

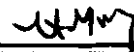

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 04-0166	Issue Date: APR 01 2004	COL: 066 F001001
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Location of Construction: 315 Park Ave	Owner Name: 315 Park Avenue Properties Llc	Owner Address: 30 Milk St 2nd Floor CITY OF PORTLAND	Phone:
Business Name: n/a	Contractor Name: Dan Libby	Contractor Address: 271 Milt Brown Rd. Standish	Phone: 2076424768
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type:	Zone: B2

Past Use: Commercial	Proposed Use: Commercial / Install natural gas direct vent in attic.	Permit Fee: \$183.00	Cost of Work: \$0.00	CEO District: 3
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: S	

Proposed Project Description: Install natural gas direct vent in attic	Signature: 	Signature: 
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: gg	Date Applied For: 02/24/2004	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> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: 3/5/04</p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>
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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 _____



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

PERMIT ISSUED
APR 01 2004
CITY OF PORTLAND

066 F 001

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 315 Park Ave Use of Building Office Date 2-23-04
Name and address of owner of appliance _____

Installer's name and address Dan Libby - Refrigeration - Heating - A.C.
771 Mill Brown Rd Standish, Me. 04084 Telephone 207-642-4768

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: BAKI-LUNG
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 # MS20005654
 Gas # PNT56
 Other _____

Type of Chimney:
 Masonry Lined
Factory built _____
 Metal
Factory Built U.L. Listing # _____
 Direct Vent
Type _____ UL# _____

~~Type of Fuel Tank~~
 Oil
 Gas natural

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 18,000.00

Permit Fee: \$ _____ 183.00

Approved

Approved with Conditions

Fire: Army
Ele.: _____
Bldg.: [Signature]

See attached letter _____
Inspector's Signature _____ Date 2/23/04 Approved

Signature of Installer [Signature]

RECEIVED
FEB 24 2004
CITY OF PORTLAND
DEPARTMENT OF BUILDING INSPECTION

City of Portland, Maine - Building or Use Permit

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

Permit No: 04-0166	Date Applied For: 02/24/2004	CBL: 066 F001001
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Location of Construction: 315 Park Ave	Owner Name: 315 Park Avenue Properties Llc	Owner Address: 30 Milk St 2nd Floor	Phone:
Business Name: n/a	Contractor Name: Dan Libby	Contractor Address: 271 Milt Brown Rd. Standish	Phone: (207) 642-4768
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: HVAC	

Proposed Use: Commercial / Install natural gas direct vent in attic.	Proposed Project Description: Install natural gas direct vent in attic
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 03/05/2004
Note:	Ok to Issue: <input checked="" type="checkbox"/>		

