: install Trinity Gas in basement
---	---

Dept: Zoning	Status: Approved with Conditions	Reviewer: Marge Schmuckal	Approval Date: 08/09/2010
Note:	Ok to Issue: ✓		
1) All the conditions on the original permit are still in force.			
2) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.			
Dept: Building	Status: Approved with Conditions	Reviewer: Tammy Munson	Approval Date: 08/18/2010
Note:	Ok to Issue: ✓		
1) The installation must comply with the State of Maine Gas Regulations.			
Dept: Fire	Status: Approved with Conditions	Reviewer: Capt Keith Gautreau	Approval Date: 08/11/2010
Note:	Ok to Issue: ✓		
1) Install shall comply with all manufacture's specifications.			
2) Install shall comply with NFPA 54. A compliance letter is required			

PERMIT ISSUED

AUG 18

City of Portland



FILL IN AND SIGN WITH INK

PERMIT ISSUED
AUG 18 2010

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

City of Portland

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 619 Congress 46 D 29 Use of Building Office Date 7-26-10
Name and address of owner of appliance Baxter Library LA

Installer's name and address HVAC Services Inc. 73 Bradley Drive
Westbrook, ME 04092 Telephone 854-4822

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Trinity
 U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____
JUL 27 2010

Type of Chimney:
 Masonry Lined
 Factory built N/A

Metal
 Factory Built U.L. Listing # N/A

Direct Vent
 Type PVC Sched 40 U/A ANSI/ASTM D1785

Type of Fuel Tank
 Oil
 Gas

Size of Tank N/A NATURAL

RECEIVED

The Type of License of Installer: Dept. of Building Inspections
City of Portland Maine

Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT1058
 Other _____

Number of Tanks N/A

Distance from Tank to Center of Flame N/A feet.

Cost of Work: \$ \$196,000
 Permit Fee: \$ \$1,986

Approved

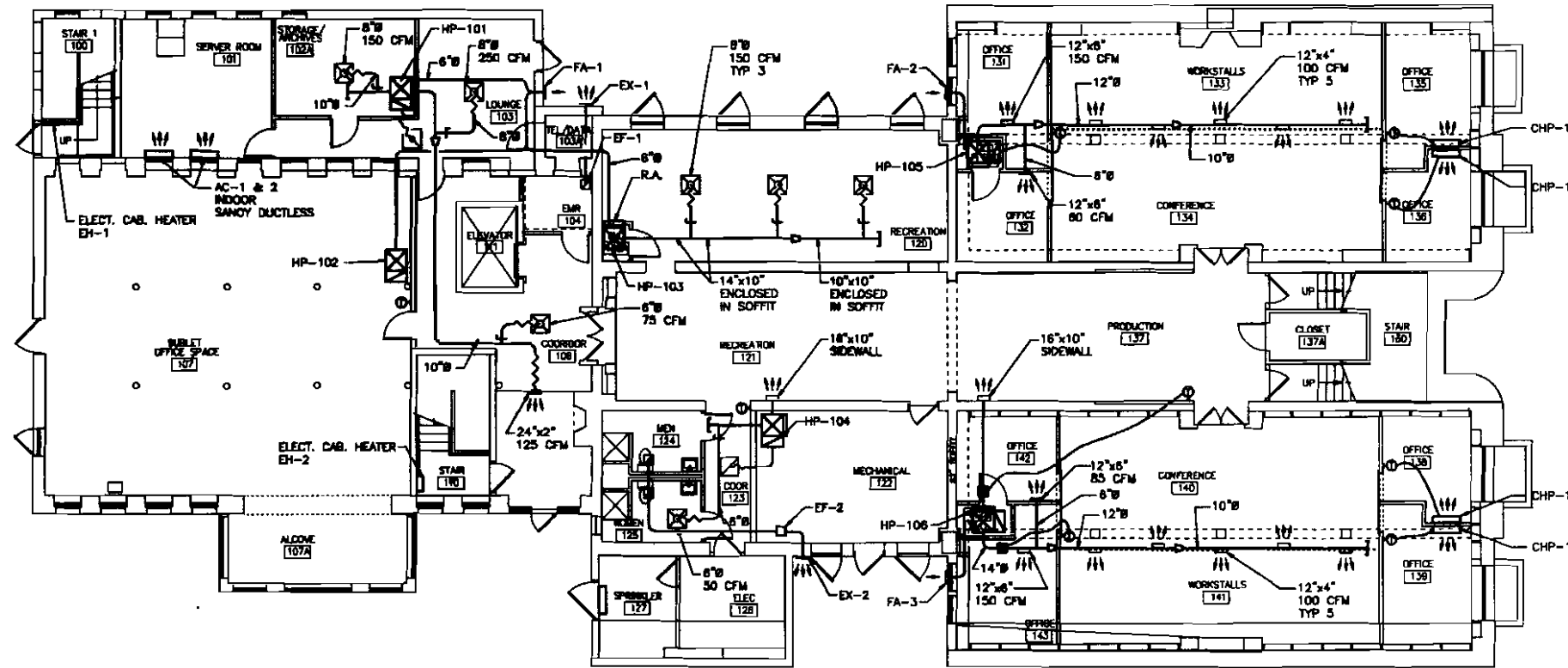
Approved with Conditions

Fire: _____
Ele.: _____
Bldg.: _____

See attached letter or requirement

Inspector's Signature _____ Date Approved _____

Signature of Installer [Signature]



