

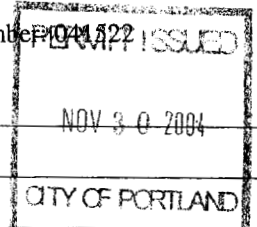
# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

ENGINEERING SECTION

## PERMIT

Permit Number 1041522



This is to certify that Stultz Philip E Jr/Patco Construction  
has permission to 2500 Sq. Ft Addition to exist metal building for warehousing  
AT 190 Rand Rd 255 A008001

provided that the person or persons, firm or corporation securing this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and when permission procured before this building or part thereof is started or closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

**OTHER REQUIRED APPROVALS**

Fire Dept. [Signature]  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_  
Department Name \_\_\_\_\_

[Signature] 11/24/04

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 04-1522	Issue Date:	CBL: 255 A008001
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Location of Construction: 190 Rand Rd	Owner Name: Stultz Philip E Jr	Owner Address: 13 High Bluffs Rd	Phone:
Business Name:	Contractor Name: Patco Construction	Contractor Address: 1293 Main St Sanford	Phone: 2013245514
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	Zone: FM

Past Use: Commercial <del>Residential</del> <i>wholesale service and warehouse</i>	Proposed Use: Commercial/ <del>Residential</del> 2500 Sq. Ft Addition to existing metal building for <i>warehouse</i>	Permit Fee: \$1,047.00	Cost of Work: \$114,000.00	CEO District: 3
Proposed Project Description: 2500 Sq. Ft Addition to existing metal building for <i>warehouse</i>		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: F1 Type 2C <i>11/24/04</i>	

Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i>
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	
Signature: _____ Date: _____	

Permit Taken By: Idobson	Date Applied For: 10/05/2004	<b>Zoning Approval</b>	
-----------------------------	---------------------------------	------------------------	--

<p><b>Special Zone or Reviews</b></p> <p><input type="checkbox"/> Shoreland <i>N/A</i></p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone <i>Zone X</i></p> <p><input type="checkbox"/> Subdivision</p> <p><input checked="" type="checkbox"/> Site Plan <i>2004-0190</i></p> <p>Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: _____</p>	<p><b>Zoning Appeal</b></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><b>Historic Preservation</b></p> <p><input checked="" type="checkbox"/> Not in District or Landmar</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>
--	--	--

**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	

**City of Portland, Maine - Building or Use Permit**

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

Permit No: 04-1522	Date Applied For: 10/05/2004	CBL: 255 A008001
-----------------------	---------------------------------	---------------------

<b>Location of Construction:</b> 190 Rand Rd	<b>Owner Name:</b> Stultz Philip E Jr	<b>Owner Address:</b> 13 High Bluffs Rd	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Patco Construction	<b>Contractor Address:</b> 1293 Main St Sanford	<b>Phone:</b> (207) 324-5574
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Additions - Commercial	

Commercial/ 2500 Sq. Ft Addition to existing metal building for warehousing	2500 Sq. Ft Addition to existing metal building for warehousing
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 11/16/2004

**Note:** 11/12/04 - I still have not received a stamped approved site plan from Kandi - I gave her an e-mail - she'll be out until Nov 22      **Ok to Issue:**

11/16/04 - received stamped approved site plan from Sarah

- 1) Separate permits shall be required for any new signage.
- 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      **Reviewer:** Mike Nugent      **Approval Date:** 11/24/2004

**Note:**      **Ok to Issue:**

**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Lt. MacDougal      **Approval Date:** 10/19/2004

**Note:**      **Ok to Issue:**

- 1) the sprinkler system shall be maintained to NFPA 13 standards

**Note:**      **Ok to Issue:**

**Dept:** DRC      **Status:** Approved with Conditions      **Reviewer:** Jay Reynolds      **Approval Date:** 10/01/2004

**Note:**      **Ok to Issue:**

- 1) see planning conditions

**Dept:** Planning      **Status:** Approved with Conditions      **Reviewer:** Kandi Talbot      **Approval Date:** 10/01/2004

**Note:**      **Ok to Issue:**

- 1) It is recommended that the mature tree line be preserved through construction, and noted on the site plan.
- 2) The silt fence should be continuous, not 3 separate sections. It should also wrap around the front of the building (Rand Road side) to envelope all limits of work.