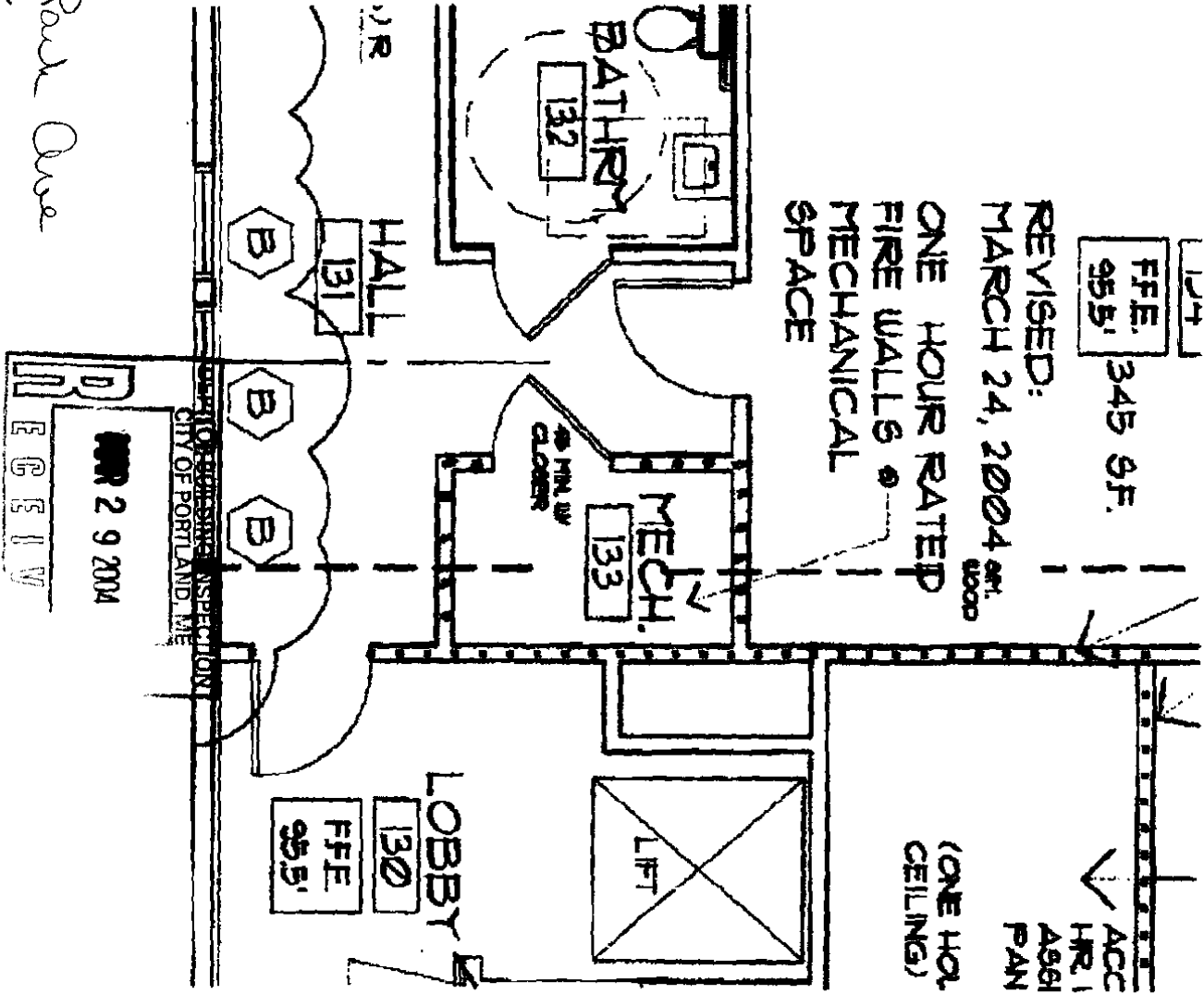
Dept: Building	Status: Approved with Conditions	Reviewer: Mike Nugent	Approval Date: 03/30/2004
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) Fire dampers must be installed in HVAC vents that penetrate Fire Separation Assemblies, Advised Contractor Must comply with State Gas Regs.			

Dept: Fire	Status: Approved with Conditions	Reviewer: Lt. MacDougal	Approval Date: 03/08/2004
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
1) the furnace shall be installed in an one hour rated enclosure or a smoke protected enclosure with a sprinkler system			

Comments:
3/29/2004-gg: recieved structurals as requested. /gg
3/9/2004-mjn: Need:
Structurals, how is it being attached
Fire Damper schedule (plan shows a duct penetration in the egress stairway..)