HVAC - FIRST FLOOR PLAN

SCALE: 1/8"=1'-0"

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HVAC SERVICES, INC.
 Design • Build • Install • Service
 73 BRADLEY DRIVE
 WESTBROOK, MAINE 04092
 (207) 854-HVAC (4822)

REVISIONS	
NO.	NOTES

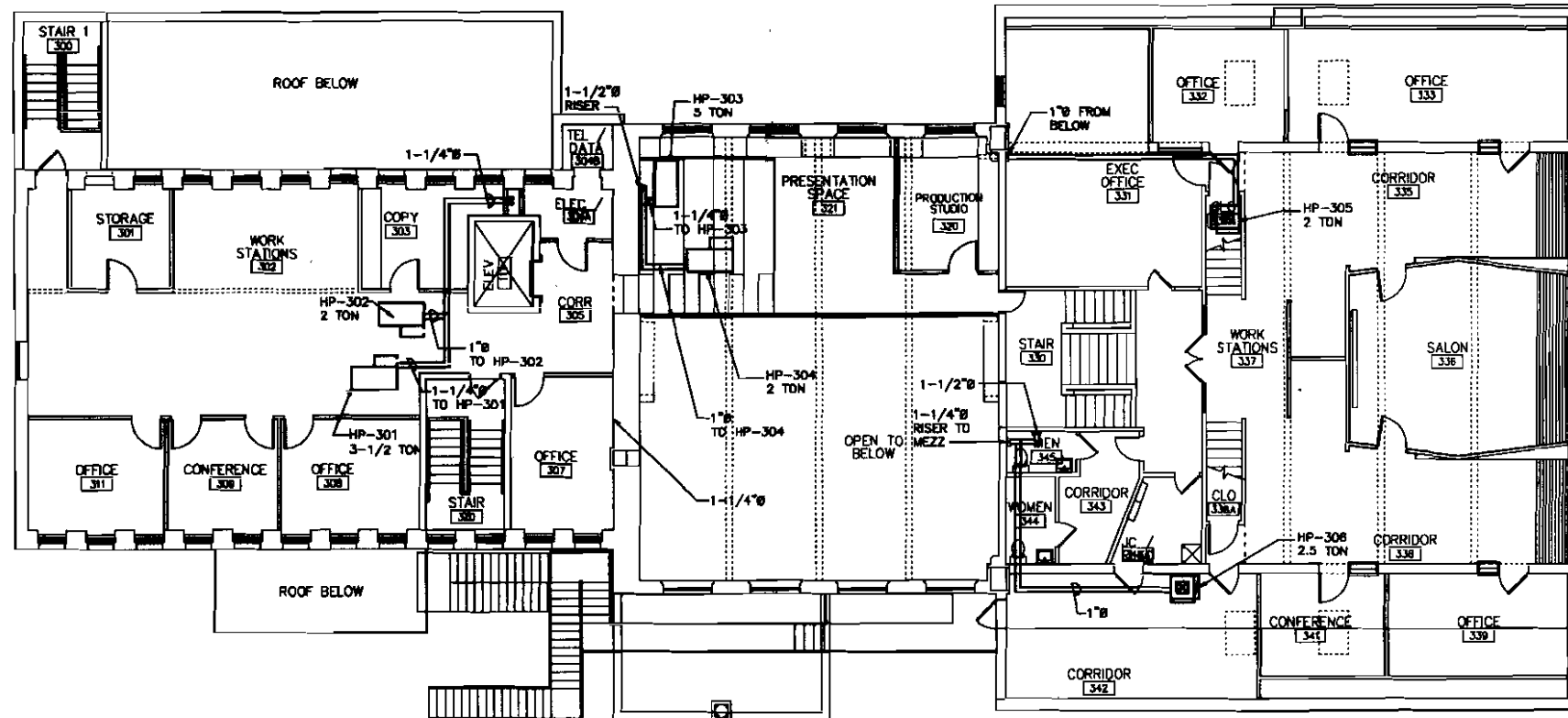
VIA BAXTER LIBRARY RENOVATION & INTERIOR FIT UP PROJECT:	
HVAC - FIRST FLOOR PLAN SHEET TITLE:	
SCALE: 1/8"=1'-0" DRAWN BY: A2Z CADD DRAFTING SERVICES, INC. CHECKED BY: "AS-BUILT" DATE:	DATE: 05-06-2010 SHEET No. HVAC-1

