

PERMIT ISSUED

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 03-1490	Issue Date: MAR 08 2004	ECL: 090 J004001
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Location of Construction: 498 Island Ave , P.I	Owner Name: Wright Joseph D & Nancy L Jts	Owner Address: 498 Island Ave	Phone: 07-766-5615
Business Name: n/a	Contractor Name: Burlington Homes	Contractor Address: 620 Main St. Oxford	Phone
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Single Family	Zone: R-2

Past Use: Vacant	Proposed Use: Build New 27' x 50' Single Family with 15' x 50' deck.	Permit Fee: \$1,203.00	Cost of Work: \$123,000.00	CEO District: 1
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Proposed Project Description: Build new 27' x 50' Single Family with 15' x 50' deck.	FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: SB MEWAN housing rules
	Signature:	Signature: JMB 1/27/04

Permit Taken By: gg	Date Applied For: 12/09/2003	Zoning Approval	
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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 checked="" type="checkbox"/> Shoreland within 250' but well over 75' 40' HWM <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone panel 15 zone C <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan 2003-0261 Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input checked="" type="checkbox"/> Date: [Signature] 12/24/03	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: [Signature]
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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

City of Portland, Maine - Building or Use Permit

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Permit No: 03-1490	Date Applied For: 12/09/2003	CBL: 090 J004001
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Business Name: n/a	Contractor Name: Burlington Homes	Contractor Address: 620 Main St. Oxford	Phone:
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Single Family	

Proposed Use: Build New 27' x 50' Single Family with 15' x 50 deck.	Proposed Project Description: Build new 27' x 50' Single Family with 15' x 50' deck.
---	--

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 12/31/2003

Note: 12/29/03 Zoning looks ok - however the access to their driveway is over a right-of-way. I left a message with them that they need to show us that they have rights to use that private ROW. **Ok to Issue:**

12/31/03 I found out that it is the same owner who has title to the ROW - I will sign off for zoning, but will check with legal to see if we need anything else.

1/8/04 Penny told me that they did not need to get a separate easement because they own both properties.

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages. Currently a 15' x 50' rear deck is being approved with the issuance of this permit. No stairs are being shown from that deck. A separate permit shall be required for ANY changes to the submitted plans.
- 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) 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 with Conditions **Reviewer:** Jeanine Bourke **Approval Date:** 01/27/2004

Note: 1/6/04 Left vm w/Nancy W. To call about additional information.

Ok to Issue:

1/6 Tim Flynn called back, discussed issues, he will submit info

1/20 received submissions from Tim F. Ok to issue but waiting for site plan and subsurface variance approvals.

- 1) Separate permits are required for electrical and heating installation.
- 2) A statement of third party inspection must be submitted to this office prior to issuance of the Certificate of Occupancy. A photo of the sticker stating third party inspection placed in the structure must be submitted to this office as well.
- 3) The zoning approved 15'x50' deck is NOT submitted for building construction on this permit. The deck shall NOT be built until a separate application and approval is issued.

Comments:

1/27/2004-jmb: This permit is on hold, waiting for site plan & subsurface approvals.

2/10/2004-gg: PERMIT IN HOLD DRAW. /GG still waiting for site plan & subsurface approvals. /gg

2/17/2004-gg: Received site plan approval. Site plan with permit. /gg

2/17/2004-gg: Received subsurface property owner signature. /gg Forward permit to Mike Nugent.

2/23/2004-jmb: Hold - waiting for subsurface approval from state per MJN

3/8/2004-jmb: received state approval for subsurface, ok to issue

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Planning Copy**

2003-0261

Application I. D. Number

12/9/2003

Application Date

498 Island Ave. PEAKS ISLAND

Project Name/Description

Wright Joseph D & Nancy L Jts

Applicant

498 Island Ave, Peaks Island, ME 04108

Applicant's Mailing Address

Consultant/Agent

Applicant Ph: (207) 766-5615 Agent Fax:

Applicant or Agent Daytime Telephone, Fax

498 - 498 Island Ave, Portland, Maine

Address of Proposed Site

090 J004001

Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

27' X 50'

Proposed Building square Feet or # of Units

Acreage of Site

Zoning

Check Review Required:

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Pla \$250.00 Subdivision _____ Engineer Review \$50.00 Date 12/9/2003

Planning Approval Status:

Reviewer Jay Reynolds

- Approved Approved w/Conditions
See Attached Denied

Approval Date 2/17/2004 Approval Expiration 2/17/2005 Extension to _____ Additional Sheets
Attached

OK to Issue Building Permit Jay Reynolds 2/17/2004
signature date

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

- | | | | |
|---|----------------|--|-----------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ | _____ | _____ |
| | date | amount | expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ | _____ | |
| | date | amount | |
| <input type="checkbox"/> Building Permit Issue | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Reduced | _____ | _____ | _____ |
| | date | remaining balance | signature |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____ | <input type="checkbox"/> Conditions (See Attached) | _____ |
| | date | | expiration date |
| <input type="checkbox"/> Final Inspection | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Released | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ | _____ | _____ |
| | submitted date | amount | expiration date |
| <input type="checkbox"/> Defect Guarantee Released | _____ | _____ | |
| | date | signature | |

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Planning Copy**

2003-0261

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12/9/2003

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Applicant

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Applicant's Mailing Address

498 - 498 Island Ave, Portland, Maine

Address of Proposed Site

090 J004001

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Consultant/Agent

Applicant Ph: (207) 766-5615 Agent Fax:

Applicant or Agent Daytime Telephone, Fax

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 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

27' X 50'

Proposed Building square Feet or # of Units

Acreeage of Site

Zoning

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- | | | | |
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(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Pla \$250.00 Subdivision _____ Engineer Review \$50.00 Date 12/9/2003

Planning Approval Status:

Reviewer Jay Reynolds

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See Attached Denied

Approval Date 2/17/2004 Approval Expiration 2/17/2005 Extension to _____ Additional Sheets Attached

OK to Issue Building Permit Jay Reynolds 2/17/2004
signature date

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|---|----------------|--|-----------------|
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| | date | amount | expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ | _____ | |
| | date | amount | |
| <input type="checkbox"/> Building Permit Issue | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Reduced | _____ | _____ | _____ |
| | date | remaining balance | signature |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____ | <input type="checkbox"/> Conditions (See Attached) | _____ |
| | date | | expiration date |
| <input type="checkbox"/> Final Inspection | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Released | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ | _____ | _____ |
| | submitted date | amount | expiration date |
| <input type="checkbox"/> Defect Guarantee Released | _____ | _____ | |
| | date | signature | |

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
DRC Copy**

2003-0261
Application I. D. Number
12/9/2003
Application Date
498 Island Ave. PEAKS ISLAND
Project Name/Description

Wright Joseph D & Nancy L Jts
Applicant
498 Island Ave, Peaks Island, ME 04108
Applicant's Mailing Address

Consultant/Agent
Applicant Ph: (207) 766-5615 Agent Fax:
Applicant or Agent Daytime Telephone, Fax

498 - 498 Island Ave, Portland, Maine
Address of Proposed Site
090 J004001
Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

27' X 50'
Proposed Building square Feet or # of Units _____ Acreage of Site _____ Zoning _____

Check Review Required:

- | | | | |
|---|--|--|--|
| <input checked="" type="checkbox"/> Site Plan (major/minor) | <input type="checkbox"/> Subdivision # of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Pla **\$250.00** Subdivision _____ Engineer Review **\$50.00** Date **12/9/2003**

DRC Approval Status:

Reviewer **Jay Reynolds**

- Approved **Approved w/Conditions** Denied
See Attached

Approval Date **2/17/2004** Approval Expiration **2/17/2005** Extension to _____ Additional Sheets Attached

Condition Compliance **Jay Reynolds** **2/17/2004**
signature date

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

- | | | | |
|---|----------------|--|-----------------|
| <input type="checkbox"/> Performance Guarantee Accepted | _____ | _____ | _____ |
| | date | amount | expiration date |
| <input type="checkbox"/> Inspection Fee Paid | _____ | _____ | |
| | date | amount | |
| <input type="checkbox"/> Building Permit Issue | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Reduced | _____ | _____ | _____ |
| | date | remaining balance | signature |
| <input type="checkbox"/> Temporary Certificate of Occupancy | _____ | <input type="checkbox"/> Conditions (See Attached) | _____ |
| | date | | expiration date |
| <input type="checkbox"/> Final Inspection | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Certificate Of Occupancy | _____ | | |
| | date | | |
| <input type="checkbox"/> Performance Guarantee Released | _____ | _____ | |
| | date | signature | |
| <input type="checkbox"/> Defect Guarantee Submitted | _____ | _____ | _____ |
| | submitted date | amount | expiration date |
| <input type="checkbox"/> Defect Guarantee Released | _____ | _____ | |
| | date | signature | |

