

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 05-0881	Issued Date: PERMIT ISSUED JUL 14 2005	CD#: 3691 B004001
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Location of Construction: 1 DAVIS FARM RD	Owner Name: DAVISON ROBERT C REVOCAB	Owner Address: 71 WALNUT HILL AVE	Phone: 360-41531
Business Name:	Contractor Name: Mechanical Services, Inc	Contractor Address: 400 Presumpscot St	Phone: 207-774-1531
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: I-M

Past Use: Commercial	Proposed Use: Commercial/ add Trane Condensing unit to roof of building	Permit Fee: \$624.00	Cost of Work: \$66,237.00	CEO District: 5
		FIRE DEPT: NFPA 90A with Conditions <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: HVAC	

Proposed Project Description: add Trane Condensing unit to roof of building	Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i> 7/13/05
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: Jdobson	Date Applied For: 06/28/2005	Zoning Approval	
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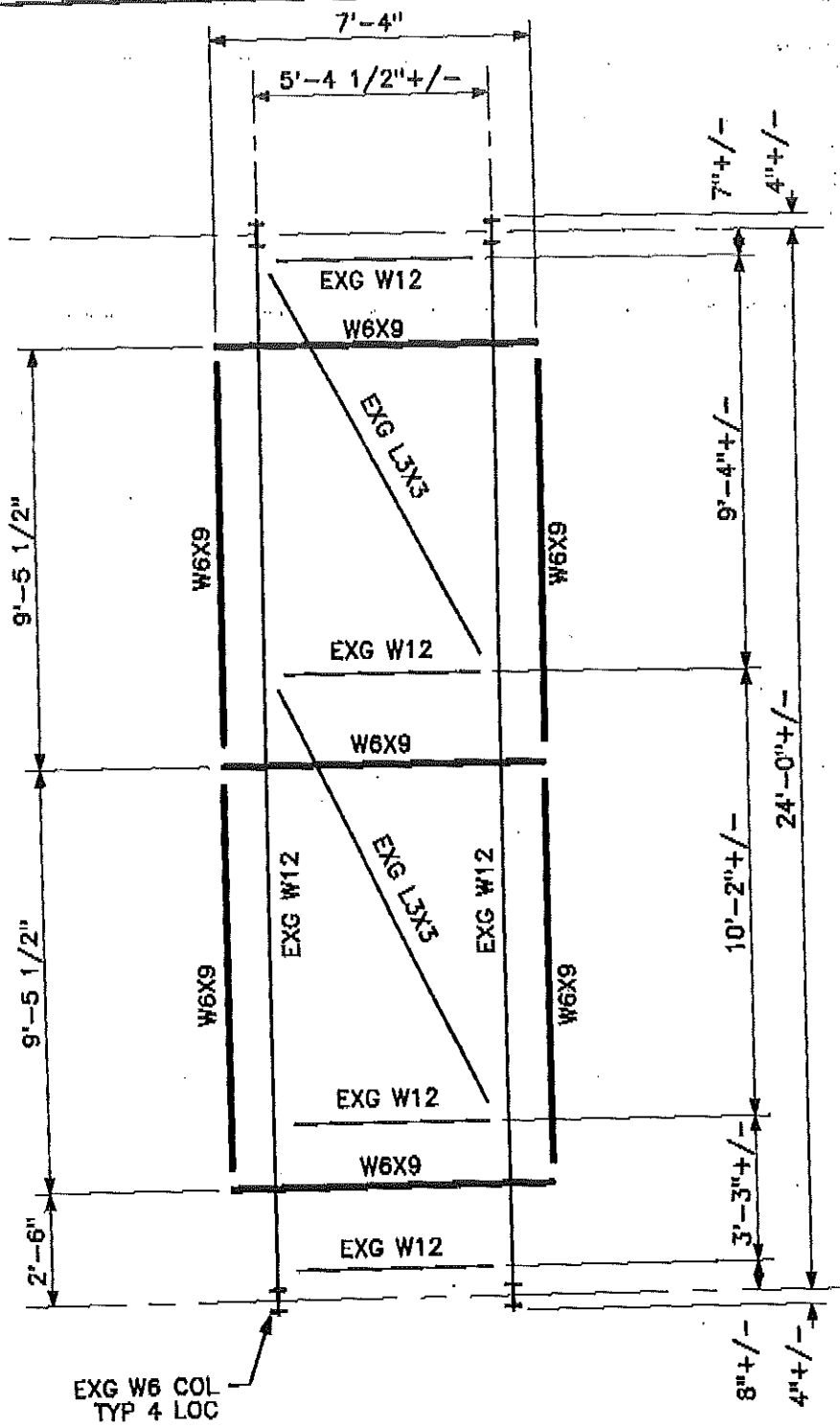
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <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>JMB</i> 7/13/05	Zoning Appeal <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: _____	Historic Preservation <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: <i>JMB</i>
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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