HP-307
(FUTURE)
1-1/2" B
TO HP-307
& HP-308

HP-308

ame

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PIPING - THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"

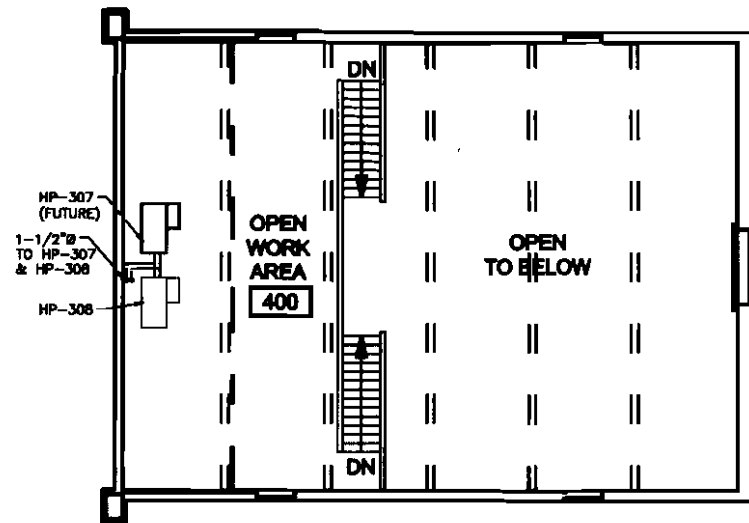


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REVISIONS		PROJECT: VIA BAXTER LIBRARY RENOVATION & INTERIOR FIT UP	
NO.	NOTES	PIPING - THIRD FLOOR PLAN	
		SHEET TITLE:	DATE: 05-06-2010
		SCALE: 1/8"=1'-0"	SHEET No.
		DRAWN BY: A2Z CADD DRAFTING SERVICES, INC.	P-3
		CHECKED BY:	
		"AS-BUILT" DATE:	



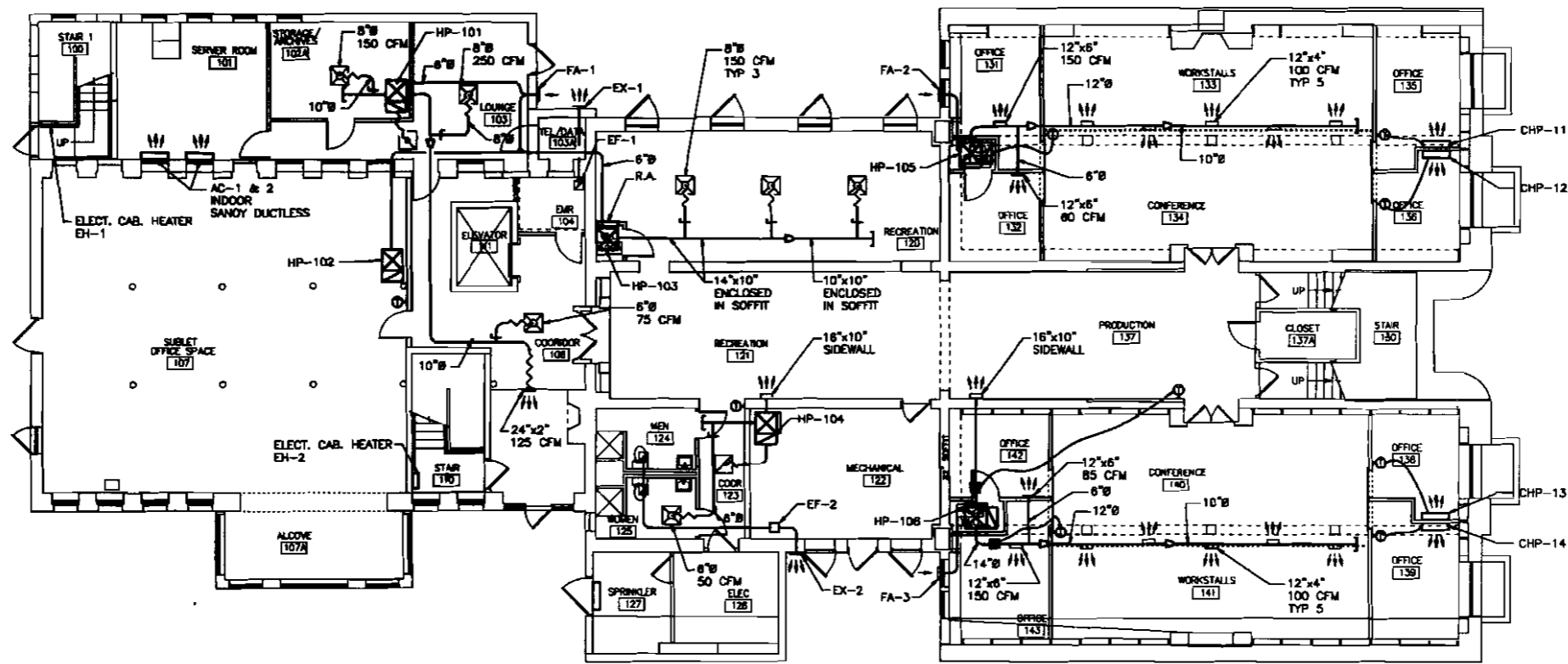
PIPING - MEZZ FLOOR PLAN
SCALE: 1/8"=1'-0"