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
ADDENDUM**

2003-0261

Application I. D. Number

12/9/2003

Application Date

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Project Name/Description

Wright Joseph D & Nancy L Jts

Applicant

498 Island Ave, Peaks Island, ME 04108

Applicant's Mailing Address

Consultant/Agent

Applicant Ph: (207) 766-5615 Agent Fax:

Applicant or Agent Daytime Telephone, Fax

498 - 498 Island Ave, Portland, Maine

Address of Proposed Site

090 J004001

Assessor's Reference: Chart-Block-Lot

Approval Conditions of DRC

- 1 All damage to sidewalk, curb, street, or public utilities shall be repaired to City of Portland standards prior to issuance of a Certificate of Occupancy.
- 2 Two (2) City of Portland approved species and size trees must be planted on your street frontage prior to issuance of a Certificate of Occupancy.
- 3 Your new street address is now 498 ISLAND AVENUE, the number must be displayed on the street frontage of your house prior to issuance of a Certificate of Occupancy.
- 4 A street opening permit(s) is required for your site. Please contact Carol Merritt ay 874-8300, ext. 8822. (Only excavators licensed by the City of Portland are eligible.)
- 5 As-built record information for sewer and stormwater service connections must be submitted to Public Works Engineering Section (55 Portland Street) and approved prior to issuance of a Certificate of Occupancy.
- 6 The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvements as necessary due to field conditions.



Albert Frick Associates, Inc.

Soil Scientists & Site Evaluators

95A County Road Gorham, Maine 04038
(207) 839-5563 FAX (207) 839-5564

Albert Frick SS, SE
James Logan SS, SE
Matthew Logan SE
Brady Frick, SE

December 16, 2002

Tammy Munson, LPI
City of Portland
389 Congress Street
Portland, ME 04101

Linda Robinson
DHE
10 State House Station
Augusta, ME 04333

Re: Nancy Wright property, Island Avenue, Peaks Island, Portland

Dear Tammy and Linda:

Enclosed are a Subsurface Wastewater Disposal Permit Application and a New System Variance Request submitted in behalf of Nancy Wright. The proposed site does not meet the minimum criteria of Maine's Subsurface Wastewater Disposal Rules, and variances are requested for the following:

To allow a system to be sited on soils that do not meet the minimum criteria. Specifically, the seasonal high ground water table in the spring and during periods of heavy precipitation is 11 inches below the existing soil surface as evidenced by mottling in the proposed disposal area.

It is my opinion that the soil and site limitations are mitigated by the following:

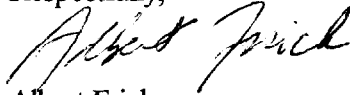
1. The disposal area is designed based on a 360 design flow.
2. The proposed separation distance from the bottom of the bed to the seasonal high ground water table is increased from the minimum of 18 inches to 30 inches.
3. The use of a FRICKle Filter to enhance the quality of the effluent.

The proposed design and site accrues a relative point assessment of 52 points, which offers potential for variance approval.

Jay Hardcastle, State Site Evaluator for DHE, met with Tammy Munson, Portland LPI and myself on December 11, 2002, to evaluate the Filled Land status and discuss age of fill with property owner and Covey Johnson, who was familiar with the site in the late 1960's, 1970's. The fill has been in place prior to July 1974 per testimony from Ms. Wright and Covey Johnson, and a notarized statement from Ms. Wright's father will follow.

It is my opinion that the proposed disposal system mitigates the soil and site limitations of this particular site and will assure environmental sanitation. Please contact me if you have any questions or additional matters for discussion.

Respectfully,



Albert Frick
AF/nd

Enc.

cc. Nancy Wright
Jay Hardcastle



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10, SHS
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> Caution: Permit Required - Attach in Space Below <<	
City, Town, or Plantation	PORTLAND, PEAKS ISLAND		
Street or Road	ISLAND AVE		
Subdivision, Lot *			
OWNER/APPLICANT INFORMATION		Date Permit Issued: <u>12/13/02</u>	\$ <u>1120.00</u> <input type="checkbox"/> If Double Fee Charged
Name (last, first, MI)	WRIGHT NANCY		L.P.I. # <u>0640</u>
Mailing Address of	512 ISLAND AVE PEAKS ISLAND, ME 04108		
<input type="checkbox"/> Owner <input type="checkbox"/> Applicant			
Daytime Tel. *	766-5615		
Owner or Applicant Statement		Caution: Inspections Required	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
 Signature of Owner/Applicant		 Local Plumbing Inspector Signature	
Date: <u>12/31/02</u>		(1st) Date Approved: _____	
		(2nd) Date Approved: _____	

PERMIT INFORMATION

TYPE OF APPLICATION 1. <input checked="" type="checkbox"/> First Time System 2. <input type="checkbox"/> Replacement System Type Replaced: _____ Year Installed: _____ 3. <input type="checkbox"/> Expanded System a. <input type="checkbox"/> Minor Expansion b. <input type="checkbox"/> Major Expansion 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES 1. <input type="checkbox"/> No Rule Variance 2. <input checked="" type="checkbox"/> First Time System Variance a. <input checked="" type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 3. <input type="checkbox"/> Replacement System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 4. <input type="checkbox"/> Minimum Lot Size Variance 5. <input type="checkbox"/> Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENTS 1. <input checked="" type="checkbox"/> Complete Non-Engineered System 2. <input type="checkbox"/> Primitive System (graywater & alt toilet) 3. <input type="checkbox"/> Alternative Toilet, specify: _____ 4. <input type="checkbox"/> Non-Engineered Treatment Tank (only) 5. <input type="checkbox"/> Holding Tank, _____ Gallons 6. <input type="checkbox"/> Non-Engineered Disposal Field (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Complete Engineered System (2000 gpd) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Field (only) 11. <input checked="" type="checkbox"/> Pre-treatment, specify: FRICLLE FILTER 12. <input type="checkbox"/> Miscellaneous components
SIZE OF PROPERTY 20,667 SQ. FT. <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> acres PROPOSED DISPOSAL AREA SHORELAND ZONING OUTSIDE SHORELAND ZONE <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No LOT INSIDE SHORELAND ZONE	DISPOSAL SYSTEM TO SERVE 1. <input checked="" type="checkbox"/> Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> 2. <input type="checkbox"/> Multiple Family Dwelling, No. of Units: _____ 3. <input type="checkbox"/> Other: _____ SPECIFY _____ Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY 1. <input type="checkbox"/> Drilled Well 2. <input type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input checked="" type="checkbox"/> Public 5. <input type="checkbox"/> Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK 1. <input checked="" type="checkbox"/> Concrete a. <input checked="" type="checkbox"/> Regular b. <input type="checkbox"/> Low Profile 2. <input type="checkbox"/> Plastic 3. <input type="checkbox"/> Other: _____ CAPACITY <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE 1. <input type="checkbox"/> Stone Bed 2. <input type="checkbox"/> Stone Trench 3. <input checked="" type="checkbox"/> Proprietary Device a. <input type="checkbox"/> Cluster array c. <input checked="" type="checkbox"/> Linear b. <input checked="" type="checkbox"/> Regular d. <input type="checkbox"/> H-20 loaded 4. <input type="checkbox"/> Other: _____ SIZE <u>1248</u> sq. ft. <input type="checkbox"/> lin. ft. 26 ELJEN IN-DRAIN UNITS	GARBAGE DISPOSAL UNIT 1. <input checked="" type="checkbox"/> No 3. <input type="checkbox"/> Maybe 2. <input type="checkbox"/> Yes >> Specify one below: a. <input type="checkbox"/> Multi-compartment tank b. <input type="checkbox"/> _____ tanks in series c. <input type="checkbox"/> Increase in tank capacity d. <input checked="" type="checkbox"/> Filter on tank outlet ZABEL FILTER	DESIGN FLOW 360 gallons per day BASED (MIN. + 33%) 1. <input checked="" type="checkbox"/> Table 501.1 (dwelling unit(s)) 2. <input type="checkbox"/> Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities - 3 BEDROOMS AT 90 GALLONS PER DAY EACH = 270 270 X 33% = 90 90 + 270 = 360 3. <input type="checkbox"/> Section 503.0 (meter readings) ATTACH WATER-METER DATA
SOIL DATA & DESIGN CLASS PROFILE <u>12</u> / CONDITION <u>D</u> / DESIGN <u>3</u> AT Observation Hole • <u>TP A</u> Depth <u>11</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING 1. <input type="checkbox"/> Small - 2.0 sq.ft./gpd 2. <input type="checkbox"/> Medium - 2.6 sq.ft./gpd 3. <input checked="" type="checkbox"/> Medium-Large - 3.3 sq.ft./gpd 4. <input type="checkbox"/> Large - 4.1 sq.ft./gpd 5. <input type="checkbox"/> Extra-Large - 5.0 sq.ft./gpd	PUMPING 1. <input type="checkbox"/> Not required 2. <input type="checkbox"/> May be required 3. <input checked="" type="checkbox"/> Required >> Specify only for engineered or experimental systems: DOSE: _____ Gallons	