NOTES:
 PLACE NEW W6 BEAMS
 ON TOP OF EXG GRILLAGE
 BEAMS. WELD BOTTOM
 FLANGE OF NEW BEAMS
 TO TOP FLANGE OF
 EXG GRILLAGE BEAMS.
 PROVIDE BOLTED
 CONNECTIONS FOR ALL
 NEW STEEL.



EXG W6 COL
 TYP 4 LOC

GRILLAGE FRAMING PLAN

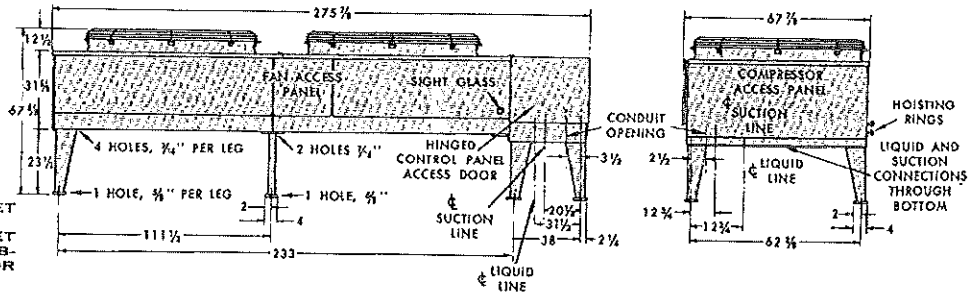


Scale 1/4" = 1'-0"

Architects + Engineers HARRIMAN ASSOCIATES One Aurora Business Park Auburn, Maine 04210 207.784.3100 (M) 207.782.3017 (FAX)	Project Title ONE DAVIS FARM ROAD VERIZON BUILDING PORTLAND, MAINE		Drawing Number S1	
	HA Project No.	05111	Date	06-09-06

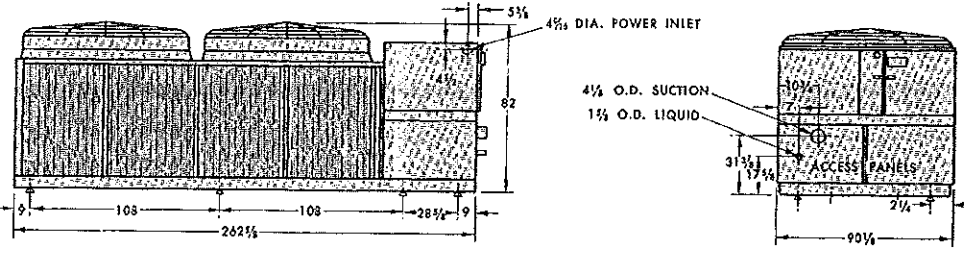
2 Old Units

FIGURE 4—RA 750 and 900 Condensing Units



NOTES:
1. MINIMUM CLEARANCE IS 5 FEET ALL SIDES.
2. MINIMUM CLEARANCE IS 10 FEET BETWEEN UNITS OR WHEN OBSTRUCTIONS EXIST ON TWO OR MORE SIDES.

FIGURE 5—RA 1000 Condensing Unit



NOTES:
1. MINIMUM CLEARANCE IS 8 FEET ALL SIDES.
2. MINIMUM CLEARANCE IS 16 FEET BETWEEN UNITS OR WHEN OBSTRUCTIONS EXIST ON TWO OR MORE SIDES.