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REVISIONS		PROJECT: VIA BAXTER LIBRARY RENOVATION & INTERIOR FIT UP	
NO.	NOTES	PIPING - MEZZ FLOOR PLAN	
SHEET TITLE:		SCALE: 1/8"=1'-0"	DATE: 05-06-2010
DRAWN BY: AZZ CADD DRAFTING SERVICES, INC.		CHECKED BY:	SHEET No. P-4
"AS-BUILT" DATE:			



HVAC - FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

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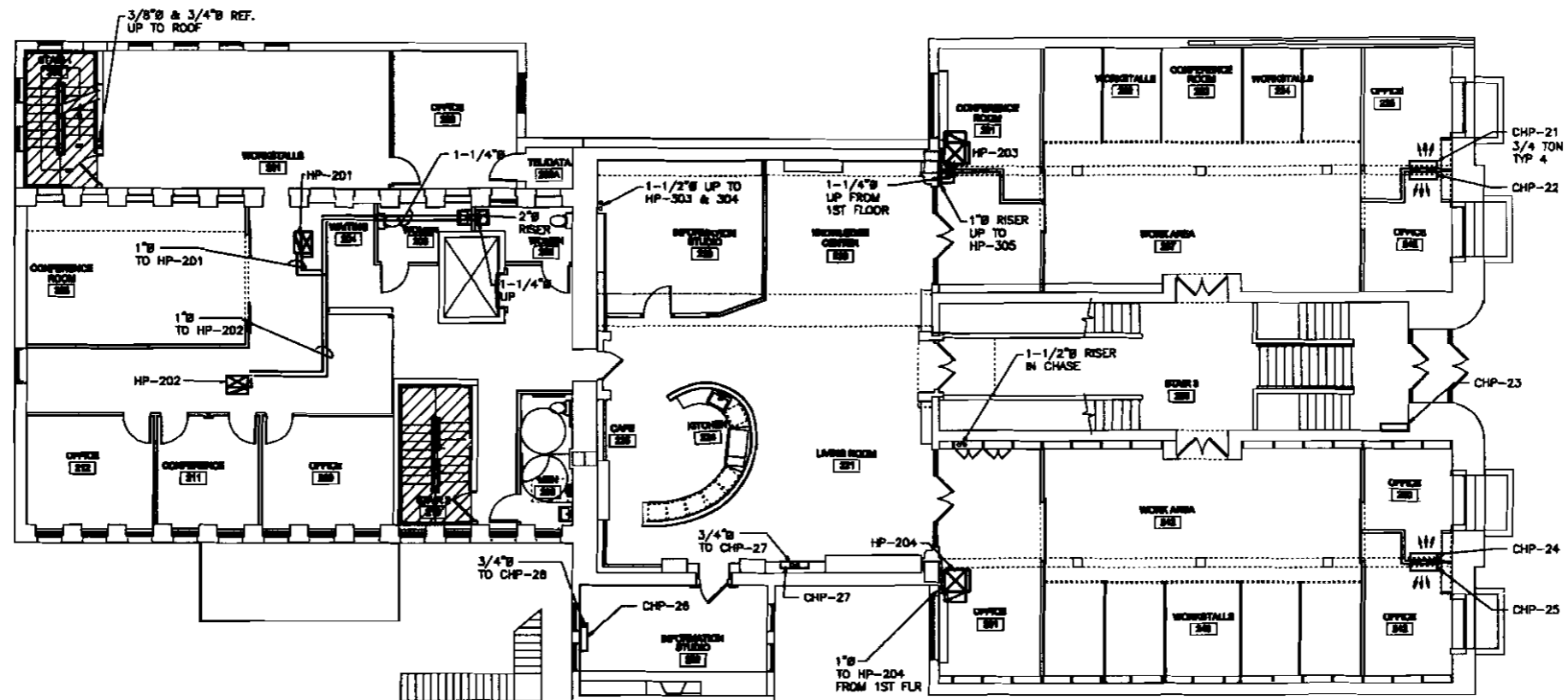
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REVISIONS		PROJECT: VIA BAXTER LIBRARY RENOVATION & INTERIOR FIT UP	
NO.	NOTES	SHEET TITLE: HVAC - FIRST FLOOR PLAN	
		SHEET TITLE:	DATE: 05-06-2010
		SCALE: 1/8"=1'-0"	SHEET No.
		DRAWN BY: AZZ CADD DRAFTING SERVICES, INC.	
		CHECKED BY:	
		"AS-BUILT" DATE:	
			HVAC-1