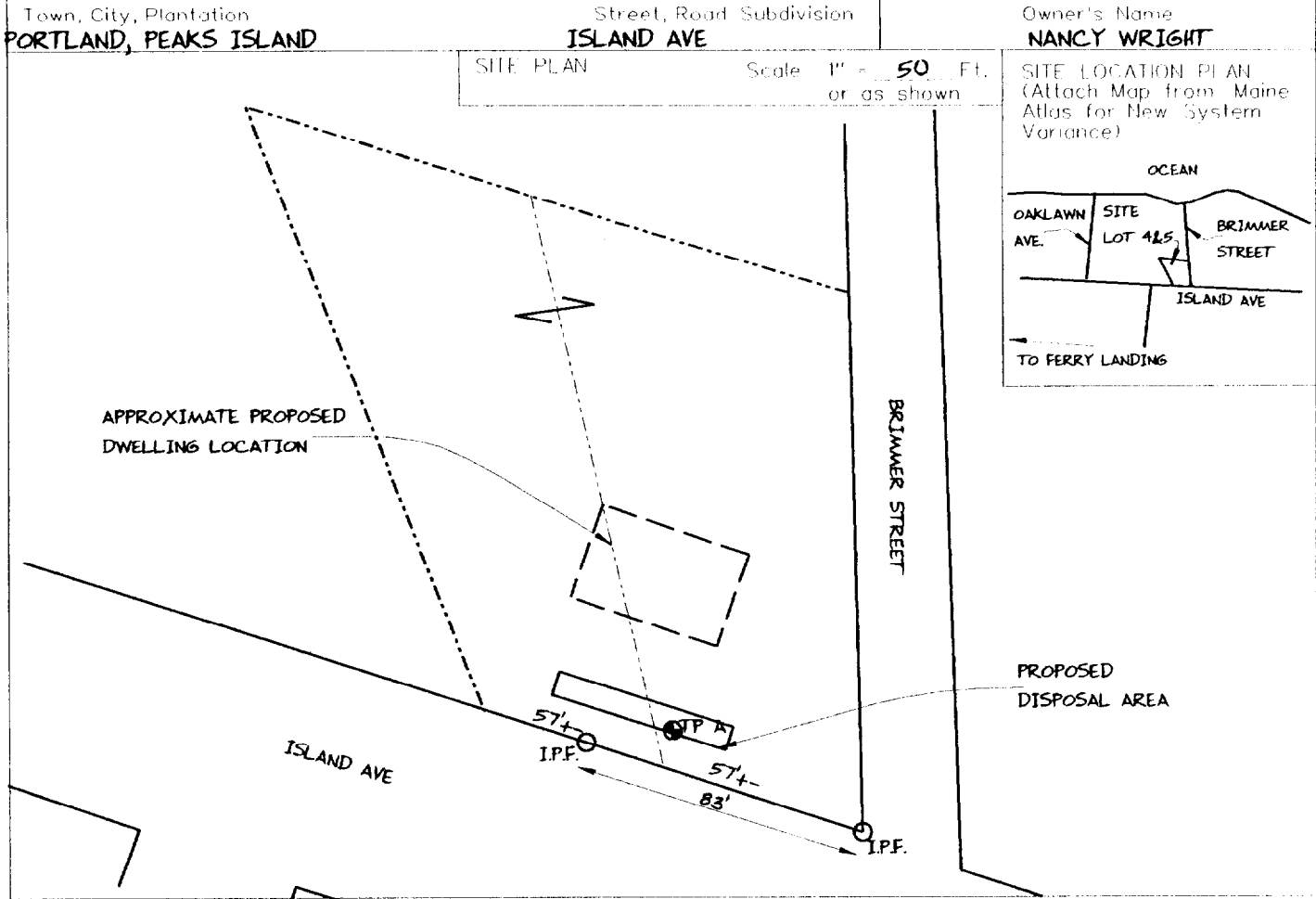
SITE EVALUATOR STATEMENT

I certify that on 12/1/02 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules (10-144A CMR 241).

 Site Evaluator Signature	63 SE	<u>12/18/2002</u> Date
ALBERT FRICK Site Evaluator Name Printed	(207) 839-5563 Telephone Number	ALBERTFRICK@WORLDNET.ATT.NET E-mail Address

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX (207) 287-4172



SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole **TP A** Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	LOAMY SAND		DARK BROWN	
10		FRIABLE		FEW, FAINT
20	SAND		LIGHT OLIVE BROWN	△ △ △ FREE WATER
30				
40	SILTY CLAY	FIRM	GRAY	
50				

Soil Classification: **12** Profile
 Condition: **D**
 Slope: _____ %
 Limiting Factor: **11**
 Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

Observation Hole _____ Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification: _____ Profile
 Condition: _____
 Slope: _____ %
 Limiting Factor: _____
 Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

Site Evaluator Signature

Albert Frick

163
SE

12/18/2002
Date

Page 2 of 3
HHE-200 Rev. 10/02

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

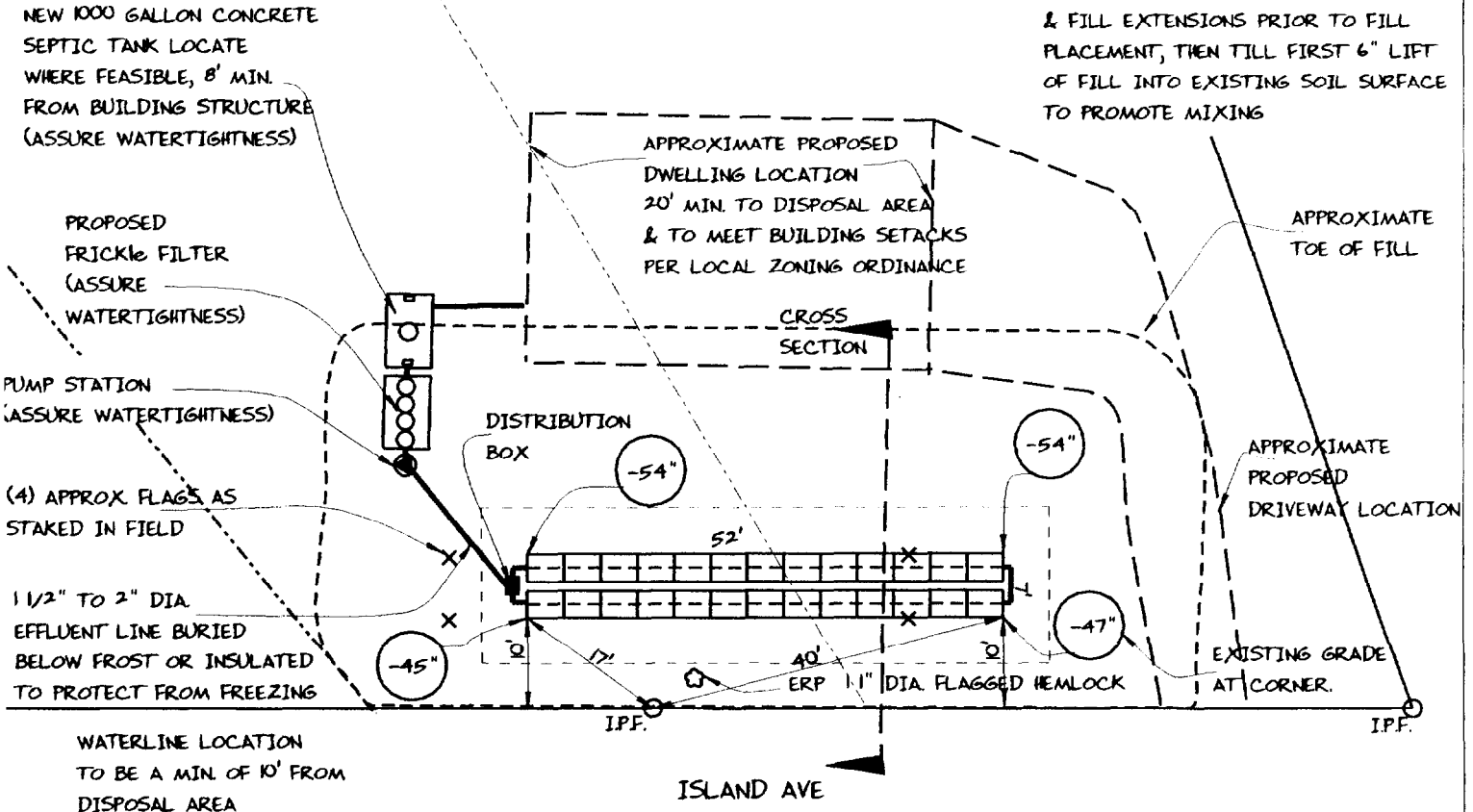
Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: **PORTLAND, PEAKS ISLAND**
 Street, Road, Subdivision: **ISLAND AVE**
 Owner's Name: **NANCY WRIGHT**