Mar 24 04 02:50p

64066
315 Park Ave
066 Foo

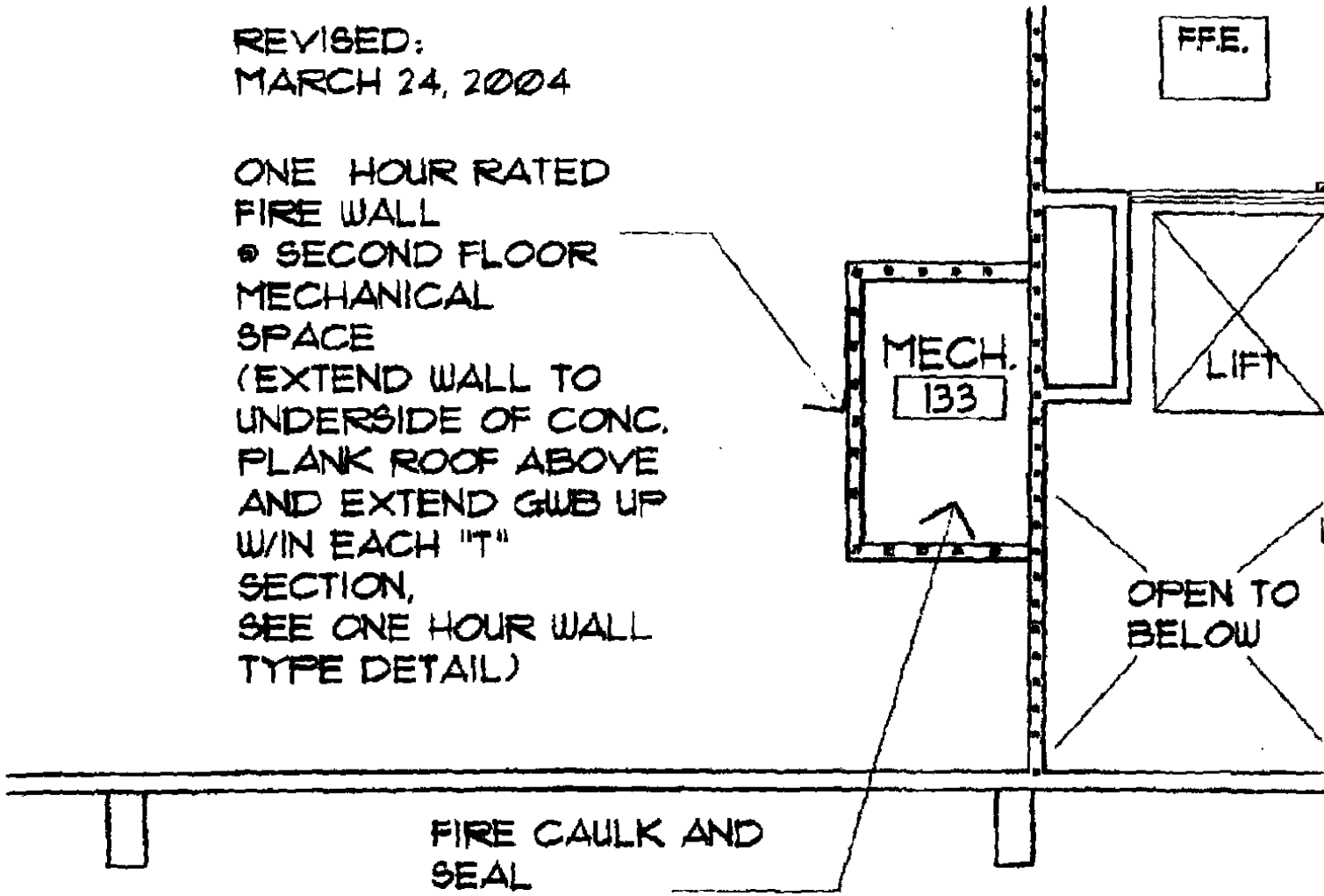


REVISED:
MARCH 24, 2004
ONE HOUR RATED
FIRE WALLS
MECHANICAL
SPACE

2145
PARK & V
FRONT
FACE PAN
YEF-1-1

REVISED:
MARCH 24, 2004

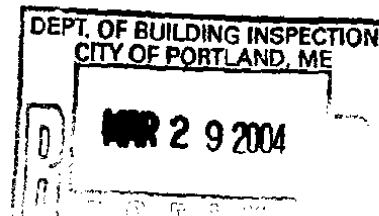
ONE HOUR RATED
FIRE WALL
• SECOND FLOOR
MECHANICAL
SPACE
(EXTEND WALL TO
UNDERSIDE OF CONC.
PLANK ROOF ABOVE
AND EXTEND GUB UP
W/IN EACH "T"
SECTION,
SEE ONE HOUR WALL
TYPE DETAIL)



