

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207)789-3326

PROPERTY ADDRESS

Town or Plantation: **PORTLAND**
 Street: **LITTLE DIAMOND ISLAND**
 Subdivision/Lot #: **DIAMOND AVENUE**
TAX MAP 105 BLOCK V LOTS 26, 27, 34, 35, 36, 37

PROPERTY OWNERS NAME

Last: **SOTIRION** First: **GEORGE A.**

Applicant Name: **DR. GEORGE SOTIRION**

Mailing Address of Owner/Applicant (if Different):
**253 MAPLE STREET
 SPRING FIELD MASS 01105**

1-413-734-0905

PORTLAND PERMIT # 3,41. TOWN COPY

Fee Permit: Plumbing 189 \$ 140.00 FEE Double Fee Charged

L.P.I. # 11219

Local Plumbing Inspector Signature

Owner/Applicant Statement

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

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.

Local Plumbing Inspector Signature 6/5/88

Local Plumbing Inspector Signature Date Approved

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: **1900**

THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER OVERBOARD DISCHARGE

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____ SPECIFY

SIZE OF PROPERTY
 52,800² SF

ZONING
 TR-2

TYPE OF WATER SUPPLY
 PUBLIC WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC

SIZE: 1250 MIN. 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 RECORDS, ETC.)

5 BEDROOM CONSERVATIVE

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE: 6 | CONDITION: C

DEPTH TO LIMITING FACTOR: 30

SIZING RATINGS USED FOR DESIGN PURPOSES

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

DISPOSAL AREA TYPE/SIZE

- BED _____ Sq. Ft.
- CHAMBER 525 Sq. Ft.
- REGULAR 1120
- TRENCH _____ Linear Ft.
- OTHER: _____

DESIGN FLOW: 750 (GALLONS DAY)

SITE EVALUATOR STATEMENT * USED 21 INFILTRATOR POLYETHYLENE CHAMBERS IN TRENCH CONFIGURATION SITE EVALUATION WAIVED BY LOCAL OPTION

On July 16 1988 (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.

William B. Gervolino 0003/4814 8/17/88

Site Evaluator of Professional Engineer's Signature Date

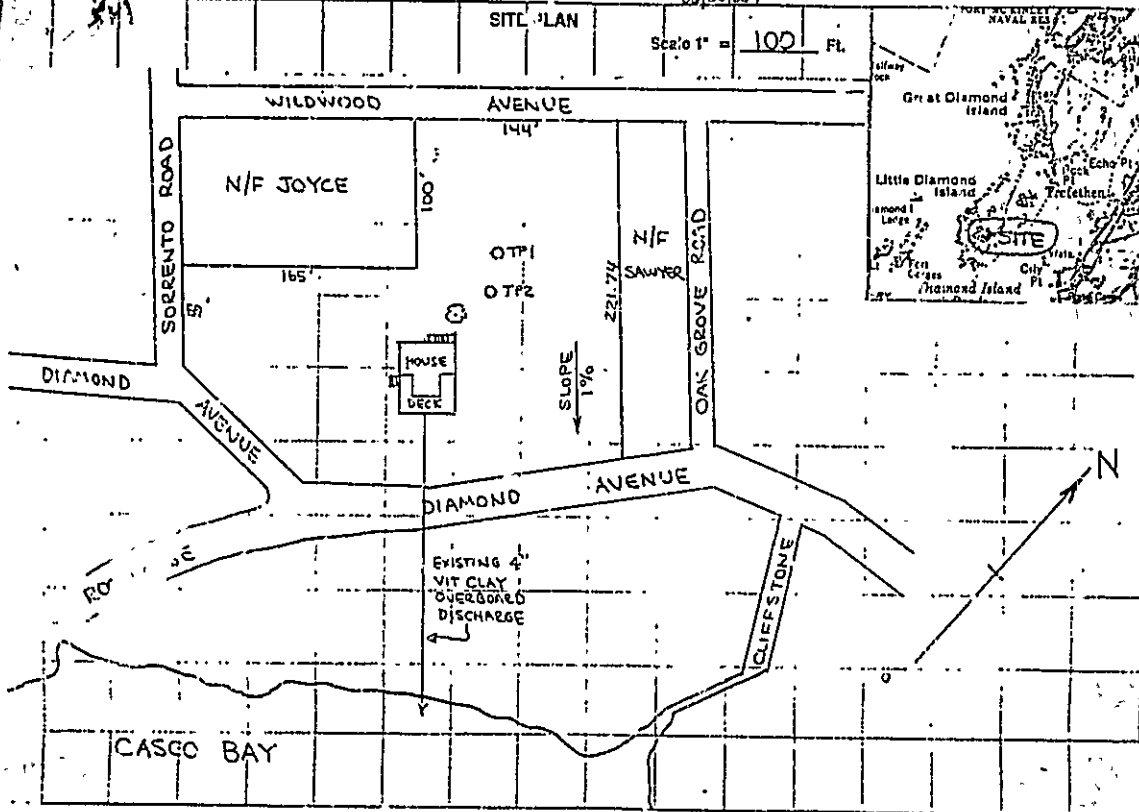
Local Plumbing Inspector Signature & Local S.E. Evaluation Waiver under a Local Option Page 1 of 3

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Department of Human Services
Division of Health Engineering

City, Plantation
PORTLAND LITTLE DIAMOND ISLAND Street, Road, Subdivision
DIAMOND AVE 10S-V-34, 27, 34
35, 36, 38 Owners Name
DR GEORGE SOTIRION



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

Observation Hole 1 Test Pit Boring
2" SOD Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
SANDY LOAM		BROWN	
STRATIFIED COARSE GRAVEL	LOOSE	RED YELLOW	NONE
		RED BROWN	
FINE SANDY GRAVEL	SUG FRAGILE	TAN	FEW