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20' FT.

NOTE: THOROUGHLY ROTOTILL ENTIRE SODDED AREA UNDER DISPOSAL FIELD & FILL EXTENSIONS PRIOR TO FILL PLACEMENT, THEN TILL FIRST 6" LIFT OF FILL INTO EXISTING SOIL SURFACE TO PROMOTE MIXING



FILL REQUIREMENTS

Depth of Fill (Upslope) : 48" - 49"
 Depth of Fill (Downslope) : 50"
 DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

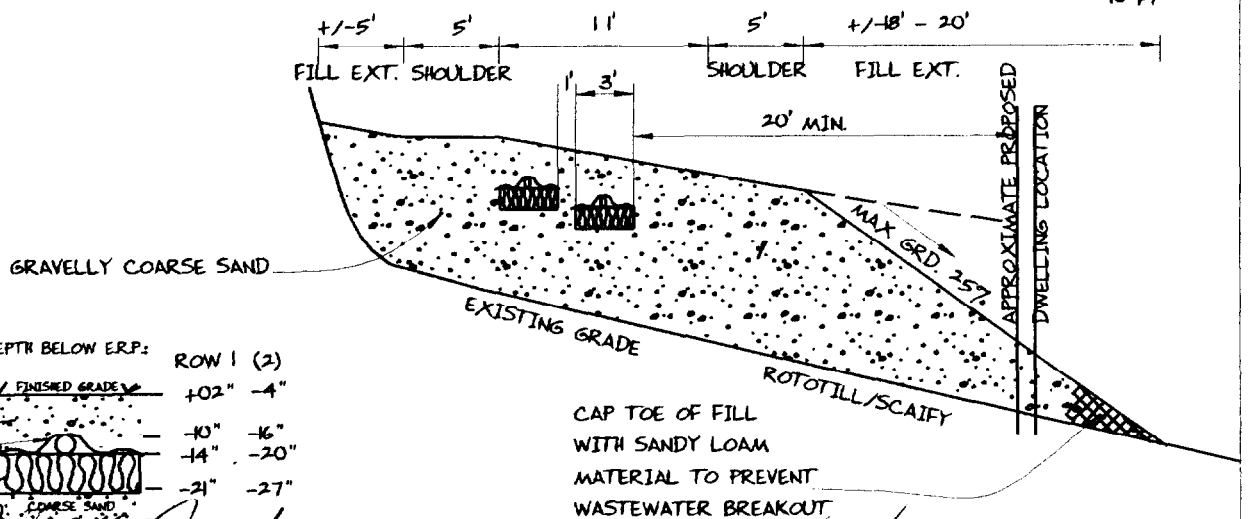
Finished Grade Elevation
 Top of Distribution Pipe or Proprietary Device
 Bottom of Disposal Area

SEE
 DETAIL
 BELOW

ELEVATION REFERENCE POINT
 Location & Description: 1" DIA. HEMLOCK TREE, NAIL 26" ABOVE BASE
 Reference Elevation is: 0.0" or -----

DISPOSAL AREA CROSS SECTION

SCALE:
 VERTICAL: 1" = 5 FT
 HORIZONTAL: 1" = 10 FT



DEPTH BELOW ERP: ROW 1 (2)
 FINISHED GRADE: +02" - 4"
 CLEAN FILL: -10" - 16"
 GEOTEXTILE FABRIC OVER 4" DIA. PERF. PIPE: -14" - 20"
 ELJEN IN-DRAIN UNIT: -21" - 27"
 GRAVELLY COARSE SAND

CAP TOE OF FILL WITH SANDY LOAM MATERIAL TO PREVENT WASTEWATER BREAKOUT

Site Evaluator Signature

163
 SE *

Date

Page 3 of 3
 HHE-200 Rev. 10/02



Albert Frick Associates, Inc.

Soil Scientists & Site Evaluators

95A County Road Gorham, Maine 04038

(207) 839-5563

Peaks Island Island Ave. Wright
TOWN LOCATION APPLICANT'S NAME

1) The Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to 22 M.R.S.A. § 42 (the "Rules") are incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system installer and/or building contractor for further construction details and material specifications. The system installer should contact Albert Frick Associates, Inc. 839-5563, if there are any questions concerning materials, procedures or designs. The system installer and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances pertaining to the permitting, inspection and construction of subsurface wastewater disposal systems.

2) This application is intended to represent facts pertinent to the Rules only. It shall be the responsibility of the owner/applicant, system installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot size laws) before installing this system or considering the property on which the system is to be installed a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations.

Prior to the commencement of construction/installation, the local plumbing inspector shall inform the owner/applicant and Albert Frick Associates, Inc. of any local ordinances which are more restrictive than the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. Albert Frick Associates, Inc.'s liability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations in effect at the time of preparation of this application.

3) All information shown on this application relating to property lines, well locations, subsurface structures and underground facilities (such as, utility lines, drains, septic systems, water lines, etc.) are based solely upon information provided by the owner/applicant and has been relied upon by Albert Frick Associates, Inc. in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information.

4) Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter should be connected in series to the proposed septic tank.

5) The system user shall avoid introducing kitchen grease or fats into this system. Chemicals such as septic tank cleaners and/or chlorine (such as from water treatment) and controlled or hazardous substances shall not be disposed of in this system.

ATTACHMENT TO SUBSURFACE WASTEWATER DISPOSAL APPLICATION

Peaks Island Island Ave Wright
TOWN LOCATION APPLICANT'S NAME

- 6) The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than once every three years.
- 7) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption (water usage (cu.ft.) x 7.48 cu.ft.(gallons per cu.ft.) ÷ # of days in period).
- 8) The general minimum setbacks between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.
- 9) When a gravity system is proposed: **BEFORE CONSTRUCTION/INSTALLATION BEGINS**, the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirements. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station. An alarm device warning of a pump failure shall be installed. Also, when pumping is required to a chamber system, install a "T" connection in the distribution box and place 3 inches of stone or a splash plate in the first chamber. Insulate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.
- 10) On all systems, remove the vegetation, organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper than 8 inches and compact thoroughly before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off the chambers. Divert the surface water away from the disposal area by ditching or shallow swales.
- 11) Unless noted otherwise, fill shall be gravelly coarse sand which contains no more than 5% fines (silt and clay).
- 12) Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.
- 13) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent material to prevent erosion.



Albert Frick Associates, Inc.
Soil Scientists & Site Evaluators
95A County Road - Gorham, Maine 01038
(207) 839-5561

FIRST TIME SYSTEM VARIANCE REQUEST

This form shall accompany an Application (HHE-200) for a proposed first time system which requires a Variance to provisions of the Subsurface Wastewater Disposal Rules.
 The local plumbing inspector shall not issue a permit for the installation of a first time subsurface wastewater disposal system requiring a variance from the Department of Human Services until approval has been received from them.