FIRE CAULK AND
SEAL
ALL PIPE
PENETRATIONS W/ "UL"
ASSEMBLY SLEEVE
(TYP)

315 Park Ave
Second Floor Plan
1/4" = 1'-0"

315 Park Ave



I am installing a wall mounted
natural gas boiler with an air handler
and duct work for the remodel at
315 park Ave.

I will get outside air from the
roof pulled in to the air handler's return
The condensing unit will be on the
roof.

The roof is flat and rubber over
pre-stress concrete

Dan Libby

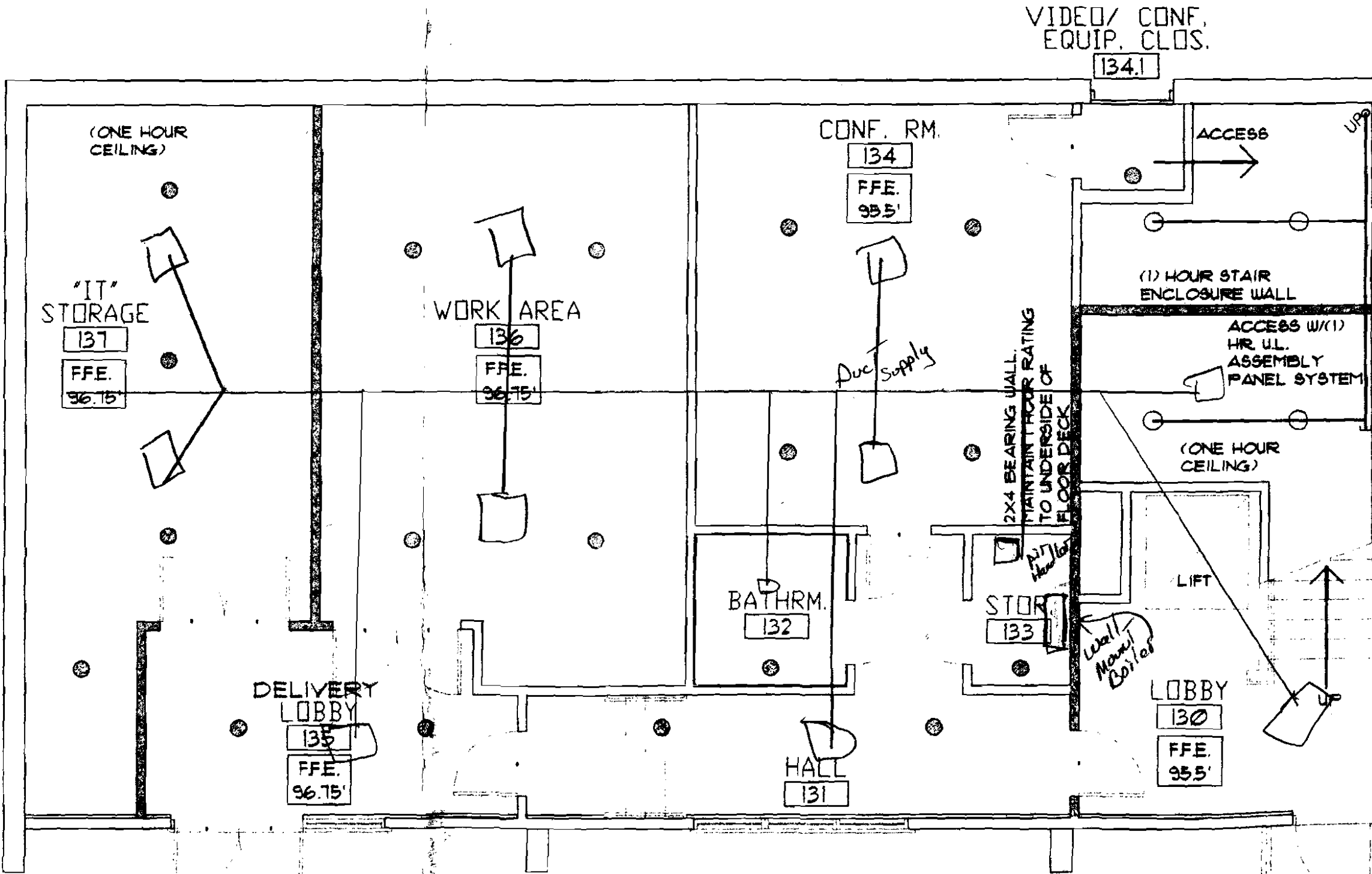
CALC FILE C0401423.Wx3
 HYDRAULIC DATA:

