

# ELECTRICAL PERMIT

## City of Portland, Me.



To the Chief Electrical Inspector, Portland Maine:  
 The undersigned hereby applies for a permit to make electrical installations  
 in accordance with the laws of Maine, the City of Portland Electrical Ordinance,  
 National Electrical code and the following specification:

Date 06 Oct 95

LOCATION: Lot 5 Rock Ledge Ave LDI

Permit # 3695

OWNER Project Management/C. Hagge ADDRESS \_\_\_\_\_

|                   |                   |             |                 |     |     | TOTAL EACH FEE |                         |
|-------------------|-------------------|-------------|-----------------|-----|-----|----------------|-------------------------|
| OUTLETS           |                   |             |                 |     |     |                |                         |
|                   | Receptacles       | Switches    |                 |     |     |                | .20                     |
| FIXTURES          | (number of)       |             |                 |     |     |                |                         |
|                   | Incandescent      | fluorescent |                 |     |     |                | .20                     |
|                   | fluorescent strip |             |                 |     |     |                | .20                     |
| SERVICES          |                   |             |                 |     |     |                |                         |
|                   | Overhead          |             | TTL AMPS TO     | 800 |     |                | 15.00                   |
|                   | Underground       |             |                 | 800 |     |                | 15.00                   |
| ✓ TEMPORARY SERV. |                   |             |                 |     |     |                |                         |
|                   | ✓ Overhead        |             | AMPS OVER       | 800 | 100 | 25.00          | 25.00                   |
|                   | Underground       |             |                 | 800 |     |                | 25.00                   |
| METERS            | (number of)       |             |                 |     |     |                | 1.00                    |
| MOTORS            | (number of)       |             |                 |     |     |                | 2.00                    |
| RES/COM           | Electric units    |             |                 |     |     |                | 1.00                    |
| HEATING           | oil/gas units     |             |                 |     |     |                | 5.00                    |
| APPLIANCES        | Ranges            | Cook Tops   | Wall Ovens      |     |     |                | 2.00                    |
|                   | Water heaters     | Fans        | Dryers          |     |     |                | 2.00                    |
| Disposals         | Disin. washer     | Compactors  | Others (denote) |     |     |                | 2.00                    |
| MISC. (number of) | Air Cond/win      |             |                 |     |     |                | 3.00                    |
|                   | Air Cond/cent     |             |                 |     |     |                | 10.00                   |
|                   | Signs             |             |                 |     |     |                | 5.00                    |
|                   | Pools             |             |                 |     |     |                | 10.00                   |
|                   | Alarms/res        |             |                 |     |     |                | 5.00                    |
|                   | Alarms/com        |             |                 |     |     |                | 15.00                   |
|                   | Heavy Duty        |             |                 |     |     |                | 2.00                    |
|                   | Outlets           |             |                 |     |     |                |                         |
|                   | Circus/Carnv      |             |                 |     |     |                | 25.00                   |
|                   | Alterations       |             |                 |     |     |                | 5.00                    |
|                   | Fire Repairs      |             |                 |     |     |                | 15.00                   |
|                   | E Lights          |             |                 |     |     |                | 1.00                    |
|                   | E Generators      |             |                 |     |     |                | 20.00                   |
|                   | Panels            |             |                 |     |     |                | 4.00                    |
| TRANSFER          | 0-25 Kva          |             |                 |     |     |                | 5.00                    |
|                   | 25-200 Kva        |             |                 |     |     |                | 8.00                    |
|                   | Over 200 Kva      |             |                 |     |     |                | 10.00                   |
|                   |                   |             |                 |     |     |                | TOTAL AMOUNT DUE        |
|                   |                   |             |                 |     |     |                | MINIMUM FEE 25.00 25.00 |

INSPECTION: Will be ready Ready or will call \_\_\_\_\_

CONTRACTORS NAME John Perry  
 ADDRESS 381 Danforth St  
 TELEPHONE 773-5824  
 MASTER LICENSE No. 3695 SIGNATURE OF CONTRACTOR \_\_\_\_\_  
 LIMITED LICENSE No. \_\_\_\_\_

*John Perry*

ELECTRICAL INSTALLATIONS —

Permit Number 3025

Location Box 5 Rock Lee LA

Owner C. H. H. H.

Date of Permit 10-6-95

Final Inspection 10-6-95

By Inspector Steve R. [Signature]

INSPECTIONS: Service 10-6-95 by YS  
Service called in 11:20 AM  
Closing-in \_\_\_\_\_ by \_\_\_\_\_

PROGRESS INSPECTIONS: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
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| DATE: | REMARKS: |
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*[Handwritten signature]*

**SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION**

Department of Human Services  
Division of Health Engineering  
(207) 289-3828

**PROPERTY ADDRESS**

Town Or Plantation: PORTLAND

Street: Rockledge Ave

Subdivision Lot #: Little Diamond Tr Lot # 5

**PROPERTY OWNERS NAME**

Last: DAVIS First: Richard

Applicant Name: Same

Mailing Address of Owner/Applicant (if Different): 415 Congress St Portland, Me 04101

**Town**

PORTLAND PERMIT # 4160 STATE COPY

Date Permitted: 12/4/86 Fee: \$140.00  Public Fee Charged

Richard M. Williams L.P.L. # 01241  
Local Plumbing Inspector Signature

Chief Plumbing Inspector

**Owner/Applicant Statement**

I certify that the information submitted is correct to the best of my knowledge and understand that my justification is reason for the Local Plumbing Inspector to deny a Permit.

Richard M. Williams Date: 7-8-91

**Caution: Inspection Required**

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

Paul W. [Signature] Date Approved: 6/16/91  
Local Plumbing Inspector Signature

**PERMIT INFORMATION**

**THIS APPLICATION IS FOR:**

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- SEASONAL CONVERSION
- EXPERIMENTAL SYSTEM

**THIS APPLICATION REQUIRES:**

- NO RULE VARIANCE REQUIRED
- NEW SYSTEM VARIANCE  
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE  
Attach Replacement System Variance Form
- Requires only Local Plumbing Inspector Approval
- Requires both State and Local Plumbing Inspector Approval

**INSTALLATION IS COMPLETE SYSTEM**

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM (Includes Alternative Toilet)
- ENGINEERED (+2000 gpd)

**INDIVIDUALLY INSTALLED COMPONENTS:**

- TREATMENT TANK (ONLY)
- HOLDING TANK
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

**IF REPLACEMENT SYSTEM:**

YEAR FAILING SYSTEM INSTALLED: \_\_\_\_\_

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER: \_\_\_\_\_

**DISPOSAL SYSTEM TO SERVE:**

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER: \_\_\_\_\_ SPECIFY: \_\_\_\_\_

**TYPE OF WATER SUPPLY**

Portland Water Dist

SIZE OF PROPERTY: 54,000 <sup>sq</sup>

ZONING: Shoreland

**TREATMENT TANK**

- SEPTIC:  Regular  Low Profile
- AEROBIC

SIZE: 1000 GALS

**WATER CONSERVATION**

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: \_\_\_\_\_

**PUMPING**

- NOT REQUIRED
- MAY BE REQUIRED (DEPENDS ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: \_\_\_\_\_ GALS

**CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECOBDS, ETC.)**

3 Bedroom Residence

**SOIL CONDITIONS USED FOR DESIGN PURPOSES**

| PROFILE  | CONDITION |
|----------|-----------|
| <u>3</u> | <u>C</u>  |

DEPTH TO LIMITING FACTOR: 27

**SIZE RATINGS USED FOR DESIGN PURPOSES**

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

**DISPOSAL AREA TYPE/SIZE**

- BED 20x70 Sq. Ft.
- CHAMBER 384 Sq. Ft.
- TRENCH \_\_\_\_\_ Linear Ft.
- OTHER: \_\_\_\_\_

**DESIGN FLOW:** 270 (GALLONS/DAY)

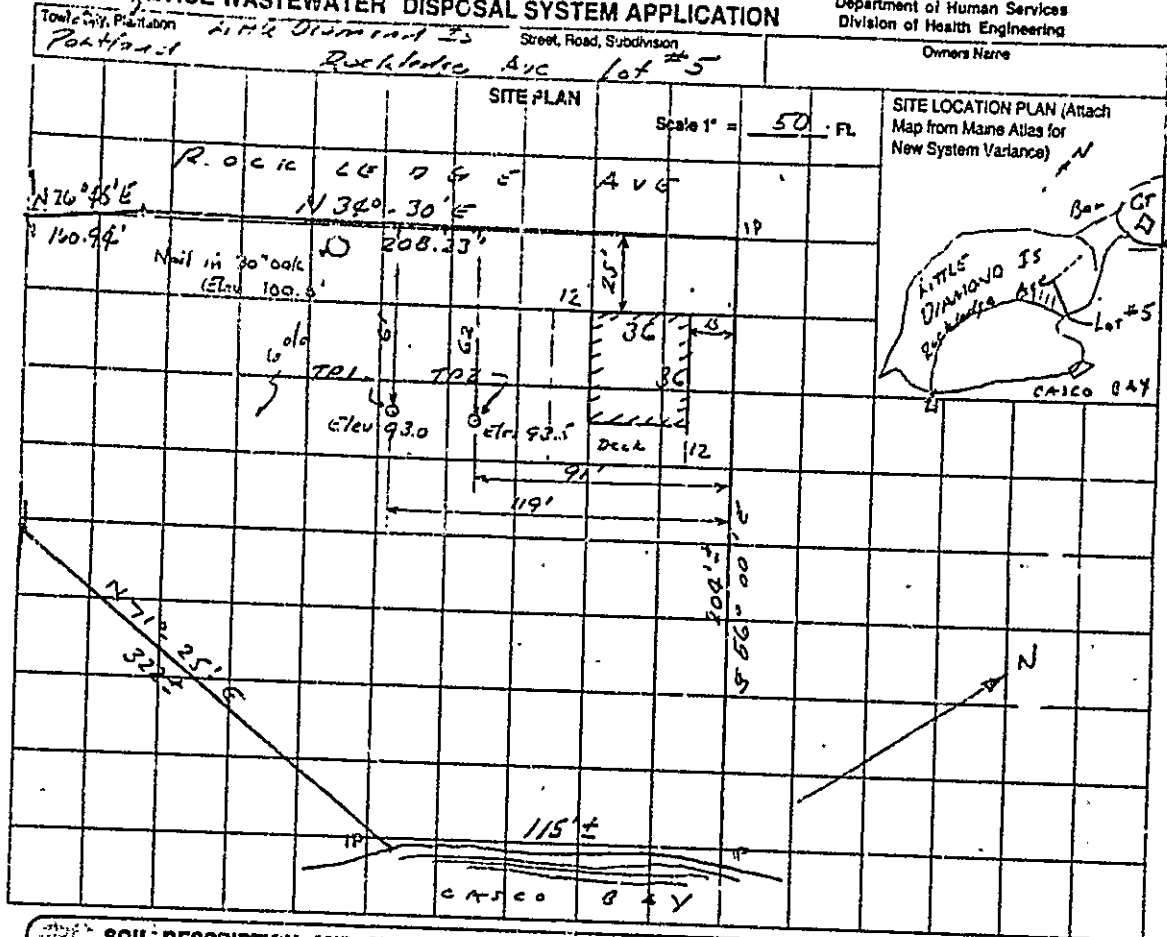
**SITE EVALUATOR STATEMENT**

On 5-30-86 (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.

Richard M. Williams 143/1513 7-20-86  
Site Evaluator or Professional Engineer's Signature SE # PE # Date

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering



| SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above) |               |  |               |  |
|---|---------------|--|---------------|--|
| Observation Hole 1  |               | <input checked="" type="checkbox"/> Test Pit <input type="checkbox"/> Boring |               |  |
| 0" Depth of Organic Horizon Above Mineral Soil                                  |               |  |               |  |
| Texture   | Consistency   | Color  | Mottling      |  |
| P.S.L.  | Loose         | Ok Brn   | -             |  |
| Med   |               |  |               |  |
| Loamy   | Friable       | Brn  |               |  |
| Sand  |               |  |               |  |
| Med Silty Sand  | Brn           | Brn  | Ract to 28"   |  |
| Silty Sand  | Firm          | Gy Brn   | ✓             |  |
| Silty Sand  | Firm          | Gy Brn   | ✓             |  |
| Soil Profile  | Class. Factor | Slope  | Liming Factor | Disposal Method  |
| 3   | C             | 6%   | 28'           | <input type="checkbox"/> Direct Disposal<br><input type="checkbox"/> Percolation |

| SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above) |               |  |               |  |
|---|---------------|--|---------------|--|
| Observation Hole 2  |               | <input checked="" type="checkbox"/> Test Pit <input type="checkbox"/> Boring |               |  |
| 0" Depth of Organic Horizon Above Mineral Soil                                  |               |  |               |  |
| Texture   | Consistency   | Color  | Mottling      |  |
| P.S.L.  | Loose         | Ok Brn   | -             |  |
| Med   |               |  |               |  |
| Loamy   | Friable       | Brn  |               |  |
| Sand  |               |  |               |  |
| Med Silty Sand  | Brn           | Brn  | Ract to 28"   |  |
| Silty Sand  | Firm          | Gy Brn   | ✓             |  |
| Silty Sand  | Firm          | Gy Brn   | ✓             |  |
| Soil Profile  | Class. Factor | Slope  | Liming Factor | Disposal Method  |
| 3   | C             | 6%   | 27'           | <input type="checkbox"/> Direct Disposal<br><input type="checkbox"/> Percolation |