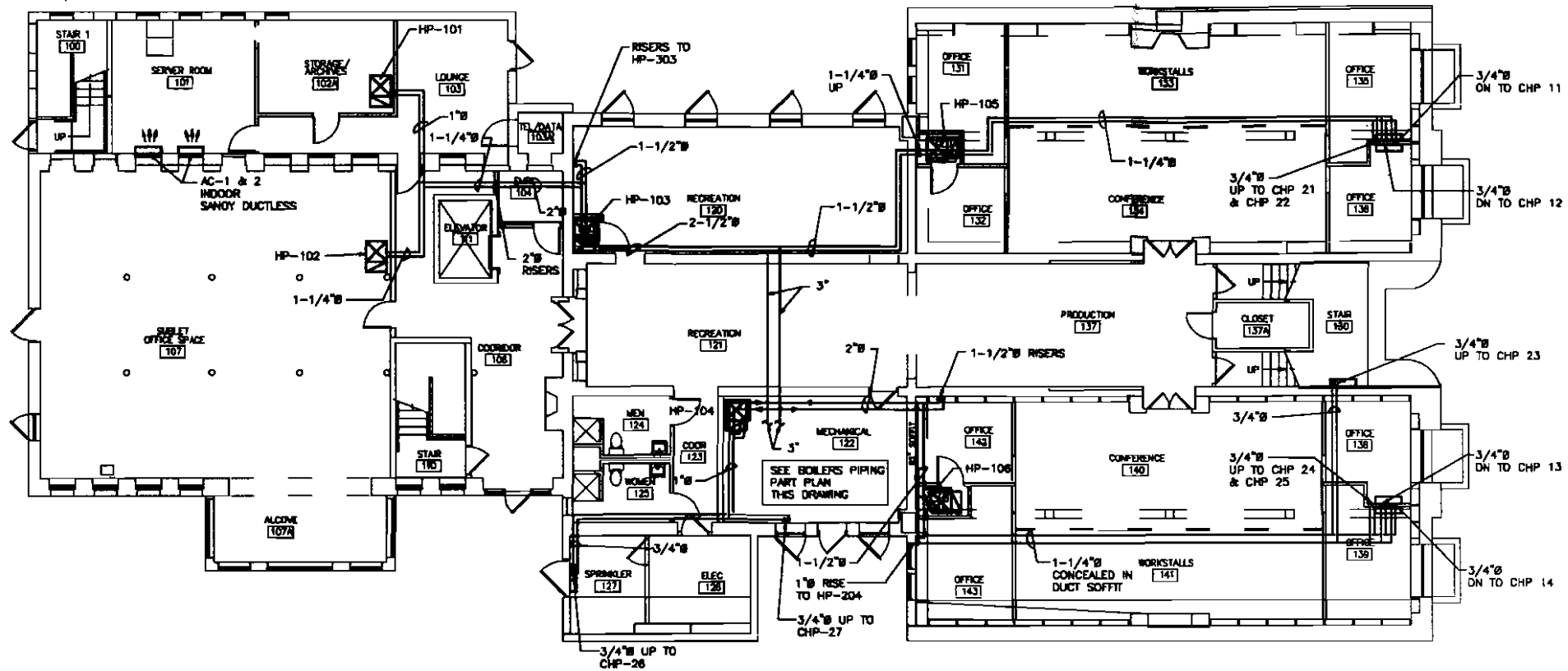
PIPING - SECOND FLOOR PLAN
SCALE: 1/8"=1'-0"

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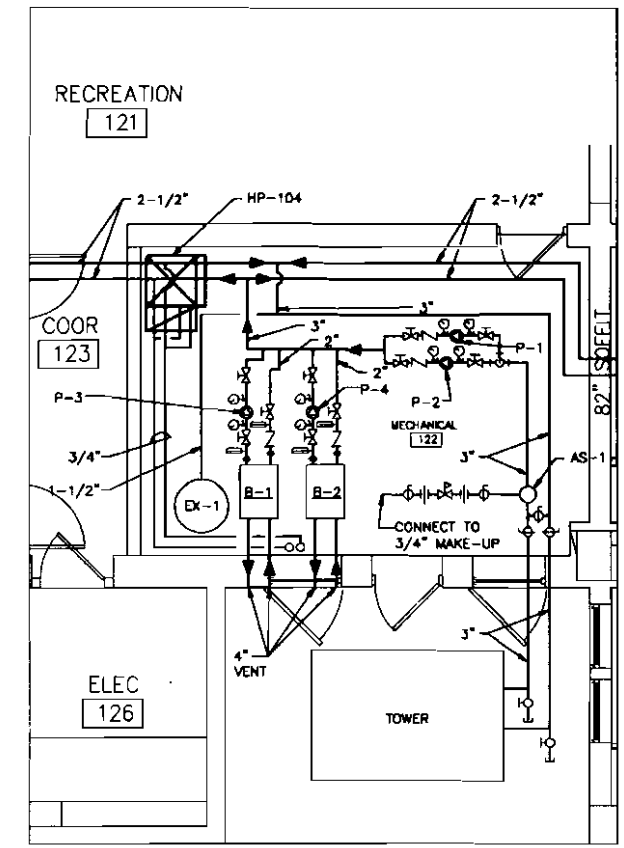