**Comments:**

11/24/2004-mjn: hold for planning

1704-0180  
Site Plan  
APB

# AI Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 190 Rand Road.		
Total Square Footage of Proposed Structure 2,500 S.F.	Square Footage of Lot ± 80,000 S.F.	
Tax Assessor's Chart, Block & Lot Chart# 255 Block# A Lot# 8,001	Owner: Chip Stultz 13 High Billups Rd. Falmouth, ME. 04105	Telephone: 671-2737
Lessee/Buyer's Name (If Applicable) N/A	Applicant name, address & telephone: Patco Construction, Inc. 1293 Main St. Sanford, Me. 324-5574	Cost Of Work: \$ 114,000.00 Fee: \$
Current use: Elec. motor sales/service		
If the location is currently vacant, what was prior use: N/A		Site Plan being approved soon
Approximately how long has it been vacant: N/A		
Proposed use: SAME		
Project description: 2500 sq ft addition to existing metal building for sales & service		
Contractor's name, address & telephone: Patco Construction, 1293 Main St. Sanford 04073 324-5574		
Who should we contact when the permit is ready: Dennis Waters		
Mailing address:		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: 651-0798 xx call Dennis		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: Dennis M. A. Date: 10/4/04

This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

RECEIVED

Applicant: Patco Const for Stultz Date: 11/12/04  
 Address: 190 Rand Rd Fluid Power C-B-L: 255-A-008

CHECK-LIST AGAINST ZONING ORDINANCE

Date - Existing Bldg permit #04-1527

Zone Location - I-M

Interior or corner lot -

Proposed Use/Work - to construct addition to <sup>25' x 100'</sup> bathroom

Sewage Disposal - City

Lot Street Frontage - 60' min - 356.79' given

Front Yard - 1' for each 1' of height as max. - 24' min req - 50' + shown

Rear Yard - 1' for each 1' of height up to 25' - 24' min req - 100' + shown

Side Yard - 1' for each 1' of height up to 25' - 20' scale - 24' min

Projections -

Width of Lot - N/A

Height - 75' max - showing 24' height

Lot Area - 10,000<sup>sq</sup> min - 82,454<sup>sq</sup> per assessors

Lot Coverage (Impervious Surface) - 75% max  
 25% min - 20,617.5<sup>sq</sup>

Area per Family -

Off-street Parking -  $100 \times 132 = 13200$   
 $25 \times 100 = 2500$   
 $15700 \div 1000 = 15.7 \approx 16$  spaces

Loading Bays - Adding one 14' x 50' Loading Dock <sup>space</sup>  $\downarrow$   
 $50' \times 220' = 11,000$   
 $25' \times 230' = 5750$   
 $110' \times 110' = 12100$   
 28850 plus more

Site Plan -

minor # 2004-0180

Shoreland Zoning/Stream Protection - N/A

Flood Plains - Panel 12 - Zone X

PAVEMENT: No closer than 10' from boundary line - 13' shown

**From:** Marge Schmuckal  
**To:** Sarah Hopkins  
**Date:** Fri, Nov 12, 2004 12:44 PM  
**Subject:** Fwd: Re: 190 Rand RD - Stultz Fluid Power (Out of the Office)

Sarah,  
I still have not received a stamped approved site plan for this project and Kandi is going to be out another week. Can you help this in the mean time. They are screaming for a permit.  
Thanks,  
Marge

**CC:** ALEX JAEGERMAN

**From:** Marge Schmuckal  
**To:** Kandi Talbot  
**Date:** Fri, Nov 12, 2004 12:39 PM  
**Subject:** 190 Rand RD - Stultz Fluid Power

Kandi,  
Can I get a stamped approved *site* plan for this project? They are screaming for a permit.  
Thanks,  
Marge



August 31, 2004  
99444

Margaret Schmuckal, Zoning Administrator  
Code Enforcement Department  
City of Portland  
389 Congress Street  
Portland, ME 04101

SEP 01



**Minor Site Plan Application, Stultz Fluid Power  
190 Rand Road, Patco Construction, Inc.**

Dear Marge:

On behalf of Patco Construction, Inc. and Stultz Fluid Power, we are pleased to submit nine (9) copies of the enclosed plan for a Minor Site Plan Application. Patco Construction, Inc. proposes to construct a 2,500 square foot addition to the rear of the existing Stultz Fluid Power building located at 190 Rand Road. A minimal amount of paving is proposed to be installed to square the existing paved area with the rear of the expansion. An overhead door is proposed on the southeasterly side of the expansion, and a single exit door will be installed on the northeasterly rear of the building as shown on the enclosed elevations.

The building addition is simply proposed to provide additional warehousing area. Grading will occur to the rear of the site to maintain the finished floor elevation with the existing building as well as to maintain positive drainage away from the expansion. All utility services to the expansion will occur from the existing building. The only new proposed lighting consists of wall packs over the two new doors. Landscaping is proposed only to consist of loaming and seeding of disturbed areas.

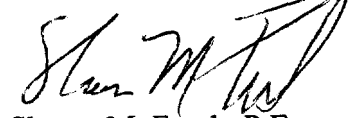
In accordance with Section 14-506(b), the applicant is requesting a waiver of the requirement for sidewalks and curbing along the project frontage on Rand Road. As contained within the sidewalk portion of this section, an existing sidewalk is located on the opposite side of the roadway and Rand Road was reconstructed within the last 24 months. Within the curbing section, the cost to install granite curbing along 356 feet of frontage with associated drainage infrastructure would easily surpass 5 percent of the project cost and Rand Road was reconstructed within the last 60 months. Accordingly, we believe that the project meets two of the conditions as required to allow for the granting of the variance.