Paul R. ... 143/1513 7-20-86

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

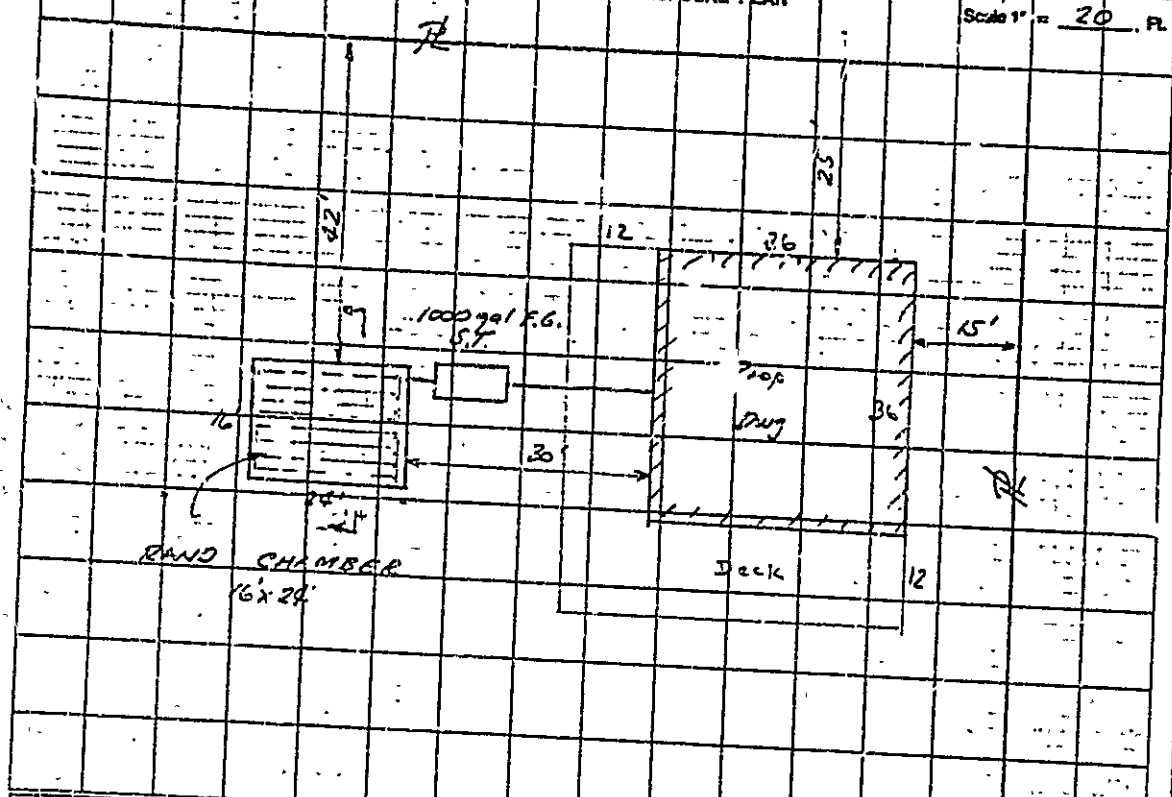
Department of Human Services  
Division of Health Engineering

Town, City, Platbook: *Little Diamond 24*  
*Fairland Rockledge Ave Lot #5*  
 Street, Road, Subdivision

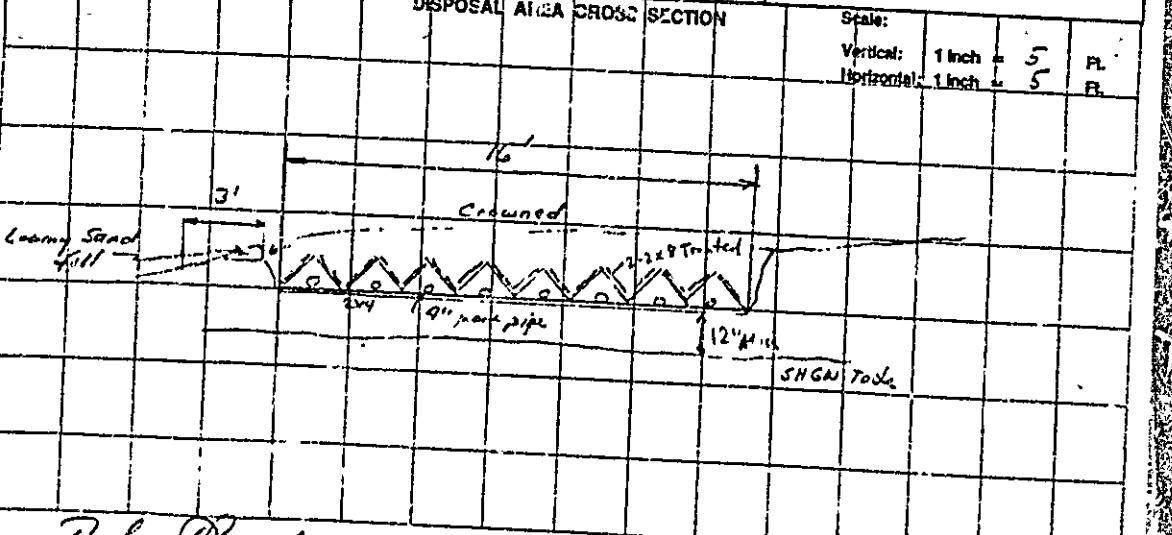
Owners Name  
*Richard A. Davis*

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' PL.



| FILL REQUIREMENTS         |    | CONSTRUCTION ELEVATIONS               |        | ELEVATION REFERENCE POINT<br>LOCATION & DESCRIPTION |
|---------------------------|----|---------------------------------------|--------|---|
| Depth of Fill (Upslope)   | 0' | Reference Elevation is                | 100.0' |   |
| Depth of Fill (Downslope) | 6' | Bottom of Disposal Area               | 91'-6" |   |
|                           |    | Top of Distribution Lines or Chambers | 92'-0" | Neil Base 30" oak                                   |



*Richard A. Davis*  
 Site Evaluator or Professional Engineer's Signature

143/1513  
 CE #1 DC #

7-20-86  
 Date



CITY OF PORTLAND, MAINE  
Department of Building Inspection

# Certificate of Occupancy

LOCATION Rockledge Ave, Little Diamond Island (105-Z-00)

Issued to Michael Asen

Date of Issue 11 July 1996

This is to certify that the building, premises, or part thereof, at the above location, built — altered — changed to use under Building Permit No. 951207, has had a final inspection, has been found to conform substantially to requirements of Zoning Ordinance and Building Code of the City, and is hereby approved for occupancy or use, limited or otherwise, as indicated below.

PORION OF BUILDING OR PREMISES

APPROVED OCCUPANCY

Entire

Single Family Dwelling

Limiting Conditions:

1. Complete handrail on interior stairway

This certificate supersedes  
certificate issued:

Approved:

(Date)

Inspector

Inspector of Buildings

Notice: This certificate identifies lawful use of building or premises, and ought to be transferred from owner to owner with a property change of hands. Copy will be furnished to owner or lessee for one dollar.

