

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that MAINE FIRE PROTECTION
PO Box 1085, Bangor, ME 04402

For installation at 19 BRAMHALL ST
10 Room Lodging House

Job ID: 2011-05-1200-CH OF USE

CBL: 063-A-004-001

has permission to install NFPA 13D sprinkler system in Rooming house
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 the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be


Fire Prevention Officer


Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-05-1200-CH OF USE
install NFPA 13D sprinkler system in
Rooming house

For installation at:
19 BRAMHALL ST
10 Room Lodging House

CBL: 063- A-004-001

Conditions of Approval:

Fire

This sprinkler system is being installed in accordance with NFPA 13D, *Standard for the Installation of Sprinkler Systems in One- or Two-Family Dwellings and Manufactured Homes*.

101:26.3.6.3.1 Activation of the automatic sprinkler system shall actuate the fire alarm system in accordance with Section 9.6.

101:26.3.6.3.3* Systems in accordance with NFPA 13D, *Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes*, shall be permitted where the following requirements are met:

- (1) The lodging or rooming house shall not be part of a mixed occupancy.
- (2) Entrance foyers shall be sprinklered.
- (3) Lodging or rooming houses with sleeping accommodations for more than eight occupants shall be treated as two-family dwellings with regard to the water supply.

13D:6.5.2 In common water supply connections serving more than one dwelling unit, 5 gpm (19 L/min) shall be added to the sprinkler system demand to determine the size of common piping and the size of the total water supply requirements where no provision is made to prevent flow into the domestic water system upon operation of a sprinkler.

A letter of compliance is required at completion of the job.

A separate sprinkler permit is required from the State Fire Marshal's Office.

Sprinkler protection shall be maintained. Where the system is to be shut down for maintenance or repair, the system shall be checked at the end of each day to insure the system has been placed back in service.

System acceptance and commissioning must be coordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.

A Knox Box is required.

Zoning

This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Separate permits shall be required for future decks, sheds, pools, and/or garages.

ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.

This property shall remain a 10 room lodging house with the issuance of this permit and subsequent issuance of a certificate of occupancy. Any change of use shall require a separate permit application for review and approval.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-05-1200-CH OF USE 2011-11169 FAFS	Date Applied: 10/27/2011	CBL: 063- A-004-001	
Location of Construction: 19 BRAMHALL ST	Owner Name: CHARLES DEROUCHE	Owner Address: PO BOX 9715-327 PORTLAND MAINE 04104	Phone:
Business Name:	Contractor Name: Maine Fire Protection	Contractor Address: P.O. Box 1085, Bangor, ME 04402-1085	Phone: 942-8809
Lessee/Buyer's Name:	Phone:	Permit Type: FAFS	Zone: R-6
Past Use: Lodging House with 10 rooms on permit #2011-05-1200	Proposed Use: Same: Lodging House with 10 rooms -to install fire suppression system	Cost of Work: \$12,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type:
		Signature: <i>[Signature]</i> (58)	Signature:
Proposed Project Description: Ch. of use / sf to a 10 room, rooming house		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		Zoning Approval	

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 informatin may invalidate a building permit and stop all work.

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<i>With</i>
<input type="checkbox"/> Wetlands	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Not in Dist or Landmark
<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Does not Require Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Requires Review
<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved
<input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM	<input type="checkbox"/> Denied	<input type="checkbox"/> Approved w/Conditions
Date: <i>OK [Signature]</i>	Date:	<input type="checkbox"/> Denied
CERTIFICATION		<i>Any exterior work Requires a Separate Review? Approval</i>

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 appication 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

Parent # 2011-05-1200
Child 2011-11169



Water-Based Fire Suppression System Permit

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

Installation address: 19 Bramhall St. CBL: 63-A-4

Exact location: (within structure) Entire Structure

Type of occupancy(s) (NFPA & ICC): NFPA 13D Residence

Building owner: Charles DeLouche PO Box 9715-327 Portland 04109

Managing Supervisor (RMS): Christopher Mahoux License No: 789

Supervisor phone: (207) 942-8809 E-mail: Cmahoux@metfirepro.com

Installing contractor: PD INDUSTRIES License No: #1

Contractor phone: (207) 942 8809 E-mail: Service@metfirepro.com

The suppression work to be done will be: New: Renovation: Addition to existing system:

This is an amendment to an existing permit: Yes: NO: Permit no: _____

NFPA Standard this system is designed to: 13D Edition: 2007

*Non-NFPA systems are not approved for use within the City of Portland.

