

City of Portland, Maine - Building or Use Permit Application

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

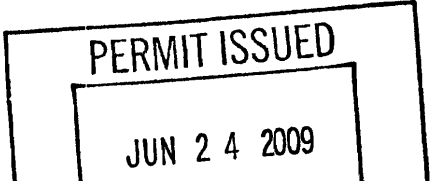
Permit No: 09-0649	Issue Date:	CBL: 037 F022001
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Location of Construction: 477 CONGRESS ST	Owner Name: 477 TIME & TEMPERATURE LL	Owner Address: 101 RICHARDSON ST	Phone:
Business Name:	Contractor Name: Patriot Mechanical LLC	Contractor Address: 30 South Street Gorham	Phone 2088399500
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: B-3

Past Use: Commercial - Time & Temp Building Tower A	Proposed Use: Commercial - Time & Temp Building Tower A - Replace existing cooling tower w/ a Marley cooling tower	Permit Fee: \$420.00	Cost of Work: \$39,460.00	CEO District: 1
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: <i>MM</i> DML-2003 Signature: <i>JWB 6/22/09</i>	

Proposed Project Description: Replace existing cooling tower w/ a Marley cooling tower	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: Ldobson	Date Applied For: 06/22/2009	Zoning Approval
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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"/> <i>ok with conditions</i> Date: <i>6/22/09</i>	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 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:
			

CERTIFICATION

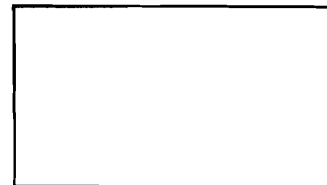
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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



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 497 CONGRESS ST. Use of Building Commercial Date 6/19/09

Name and address of owner of appliance Kalman Dolgin Associates

Installer's name and address Patriot Mechanical P.O. Box 747 Gorham, ME
Cell 939-8356 Telephone 839-9500

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: MARLEY COOLING TOWER

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 # EPN JY1000911
- Gas # PNT 2353
- Other RSES # ID109403111

Type of Chimney:

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

Type of Fuel Tank

- Oil
- Gas

JUN 23 2009

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 39,460.56

Permit Fee: \$ _____

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer Paul M. Bailley

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

City of Portland, Maine - Building or Use Permit

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Permit No: 09-0649	Date Applied For: 06/22/2009	CBL: 037 F022001
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Location of Construction: 477 CONGRESS ST	Owner Name: 477 TIME & TEMPERATURE LL	Owner Address: 101 RICHARDSON ST	Phone:
Business Name:	Contractor Name: Patriot Mechanical LLC	Contractor Address: 30 South Street Gorham	Phone (208) 839-9500
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Commercial - Time & Temp Building Tower A - Replace existing cooling tower w/ a Marley cooling tower	Proposed Project Description: Replace existing cooling tower w/ a Marley cooling tower
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Dept: Zoning	Status: Approved with Conditions	Reviewer: Marge Schmuckal	Approval Date: 06/22/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) The City has very strict maximum noise guidelines that we enforce. Please be aware that the new cooling tower shall not create a noise nuisance that violates the current maximum permitted decibel allowance.			
2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.			
Dept: Building	Status: Approved with Conditions	Reviewer: Jeanine Bourke	Approval Date: 06/22/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.			
2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules			

Comments: 6/22/2009-mes: per Lannie, the existing cooling tower support is collapsing.
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R J Forbes Company Inc

PO Box 209
 DANVERS, MA 01923-0309
 978 777 1220
 email: rjforbes@comcast.net

Proposal to:
 Patriot Mechanical

Project:
 477 Congress Street
 PORTLAND, ME

Engineer:
 Scott

Opportunity / Quote No. (Ver): ROBERT FORBES_080421_080225652 / ROBERT FORBES_090408_125446313 (1)
 Rep Quote No

April 8, 2009

Marley MD Series

TOWER MODEL	PERFORMANCE CONDITIONS	MOTOR DATA	TOWER DIMENSIONS	WEIGHTS
Quantity of (1) Marley MD model MD5008NLC 1LCAF factory assembled 1-Cell induced draft counterflow cooling tower	Per 1-cell tower: 600.0 GPM 95.0 F Hot Water 85.0 F Cold Water 76.303 F Entering WB	10 HP 1 speed / 1 wind 3 phase / 60 Hz / 200v 1.15sf / TEFC 1200 RPM Premium Efficiency	Each cell: (without options) Length: 8' - 11 1/2" Width: 8' - 5 1/2" Height: 11' - 3 3/8"	Per cell Shipping: 4,017 lb. Operating: 6,992 lb. Per 1-cell tower Shipping: 4,017 lb. Operating: 6,992 lb.

Quantities shown below are per tower.

Base Tower Construction/Equipment:

- Galvanized steel casing and framing with Series 300 stainless steel collection basin.
- SPX designed belt drive.
- 15 mil PVC modular film fill, 2ft depth.
- Triple-pass 17 mil PVC drift eliminators designed and manufactured by SPX.
- Drift rate guaranteed to be no greater than .001% of the design flow rate.
- CTI certification per STD-201.

