

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING DEPARTMENT

PERMIT

Permit Number: 090638

Please Read
Application And
Notes, If Any,
Attached

This is to certify that OLD PORT RETAIL HOLDING LLC / E Protectionhas permission to Install a Type 12 Wet Design sprinkler systemAT 42 WHARF ST

CB 032 V015001

provided that the person or persons, firm or corporation accounting 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 lathed or otherwise worked-in. 24 HOURS 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. CAPT. R. Sullivan

Health Dept. _____

Appeal Board _____

Other _____

Department Name

PERMIT ISSUED

JUN 23 2009

CITY OF PORTLAND

PENALTY FOR REMOVING THIS CARD

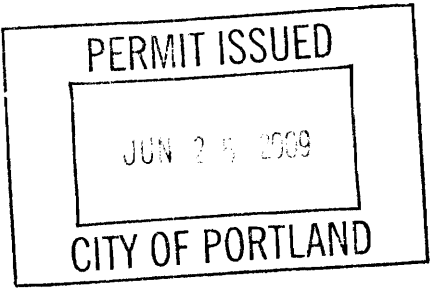
Director - Building & Inspection Services

[Signature] 6/23/09

City of Portland, Maine - Building or Use Permit Application
389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0638		Issue Date:		CBL: 032 V015001					
Location of Construction: 42 WHARF ST		Owner Name: OLD PORT RETAIL HOLDINGS		Owner Address: 101 RICHARDSON ST		Phone:			
Business Name:		Contractor Name: Eastern Fire Protection Co., Inc.		Contractor Address: 170 Kittyhawk Ave., PO Box Auburn		Phone 2077841507			
Lessee/Buyer's Name		Phone:		Permit Type: Sprinkler Systems		Zone: B-3			
Past Use: Commercial - Multi-use		Proposed Use: Commercial - Multi-use - Install a Type 12 Wet Design sprinkler systems		Permit Fee: \$230.00		Cost of Work: \$21,000.00		CEO Dist: 1	
Proposed Project Description: Install a Type 12 Wet Design sprinkler systems		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied * See Conditions		INSPECTION: Use Group: A-2 Type: FIRE SPRINKLERS					
		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: 06/18/2009		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 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: 6/19/09	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 checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 6/19/09
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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



**PORTLAND FIRE DEPARTMENT
Sprinkler Plan Review Request Form**

CBL#: _____ Date: 5/08/09
Fire Marshal's Permit No: 8615

Address of Property where
Alarm System will be Installed:

42 WHARF STREET
Property Owner: BOULOS PROPERTY MANAGEMENT Phone No: 871-1290
Owner's Address: ONE CANAL PLAZA Fax No: 772-2647
PORTLAND, ME 04101 Email: pureneck@boulos.com

Contractor Name: EASTERN FIRE PROTECTION Phone: 784-1507
Address: 170 KITTY HAWK AVE. Fax No: 782-0566
AUBURN, ME 04210 Email: beauchrc@teamaster.com

Type of System: ☒ 13 ☐ 13D ☐ 13R ☐ Life Safety ☐
System Design: ☒ Wet ☐ Dry ☐ Pre-Action ☐ Deluge ☐

Number and Location of Zones: ONE ZONE - WET SPRINKLER
SYSTEM - SYSTEM CONTROL VALVE LOCATED IN
BASEMENT OASIS BAR.

System Monitoring: ☒ Water Flow ☐ Tamper ☐ Low Air

All sprinkler plans must be reviewed and approved by the State Fire Marshal prior to submission to the Portland Fire Department.

All sprinkler systems must meet or exceed the requirements of NFPA and the Portland Fire Department Sprinkler Ordinance, Chapter 305.

Sprinkler plans, including all applicable hydraulic calculations, must be submitted 10 days prior to scheduled meeting.

Fire Department Use Only

Applicant: _____ Date: _____
Fire Chief: _____ Date: _____
FD HTE #: _____



EASTERN FIRE PROTECTION

P.O. Box 1390
Kittyhawk Ave.
Auburn, ME 04210

PH # (207) 784-1507
FAX # (207) 782-0566

LETTER OF TRANSMITTAL

DATE	6/16/09	JOB NO.	AU-4387
ATTENTION	LANNIE DOBSON		
RE:			
42 WHARF STREET			
PORTLAND, ME			

TO INSPECTIONS DIVISION

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

☒ Shop drawings ☐ Descriptive data ☒ Hydraulic calculations
☐ Copy of letter ☐ Literature ☐ _____

QUANTITY	DRAWING NO.	DATE	DESCRIPTION	STATUS
1	10F1	5/06/09	SPRINKLER DRAWING	C
1			HYDRAULIC CALCULATION	C
1			MAINE STATE FIRE MARSHAL PERMIT	
1			SPK. PLAN REVIEW REQUEST FORM	
1			CHECK FOR PERMIT #230 ^{CO}	

Status code A. Approved D. Corrected & resubmitted
 B. Approved as noted E. For your files
 C. Submitted for approval F. Refer to remarks

Please return 1 ^{PERMIT} ~~COPIES~~ each indicating your approval and/or comments.