GENERAL INFORMATION		Town of <u>Peaks Island</u>
Permit No. _____		Date Permit Issued _____
Property Owner's Name: <u>Nancy Wright</u>		Tel. No.: <u>766-5615</u>
System's Location: <u>Island Ave</u>		
Property Owner's Address: <u>512 Island Ave</u>		
(if different from above) <u>Peaks Island, ME 04108</u>		

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with Section 105.2 of the Rules CMR 241 if all the following criteria are satisfied:

- a. The variance request has the approval of the LPI.
- b. The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
- c. The variance request demonstrates that there is no practical alternative for wastewater disposal, such as access to public sewer or the potential for an easement.
- d. The proposed system does not conflict with any provision controlling subsurface wastewater disposal in the Shoreland Zone.
- e. The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
- f. The property owner has indicated an awareness of the variance and any limitations or added costs the proposed system may require.

SOIL, SITE AND ENGINEERING FACTORS FOR NEW SYSTEM VARIANCE ASSESSMENT
 (SEE TABLES 1900.1-1900.11)

CHARACTERISTIC	POINT ASSESSMENT
Soil Profile	7-D
Depth to Groundwater/Restrictive Layer	11"
Terrain	side slope
Size of Property	20,667 SQ FT ±
Waterbody Setback	250'+
Water Supply	Public Water
Type of Development	Single Family Residence
Disposal Area Adjustment	Min. + 33%
Vertical Separation Adjustment	Min. + 12"
Additional Treatment	Frickle Filter + Zabel Filter
TOTAL POINT ASSESSMENT (Sec. 1904.5)	
52	

Minimum Points (Check one): Outside Shoreland-50 Inside Shoreland-65 Subdivision-65

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator)	SECTION OF RULE
1. <u>11" to a watertable (Seasonal Groundwater Table Min. 12")</u>	<u>Table 600.2</u>
2. _____	_____
3. _____	_____

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal for a First Time System Variance by a Licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a Variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department.
 (Use Additional Sheets, if needed)

See attached letter.

I, _____, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.

 SIGNATURE OF SITE EVALUATOR

 DATE

First Time System Variance Request

PROPERTY OWNER

I, Doreen Wright, am the owner agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Doreen Wright
 SIGNATURE OF OWNER
 AGENT FOR THE OWNER

12/31/02
DATE

MUNICIPAL OFFICER(S) (Selectman, Councilman, Alderman, Mayor, Town Manager)

We, the Municipal Officer(s) of _____ have reviewed this application and are aware that the applicant is applying for a First Time System Variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the rules. The proposed variance request does does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.

SIGNATURE FOR THE MUNICIPALITY

TITLE

DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all First Time System Variance requests prior to rendering a decision.

I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (does does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone.

Therefore, I (do do not) approve the requested variance. I (will will not) issue a permit for the system's installation as proposed by the application.

LPI Signature

Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all First Time System Variance requests prior to forwarding to the Division of Health Engineering.

I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (does does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone.

Therefore, I (do do not) recommend the issuance of a permit for the system's installation as proposed by the application.

LPI Signature

Date

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

SIGNATURE OF THE DEPARTMENT

DATE

- Note: 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 1902.0 for Municipal Review.)
2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 1901.0 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.



State of Maine
Department of Human Services
11 State House Station
Augusta, Maine
04333-0011

John Elias Baldacci
Governor

March 4, 2004

John R. Nicholas
Acting Commissioner

Nancy Wright
512 Island Avenue
Peaks Island ME 04108

Subject: Approval, First Time System Variance Request, Wright property, Island Avenue, Peaks Island
(Portland)

Dear Ms. Wright:

The Division has reviewed a First Time System Variance Request for the subject property. The proposal is to install a subsurface wastewater disposal system to serve a three-bedroom single-family dwelling. The state variance requested is to allow the installation of the system in soils with eleven inches to the ground water table. The system design, prepared by Albert Frick, SE, dated December 18, 2002, includes an increase in disposal area size and vertical separation plus a septic tank outlet filter and a pretreatment unit known as the Frickle Filter in order to achieve the required First Time System Total Point Assessment. The design is found to be in compliance with the Maine Subsurface Wastewater Disposal Rules.

We approve the requested variance with the following requirements:

1. A permit for system installation is to be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The system is to be installed in accordance with the submitted and approved system design. Should alterations be required at the time of system installation, the system designer must be notified prior to making any changes.
3. The variance approval is based only on the rules administered by this department. The approval of the variance request does not relieve the property owner from compliance with all other state and local requirements pertaining to the installation, use, and operation of the wastewater disposal system.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Disposal Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system.

Should you or others have any questions regarding this review and/or approval, please feel free to contact me at 287-5687.

Sincerely,

Linda S. Robinson, Environmental Specialist II
Wastewater & Plumbing Control Program
Division of Health Engineering
E-mail: linda.robinson@maine.gov

/lsr
cc: Michael Nugent, LPI
Albert Frick, SE

RECEIVED
FEB 17 2004
RECEIVED

RECEIVED

MAR 01 2004

FIRST TIME SYSTEM VARIANCE REQUEST

WASTEWATER &
PLUMBING PROGRAM

This form shall accompany an Application (HHE-200) for a proposed first time system which requires a Variance to provisions of the Subsurface Wastewater Disposal Rules. The local plumbing inspector shall not issue a permit for the installation of a first time subsurface wastewater disposal system requiring a variance from the Department of Human Services until approval has been received from them.

GENERAL INFORMATION		Town of <u>Peaks Island</u>
Permit No. _____		Date Permit Issued _____
Property Owner's Name: <u>Nancy Wright</u>		Tel. No.: <u>766-5615</u>
System's Location: <u>Island Ave</u>		
Property Owner's Address: <u>512 Island Ave</u>		
(if different from above) <u>Peaks Island, ME 04108</u>		

VARIANCE CONDITIONS

The Department has the authority to vary the requirements of the Rules in accordance with Section 105.2 of the Rules CMR 241 if all the following criteria are satisfied:

- The variance request has the approval of the LPI.
- The Municipal Officials have indicated that the variance does not conflict with any local wastewater disposal ordinances.
- The variance request demonstrates that there is no practical alternative for wastewater disposal, such as access to public sewer or the potential for an easement.
- The proposed system does not conflict with any provision controlling subsurface wastewater disposal in the Shoreland Zone.
- The site offers potential for a system which will dispose of the wastewater with minimal threat to public health, safety, or welfare.
- The property owner has indicated an awareness of the variance and any limitations or added costs the proposed system may require.

SOIL, SITE AND ENGINEERING FACTORS FOR NEW SYSTEM VARIANCE ASSESSMENT

(SEE TABLE 1000.1-1000.11)

CHARACTERISTIC	POINT ASSESSMENT	
Soil Profile	7-D	5
Depth to Groundwater Restriction Layer	11"	5
Terrain	side slope	5
Size of Property	20,667 SQ FT	-10
Wastewater Return	250'	5
Water Supply	Public Water	5
Type of Development	Single Family Residence	0
Disposal Area Adjustment	Min. 4' 33"	5
Vertical Separation Adjustment	Min. + 12"	10
Additional Treatment	Enable Filter + 2nd Filter	10 + 5
TOTAL POINT ASSESSMENT (See 1000.1)		52

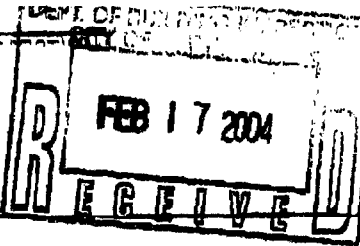
Minimum Points (Check one): Outside Shoreland-55 Inside Shoreland-55 Subdivision-55

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator)	SECTION OF RULE
1. <u>11" to a watertable (Seasonal Groundwater Table Min. 12')</u>	<u>Table 600.2</u>
2. _____	_____
3. _____	_____

SITE EVALUATOR	
<p>When a property is found to be unsuitable for subsurface wastewater disposal for a First Time System Variance by a Licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a Variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. (Use Additional Sheets, if needed)</p>	
<p>See attached letter.</p>	
<p>I, _____, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.</p>	
<p><u>Albert Finch</u> SIGNATURE OF SITE EVALUATOR</p>	<p><u>12/18/2002</u> DATE</p>

HHE-215 Rev 8/00

287-3165



First Time System Variance Request

PROPERTY OWNER

I, Nancy Wright, am the Owner agent for the owner of the subject property. I understand that the installation of the Application is not in total compliance with the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Nancy Wright 2/17/04
 SIGNATURE OF OWNER AGENT FOR THE OWNER DATE

MUNICIPAL OFFICER(S) (Selectman, Councilman, Alderman, Mayor, Town Manager)

We, the Municipal Officer(s) of CITY OF PORTLAND have reviewed this application and are aware that the applicant is applying for a First Time System Variance to the Subsurface Wastewater Disposal Rules because the proposed system does not meet all requirements of the rules. The proposed variance request does does not comply with all Municipal Ordinances relating to subsurface wastewater disposal.