FIGURE 6—Leg Weight Loading for Condensing Units

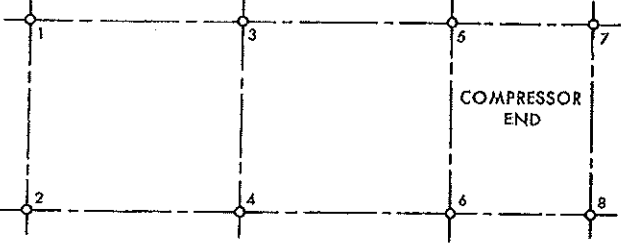


TABLE 16—Mounting Leg Loading Data

MODEL	NO. OF COMP.	WEIGHT CONCENTRATED ON LEG								OPERATING WEIGHT
		1	2	3	4	5	6	7	8	
RAUA 200-M	1	142	142	176	176	210	210	230	230	1,516
RAUA 250-M	1	172	172	214	214	258	258	279	279	1,846
RAUA 300-M	1	178	178	225	225	271	271	293	293	1,934
RAUA 400-F	1	261	261	346	346	432	432	477	477	3,032
RAUA 500-E	1	352	352	466	466	582	582	638	638	4,076
RAUA 600-E	1	392	392	511	511	629	629	689	689	4,442
RAUA 400-M	2	274	274	365	365	455	455	502	502	3,192
RAUA 500-M	2	314	314	417	417	521	521	571	571	3,646
RAUA 600-M	2	346	346	450	450	554	554	606	606	3,912
RA 750-E	1	388	388	562	562	752	752	804	804	5,012
RA 900-E	1	408	408	590	590	790	790	843	843	5,262
RA 1000-E	1	660	660	795	795	970	970	970	970	6,800