Soil Classification: **6 AC** Slope: **1%** Limiting Factor: **30** Ground Water: Above Layer Below Layer

Observation Hole 2 Test Pit Boring
2" SOD Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
SANDY LOAM		BROWN	
STRATIFIED COARSE GRAVEL	LOOSE	RED YELLOW	NONE
		YELLOW	
SILTY SAND	SLIGHTLY FRAGILE	TAN	FEW

Soil Classification: **6 C** Slope: **1%** Limiting Factor: **32** Ground Water: Above Layer Below Layer

William B. Goodwin 000374814 8/17/88
Site Evaluator or Professional Engineer's Signature Date

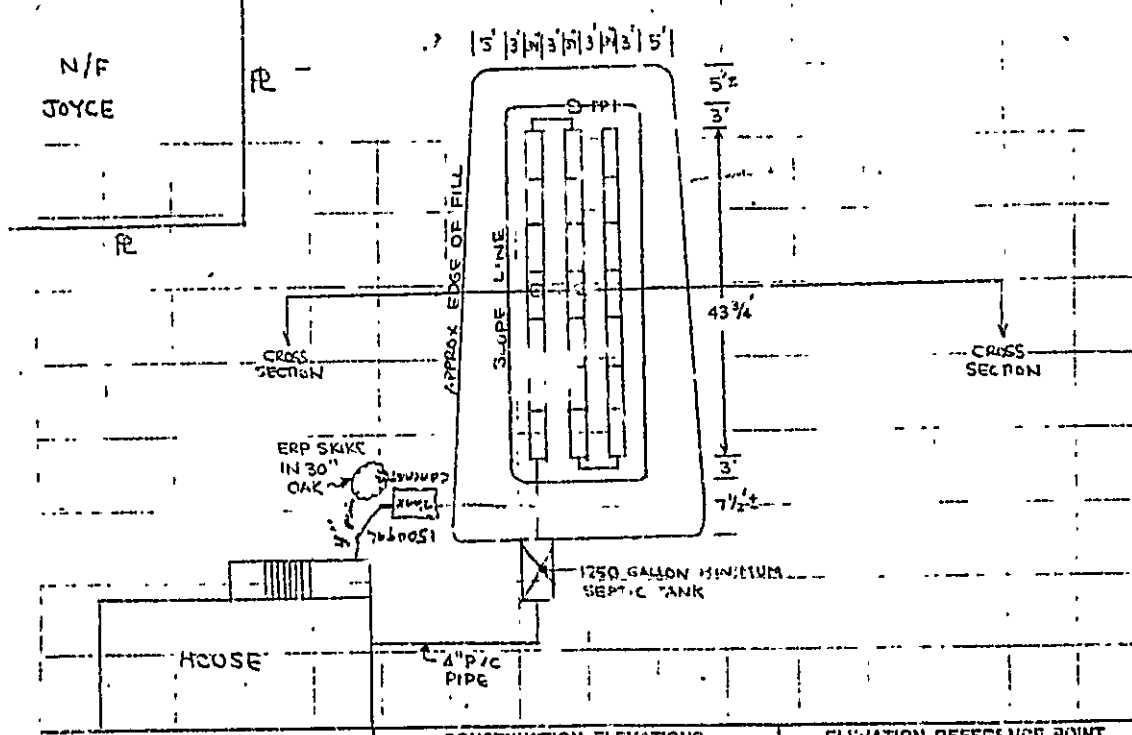
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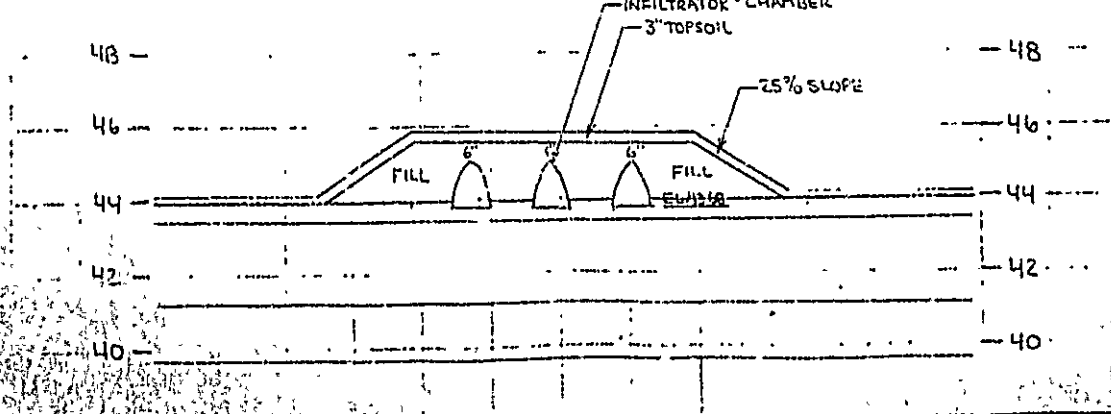
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = **20** FT.



FILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope) <u>20'</u>	Reference Elevation is <u>50.00</u>	<u>SPIKE IN 30" OAK AT NORTH CORNER OF HOUSE</u>
Depth of Fill (Downslope) <u>20'</u>	Bottom of Disposal Area <u>43.63</u>	
	Top of Distribution Lines or Chambers <u>44.93</u>	

DISPOSAL AREA CROSS SECTION		Scale:
		Vertical: 1 inch = 4 FT.
		Horizontal: 1 inch = 10 FT.



William B. Jordan
SE # PE #

0003/4814
SE # PE #

8/17/98
Date

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