

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY ADDRESS:

Town Or Plantation	PORTLAND, CUSHING ISLAND
Street Subdivision Lot #	Lot 5, Whitehorse Passage S.
PROPERTY OWNERS NAME	
Last	MURRAY First: PETER
Applicant Name:	SAME
Mailing Address of Owner/Applicant (If Different)	89 WEST ST. PORTLAND, ME. 04102

FORTLAND	5565	TAPR COPY
Date Permit Issued	10/20/95	\$ 6.00
Local Plumbing Inspector Signature	<i>[Signature]</i>	Fee Charged
L.P.I. #	0.124	

Owner/Applicant Statement
I certify that the information furnished is correct to the best of my knowledge and understand that any fabrication is reason for the Local Plumbing Inspector to deny a Permit.

[Signature] 11/30/95
Signature of Owner/Applicant Date

Caution: Inspection Required
I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

[Signature] 10-31-95
Local Plumbing Inspector Signature Date Approved

PERMIT INFORMATION

<p>THIS APPLICATION IS FOR:</p> <p>1. <input checked="" type="checkbox"/> NEW SYSTEM</p> <p>2. <input type="checkbox"/> REPLACEMENT SYSTEM</p> <p>3. <input type="checkbox"/> EXPANDED SYSTEM</p> <p>4. <input type="checkbox"/> EXPERIMENTAL SYSTEM</p>	<p>THIS APPLICATION REQUIRES:</p> <p>1. <input checked="" type="checkbox"/> NO RULE VARIANCE</p> <p>2. <input type="checkbox"/> NEW SYSTEM VARIANCE Attach New System Variance Form</p> <p>3. <input type="checkbox"/> REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form</p> <p>a. <input type="checkbox"/> Holding Local Plumbing Inspector Approval</p> <p>b. <input type="checkbox"/> Requires State and Local Plumbing Inspector Approval</p> <p>4. <input type="checkbox"/> MINIMUM LOT SIZE VARIANCE</p>	<p>INSTALLATION IS:</p> <p>COMPLETE SYSTEM</p> <p>1. <input checked="" type="checkbox"/> NON ENGINEERED SYSTEM</p> <p>2. <input type="checkbox"/> PRIORITY SYSTEM (Includes Alternative Toilet)</p> <p>3. <input type="checkbox"/> ENGINEERED (+2000 GPD)</p> <p>INDIVIDUALLY INSTALLED COMPONENTS.</p> <p>4. <input type="checkbox"/> TREATMENT TANK (CHILY)</p> <p>5. <input type="checkbox"/> HOLDING TANK _____ GPD</p> <p>6. <input type="checkbox"/> ALTERNATIVE TOILET (ONLY)</p> <p>7. <input type="checkbox"/> NON ENGINEERED DISPOSAL AREA (ONLY)</p> <p>8. <input type="checkbox"/> ENGINEERED DISPOSAL AREA (ONLY)</p> <p>9. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</p>
<p>SEASONAL CONVERSION to be completed by the LPI</p> <p>5. <input type="checkbox"/> SYSTEM COMPLIES WITH RULES</p> <p>6. <input type="checkbox"/> CONNECTED TO SANITARY SEWER</p> <p>7. <input type="checkbox"/> SYSTEM INSTALLED BY _____</p> <p>8. <input type="checkbox"/> SYSTEM DESIGN RECORDED AND ATTACHED</p>	<p>IF REPLACEMENT SYSTEM: YEAR FAILING SYSTEM INSTALLED _____</p> <p>THE FAILING SYSTEM IS:</p> <p>1. <input type="checkbox"/> BED 3. <input type="checkbox"/> TRENCH</p> <p>2. <input type="checkbox"/> COVER 4. <input type="checkbox"/> OTHER _____</p>	<p>DISPOSAL SYSTEM TO SERVE:</p> <p>1. <input checked="" type="checkbox"/> SINGLE FAMILY DWELLING</p> <p>2. <input type="checkbox"/> MODULAR OR MOBILE HOME</p> <p>3. <input type="checkbox"/> MULTIPLE FAMILY DWELLING</p> <p>4. <input type="checkbox"/> OTHER _____ SPECIFY _____</p>
<p>SIZE OF PROPERTY ZONING</p> <p>3.29 ± AC. C-HARLAND</p>	<p>TYPE OF WATER SUPPLY</p> <p>DRILLED WELL</p>	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <p>1. <input checked="" type="checkbox"/> EFFIC, <input type="checkbox"/> Regular</p> <p>2. <input type="checkbox"/> ALTERNATIVE</p> <p>SIZE: 1500 GALS</p>	<p>WATER CONSERVATION</p> <p>1. <input checked="" type="checkbox"/> NONE</p> <p>2. <input type="checkbox"/> LOW VOLUME TOILET</p> <p>3. <input type="checkbox"/> SEPARATED LAUNDRY SYSTEM</p> <p>4. <input type="checkbox"/> ALTERNATIVE TOILET</p> <p>SPECIFY: _____</p>	<p>PUMPING</p> <p>1. <input checked="" type="checkbox"/> NOT REQUIRED</p> <p>2. <input type="checkbox"/> MAY BE REQUIRED (DEPENDS ON TREATMENT TANK LOCATION AND ELEVATION)</p> <p>3. <input type="checkbox"/> REQUIRED</p> <p>DOSE: _____ GALS</p>	<p>CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)</p> <p>4 Bedrooms @ 90 GPD</p>				
<p>SOIL CONDITIONS USED FOR DESIGN PURPOSES</p> <table border="1"> <tr> <th>PROFILE</th> <th>CONDITION</th> </tr> <tr> <td>2</td> <td>AH/C</td> </tr> </table> <p>DEPTH TO LIMITING FACTOR: 38.</p>	PROFILE	CONDITION	2	AH/C	<p>SIZE RATINGS & FLOW DESIGN PURPOSES</p> <p>1. <input type="checkbox"/> SMALL</p> <p>2. <input type="checkbox"/> MEDIUM</p> <p>3. <input checked="" type="checkbox"/> MEDIUM LARGE</p> <p>4. <input type="checkbox"/> LARGE</p> <p>5. <input type="checkbox"/> EXTRA LARGE</p>	<p>DISPOSAL AREA TYPE/SIZE</p> <p>1. <input type="checkbox"/> BED _____ Sq Ft</p> <p>2. <input type="checkbox"/> CHAMBER _____ Sq Ft</p> <p> <input type="checkbox"/> REGULAR <input type="checkbox"/> H30</p> <p>3. <input type="checkbox"/> TRENCH _____ Linear Ft</p> <p>4. <input checked="" type="checkbox"/> OTHER <i>INTERMEDIATE SPACING</i></p>	<p>DESIGN FLOW: 360 (GALLONS/DAY)</p>
PROFILE	CONDITION						
2	AH/C						

SITE EVALUATOR STATEMENT

On 8/25/95 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

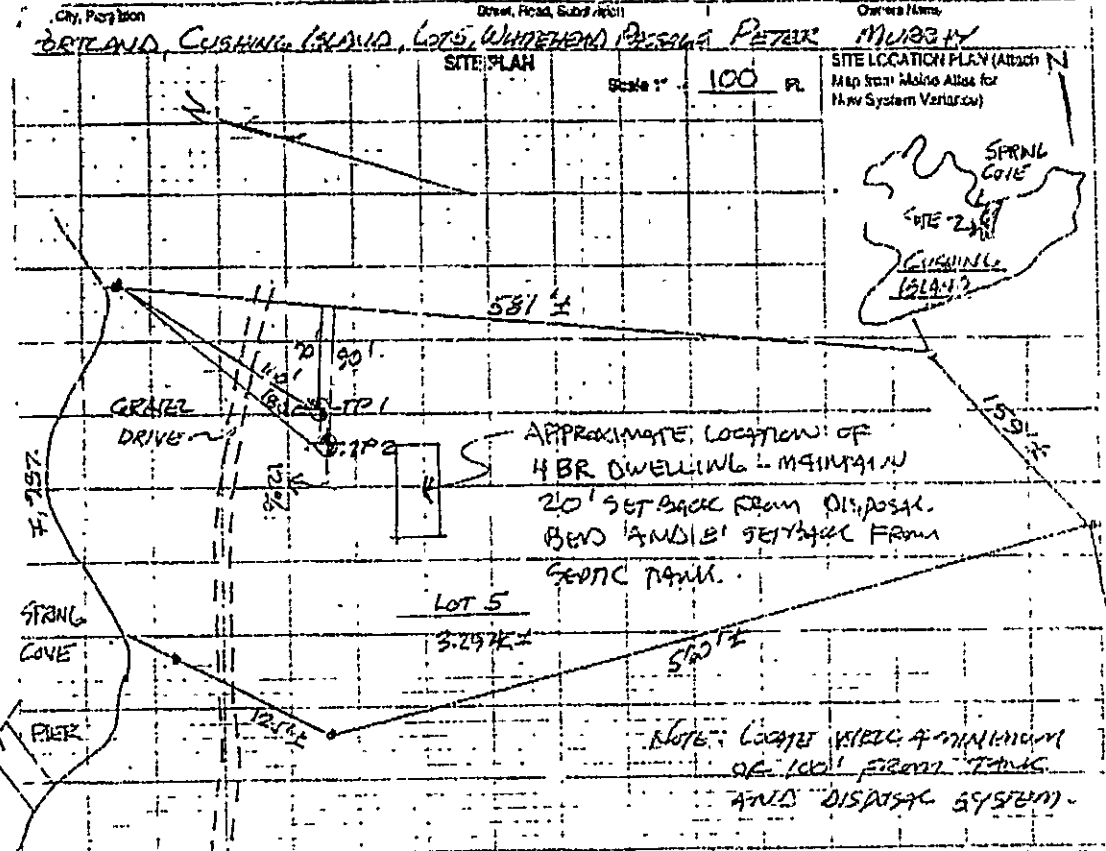
[Signature] 185 9/1/95
Site Evaluator Signature SE# Date