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

|  |  |  |  |  |                                 |
|--|--|--|--|--|---------------------------------|
| Location of Construction:<br><b>Rockledge Ave L.D.I.</b>         |  | Owner:<br><b>Michael Azar</b>  |  | Phone:   | Permit No: <b>051207</b>        |
| Owner Address:   |  | Leasee/Buyer's Name:   |  | Phone:   | Business Name:                  |
| Contractor Name:<br><b>Project Management</b>                    |  | Address:<br><b>P.O. Box 4867 Portland, ME 04112</b>  |  | Phone:<br><b>775-7442</b>  |                                 |
| Past Use:<br><b>Vacant Land</b>                                  |  | Proposed Use:<br><b>Single Family</b>  |  | COST OF WORK:<br><b>\$ 150,000.00</b>  | PERMIT FEE:<br><b>\$ 170.00</b> |
| Proposed Project Description:<br><b>Construct 1-fam dwelling</b> |  | FIRE DEPT. <input type="checkbox"/> Approve:<br><input type="checkbox"/> Denied  |  | INSPECTION:<br>Use Group <b>43</b> Type <b>5B</b><br>Signature: <i>[Signature]</i> |                                 |
| PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)                          |  | Action: <input type="checkbox"/> Approved<br><input type="checkbox"/> Approved with Conditions:<br><input type="checkbox"/> Denied |  | Signature: _____ Date: _____   |                                 |
| Permit Taken By: <b>Mary Gresik</b>                              |  | Date Applied For: <b>31 October 1995</b>   |  |  |                                 |

**PERMIT ISSUED**  
NOV 16 1995  
**CITY OF PORTLAND**

Zone: **IR-1** CBL: **105-2-005**  
Zoning Approval: *See conditions in site PLAN sheet*  
Special Zone or Reviews:  
 Shoreland *plus checklist*  
 Wetland  
 Flood Zone  
 Subdivision  
 Site Plan *major*  minor  mm

Zoning Appeal  
 Variance  
 Miscellaneous  
 Conditional Use  
 Interpretation  
 Approved  
 Denied

Historic Preservation  
 Not in District or Landmark  
 Does Not Require Review  
 Requires Review

Action:  
 Approved  
 Approved with Conditions  
 Denied

Date: *11/15/95*

CEO DISTRICT **16**  
*A. Kowal*

**PERMIT ISSUED WITH LETTER**

**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 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 provisions of the code(s) applicable to such permit

SIGNATURE OF APPLICANT: *Cyrus Blagge* ADDRESS: \_\_\_\_\_ DATE: **31 October 1995** PHONE: \_\_\_\_\_

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE: \_\_\_\_\_ PHONE: \_\_\_\_\_

White-Permit Desk Green-Assessor's Canvas-D.R.W. Pink-Public File Ivory Card-Inspector

COMMENTS

7/14/96  
 interior

CO to released. Handrail or ~~frustration~~  
 stairway should be completed. Allow

Inspection Record

|             | Type     | Date    |
|-------------|----------|---------|
| Foundation: | OK Ad    | 1/12/96 |
| Framing:    | OK Allow | 1/14/96 |
| Plumbng.    | OK Allow | 2/16/96 |
| Final:      | OK Allow | 7/16/96 |
| Other:      |          |         |



Inspection Services  
P. Samuel Hoffses  
Chief



Planning and Urban Development  
Joseph E. Gray Jr.  
Director

## CITY OF PORTLAND

November 16, 1995

Project Management  
P. O. Box 4357  
Portland, ME 04112

RE: Rockledge Avenue  
105-2-005  
Little Diamond Island

Dear Sir,

Your application to construct a single family dwelling has been reviewed and a permit is herewith issued subject to the requirements listed below. This permit does not excuse the applicant from meeting applicable State and Federal laws.

No Certificate of Occupancy will be issued until all requirements of this letter are met.

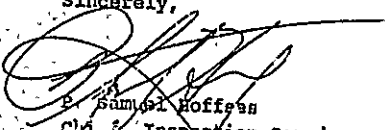
### Site Plan Review Requirements

**Building Inspections** - a) attached requirements for building within Shoreland zoning area (within 250' of high water mark) shall be adhered to. b) the maximum building height 35' from the vertical measurement from grade to a level midway between the level of the eaves and the highest point of pitched roofs or hip roofs, will require revised plans showing such. - M. Schmuckal

**Development Review Coordinator** - a) please see attached standard condition sheet. b) please provide a copy of the HBE-200 Form for the designed septic system. Indicate on the plan the location of driveway and erosion control measures used to protect the driveway. - J. Seymour

If you have any questions regarding these requirements, please do not hesitate to contact this office.

Sincerely,

  
P. Samuel Hoffses  
Chief, Inspection Services

cc: M. Schmuckal, Asst Chief, Insp Svcs  
J. Seymour, DRC

BUILDING PERMIT REPORT

DATE: November 16, 1995 ADDRESS: Rockledge Ave., Little Diamond Island

REASON FOR PERMIT: To construct a single family dwelling

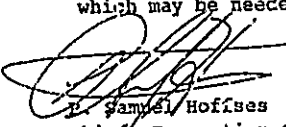
BUILDING OFFICER: Michael Asen

CONTRACTOR: Project Management APPROVED: See Items #1,2,7,9,11,13, 14,15 & 16

CONDITIONS OF APPROVAL

- \*\* 1. Before concrete for foundation is placed, approvals from Inspection Services must be obtained. (A 24 hour notice is required prior to inspection)
- \*\* 2. Precautions must be taken to protect concrete from freezing.
3. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
4. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with selfclosers.
5. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communication to other apartment units.
6. The boiler shall be protected by enclosing with one (1) hour fire-rated construction including fire doors and ceiling, or by providing automatic extinguishment. Sprinkler piping serving not more than six sprinklers may be connected to a domestic water supply having a capacity sufficient to provide 0.15 gallons per minute, per square foot of floor throughout the entire area. An INDICATING shut-off valve shall be installed in an accessible location between the sprinkler and the connection to the domestic water supply. Minimum pipe size shall be 3/4 inch copper or 1 inch steel. Maximum coverage area of a residential sprinkler is 144 square feet per sprinkler.
- \*\* 7. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue, they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508mm), and a minimum net clear opening area of 5.7 square feet.
9. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type.
- \*\* 9. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code, Chapter 9, Section 19, 919.3.2 (BOCA National Building Code/1993) and NFPA 101, chapters 16 and 19. (Smoke detectors shall be installed and maintained at the following locations):
  - a. In the immediate vicinity of bedrooms
  - b. In all bedrooms
  - c. In each story within a dwelling unit, including basementsIn addition to the required AC primary power source, required smoke detectors in occupancies in Use Groups R-2, R-3 and I-1 shall receive power from a battery when the AC primary power source is interrupted.

10. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1 hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1993)
- \*\*11. Guardrail and Handrail's-A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups, 42 inches, except Use Group R which is 36 inches. In occupancies in Use Group A, B, H-4, I-1, I-2 M and R and public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4 inches cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect.
12. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10, Section and Subsections 1023. and 1024. of the City's Building Code. (The BOCA National Building Code/1993)
- \*\*13. Stair construction in Use Group R-3 and R-4 is a minimum of 9" tread and 3-1/4" maximum rise. All other Use Group minimum is 11" tread, and 7" maximum rise.
- \*\*14. Headroom in habitable space is a minimum of 7'6".
- \*\*15. The minimum headroom in all parts of a stairway shall not be less than 80 inches.
- \*\*16. All construction and demolition debris must be disposed at the City's authorized reclamation site. The fee rate is attached. Proof of such disposal must be furnished to the office of Inspection Services before final certificate of occupancy is issued for demolition permit is granted.
17. Section 25-135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".
18. The builder of a facility to which Section 4394-C of the Maine State Human Rights Act, Title 5 M.R.S.A refers, shall obtain a certification from a design professional that the plans of the facility meet the standards of construction required by this section. Prior to commencing construction of the facility, the builder shall submit the certification to the Division of Inspection Services.
19. This permit does not excuse the applicant from obtaining any license which may be needed from the city clerk's office.

