Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

E

PERMIT	Permit Number: 040683
z/Dave Jol	
ed w/one this 16' x	
	. 198 B013001
tes of Name and of the	epting this permit shall comply with all ences of the City of Portland regulating tures, and of the application on file in
N ication inspect must gi and wr in permis in pro- be e this to ding or it there land or of the closed-in H R NOTICE IS REQUIRED.	A certificate of occupancy must be procured by owner before this building or part thereof is occupied.
AND PENALTY FOR REMOVING TH	Director Building & Tespection Services #IS CARD
	ed w/one this 16' x ersons, mor ration ne and of the of buildings and structure and under the permission problem that do or of the land or o

			[n	PEWITI	SSED	
City of Portland, Mai				Issue Date:		013001
389 Congress Street, 041		, Fax: (20/) 8/4-8/1	.0	JUN 1 8	8 <u>/ UU4</u>	013001
Location of Construction:	Owner Name: Brooks Robert	. C 9.	Owner Address: 134 Fenway St		Phone:	
134 Fenway St Business Name:	Contractor Name		Contractor Address	ATY OF PY	ORTI AND Phone	
Dusiness Name.	Į	Dave Johnson		17 Laskey Rd. Windham		6904
Lessee/Buyer's Name	Phone:		Permit Type:			Zone:
			Additions - Dwe	ellings		85
Past Use:	Proposed Use:		Permit Fee:	Cost of Work	k: CEO District:	
Single family w/16'4" x 8'5 shed/boathouse	" Single family, whose that is 1	replace existing shed		\$	50.00 3	
shed coathouse	wione that is i	10 x 0	FIRE DEPT:	Approved	INSPECTION: Use Group	Type: U
			1	Denied	2 3 (accessory
					BOLA 1	999
			1		BUCA	1'
replace existing shed w/one	e that is 16'x 8'				anni	
			PEDESTRIAN ACT	IVITIES DIST	RICT (P.A.D.)	
			Action: Appro	oved App	roved w/Conditions	Denied
			Signature:		Date:	
Permit Taken By:	Date Applied For:		Zonin	g Approva	1	
kwd	05/27/2004	Constal Zero Dest	7	ing Annual	Historic Pr	
	n does not preclude the eting applicable State and	Special Zone or Revi	15' Varian	ing Appeal		rict or Landmark
2. Building permits do no		Wetland &	Miscel	laneous	Does Not I	Require Review
	oid if work is not started of the date of issuance.	Flood Zone	Conditi	ional Use	Requires R	eview
False information may permit and stop all wo	invalidate a building	Subdivision 250	Interpr	etation	Approved	
		Site Plan RIME	Approv	ved	Approved	w/Conditions
		Maj Minor MM	Denied		Denied.	1.
		Date: 6 17 84	.late:		Date: 6/17	1/04
		• ;			/ /	'
I hereby certify that I am the I have been authorized by the furisdiction. In addition, if a shall have the authority to exact permit.	ne owner to make this appla a permit for work described	ication as his authorized in the application is i	he proposed work in dagent and I agree ssued, I certify that	to conform t the code offi	to all applicable law icial's authorized rep	rs of this presentative
SIGNATURE OF APPLICANT		ADDRES	S	DATE	РН	IONE
RESPONSIBLE PERSON IN CH	ARGE OF WORK, TITLE			DATE	DU	IONE

	- Building or Use Permit	t	Permit No:	Date Applied For:	CBL:
389 Congress Street, 04101	Tel: (207) 874-8703, Fax: ((207) 874-871 <u>6</u>	04-0683	05/27/2004	198 B013001
Location of Construction:	Owner Name:	0	wner Address:		Phone:
134 Fenway St	Brooks Robert C &		34 Fenway St		
Business Name:	Contractor Name:	C	ontractor Address:		Phone
	Dave Johnson	1	7 Laskey Rd. Wii	ndham	(207) 774-6904
Lessee/Buyer's Name	Phone:		ermit Type: Additions - Dwell	ings	•
Proposed Use:		Proposed	Project Description:		
Single family, replace existing	shed w/one that is 16'x 8'	replace	existing shed w/o	ne that is 16'x 8'	
Note:					Ok to Issue:
	lain forms shall be appropriately	y filled out, signe	d and returned pri	or to the issuance of	On to issue.
occupancy or completion of	of the job.				
occupancy or completion of	of the job. ved on the basis of plans submi	tted. Any deviation	ons shall require a	separate approval t	pefore starting that