Collection Basin Connections and Accessories:

- (1) 8 inch pumped flow side suction outlet(s)
- (1) 3 inch diameter drain with separate 3 inch diameter overflow in each cell.
- 2 inch water make-up float valve.

Distribution System and Accessories:

- (1) 8 inch inlet connection on Face A per cell.
- Galvanized steel header box and PVC branch arms with polypropylene spray nozzles with integral screw connection for easy removal.

Maintenance & Maintenance Access Features:

- Removable louvers for access to collector basin.
- Large removable access panel adjacent to the motor and bearings.

Control Systems:

- (1) field installed control panel per cell
- ABB VFD ACH550 NEMA 1
- VFD startup expenses included (no vibration test)

Field Installed Equipment:

The field installed portion of the equipment will require approximately 17.0 man-hours of installation time after the tower arrives at the jobsite (based on USA experienced crew). The price to install these components is NOT included in the total price.

Total Sell Price (US Dollar) \$ 28,800.00
 (Freight included. Installation labor not included. Taxes not included.)

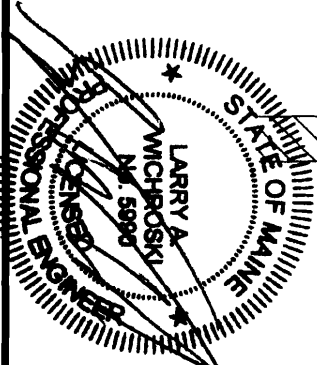
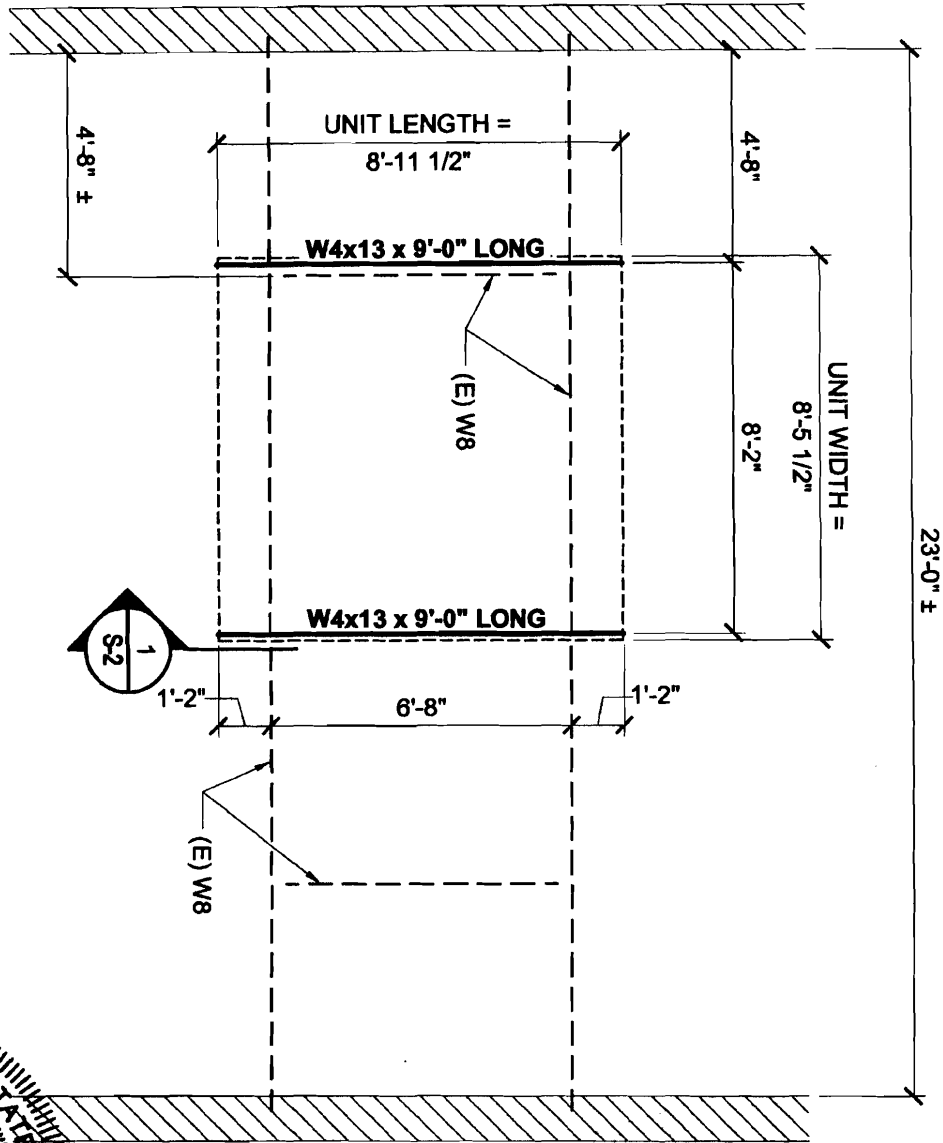
Labor Warranty, 18 months, FAP Galvanized Steel Tower \$ 1,400.85

Payment Terms: NET 30 days from date of shipment (subject to credit approval)