FIGURE 7—BRCA 200-500 Fan Coil Units

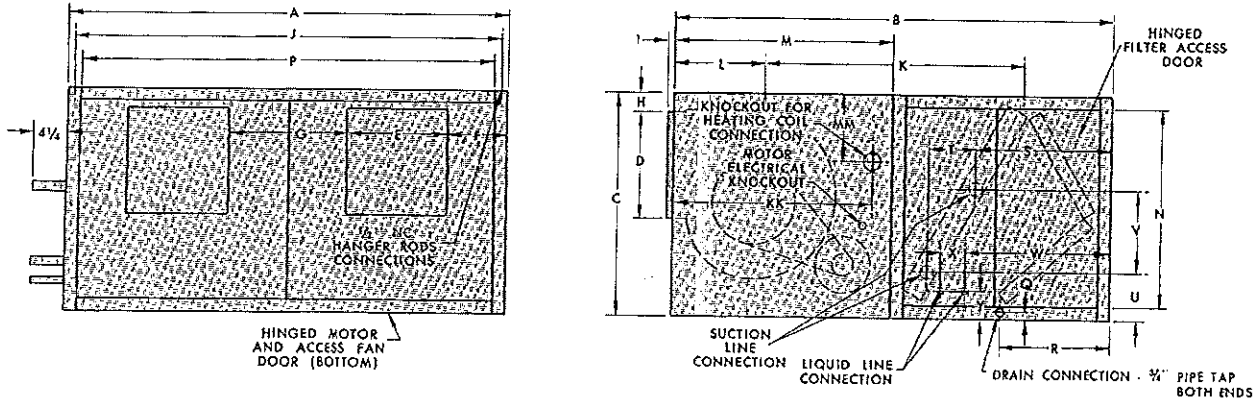


TABLE 17—BRCA 200-500 Blower Coil Dimensions

MODEL	WID. DEP. HGT.			AIR SUPPLY				MOUNTING				AIR RETURN		DRAIN CONN.		SUCTION CONN.				LIQUID CONN.				HEATING COIL SUPPLY		NET WT. LBS.		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y		Z	KR
BRCA 200	80	80	40	15 1/4	18 1/8	10 7/8	22	3 1/4	77 3/4	40	20	40	35 1/2	75 1/2	1 1/2	20	1 1/2	24 3/8	9	8 1/4	15 3/8	7 1/2	26 1/2	4 1/2	5	35 1/2	12	1100
BRCA 250	96	80	40	16 3/4	20 1/4	12	31 1/2	3 3/4	93 3/4	40	20	40	35 1/2	91 1/2	1 1/2	20	1 1/2	25 1/2	9	6	15 3/4	7 1/2	24 1/2	4 1/2	7 1/4	35 1/2	12	1300
BRCA 300	112	80	40	19	22 1/4	18 1/4	31 3/4	3 3/4	109 3/4	40	20	40	35 1/2	107 1/2	1 1/2	20	1 1/2	25 1/4	9	6	15 1/2	7 1/2	24 1/2	4 1/2	7 1/4	35 1/2	12	1500
BRCA 400	112	104	52	20 3/8	24 1/4	17 1/8	29 1/8	3 3/4	109 1/2	52	28	52	47	107	1 1/2	28	2 1/4	34 1/4	12	6 1/4	20 1/2	1 1/2	29 3/8	4 1/2	8 3/4	46 1/2	14 1/2	1800
BRCA 500	112	116	58	24 3/8	30	10	32	3 3/4	109 1/2	58	29	58	53	107	1 1/2	29	2 1/4	38 1/4	13 1/2	7 3/8	23 3/8	1 1/2	33 3/4	4 1/2	8 3/4	52 1/2	17 1/2	2000

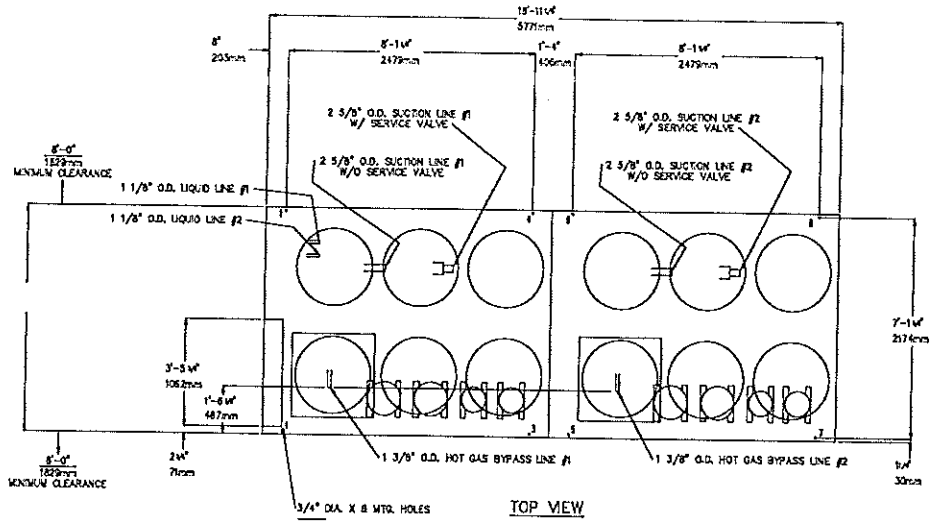


1 New Unit

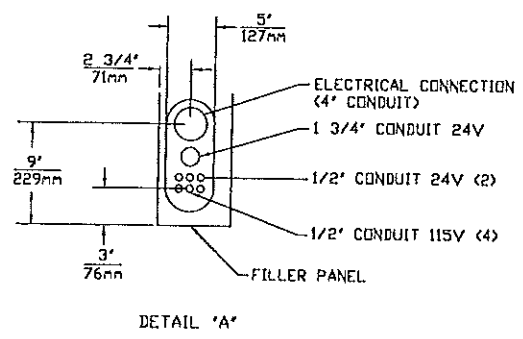
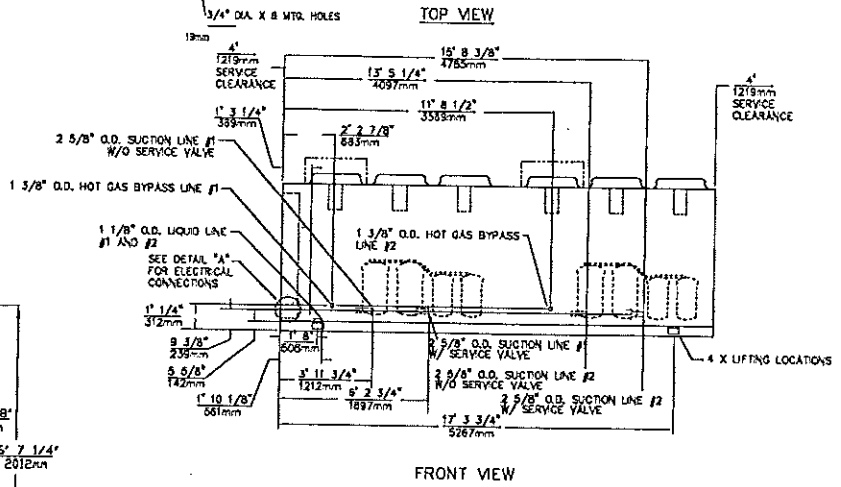
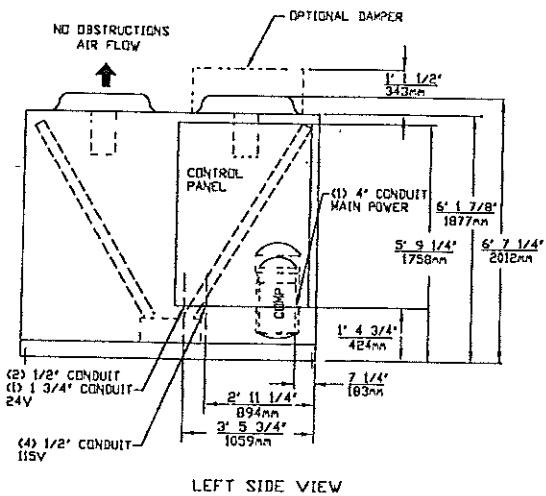
Dimensional Data