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REVISIONS		VIA BAXTER LIBRARY RENOVATION & INTERIOR FIT UP	
NO.	NOTES	PROJECT: PIPING - SECOND FLOOR PLAN	
		SHEET TITLE:	DATE: 05-06-2010
		SCALE: 1/8"=1'-0"	SHEET No.
		DRAWN BY: AZZ CADD DRAFTING SERVICES, INC.	P-2
		CHECKED BY:	
		AS-BUILT DATE:	



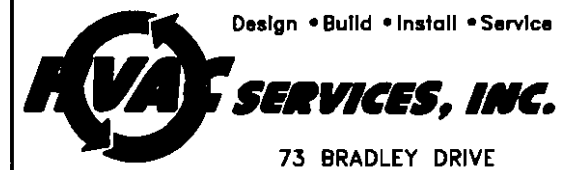
PIPING - FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"



BOILERS PIPING PLAN
SCALE: 1/4"=1'-0"



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REVISIONS		VIA BAXTER LIBRARY RENOVATION & INTERIOR FIT UP	
NO.	NOTES	PROJECT: PIPING - FIRST FLOOR PLAN	
		SHEET TITLE:	DATE: 05-06-2010
		SCALE: 1/8"=1'-0"	SHEET No.
		DRAWN BY: A22 CAD DRAFTING SERVICES, INC.	
		CHECKED BY:	P-1
		"AS-BUILT" DATE:	

CABINET HEAT PUMP

UNIT NO.	MFG	MODEL	UNIT POWER				SUPPLY FAN			COOLING COIL		GPM
			MCA	MAX FUSE	PHASE	VOLTS	CFM	HP	MOTOR RPM	TOT. CLG. (BTUH)	NOMINAL TONS	
CHP-11	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-12	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-13	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-14	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-21	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-22	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-23	TRANE	GECE018	12.3	15	1	208	800	1/8		18,000	1.5	3.75
CHP-24	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-25	TRANE	GECE008	5.4	15	1	208	300	1/20		9,000	0.75	1.9
CHP-26	TRANE	GECE018	10.9	15	1	208	500	1/12		15,000	1.25	3.13
CHP-27	TRANE	GECE018	12.3	15	1	208	800	1/8		18,000	1.5	3.75

HEAT PUMP

UNIT NO.	MFG	MODEL	UNIT POWER				SUPPLY FAN			COOLING COIL		GPM
			MCA	MAX FUSE	PHASE	VOLTS	CFM	HP	TOT. CLG. (BTUH)	NOMINAL TONS		
101	TRANE	GEVE	13.1	25	3	208	1,000	1/3		30,000	2.5	6.25
102	TRANE	GEVE	22.8	35	3	208	1,800	1/2		48,000	4	10
103	TRANE	GEVE	11.2	15	3	208	800	1/3		24,000	2	5
104	TRANE	GEVE	10.5	20	1	208	800	1/8		18,000	1.5	3.75
105	TRANE	GEVE	11.2	15	3	208	800	1/3		24,000	2	5
106	TRANE	GEVE	18	25	3	208	1,200	1/2		36,000	3	7.5
201	TRANE	GEHE	18	25	3	208	1,200	1/2		36,000	3	7.5
202	TRANE	GEHE	18	25	3	208	1,200	1/2		36,000	3	7.5
203	TRANE	GEHE	11.2	15	3	208	800	1/3		24,000	2	5
204	TRANE	GEHE	11.2	15	3	208	800	1/3		24,000	2	5
301	TRANE	GEHE	20.5	30	3	208	1,400	1/2		42,000	3.5	8.75
302	TRANE	GEHE	11.2	15	3	208	800	1/3		24,000	2	5
303	TRANE	GEHE	28	45	3	208	2,000	1		60,000	5	12.5
304	TRANE	GEHE	11.2	15	3	208	800	1/3		24,000	2	5
305	TRANE	GEVE	11.2	15	3	208	800	1/3		24,000	2	5
306	TRANE	GEVE	15.1	25	3	208	1,000	1/3		30,000	2.5	6.25
307	TRANE	GEHE	11.2	15	3	208	800	1/3		24,000	2	5
308	TRANE	GEHE	28	45	3	208	2,000	1		60,000	5	12.5

