

402-H-004

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-472

PROPERTY LOCATION

Town or Plantation: PORTLAND

Street Subdivision Lot: 178 GURTRUDE AVE.

PROPERTY OWNER'S NAME

Last: SMITH First: JEFF

Applicant's Name: _____

Mailing Address of Owner: _____

Daytime Tel.: 878-3125

PORTLAND
Date Permit Issued: 10/19/99

6912 TOWN COPY

\$ 110.00 FEE If Double Fee Charged

L.P.I. # 0124

Local Plumbing Inspector Signature: _____

Owner Statement

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

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 Application

Local Plumbing Inspector Signature: _____ Date Approved: _____

PERMIT INFORMATION

TYPE OF APPLICATION:

- First Time System
- Replacement System
Type Replaced: TRENCH
Year Installed: PRE 1974
- Expanded System
 a. one time exempted
 b. non exempted
- Experimental System
- Seasonal Conversion

THIS APPLICATION REQUIRES:

- No Rule Variance
- First Time System Variance
 a. Local Plumbing Inspector approval
 b. State & Local Plumbing Inspector approval
- Replacement System Variance
 a. Local Plumbing Inspector approval
 b. State & Local Plumbing Inspector approval
- Minimum Lot Size Variance
- Seasonal Conversion Approval

DISPOSAL SYSTEM COMPONENT(S)

- Non-Engineered System
- Primitive System (graywater & alt toilet)
- Alternative Toilet
- Non-Engineered Treatment Tank
- Holding Tank _____ Gallons
- Non-Engineered Disposal Area (only)
- Separated Laundry System
- Engineered System (>2000 gpd)
- Engineered Treatment Tank (only)
- Engineered Disposal Area (only)
- Pretreatment

SIZE OF PROPERTY
32,000 sq. ft.

DISPOSAL SYSTEM TO SERVE:

- Single Family Dwelling Unit
- Multiple Family Dwelling: Number of Units _____
- Other _____

SHORELAND ZONING

Yes No

TYPE OF WATER SUPPLY
PUBLIC WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- Concrete
 a. Regular "WITH PUMP"
 b. Low Profile
- Plastic
- Other _____

SIZE: 1000 Gallons

DISPOSAL AREA TYPE / SIZE

- Bed _____ Sq. Ft.
- Proprietary Device 750 Sq. Ft.
 Cluster Linear
- Regular H-20
- Trench
- Other _____

GARBAGE DISPOSAL UNIT

- No
- Yes
 Multi-compartment tank
 Tank in series
 Increase in tank capacity
 Filter on tank outlet

"RECOMMENDED"

CRITERIA USED FOR DESIGN FLOW
(Show Calculations)

SINGLE FAMILY DWELLING (3 BEDROOMS)

DESIGN FLOW: 288
(Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE: 5 DESIGN: C

DEPTH TO MOST LIMITING FACTOR: 20

DISPOSAL AREA SIZING

- Small - 2.00
- Medium - 2.60
- Medium-Large - 3.30
- Large - 4.10
- Extra-Large - 5.20

PUMPING

- Not required
- May be required
- Required

DOSE: 100 Gallons

SITE EVALUATOR'S STATEMENT

On 3/23/99 (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.

James G. Mancini
Site Evaluator Signature

JAMES G. MANCINI
Site Evaluator Name Printed

247
SE

892-9498
Telephone

APRIL 1, 1999
Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

Town, City, Plantation
PORTLAND

Street, Road Subdivision
GURTRUDE AVE.

