

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 03-0401	Issue Date:	CBL: 425 A002001
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Location of Construction: 125 Presumpscot St	Owner Name: Roundhouse Realty Associates Llc	Owner Address: 225 Commercial St	Phone:
Business Name:	Contractor Name: Air Temp	Contractor Address: 11 Wallace Ave South Portland	Phone 2077742300
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: IM

Past Use: BMV Office space	Proposed Use: BMV Office Space with gas heating unit on roof	Permit Fee: \$30.00	Cost of Work: \$0.00	CEO District: 2
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: 510	

Proposed Project Description:
Install gas heating unit on roof of building.

Signature: *[Signature]* Signature: *[Signature]*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: kwd	Date Applied For: 04/30/2003	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 align="center">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 Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>05/21/03</i>	<p align="center">Zoning Appeal</p> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	<p align="center">Historic Preservation</p> <input checked="" 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 Date: _____
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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

L&L Structural Engineering Services, Inc.
Six Q Street
South Portland, Maine 04106

Tel: (207) 767-4830
Fax: (207) 799-5432
E_mail: mark.leasure@verizon.net

MEMO

Date: Peter Whitmore
Project: The Round House
Project No.: TBA
From: Mark Leasure (L&L SES)

Discussion:

Peter, we have completed our review of the existing purlins and girders that will support the two new mechanical units above rooms 114 and 115B. As discussed verbally the following modifications are required to reinforce the existing beams.

6x12 PURLINS:

Add (1) 1 3/4x11 7/8 microlam to each side of the two purlins supporting the units. Attach the microlam to the purlins using two rows 16d common nails at 6" on center. The microlam should have bearing on each end and be fit tight or shimmed tight to the roof decking.

12x20 GIRDERS:

Add (1) 1 3/4x16 microlam to either face of the girder. Glue-nail the new piece to the existing girder using three rows 16d nails spaced at 6" o.c. staggered. Provide an additional 12 nails at each end.

Signed: _____

Mark F. Leasure
Mark Leasure, P.E.

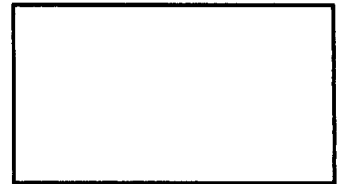


Cc: File



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



425 A 002

03-0401

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 125 Presumpscot St. Use of Building Office Date 4/25/03

Name and address of owner of appliance _____

Installer's name and address Airtemp 11 Wallace Ave S. Portland ME 04106

Telephone 774-2300

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Trane

U.L. Approved Yes No

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

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # _____
- Oil # _____
- Gas # PMT 1199
- Other _____

Type of Chimney:

- Masonry Lined
- Factory built _____

- Metal
- Factory Built U.L. Listing # _____

- Direct Vent
- Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank 500

Number of Tanks 5

Distance from Tank to Center of Flame 300 feet.

Approved

Fire: [Signature]

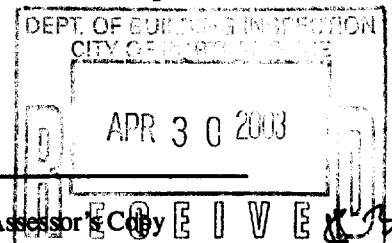
Ele.: [Signature]

Bldg.: [Signature]