EXHAUST FANS

TAG	MANUFACTURER	MODEL #	AIR FLOW CFM	S.P.	VOLTS	RPM	AMPS	ACCESS
EF-1	BROAD	L-150	150	0.13	120	920	1.3	LINE VOLTAGE T-STAT
EF-2	BROAD	L-300	294	0.1	120	1145	2.6	
EF-3	BROAD	L-300	294	0.1	120	1145	2.6	
EF-4,5	BROAD	H800	80		120	1380	0.6	

UNIT HEATER

TAG	MANUFACTURER	MODEL #	WATTS	DISC.	CONTROLS	BTU'S	SERVICES
EH-1	BROAD	178	2,000	RECESSED	BUILT IN STAT	6826	STAIRWAY 100
EH-2	BROAD	178	2,000	RECESSED	BUILT IN STAT	6826	STAIRWAY 110

FRESH AIR INTAKES

TAG	MODEL	ROUGH OPENING	DESCRIPTION	FINISH
FA-1,7,8,9	WC-18XB	18 1/2 X 8 1/2	HOOD STYLE W/INSERT SCREW	BLACK ENAMEL FINISH
FA-2,3,5,6	WC-8XB	8 1/2 X 8 1/2	HOOD STYLE W/INSERT SCREW	BLACK ENAMEL FINISH
FA-4		13 X 13	ROOF MOUNT GOOSE NECK	GALV. FINISH
EX-1,2	WC-8XB	8 1/2 X 8 1/2	HOOD STYLE W/INSERT & BACKDRIFT	BLACK ENAMEL FINISH
EX-3		11X11	ROOF MOUNT HOOD W/CURB	GALV. FINISH

TOWER SCHEDULE

TAG	MANUFACTURER	MODEL #	GPM	HEAT REJ.	FAN MTR	PUMP MTR	VOLTAGE
1	BALTIMORE AIR COIL	FXV-421	148	895K BTU	7.5 HP	1.5	208/3PH

COOLING SPLIT SYSTEM SCHEDULE

TAG	MFG	SIZE	INDOOR MODEL	OUTDOOR MODEL	SEER	COOLING BTU'S	ELECTRICAL	MAX FUSE	REF	SERVES
AC-1	SANYO	2 TON	KS2474	C2474	17	24,000	208/230/1PH	20	410A	SERVER ROOM
AC-2	SANYO	2 TON	KS2474	C2474	17	24,000	208/230/3PH	20	410A	SERVER ROOM

VAV SCHEDULE

TAG	MANUFACTURER	MODEL #	GAS	BTU'S	AFUE	VOLTAGE
1	TRINITY	399	NAT	374K	94%	115/1PH
2	TRINITY	399	NAT	374K	94%	115/1PH

PUMPS SCHEDULE

TAG	MANUFACTURER	MODEL #	GPM	HEAD	HP	VOLTAGE
1	GRUNDFOS	2.5LMB	130	82	5	208/3PH
2	GRUNDFOS	2.5LMB	130	82	5	208/3PH
3	GRUNDFOS	UP 28-99	20	15	1/8	115/1PH
4	GRUNDFOS	UP 28-99	20	15	1/8	115/1PH



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REVISIONS

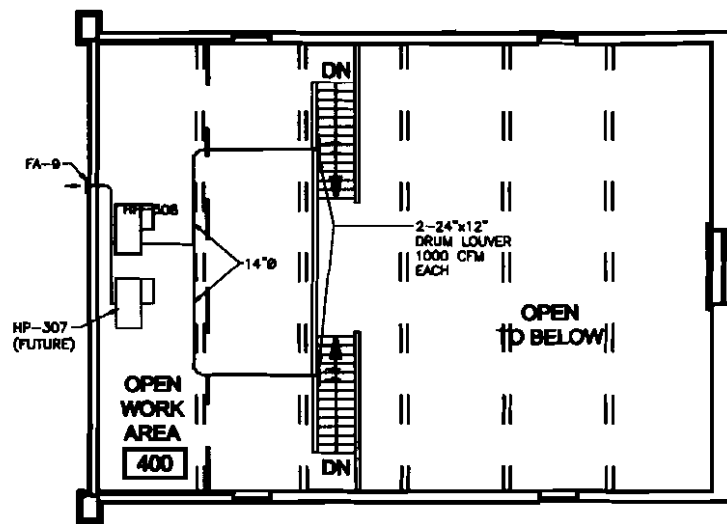
NO. NOTES

VIA
BAXTER LIBRARY RENOVATION
&
INTERIOR FIT UP

HVAC SCHEDULES

SHEET TITLE:
SCALE: 1/8"=1'-0"
DRAWN BY: AZZ CAD DRAFTING SERVICES, INC.
CHECKED BY:
"AS-BUILT" DATE:
DATE: 05-08-2010
SHEET No.