Joseph E. Long 2-17-04
SIGNATURE FOR THE MUNICIPALITY TITLE DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all First Time System Variance requests prior to rendering a decision. I, Michelle Wagon, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system does does not conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone.

Therefore, I do do not approve the requested variance. I will will not issue a permit for the system's installation as proposed by the application.

LPI Signature Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all First Time System Variance requests prior to forwarding to the Division of Health Engineering. I, Michelle Wagon, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system does does not conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone.

Therefore, I do do not recommend the issuance of a permit for the system's installation as proposed by the application.

Michelle Wagon 2/17/04
LPI Signature Date

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and does does not give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

Linda Robinson 3/4/04
SIGNATURE OF THE DEPARTMENT DATE

- Note: 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 1902.0 for Municipal Review.)
- 2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 1901.0 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

090 J003

From: Mike Nugent
To: Jay Reynolds; Sarah Hopkins
Date: 1/3/03 10:57AM
Subject: 494 Island Ave. 090 J003

I have received an HHE200 form (septic application) for this vacant parcel that can be issued, should we have them apply for the MINOR MINOR site review process prior to issuance as this has a big impact on the final grading of the lot?

CC: ALEX JAEGERMAN; Marge Schmuckal; MARK ADELSON

BUILDING PERMIT INSPECTION PROCEDURE
Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

JB **Pre-construction Meeting:** Must be scheduled with your inspection team upon receipt of this permit. Jay Reynolds, Development Review Coordinator at 874-8632 must also be contacted at this time, before any site work begins on any project other than single family additions or alterations. *call*

- Footing/Building Location Inspection:** Prior to pouring concrete
- Re-Bar Schedule Inspection:** Prior to pouring concrete
- Foundation Inspection:** Prior to placing ANY backfill
- Framing/Rough Plumbing/Electrical:** *Service* Prior to any insulating or drywalling
- Final/Certificate of Occupancy:** Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

ME man. House

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

PS **CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED**

[Signature] 3/8/04
Signature of Applicant/Designee Date
[Signature] 3/8/04
Signature of Inspections Official Date
CBL: 90-J-4 Building Permit #: 03-1490

498 Island Ave

03-1490

CBL: 90-J-4


①

Soil type/Presumptive Load Value (Table 401.4.1)	? Subsurface	
STRUCTURAL		
Footing Dimensions/Depth (Table 403.1.1 & 403.1.1(1), Section 403.1.2)	8x16" Burlington Homes Pre-manufactured	
Foundation Drainage Dampproofing (Section 406)	?	1/20/04 OK
Ventilation (Section 409.1) Crawls Space ONLY	Daylight	OK
Anchor Bolts/Straps (Section 403.1.4)	1/2" 6' o.c. l'comens	OK
Lally Column Type, Spacing and footing sizes (Table 502.3.4(2))	3 1/2" steel	OK
Built-Up Wood Center Girder Dimension/Type (Table 502.3.4(2))		
Sill/Band Joist Type & Dimesions		
First Floor Joist Species Dimensions and Spacing (Table 503.3.1(1) & Table 503.3.2(1))		

Second Floor Joist Species Dimensions and Spacing Table(503.3.1(1) & Table 503.3.2(1))			
Attic or additional Floor Joist Species Dimensions and Spacing(Table 802.4.2 or 503.3.1(1) & Table 503.3.2(1))			
Roof Rafter; Pitch, Span, Spacing & Dimension(Table 802.3.2(7))			
Sheathing; Floor, Wall and roof (Table 503.2.1(1))			
Fastener Schedule (Table 602.3(1) & (2))			

Deck
~~Not~~ to be
 built
 I need separate
 permit ME Manufactured
 Housing
 Rules

Rear 15' x 50' Deck - NO plans - to be built later (separate permit)
 Exterior stairs -> ok
 Basement stairs } ok
 Second FL. plans } unfinished =
 Basement plans ok

Stairs Number of Stairways Interior Exterior Treads and Risers (Section 314) Width Headroom Guardrails and Handrails (Section 315)	10" 7 3/4" 3' 36" < 4" o.c. graspable	OK 1/20/04
Private Garage Section 309 and Section 407 1999 BOCA) Living Space ? (Above or beside) Fire separation	for Tim Flynn Garage under house  walls/ceilings	OK
Fire rating of doors to living space Door Sill elevation (407.5 BOCA)	of the rated	OK
Egress Windows (Section 310)		

Roof Covering (Chapter 9)		
Safety Glazing (Section 308)		
Attic Access (BOCA 1211.1)		
Draft Stopping around chimney	N/A	
Header Schedule		
Type of Heating System	Direct vent or monitors	JK
Smoke Detectors Location and type/Interconnected		

See Chimney Summary Checklist

**TABLE 1003.1
SUMMARY OF REQUIREMENTS FOR MASONRY FIREPLACES AND CHIMNEYS**

NOTE: This table provides a summary of major requirements for the construction of masonry chimneys and fireplaces. Letter references are to Figure 1003.1, which shows examples of typical construction. This table does not cover all requirements, nor does it cover all aspects of the indicated requirements. For the actual mandatory requirements of the code, see the indicated section of text.

ITEM	LETTER	REQUIREMENTS	
		Summary	See Section
Hearth and hearth extension thickness	A	4-inch minimum thickness for hearth.	1003.9.1
		2-inch minimum thickness for hearth extension.	1003.9.2
Hearth extension (each side of opening)	B	8 inches for fireplace opening less than 6 square feet.	1003.10
		12 inches for fireplace opening greater than or equal to 6 square feet.	
Hearth extension (front of opening)	C	16 inches for fireplace opening less than 6 square feet.	1003.10
		20 inches for fireplace opening greater than or equal to 6 square feet.	
Hearth and hearth extension reinforcing	D	Reinforced to carry its own weight and all imposed loads.	1003.9
Firebox dimensions	E	20-inch minimum firebox depth.	1003.11
		12-inch minimum firebox depth for Rumford fireplaces.	
Thickness of wall of firebox	F	10 inches solid masonry or 8 inches where firebrick lining is used.	1003.5
Distance from top of opening to throat	G	8 inches minimum.	1003.7
Smoke chamber	H	6 inches lined; 8 inches unlined.	1003.8
Dimensions		Not taller than opening width; walls not inclined more than 45 degrees from vertical for prefabricated smoke chamber linings or 30 degrees from vertical for corbeled masonry.	1003.8.1
Chimney vertical reinforcing ^a	I	Four No. 4 full-length bars for chimney up to 40 inches wide. Add two No. 4 bars for each additional 40 inches or fraction of width, or for each additional flue.	1003.3.1
Chimney horizontal reinforcing ^a	J	1/4-inch ties at each 18 inches, and two ties at each bend in vertical steel.	1003.3.2
Fireplace lintel	K	Noncombustible material with 4-inch load-bearing length of each side of opening.	1003.7
Chimney walls with flue lining	L	4-inch-thick solid masonry with liner.	1001.7;
		1/2-inch grout or airspace between liner and wall.	1001.9
Effective flue area (based on area of fireplace opening and chimney)	M	See Section 1001.12.	1001.12
Clearances	N	From chimney	2 inches interior, 1 inch exterior.
From fireplace		2 inches front, back or sides.	
Combustible trim or materials		6 inches from opening.	
Above roof		3 feet above roof penetration, 2 feet above part of structure within 10 feet.	
Anchorage ^a	O	Strap	3/16 inch by 1 inch.
Number		Two.	
Embedment into chimney		12 inches hooked around outer bar with 6-inch extension.	
Fasten to		Four joists.	
Bolts		Two 1/2-inch diameter.	
Footing	P	Thickness	12-inch minimum.
Width		6 inches each side of fireplace wall.	

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 square foot = 0.0929 m², 1 degree = 0.01745 rad.

^a Required only in Seismic Zones 3 and 4.

