

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 105
(207) 287-5672 Fax: (207) 287-31

PROPERTY LOCATION

City, Town, or Plantation: **PORTLAND - GDI**
 Street or Road: **WEST SHORE DRIVE**
 Subdivision, Lot #: **LOTS 5, DIAMOND COVE**

PORTLAND
 Date Permit Issued: **4/27/02**
 Local Plumbing Inspector Signature: *[Signature]*
 8177 TOWN COPY
 \$ **11.00** FEE Charged If Double Fee Charged
 L.P.I. # **0642**

OWNER/APPLICANT INFORMATION

Name (last, first, MI): **FITCH RONALD**
 Owner Applicant
 Mailing Address of Owner/Applicant: **DIAMOND COVE
 GREAT DIAMOND ISLAND 04109**
 Daytime Tel. #: **766-5886**

03-4003-0881 is attached HERE by the Local Plumbing Inspector. I authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

OWNER OR APPLICANT STATEMENT

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.

CAUTION: INSPECTION REQUIRED
 I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.
 (1st) date approved _____
 (2nd) date approved _____

PERMIT INFORMATION

TYPE OF APPLICATION
 1. First Time System
 2. Replacement System
 Type replaced: _____
 Year installed: _____
 3. Expanded System
 a. Minor Expansion
 b. Major Expansion
 4. Experimental System
 5. Seasonal Conversion

THIS APPLICATION REQUIRES
 1. No Rule Variance
 2. First Time System Variance
 a. Local Plumbing Inspector Approval
 b. State & Local Plumbing Inspector Approval
 3. Replacement System Variance
 a. Local Plumbing Inspector Approval
 b. State & Local Plumbing Inspector Approval
 4. Minimum Lot Size Variance
 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS
 1. Complete Non-engineered System
 2. Primitive System (graywater & alt. toilet)
 3. Alternative Toilet, specify: _____
 4. Non-engineered Disposal Area
 5. Holding Tank, _____ gallons
 6. Non-engineered Disposal Field (only)
 7. Separated Laundry System
 8. Complete Engineered System (2000 gpd or more)
 9. Engineered Treatment Tank (only)
 10. Engineered Disposal Field (only)
 11. Pre-treatment, specify: _____
 12. Miscellaneous Components

SIZE OF PROPERTY
47,881 SQ. FT. LACRES
SHORELAND ZONING
 Yes No

DISPOSAL SYSTEM TO SERVE
 1. Single Family Dwelling Unit, No. of Bedrooms: **3**
 2. Multiple Family Dwelling, No. of Units: _____
 3. Other: _____ (specify)
 Current Use Seasonal Year Round Undeveloped

TYPE OF WATER SUPPLY
 1. Drilled Well 2. Dug Well 3. Private
 4. Public 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
 1. Concrete
 a. Regular
 b. Low Profile
 2. Plastic
 3. Other: _____
 CAPACITY: **1000** GAL.

DISPOSAL FIELD TYPE & SIZE
 1. Stone Bed 2. Stone Trench
 3. Proprietary Device
 a. cluster array c. Linear
 b. regular load d. H-20 load
 4. Other: **ENVIRO SEPTIC**
 SIZE: **222** sq. ft. lin. ft.

GARBAGE DISPOSAL UNIT
 1. No 2. Yes 3. Maybe
 If Yes or Maybe, specify one below:
 a. multi-compartment tank
 b. _____ tanks in series
 c. increase in tank capacity
 d. Filter on Tank Outlet

DESIGN FLOW
220 gallons per day
 BASED ON:
 1. Table 501.1 (dwelling unit(s))
 2. Table 501.2 (other facilities)
SHOW CALCULATIONS
 — for other facilities —

SOIL DATA & DESIGN CLASS
 PROFILE CONDITION DESIGN
L C 1
 at Observation Hole # **2**
 Depth **30**
 of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
 1. Small—2.0 sq. ft. / gpd
 2. Medium—2.6 sq. ft. / gpd
 3. Medium—Large 3.3 sq. ft. / gpd
 4. Large—4.1 sq. ft. / gpd
 5. Extra Large—5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP
 1. Not Required
 2. May Be Required
 3. Required
 Specify only for engineered systems:
 DOSE: _____ gallons

3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SITE EVALUATOR STATEMENT

I certify that on **4/19/02** (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).
David A. Kamila
 Site Evaluator Signature **185** SE # **4/25/02** Date

DAVID A. KAMILA
 Site Evaluator Name Printed

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5872 FAX (207) 287-4172

Town, City, Plantation

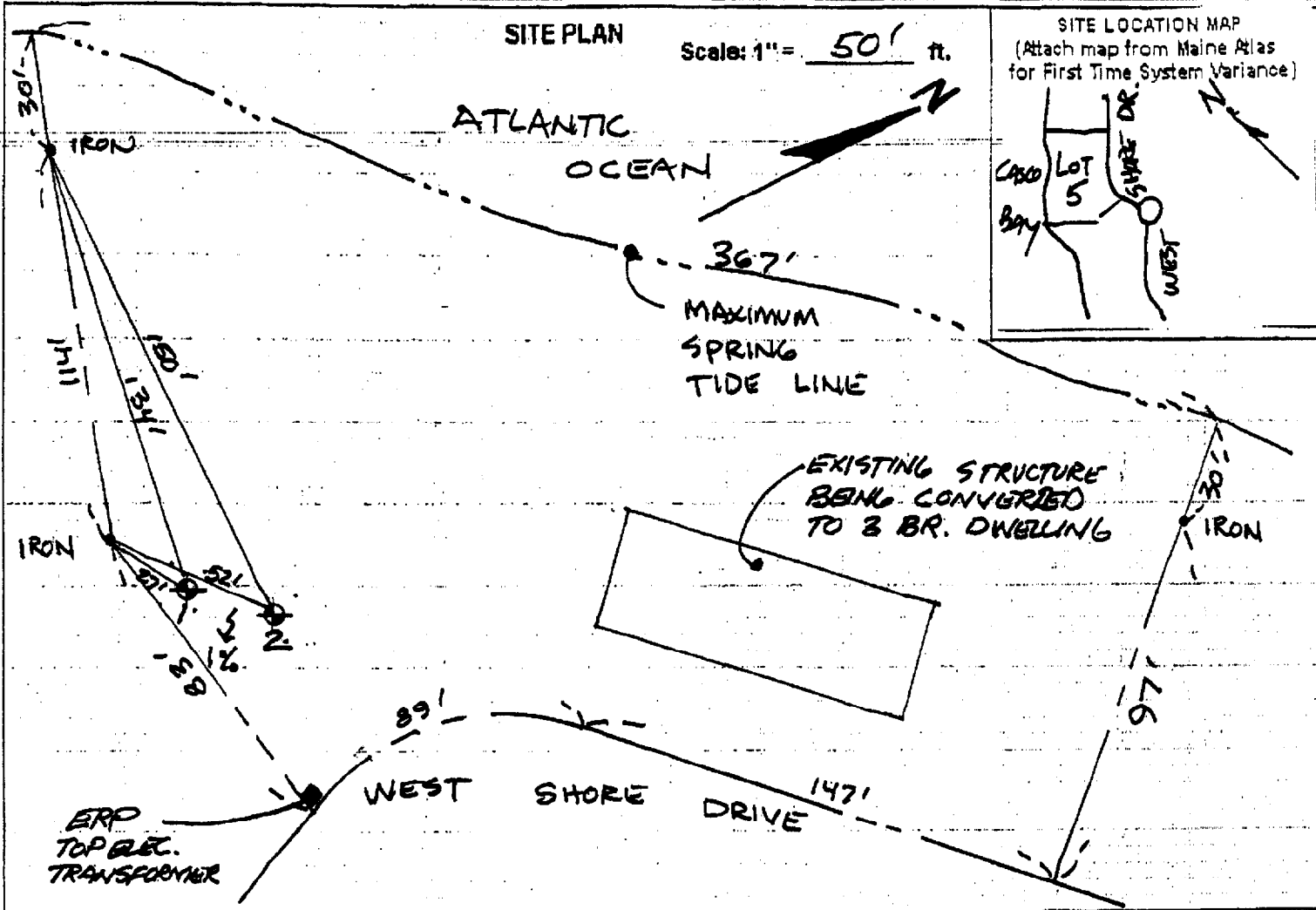
PORTLAND - GDI

Street, Road, Subdivision

LOT 5 WEST SHORE DRIVE

Owner or Applicant Name

RON FITCH



SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole # 1 Test Pit Boring

1 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
0			
SILT LOAM	FRAGILE	MED. BROWN	
6			
LOAMY	LOOSE	LIGHT	
12			
SAND		BROWN	
18			
24			
30			
36			
42			FEW
48			
Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth
<u>7</u>	<u>C</u>	<u>1</u>	<u>36</u>

Groundwater
 Restrictive Layer
 Bedrock

Observation Hole # 2 Test Pit Boring

1 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
0			
SILT LOAM	FRAGILE	DARK BROWN	
6			
LOAM		OLIVE	
12			
		BROWN	
18			
24			
30			
36			FEW ROOTS TO 36"
42			
48			
Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth
<u>1</u>	<u>C</u>	<u>1</u>	<u>30</u>