We are hopeful that sufficient information has been provided such that the Minor Site Plan Application may be approved by Staff. Upon your review of the application, however, please call with any questions or if you require additional information. *Thank* you for your consideration.

Sincerely,

SEBAGO TECHNICS, INC.



Shawn M. Frank, P.E.

Project Manager

SMF:dlf

cc: Dennis Waters, Patco Construction, Inc.

Use in areas that require shatter-resistant security lighting at low to medium mounting heights. Ideal for entrances, loading docks, walkways and vehicle ramps.

Wall-P

**TWI**

Master Catalog Number

Example: TWP 175M TB

TWP 175M		TB
Wattage	Part Number	Voltage
<b>HIGH PRESSURE SODIUM</b>		
35W	TWP 35S <sup>1,2</sup>	120
50W	TWP 50S <sup>1</sup>	208 <sup>3</sup>
70W	TWP 70S	240 <sup>4</sup>
100W	TWP 100S	277
150W	TWP 150S <sup>3,4</sup>	347
		480 <sup>5</sup>
		TB <sup>6</sup>
<b>METAL HALIDE</b>		
70W	TWP 70M	
100W	TWP 100M <sup>4</sup>	
175W	TWP 175M	
<b>MERCURY VAPOR</b>		
100W	TWP 100H	
175W	TWP 175H	
<b>LOW PRESSURE SODIUM</b>		
35W	TWP 35L <sup>1</sup>	
<b>INCANDESCENT</b>		
200W	TWP 200I	

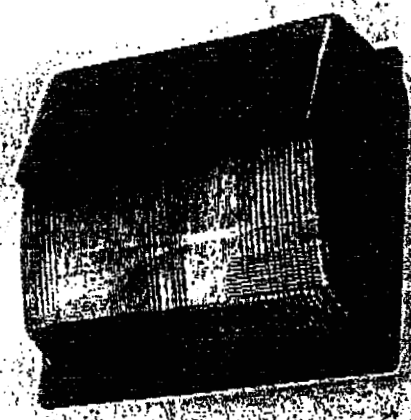
**Options/Accessories**

For options and accessories, see page 274.

**NOTES:**  
 1 Not available with TB.  
 2 120V only.  
 3 Operates 55V lamp.  
 4 Not available 480V.  
 5 Not available in Canada.  
 6 Optional Multi-tap Ballast (120, 208, 240, 277V) (120, 277, 347V in Canada.)  
 7 Other ballast types available.  
 All dimensions are inches (centimeters) unless otherwise specified.  
**CANADIAN SHIPMENTS:** Add CSA as suffix to catalog number.  
 HID lamps available with luminaires. Consult factory.

**Lamp/Fixture Data<sup>7</sup>**

Wattage	Ballast	Weight	
		Lbs.	Kg.
<b>HIGH PRESSURE SODIUM (Med/Clear)</b>			
35	RHP	12	5
50	RHP	13	6
70	HX HPF	15	7
100		14	6
150		15	7
<b>METAL HALIDE (Med(100)/Mog(175)/Clear)</b>			
70	HX HPF	16	7
100	HX-HPF	16	7
175	CWA	16	7
<b>MERCURY VAPOR (Mog/Coated)</b>			
175		21	10
<b>LOW PRESSURE SODIUM (D.C. Bay/Clear)</b>			
35	HPF-LAG	14	6



**Features**

**Housing:** Rear housing is rugged, corrosion resistant, die-cast aluminum. Stainless steel external hardware includes slotted hex-head and tamperproof fasteners.

**Optics:** Reflector is aluminum finished. White thermoset polyester powder electrostatically applied. Front housing and reflector are one-piece, injection-molded, stabilized polycarbonate. Standard finish, opaque portion of front cover and rear housing is dark bronze polyester enamel electrostatically applied. Refractor is sealed and gasketed to inhibit the entrance of outside contaminants.

**Ballast:** HPS: High reactance, high power factor. Encased and potted solid state ignitors (HPS and 100MH). MH and MV Constant wattage autotransformer. Ballast copper wound and 100% factory tested. 1029 listed. Electrical components mounted on back housing.

**Installation:** Top 3/4" threaded wiring access. Back access through removable 3/4" knockout. Feed-thru wiring can be achieved using a conduit tee. Mount on any vertical surface.