Freight Terms: F.O.B. SPX plant(s) Olathe, Kansas, USA with freight prepaid

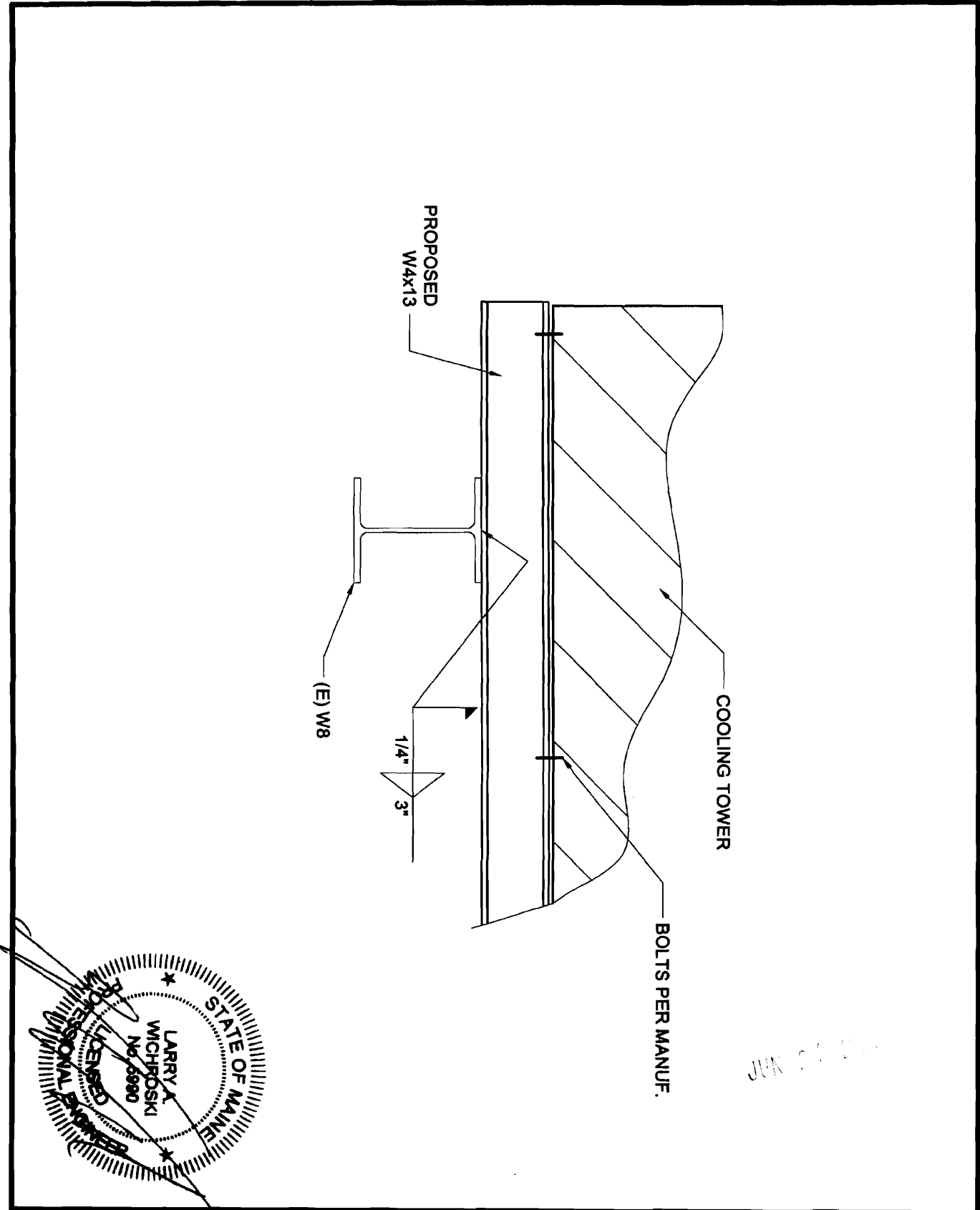
Shipment Lead-Time After Drawing Approval: 40 business days

NOTE: UNIT = MARLEY MDS008
 COOLING TOWER, MAX. WT. = 7,000#





JUN 22 2009

S-1	ROOF FRAMING PLAN		Allied Engineering Structural Mechanical Electrical Commissioning 160 Veranda Street Portland, Maine 04103 T: 207.221.2268 F: 207.221.2266 Web: www.allied-eng.com
	COOLING TOWER REPLACEMENT 477 CONGRESS ST, PORTLAND, ME		
	Scale: 1/4" = 1'-0"	Project No: 09056	
	Date: 06-18-2009	CAD File: 09056S.dwg	



JUN 24 2009

S-2	DETAIL - 1 REFER TO SHEET S-1		 Allied Engineering Structural Mechanical Electrical Commissioning 	160 Veranda Street Portland, Maine 04103 T: 207.224.2260 F: 207.224.2266 Web: www.allied-eng.com
	COOLING TOWER REPLACEMENT 477 CONGRESS ST, PORTLAND, ME			
	Scale: 1-1/2" = 1'-0"	Project No: 09056		
	Date: 06-18-2009	CAD File: 09056S.dwg		