	15-16-11-2 15-16-11-2 16-16-11-2	Q	Q	100 PM	CBL	State	Permit Nbr 04-0683		
		06/17/2004	Comment Date		CBL 198 B013001	Status Open	04-0683	Pmt	A STATE OF THE STA
	Name Itmm	Owner is aw rebuilt within w/the flood	Comment				location	Text93	
	m	Owner is aware that structure is in shoreland and flood plain. The structure is non-conforming and will be rebuilt within days of being forn down. A 30% expansion is approved under this permit and it will comply w/the flood plain reg's of 1" per 1" of opening under the structure and will be on sauna tubes and built			District Nbr	Permit Type	Location of Construction	28716	
		e is in shore om down, , oer 1' of op			3	Addition	134	20 C C C Commence C C C Commence C C C C C C C C C C C C C C C C C C C	The second secon
	Follow Up Date	land and fi 1 30% expc ening unde			Estimated Cost	Additions - Dwellings	Fenway St	Control of the Contro	
	Date [ood plain. Insion is ap In the struc			180	gs		Constr Type	The second secon
		The structu proved und ture and w			\$0.00			New	The state of the s
	Ca	re is non c der this per the on sa		ind Vo.	Date	Z		Numi	
	Completed	onforming mit and It una tubes	The second second		Date Closed	Issue Date	Appl. Date		
		ling and will be d It will comply bes and buillt				06/17/2004	05/27/2004	40683	A COLUMN TO A COLU
		Y O		State of the state		204	304		

04-0683

All Purpose Building Permit Application

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

Ч	
Total Square Footage of Proposed Structure	Square Footage of Lot
^	
	٤
N/A (207)	Robert C. Brooks 174 Fermany St. Portand, MEDYIOZ Fee: \$ 66.00
Current use: Small shed in Shoreland zone (u	
If the location is currently vacant, what was prior use: _	James James Company
Approximately how long has it been vacant:	MAY 2 6 2004
Approximately how long has it been vacant: Continued use as Proposed use: Small shed in shore land zor Project description: 28.7 % expansion of In Volume (height) to	shed. Decrease in floor site; increase standing level. See attached for expansion data
Contractor's name, address & telephone: Dave John 17 Luskey in Who should we contact when the permit is ready: Malling address: 134 Ferway St., for the	Non Building/Remodeling, Inc. Rd., windham ME 04062 Mithele Brooks 774-6904 or
We will contact you by phone when the permit is ready review the requirements before starting any work, with a and a \$100.00 fee if any work starts before the permit is	/. You must come In and pick up the permit and a Plan Reviewer. A stop work order will be issued
THE REQUIRED INFORMATION IS NOT INCLUDED IN THE S	

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 APROVE 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 aliapplicable laws of his jurisdiction. In addition, I a permit for work described in this application is issued, I certify that the CodeOfficial'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:	The chily of	nu	Date: 5 2	0/04
			·	

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

Maine Floodplain Management

Decision Tree for Floodplain Permits

Is the development in the floodplain as shown on the Community's flood map?

If yes, go to page 2.

If no, no flood hazard permit required.

If the development is in the Special Flood Hazard Zone A, A1-30, AE but not in the floodway¹ go to page 3.

If the development is in the Floodway go to page 4.

If the development is in a V, V1-30 or VE Zone go to page 5.

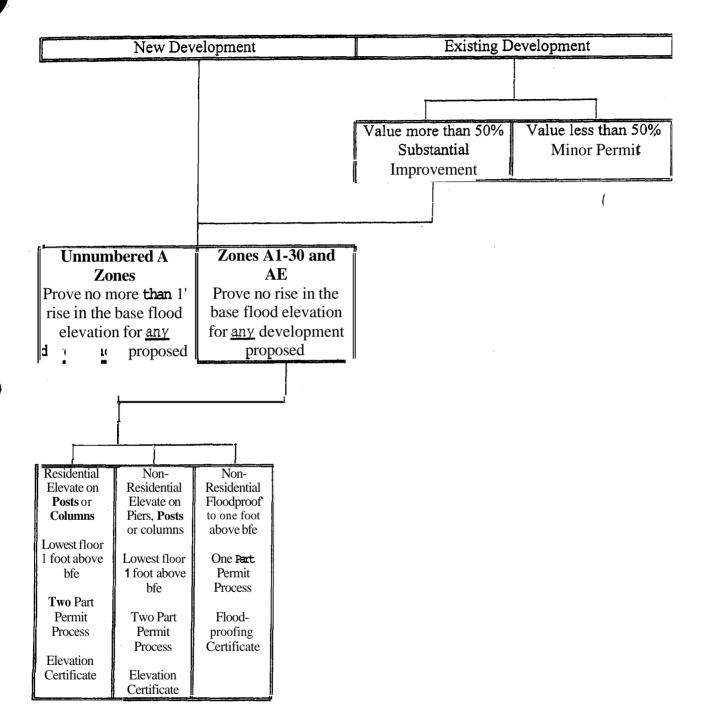
n Unnumbered A-Zones for riverine areas the floodway is considered to be ½ the width of the floodplain as measured from the water's edge to the upland limit of the floodplain measured perpendicular to the stream or river.