**Listings:** UL 1572 listed suitable for wall applications. CSA certified for use in Canada.

**Socket:** Glazed porcelain (mogul) base horizontally-oriented socket with copper alloy, nickel-plated screw shell, and copper contact. Medium-base; UL listed 600W, 600V, 4KV pulse rated. Mogul-base; UL listed 1500W, 600V, 4KV pulse rated.

**STANDARD PACKAGING**  
 Fixture ship complete in unit cartons only.  
 Example:  
 (Qty 13) TWP 175M TB  
 (13 cartons of 1 fixture)  
 Accessories ship separately.

Post-it<sup>®</sup> Fax Note 7671

To	Lightco	Date	# of pages
From	J&S Electric		
Co./Dept.	SACO Ind PK	Phone #	603-657-7664
Phone #		Fax #	Jim

**DIMENSIONS**  
 Height: 15 1/2 (39.2)  
 Width: 16 1/4 (41)  
 Depth: 7 3/4 (19.7)





Total Square Footage of Proposed Structure: 2,500 s.f. Addition		Square Footage of Lot 82,454						
<b>Tax Assessor's Chart, Block &amp; Lot:</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 2px;">Chart#</td> <td style="width: 33%; padding: 2px;">Block#</td> <td style="width: 33%; padding: 2px;">Lot#</td> </tr> <tr> <td style="padding: 2px;">255</td> <td style="padding: 2px;">A</td> <td style="padding: 2px;">8.001</td> </tr> </table>	Chart#	Block#	Lot#	255	A	8.001	<b>Property owner's mailing address:</b> Philip E. Stultz, Jr. 13 High Bluffs Road Falmouth, ME 04105	<b>Telephone #:</b> (207)828-4727
Chart#	Block#	Lot#						
255	A	8.001						
<b>Consultant/Agent, mailing address, phone # &amp; contact person:</b> Shawn M. Frank, P.E. c/o Sebago Technics, Inc. P.O. Box 1339 Westbrook, ME 04098-1339 (207)856-0277	<b>Applicant's name, mailing address, telephone #/Fax#/Pager#:</b> Patco Construction, Inc. 1293 Main Street Sanford, ME 04073	<b>Project name:</b> Stultz Fluid Power Building Expansion						
<b>Proposed Development (check all that apply)</b> New Building <input checked="" type="checkbox"/> Building Addition <input type="checkbox"/> Change of Use <input type="checkbox"/> Residential <input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Manufacturing <input type="checkbox"/> <input type="checkbox"/> Warehouse/Distribution <input type="checkbox"/> Parking lot <input type="checkbox"/> Subdivision (\$500.00) + amount of lots _____ (\$25.00 per lot) \$ _____ <input type="checkbox"/> Site Location of Development (\$3,000.00) (except for residential projects which shall be \$200.00 per lot _____ ) <input type="checkbox"/> Traffic Movement (\$1,000.00) <input type="checkbox"/> Stormwater Quality (\$250.00) <input type="checkbox"/> Section 14-403 Review (\$400.00 + \$25.00 per lot) <input type="checkbox"/> Other _____								
<b>Major Development (more than 10,000 sq. ft.)</b> <input type="checkbox"/> Under 50,000 sq. ft. (\$500.00) <input checked="" type="checkbox"/> 50,000 - 100,000sq. ft. (\$1,000.00) <input type="checkbox"/> Parking Lots over 100 spaces (\$1,000.00) <input type="checkbox"/> 100,000 - 200,000 sq. ft. (\$2,000.00) <input type="checkbox"/> 200,000 - 300,000 sq. ft. (\$3,000.00) <input type="checkbox"/> Over 300,000 sq. ft. (\$5,000.00) After-the-fact Review (\$1,000.00 + applicable application fee)								
<b>Minor Site Plan Review</b> <input checked="" type="checkbox"/> Less than 10,000sq. ft. (\$400.00) After-the-fact Review (\$1,000.00 + applicable application fee)								
<b>Plan Amendments</b> <input type="checkbox"/> Planning Staff Review (\$250.00) <input type="checkbox"/> Planning Board Review (\$500.00)								
- Please see next page -								

Who billing will be sent to: (Company, Contact Person, Address, Phone #)

Stultz Fluid Power, Chip Stultz  
190 Rand Road, Portland, ME 04102 (207)828-4727

Submittals shall include (9) separate folded packets of the following:

- copy of application
- cover letter stating the nature of the project
- site plan containing the information found in the attached sample plans check list

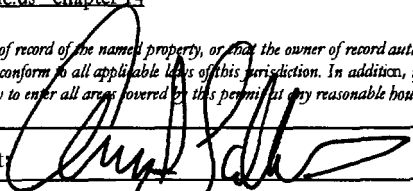
Amendment to Plans: Amendment applications should include 6 separate packets of the above (a, b, & c)

**ALL PLANS MUST BE FOLDED NEATLY AND IN PACKET FORM**

Section 14-522 of the Zoning Ordinance outlines the process; copies are available at the counter at .50 per page (8.5 x11) you may also visit the web site: [ci.portland.me.us](http://ci.portland.me.us) chapter 14

*I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.*

Signature of applicant



Date: 8/31/04

This application is for site review ONLY, a building Permit application and associated fees will be required prior to construction.