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion)

Page: 1 of 3
Form 220 Rev. 11/90

05-1995 18135 PETER L. MURRAY CAMBRIDGE
SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

P. 13
 DIVISION OF PUBLIC WORKS
 Division of Health Engineering



SOIL DESCRIPTION AND CLASSIFICATION

Observation Hole 1 Test Pit Boring

Depth of Organic Horizon Above Mineral Soil 1/2

DEPTH BELOW MINERAL SOIL SURFACE (Feet)	Texture	Consistency	Color	Mottling
0				
0-2	CLAY	MOIST	CLAY	NONE
2-4	SAND	MOIST	BROWN	EVIDENT
4-6	SAND	LOOSE		
6-8	BRIDGE			
8-10	ROCKS			
10-12				
12-14				
14-16				
16-18				
18-20				
20-22				
22-24				
24-26				
26-28				
28-30				
30-32				
32-34				
34-36				
36-38				
38-40				
40-42				
42-44				
44-46				
46-48				
48-50				
50-52				
52-54				
54-56				
56-58				
58-60				
60-62				
62-64				
64-66				
66-68				
68-70				
70-72				
72-74				
74-76				
76-78				
78-80				
80-82				
82-84				
84-86				
86-88				
88-90				
90-92				
92-94				
94-96				
96-98				
98-100				

Soil Classification: **AHIC** Slope: **12%** L₁₀ Ling Factor: **38**

Observation Hole 2 Test Pit Boring

Depth of Organic Horizon Above Mineral Soil 1/2

DEPTH BELOW MINERAL SOIL SURFACE (Feet)	Texture	Consistency	Color	Mottling
0				
0-2	CLAY	MOIST	CLAY	NONE
2-4	SAND	MOIST	BROWN	EVIDENT
4-6	SAND	LOOSE		
6-8	BRIDGE			
8-10	ROCKS			
10-12				
12-14				
14-16				
16-18				
18-20				
20-22				
22-24				
24-26				
26-28				
28-30				
30-32				
32-34				
34-36				
36-38				
38-40				
40-42				
42-44				
44-46				
46-48				
48-50				
50-52				
52-54				
54-56				
56-58				
58-60				
60-62				
62-64				
64-66				
66-68				
68-70				
70-72				
72-74				
74-76				
76-78				
78-80				
80-82				
82-84				
84-86				
86-88				
88-90				
90-92				
92-94				
94-96				
96-98				
98-100				

Soil Classification: **AHIC** Slope: **12%** L₁₀ Ling Factor: **40**

Site Engineer Signature: Daniel J. Knif 185 Date: 9/1/95 Page: 1 of 3
 MIC 200 Rev 1/84

SURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Professional Engineer
State of Maine