A, A1-30, and AE Zones'[without floodway]

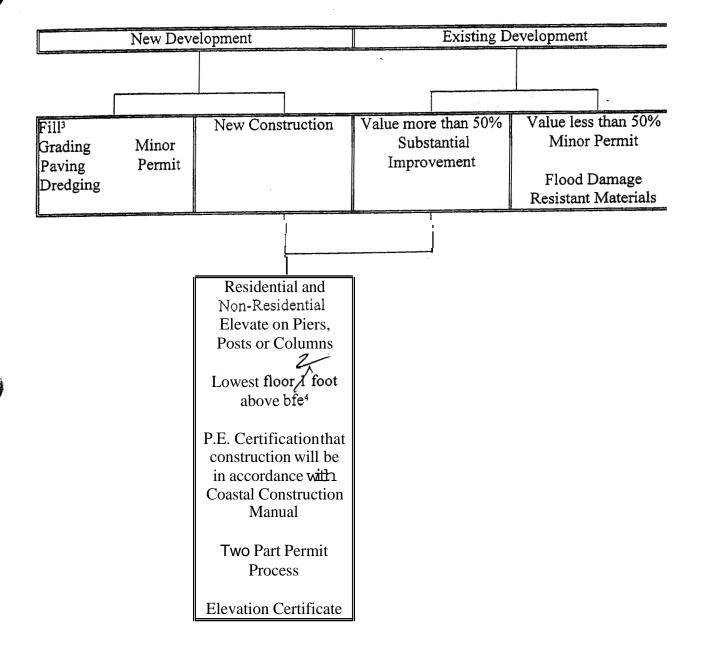
New Development				E	Existing De	vel	opment	
Company of the Compan								
Fill ²		New Cons	truction	Value n	nore th	han 50%	V	alue less than 50%
Grading Mir	nor				ubstan	i/		Minor Permit
n —	mit			Imp	oroven	nent		
Dredging								Flood Damage
					<u> </u>		R	esistant Materials
			-					
			1					
,								
		<u> </u>			11			
Residential on	Re	sidential on	Reside		11	n Residenti	al	Non Residential
slab		crawl	basei	ment	 	Elevated		Floodproofed
Elevate lowest	Ela	evate lowest	 Elevate	lowest	Flo	evate lowes		Floodproofing
floor 1' above bfe		or 1' above	floor (in		11	or 1' above		Certificate must
11001 1 above ble	Pt .	bfe with	basemer		bfe .			accompany
Two Part Permit	\$ }	hydraulic	1' above	,			į	Permit
Process	31	nings of 1 sq.	hydra	aulic	Two	Part Perm	iit	application signed
	in.	for each sq.	openings	of 1 sq.		Process	l	and sealed by
Elevation	ft.	of footprint	in. for e	-				P.E.
Certificate			ft. of fo	otprint	11	Elevation	1	
	1	Part Permit			C	Certificate		One Part Permit
		Process	Two Part			١		
		71	Proc	ess		•		
		Elevation	171	4:				-
	(Certificate	Eleva					
1	ì	<u> </u>	Certif	icate	l		li li	4



Floodway



V, V1-30 and VE-Zone



September 24,1996 permit flow chart.lwp

³Not for construction of walled or roofed structure

Lowest floor in V Zone is measured at lowest horizontal member

Floodproofing is Not an optim in VZng (2) 第一個のような情報を必要にあるというない。
(2) 日本のようなは、これのようなないできません。