REMARKS

COPY TO _____ SIGNED Bob Beauchemin

If enclosures are not as noted, kindly notify us at once

City of Portland, Maine - Building or Use Permit 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716		Permit No: 09-0638	Date Applied For: 06/18/2009	CBL: 032 V015001
Location of Construction: 42 WHARF ST	Owner Name: OLD PORT RETAIL HOLDINGS	Owner Address: 101 RICHARDSON ST		Phone:
Business Name:	Contractor Name: Eastern Fire Protection Co., Inc.	Contractor Address: 170 Kittyhawk Ave., PO Box Auburn		Phone (207) 784-1507
Lessee/Buyer's Name	Phone:	Permit Type: Sprinkler Systems		
Proposed Use: Commercial - Multi-use - Install a Type 12 Wet Design sprinkler systems		Proposed Project Description: Install a Type 12 Wet Design sprinkler systems		
Dept: Historic Status: Approved with Conditions Reviewer: Scott Hanson Approval Date: 06/19/2009 Note: Ok to Issue: <input checked="" type="checkbox"/> 1) Cobbled street to be restored after digging.				
Dept: Zoning Status: Approved with Conditions Reviewer: Ann Machado Approval Date: 06/19/2009 Note: Ok to Issue: <input checked="" type="checkbox"/> 1) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District. 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: Approval Date: Ok to Issue: <input type="checkbox"/> Note:				
Dept: Fire Status: Approved with Conditions Reviewer: Capt Keith Gautreau Approval Date: 06/19/2009 Note: Ok to Issue: <input checked="" type="checkbox"/> 1) 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. 2) The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance. Compliance letters are required. 3) Any cutting or welding operations require a seperate permit from the Fire dept. 4) The sprinkler system shall be installed in accordance with NFPA 13.				



State of Maine
Department of Public Safety
Fire Sprinkler System Permit



8615

42 WHARF STREET

Located at: 42 Wharf Street
In the Town of: Portland
Occupancy/Use: restaurant/entertainment
Type of System: NFPA 13

Permission is hereby given to:

Eastern Fire Protection
PO Box 1390
Auburn, ME 04211390
Contractor License # 101

according to plans submittal filed with the Licensing and Inspections Unit and are now approved.
This application form/plans are filed under log # 2091174 , and no departure from application form/plans shall be made without prior approval in writing. This permit is issued under the provisions of Title 32, Chapter 20, Section 12004-l. Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions. Each permit issued shall be displayed/available at the site of construction.

This permit was issued on 5/11/2009 for a fee paid of \$148.00

This permit will expire at midnight on Saturday, November 07, 2009

Anne H. Jordan
Commissioner

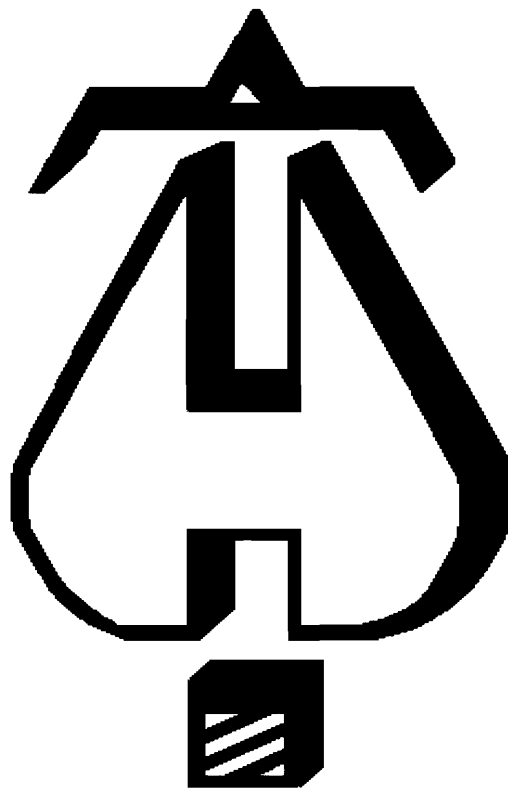
Fire Department Connection Location/Type per Local Fire Department

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 Licensing and Inspections Unit 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 sprinkler licenses expire June 30th every year.