City of Portland, Maine - Building or Use Permit

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

Permit No: 03-1490	Date Applied For: 12/09/2003	CBL: 090 J004001
------------------------------	--	----------------------------

Location of Construction: 498 Island Ave, P.I.	Owner Name: Wright Joseph D & Nancy L Jts	Owner Address: 498 Island Ave	Phone: 207-766-5615
Business Name: n/a	Contractor Name: Burlington Homes	Contractor Address: 620 Main St. Oxford	Phone:
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Single Family	

Proposed Use: Build New 27' x 50' Single Family with 27' x 50 deck.	Proposed Project Description: Build new 27' x 50' Single Family with 27' x 50' deck.
---	--

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 12/31/2003

Note: 12/29/03 Zoning looks ok - however the access to their driveway is over a right-of-way. I left a message with them that they need to show us that they have rights to use that private ROW. **Ok to Issue:**
 12/31/03 I found out that it is the same owner who has title to the ROW - I will sign off for zoning, but will check with legal to see if we need anything else.

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages. Currently a 15' x 50' rear deck is being approved with the issuance of this permit. No stairs are being shown from that deck. A separate permit shall be required for ANY changes to the submitted plans.
- 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) 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:** Pending **Reviewer:** **Approval Date:** **Ok to Issue:**



Residential 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: 496 498 Island Ave Peaks Island		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# 90 Block# 5 Lot# 4+5	Owner: NWright <i>Tim Flynn</i>	Telephone: 766-5613
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: NWright 512 Island Ave Peaks Island me	Cost Of Work: \$173,000 Fee: \$ 1128.00 75.00
Current Specific use: Empty lot		1203.00
Proposed Specific use: Single family home		300.00 site plan
Project description: Single family structure with daylight basement 27'x50' + 15'x50' dock (unfinished 2nd floor)		\$1503.00 total
Contractor's name, address & telephone: Burlington Homes		
Who should we contact when the permit is ready: NWright		
Mailing address: 512 Island Ave Peaks Island ME 04108		
Phone: 766-5613		

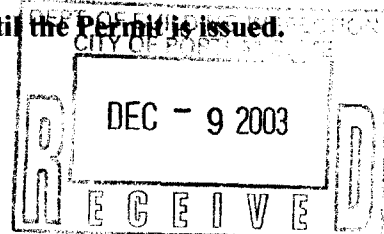
Please submit all of the information outlined in the Residential Application Checklist. Failure to do so will result in the automatic denial of your permit.

At the discretion of the Planning and Development Department, additional information may be required prior to permit approval. For further information stop by the Building Inspections office, room 315 City Hall or call 874-8703.

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: <i>David Wright</i>	Date: 12/8/03
Permit Fee: \$30.00 for the first \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost	

This is not a Permit; you may not commence any work until the Permit is issued.



Applicant: Joseph & Nancy Wright

Date: 12/29/03

Address: 498 Island Ave, PI

C-B-L: 90-J-004 & S

CHECK-LIST AGAINST ZONING ORDINANCE

Date - New

permit # 03-1490

Zone Location - IR-2

Interior or corner lot -

Proposed Use/Work - To construct new 27' x 50' single family with 15' x 50' Deck

Sewage Disposal - Private

Lot Street Frontage - 70' min req - 119.32' shown

100 steps shown

Front Yard - 25' min req - 35' scaled to steps

Rear Yard - 25' min req - 55' scaled

Side Yard - 20' min req - 30' & 45' scaled

Projections - rear Deck 15' x 50' - front porch & stairs - other front stairs

Width of Lot - 80' min - 118' shown 20' from Downy

Height - 35' MAX from original grade - 22' scaled

Lot Area - 20,000[#], min 20,667[#] per assessors

Lot Coverage Impervious Surface - 20% MAX (or 4133.4[#] MAX)

Area per Family - 20,000[#]

Off-street Parking - 2 pty spaces req

Loading Bays - N/A

Site Plan - minor/minor - 2003-0261

Shoreland Zoning/Stream Protection - ^{PART} of lot is in ^{250'} shoreland but well over 75' to highway

Flood Plains - panel 15 - Zone C

27 x 50 = 1350

15 x 50 = 750

6 x 5 = 30

5 x 5 = 25

2155[#]

Needs to show rights to use of the existing ROW for
their Driveway Access

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information

Card Number	1 of 1
Parcel ID	090 J004001
Location	498 ISLAND AVE
Land Use	VACANT LAND
Owner Address	WRIGHT JOSEPH D & NANCY L JTS 498 ISLAND AVE PEAKS ISLAND ME 04108
Book/Page	15273/317
Legal	90-J-4-5 ISLAND AVE BRIMMER ST PEAKS ISLAND 20667 SF

Valuation Information

Land	Building	Total
\$120,650	\$ 0.00	\$120,650

Property Information

Year Built	Style	Story Height	Sq. Ft.	Total Acres	
				0.94	
Bedrooms	Full Baths	Half Baths	Total Rooms	Attic	Basement

Outbuildings

Type	Quantity	Year Built	Size	Grade	Condition
------	----------	------------	------	-------	-----------

Sales Information

Date	Type	Price	Book/Page
01/12/2000	LAND		15273-317

Picture and Sketch

Picture Sketch

[Click here to view Tax Roll Information.](#)

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mailed](#).



This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information

Card Number	1 of 1
Parcel ID	090 J003001
Location	494 ISLAND AVE
Land Use	SINGLE FAMILY
Owner Address	WRIGHT JOSEPH D & NANCY L JTS 498 ISLAND AVE PEAKS ISLAND ME 04108
Book/Page	13525/273
Legal	90-J-3-6-7-8 ISLAND AVE PEAKS ISLAND 59514 SF

Valuation Information

Land	Building	Total
\$141,230	\$33,490	\$174,720

Property Information

Year Built 1965	Style Ranch	Story Height 1	Sq. Ft. 576	Total Acres 1.366		
Bedrooms 2	Full Baths 1	Half Baths	Total Rooms 3	Attic None	Basement Full	

Outbuildings

Type BOAT DOCK-LT	Quantity 1	Year Built 1900	Size 1X30	Grade C	Condition A
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Sales Information

Date 12/01/1997	Type LAND + BLDING	Price	Book/Page 13525-273
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Picture and Sketch

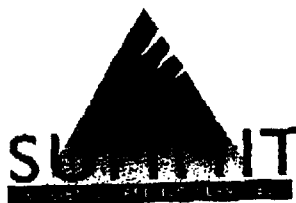
[Picture](#)

[Sketch](#)

[Click here](#) to view Tax Roll Information.

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mailed](#).

New Search!



February 13, 2003

Jeff Preble
26 North Raymond Road
Gray, Maine 04039

Reference: Standard Insulating Concrete Form Wall System

Dear Mr. Preble:

It is our opinion that the Standard insulating concrete form wall system, designed and constructed in accordance with the manufacturers recommendations, meets or exceeds the minimum requirements of the CABO One and Two Family Dwelling Code, which is accepted by ICBO, BOCA, and SBCCI for commercial construction.

If there are any questions, please do not hesitate to call.

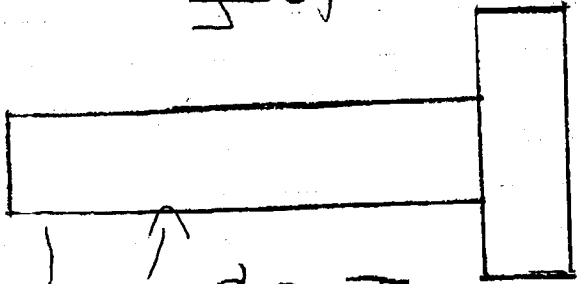
Sincerely,
Summit Geoengineering Services

William M. Peterlein, P.E.



