

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> Caution: Permit Required – Attach in Space Below <<	
City, Town, or Plantation	PORTLAND	<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">20046019</div> <div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>PORTLAND Date Permit Issued: <u>8/10/04</u></p> <p>Local Plumbing Inspector Signature: <u>[Signature]</u></p> </div> <div style="text-align: center;"> <p>PERMIT # 9041</p> <p>\$ <u>1100.00</u></p> </div> <div style="text-align: right;"> <p>STATE COPY <input type="checkbox"/> If Double Fee Charged</p> <p>L.P.I. # <u>6640</u></p> <p>LOCAL SURCHARGE \$10.00</p> </div> </div>	
Street or Road	11 CAMPBELL RD		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	NICHOLS, EMILY	X Owner X Applicant	
Mailing Address of	11 CAMPBELL RD.		
X Owner X Applicant	PORTLAND, MAINE 04103		
Daytime Tel. #	415-2485	Municipal Tax Map # <u>268 B</u> Lot # <u>11</u>	
Owner or Applicant Statement		Caution: Inspection Required	
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.	
<u>[Signature]</u> Signature of Owner or Applicant		_____ Local Plumbing Inspector Signature	
_____ Date		_____ (1st) Date Approved	
_____ Date		_____ (2nd) Date Approved	

PERMIT INFORMATION			
TYPE OF APPLICATION 1. <input type="checkbox"/> First Time System 2. <input checked="" type="checkbox"/> Replacement System Type Replaced: <u>UNKNOWN</u> Year Installed: <u>UNKNOWN</u> 3. <input type="checkbox"/> Expanded System a. <input type="checkbox"/> Minor Expansion b. <input type="checkbox"/> Major Expansion 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES 1. <input type="checkbox"/> No Rule Variance 2. <input type="checkbox"/> First Time System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 3. <input checked="" type="checkbox"/> Replacement System Variance a. <input checked="" type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENT(S) 1. <input checked="" type="checkbox"/> Complete Non-engineered System 2. <input type="checkbox"/> Primitive System (graywater & alternative toilet) 3. <input type="checkbox"/> Alternative Toilet, specify: _____ 4. <input type="checkbox"/> Non-engineered Treatment Tank (only) 5. <input type="checkbox"/> Holding Tank, capacity: _____ gallons 6. <input type="checkbox"/> Non-engineered Disposal Field (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Complete Engineered System (2000 gpd or more) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Field (only) 11. <input type="checkbox"/> Pre-treatment, specify: _____ 12. <input type="checkbox"/> Miscellaneous components	
SIZE OF PROPERTY 0.17 +/- <input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> acres	DISPOSAL SYSTEM TO SERVE 1. <input checked="" type="checkbox"/> Single Family Dwelling Unit, No. of Bedrooms: 2 2. <input type="checkbox"/> Multiple Family Dwelling, No. of Units: 3. <input type="checkbox"/> Other: _____ SPECIFY		
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TYPE OF WATER SUPPLY 1. <input type="checkbox"/> Drilled Well 2. <input type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input checked="" type="checkbox"/> Public 5. <input type="checkbox"/> Other: _____		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK 1. <input checked="" type="checkbox"/> Concrete (EXISTING) a. <input checked="" type="checkbox"/> Regular b. <input type="checkbox"/> Low Profile 2. <input type="checkbox"/> Plastic or concrete 3. <input type="checkbox"/> Other: _____ CAPACITY: 1000 gallons	DISPOSAL FIELD TYPE & SIZE 1. <input type="checkbox"/> Stone Bed 2. <input type="checkbox"/> Stone Trench 3. <input checked="" type="checkbox"/> Proprietary Device a. <input type="checkbox"/> Cluster array c. <input checked="" type="checkbox"/> Linear b. <input type="checkbox"/> Regular load d. <input type="checkbox"/> H-20 Load 4. <input type="checkbox"/> Other: _____ SIZE: 150 <input type="checkbox"/> sq. ft. <input checked="" type="checkbox"/> ln. ft.	GARBAGE DISPOSAL UNIT 1. <input checked="" type="checkbox"/> No 2. <input type="checkbox"/> Yes 3. <input type="checkbox"/> Maybe >> If yes/maybe, specify one below: a. <input type="checkbox"/> Multi-Compartment Tank b. <input type="checkbox"/> Tanks In Series c. <input type="checkbox"/> Increase In Tank Capacity d. <input type="checkbox"/> Filter on Tank Outlet	DESIGN FLOW 270 gallons-per-day (gpd) BASED ON: 1. <input checked="" type="checkbox"/> Table 501.1 (dwelling unit(s)) 2. <input type="checkbox"/> Table 501.2 (other facilities) SHOW CALCULATIONS – for other facilities –
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN <input type="checkbox"/> 5 • <input type="checkbox"/> B • <input checked="" type="checkbox"/> 2 at Observation Hole # <u>TB-1</u> Depth >56" Elevation >-105" ERP OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING 1. <input type="checkbox"/> Small – 2.0 sq. ft./gpd 2. <input checked="" type="checkbox"/> Medium – 2.6 sq. ft./gpd 3. <input type="checkbox"/> Medium-Large – 3.3 sq. ft./gpd 4. <input type="checkbox"/> Large – 4.1 sq. ft./gpd 5. <input type="checkbox"/> Extra Large – 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP 1. <input checked="" type="checkbox"/> Not Required 2. <input type="checkbox"/> May Be Required 3. <input type="checkbox"/> Required >> Specify dose for engineered & experimental systems DOSE: _____ gallons	

