

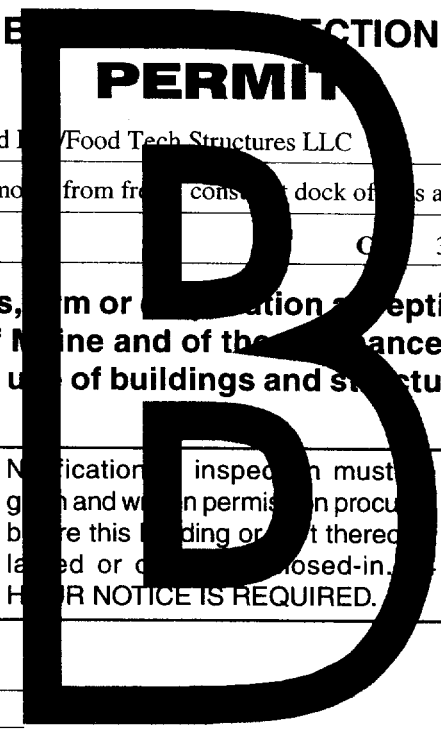
DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

PERMIT ISSUED

Please Read Application And Notes, If Any, Attached

JAN 24 2005
Permit Number: 041851



This is to certify that C & S Logistics Of Portland / Food Tech Structures LLC
has permission to convert cold storage to amm from fr cons at dock of s and renovations of existing office space
AT 56 Milliken St C 334 A014001

provided that the person or persons, firm or corporation accepting 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 written permission procured before this building or part thereof is altered 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 _____
DepartmentName

[Signature] 1/24/05
Director - Building & Inspection Services

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:	04-1851	Issue Date:	JAN 24 2005	BL:	334 AC14001
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Location of Construction: 56 Milliken St	Owner Name: C & S Logistics Of Portland Llc	Owner Address: Old Ferry Rd	Phone:
Business Name:	Contractor Name: Food Tech Structures LLC	Contractor Address: 2100 Washington St Harbor	Phone: 2619700
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone: T-M

Past Use: commercial - Industrial Warehouse	Proposed Use: Industrial Warehouse commercial convert cold storage to ammonia from freon, construct dock offices and renovations of existing office space	Permit Fee: \$39,432.00	Cost of Work: \$4,378.00	CEO District: 5
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B, S1+2 Type: 20 1/21/05 Signature: [Signature]	

Proposed Project Description:
convert cold storage to ammonia from freon, construct dock offices and renovations of existing office space

Signature: [Signature]

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action. Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: dmartin	Date Applied For: 12/21/2004	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"/> Date: 12/22/04	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:
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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	

Location of Construction: 56 Milliken St	Owner Name: C & S Logistics Of Portland Llc	Owner Address: Old Ferry Rd	Phone:
Business Name:	Contractor Name: Food Tech Structures LLC	Contractor Address: 2100 Washington St Hanover	Phone 7812619700
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone:

Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 12/22/2004
Note: **Ok to Issue:**

Dept: Building **Status:** Approved with Conditions **Reviewer:** Mike Nugent **Approval Date:** 01/21/2005
Note: **Ok to Issue:**

- 1) reviewed as non separated mixed uses in conjunction with Section 302.3.1
- 2) The refrigeration conversion plans must be submitted for approval prior to commencement of that phase.

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Lt. MacDougal **Approval Date:** 12/23/2004
Note: this permit is with 041829 **Ok to Issue:**

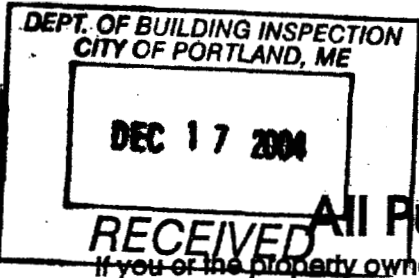
- 1) the fire alarm system and sprinkler system shall be tested to the appropriate standard and the results submitted to the Portland Fire Department
- 2) the fire alarm system shall be maintained to NFPA 72 standards
- 3) the sprinkler system shall be maintained to NFPA 13 standards
- 4) Application requires State Fire Marshal approval.

