

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

PROPERTY LOCATION		>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<	
City, Town, or Plantation	PORTLAND	PORTLAND PERMIT # 9149 STATE COPY Date Permit Issued: 10/26/04 \$ 11101010 <input type="checkbox"/> If Double Fee Charged JEANIE BOURLA L.P.I. # 01732 Local Plumbing Inspector Signature	FEE
Street or Road	GRT. DIAMOND ISLAND		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	SUSAN AND JOHN KINSEY <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant		
Mailing Address of Owner/Applicant			
Daytime Tel. #		Municipal Tax Map # _____ Lot # _____	
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
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.		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant _____ Date _____		Local Plumbing Inspector Signature _____ (2nd) date approved _____	

PERMIT INFORMATION		
TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENTS
<input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type replaced: _____ Year installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <input type="checkbox"/> b. Major Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Disposal Area <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous Components
SIZE OF PROPERTY	DISPOSAL SYSTEM TO SERVE	OF WATER SUPPLY
1.5: <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	<input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 5 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: _____ (specify)	<input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other
SHORELAND ZONING	Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

CITY OF PORTLAND
 APPROVED COPY
 OCT 26 2004
 SUPERSEDES ALL PRIOR DATED APPLICATIONS

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
<input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: 1250 ORGAL. 1500 GAL	<input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. regular load <input type="checkbox"/> d. H-20 load <input checked="" type="checkbox"/> 4. Other: Elfin In-drains SIZE: 1500 sq. ft. <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	<input type="checkbox"/> 1. No <input checked="" type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input checked="" type="checkbox"/> a. multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. increase in tank capacity <input type="checkbox"/> d. Filter on Tank Outlet	450 gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 501.1 (dwelling unit(s)) <input type="checkbox"/> 2. Table 501.2 (other facilities) SHOW CALCULATIONS --- for other facilities ---
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	5 BEDROOM DWELLING DEPT. OF BUILDING INSPECTION CITY OF PORTLAND, ME OCT 15 2004 Section 505.0 (meter Readings) ATTACH WATER METER DATA
PROFILE CONDITION DESIGN 2 / A III / 3 at Observation Hole # _____ Depth 24" of Most Limiting Soil Factor	<input type="checkbox"/> 1. Small--2.0 sq. ft. / gpd <input type="checkbox"/> 2. Medium--2.6 sq. ft. / gpd <input checked="" type="checkbox"/> 3. Medium--Large 3.3 sq. ft. / gpd <input type="checkbox"/> 4. Large--4.1 sq. ft. / gpd <input type="checkbox"/> 5. Extra Large--5.0 sq. ft. / gpd	<input type="checkbox"/> 1. Not Required <input checked="" type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons	

SITE EVALUATOR STATEMENT		
I certify that on 9/30/04 (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).		
_____ Site Evaluator Signature	267 SE #	10/1/04 REV 10/15/04 Date
ALAN L. BURNELL Site Evaluator Name Printed	781-5242 Telephone Number	ABURNELL@PINKHAMANDGREER.COM E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.		

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION		Department of Human Services Division of Health Engineering (207) 287-5672 Fax: (207) 287-3165
Town, City, Plantation PORTLAND	Street, Road, Subdivision GRT DIAMOND ISLAND	Owner's Name S & J KINSEY
SITE PLAN Scale 1" = <u>100</u> ft. or as shown		SITE LOCATION PLAN (map from Maine Atlas recommended)
<div style="border: 2px solid black; padding: 10px; transform: rotate(-5deg); width: fit-content; margin: auto;"> <p style="text-align: center;">CITY OF PORTLAND MAINE APPROVED CONSTRUCTION PLANS</p> <p style="font-size: 24px; font-weight: bold; text-align: center;">OCT 26 2004</p> <p style="text-align: center;">SUPERSEDES ALL PRIOR DATED PLANS</p> </div>		<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="font-size: 24px; font-weight: bold; text-align: center;">SEE ATTACHED</p> </div>
<p style="font-size: 24px; font-weight: bold;">SEE ATTACHED</p>		<div style="border: 1px dashed black; padding: 10px; width: fit-content; margin: auto;"> <p style="font-size: 24px; font-weight: bold; text-align: center;">RECEIVED</p> <p style="text-align: center;">OCT 15 2004</p> </div>

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

Observation Hole # 1 Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil _____

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	SANDY		DK BROWN	
10	LOAM		BROWN	
20	LOAMY		LGHT OLIVE	
30	SAND		OLIVE	COMMON
35	BEDROCK			
40				
50				

Soil Classification 2 A III	Slope 5 %	Limiting Factor 24"	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
Profile	Condition		



TFH ARCHITECTS 100 COMMERCIAL STREET PORTLAND MAINE 04101 TELEPHONE 207-775-6141 ARCHITECTURE AND PLANNING

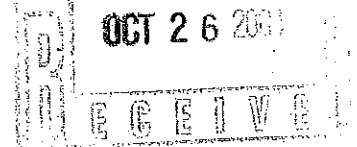
FAX TRANSMITTAL

To: Jeanie Bourke Fax: (207) 874-8716
From: Richard Lo (Fax: 207-773-0194)
Date: 25 October 2004
Pages: 3, including this page
Re: Kinsey House, Great Diamond Island, CBL # 83FA69

Following your conversation with Alan Burnell today, regarding the septic force main & fill, he has sent me a revision to page 3 of his proposed septic design. I have attached a copy of it here for you.

Also attached is a drawing showing a revised location of the septic tank - to avoid the need for the force main to cross over/under any other utilities, as discussed with you earlier today.

Regards,
Richard



SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
 Division of Health Engineering
 (207) 287-5672 Fax: (207) 287-3165

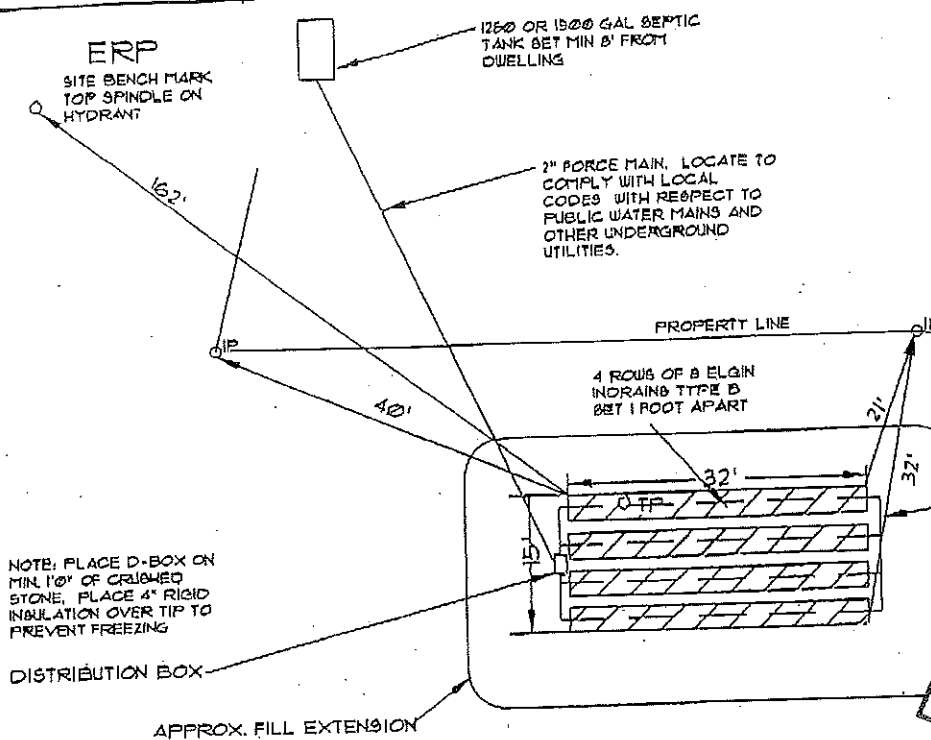
Town, City, Plantation
PORTLAND

Street, Road, Subdivision
GRT DIAMOND

Owner's Name
S & J KINSEY

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



OCT 26 2004

USE 4" SOLID PIPE TO
 CONNECT ROWS

CITY OF PORTLAND, MAINE
 APPROVED CONSTRUCTION PLANS

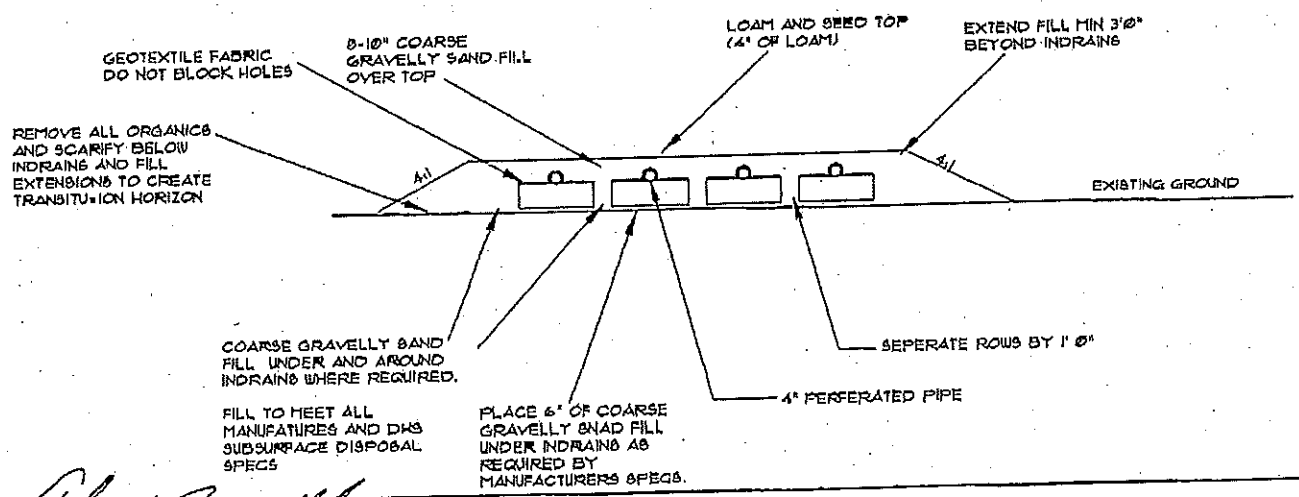
OCT 26 2004

SUPERSEDED
 PREVIOUS ELEVATION
 ELEVATION DATED
 LOCATION & DESCRIPTION
 REFERENCE POINT
 SITE BENCH MARK
 TOP SPINDLE ON
 HYDRANT
 REFERENCE ELEVATION: 8.35'

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS	
Depth of Fill (Upslope)	24"	Finished Grade Elevation	79.1'
Depth of Fill (Downslope)	24"	Top of Distribution Pipe or Proprietary Device	77.9
		Bottom of Disposal Area	77.1'

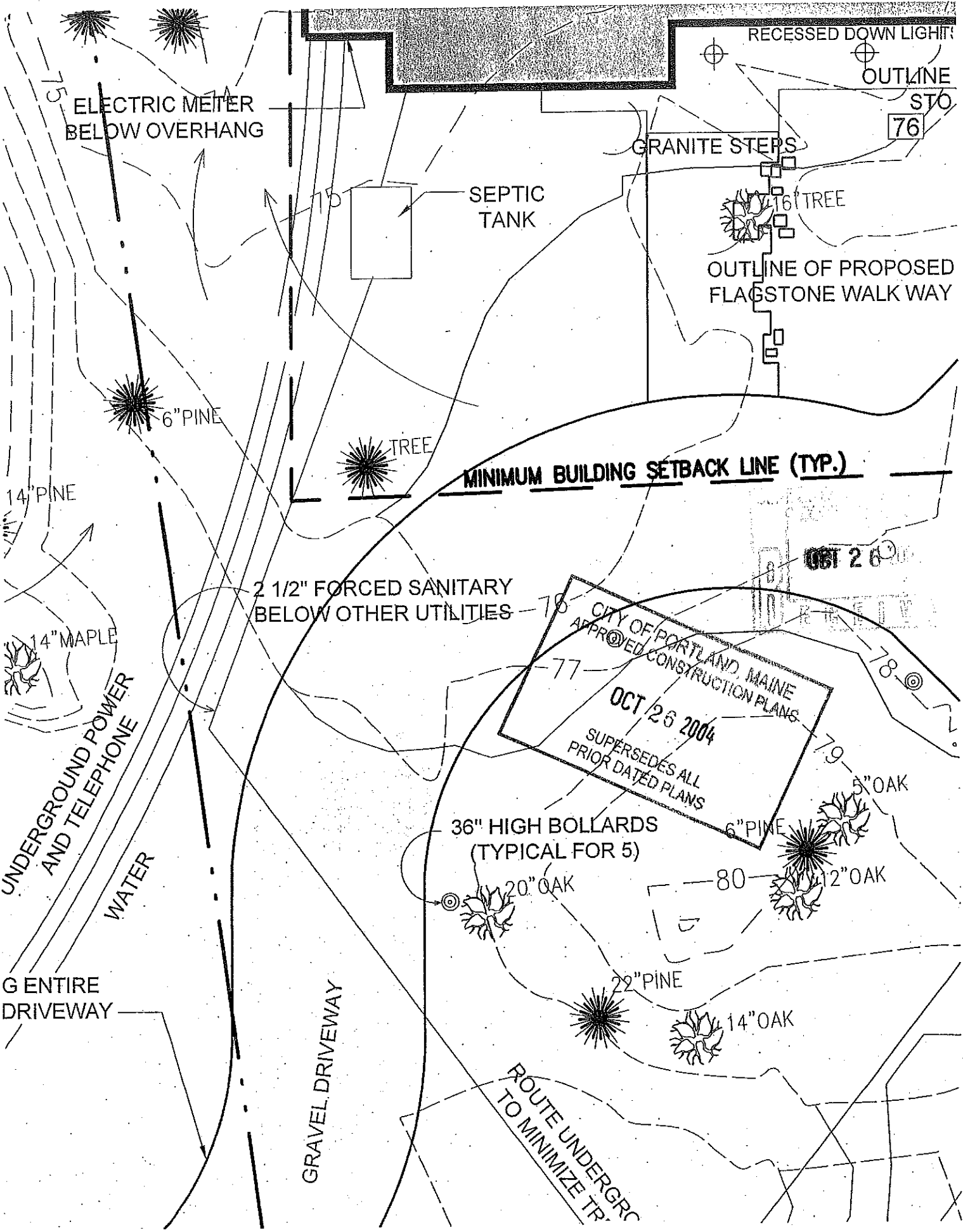
DISPOSAL AREA CROSS SECTION

Scale
 Horizontal 1" = 10' ft.
 Vertical 1" = 5' ft.



Site Evaluator Signature

267 SE # 10/1/04 REV 2 10/25/04 Date



RECESSED DOWN LIGHTS

OUTLINE STO 76

ELECTRIC METER BELOW OVERHANG

GRANITE STEPS

SEPTIC TANK

16\"/>

OUTLINE OF PROPOSED FLAGSTONE WALK WAY

6\"/>

TREE

MINIMUM BUILDING SETBACK LINE (TYP.)

14\"/>

OCT 26 2004

2 1/2\"/>

CITY OF PORTLAND, MAINE
APPROVED CONSTRUCTION PLANS
OCT 26 2004
SUPERSEDES ALL PRIOR DATED PLANS

14\"/>

UNDERGROUND POWER AND TELEPHONE
WATER

36\"/>

5\"/>

20\"/>

12\"/>

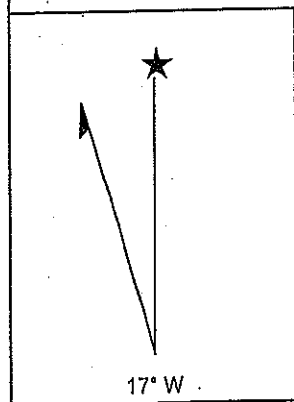
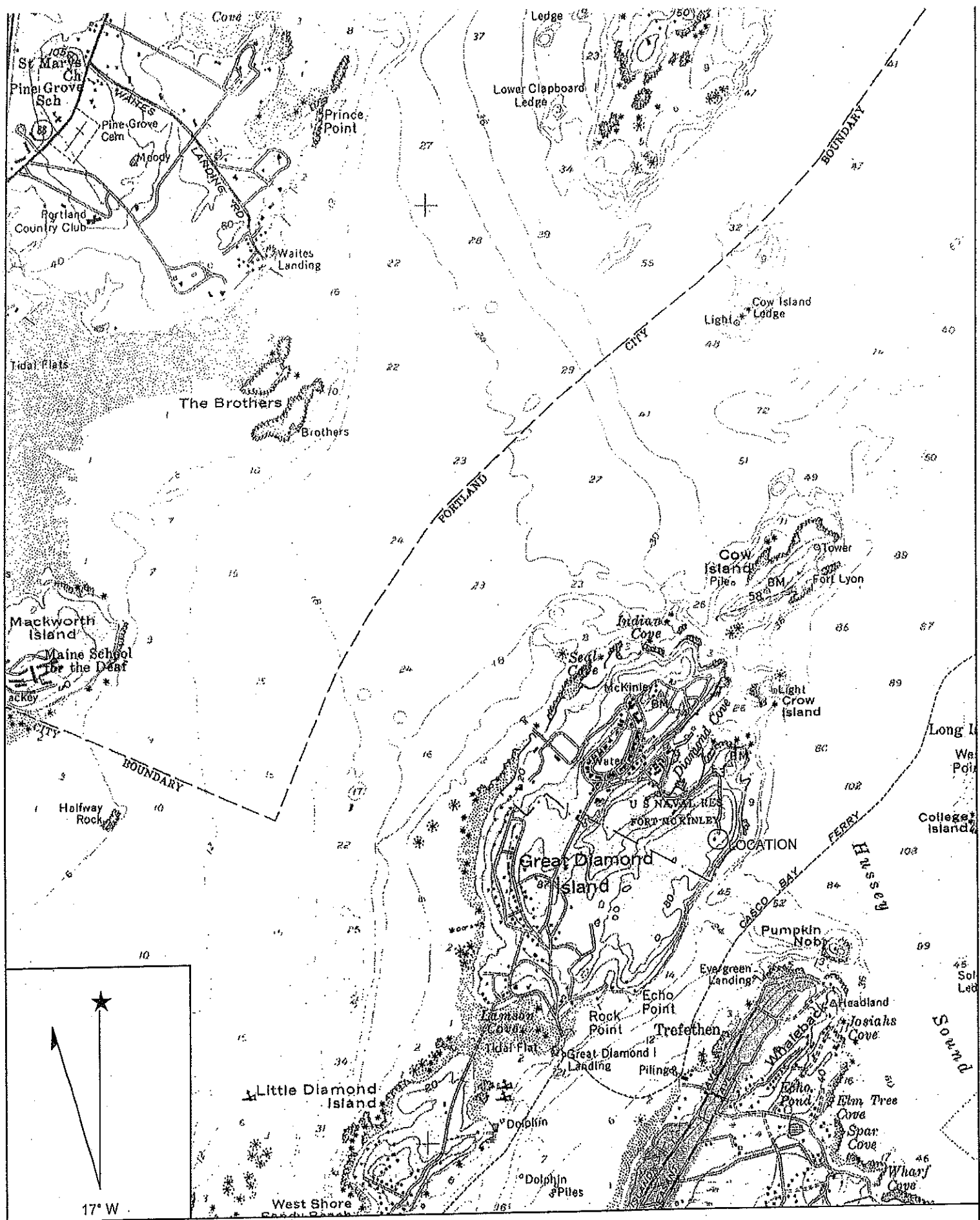
22\"/>

14\"/>

ENTIRE DRIVEWAY

GRAVEL DRIVEWAY

ROUTE UNDERGR
TO MINIMIZE TR

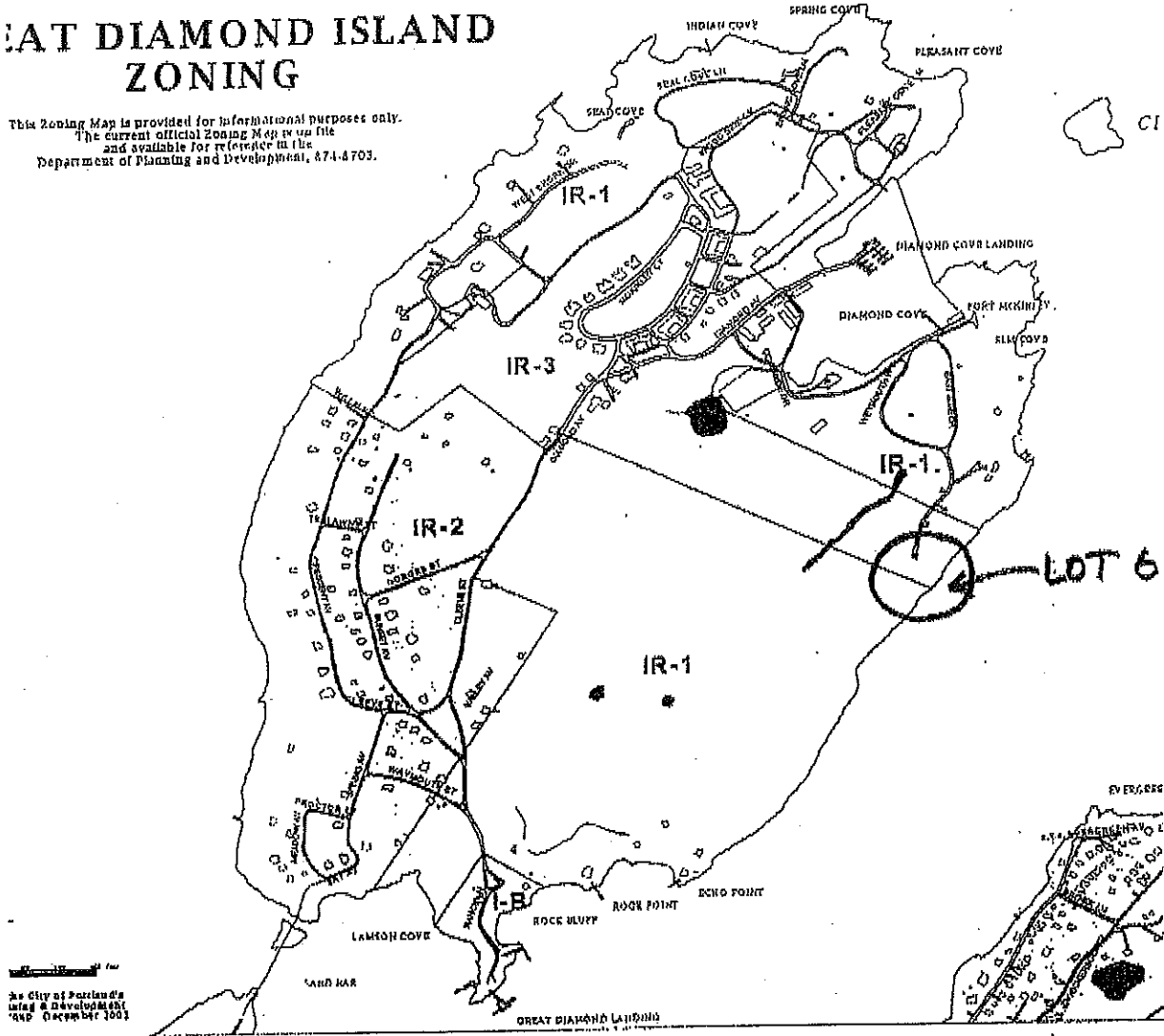


Name: PORTLAND EAST
 Date: 10/1/2004
 Scale: 1 inch equals 2000 feet

Location: 043° 41' 25.5" N 070° 12' 15.1" W
 Caption: SUSAN AND JOHN KINSEY
 GREAT DIAMOND ISLAND
 PORTLAND, MAINE

GREAT DIAMOND ISLAND ZONING

This Zoning Map is provided for informational purposes only.
The current official Zoning Map is on file
and available for reference in the
Department of Planning and Development, 874-8703.



Top Ten Tank Tips

1. Pump your septic tank every two to five years, depending how heavily the system is used. Insist that the pumper clean your septic tank through the manhole in the center of the top of your septic tank, rather than the inspection ports above the inlet and outlet baffles.
2. If you use a garbage grinder (a.k.a. "dispose-all"), pump your tank every year. Or, better yet, remove the garbage grinder and compost your kitchen scraps. Garbage grinder use leads to buildups of grease from meat scraps and bones, and insoluble vegetable solids such as cellulose and lignin.
3. Keep kitchen grease, such as bacon fat and deep fryer oil, out of your septic system. It is not broken down easily by your system, can clog your drain field, and can not be dissolved by any readily available solvent that is legal to introduce to groundwater.
4. Space out laundry loads over the course of the week and wash only full loads. The average load of laundry uses 47 gallons of water. One load per day rather than 7 loads on Saturday makes a big difference to your septic system.

Also, front loading washers use less water than top loading machines.

5. Install low usage water fixtures. By installing low water usage showerheads (2.5 gallons/minute), toilets (1.6 gallons), dishwashers (5.3 gallons) and washing machines (14 gallons) an average family can reduce the amount of water entering the septic system by 20,000 gallons per year! Low flow showerheads and toilets can be purchased at local lumberyards. Water saving dishwashers and washing machines can be purchased at better appliance stores.
6. Install a septic tank outlet filter in your tank. These generally sell for \$100 to \$200 depending upon brand and model. They catch small floating particles and lightweight solids, such as hair, before they can make it out to the disposal area and cause trouble. Some models are also designed to capture suspended grease.
7. Use liquid laundry detergent. Powered laundry detergents use clay as a "carrier." This clay can hasten the buildup of solids in the septic tank and potentially plug the disposal area.
8. Minimize the amount of household cleaners (bleach, harsh cleaners) and similar potentially toxic

substances entering the septic system. Pump your septic tank every 6 to 12 months if you do lots of painting or staining, as with a home remodel or renovation, and you wash the tools in a sink or basin which drains to the septic system. Note: some substances are not allowed to be introduced into septic systems or groundwater tables. If in doubt, contact the Local Plumbing Inspector for more information.

9. Do not use disinfecting automatic toilet bowl cleaners, such as those containing bleach or acid compounds. The continuous slow release of these chemicals into the septic system kills the micro-organisms which treat your waste water.
10. You do not need to put special additives into your septic system. In fact, some can do more harm than good. Those which advertise that they will remove solids from your tank, usually do. The problem is that the solids exit the tank and end up in the disposal field. Once there, the solids seal off the disposal area, and the system malfunctions. Also, although it hurts nothing, it is not necessary to "seed" a new system with yeast, horse manure, and so forth. Normal human waste contains enough bacteria for the septic tank, and other microbes are already present in the soil and stones of the disposal area.

083-FA-069

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 10 SHS
(207) 287-5672 Fax: (207) 287-3165

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

PROPERTY LOCATION

City, Town, or Plantation: PORTLAND

Street or Road: GRT. DIAMOND ISLAND

Subdivision, Lot #: LOT 69 116 East Side Dr.

2004-6025

OWNER/APPLICANT INFORMATION

Name (last, first, MI): SUSAN AND JOHN KINSEY Owner Applicant

The Subsurface Wastewater Disposal System *shall not* be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Mailing Address of Owner/Applicant: % TFH ARCHITECTS
SUITE 212
100 COMMERCIAL ST., PORTLAND
ME 04101

See Revision attached

Daytime Tel. #: (207) 775-6141

Municipal Tax Map # _____ Lot # _____

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.

Richard L 10.14.04
on behalf of _____ Signature of Owner or 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 (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

1.5: SQ. FT. ACRES

DISPOSAL SYSTEM TO SERVE

1. Single Family Dwelling Unit, No. of Bedrooms: 5
 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: 1500 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: _____
SIZE: 1500 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

450 gallons per day
BASED ON:
 1. Table 501.1 (dwelling unit(s))
 2. Table 501.2 (other facilities)
SHOW CALCULATIONS
--- for other facilities ---
5 BEDROOM DWELLING
OCT 14 2004
 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE: 2 / A III / 3
CONDITION: _____
DESIGN: _____
at Observation Hole # _____
Depth: 24"
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

SITE EVALUATOR STATEMENT

I certify that on 8/30/04 (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).

Alan L. Burnell 267 10/1/04
Site Evaluator Signature SE # Date

ALAN L. BURNELL 781-5242 ABURNELL@PINKHAMANDGREER.COM
Site Evaluator Name Printed Telephone Number E-mail Address

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator. HHE-200 Rev. 8/01

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
 Division of Health Engineering
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation **PORTLAND** Street, Road, Subdivision **GRT DIAMOND ISLAND**

Owner's Name **S & J KINSEY**

SITE PLAN Scale 1" = 100 ft. or as shown

SITE LOCATION PLAN
 (map from Maine Atlas recommended)

SEE ATTACHED

SEE ATTACHED

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

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0	SANDY LOAM		DK BROWN	
10			LGHT OLIVE	
20	LOAMY SAND		OLIVE	
30				COMMON
35	BEDROCK			
40				
50				

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

Depth Below Mineral Soil Surface (inches)	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

Soil Classification 2 A III Profile Condition	Slope 5 %	Limiting Factor 24"	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
--	---------------------	-------------------------------	--

Soil Classification _____ Profile Condition	Slope _____%	Limiting Factor ____"	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
---	-----------------	--------------------------	--

[Signature]
 Site Evaluator Signature

267
 SE #

10/1/03
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

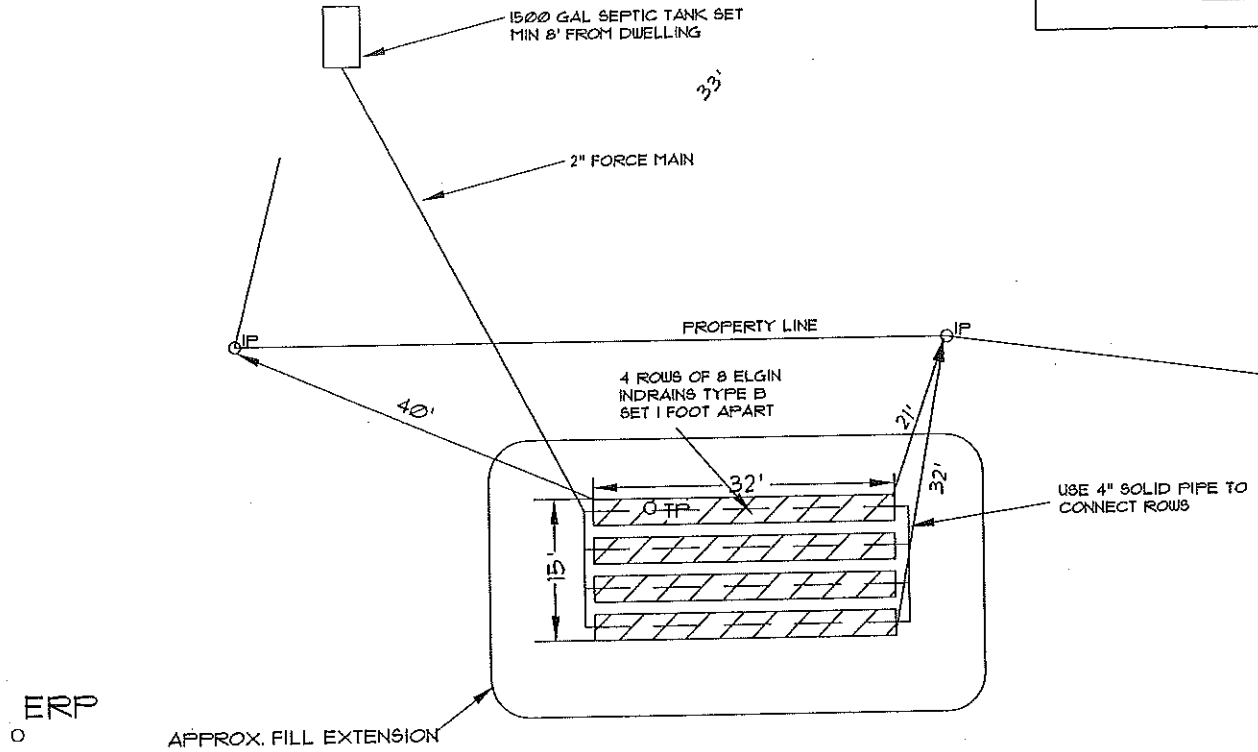
Department of Human Services
 Division of Health Engineering
 (207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation: **PORTLAND**
 Street, Road, Subdivision: **GRT DIAMOND**

Owner's Name: **S & J KINSEY**

SUBSURFACE WASTEWATER DISPOSAL PLAN

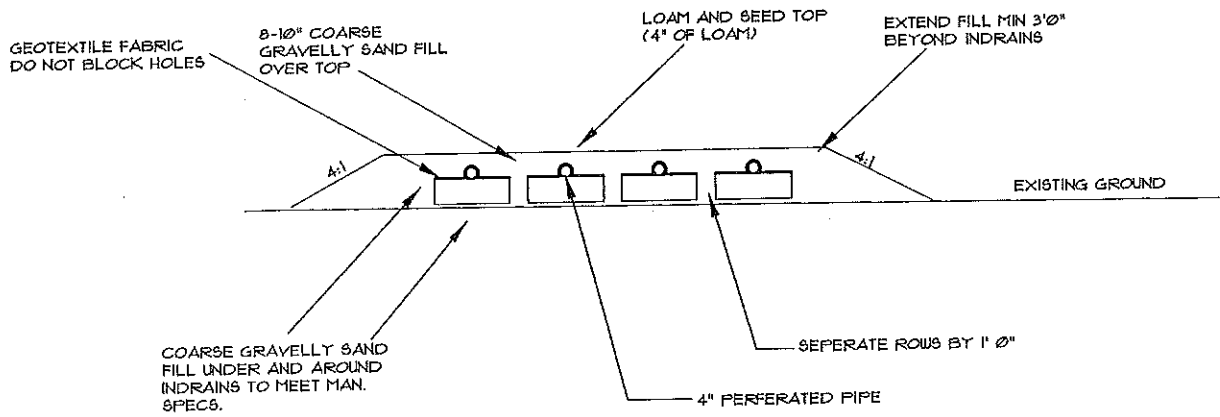
SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	24"	Finished Grade Elevation	0	Location & Description:	PROJ BENCH MARK HYD RING
Depth of Fill (Downslope)	24"	Top of Distribution Pipe or Proprietary Device	0	Reference Elevation:	0"
		Bottom of Disposal Area	0		

DISPOSAL AREA CROSS SECTION

Scale
 Horizontal 1" = 10' ft.
 Vertical 1" = 5' ft.



[Signature]
 Site Evaluator Signature

267
 SE #

10/1/04
 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

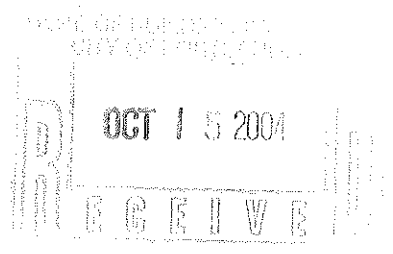
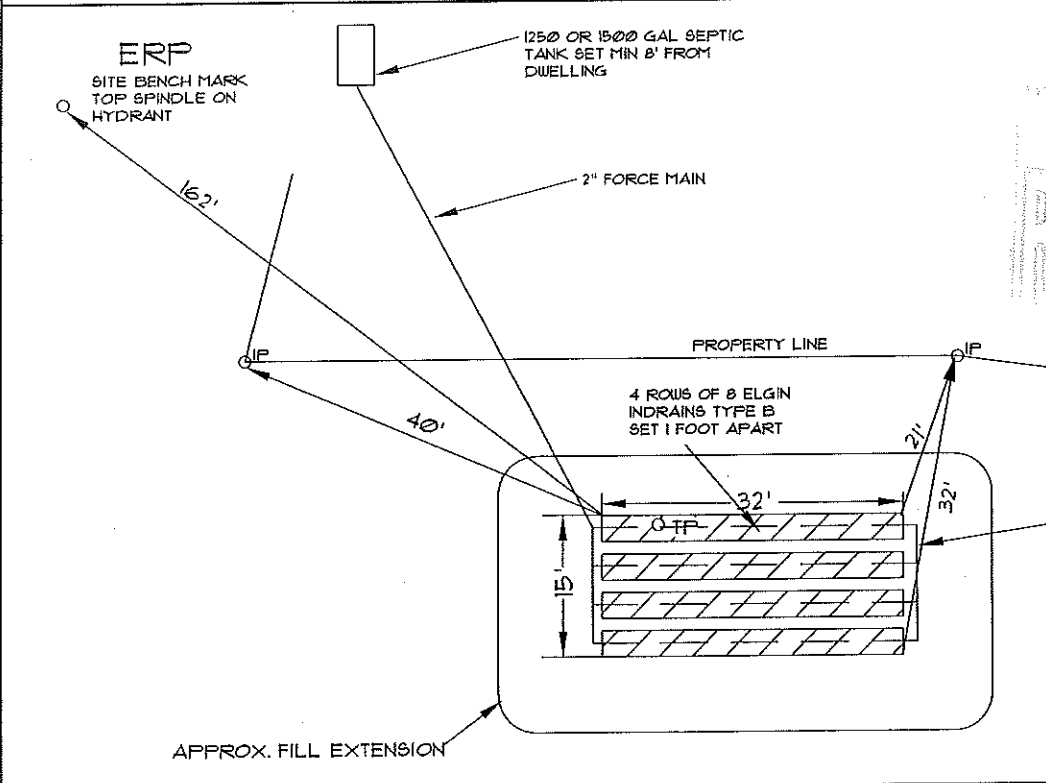
Town, City, Plantation: **PORTLAND**
 Street, Road, Subdivision: **GRT DIAMOND**

Department of Human Services
 Division of Health Engineering
 (207) 287-5672 Fax: (207) 287-3165

Owner's Name: **S & J KINSEY**

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS

Depth of Fill (Upslope)	24"
Depth of Fill (Downslope)	24"

CONSTRUCTION ELEVATIONS

Finished Grade Elevation	79.1'
Top of Distribution Pipe or Proprietary Device	77.9
Bottom of Disposal Area	77.1'

ELEVATION REFERENCE POINT

Location & Description: SITE BENCH MARK
TOP SPINDLE ON
HYDRANT

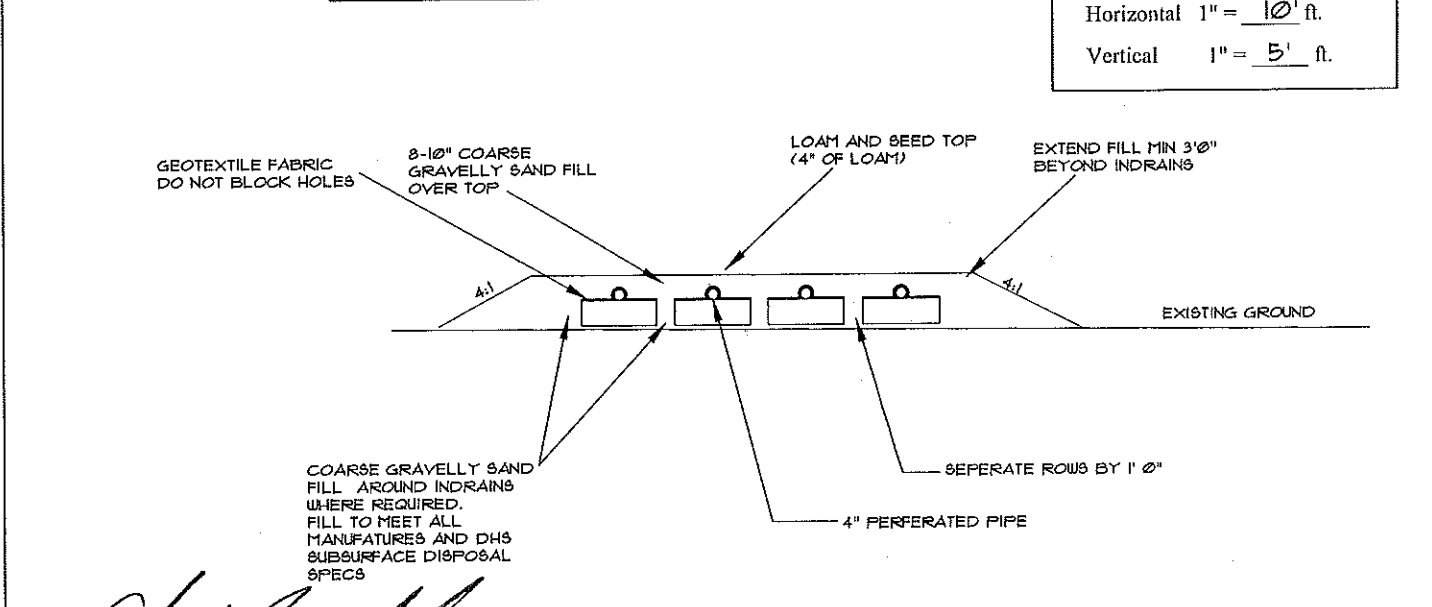
Reference Elevation: 81.35'

DISPOSAL AREA CROSS SECTION

Scale

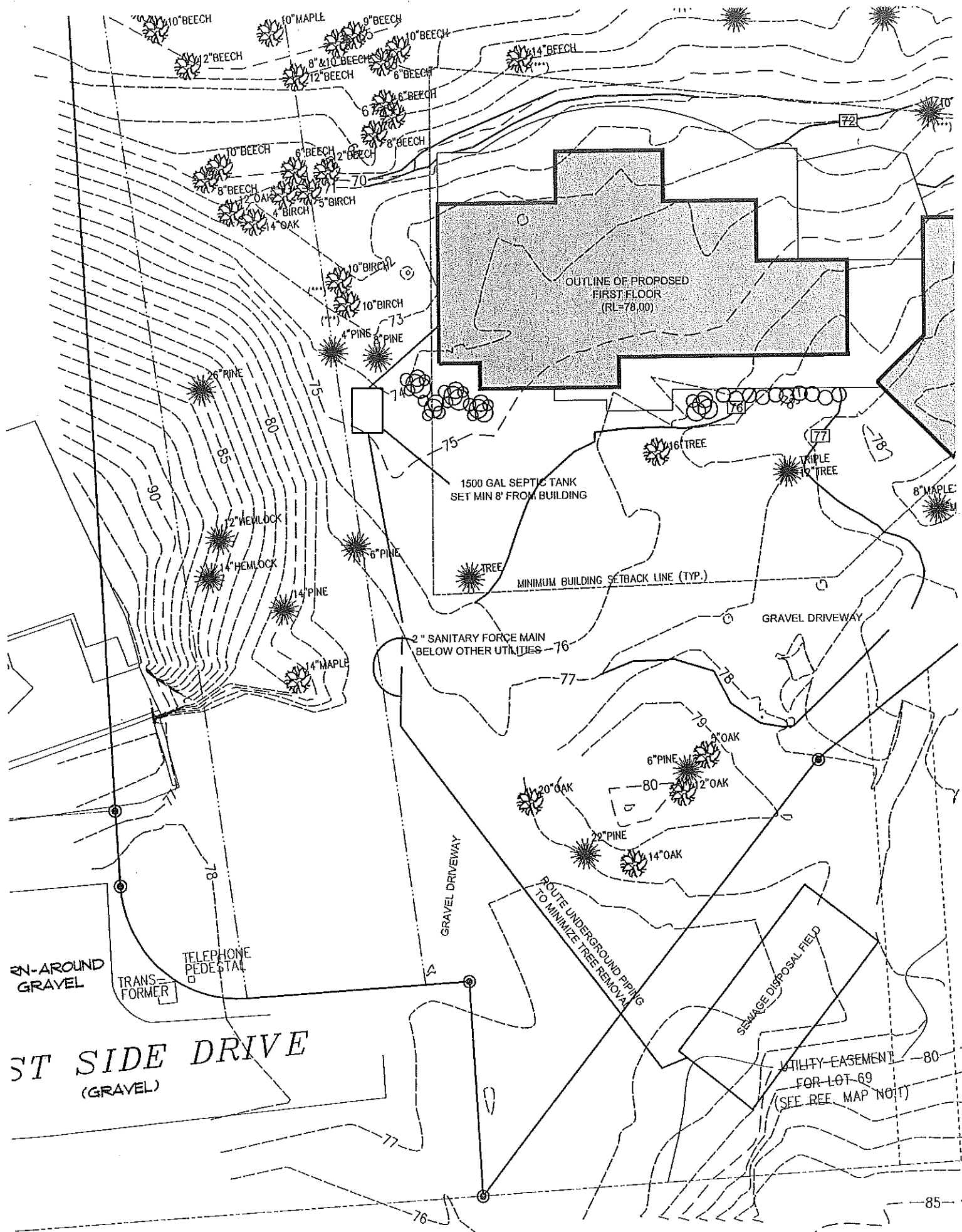
Horizontal 1" = 10' ft.

Vertical 1" = 5' ft.



[Signature]
 Site Evaluator Signature

267 SE # 10/1/04 REV 1 10/15/04 Date



30'-AROUND GRAVEL
 TRANSFORMER
 TELEPHONE PEDESTAL
ST SIDE DRIVE
 (GRAVEL)

GRAVEL DRIVEWAY

ROUTE UNDERGROUND PIPING
TO MINIMIZE TREE REMOVAL

SEWAGE DISPOSAL FIELD

UTILITY-EASEMENT
FOR LOT-69
(SEE REF. MAP NO(1))

1" = 20'

RECEIVED

08/11/2004

RECEIVED

1" = 20'

REV 1 10/15/04

RRS

EAST SIDE DRIVE
(GRAVEL)

ERP

SITE BENCHMARK
TOP SPINDLE
ELEVATION = 8135'

162

TURN-AROUND
GRAVEL

TRANS-FORMER

TELEPHONE
PEDESTAL

GRAVEL DRIVEWAY

ROUTE UNDERGROUND PIPING
TO MINIMIZE TREE REMOVAL

SEWAGE DISPOSAL FIELD

UTILITY-EASEMENT
FOR LOT-69
(SEE REE. MAP NO. 17)

2" SANITARY FORCE MAIN
BELOW OTHER UTILITIES - 16"

MINIMUM BUILDING SETBACK LINE (TTP)

1250 OR 1500 GAL SEPTIC TANK
SET MIN 8' FROM BUILDING

OUTLINE OF PROPOSED
FIRST FLOOR
(RL=78.00)