100 Ton Condensing Unit

Figure DD-8 - Air-Cooled Condensing Unit - RAUC 100 Ton



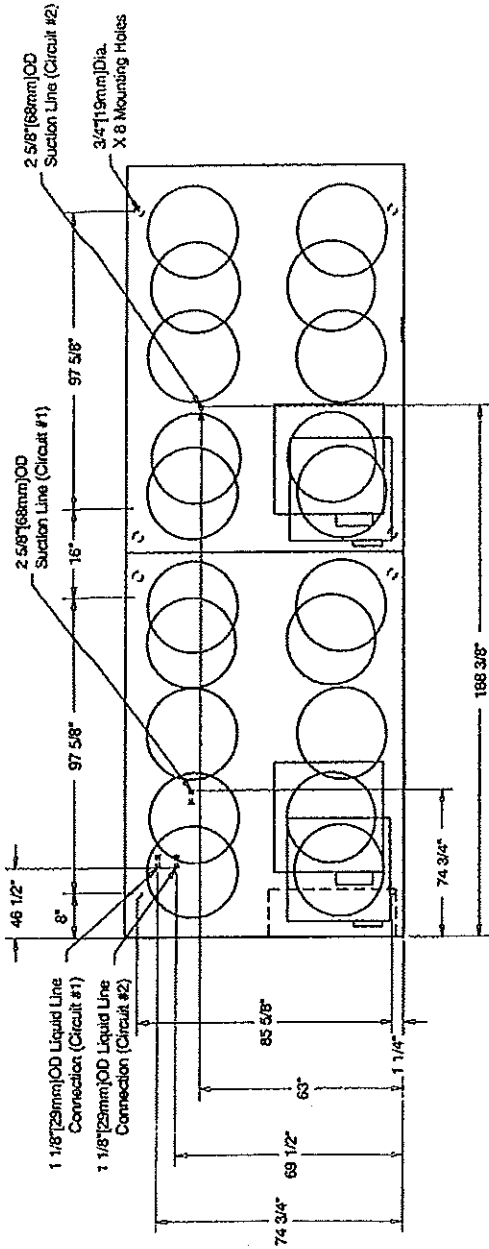
- NOTES:
- Hot gas bypass, suction and liquid line connection locations shown in the front view do not represent holes in the unit panel. Access to these connections are provided by the customers.
 - Dimensional tolerance is $\pm 1/8"$.