FLOOD HAZARD DEVELOPMENT PERMIT

For Minor Development PORTLAND, Maine

(Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of Rolling Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: 198 Lot #: 13-20 [Recommended but not required by FPMO] Project Description: replacement Shed In Shweland Zone [Recommended but not required by FPMO]
The permittee understands and agrees that:
 The permit is issued on the representations made herein and on the application for permit; The permit may be revoked because of any breach of representation; Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued; The permit vill not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality; The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance; The permit form will be posted in a conspicuous place on the premises in plain view and; The permit will expire if no work is commenced within 180 days of issuance.
I hereby certify that all the statements in, and the attachments to this permit are a true description of the existing property and the proposed development project.
Owner: Recommended but not required by FPMO signature Date: Recommended but not required by FPMO
or
Authorized Agent; Recommended but not required by FPMO signature Date: Recommended but not required by FPMO
Issued by: Recommended but not required by FPMO Date: Recommended but not required by FPMO



Permit #: Recommended but not required by FPMO

FLOOD HAZARD DEVELOPMENT PERMIT APPLICATION Normal, Maine

(All applica	ants must complete entire application) [60.3(e)]
Ordinance of, Maine, for development need for other municipal permit applications.	oment Permit as required under Article II of the Floodplain Management as defined in said ordinance. This permit application does not preclude the
Owner: Robert and Michell B.	woks Address: 134 Fenway St. Portland
Ph. No: (207) 774 - 6904	works Address: 134 Fenway St. Portland minule's Cell (207) \$\frac{2}{3} \rightarrow 37 - 1887
	Address:
Ph. No:	
Contractor:	Address:
Ph. No:	
LEGAL DESCRIPTION	
Is this lot a part of a subdivision? □Yes ★ If yes	s, give the name of the subdivision and lot number:
Subdivision:	Lot #:
Tax Map: 4 5	Lot#: 13-20
Tax Map: 198 Address: 34 Fanway St. Street/Road Name	Portland
Street/Road Name	
Zip Code: 04(02	
General explanation of proposed development:	placement of small shed in sho
Estimated value of improvements: \$	2,580.
OTHER PERMITS	
Are other permits required from State or Federal Jurisdic If yes, are copies of these permits attac	ctions? □Yes □No □Not Applicable
Development Act, Metallic Mineral Exploration	limited to: ME/DEP/Natural Resource Protection Act, Site Location of on, Advanced Exploration and Mining; USACE/Section 9 & 10 of the Rivers ter Act; Federal Energy Regulation Commission.
(This Section to	o be completed by Municipal Official)
Date: Submitted; Fee Paid; Re	eviewed by CEO; Reviewed by Planning Board
Permit # Issued by	Date