JAN 20 2004

GRADE

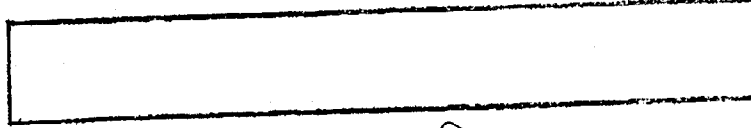


4' WALLS
8" STIFF
STIFF

J. P. C. Inc.
7 Preble Way
Gray, ME 04039
(207) 657-4239
Jeff Preble

NANCY WRIGHT
TIM FLYNN
PEAKS ISLAND

FILTER → ○
MEMBRANE



8" WALL
8" STIFF
STIFF STRUCTURES
NANCY WRIGHT
TIM FLYNN

DAMP PROOF →

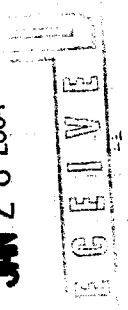


10" X 20" FOOTER

FILTER → ○
MEMBRANE

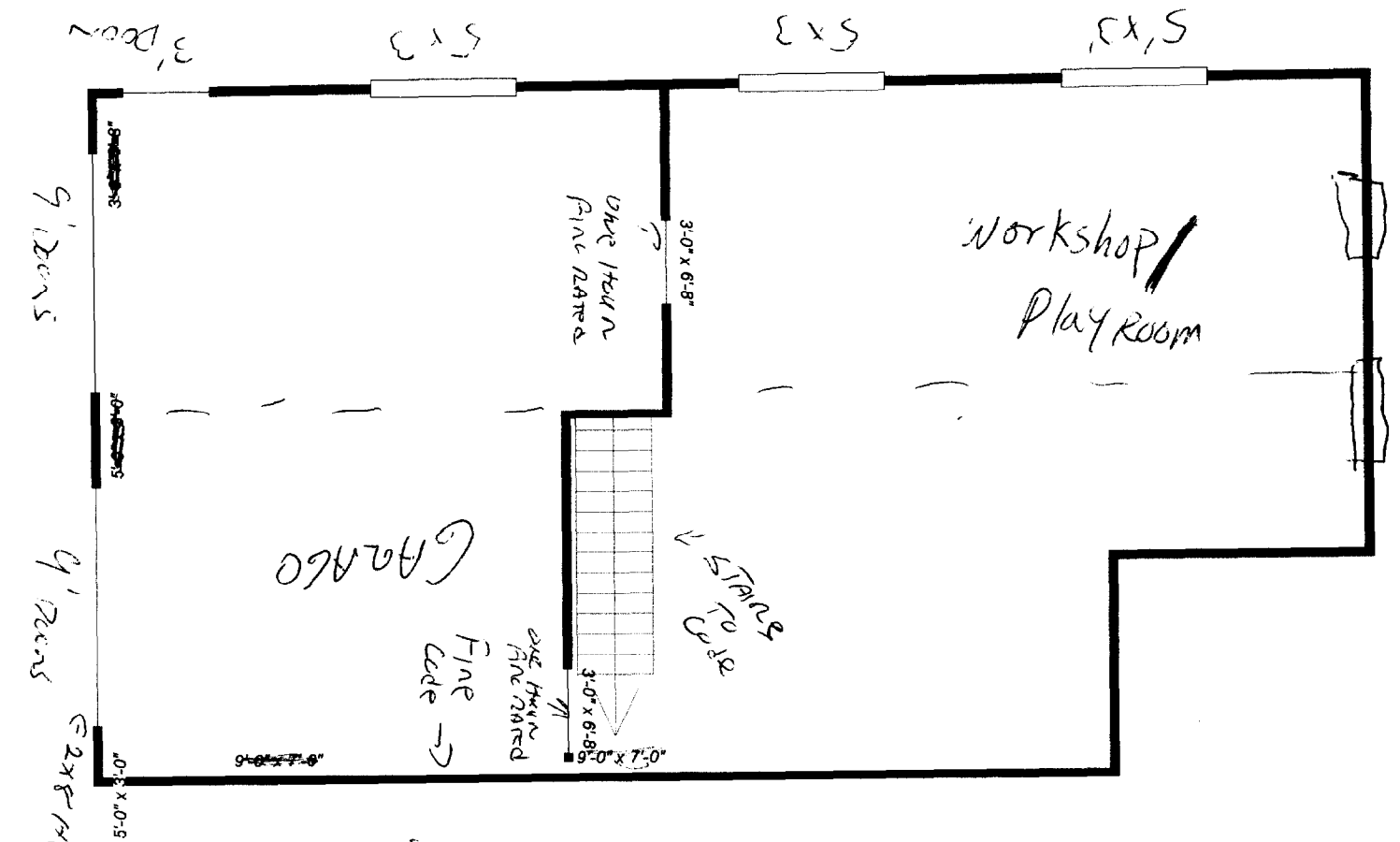
DRAIN TILE INSIDE
AND OUTSIDE IN STONE

JAN 20 2004



water side

ADD TWO WINDOWS



street side

2x8 FLOOR & MINIMUM

FINE CODE ON WALLS AND CEILING TO MEET CODE

CITY OF PORTLAND, MAINE
 APPROVED CONSTRUCTION PLANS
 JAN 27 2004
 SUPERSEDES ALL
 PRIOR DATED PLANS

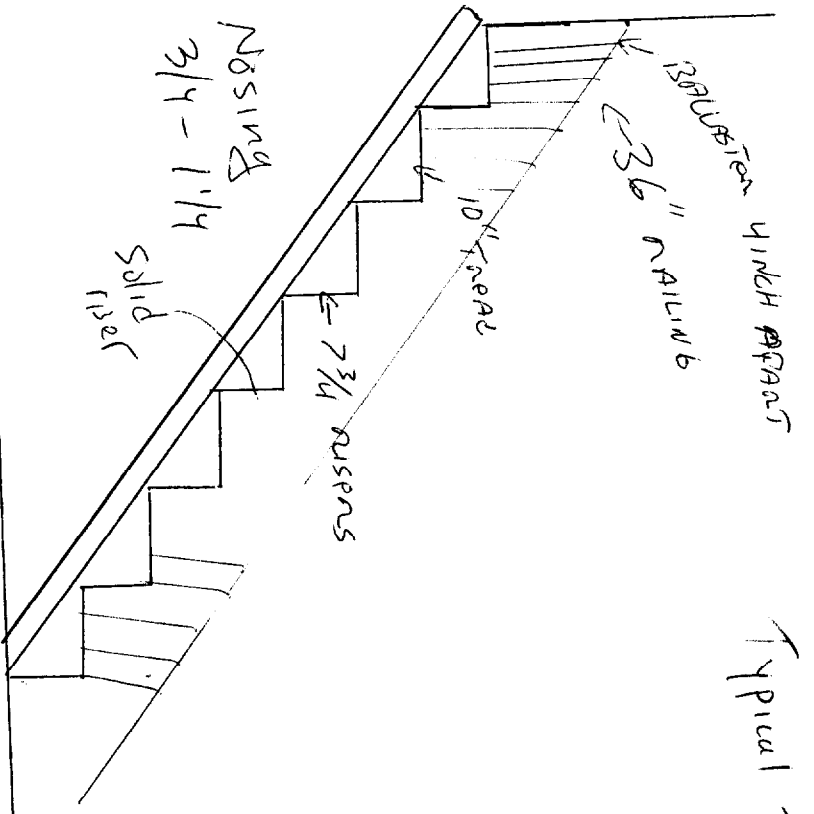
RECEIVE
 JAN 20 2004

Typical Int. & Ext.

7 3/4" max

10' Treads

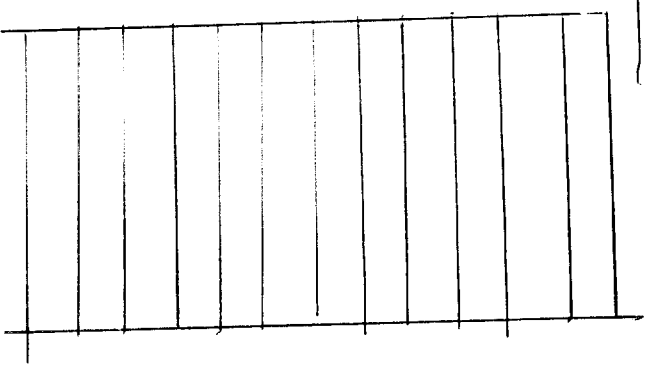
Bannister - 36" Hand rail
BALLASTS
4 inches apart



Proposed STAIRS

Exterior rail
Shaped hand rail for grasp

RECEIVED
JAN 20 2004



36" wide

498 ISLAND AVE

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

PERMIT ISSUED
MAR 08 2004
Permit Number: 031490
CITY OF PORTLAND

PERMIT

This is to certify that Wright Joseph D & Nancy L Burlington Homes
has permission to Build new 27' x 50' Single Family with 2 x 50' deck
AT 498 Island Ave P.I. 090 J004001

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 inspection must be given and work on permit on procedure before this building or part thereof is occupied 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. _____
Health Dept. _____
Appeal Board _____
Other _____
Department Name

Jamie Bouk 3/8/04
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD