

# ELECTRICAL PERMIT

## City of Portland, Me.



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 Oct 5 05Permit # 05 4928CBL# 327 AA 001

LOCATION: DNE Industrial way METER MAKE & # \_\_\_\_\_  
CMP ACCOUNT # \_\_\_\_\_ OWNER C/O Bibeau + Co  
TENANT \_\_\_\_\_ PHONE # 772-5161

				TOTAL	EACH FEE
OUTLETS	Receptacles	Switches	Smoke Detector		.20
FIXTURES	Incandescent	Fluorescent	Strips		.20
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
	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		MINIMUM FEE	35.00	

DEPT. OF BUILDING INSPECTION  
CITY OF PORTLAND, ME

OCT - 5 2005

RECEIVED

CONTRACTORS NAME Keelley Electric MASTER LIC. # 04176  
ADDRESS 1039 Riverside ST. PORT LIMITED LIC. # \_\_\_\_\_  
TELEPHONE 797-3772

SIGNATURE OF CONTRACTOR

*Keelley Electric*

White Copy - Office • Yellow Copy - Applicant



1 Industrial Way 327A A 001  
 Entire Building

Manager & Anthony D. Bi Beau 772-5161

#1 Professional Catering 878-5511	#3 Main Beer Co.	#5 Auto Repair 899-4924	#7 Summit Envir- Metal Geo. Eng IN Services	#9 W.W. AMSON USA. Co. Inc Pro Team Sports	#11 Car Inspections -Euro. specialist 221-3533
#2 Rising Tide Beer Co	#4 Papi Romano Bulker	#6 P. Romano Builder	#8 ELMcrator Torrillg Chips	#10 Stanley Steamer Carpenter Cleaner	#12 - Answering Service \$ padding for Address Twink

#10 Current C.O 15 per Food manufacturing

#3 I Applying For C.O.



327A A1

# LETTER OF CERTIFICATION

Date: 10/13/2003

Time: 11:25 AM

Page: 1 of 2

Contact: Bill Rudman  
Name: PATCO CONSTRUCTION  
Address: 1293 MAIN ST

Project: Thirsty Turf  
Builder PO #: 2659 [Thirsty Turf BO.vpc]  
Jobsite: 1 Industrial Way

City, State: SANFORD, Maine 04073  
Country: United States

City, State: Portland, Maine 04103  
County, Country: Cumberland, United States

This is to certify that the above referenced VP BUILDINGS project has been designed for the applicable portions of the following Building Code and in accordance with the order documents which have stipulated the following applied environmental loads and conditions:

### Overall Building Description

Shape	Overall Width	Overall Length	Floor Area (sq. ft.)	Wall Area (sq. ft.)	Roof Area (sq. ft.)	Max. Eave Height	Min. Eave Height 2	Max. Roof Pitch	Min. Roof Pitch	Peak Height
Thirsty Turf Irrigation	100/0/0	60/0/0	6000	6817	6021	20/0/0	20/0/0	1,000:12	1,000:12	24/2/0

### Loads and Codes - Shape: Thirsty Turf Irrigation

City: Portland County: Cumberland  
Building Code: BOCA - 1999 - National Building Code  
Building Use: Standard Occupancy Structures

State: Maine  
Built Up: 89AISC  
Cold Form: 96AISI

Country: United States  
Rainfall: 4.00 in per hour  
Allow. Overstress:  
Prm: 1.03, Sec: 1.03, Brc: 1.03

### Dead and Collateral Loads

Collateral Gravity: 3.00 psf  
Collateral Uplift: 0.00 psf

Roof Covering + Second. Dead Load: 2.45 psf  
Frame Weight (assumed for seismic): 2.50 psf

### Live Load

Live Load: 20.00 psf Not Reducible  
LL for Below Eave Canopy: N/A

### Wind Load

Wind Speed: 90.00 mph  
Primary Wind Exposure (Factor): B (0.418)  
Parts Wind Exposure (Factor): C (0.870)  
Wind Enclosure: Enclosed  
Wind Importance Factor: 1.097  
Distance to Coast: 3.1 Miles  
Base Elevation: 0/0/0  
Primary Zone Strip Width: N/A  
Parts / Portions Zone Strip Width: 6/0/0  
Basic Wind Pressure: 9.51, (Parts) 19.78 psf  
Moment-Resisting Frame System Ordinary Steel Frames (R=4.5 Cd= 4.0)  
Building Frame System Concentrically Braced Frames (R=5.0 Cd= 4.5)  
Analysis Procedure 1610.4 used