Download a new copy of this document from www.portlandmaine.gov/fire for every submittal. Attach all working documents and complete approved submittals as may be required by the State Fire Marshal's Office on electronic PDF's in addition to full sized plans.

Contractor shall verify location and type of all FDCs shall be approved in writing by the Fire Prevention Bureau.

COST OF WORK: <u>\$12,000</u>
PERMIT FEE: <u>140</u>
<small>(\$10 PER \$1,000 + \$30 FOR THE FIRST \$1,000)</small>

RECEIVED
OCT 27 2011
Dept of Building Inspections
City of Portland Maine

Submit all information to the Building Inspections Department, 389 Congress Street, Room 315, Portland, Maine 04101.

Prior to acceptance of any fire protection system, a complete commissioning and acceptance test must be coordinated with all fire system contractors and the Fire Department, and proper documentation of such test(s) provided.

All installation(s) must comply with NFPA and the Fire Department Technical Standard(s).

Applicant signature: [Signature] Date: 10-19-11



State of Maine
Department of Public Safety
Fire Sprinkler System Permit



9682

19 Bramhall Street

Located at: 19 Bramhall Street
 In the Town of: Portland
 Occupancy/Use: Apartments
 Type of System: NFPA 13D

Permission is hereby given to:

,
 Contractor License #

to begin installation according to plans submittal approved by the Office of State Fire Marshal. The submittal is filed under log # 2111176 , and no departure from the application submittal shall be made without prior approval in writing. This permit is issued under the provisions of Title 32, Chapter 20, Section 12004-I. Nothing herein shall excuse the holder of this permit from failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions. This permit shall be displayed at the construction site or be made readily available.

This permit was issued on 10/11/2011 for a fee paid of \$125.00

This permit will expire at midnight on Sunday, April 08, 2012

The expiration date applies only if the installation has not begun by that date and no permission has been granted to extend the date. Once installation begins, then the permit is valid for however long it takes to complete the installation, assuming that the work is fairly continuous.

John E. Morris
 Commissioner

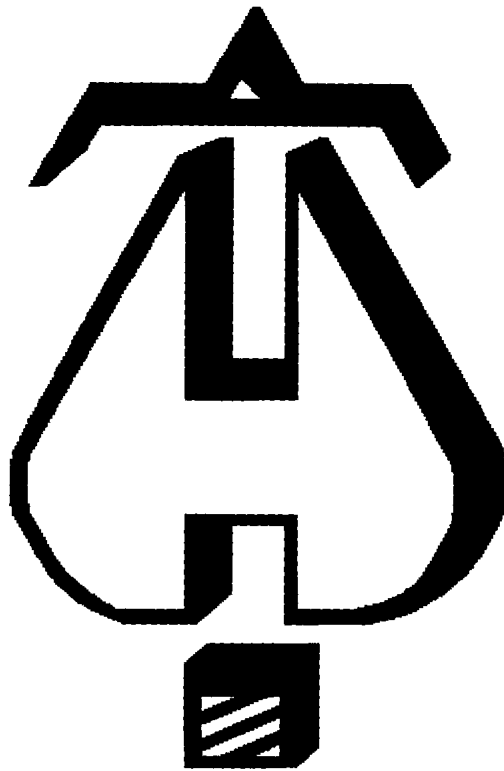
The type of Fire Department Connection and its location is to be according to the Local Fire Department

Within 30 days of the completion of a new fire sprinkler system or an addition to an existing fire sprinkler system, a fire sprinkler system contractor shall provide to the Office of State Fire Marshal a copy of this permit signed and dated by the certified Responsible Managing Supervisor representing that the fire sprinkler system has been installed according to specifications of the approved plan to the best of the supervisor's knowledge, information, and belief. This requirement is part of the sprinkler law, and neglect of this duty is grounds to not renew the contractor's license to do work in the State of Maine. All renewed sprinkler licenses are good for two years and expire on a June 30th.

Job completed, tested and verified by date of _____

RMS for this job: Christopher E Maheux

RMS Signature: _____



... Fire Protection by Computer Design

Maine Fire Protection
P.O. Box 1050
Bangor, ME 04401
(207) 942-8809

Job Name : Charles DeRoche Building, 19 Bramhall St., Portland, ME
Drawing :
Location :
Remote Area :
Contract :
Data File : 19bramhall.wx1

Water Supply Curve (C)