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



All Purpose Building Permit Application

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

Location/Address of Construction: <u>56 Milliken St, Portland</u>		
Total Square Footage of Proposed Structure <u>10900 + 66,980</u>	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# <u>17</u> Block# <u>A</u> Lot# <u>014</u>	Owner: <u>KDJS Partners, LLC</u>	Telephone: <u>207-772-1934 x 316</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>Jeff Shorey</u> <u>54 St John St</u> <u>Portland, ME 04102</u>	Cost Of Work: <u>\$4,378,000</u> Fee: \$ <u>39,498</u>
Current use: <u>S-2 Storage / B Business</u>		
If the location is currently vacant, what was prior use: <u>Same</u>		
Approximately how long has it been vacant: _____		
Proposed use: <u>Conversion of cold storage space from freon to ammonia, refrigeration construction of dock offices and renovation of existing office space.</u>		
Contractor's name, address & telephone: <u>Food Tech Structures LLC</u> <u>2100 Washington St, Hanover, MA 02339 (781) 201-9700</u>		
Who should we contact when the permit is ready: <u>Jeff Shorey</u>		
Mailing address: <u>54 St John St</u> <u>Portland ME 04102</u>		
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: <u>772-1934 ext 316</u>		

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 have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of the 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: [Signature] Date: 12/17/04

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



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

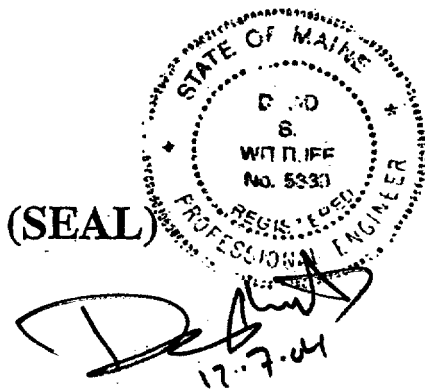
ACCESSIBILITY CERTIFICATE

Designer: DAVID S. WITLIFF PE

Address of Project: 56 MILLIKEN DR.

Nature of Project: OFFICE & WAREHOUSE RENOVATION

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.



Signature: David S. Witliff

Title: SENIOR VICE PRESIDENT

Firm: FOOD TECH STRUCTURES, LLC

Address: 2100 WASHINGTON ST.

HANOVER MA. 02339

Phone: 981-261-9700



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

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

FROM: DAVID S. WITLIFF PE

RE: Certificate of Design

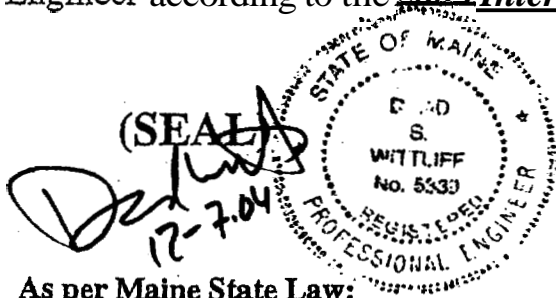
DATE: 12-7-04

These plans and / or specifications covering construction work on:

OFFICE 3 WAREHOUSE RENOVATION, 56 MILLIKEN RD. FAL

BARREL FOODS

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the 2003 International Building Code and local amendments.



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.

Signature: David S. Witliff

Title: SENIOR VICE PRESIDENT

Firm: FOOD TECH STRUCTURES, LLC

Address: 2100 WASHINGTON ST.

HAMMILL MA 02339

TEL: 261-9700

FROM DESIGNER: DAVID S. WITTLIFF PE
 DATE: 12.7.04
 Job Name: BARBER FOODS. OFFICE & WAREHOUSE. RENOVATION
 Address of Construction: 56 Milliken Dr.

2003 International Building Code

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

Building Code and Year IBC 2003 Use Group Classification(s) B, S, I, S, 2

Type of Construction II-B

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC YES

Is the Structure mixed use? YES if yes, separated or non separated (see Section 302.3) NON

Supervisory alarm system? YES Geotechnical/Soils report required?(See Section 1802.2) No

STRUCTURAL DESIGN CALCULATIONS

ATTACHED Submitted for all structural members
(106.1, 106.1.1)

N.A. Live load reduction
(1603.1.7, 1607.9, 1607.10)

N.A. Roof live loads (1603.1.2, 1607.1f)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS
(1603)

Root snow loads (1603.1.3, 1608)

Uniformly distributed floor live loads (1603.1.1, 1607)

60 Ground snow load, P_g (1608.2)

50 If $P_g > 10$ psf, flat-roof snow load, P_f
(1608.3)

Floor Area Use

Loads Shown

DATA ROOM CEILING 20 psf

1.0 If $P_g > 10$ psf, snow exposure factor, C_e
(Table 1608.3.1)

PIPE SUPPORT FRAME 100 psf

1.0 If $P_g > 10$ psf, snow load importance factor, I_s (Table 1604.5)

1.2 Roof thermal factor, C_t (Table 1608.3.2)

N.A. Sloped roof snowload, P_s (1608.4)