Groundwater
 Restrictive Layer
 Bedrock

Dick Kiel

185

4/25/07

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LOTS WEST SHORE DRIVE

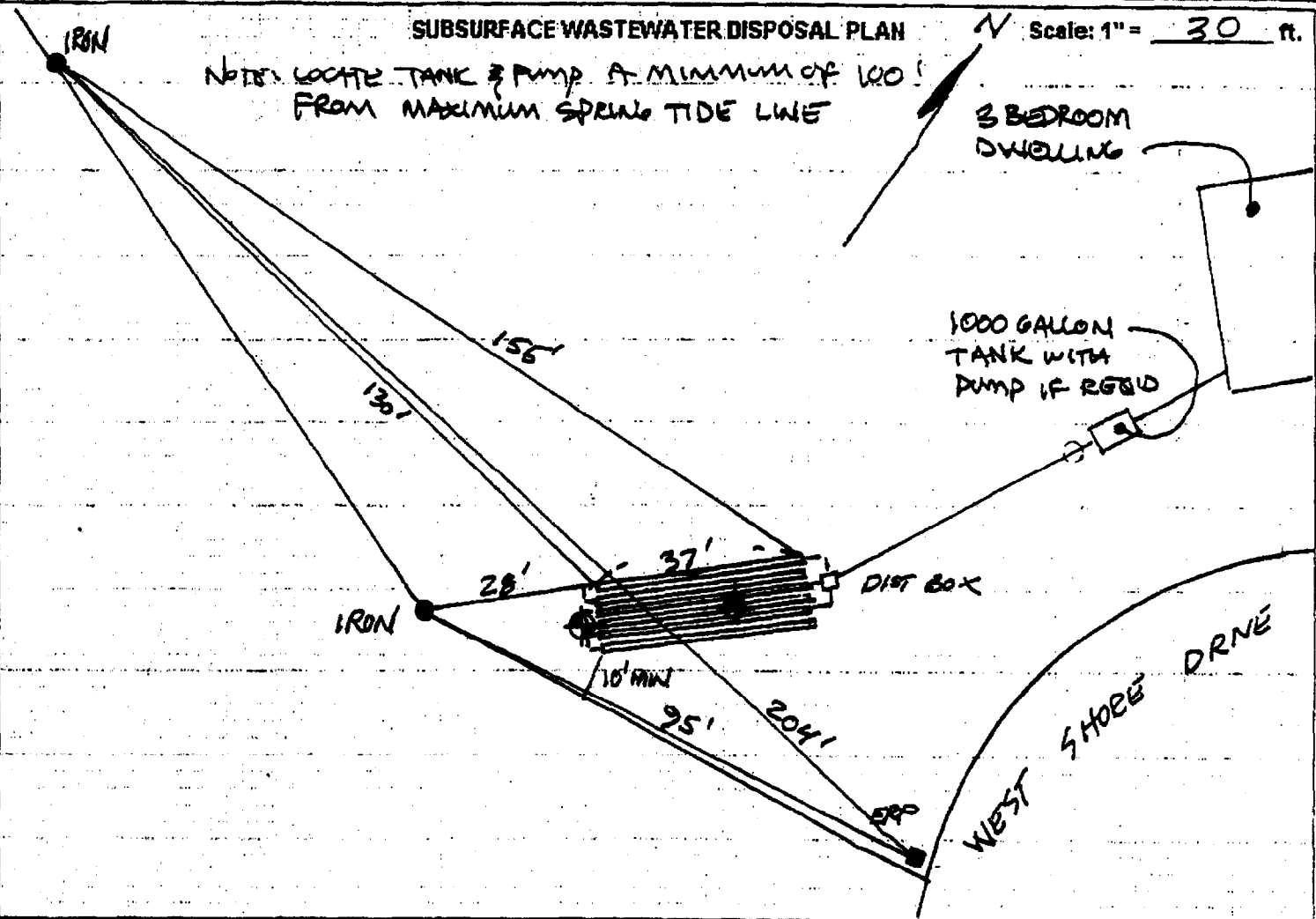
Owner or Applicant Name

RON FITCH

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 30 ft.

NOTE: LOCATE TANK & PUMP A MINIMUM OF 100' FROM MAXIMUM SPRING TIDE LINE