Project: ISLAND, COUSHING ISLAND, LOT 5, WINTERWOOD DRIVE

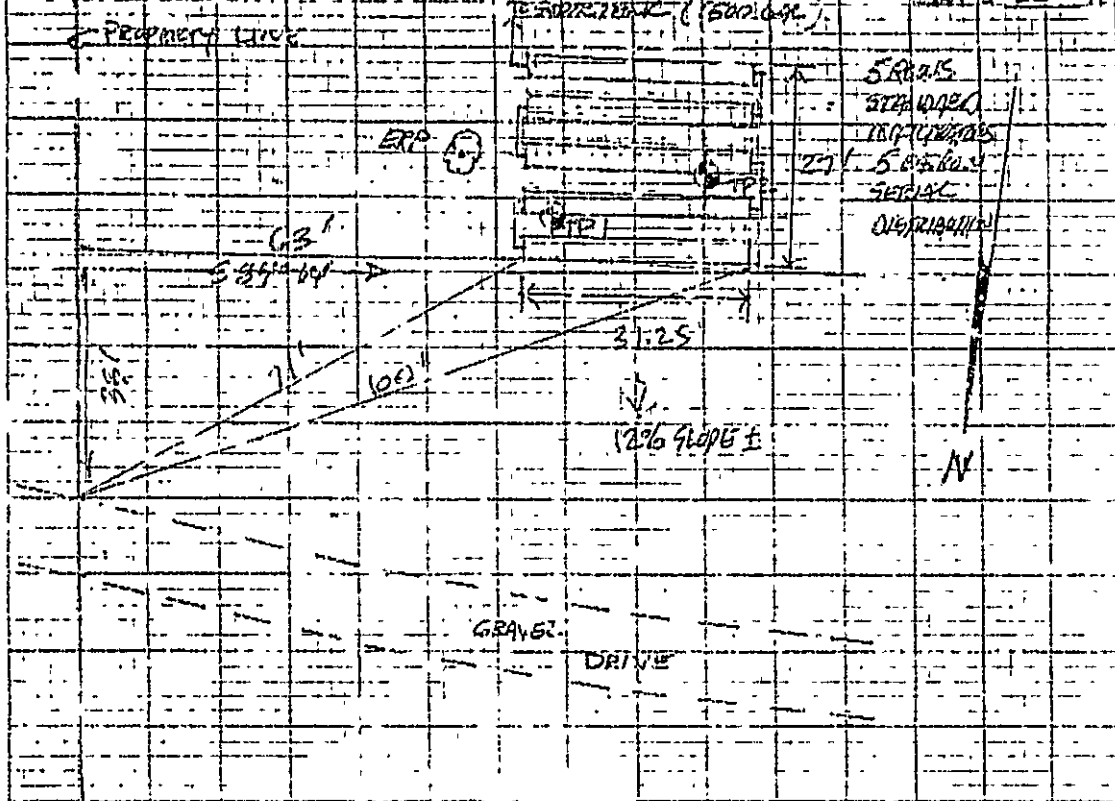
Site, Road, Subdivision

Contract Name

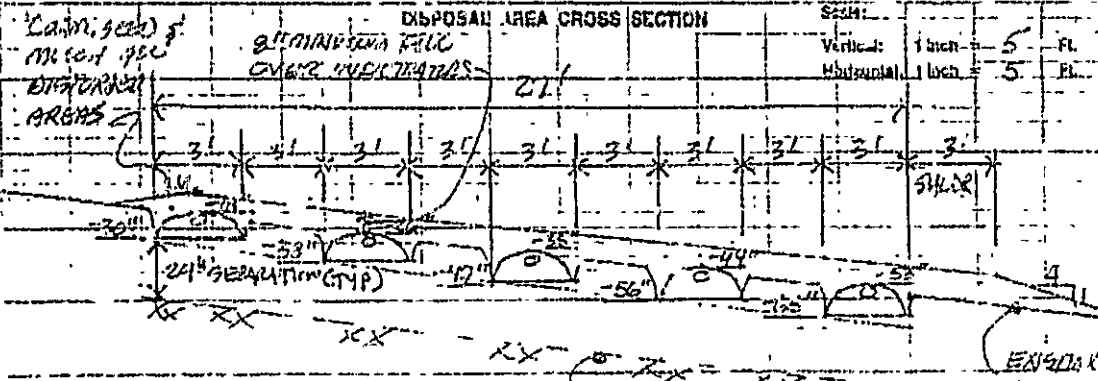
PETER MURRAY

SURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20' H



FILL REQUIREMENTS	CONSTRUCTION NOTATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope) <u>8"</u>	Reference Elevation to Bottom of Disposal Area <u>5.0E X-REF</u>	<u>1.0E2 NAIL IN 10" W. BIRCH</u>
Depth of Fill (Downslope) <u>9"</u>	Top of Distribution Lines or Chambers <u>" "</u>	<u>SET 2.5" ABOVE GRADE</u>



5 ROWS OF STANDARD
110 INFLUATORS
SERIAL DISTRIBUTION

D. A. KIRK

185

9/1/95