Signature of Installer _____

Approved with Conditions

- See attached letter or requirement

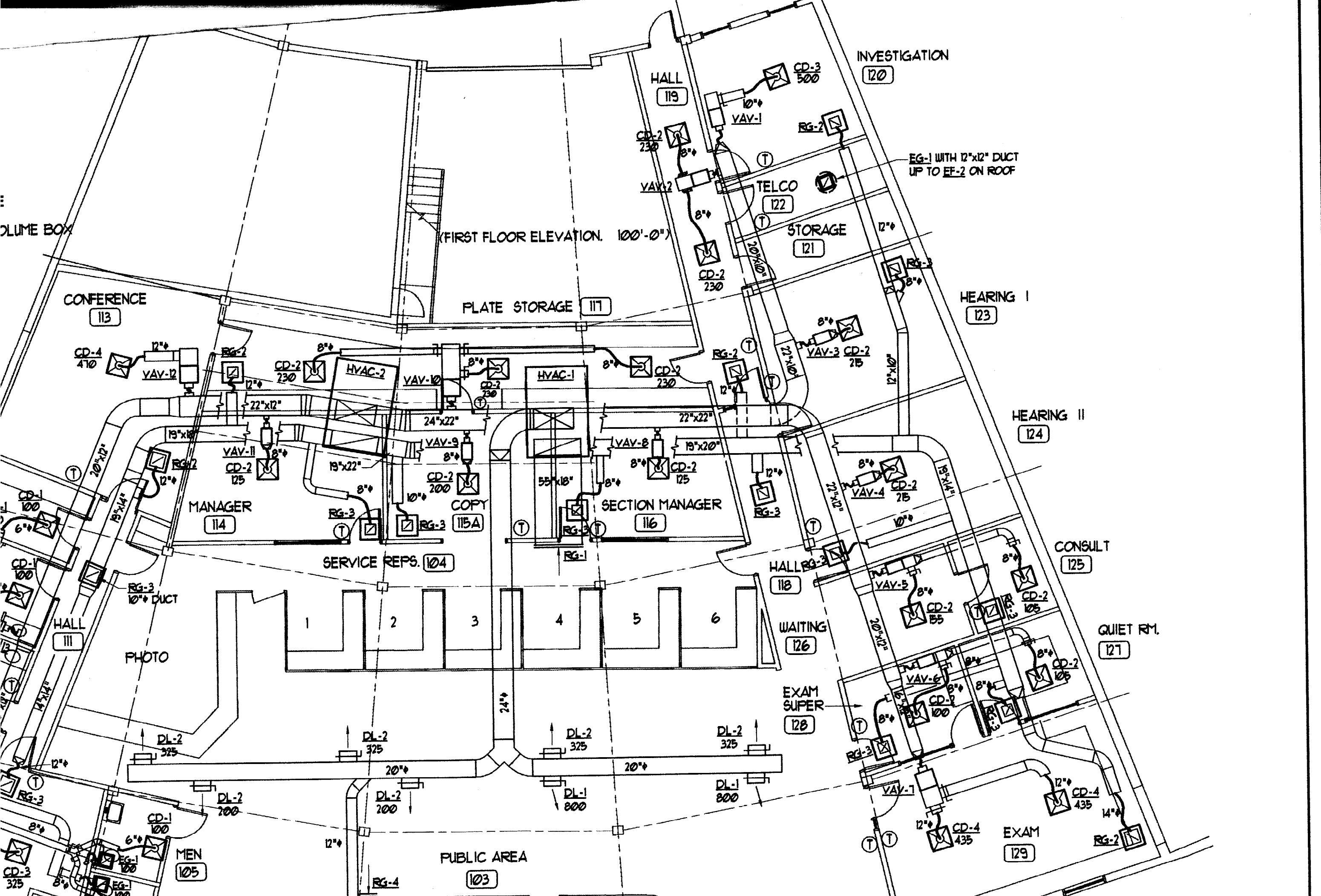


White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy



FOR REVIEW AND COMMENT	
A	FOR CONSTRUCTION

PORTLAND MOTOR

VAC PLAN

TAG	CFM	MIN O.A. CFM	E.S.P. IN Wg	FAN RPM	FILTER SIZES / No.	FAN ELEC		HEATING CAPACITY				
						H.P.	V/Ph/Hz	INPUT	OUTPUT	E. A. T.	TOT CLG	SENS
HVAC-1	4000	600	1.0"	768	(3) 20"x20"x2", (3) 16"x20"x2"	3	480-3-60	250 Mbh	203 Mbh	45°F	132 MBH	89.3
HVAC-2	4000	670	1.0"	768	(3) 20"x20"x2", (3) 16"x20"x2"	3	480-3-60	250 Mbh	203 Mbh	45°F	130 MBH	90.5

NOTE: VENTILATION AIR ON CO₂ CONTROLLERS.

DIFFUSER SCHEDULE

TAG	SIZE	CFM	SP (in Wg)	THROW (feet)	Nc	REMARKS
CD-1	6"φ	120	0.03"	2'-6'	20	PRICE MODEL SCD
CD-2	8"φ	245	0.03"	4'-10'	20	PRICE MODEL SCD
CD-3	10"φ	325	0.03"	4'-10'	23	PRICE MODEL SCD
CD-4	12"φ	470	0.01"	5'-12'	21	PRICE MODEL SCD
DL-1	12"x24"	800	0.08"	28'-40'	29	PRICE MODEL HC DI, 30° DEFLECTION
DL-2	6"x9"	300	0.26"	27'-33'	34	PRICE MODEL HC DI, 0° DEFLECTION
RG-1	55"x20"	4000	0.10	-	29	PRICE MODEL 530, SURFACE FRAME
RG-2	22"x22"	600	0.002	-	15	PRICE MODEL 530, T-BAR FRAME
RG-3	12"x12"	400	0.01	-	18	PRICE MODEL 530, T-BAR FRAME
RG-4	16"x12"	600	0.16	-	29	PRICE MODEL 530, SURFACE FRAME
EG-1	10"x10"	120	0.002	-	20	PRICE MODEL 530, SURFACE FRAME
TG-1	16"x12"	600	0.16	-	29	PRICE MODEL 530, SURFACE FRAME