Job completed, tested and verified on date of _____

RMS for this job: Flynt William A.

RMS Signature: _____



... Fire Protection by Computer Design

EASTERN FIRE PROTECTION
170 KITTY HAWK AVE
P.O. BOX 1390
AUBURN, MAINE 04210
207-784-1507

Job Name : 42 WHARF (HALL)
Building : 1 OF 1
Location : PORTLAND, MAINE
System : 1
Contract : AU-4387-09
Data File : 4387 WHARF HALL.WXF

HYDRAULIC CALCULATIONS
for

Project name: 42 WHARF STREET
Location: PORTLAND, MAINE
Drawing no: 1 OF 1
Date: 05/06/09

Design

Remote area number: 1
Remote area location: EXISTING HALL
Occupancy classification: COMMERCIAL USE
Density: .2 - Gpm/SqFt
Area of application: 983 - SqFt
Coverage per sprinkler: 126.800 - SqFt
Type of sprinklers calculated: TYCO TY-FRB 1/2" K=5.6
No. of sprinklers calculated: 10
In-rack demand: - GPM
Hose streams: 250 - GPM
Total water required (including hose streams): 564.525 - GPM @ 95.55 - Psi
Type of system: WET
Volume of dry or preaction system: - Gal

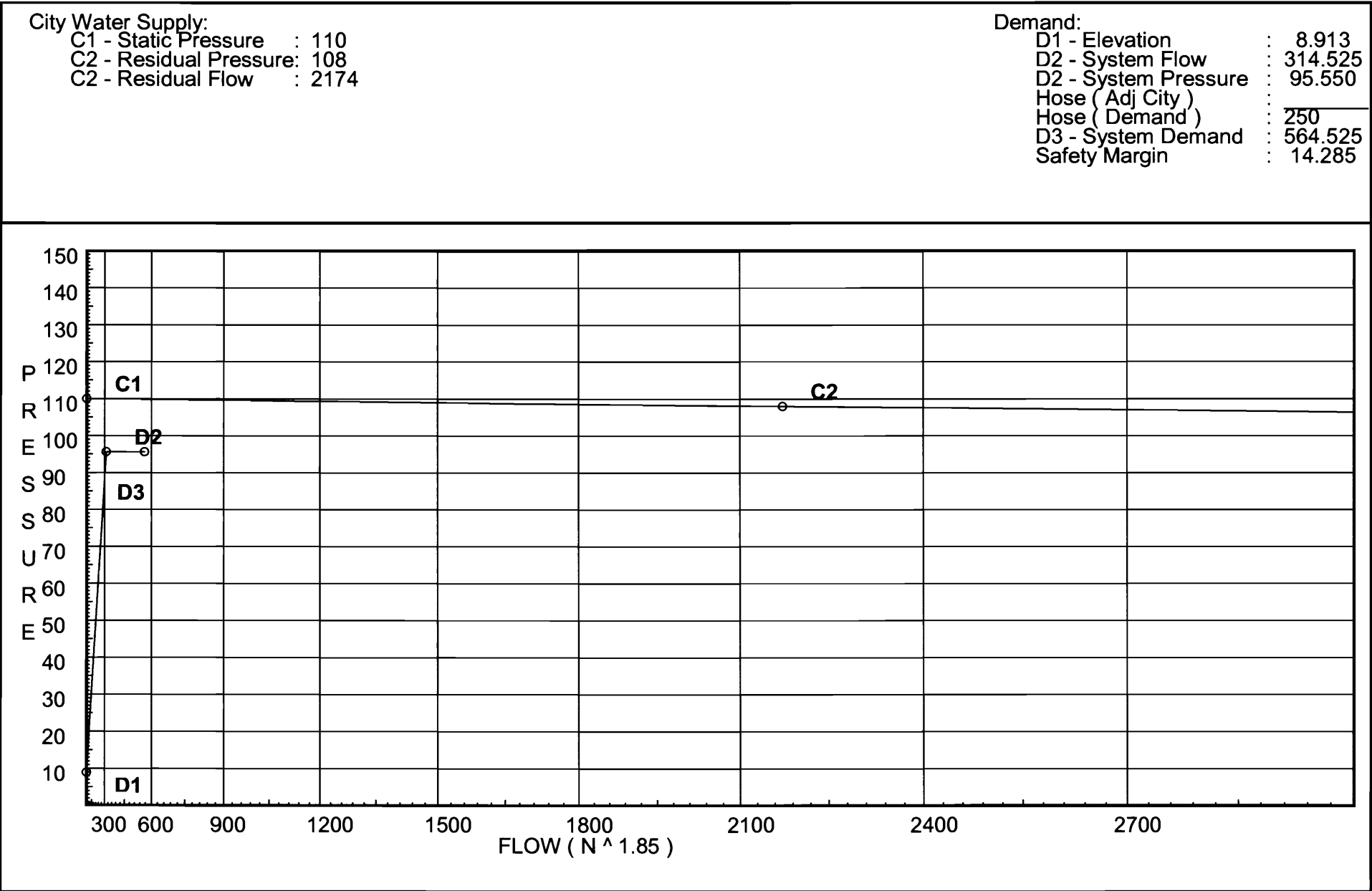
Water supply information

Date: 05/04/09
Location: COMMERCIAL & UNION STREETS
Source: PORTLAND WATER DISTRICT

Name of contractor: EASTERN FIRE PROTECTION
Address: 170 KITTY HAWK AVE / P.O. BOX 1390 / AUBURN, MAINE 04210
Phone number: 207-784-1507
Name of designer: RCB
Authority having jurisdiction: MAINE STATE FIRE MARSHAL
Notes: (Include peaking information or gridded systems here.)
REMOTE AREA REDUCED PER NFPA #13 SECTION 11.2.3.2.3.1

Water Supply Curve (C)

EASTERN FIRE PROTECTION
42 WHARF (HALL)



Fittings Used Summary

EASTERN FIRE PROTECTION