Owner's Name
SMITH, JEFF

SITE PLAN

Scale 1" = 50 Ft.
or as shown

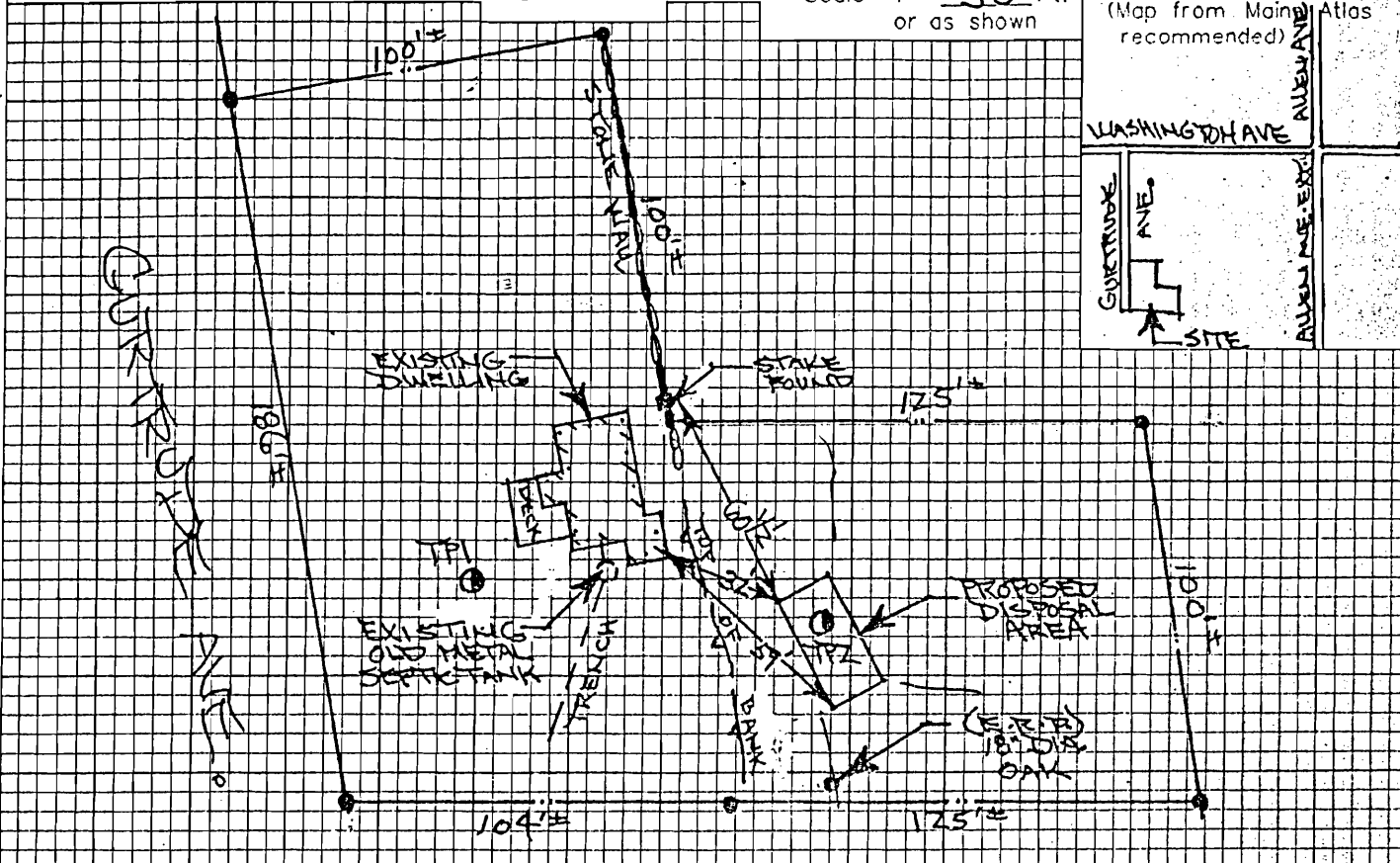
SITE LOCATION PLAN
(Map from Maine Atlas recommended)

WASHINGTON AVE

GURTRUDE AVE

ALLEN AVE

SITE



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

Observation Hole TP1 Test Pit Boring
" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	FINE SANDY LOAM	FRILABLE	DARK BROWN 10YR 3/3	
10	LOAM	FIRM	LIGHT OLIVE BROWN 2.5Y 5/4	COMMON DISTINCT
20				
30	VERY FINE SAND & SILTS			
40				
50				