Maine Fire Protection
Charles DeRoche Building, 19 Bramhall St., Portland, ME

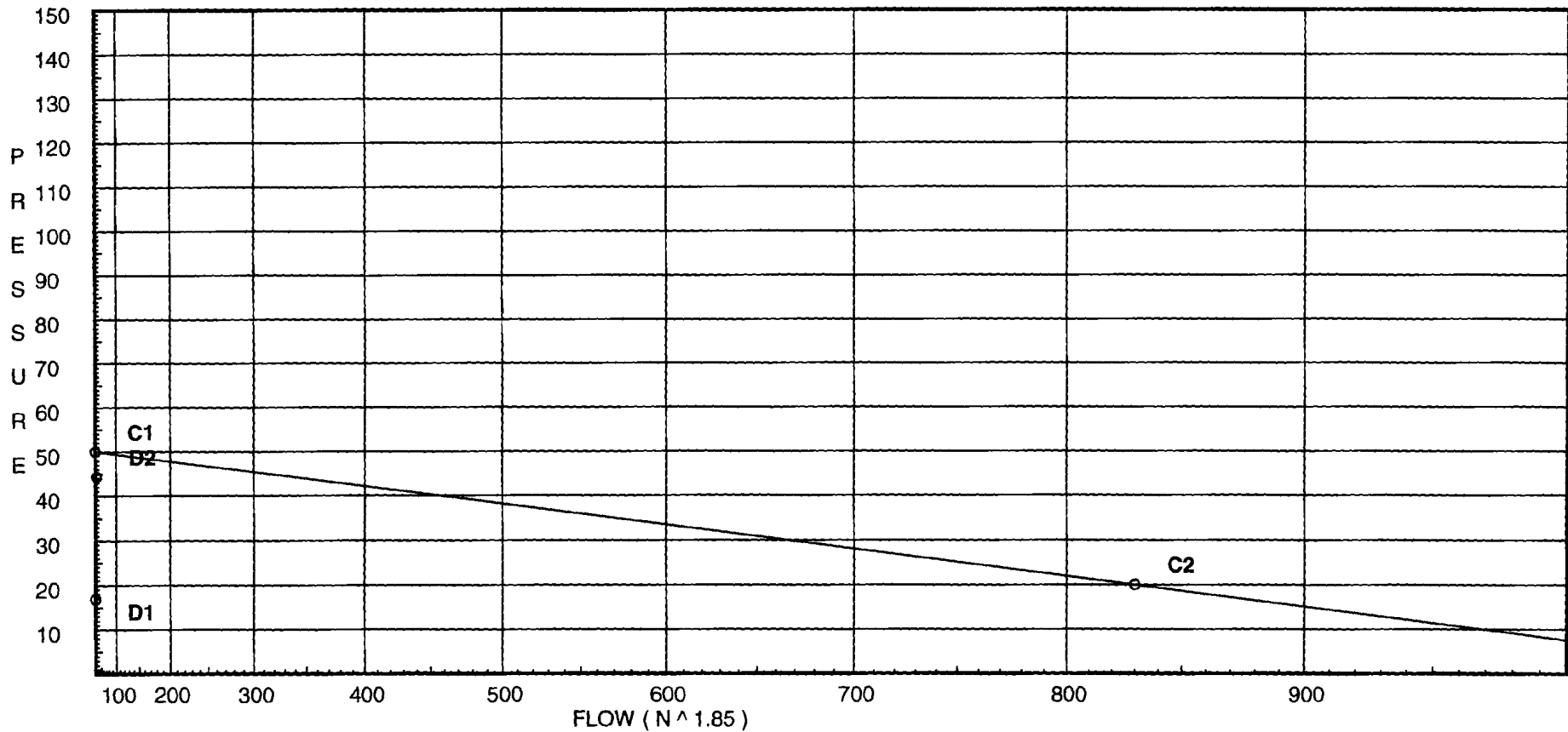
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Date 5-5-11

City Water Supply:

C1 - Static Pressure : 50
C2 - Residual Pressure: 20
C2 - Residual Flow : 830

Demand:

D1 - Elevation : 16.891
D2 - System Flow : 22.297
D2 - System Pressure : 44.319
Hose (Demand) : _____
D3 - System Demand : 22.297
Safety Margin : 5.644



Fittings Used Summary

Maine Fire Protection
Charles DeRoche Building, 19 Bramhall St., Portland, ME

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Fitting Legend		½	¾	1	1¼	1½	2	2½	3	3½	4	5	6	8	10	12	14	16	18	20	24	
Abbrev.	Name																					
E	NFPA 13 90' Standard Elbow	1	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61	
Fsp	Flow Switch Potter VSR	Fitting generates a Fixed Loss Based on Flow																				
T	NFPA 13 90' Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121	
Zwa	Watts 007	Fitting generates a Fixed Loss Based on Flow																				

Units Summary

Diameter Units Inches
Length Units Feet
Flow Units US Gallons per Minute
Pressure Units Pounds per Square Inch

Note: Fitting Legend provides equivalent pipe lengths for fittings types of various diameters. Equivalent lengths shown are standard for actual diameters of Sched 40 pipe and CFactors of 120 except as noted with *. The fittings marked with a * show equivalent lengths values supplied by manufacturers based on specific pipe diameters and CFactors and they require no adjustment. All values for fittings not marked with a * will be adjusted in the calculation for CFactors of other than 120 and diameters other than Sched 40 per NFPA.