LOCATION	(This section to be compl	eted by Municipal Official)	
Flooding source (name of river, pond, oc	ean, etc):		
□ V1-30 Zone □ VE Zone □ AE Zon		Zone	
□ FRINGE □ FLOODWAY (1/2 width	of floodplain in A Zone)		
If proposed development is in an "AE" or note the Nearest Cross Section Reference	"A1-A30" Zone and cross and Elevation of Base	oss section data is available in the Fl Flood at Nearest Cross Section.	ood Insurance Study please
Cross Section	Base Flood Elevati	on	
Above Site	Above Site		
Below Site	Below Site		
Base Flood Elevation (bfe) at the site	NGVD [Required	for New Construction or Substantia	l Improvements]
☐ From a State Agency: ☐ M ☐ Established by Professional I ☐ Established by Professional E	DOT □ Other and Surveyor Ingineer □ HEC I	□USACE □OtherI □ HY 7 □ Quick-2 □ Other _	
		42 - 44 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4	
VALUE			
If the development involves improvemen	s to an existing structure overnent:	e, the Market Value of existing stroor or improvement or addition to existi	icture: : \$ ng development:
	ovement: □ Mine	or improvement or addition to existi	ng development
If the development involves improvemen New development or Substantial Impro TYPE OF DEVELOPMENT	ovement: □ Mine	or improvement or addition to existi	ng development
If the development involves improvemen □ New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for □ 1. Residential Structure □ 1a. New Structure	the type(s) of developme	ent requested; and complete informa	ng development:
If the development involves improvemen. □ New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for □ 1. Residential Structure □ 1a. New Structure □ 1b. And to Structure	the type(s) of development	ent requested; and complete informa 5. Filling' 6. Dredging	ng development:
If the development involves improvemen □ New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for □ 1. Residential Structure □ 1a. New Structure	the type(s) of development	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation 8. Levee	ng development:
If the development involves improvemen ☐ New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for ☐ 1. Residential Structure ☐ 1a. New Structure ☐ 1b. And to Structure ☐ 1c. Renovationslother change ☐ 2. Nan-Residential Structure ☐ 2a. New structure	the type(s) of development	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation	tion for each applicable line: Cubic Yards
If the development involves improvemen ☐ New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for ☐ 1. Residential Structure ☐ la. New Structure ☐ lb. And to Structure ☐ lc. Renovationslother change ☐ 2. Nan-Residential Structure ☐ 2a. New structure ☐ 2b. And to Structure	the type(s) of developmed Dimensions	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation 8. Levee 9. Drilling 10. Mining:	tion for each applicable line: Cubic Yards Number of Acres
If the development involves improvemen. ☐ New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for ☐ 1. Residential Structure ☐ 1a. New Structure ☐ 1b. And to Structure ☐ 1c. Renovationslother change ☐ 2. Nan-Residential Structure ☐ 2a. New structure ☐ 2b. And to Structure ☐ 2c. Renovationslother change ☐ 2d. Floodproofing	the type(s) of developmed Dimensions	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation 8. Levee 9. Drilling 10. Mining:	tion for each applicable line: Cubic Yards Number of Acres to be created
If the development involves improvement □ New development or Substantial Impres TYPE OF DEVELOPMENT Check the appropriate box to the left for □ 1. Residential Structure □ 1a. New Structure □ 1b. And to Structure □ 1c. Renovationslother change □ 2. Nan-Residential Structure □ 2a. New structure □ 2b. And to Structure □ 2b. And to Structure □ 2c. Renovationslother change □ 2d.Floodproofing □ 3. Water Dependent use: □ 3a. Dock	the type(s) of developmed Dimensions	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation 8. Levee 9. Drilling 10. Mining: 11. Dam: Water surface 12. Water Course Alterat Detailed description	ng development: tion for each applicable line: Cubic Yards Number of Acres to be created ion n must be attached with copies of
If the development involves improvement New development or Substantial Impro TYPE OF DEVELOPMENT Check the appropriate box to the left for 1. Residential Structure 1a. New Structure 1b. And to Structure 1c. Renovationslother change 2. Nan-Residential Structure 2a. New structure 2b. And to Structure 2c. Renovationslother change 2c. Renovationslother change 2d.Floodproofing 3. Water Dependent use: 3a. Dock 3b. Pier	the type(s) of developmed Dimensions	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation 8. Levee 9. Drilling 10. Mining: 11 . Dam: Water surface 12. Water Course Alterat Detailed description all applicable state a	ng development: Ition for each applicable line: Cubic Yards Number of Acres to be created ion n must be attached with copies of and federal permits.
If the development involves improvement In New development or Substantial Impression of the New development of Substantial Impression Involves Impression	the type(s) of developmed Dimensions s s	ent requested; and complete informa 5. Filling' 6. Dredging 7. Excavation 8. Levee 9. Drilling 10. Mining: 11 . Dam: Water surface: Detailed description all applicable state a	ng development: tion for each applicable line: Cubic Yards Number of Acres to be created ion n must be attached with copies of

Attachment and Site Plan - drawn to scale with north arrow

- Show property boundaries, floodway and floodplain lines.
- Show dimensions of the lot.
- Show dimensions and location of existing and/or proposed development on the site.
- Show areas to be cut and filled.
- For New Construction or Substantial Improvement, also include existing grade elevations done by a Professional Land Surveyor, Architect or Engineer.
- For New Construction or Substantial Improvement, attach statement describing in detail how each applicable development standard in Article VI will be met.

Special Note: Substantial Improvement is defined **as** any reconstruction, rehabilitation, addition or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Please refer to the floodplain management ordinance, Article XIII, for more complete definitions of New Construction and Substantial Improvement.

Structures in Velocity Zones *are* not permitted on fill or excavations. Structures must be built on open foundation systems, i.e., columns, piles, posts. (Article VI §L)

The Applicant Understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued,
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity coveted under the provisions of the Floodplain Management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view and;
- If issued, the permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and the attachments to this appl	lication are a true description of the existing property
and the proposed development project.	
Owner Mulinophy signature	Date 6 15 64
or	

Authorized Agent ______ signature

FLOOD HAZARD DEVELOPMENT PERMIT

For Minor Development PORTLAND, Maine

(Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development approvided in Article V.F.3. of the Floodplain Management Ordinance of Management Ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: Lot #:	-
[Recommended but not reauired by FPMO]	
Project Description:	
[Recommended but not required by FPMO]	

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
 - The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view and;
- The permit will expire if no work is commenced within 180 days of issuance.