Soil Classification: Profile S Condition D Slope % Limiting Factor 10'
 Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

Observation Hole TP2 Test Pit Boring
" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM		DARK BROWN 10YR 3/3	
10	GRAVELLY LOAMY SAND	FRILABLE	DARK YELLOWISH BROWN 10YR 4/6	
20			LIGHT OLIVE BROWN 2.5Y 5/4	COMMON DISTINCT
30	FINE SAND		OLIVE YELLOW 2.5Y 6/4	
40				
50				

Soil Classification: Profile S Condition C Slope % Limiting Factor 20"
 Ground Water
 Restrictive Layer
 Bedrock
 Pit Depth

James G. Mancini
Site Evaluator Signature

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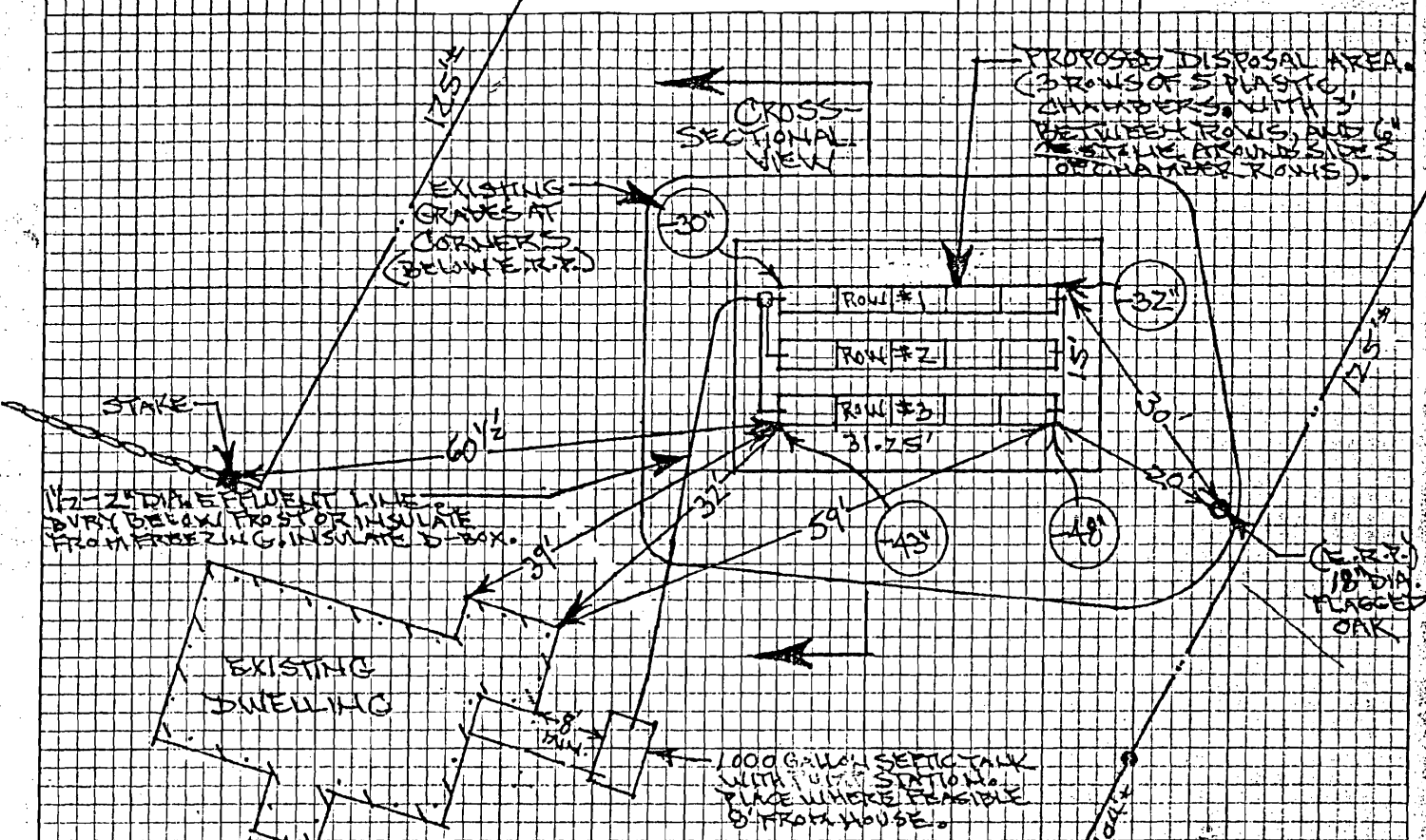
PORTLAND

GURTRUDE AVE.