EXHAUST FAN SCHEDULE

TAG	FLOW CFM	E.S.P. IN Wg	SPEED RPM	NOISE SONES	DRIVE TYPE	ELECTRICAL		REMARKS
						H.P.	V/Ph/Hz	
EF-1	600	0.50	1860	12.5	BELT	1/4	120-1-60	COOK MODEL ACE-B80C3B ROOFTOP CENT'L W/ CURB
EF-2	135	0.38	1550	4.8	DIRECT	1/20	120-1-60	COOK MODEL ACE-D70C15M ROOFTOP CENT'L W/ CURB

VAV BOX SCHEDULE

TAG	COOL'G CFM	CFM MIN	SP. in Wg	Nc	HEAT CFM	OUTPUT KW	ELEC V-Ph-Hz	INLET SIZE	REMARKS
VAV-1	280	170	0.06"	26	500	-	-	8"φ	TRANE MODEL VCCE SIZE 11
VAV-2	215	90	0.03"	35	105	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-3	215	90	0.03"	24	105	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-4	265	90	0.06"	24	215	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-5	205	90	0.03"	26	1,155	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-6	790	270	0.05"	27	870	-	-	10"φ	TRANE MODEL VCCE SIZE 17
VAV-7	170	170	0.06"	27	460	-	-	8"φ	TRANE MODEL VCCE SIZE 11
VAV-8	125	90	0.03"	34	125	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-9	200	90	0.03"	26	125	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-10	330	270	0.03"	34	690	-	-	10"φ	TRANE MODEL VCCE SIZE 17
VAV-11	125	90	0.03"	27	125	-	-	6"φ	TRANE MODEL VCCE SIZE 6
VAV-12	470	270	0.05"	24	270	-	-	10"φ	TRANE MODEL VCCE SIZE 17
VAV-13	300	170	0.05"	24	190	-	-	8"φ	TRANE MODEL VCCE SIZE 11
VAV-14	850	270	0.05"	24	775	-	-	10"φ	TRANE MODEL VCCE SIZE 17
VAV-15	650	90	0.30"	17	650	11.0	480-3-60	6"φ	TRANE MODEL VEPE PAR 0607


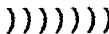
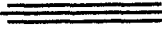