  
E. Samuel Hoffnes  
Chief, Inspection Services

Revised 07/95

CITY OF PORTLAND, MAINE  
SITE PLAN REVIEW (ADDENDUM)  
CONDITIONS OF APPROVAL

APPLICANT: Project Management Inc.  
ADDRESS: P.O. Box 4857, PORTLAND, ME 04112  
SITE ADDRESS/LOCATION: ROCKLEDGE AVE, LITTLE DIAMOND ISLAND  
DATE: 11/8/95

Review by the Development Review Coordinator is for General Conformance with ordinances and standards only and does not relieve the applicant, his contractors or agents from the responsibility to provide a completely finished site, including but not limited to: increasing or concentrating of all surface runoff onto adjacent or down-creek properties, issues regarding vehicle sight distance, location of public utilities and foundation elevations.

CONDITIONS CHECKED OFF BELOW WILL BE ENFORCED FOR YOUR SITE PLAN

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 species and size trees must be planted on your street prior to issuance of a Certificate of Occupancy. OR HAVE EXISTING TREES.
3.  Your new street address is now ROCKLEDGE AVENUE <sup>LITTLE DIAMOND ISLAND</sup> the number must be displayed on the street frontage of your house prior to issuance of Certificate of Occupancy.
4.  The Development Review Coordinator (874-8300 ext. 8722) must be notified five (5) working days prior to date required for final site inspection. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This is essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.
5.  Show all utility connections: water, sanitary sewer, storm drain, electric, telephone, cable.
6.  A sewer permit is required for your project. Please contact Carol Poliskey at 874-8300, ext. 3828. The Wastewater and Drainage section of Public Works must be notified five (5) working days prior to sewer connection to schedule an inspector for your site.

7. \_\_\_\_\_ A street opening permit(s) is required for your site. Please contact Carol Poliskey at 874-6300, ext. 8828. (Only excavators licensed by the City of Portland are eligible.)
8. SEE NOTE  
13 As-built record information for sewer and stormwater service connections must be submitted to Parks and Public Works Engineering Section (55 Portland Street) and approved prior to issuance of a Certificate of Occupancy.
9. ✓ The building contractor shall check the subdivision recording plat for pre-determined first floor elevation and establish the first floor elevation (FFE) and sill elevation (SE) to be set above the finish street/curb elevation to allow for positive drainage away from entire footprint of building.
10. ✓ The site contractor shall establish finish grades at the building foundation, bulkhead and basement windows to be in conformance with the first floor elevation (FFE) and sill elevation (SE) set by the building contractor to provide for positive drainage away from entire footprint of building.
11. ✓ A drainage plan shall be submitted to and approved by Development Review Coordinator showing first floor elevation (FFE), sill elevation (SE), finish street/curb elevation, lot grading, existing and proposed contours, drainage patterns and paths, drainage swales, grades at or near abutting property lines, erosion control devices and locations and outlets for the drainage from the property.
12. ✓ The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvement as necessary due to field conditions.
13. OK  
✓ THE APPLICANT MUST SUBMIT A COPY OF THE HHE-203 FORM FOR THE DESIGNED SEPTIC SYSTEM AND ACCOMPANYING TEST PIT AND SOILS DATA WITH TEST PIT LOCATION.

cc: Katherine Staples, P.E., City Engineer

14. OK  
✓ The applicant shall indicate on the plan the intended driveway location and location of erosion control methods or measures for driveway construction/disturbance.

RE: Rockledge AVE, Little Diamond AVE

### SHORELAND ZONING REQUIREMENTS

#### WITHIN 75' OF NORMAL HIGH-WATER LINE:

- There shall be no cleared openings.
- A well-distributed stand of trees and other vegetation, including existing ground cover, shall be maintained.
- Clearing of vegetation for development is not allowed, except to remove safety hazards.
- No cleared opening greater than 250 square feet in the forest canopy as measured from the outer limits of the tree crown is allowable. However a footpath not to exceed 10' in width as measured between tree trunks is permitted provided that a clear line of sight to the water through the buffer strip is not created.
- There shall be no accessory structures constructed, such as piers, docks, wharves, bridges, stairways, parking areas, and retaining walls without permits and review.

#### BEYOND THE 75' SETBACK, WITHIN SHORELAND ZONE:

- There shall be permitted on any lot in any 10 year period, selective cutting of not more than 40% of the volume of trees 4" or more in diameter, measured 4.5 feet above ground level. Tree removal in conjunction with the development of permitted uses shall be included in the 40% calculations. Pruning of tree branches on the bottom 1/3 of the tree is permitted.
- In no event shall cleared openings for development, including but not limited to, principal and accessory structures, driveways, and sewage disposal areas, exceed in the aggregate, 25% of the lot area or 10,000 square feet, whichever is greater.

#### RE: Timber Harvesting:

- There can be no single clear cut openings greater than 10,000 square feet in the forest canopy (measured from the edge of the crown of trees).
- Clear cut openings greater than 5,000 square feet must be 100' apart.
- Clear cut openings must be included in the calculations of total volume removal.

A: SHORZONE  
8/24/95



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

D. Number \_\_\_\_\_

**Project Management Inc.**

**31 October 1995**

Applicant **P.O. Box 4857 Portland ME 04112**

Application Date \_\_\_\_\_

Applicant's Mailing Address \_\_\_\_\_

Project Name/Description  
**Rockledge Ave Little Diamond Isl**

Consultant/Agent **Cyrus - 775-7442**

Address of Proposed Site  
**105-Z-005**

Applicant or Agent Daytime Telephone, Fax \_\_\_\_\_

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  Other (specify) \_\_\_\_\_

Proposed Building Square Feet or # of Units **2,080 sq ft** **3,100 sq ft** **54,000 sq ft** Acreage of Site \_\_\_\_\_ Zoning \_\_\_\_\_

**Check Review Required:**

- |  |  |   |  |
|--|--|---|--|
| <input 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 checked="" type="checkbox"/> Single-Family Minor | <input type="checkbox"/> Other _____             |

Fees paid: site plan **50.00** subdivision \_\_\_\_\_

**Approval Status:**

Reviewer **JAMES SEYMOUR**

- Approved  Approved w/Conditions listed below  Denied

- Please see attached - Standard Conditions sheet.**
- Provide a copy of the HTE-200 FORM FOR the designed septic system**
- Indicate on the plan, location of driveway and erosion control measures used to protect driveway.**
- \_\_\_\_\_

Approval Date **11/8/95** Approval Expiration **11/8/96** Extension to \_\_\_\_\_ date \_\_\_\_\_ date \_\_\_\_\_  Additional Sheets Attached

Condition Compliance **James R. Seymour** **11/14/95**  
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 _____            |                             |
| Performance Guarantee Reduced                           | _____ date _____           | _____ remaining balance _____ | _____ signature _____       |
| Performance Guarantee Released                          | _____ date _____           | _____ signature _____         |                             |
| Defect Guarantee Submitted                              | _____ submitted date _____ | _____ amount _____            | _____ expiration date _____ |
| Defect Guarantee Released                               | _____ date _____           | _____ signature _____         |                             |

Address: Rockledge Ave Little Diamond Island



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

I. D. Number \_\_\_\_\_

Project Management Inc.

31 October 1995

Applicant: P.O. Box 4857 Portland, ME 04112

Application Date

Applicant's Mailing Address

Project Name/Description

Consultant/Agent: Cyrus - 775-7442

Address of Proposed Site: Rockledge Ave Little Diamond Isl

Applicant or Agent Daytime Telephone, Fax

105-2-005

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  Other (specify)

Proposed Building Square Feet or # of Units: 2,080 sq ft

Area of Site: 54,000 sq ft

Zoning: TR-1

Check Review Required:

- |  |  |   |  |
|--|--|---|--|
| <input 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 checked="" type="checkbox"/> Single-Family Minor | <input type="checkbox"/> Other                   |

Fees paid: site plan 50.00 subdivision \_\_\_\_\_

Approval Status:

Reviewer: Marge Schmeckel

- Approved  Approved w/Conditions listed below  Denied

1. Attached requirements for building within shoreland zoning area (within 250' of high water mark) shall be adhered to.  
2. The maximum building height shall be the vertical measurement from grade to the highest point of pitched roofs or hip roofs. We will need revised plans showing such.

Approval Date: 11/15/95 Approval Expiration: \_\_\_\_\_ date Extension to: \_\_\_\_\_ date  Additional Sheets Attached

Condition Compliance 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 _____            |                             |
| Performance Guarantee Reduced                           | _____ date _____           | _____ remaining balance _____ | _____ signature _____       |
| Performance Guarantee Released                          | _____ date _____           | _____ signature _____         |                             |
| Defect Guarantee Submitted                              | _____ submitted date _____ | _____ amount _____            | _____ expiration date _____ |
| Defect Guarantee Released                               | _____ date _____           | _____ signature _____         |                             |

Address: Rockledge Ave Little Diamond Island



Applicant: Cyrus Hagge

Date: 11/15/95

Address: Rockledge Ave, Little Diamond Island

ASSESSORS No.: 105-2-005

CHECK LIST AGAINST ZONING ORDINANCE

Date -

Zone Location - I R 1

Interior or corner lot -

Use - New Single Family Dwelling

Septic Disposal - Private - NO HHE 200 included

Rear Yards - 30' req - over 75' shown

Side Yards - 20' req - 20'+ shown

Front Yards - 30' req - 30'+ shown

Projections -

- 35' MAX -  $\approx$  32' scaled out approx - am asking for more info -

- 40,000# req (cit, water) - 54,000# shown

Area - max 206' lot area - ok

per Family -

width of Lot - 100' req - 100'+ shown

Lot Frontage - 100' req - 360' shown

Off-street Parking - ok

Loading Bays -

appears to be on City Trailer

Site Plan - minor

Shoreland Zoning - yes - house set back over 75' from high water mark

Flood Plains - panel 14 of 17 Zone C where house is placed

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services  
Division of Health Engineering  
(207) 287-5672 FAX (207) 287-4172

|  |   |  |   |
|--|---|--|---|
| <b>PROPERTY LOCATION</b>   |   | <b>PORTLAND</b>  |   |
| Town or Plantation   | PORTLAND  |  |   |
| Street Subdivision Lot #   | ROCKLEDGE AVENUE, LOT #5<br>LITTLE DIAMOND ISLAND |  |   |
| PROPERTY OWNERS NAME   |   |  |   |
| Last: ASEN   | First: MICHAEL                                    | Date Permit Issued: 10/27/95   | TOWN COPY \$ 1.60 FEE <input type="checkbox"/> Double Fee Charged |
| Mailing Address of Owner   |   | LPL # 0.124  |   |
| 280 CYRUS HAGGE<br>PO BOX 4857<br>PORTLAND, ME.  |   |  |   |
| Daytime Tel. #   | Municipal Tax Map # 105                           | LOT Page # 25  |   |
| <b>Owner Statement</b>   |   | <b>Caution: Inspection Required</b>  |   |
| I state 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: <i>Michael ASEN</i>  |   | Local Plumbing Inspector Signature: _____  |   |
| Date: 10-31-95   |   | Date Approved: _____   |   |

| PERMIT INFORMATION   |  |   |
|--|--|---|
| <b>THIS APPLICATION IS FOR:</b><br>1. <input checked="" type="checkbox"/> First Time System<br>2. <input type="checkbox"/> Multi-User System<br>3. <input type="checkbox"/> Replacement System<br>4. <input type="checkbox"/> Expanded System<br>a. <input type="checkbox"/> One-time exempted<br>b. <input type="checkbox"/> Non-exempted<br>5. <input type="checkbox"/> Experimental System<br>6. <input type="checkbox"/> Seasonal Conversion | <b>THIS APPLICATION REQUIRES:</b><br>1. <input checked="" type="checkbox"/> No Rule Variance<br>2. <input type="checkbox"/> First Time System Variance (Municipal)<br>3. <input type="checkbox"/> First Time System Variance (State)<br>4. <input type="checkbox"/> Replacement System Variance<br>a. <input type="checkbox"/> Local Plumbing Inspector approval<br>b. <input type="checkbox"/> State & Local Plumbing Inspector approval<br>5. <input type="checkbox"/> Minimum Lot Size Variance<br>6. <input type="checkbox"/> Seasonal Conversion Variance | <b>DISPOSAL SYSTEM COMPONENT(S)</b><br>1. <input checked="" type="checkbox"/> Non-Engineered System<br>2. <input type="checkbox"/> Primitive System<br>3. <input type="checkbox"/> Alternative Toilet<br>Specify _____<br>4. <input type="checkbox"/> Non-Engineered Treatment Tank<br>5. <input type="checkbox"/> Holding Tank _____ Gallons<br>6. <input type="checkbox"/> Non-Engineered Disposal Area (only)<br>7. <input type="checkbox"/> Separated Laundry System<br>8. <input type="checkbox"/> Engineered System (+2000 gpd)<br>9. <input type="checkbox"/> Engineered Treatment Tank (only)<br>10. <input type="checkbox"/> Engineered Disposal Area (only) |
| <b>SIZE OF PROPERTY</b><br>54,000 S.F. ±   | <b>DISPOSAL SYSTEM TO SERVE:</b><br>1. <input checked="" type="checkbox"/> Single Family Dwelling Unit<br>2. <input type="checkbox"/> Multiple Family Dwelling Unit<br>Number of Units _____<br>3. <input type="checkbox"/> Other _____<br>SPECIFY _____   | <b>TYPE OF WATER SUPPLY</b><br>_____  |
| <b>SHORELAND ZONING</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  |   |

| DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)  |  |  |  |
|---|--|--|--|
| <b>TREATMENT TANK</b><br>1. <input checked="" type="checkbox"/> Concrete<br><input checked="" type="checkbox"/> Regular<br><input type="checkbox"/> Low Profile<br>2. <input type="checkbox"/> Plastic<br>SIZE 1500 Gallons | <b>DISPOSAL AREA TYPE/SIZE</b><br>1. <input type="checkbox"/> Stone Bed _____ Sq Ft<br>2. <input checked="" type="checkbox"/> Proprietary Device 1344 Sq Ft<br><input type="checkbox"/> Clustered <input type="checkbox"/> Linear<br><input type="checkbox"/> Regular <input type="checkbox"/> H-20<br>3. <input type="checkbox"/> Trench _____ Lin. Ft<br>4. <input type="checkbox"/> Other _____ | <b>GARBAGE DISPOSAL UNIT</b><br>1. <input checked="" type="checkbox"/> No<br>2. <input type="checkbox"/> Yes<br><input type="checkbox"/> Multi-compartment tank<br><input type="checkbox"/> Tank in series<br><input type="checkbox"/> Increase in tank capacity<br><input type="checkbox"/> Filter on tank outlet | <b>CRITERIA USED FOR DESIGN FLOW</b><br>(Show Calculations)<br>SINGLE FAMILY DWELLING (4 BED ROOM) |
| <b>PROFILE &amp; DESIGN CLASS</b><br>PROFILE 3    DESIGN C<br>DEPTH TO MOST LIMITING FACTOR 24  | <b>DISPOSAL AREA SIZING</b><br>1. <input type="checkbox"/> Small 2.0<br>2. <input type="checkbox"/> Medium 2.60<br>3. <input checked="" type="checkbox"/> Medium-Large 3.30<br>4. <input type="checkbox"/> Large 4.10<br>5. <input type="checkbox"/> Extra-Large 5.00  | <b>PUMPING</b><br>1. <input type="checkbox"/> Not Required<br>2. <input type="checkbox"/> May Be Required<br>3. <input checked="" type="checkbox"/> Required<br>DOSE 150 ± Gallons   | <b>DESIGN FLOW:</b> 360 (Gallons/Day)  |

**SITE EVALUATOR'S STATEMENT**

On 9.17.95 (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.

*Albert Frick*  
 Site Evaluator Signature      163 SE#      9/28/95 Date  
**ALBERT FRICK ASSOC., INC.**      839-5563 Telephone  
 Print Name      Telephone

Page 1 of 3  
HHE-200 Rev. 5/95

SEWAGE WASTEWATER DISPOSAL SYSTEM APPLICATION

Location: **ND LITTLE DIAMOND ISLAND, ROCKLEDGE AVE. ASEN, MICHAEL**  
 Street, Road or Subdivision: **ROCKLEDGE AVE.**  
 Name of Owner: **ASEN, MICHAEL**  
 SITE PLAN Scale: **1" = 60 Ft.** or as shown  
 SITE LOCATION PLAN (Map from The Maine Atlas recommended)

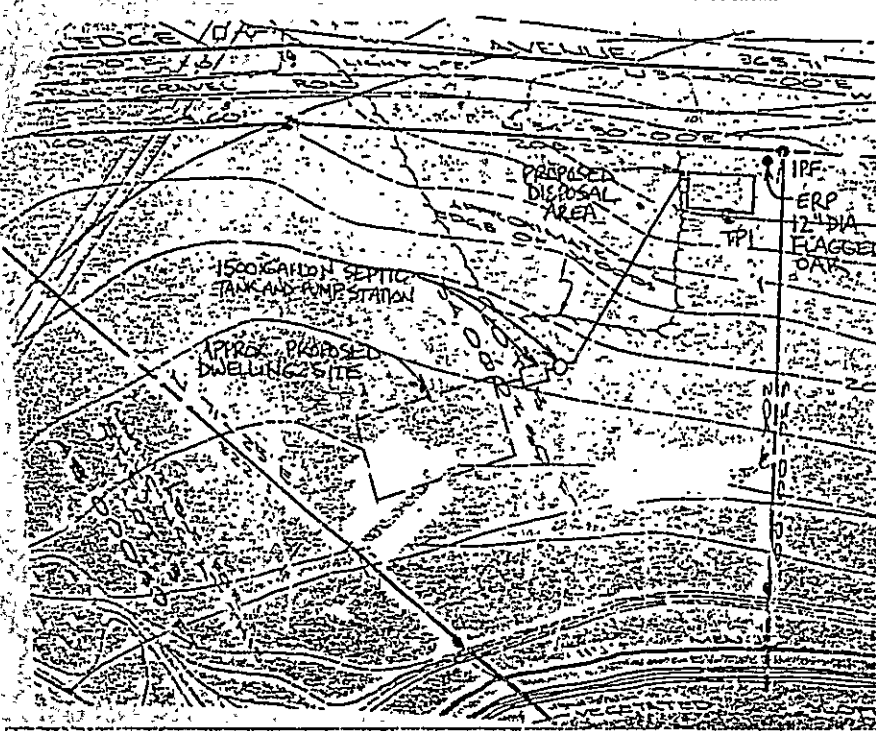


FIGURE 1. SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole: **TPI**  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil: \_\_\_\_\_

| DEPTH BELOW MINERAL SOIL SURFACE (inches) | Texture      | Consistency    | Color                        | Mottling |
|---|--------------|----------------|------------------------------|----------|
| 0   |              |                | <b>DARK BROWN</b>            |          |
| 6   | <b>SANDY</b> | <b>FRIABLE</b> | <b>DARK</b>                  |          |
| 10  | <b>LOAM</b>  |                | <b>YELLOWISH BROWN</b>       |          |
| 15  |              |                | <b>BROWN</b>                 |          |
| 20  |              |                |                              |          |
| 30  |              | <b>FIRM</b>    | <b>LIGHT YELLOWISH BROWN</b> |          |
| 40  |              |                | <b>BROWN</b>                 |          |
| 50  |              |                |                              |          |

Soil Profile: **3** Class: **C** Slope: \_\_\_\_\_ Limiting Factor: **24**  Ground Water  Restrictive Layer  Bedrock

Observation Hole: \_\_\_\_\_  Test Pit  Boring

Depth of Organic Horizon Above Mineral Soil: \_\_\_\_\_

| DEPTH BELOW MINERAL SOIL SURFACE (inches) | Texture | Consistency | Color | ML, g |
|---|---------|-------------|-------|-------|
| 0   |         |             |       |       |
| 6   |         |             |       |       |
| 10  |         |             |       |       |
| 15  |         |             |       |       |
| 20  |         |             |       |       |
| 30  |         |             |       |       |
| 40  |         |             |       |       |
| 50  |         |             |       |       |

Soil Profile: \_\_\_\_\_ Class: \_\_\_\_\_ Slope: \_\_\_\_\_ Limiting Factor: \_\_\_\_\_  Ground Water  Restrictive Layer  Bedrock