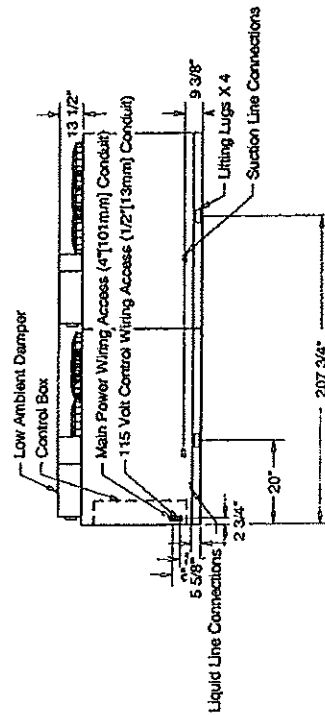
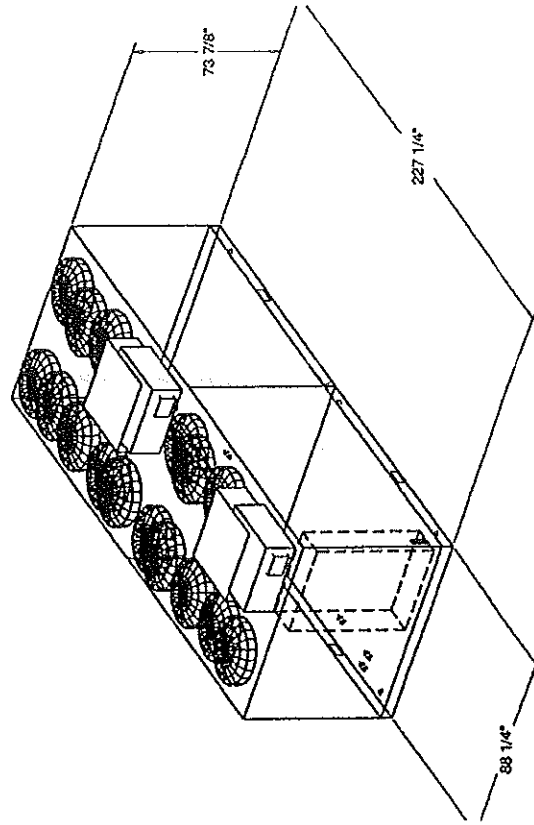
100 TON RAUC		
WEIGHT	ALUMINUM FINS	COPPER FINS
SHIPPING	6360 lbs. 2885 kg	7160 lbs. 3248 kg
OPERATING	6472 lbs. 2936 kg	7272 lbs. 3299 kg

Unit Dimensions - Air-Cooled Condensing Units (Industrial)

Item: A1 Qty: 1

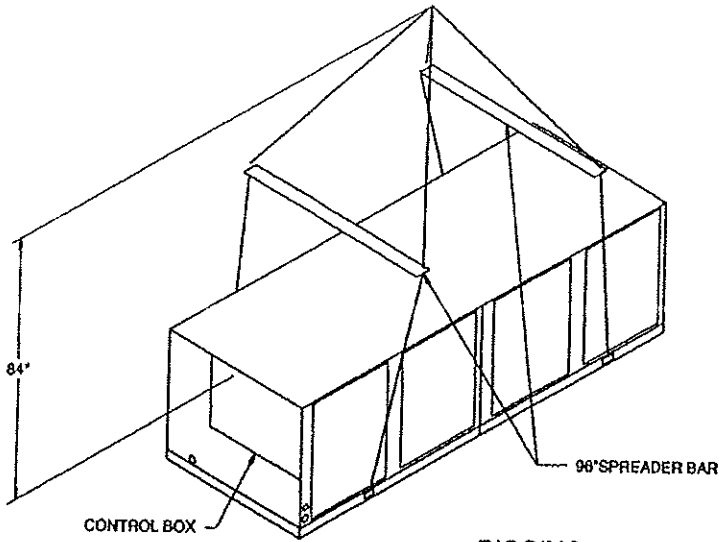


TOP VIEW



FRONT VIEW

Weight, Clearance & Rigging Diagram - Air-Cooled Condensing Units (Industrial)
 Item: A1 Qty: 1



WARNING!!!

TO PREVENT INJURY OR DEATH AND POSSIBLE EQUIPMENT DAMAGE, DO NOT USE CHAIN (CABLES) OR SLINGS EXCEPT AS SHOWN AND USE CABLES STRONG ENOUGH TO SUPPORT UNIT WEIGHT. TEST LIFT UNIT TO ENSURE PROPER BALANCE AND RIGGING.

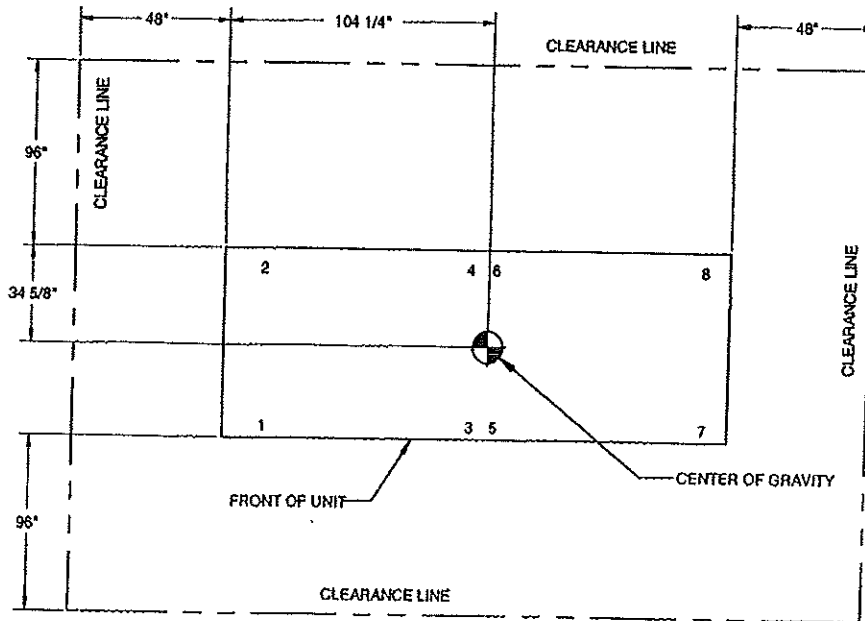
RIGGING

CENTER OF GRAVID AND UNIT WEIGHTS SCHEDULE

SHIPPING	6360.0 lb	OPERATING WEIGHT WEIGHT DISTRIBUTION AT MOUNTING POINTS							
		1	2	3	4	5	6	7	8
TOTAL OPERATING	6472.0 lb	1010.0 lb	656.0 lb	983.0 lb	639.0 lb	979.0 lb	636.0 lb	961.0 lb	618.0 lb

NOTES:

1. OPERATING WEIGHT INCLUDES REFRIGERANT, OIL AND WATER.
2. SHIPPING WEIGHT INCLUDES REFRIGERANT AND OIL CHARGES.
3. IF THE UNIT IS INSTALLED IN A WELL, THE DEPTH OF THE WELL MUST NOT EXCEED THE HEIGHT OF THE UNIT. THE TOP OF THE UNIT MUST HAVE UNRESTRICTED AIRFLOW.



CENTER OF GRAVID AND CLEARANCES

City of Portland, Maine - Building or Use Permit

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

Permit No: 05-0881	Date Applied For: 06/28/2005	CBL: 369 B004001
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Location of Construction: 1 DAVIS FARM RD	Owner Name: DAVISON ROBERT C REVOCAB	Owner Address: 71 WALNUT HILL AVE	Phone:
Business Name:	Contractor Name: Mechanical Services, Inc	Contractor Address: 400 Presumpscot St Portland	Phone (207) 774-1531
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Commercial/ add Trane Condensing unit to roof of building	Proposed Project Description: add Trane Condensing unit to roof of building
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Dept: Zoning	Status: Approved	Reviewer: Jeanine Bourke	Approval Date: 07/13/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>

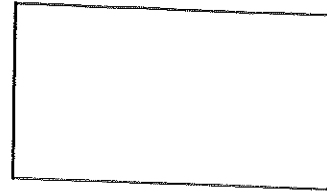
Dept: Building	Status: Approved	Reviewer: Jeanine Bourke	Approval Date: 07/12/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>

Dept: Fire	Status: Approved with Conditions	Reviewer: Cptn Greg Cass	Approval Date: 07/05/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Installation to comply with NFPA 90A			



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



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 1 Davis Farm Road 369 B Y Use of Building Commercial Date 6/28/05
 Name and address of owner of appliance Robert C. Davison Trust, Mr. Richard Thorne
95 Market Street Manchester New Hampshire 03101
 Installer's name and address Mechanical Services, Inc. 400 Presumpscot Street
Portland Maine 04103 Telephone 774-1531