## Development in Portland

The City of Portland has instituted the following fees to recover the costs of reviewing development proposals under the Site Plan and Subdivision ordinances: application fee; engineering fee; and inspection fee. Performance and defect guarantees are also required by ordinance to cover all site work proposed.

The Application Fee covers general planning and administrative processing costs, and is paid at the time of application.

The Planning Division is required to send notices to neighbors upon receipt of an application and prior to public meetings. The applicant will be billed for mailing and advertisement costs. Applicants for development will be charged an Engineering Review Fee. This fee is charged by the Planning Division for review of on-site improvements of a civil engineering nature, such as storm water management as well as the engineering analysis of related improvements within the public right-of-way, such as public streets and utility connections, as assessed by the Department of Public Works. The Engineering Review fee must be paid before a building permit can be issued. Monthly invoices are sent out by the Planning Division on a monthly basis to cover engineering costs.

A Performance Guarantee will be required following approval of development plans. This guarantee covers all required improvements within the public right-of-way, plus certain site improvements such as landscaping, paving, and drainage improvements. The Planning Division will provide a cost estimate form for figuring the amount of the performance guarantee, as well as sample form letters to be filled out by a financial institution.

An Inspection Fee must also be submitted to cover inspections to ensure that sites are developed in accordance with the approved plan. The inspection fee is 2.0% of the performance guarantee amount, or as assessed by the planning or public works engineer. The minimum inspection fee is \$300 for development, unless no site improvements are proposed. Public Works inspects work within the City right-of-way and Planning inspects work within the site including pipe-laying and connections. (The contractor must work with inspectors to coordinate timely inspections, and should provide adequate notice before inspections, especially in the case of final inspection.)

Upon completion of a development project, the performance guarantee is released, and a Defect Guarantee in the amount of 10% of the performance guarantee must be provided. The Defect Guarantee will be released after a year.

Other reimbursements to the City include actual or apportioned costs for advertising and mailed notices. All fees shall be paid prior to the issuance of any building permit.

For more information on the fees or review process, please call the Planning Division at 874-8719 or 874-8721.



October 4, 2004

Mr. Michael Nugent  
Building Department  
City of Portland  
389 Congress ~~Street~~  
Portland, ME 04101

RE: Rand Road/Motion Industries

Dear Michael:

Attached please find our Building Application for the proposed addition to the Motion Industries Building on Rand Road in Portland. The package includes the following:

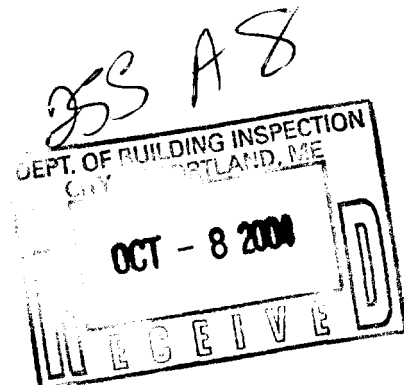
- |    |                                 |  |
|----|---------------------------------|--|
| 1. | Building Permit Application     |  |
| 2. | Building Code Certificate       | John Einsiedler/SRG                        |
| 3. | Designer/BOCA 1999 Form         | John Einsiedler/SRG                        |
| 4. | Accessibility Certificate       | John Einsiedler                            |
| 5. | Statement of Special Inspectors | SRG Engineering                            |
| 6. | Geotechnical <i>Study</i>       | S.W. Cole Engineering                      |
| 7. | Drawings                        | (2) 24" x 36" copies<br>(1) 11" x 17" copy |
| 8. | Permit Application              | Check for \$1,047.00                       |
- 
- S-1 Site plan Sebago Technics
  - S-1, S2 Foundation Plan SRG Engineering
  - A-1 Architectural Plan John Einsiedler
  - 1-19 Structural Steel Varco-Pruden Buildings

The project consists of a 2,500 sq. ft. (100' x 25') pre-engineered metal building addition on the end of existing metal building. The new space is an expansion of the existing warehouse. A five-ton bridge crane may be installed by the owner at a later date. The Sprinkler System will be extended to cover the new space. No plumbing or "Finished" space is required for this addition.

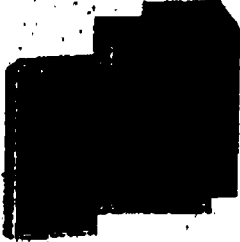
If you have any questions or need additional information, please call me at 651-0798.