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) _____"
 Depth of Backfill (downslope) _____"
 DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

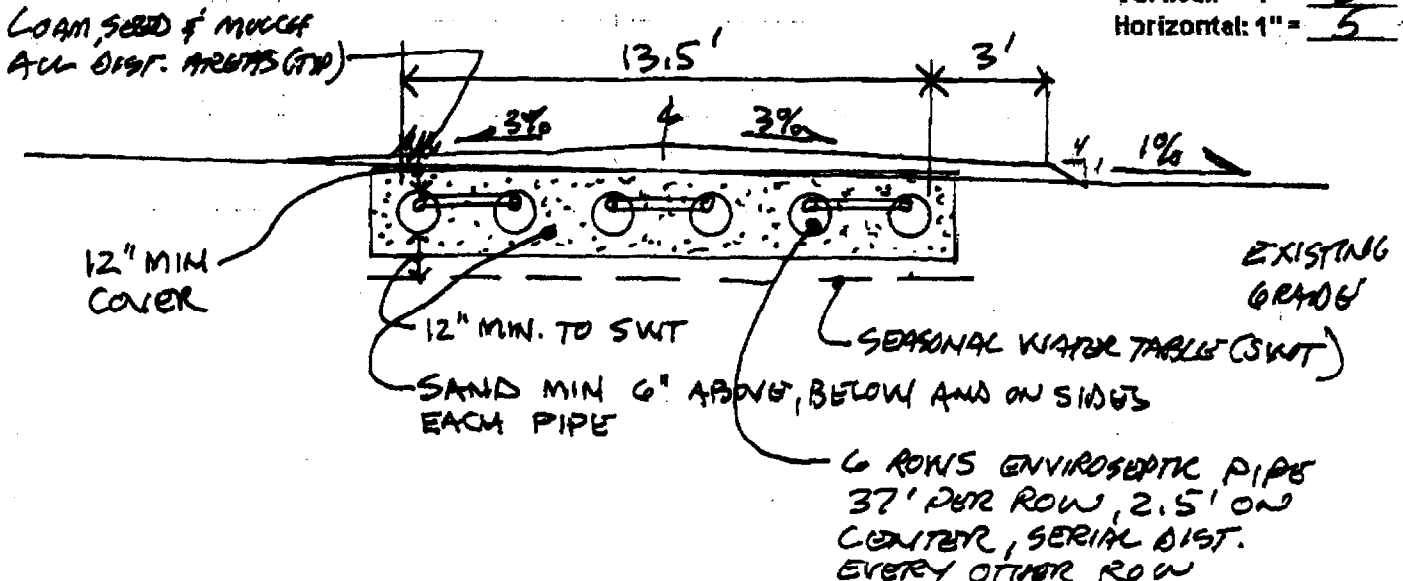
Finished Grade Elevation _____"
 Top of Distribution Pipe or Proprietary Device _____"
 Bottom of Disposal Field _____"