Wind loads (1603.1.4, 1609)

C Seismic design category (1616.3)

1609.6 Design option utilized (1609.1.1, 1609.6)

CONCRETE BRACED FRAME Basic seismic-force-resisting system
(Table 1617.8.2)

100 Basic wind speed (1609.3)

5 Response modification coefficient, R , and deflection amplification factor, C_d
(Table 1617.8.2)

CAT. II, $I_w = 1.0$ Building category and wind importance factor, I_w (Table 1604.5, 1609.5)

Simplified Analysis procedure (1616.6, 1617.5)

C Wind exposure category (1609.4)

V=0.0852W Design base shear (1617.4, 1617.5.1)

± 0.18 Internal pressure coefficient (ASCE 7)

N.A. Component and cladding pressures
(1609.1.1, 1609.6.2.2)

22/15 Main force wind pressures (1609.1.1, 1609.6.2.1)

Flood loads (1603.1.6, 1612)

N.A. Flood hazard area (1612.3)

N.A. Elevation of structure

Other loads

Earthquake design data (1603.1.5, 1614 - 1623)

Concentrated loads (1607.4)

Design option utilized (1614.1)

Partition loads (1607.5)

I, CAT. C Seismic use group ("Category")
(Table 1604.5, 1616.2)

Impact loads (1607.8)

SDS = 0.355
SD1 = 0.160 Spectral response coefficients, S_{DS} & S_{D1}

Misc. loads (Table 1607.6, 1607.8.1, 1607.7, 1607.12, 1607.13, 1610)

FOOD TECH

PLANNERS • ENGINEERS • BUILDERS

MEMO

Date: January 19, 2005

To: Michael Nugent, City of Portland Inspection Services
From: David S. Wittliff PE, Food Tech Structures, LLC
CC: Jeff Shorey, Barber Foods
Via: fax

Project: Milliken Warehouse Renovation
Reference: Plans review issues
No. of Pages: cover

Mike,

Thank you for the review time you've spent and the questions contained in your fax of 1-18-05.

We prepared the plans under the following interpretation:

1. The building complies with section 302.2.1, non-separated mixed use group, as the building qualifies under section 507.2 as an unlimited area building, single story, sprinklered which includes use groups F, S and B. The area of the building is not limited and fire separation assemblies between use groups are not required except as required under Table 302.1.1 for incidental uses.
2. Drawing A7.1, rev. A dated 12-02-04 addresses your questions. Two copies are being overnighted to you. It maybe you do not have that plan revision in your review set. That revised plans show 11" treads, 6.95" risers and 4'-0" tread width. Head room is 8'-9" under the landings.
3. We have been lobbying for a revision to the code and commentary on this very issue as it pertains to stairs that provide maintenance access to industrial areas supporting mechanical and electrical equipment. The section you cite 1009.3.2 requires solid risers and has an exception which allow open risers if the stairs are not required to comply with section 1007.3.
 - a. The existing roof has a hatch that qualifies under the exception to section 1009.12.1, therefore this stair provides maintenance access to mechanical equipment only and section 1007.3 does not apply.
 - b. Since the stair qualifies for Section 1009.3.2 exception #1 the riser can be open provided it pertains to the 4" sphere rule. The commentary reviews the reasons for closed risers but allows for open risers in certain situations. We believe the Section 1009.3.2 exception and commentary will be modified in time to recognize the Section 1012.3 exception #2 pertaining to guards and the same modification of the 4" sphere rule contained in Section 1012.5. Applying the 4" sphere rule to stair risers that provide maintenance access to mechanical equipment is not consistent with the Section 1009.3.2 commentary and the exceptions to the

2100 Washington St. Hanover, MA 02339

Tel: (781) 261-9700 Fax: (781) 261-9701

January 19,2005

Page 2

sections of the code that govern guards.

- c. We feel that keeping the risers **open on these** outdoor stairs is **an** important consideration **to** allow the open grip strut treads to remain **free** of **snow**. Closing the risers may cause the accumulation of snow and would certainly hinder snow removal.
4. Table 1015.1 governs the **exit acccss** travel distance, the **storage is S-1 and** the building is sprinklered, travel **distancc** is therefore **250'**. **Compliance** with the **250'** distance is subject to field review to determine the travel path; the drawing may not show that path clearly. Barber Foods proposes to **renovate** this **area in** the near **future** and plans on that **renovation** will be submitted **for** your review. As this area of the building is presently unoccupied we suggest **setting** this issue **aside** pending review of the plans for the proposed renovation **in** the future.