SITE EVALUATOR STATEMENT			
I certify that on <u>7/8/04</u> completed a site evaluation on this property and state that the data reported herein are accurate and that the proposed system is in compliance with the Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).			
<u>[Signature]</u> Site Evaluator Signature	345 SE #	7/8/04 Date	
Michael Beyling Site Evaluator Name Printed	(207)795-6009 Telephone #	mdeyling@summitenv.com E-Mail Address	Page 1 of 3 HHE-200 Rev. 8/01

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation
PORTLAND

Street, Road, Subdivision
11 CAMPBELL RD

Owner or Applicant Name
NICHOLS

SITE PLAN Scale: 1" = _____ ft.

SITE LOCATION MAP
 (Attach map from Maine Atlas for First Time System Variance)

SEE ATTACHED

SEE ATTACHED

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

Observation Hole # TB-1 Test Pit Boring

0 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				NONE EVIDENT
6	SANDY LOAM	FRIABLE	BROWN	
12		LOOSE		
18				
24				
30	MED TO COARSE SAND	GRANULAR MASSIVE	BROWN TO TAN	
36				
42				
48				

Soil Profile 5 Classification B Condition 0-3 Slope Percent Limiting Factor >56 " Depth

Groundwater RESTRICT Bedrock

Observation Hole # _____ " Test Pit Boring

_____ " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0				
6				
12				
18				
24				
30				
36				
42				
48				

Soil Profile _____ Classification _____ Condition _____ Slope _____ Percent Limiting Factor _____ Depth

Groundwater Restrictive Layer Bedrock

Michael Doyling
 Site Evaluator Signature

345
 SE #

7/8/04
 Date

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Owner or Applicant Name
NICHOLS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = _____ ft.

SEE
ATTACHED

BACKFILL REQUIREMENTS

Depth of Backfill (upslope) SEE DRAWINGS
Depth of Backfill (downslope) SEE DRAWINGS
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation -49" ERP
Top of proprietary device -67" ERP
Bottom of Disposal Field -85" ERP

ELEVATION REFERENCE POINT

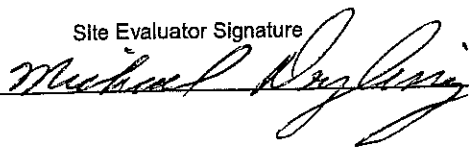
Location & Description: 18" PINE TREE
W/ NAIL AND ORANGE PAINT LINE
Reference Elevation is: 0.0" or: _____

DISPOSAL FIELD CROSS SECTION

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

SEE
ATTACHED

Site Evaluator Signature



SE #

345

Date

7/8/04

HHE-200 Rev. 6/01

Page 3 of 3

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application (HHE-200) for the proposed replacement system which requires a variance to the Rules. The LPI shall review the Replacement System Variance Request an HHE-200 and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 2006)
2. There will be no change in use of the structure except as authorized for minor expansions outside the shoreland zone of major waterbodies/courses.
3. The replacement system is determined by the Site Evaluator and LPI to be the most practical method to treat and dispose of the wastewater.
4. The BOD5 plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

GENERAL INFORMATION

Town of PORTLAND
 Date Permit Issued _____
 Tel. No.: 415-2485
 Permit No. _____
 Property Owner's Name: EMILY NICHOLS
 System's Location: 11 CAMPBELL RD, PORTLAND, MAINE 04103
 Property Owner's Address: SAME
 (If different from above)

RECEIVED
 JUL 30 2004
 WASTEWATER &
 PLUMBING PROGRAM

SPECIFIC INSTRUCTIONS TO THE:

LOCAL PLUMBING INSPECTOR (LPI):
If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:
If after completing the Application, you find that a variance for the proposed replacement system is needed, complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:
If it has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

PROPERTY OWNER

I understand that the proposed system requires a variance to the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Emily Nichols
SIGNATURE OF OWNER

7/16/04
DATE

LOCAL PLUMBING INSPECTOR

I, MICHAEL AUGENT, the undersigned, have visited the above property and have determined to the best of my knowledge that it cannot be installed in compliance with the Rules. As a result of my review of the Replacement Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

- a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant.
- OR-
b. Find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, ~~do not recommend~~) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, she shall state his reasons in Comments Section below as to why the proposed replacement system is not being recommended.