Sincerely,

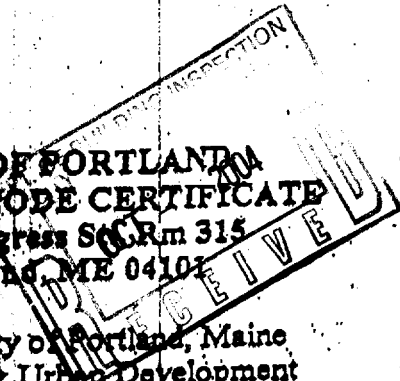
Dennis Waters



*JWS AS*



**CITY OF PORTLAND  
BUILDING CODE CERTIFICATE**  
389 Congress St. Rm 315  
Portland, ME 04101



**TO:** Inspector of Buildings City of Portland, Maine  
Department of Planning & Urban Development  
Division of Housing & Community Service

**FROM:** John W. Einsiedler, R.A.

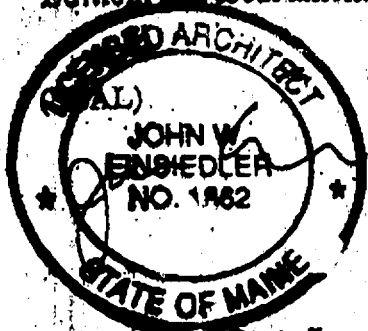
**RE:** Certificate of Design

**DATE:** September 10, 2004

These plans and/or specifications covering construction work on:

MOTION INDUSTRIES  
PAUL ROAD

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the BOCA National Building Code/1999 Fourteenth Edition, and local amendments.



Signature *John W. Einsiedler*  
Title OWNER  
Firm JOHN W. EINSIEDLER  
Address 145 SEA ROAD  
KENNEBUNK, ME  
04043

As per Maine State Law:

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.



# CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

TO: Inspector of Buildings City of Portland, Maine  
Planning & Urban Development  
Division of Housing & Community Services

FROM DESIGNER: JOHN W. EINSIEDLER, R.A.

DATE: SEPTEMBER 10, 2004

Job Name: MOTION INDUSTRIES

Address of Construction: RAND ROAD

**THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION**  
Construction project was designed according to the building code criteria listed below:

Building Code and Year: BOCA 1999 Use Group Classification(s): F-1

Type of Construction: 2C Bldg. Height: 24' ± Bldg. Sq. Footage: ADDITION 200 SF TOTAL 15,000

Seismic Zone: \_\_\_\_\_ Group Class: \_\_\_\_\_

Roof Snow Load Per Sq. Ft.: \_\_\_\_\_ Dead Load Per Sq. Ft.: \_\_\_\_\_

Basic Wind Speed (mph): \_\_\_\_\_ Effective Velocity Pressure Per Sq. Ft.: \_\_\_\_\_

Floor Live Load Per Sq. Ft.: \_\_\_\_\_

Structure has full sprinkler system? Yes  No  Alarm System? Yes  No   
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

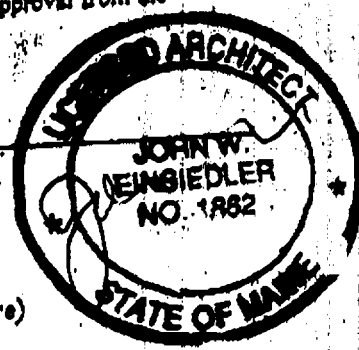
Is structure being considered unlimited area building: Yes  No

If mixed use, what subsection of 313 is being considered: \_\_\_\_\_

List Occupant loading for each room or space, designed into this Project.

ADDITION 25 PEOPLE  
EXISTING 130 PEOPLE

(Designer's Stamp & Signature)





CITY OF PORTLAND  
ACCESSIBILITY CERTIFICATE

Designer: JOHN W. EINSIEDLER, R.A.

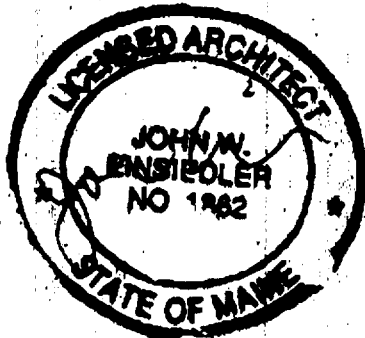
Address of Project NOTION INDUSTRIES / RAND ROAD

Nature of Project ADDITION FOR PAWS STORAGE

Date SEPTEMBER 10, 2004

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

(SEAL)



Signature [Handwritten Signature]

Title OWNER

Firm JOHN W. EINSIEDLER, R.A.