### Snow Load

Ground Snow Load: 70.00 psf  
Design Snow (Sloped): 49.00 psf  
Snow Exposure Category (Factor): 2 (1.00)  
Snow Importance: 1.000  
Thermal Category (Factor): Heated (1.00)  
Ground / Roof Conversion: 0.70  
% Snow Used in Seismic: 20.00  
Seismic Snow Load: 9.80 psf

### Seismic Load

Seismic Hazard / Use Group: Group 1  
Seismic Importance: 1.000  
Seismic Performance / Design Category: C  
Framing Seismic Period: 0.0000  
Bracing Seismic Period: 0.0000  
Aa: 0.1500, Av: 0.1500  
Frame Seismic Factor (Cs): 0.0556  
Brace Seismic Factor (Cs): 0.0500

Per Article 2.9 in the Builder Agreement, VP Buildings assumes that the Builder has called the local Building Official or Project Engineer to obtain all code and loading information for this specific building site.

The steel design is in accordance with VP BUILDINGS standard design practices, which have been established based upon pertinent procedures and recommendations of the following organizations:

- American Institute of Steel Construction (AISC)
- American Iron and Steel Institute (AISI)
- American Welding Society (AWS) [D1.1]
- American Society for Testing and Materials (ASTM)
- Metal Building Manufacturers Association (MBMA)
- AISC Category MB Manufacturer Certification.

This certification DOES NOT apply to the design of the foundation or other on-site structures or components not supplied by VP BUILDINGS, nor does it apply to unauthorized modifications to framing systems provided by VP BUILDINGS.

Furthermore, it is understood that this certification is based upon the premise that all components furnished by VP BUILDINGS will be erected or constructed in strict compliance with the design and specifications furnished by VP BUILDINGS.

Sincerely,

VP BUILDINGS  
3200 Players Circle, Memphis TN 38118-843



P.E. Prepared by: CTR Reviewed by: \_\_\_\_\_

**Robert T. Gore, Jr., P.E.**  
**Consulting Structural Engineer**

**TEL: 207-477-2671**  
**FAX: 207-477-2671**  
**E-MAIL: [rtgore@metrocast.net](mailto:rtgore@metrocast.net)**

**MAILING ADDRESS:**  
**P.O. BOX 190**  
**ACTON ME 04001-0190**

**STREET ADDRESS:**  
**406 NEW BRIDGE RD.**  
**ACTON, MAINE 04001**

February 2, 2004

Attn: Gregg Paterson  
Patco Construction Co.  
1293 Main St.  
Sanford, ME 04073

Attn: Mike Nugent, Manager  
Inspection Services Program  
Planning and Development Dept.  
389 Congress St.  
Portland ME 04101

327AA1

Re: Thirsty Turf inspection

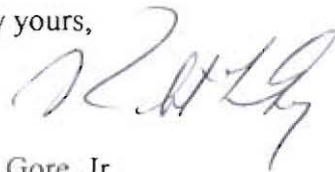
Dear Gregg & Mike:

I inspected the Thirsty Turf site on January 23 and again on January 27. The inspection was conducted as described in my letter to you of Dec. 12, 2003, steps 1 thru 4. Specifically, pier footing sizes, reinforcing bar placement in piers, interior footings and forming of walls. The inspection occurred on two dates because on January 23, pier reinforcing had been placed, but piers and walls had not been formed. The inspection of January 27 was conducted to inspect the forming.

One deficiency was identified during my visit of January 23. The deficiency involved placement of the first and last tie in piers. The lowest tie in a pier is to be no more than  $\frac{1}{2}$  the specified tie spacing from the bottom of the pier, and the top tie is to be no lower than  $\frac{1}{2}$  the specified tie spacing from the top of pier. The deficiency was discussed on site with the contractor. In this case, because vertical steel is contained in the footing below the bottom of the pier, and is contained in hiarpin steel at the top of the pier, no correction was necessary or ordered.

Thank you.

Very truly yours,



Robert T. Gore, Jr.





**PATCO**  
CONSTRUCTION, INC.

February 5, 2004

327AA1

City of Portland  
City Hall Rm 315  
389 Congress Street  
Portland, ME 04101

Attn: Michael J. Hugent

Dear Mike:

Enclosed in the final special inspection report from SRG Engineering, Inc. on the North Atlantic Scaffolding project at 35 Industrial Way. Portland, Maine

Sincerely,

Rick Day

RED/kif