STAINLESS STEEL DRAW BAND

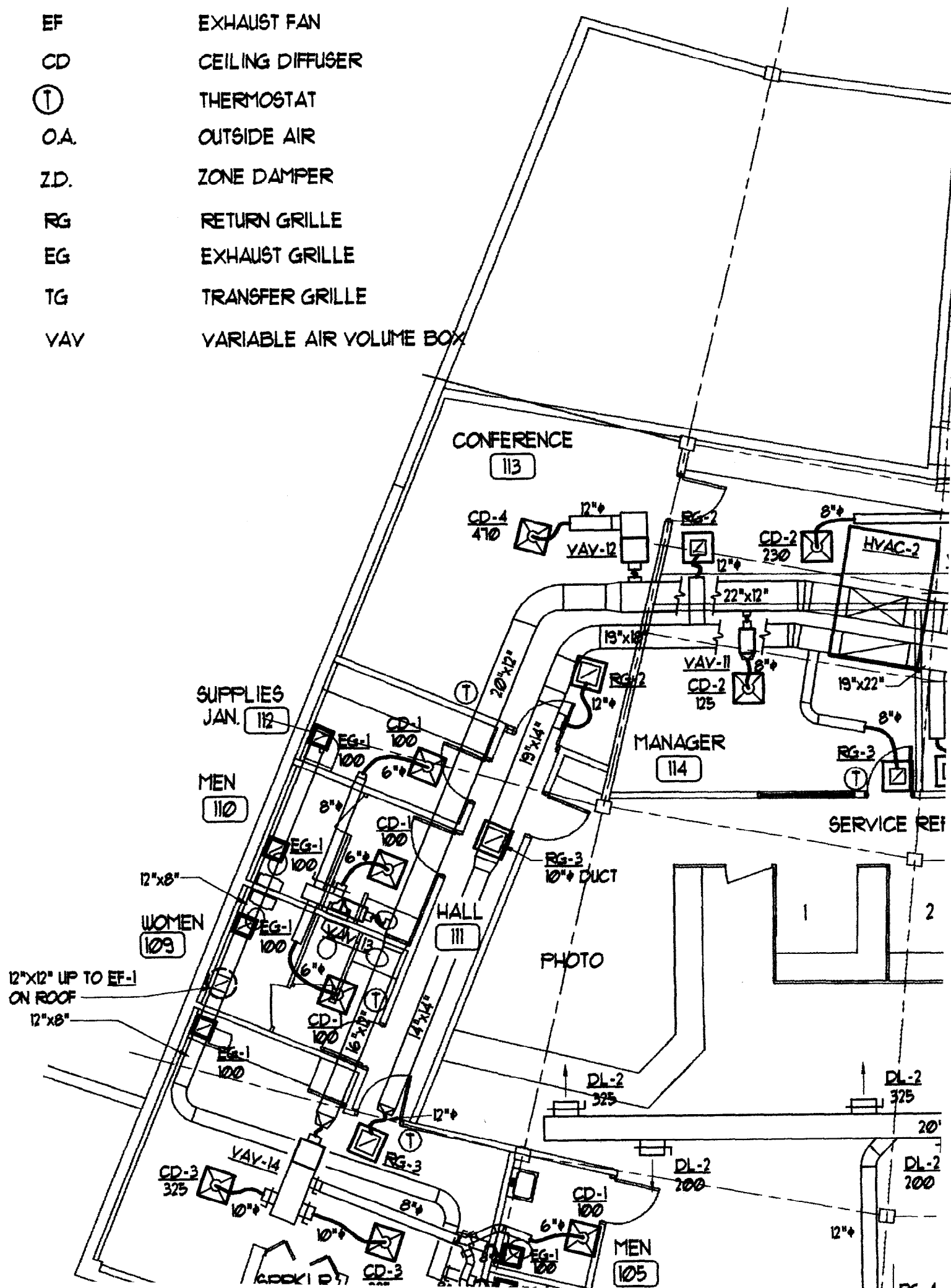
BRANCH DUCT

HVAC UNIT SCHEDULE

COOLING CAPACITY					ELECTRICAL DATA				REMARKS
U. T.	TOT CLG	SENS CLG	E. A. T.	EER	O.A. TEMP	V/Ph/Hz	Min Ckt Amps	MAX OCP	
°F	132 MBH	89.3 MBH	78.6°F DB/ 65.8°F WB	9.6	95 °F	480-3-60	34 AMPS	45 AMPS	TRANE MODEL YCD150D4HCAA RO
°F	130 MBH	90.5 MBH	78.4°F DB/ 65.1°F WB	9.6	95 °F	480-3-60	34 AMPS	45 AMPS	TRANE MODEL YCD150D4HCAA RO