BASIS OF DESIGN (NFPA 13 OH GRP II):
 DENSITY AREA OF COVERAGE
 .20 1500

SPRINKLERS TOTAL ORIFICE TEMP
 20 1/2" 155'

SYSTEM DEMAND AT BASE OF RISER:
 PRESSURE FLOW HOSE
 42.088 504.35 250

OCCUPANCY: STORAGE



BC Series Air Handlers

ADP Evaporator Coils and Air Handlers are manufactured in a 375,000 sq. ft. facility located in Grenada, MS. ADP's state-of-the-art facility offers ISO-9002 certified operations and an ETL approved Research and Development Center. This facility is another example of ADP's commitment to providing consistently high quality products for it's customers.



Common Features

- Florator, bleed or non-bleed A/C or HP expansion valve available factory installed, including R410a. Expansion valves also available as a kit for field installation.
- Filter rack with filter for bottom return - side return rack available for slant coil models.
- All coils are individually pressure tested at 450 psi, then pressurized and sealed.
- Cabinet constructed of pre-painted heavy gauge steel to prevent corrosion. Lined with high quality 1" mat faced insulation.
- All field installed kits come with thorough easy to follow instructions.
- Rifled copper tubing.
- Patented lance fin design.
- Ratings in conformity with ARI Standard 210.
- Drain pans are molded of corrosion proof engineering polymer.
- Available voltages, 120 or 208/240-60-1.
- All Air Handlers are top handling (basiloid) packaged with bar coding and full description on label.
- Cooling fan time delay available as kit or factory installed.
- Easy to follow wiring diagrams on all Air Handlers.
- Dynamically balanced blowers for quiet vibration free operation.
- High efficiency 3 speed motors.
- Available from factory as dedicated upflow or upflow/horizontal. Field installed horizontal drain pan kit is also available.
- Five year warranty on coils and parts. See warranty form for details.