ELEVATION REFERENCE POINT

Location & Description: _____
 Reference Elevation is: 0.0" or _____

DISPOSAL FIELD CROSS-SECTION

Scales:
 Vertical: 1" = 5 ft.
 Horizontal: 1" = 5 ft.



Daniel A. Fitch
 Site Evaluator Signature

185
 SE #

4/26/02
 Date

OWNER/APPLICANT/INSTALLER RESPONSIBILITIES

(revised March 17, 2000)

1. The owner/applicant named on this sub-surface wastewater disposal system application shall be responsible for the accuracy of the property line, well, underground utility, easement, dwelling size, bedroom count and other information depicted on this application which is not readily apparent and shall verify this information prior to signing this application. Land Use Consultants, Inc.(LUC) has relied on the representations by the owner/applicant for this information, and, if it is determined to be incorrect, the application shall be considered null and void. The owner/applicant shall indemnify and hold harmless LUC from any liability for any subsequent damages resulting therefrom. All costs associated with revisions, amendments and re-designs necessary to correct any owner/applicant misinformation will be billed to the owner/applicant.
2. The Maine Subsurface Waste Water Disposal Rules adopted by the State of Maine Department of Human Services pursuant to Title 22 MRSA §42 (State Plumbing Code) are incorporated in this application by reference and it is the responsibility of the owner/applicant and the installer to comply with all the requirements therein. The owner/applicant and the installer shall contact LUC with any questions related to this application. Any changes made to this application without the written consent of LUC shall render this application null and void and shall relieve LUC from any liability for any damages resulting therefrom.
3. The owner/applicant and the installer shall be responsible for compliance with all other applicable rules under local, state and federal jurisdiction including but not limited to; local zoning including Shoreland Zoning and flood plain ordinances, Natural Resources Protection Act, wetland regulations, subdivision regulations, Site Location of Development Law, Minimum Lot Size Law, Occupational Safety and Health Administration, and Dig Safe.
4. The owner/applicant or installer shall inform LUC if any local rules are more restrictive than the State Plumbing Code prior to construction and LUC will make any necessary revisions at no additional cost to the owner/applicant.
5. Garbage Disposals should not be installed without notifying LUC and will require increasing the septic tank size by 50% or installing a second tank in series.
6. You should have your septic tank pumped out and inspected every 3 years or sooner if signs of a malfunction occur such as slow draining, soft spots over the disposal bed or surfacing effluent.
7. Do not pour grease, oils, paint, chemicals or any commercial cleaners or additives to the system as they can cause premature failure.
8. Do not connect roof drains, foundation drains or water softeners to your system as they will

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Cause hydraulic overload and failure of your system.

9. Keep a record of the location of your septic tank and the pumping schedule for future Reference.
10. Do not allow any vehicles or heavy loads over your septic tank or system unless they are Designed to handle them.
11. This application was prepared based on information provided by the owner/applicant at the Time of the site evaluation and any subsequent changes which may materially affect this design such as but not limited to installation of wells by an abutter within the required set-back distance should be reported to LUC or this application shall be null and void.