SMITH, JEFF

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.



FILL REQUIREMENTS

Depth of Fill (Upslope)
Depth of Fill (Downslope)

30-32"
32-39"

CONSTRUCTION ELEVATIONS

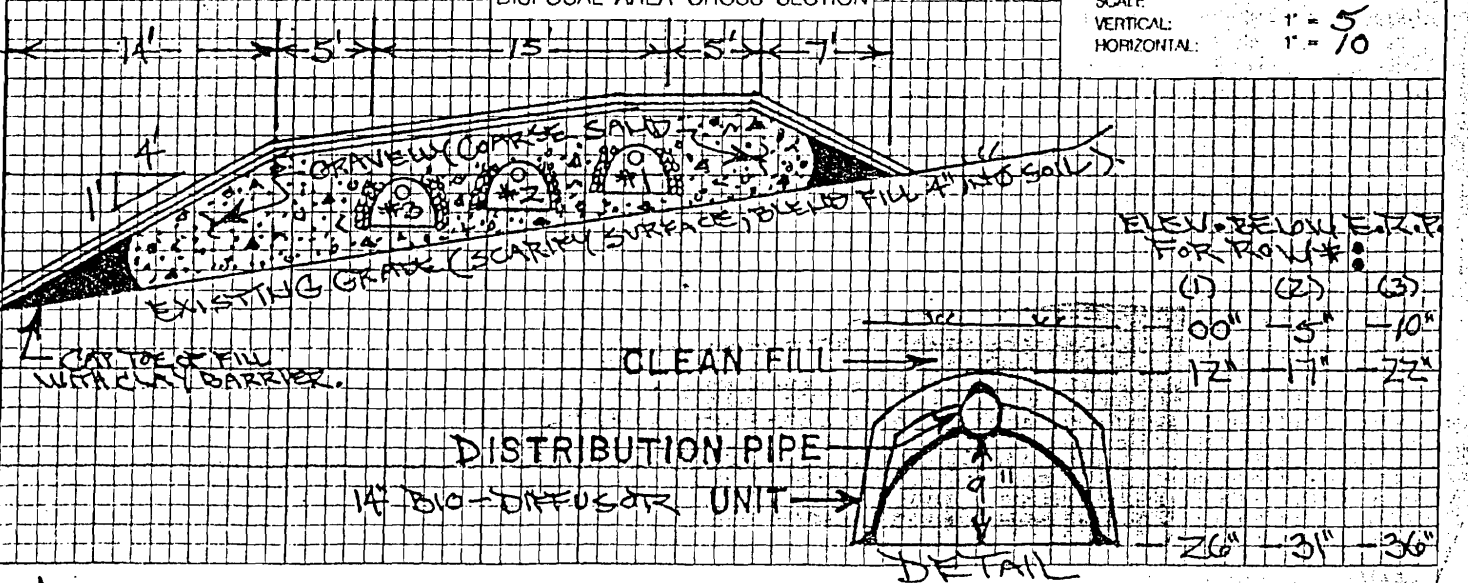
Finished Grade Elevation
Top of Distribution Pipe or Proprietary Device
Bottom of Disposal Area

"SEE
DETAIL
BELOW"

ELEVATION REFERENCE POINT
Location & Description
Reference Elevation

NAIL IN 18"
DIA. OAK 153" ABOVE
GRADE.
AT 00"

DISPOSAL AREA CROSS SECTION



James L. Mancini
Site Evaluator Signature

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SE

APRIL 1, 1999
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