*Robert Frick*  
Site Evaluator Signature

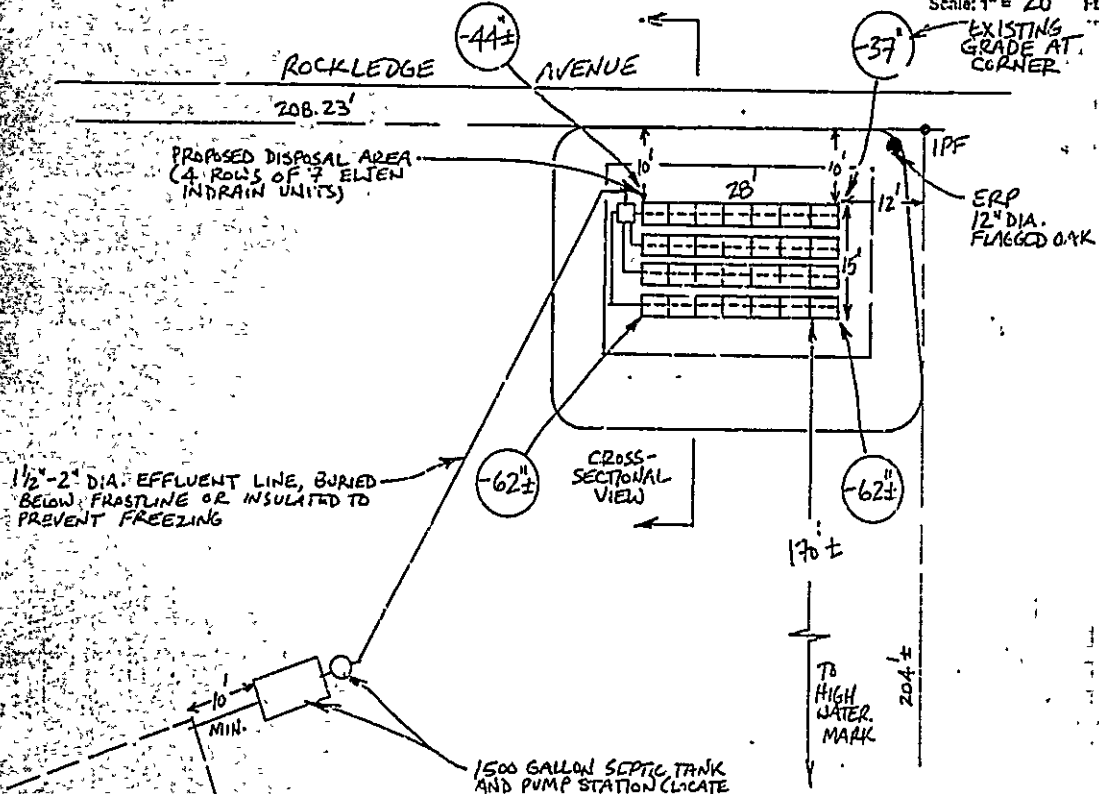
163  
SF #

9/28/95  
Date

# WASTEWATER DISPOSAL SYSTEM APPLICATION

Location: **LITTLE DIAMOND ISLAND, ROCKLEDGE AVE. ASEN, MICHAEL**  
 Street, Road or Subdivision: **ROCKLEDGE AVENUE**  
 Name of Owner: **ASEN, MICHAEL**  
**SUBSURFACE WASTEWATER DISPOSAL PLAN**

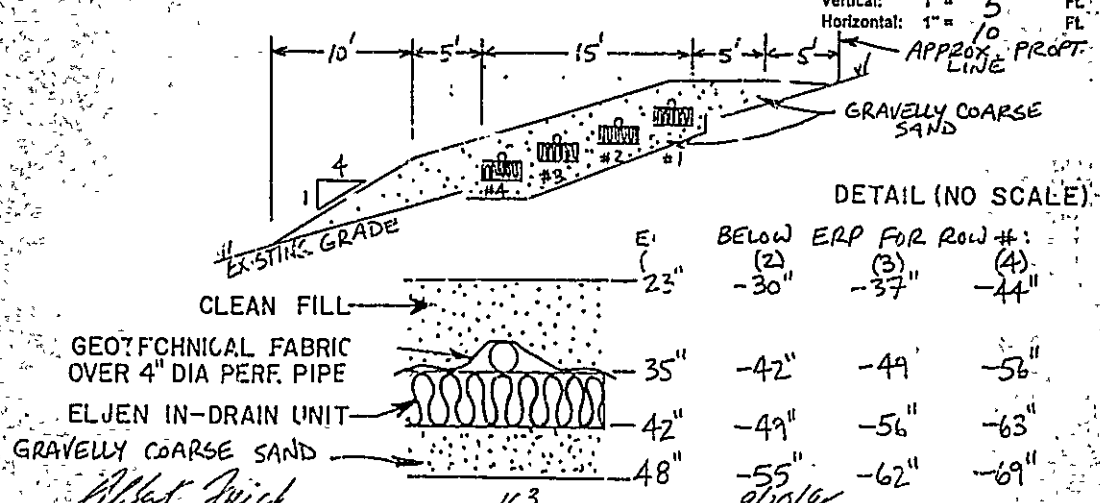
Scale: 1" = 20' FL.



|  |  |   |
|--|--|---|
| <b>FILL REQUIREMENTS</b>                 | <b>CONSTRUCTION ELEVATIONS</b>   | <b>ELEVATION REFERENCE POINT</b>  |
| Depth of Fill (Upslope) <u>14" - 21"</u> | Finished Grade Elevation <u>SEE DETAIL BELOW</u>                       | Location & Description <u>MAIL 24" ABOVE BASE OF 12" DIA. FLAGGED OAK</u> |
| Depth of Fill (Downslope) <u>18"</u>     | Top of Distribution Pipe or Proprietary Device <u>SEE DETAIL BELOW</u> | Reference Elevation <u>ON</u>   |
|  | Bottom of Disposal Area <u>SEE DETAIL BELOW</u>                        |   |

DISPOSAL AREA CROSS SECTION

Scale:  
 Vertical: 1" = 5' FL.  
 Horizontal: 1" = 10' FL.



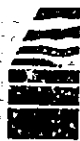
DETAIL (NO SCALE)

|   | Elevation | BELOW ERP FOR Row # (2) | BELOW ERP FOR Row # (3) | BELOW ERP FOR Row # (4) |
|---|-----------|-------------------------|-------------------------|-------------------------|
| CLEAN FILL                                | 23"       | -30"                    | -37"                    | -44"                    |
| GEO?CHNICAL FABRIC OVER 4" DIA PERF. PIPE | 35"       | -42"                    | -49"                    | -56"                    |
| ELJEN IN-DRAIN UNIT                       | 42"       | -49"                    | -56"                    | -63"                    |
| GRAVELLY COARSE SAND                      | 48"       | -55"                    | -62"                    | -69"                    |

*Albatrich*  
 Site Evaluation Signature

163  
 SC #

9/28/85  
 Date



**Albert Frick Associates, Inc.**

Soil Scientists & Site Evaluators

95A County Road Carham, Maine 0438  
(207) 839-5563 FAX (207) 839-5564

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

PORTLAND  
TOWN

ROCKLEDGE AVE., LOT 5  
LITTLE DIAMOND ISLAND  
LOCATION

MICHAEL ASEN  
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 permit, 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

PORTLAND  
TOWN

RACKLEDGE AVE., LOT 5  
LITTLE DIAMOND ISLAND  
LOCATION

MICHAEL ASEN  
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 permit 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 Erick Associates, Inc.  
Soil Scientists & Site Evaluators