42 WHARF (HALL)

Page 3
Date

Fitting Legend																					
Abbrev.	Name	½	¾	1	1¼	1½	2	2½	3	3½	4	5	6	8	10	12	14	16	18	20	24
E	90' Standard Elbow	2	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61
G	Generic Gate Valve	0	0	0	0	0	1	1	1	1	2	2	3	4	5	6	7	8	10	11	13
I	90' Ell Grvd-Vic #10	0	0	2	3	4	3.5	6	5	8	7	8.5	10	13	17	20	23	25	33	36	40
J	90'Tee-Branch Grv Vic#20	0	0	4.5	6	8	8.5	10.8	13	17	16	21	25	33	41	50	65	78	88	98	120
T	90' Flow Thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121
Z	Generic Flow Switch	2	2	2	3	4	5	6	7	8	10	12	14	18	22	27	35	40	45	50	61

Units Summary

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

SUPPLY ANALYSIS

<i>Node at Source Pressure</i>	<i>Static Pressure</i>	<i>Residual Pressure</i>	<i>Flow</i>	<i>Available Pressure</i>	<i>Total Demand</i>	<i>Required</i>
TEST	110.0	108	2174.0	109.835	564.52	95.55

NODE ANALYSIS

<i>Node Tag</i>	<i>Elevation</i>	<i>Node Type</i>	<i>Pressure at Node</i>	<i>Discharge at Node</i>	<i>Notes</i>
DRP	0.0	5.6	7.0	14.82	
1	115.58	5.6	20.51	25.36	
2	115.58	5.6	23.05	26.88	
3	115.58	5.6	32.72	32.03	
4	115.58		38.88		
6	115.58	5.6	20.58	25.4	
7	115.58	5.6	23.12	26.93	
8	115.58	5.6	32.83	32.08	
9	115.58		39.01		
11	114.17	5.6	48.28	38.91	
13	115.17	5.6	39.64	35.26	
14	115.17	5.6	40.59	35.68	
15	115.17	5.4	44.35	35.99	K=K @ LN
5	115.17		46.32		
10	115.17		46.46		
12	115.17		50.6		
16	115.17		51.5		
17	115.17		60.83		
TOR	101.96		82.75		
BOR	98.25		87.19		
BASE	98.25		93.5		
MAIN	95.0		95.13	250.0	
TEST	95.0		95.55		

EASTERN FIRE PROTECTION
42 WHARF (HALL)

Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv.	Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
DRP to LN	0 0	5.60	14.82 14.82	1 1.049	1T	5.0 0.0 0.0	1.920 5.000 6.920	120 0.0747	7.000 0.0 0.517			Vel = 5.50
LN			0.0 14.82						7.517		K Factor =	5.41
1 to 2	115.580 115.580	5.60	25.36 25.36	1 1.049		0.0 0.0 0.0	12.580 0.0 12.580	120 0.2019	20.508 0.0 2.540		Vel =	9.41
2 to 3	115.580 115.580	5.60	26.88 52.24	1 1.049		0.0 0.0 0.0	12.580 0.0 12.580	120 0.7688	23.048 0.0 9.672		Vel =	19.39
3 to 4	115.580 115.580	5.60	32.04 84.28	1.25 1.38		0.0 0.0 0.0	12.580 0.0 12.580	120 0.4898	32.720 0.0 6.162		Vel =	18.08
4 to 5	115.580 115.170		0.0 84.28	1.5 1.61	1E 1T	4.0 8.0 0.0	19.400 12.000 31.400	120 0.2312	38.882 0.178 7.259		Vel =	13.28
5			0.0 84.28						46.319		K Factor =	12.38
6 to 7	115.580 115.580	5.60	25.40 25.4	1 1.049		0.0 0.0 0.0	12.580 0.0 12.580	120 0.2025	20.576 0.0 2.548		Vel =	9.43
7 to 8	115.580 115.580	5.60	26.93 52.33	1 1.049		0.0 0.0 0.0	12.580 0.0 12.580	120 0.7712	23.124 0.0 9.702		Vel =	19.43
8 to 9	115.580 115.580	5.60	32.09 84.42	1.25 1.38		0.0 0.0 0.0	12.580 0.0 12.580	120 0.4913	32.826 0.0 6.180		Vel =	18.11
9 to 10	115.580 115.170		0.0 84.42	1.5 1.61	1E 1T	4.0 8.0 0.0	19.400 12.000 31.400	120 0.2319	39.006 0.178 7.281		Vel =	13.30
10			0.0 84.42						46.465		K Factor =	12.38
11 to 12	114.170 115.170	5.60	38.91 38.91	1.5 1.61	3E 2T	12.0 16.0 0.0	21.790 28.000 49.790	120 0.0553	48.275 -0.433 2.755		Vel =	6.13
12			0.0 38.91						50.597		K Factor =	5.47
13 to 14	115.170 115.170	5.60	35.26 35.26	1.25 1.38		0.0 0.0 0.0	9.750 0.0 9.750	120 0.0976	39.638 0.0 0.952		Vel =	7.56

EASTERN FIRE PROTECTION
42 WHARF (HALL)

Node1 to Node2	Elev1 Elev2	K Fact	Qa Qt	Nom Act	Fitting or Eqv.	Ln.	Pipe Ftng's Total	CFact Pf/Ft	Pt Pe Pf	*****	Notes	*****
14 to 15	115.170 115.170	5.60	35.67 70.93	1.5 1.61	2E	8.0 0.0	14.370 8.000	120	40.590 0.0			
15 to 16	115.170 115.170	5.4	35.99 106.92	1.5 1.61	1T	8.0 0.0	11.900 8.000	120	44.350 0.0	Vel = 11.18		
16	115.170		0.0 106.92						51.496		K Factor = 14.90	
5 to 10	115.170 115.170		84.28 84.28	2.5 2.635		0.0 0.0	6.940 0.0	120	46.319 0.0			
10 to 12	115.170 115.170		84.41 168.69	2.5 2.635	4I	32.948 0.0	21.580 32.948	120	46.465 0.0	Vel = 4.96		
12 to 16	115.170 115.170		38.91 207.6	2.5 2.635		0.0 0.0	8.080 0.0	120	50.597 0.0	Vel = 9.92		
16 to 17	115.170 115.170		106.92 314.52	3 3.26	2I 1J	13.44 17.471	78.710 30.911	120	51.496 0.0	Vel = 12.21		
17 to TOR	115.170 101.960		0.0 314.52	3 3.26	10I 1T	67.198 20.159	103.000 87.357	120	60.825 5.721	Vel = 12.09		
TOR to BOR	101.960 98.250		0.0 314.52	3 3.26	1T 1Z	20.159 9.408	3.710 29.567	120	82.746 1.607			
BOR to BASE	98.250 98.250		0.0 314.52	3 3.26	1E	9.408 0.0	6.000 9.408	120	87.185 5.000	Vel = 12.09		
BASE to MAIN	98.250 95		0.0 314.52	6 6.16	1E 1T	20.084 4.304	12.000 67.425	140	93.496 1.408	* Fixed loss = 5 Vel = 12.09		
MAIN to TEST	95 95	H250	250.00 564.52	8 8.27	1T	55.354 0.0	150.000 55.354	140	95.133 0.0	Vel = 3.39		
TEST	95		0.0 564.52			0.0	205.354	0.0020	0.417	Vel = 3.37		
TEST									95.550		K Factor = 57.75	