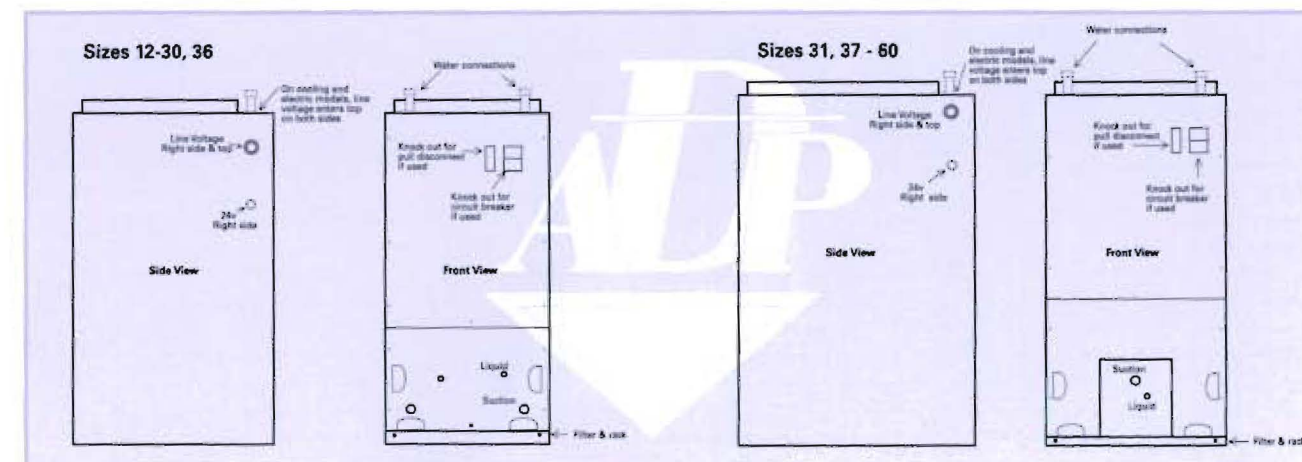


Electric & No Heat Additional Features

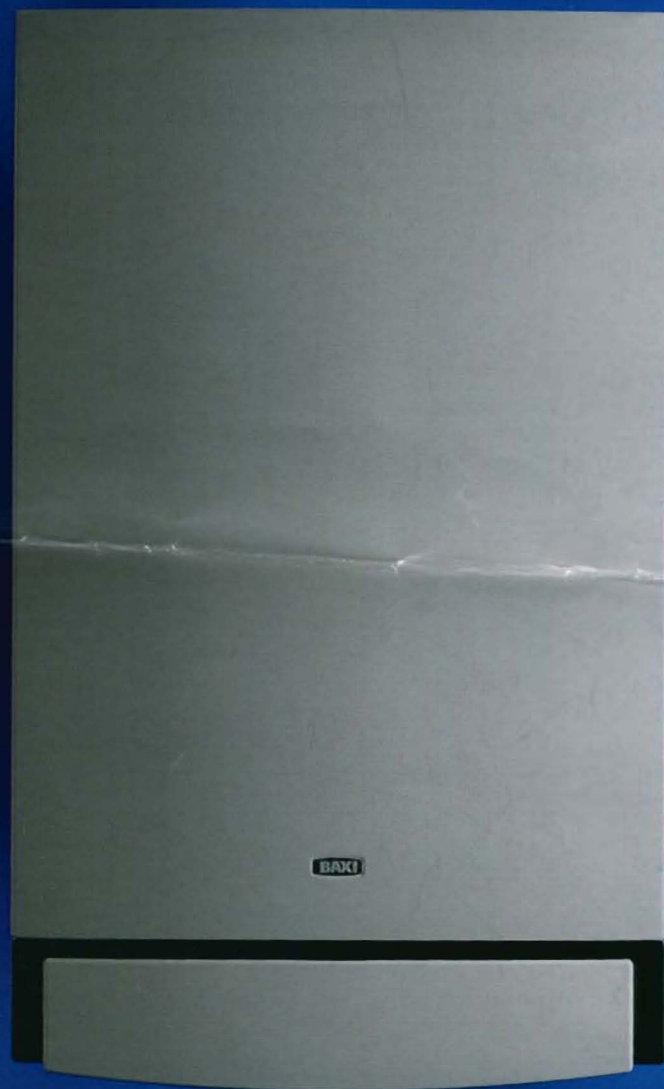
- Electrical connections can be made on top or right side.
- Electric heat available factory installed or in kit for field installation.
- Available voltages, 120 or 208/240-60-1. 208/240-60-1 is only on electric heat models.
- Water coil kits with or without pump can be quickly installed in no heat models.

Water Heat Additional Features

- Water heating coils available factory installed in 2, 3 or 4 row (with or without pump).
- Models include blower door safety switch as standard.
- Installation instructions include popular zone control connections for easy installation.
- Pump timer kit available for domestic water installations.
- Standard heating blower time delay. Allows water coil to warm before starting blower.
- Separate set of contacts on heating relay for external interface with boiler relay, zone valve, etc.
- If necessary, water coil easily slides out for replacement.



BAXI



Luna

Gas-fired wall hung boilers