HVAC-5



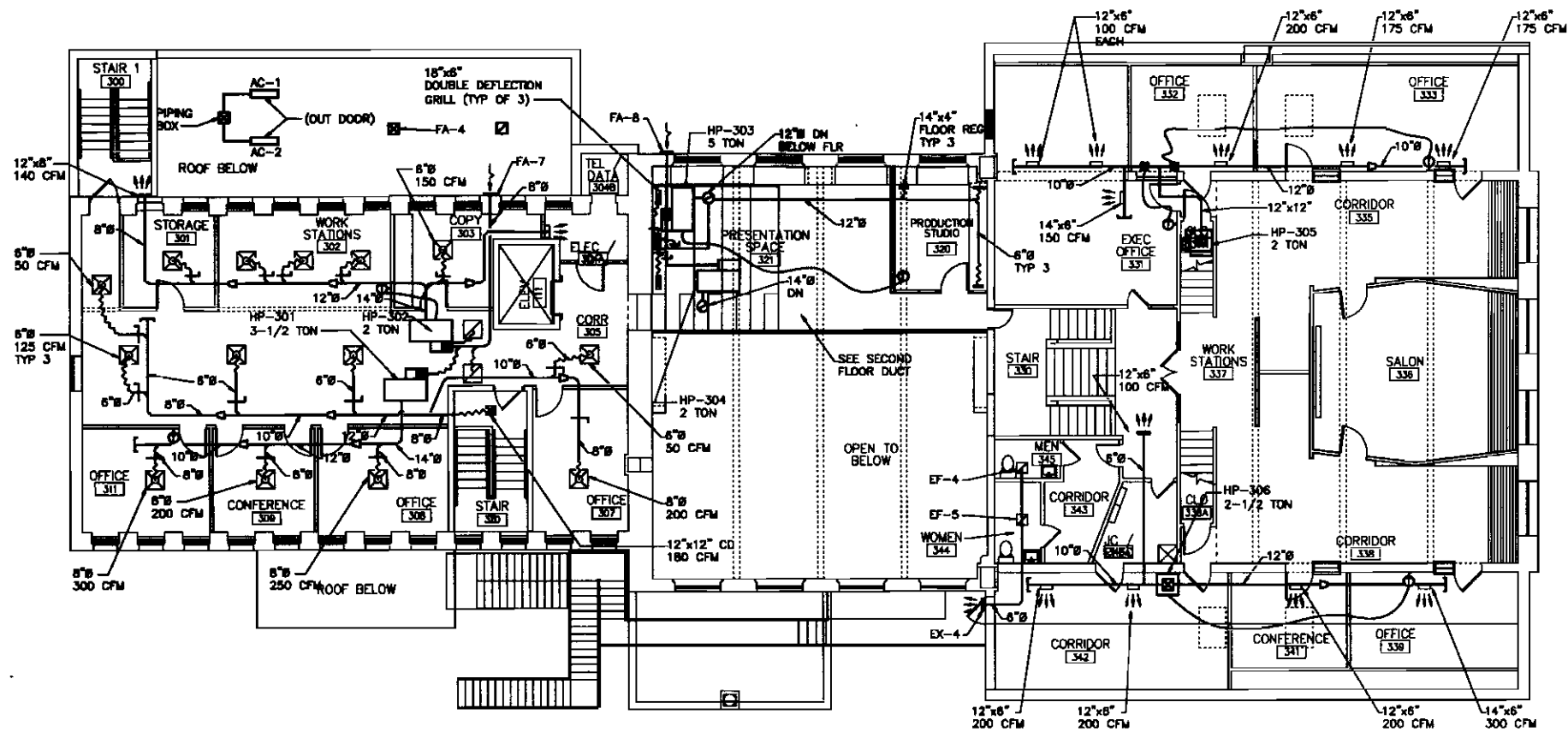
HVAC - MEZZ FLOOR PLAN
SCALE: 1/8"=1'-0"

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SHEET TITLE:		SCALE: 1/8"=1'-0"	DATE: 05-08-2010
DRAWN BY: A22 CADD DRAFTING SERVICES, INC.		SHEET No.	
CHECKED BY:		HVAC-4	
"AS-BUILT" DATE:			



HVAC - THIRD FLOOR PLAN
SCALE: 1/8"=1'-0"



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		SCALE: 1/8"=1'-0"	DATE: 05-06-2010
		DRAWN BY: A2Z CADD DRAFTING SERVICES, INC.	SHEET No.
		CHECKED BY:	HVAC-3
		AS-BUILT DATE:	