Pressure / Flow Summary - STANDARD

Maine Fire Protection
Charles DeRoche Building, 19 Bramhall St., Portland, ME

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Node No.	Elevation	K-Fact	Pt Actual	Pn	Flow Actual	Density	Area	Press Req.
1	39.0	4.2	7.0	na	11.11	0.1	110	7.0
2	39.0	4.2	7.09	na	11.19	0.1	110	7.0
3	39.0		7.76	na				
4	39.0		8.18	na				
TOR	9.0		21.35	na				
5	9.0		22.07	na				
TOSR	4.0		24.87	na				
BFP	2.0		28.99	na				
BASE	0.0		34.01	na				
UNG	0.0		35.68	na				
TEST	0.0		44.32	na				

The maximum velocity is 14.78 and it occurs in the pipe between nodes UNG and TEST

Final Calculations - Hazen-Williams

Maine Fire Protection
 Charles DeRoche Building, 19 Bramhall St., Portland, ME

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 Date 5-5-11

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv. Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	*****	Notes	*****
1	11.11	1.38		8.000	7.000			K Factor = 4.20	
to		120.0	0.0	0.0	0.0				
2	11.11	0.0115		8.000	0.092			Vel = 2.38	
2	11.19	1.38		16.000	7.092			K Factor = 4.20	
to		120.0	0.0	0.0	0.0				
3	22.3	0.0419		16.000	0.670			Vel = 4.78	
3	0.0	1.38		10.000	7.762				
to		120.0	0.0	0.0	0.0				
4	22.3	0.0418		10.000	0.418			Vel = 4.78	
4	0.0	1.61	1E 4.0	5.000	8.180				
to		120.0	0.0	4.000	12.993				
TOR	22.3	0.0198		9.000	0.178			Vel = 3.51	
TOR	0.0	1.682	3E 14.849	30.000	21.351				
to		120.0	0.0	14.849	0.0				
5	22.3	0.0160		44.849	0.716			Vel = 3.22	
5	0.0	1.682	3E 14.849	15.000	22.067				
to		120.0	1T 9.9	24.749	2.166				
TOSR	22.3	0.0160		39.749	0.634			Vel = 3.22	
TOSR	0.0	1.61	1Fsp 0.0	5.000	24.867				
to		120.0	1T 8.0	8.000	3.866			* Fixed loss = 3	
BFP	22.3	0.0198		13.000	0.257			Vel = 3.51	
BFP	0.0	1.61	1Zwa 0.0	2.000	28.990				
to		120.0	0.0	0.0	4.982			* Fixed loss = 4.116	
BASE	22.3	0.0200		2.000	0.040			Vel = 3.51	
BASE	0.0	1.101		20.000	34.012				
to		150.0	0.0	0.0	0.0				
UNG	22.3	0.0832		20.000	1.664			Vel = 7.51	
UNG	0.0	0.785		20.000	35.676				
to		150.0	0.0	0.0	0.0				
TEST	22.3	0.4322		20.000	8.643			Vel = 14.78	
	0.0								
	22.30				44.319			K Factor = 3.35	



Certificate of Occupancy



CITY OF PORTLAND, MAINE

Department of Planning and Urban Development
Building Inspections Division

Location: 19 BRAMHALL ST

CBL: 063- A-004-001

Issued to: NEW EARTH ASSOCIATES LLC

Date Issued: 5/1/2012

This is to certify that the building, premises, or part thereof, at the above location, built-altered-changed as to use under Building Permit No. 2011-05-1200-CH OF USE, has had a final inspection, has been found to conform substantially to the requirements of the Building Code and the Land Use Code of the City of Portland, and is hereby approved for occupancy or use, limited or otherwise, as indicated below.

PORTION OF BUILDING OR PREMISES

ENTIRE

APPROVED OCCUPANCY

USE GROUP R-3, TYPE 5-B, IBC 2009

Approved:
5-1-2012

(Date)

Inspector

Inspections Division Director

Notice: This certificate identifies the legal use of the building or premises, and ought to be transferred from owner to owner upon the sale of the property.