I he	ereby certify that all the statements in, and the attachments	s to this perm	nit are a true description of the existing property and
the propose	ed development project.		
	1 1 0		
Owner: R	ecommended but not reauired <u>by</u> FPMO	Date:	Recommended but not reauired by FPMO

Owner: Recommended but not reauired by FPMO signature

Or

Authorized Agent: Recommended but not reauired by FPMO signature

Date: Recommended but not reauired by FPMO signature

Date: Recommended but not reauired by FPMO but not reauired by FPMO

Permit #: Recommended but not reauired by FPMO

Nο		
IN A		

CERTIFICATE OF COMPLIANCE PORTLAND, Maine

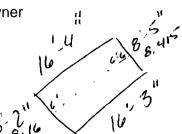
	Owner: <u>Recommended but not required</u>	l bv FPMO
	Address: <u>Recommended but not required</u>	I by FPMO
]	Tax Map: Lot #:	
[Location of Property:	2]
	The development 'described above has beer the (City/Town) of	n constructed in compliance with the Floodplain Management Ordinance for f. Maine. [Article VII]
	A variance uses o was not required for	this development.
	This determination is based on Elevation C [Required for New Construction or Substan	Certificate data provided by: [check appropriate box]
V	Required for New Construction or Substitution	muui improvemeni
□ Pro	ofessional Land Surveyor Name: Address:	© Architect Name: Address:
	License#:	License #:
□ Pro	ofessional Engineer Name: Address:	
j	License #:	
□ On S	Site Inspection by Code Enforcement Officer:	Recommended but not reauired by FPMO Code Enforcement Officer @lease print)
Signatı	ure: <u>Recommended but not required by</u> FPM	Date: Recommended but not reauired by FPMO
Flood F	Hazard Development Permit #:	
form re	evised January 13, 1997	

BOATHOUSE DIMENSIONS FOR PROPOSED 28.7% EXPANSION IN SHORELAND ZONE

134 Fenway Street, Portland, ME 04102 Tax Map 198, Block B, Lots 13-20

4.1262- 12906

Measurements by Michele Brooks, homeowner and
Timothy Fenlason
Drafting Manager/Senior Designer
FMC Cadd
75 Bishop Street, Suite 3
Portland, ME 04103



The length of the current structure is 16'-4" on one side and 16'-3" on the other. The width of the current structure is 8'-5" on one end and 8'-2" on the other. The height of the current structure is 6'-6" at the high point and 5'-1" at the low point on one end and 6'-0' and 5'-1" on the other.'

Our calculations assumed a little bit of averaging and interpolation to make the math easier. So, we assumed that the average was 16'-4" (or 16.33 feet) long by 8'-3" (or 8.25 feet) wide by 6'-3" and 5'-1" (or 5.08 feet) high at the roof.

Using these numbers, we came up with a current cubic footage of 762.53 cubic feet. (Calculation: To measure the basic rectangular portion of the boathouse, we took $16.33 \times 8.25 \times 5.08 = 684.39$. To add the portion attributable to the roof, we measured the "triangle" as being ½ of $16.33 \times 8.25 \times 1.16$ (the difference between the 6'-3" and the 5'-1") = 78.14. 684.39 + 78.14 = 762.53.

Thirty percent of 762.53 = 228.76 + 762.53 = 991.29 (the allowable 30% expansion).

Our primary goal in expanding the boathouse is to increase the height to a comfortable "standing level" inside. Therefore, assuming that the main "rectangular" portion of the proposed boathouse was 16' by 8' by 7', we would start with 896 cubic feet. Adding a 4/12 pitched roof that would measure up an additional 1'-4" (or 1.33 feet) at the center would give us an additional 85.12 cubic feet (Calculation: 16' x 8' x 1.33' divided by 2 = 85.12). Thus, the total cubic feet for this "proposed" boathouse would be 981.12, which translates to a 28.7% to volume expansion.

¹ Note that the current location of the boathouse has been located by a surveyor on a certain Plan entitled "Plan Showing the Location of a Proposed Addition Made For Robert & Michele Brooks" by Nadeau & Lodge, dated May 4, 2004. A copy of this Plan is on record with the City of Portland in connection with the proposed expansion of the house located at said property.