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Trane - Condensing Unit

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 # _____
- Other Universal Refrigerant
2624/31100625

Type of Chimney:

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

Type of Fuel Tank

- Oil
- Gas

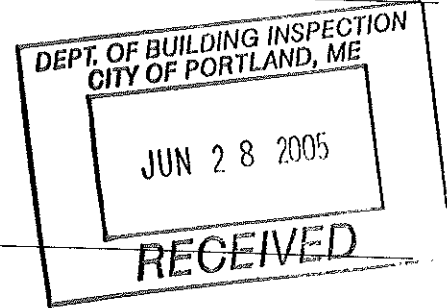
Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$66,237.00

Permit Fee: \$ 624.00



Approved

Fire: _____
 Ele.: _____
 Bldg.: JMB

Approved with Conditions

- See attached letter or requirement

Signature of Installer Francis H. Wheeler, Mechanical Services, Inc.

Inspector's Signature _____

Date Approved _____

ELECTRICAL PERMIT

City of Portland, Me.



JOB# 5168

To the Chief Electrical Inspector, Portland Maine:
 The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the City of Portland Electrical Ordinance, National Electrical Code and the following specifications:

Date 7.15.05
 Permit # 2005-4674
 CBL# 369 B4

LOCATION: VERIZON / 1 DAVIS FARM RD. METER MAKE & # _____
 CMP ACCOUNT # _____ OWNER _____
 TENANT VERIZON PHONE # _____

					TOTAL EACH FEE			
OUTLETS	/	Receptacles	/	Switches	Smoke Detector	.20	.40	
FIXTURES	2	Incandescent		Fluorescent	Strips	.20	.40	
SERVICES		Overhead		Underground	TTL AMPS <800	15.00		
		Overhead		Underground	800	25.00		
Temporary Service		Overhead		Underground	TTL AMPS	25.00		
						25.00		
METERS		(number of)				1.00		
MOTORS		(number of)				2.00		
RESID/COM		Electric units				1.00		
HEATING		oil/gas units		Interior	Exterior	5.00		
APPLIANCES		Ranges		Cook Tops	Wall Ovens	2.00		
		Insta-Hot		Water heaters	Fans	2.00		
		Dryers		Disposals	Dishwasher	2.00		
		Compactors		Spa	Washing Machine	2.00		
		Others (denote)				2.00		
	MISC. (number of)		Air Cond/win				3.00	
			Air Cond/cent			Pools	10.00	
		/	HVAC		EMS	Thermostat	5.00	5.00
			Signs				10.00	
			Alarms/res				5.00	
		Alarms/com				5.00		
		Heavy Duty(CRKT)				2.00		
		Circus/Carnv				25.00		
		Alterations				5.00		
		Fire Repairs				15.00		
		E Lights				1.00		
		E Generators				20.00		
PANELS		Service		Remote	Main	4.00		
TRANSFORMER		0-25 Kva				5.00		
		25-200 Kva				8.00		
		Over 200 Kva				10.00		
					TOTAL AMOUNT DUE			
					MINIMUM FEE/COMMERCIAL 45.00	35.00	45.00	

RECEIVED

JUL 15 2005

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

RECEIVED

CONTRACTORS NAME EASTERN ELECTRICAL CORP MASTER LIC. # MC00011182
 ADDRESS 20 BEDFORD ST. PORTLAND, ME 04101 LIMITED LIC. # _____
 TELEPHONE 772-67102

SIGNATURE OF CONTRACTOR [Signature]
 White Copy - Office • Yellow Copy - Applicant

[Signature] 25070



CITY OF PORTLAND, MAINE
 Department of Building Inspections

6.25
 20 05

Received from

Mediacell Services -

Location of Work

1 Deo's Tower Rd

Cost of Construction \$

Permit Fee \$

629.00
 629.00

Building (11) _____

Plumbing (15) _____

Electrical (12) _____

Site Plan (12) _____

Other _____

CBI: _____

369 B4

Check #: _____

3203

Total Collected \$

629.00

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. **PRESERVE THIS RECEIPT.** In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy
 YELLOW - Office Copy
 PINK - Permit Copy