Address 143 SEA ROAD

KENNEBUNK, ME 04043

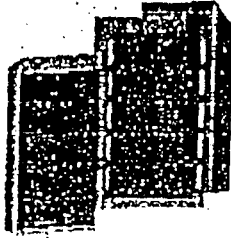
Telephone 207-985-9760



**COPY**

A 04-107

SRG ENGINEERING, INC.  
P.O. Box 925  
GRAY, ME 04039



CITY OF PORTLAND  
BUILDING CODE CERTIFICATE  
389 Congress St., Rm 315  
Portland, ME 04101

TO: Inspector of Buildings City of Portland, Maine  
Department of Planning & Urban Development  
Division of Housing & Community Service

FROM: STEVEN R. GRANT, P.E.

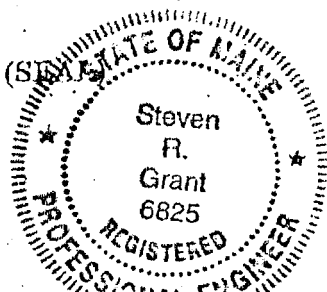
RE: Certificate of Design

DATE: AUGUST 19, 2004

These plans and/or specifications covering construction work on:

MOTION INDUSTRIES ADDITION (FOUNDATION)

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the BOCA National Building Code/1999 Fourteenth Edition, and local amendments.



Signature: [Handwritten Signature]

Title: PRESIDENT

Firm: SRG ENGINEERING, INC.  
P.O. Box 925  
GRAY, ME 04039

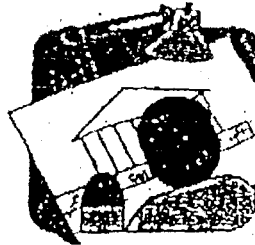
Address: \_\_\_\_\_

As per Maine State Law:

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design

#04-107

SRG ENGINEERING, INC.  
P.O. Box 925  
GRAY, ME ,04039



### CITY OF PORTLAND MAINE

389 Congress St., Rm 315  
Portland, ME 04101  
Tel. - 207-874-8704  
Fax - 207-874-8716

TO: Inspector of Buildings City of Portland, Maine  
Planning & Urban Development  
Division of Housing & Community Services

FROM DESIGNER: STEVEN R. GRANT, P.E.

SRG ENGINEERING, INC.

P.O. Box 925  
GRAY, ME 04039

DATE: AUGUST 19, 2004

Job Name: MOTION INDUSTRIES ADDITION

Address of Construction: 190 RAND ROAD, PORTLAND, ME

#### THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

Construction project was designed according to the building code criteria listed below:

Building Code and Year: BOCA 1999 Use Group Classification(s): PER ARCHITECT

Type of Construction: \_\_\_\_\_ Bldg. Height: \_\_\_\_\_ Bldg. Sq. Footage: 2500

Seismic Zone: A<sub>v</sub> = 0.10 A<sub>g</sub> = 0.10 Group Class: \_\_\_\_\_

Roof Snow Load Per Sq. Ft.: 49 Dead Load Per Sq. Ft.: 8.55

Basic Wind Speed (mph): 90 MPH Effective Velocity Pressure Per Sq. Ft.: BASIC = 10.29 WINDS = 20.70

Floor Live Load Per Sq. Ft.: 100 psf

Structure has full sprinkler system? Yes \_\_\_\_\_ No \_\_\_\_\_ Alarm System? Yes \_\_\_\_\_ No \_\_\_\_\_  
Sprinkler & Alarm systems must be installed according to NFPA and NFA Standards with approval from the Portland Fire Department.

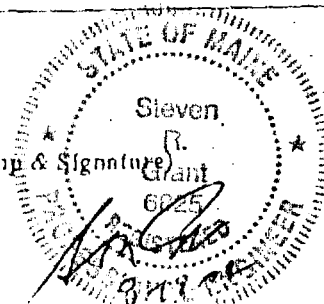
Is structure being considered unlimited area building? Yes \_\_\_\_\_ No \_\_\_\_\_

If mixed use, what subsection of 313 is being considered: \_\_\_\_\_

List Occupant loading for each room or space, designed into this Project.

PER ARCHITECT  
PER IAWCO DIVIDEN METAL BLOCS  
PER ARCHITECT

(Designers Stamp & Signature)