LEGEND

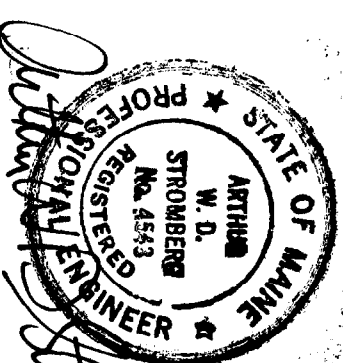
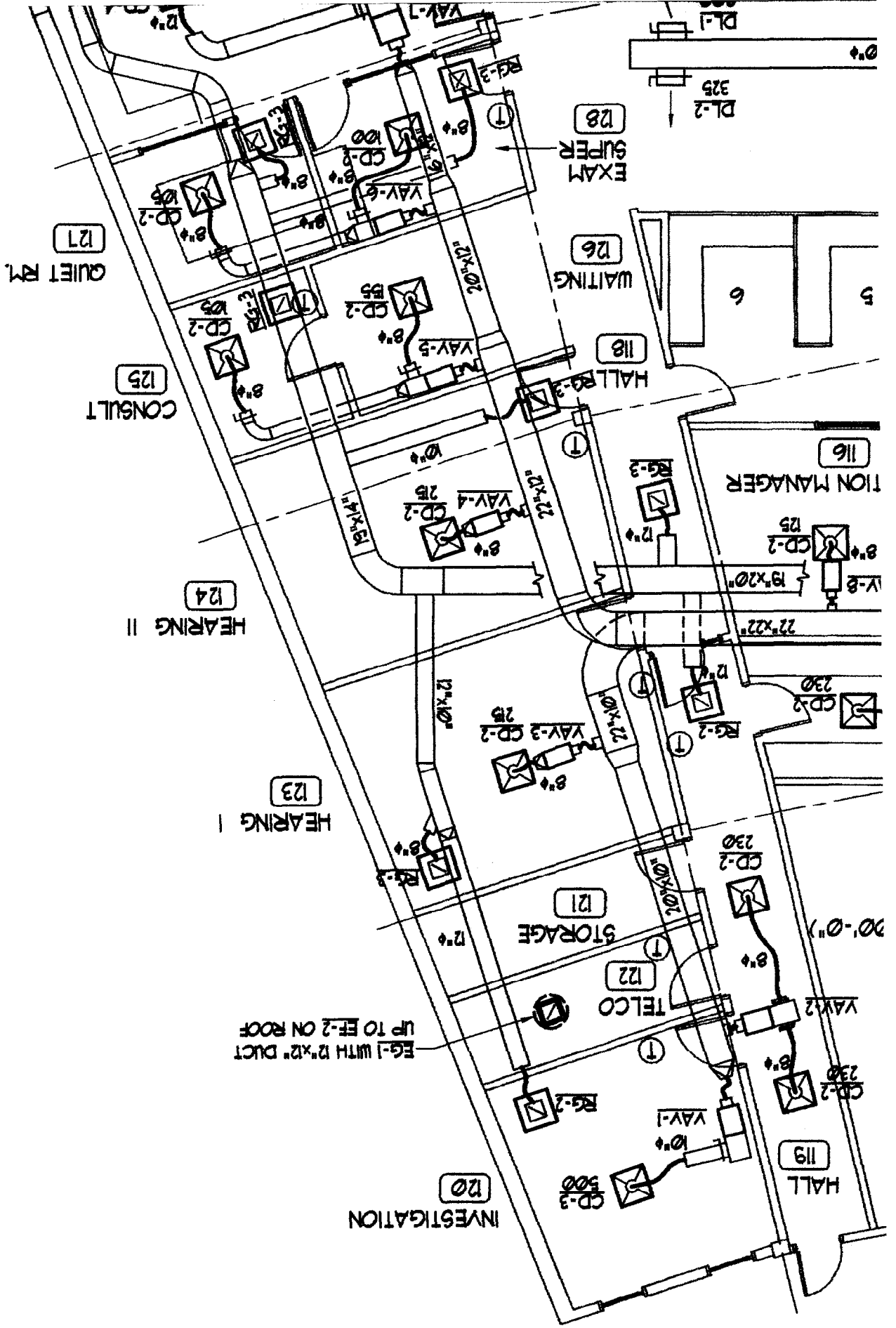
-  DUCTWORK
-  TURNING VANES
-  FLEXIBLE DUCT CONNECTION
-  MANUAL BALANCING DAMPER
- AP. ACCESS PANEL
- MOD MOTOR OPERATED DAMPER
- HVAC HEATING, VENTILATING AND AIR CONDITIONING UNIT
- ER EXHAUST REGISTER
- SR SUPPLY REGISTER
- EF EXHAUST FAN
- CD CEILING DIFFUSER
- Ⓢ THERMOSTAT
- O.A. OUTSIDE AIR
- Z.D. ZONE DAMPER
- RG RETURN GRILLE
- EG EXHAUST GRILLE
- TG TRANSFER GRILLE
- VAV VARIABLE AIR VOLUME BOX



TOP CENT'L W/ CURB
TOP CENT'L W/ CURB

EL VCCE SIZE 11
EL VCCE SIZE 6
EL VCCE SIZE 6
EL VCCE SIZE 6
EL VCCE SIZE 6
EL VCCE SIZE 17
EL VCCE SIZE 11
EL VCCE SIZE 6
EL VCCE SIZE 6
EL VCCE SIZE 17
EL VCCE SIZE 6
EL VCCE SIZE 11
EL VCCE SIZE 17
EL VEPE PAR 0601

W/ECONOMIZER, AND ANTI-RECYCLE TIMER
W/ECONOMIZER, AND ANTI-RECYCLE TIMER



A	FOR REVIEW AND COMMENT	11 MAR 03
B	FOR CONSTRUCTION	10 APR 03
NO.	REVISIONS	DATE

AirTemp

11 WALLACE AVE.
9th FLOOR
PORTLAND, MAINE 04106
207-774-2300
207-874-346

m/e/p ENGINEERING ASSOCIATES

1839 HARPSWELL NECK ROAD
HARPSWELL, MAINE 04079
TEL: 833-2921 FAX: 833-0008

**PORTLAND MOTOR
VEHICLE DIVISION**

PRESUMPCOT STREET
PORTLAND, MAINE

10 APR 03
10 APR 03