# 04-107

S E A M

SRG ENGINEERING, INC.  
P.O. Box 925  
GRAY, ME 04039

Structural Engineering Association of Maine

STATEMENT OF SPECIAL INSPECTIONS

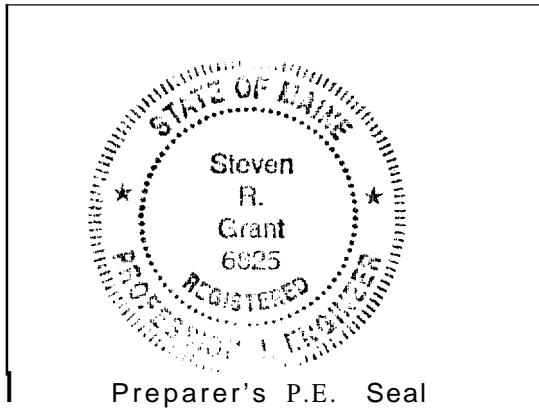
PROJECT: MOTION INDUSTRIES ADDITION  
 LOCATION: 190 RAND ROAD, PORTLAND ME  
 PERMIT APPLICANT: PATCO CONSTRUCTION, INC  
 APPLICANT'S ADDRESS: 1293 MAIN ST  
SANFORD, ME 04073  
 STRUCTURAL ENGINEER OF RECORD: STEVEN R GRANT SRG ENGINEERING, INC  
Name Firm  
 ARCHITECT OF RECORD: JOHN ERNSEIDLER, RA (SAME)  
Name Firm

This Statement of Special Inspections is submitted in accordance with Section 1705.0 of the 1993 BOCA National Building Code. It includes a listing of special inspections applicable to this project as well as the name of the Special Inspector, and the names of other agencies intended to be retained for conducting these inspections.

The Special Inspector shall keep records of all inspections listed herein, and shall furnish inspection reports to the Code Official and to the Registered Design Professional of Record. All discrepancies shall be brought to the immediate attention of the Contractor for correction. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Code Official and to the Registered Design Professional of Record. Interim reports shall be submitted to the Code Official and to the Registered Design Professional of Record monthly, unless more frequent submissions are requested by the Code Official,

Job site safety is solely the responsibility of the Contractor. Materials and activities to be inspected are not to include the Contractor's equipment and methods used to erect or install the materials listed.

Prepared By:  
STEVEN R. GRANT  
NAME  
[Signature] 8-19-04  
SIGNATURE DATE



Applicant's Authorization:

Building Code Official:

\_\_\_\_\_  
SIGNATURE DATE  
 3/15/94

\_\_\_\_\_  
SIGNATURE DATE  
 Page 1 of 2

S E A M

# 04-107

Structural Engineering Association of Maine

LIST OF AGENTS

PROJECT: MOTION INDUSTRIES ADDITION

STRUCTURAL ENGINEER OF RECORD: STEVEN GRANT

Name

Firm

SRG ENGINEERING, INC.  
P.O. Box 925  
GRAY, ME 04039

Address

ARCHITECT OF RECORD:

JOHN EINSIDLER, R.A. (SAME)

Name

Firm

148 SEA ROAD, KENNEBUNK ME 04043

Address

Following is the List of Agents selected for performance of Special Inspections for this project.

- |                       | Name                                | Firm                                   |
|-----------------------|-------------------------------------|--|
| 1. Special Inspector  | <u>STEVEN R GRANT</u>               | <u>SRG ENGINEERING, INC.</u>           |
| 2. Testing Laboratory | <u>ALGER DOMINGO; 5 W CARE BLDG</u> | <u>P.O. Box 925<br/>GRAY, ME 04039</u> |
| 3. Testing Laboratory | _____                               | _____                                  |
| 4.                    | _____                               | _____                                  |
| 5.                    | _____                               | _____                                  |
| 6.                    | _____                               | _____                                  |
| 7.                    | _____                               | _____                                  |
| 8.                    | _____                               | _____                                  |
| 9.                    | _____                               | _____                                  |
| 10.                   | _____                               | _____                                  |

# 04-107

PROJECT: *Motion Industries Abnorm*

SCHEDULE OF SPECIAL INSPECTION SERVICES

MATERIAL / ACTIVITY	ITEM	SERVICE	APPLICABLE TO THIS PROJECT			
			Y/N	EXTENT (All, Sample, Other, None)	AGENT #	DATE COMPLETED
17053 STEEL CONSTRUCTION Steel Fabrication	1.00	In-plant review Part A - Fabrication procedures				
		Part B - Procedures implementation Review conformance to Part A				NOT READ
	✓	Review material certificates of compliance (Bolts, nuts, washers, structural steel, & weld filler material)				NR
	✓	Review connections				
		Review welding of seismic-resisting system in Cal. 709 buildings				NR
		Review a steel connection				NR
	✓	Review material certificates of compliance (Bolts, nuts, washers, & weld filler material)				
	✓	Review primary steel connections				
	✓	Moment connections				
	✓	Shear connections				
	✓	Bracing connections				
		Review welded Cal. "C" seismic connections				NR
		Review welded column splices				NR
		Review base metal testing for $t > 1/2"$				NR
	✓	Review secondary steel connections				
	✓	Girts				
	✓	Steel deck				
		Limeels				
		Review installation of shear studs				NR
	✓	Review Details / Steel Frame				NR

If Steel Construction Special Inspections have been completed in accordance with ~~IBC~~ Section ~~1704~~ *IBC 1704*

Special Inspector: *STEVEN R GRANT* Date: *8-17-08*

3-15-94