Comments:

Michael Augent #640
LPI SIGNATURE

7/29/04
DATE

Replacement System Variance Request

LIMIT OF LPI'S APPROVAL AUTHORITY

VARIANCE REQUESTED TO:

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:		
	Disposal Fields (total design flow)			Septic Tanks (total design flow)			Disposal Fields	Septic Tank	
From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To	
SOILS							to 7"	inches	
Soil Profile	Ground Water Table						to 7"	inches	
Soil Condition	Restrictive Layer						to 7"	inches	
from HHE-200	Bedrock						to 12"	inches	
SETBACK DISTANCES (in feet)	Disposal Fields (total design flow)			Septic Tanks (total design flow)			Disposal Fields	Septic Tank	
	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To	
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft [a]	300 ft [a]	300 ft [a]	100 ft [a]	100 ft [a]	100 ft [a]			
Owner's wells	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	100 down to 50 ft [b]	100 down to 50 ft	100 down to 50 ft			
Neighbor's wells	100 down to 60 ft [b]	200 down to 120 ft [b]	300 down to 180 ft [b]	100 down to 50 ft [b]	100 down to 75 ft [b]	100 down to 75 ft [b]			
Water supply line	10 ft [a]	20 ft [a]	25 ft [a]	10 ft [a]	10 ft [a]	10 ft [a]			
Water course, major - for replacements only, see Table 400.4 for major expansions	100 down to 60 ft	200 down to 120 ft	300 down to 180 ft	100 down to 50 ft	100 down to 50 ft	100 down to 50 ft			
Water course, minor	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft			
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft			
Edge of fill extension - Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]			
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A			
No full basement [e.g. slab, frost wall, columns]	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft	6		
Full basement [below grade foundation]	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft			
Property lines	10 down to 5 ft [c]	18 down to 9 ft [c]	20 down to 10 ft [c]	10 down to 4 ft [c]	15 down to 7 ft [c]	20 down to 10 ft [c]	4		
Burial sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft			

OTHER: 1. Replacement system with no practical alternative due to property line and building constraints. Site is serviced by Public water supply.

Footnotes: [a.] Single-family well setbacks may be reduced as prescribed in Section 701.2.
 [b.] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the plumbing inspector's presence and shown to be watertight or of monolithic construction.
 [c.] Additional setbacks may be needed to prevent fill material extensions from encroaching onto abutting property.
 [d.] Additional setbacks may be required by local Shoreland zoning.
 [e.] Natural Resource Protection Act requires a 25 feet setback, on slopes of less than 20%, from the edge of soil disturbance and 100 feet on slopes greater than 20%. See Chapter 15.
 [f.] May not be any closer to neighbors well than the existing disposal field or septic tank unless written permission is granted by the neighbor. This setback may be reduced for single family houses with Department approval. See Section 702.3.
 [g.] The fill extension shall reach the existing ground before the 3:1 slope or within 100 feet of the disposal field.
 [h.] See Section 1402.10 for special procedures when these minimum setbacks cannot be achieved.

Michael Repley
 SITE EVALUATOR'S SIGNATURE

7/8/04
 DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and (does does not) give its approval. Any additional requirements, recommendations, or reasons for the Variance denial, are given in the attached letter.

[Signature]
 SIGNATURE OF THE DEPARTMENT

30/1/04
 DATE



NORTH SCARBOROUGH

WESTBROOK

MAINE

TURNPIKE

VIPIKE

JOHNSON RD

CONGRESS ST

STROUDWATER RIVER

PORTLAND INTERNATIONAL JETPORT

WESTBROOK

LOUK CREEK

FORBES

REVER

W. W. W.

CASH CORNER

PLEASANTDALE

COMMERCIAL

YORK ST

WATERMAN

STALEY ST

WILD ROSE

WOODCOCK

SAWYER

W. W. W.

W. W. W.

W. W. W.

Stoudwater River

Rosemont

Woodbridges

Portland

Capport

ATLANTIC OCEAN

ATLANTIC OCEAN

ATLANTIC OCEAN

St. Joseph's
Morrills Corner
Dering School
Walden School

Back Cove
East End
West End

East End
East End
East End

East End
East End
East End

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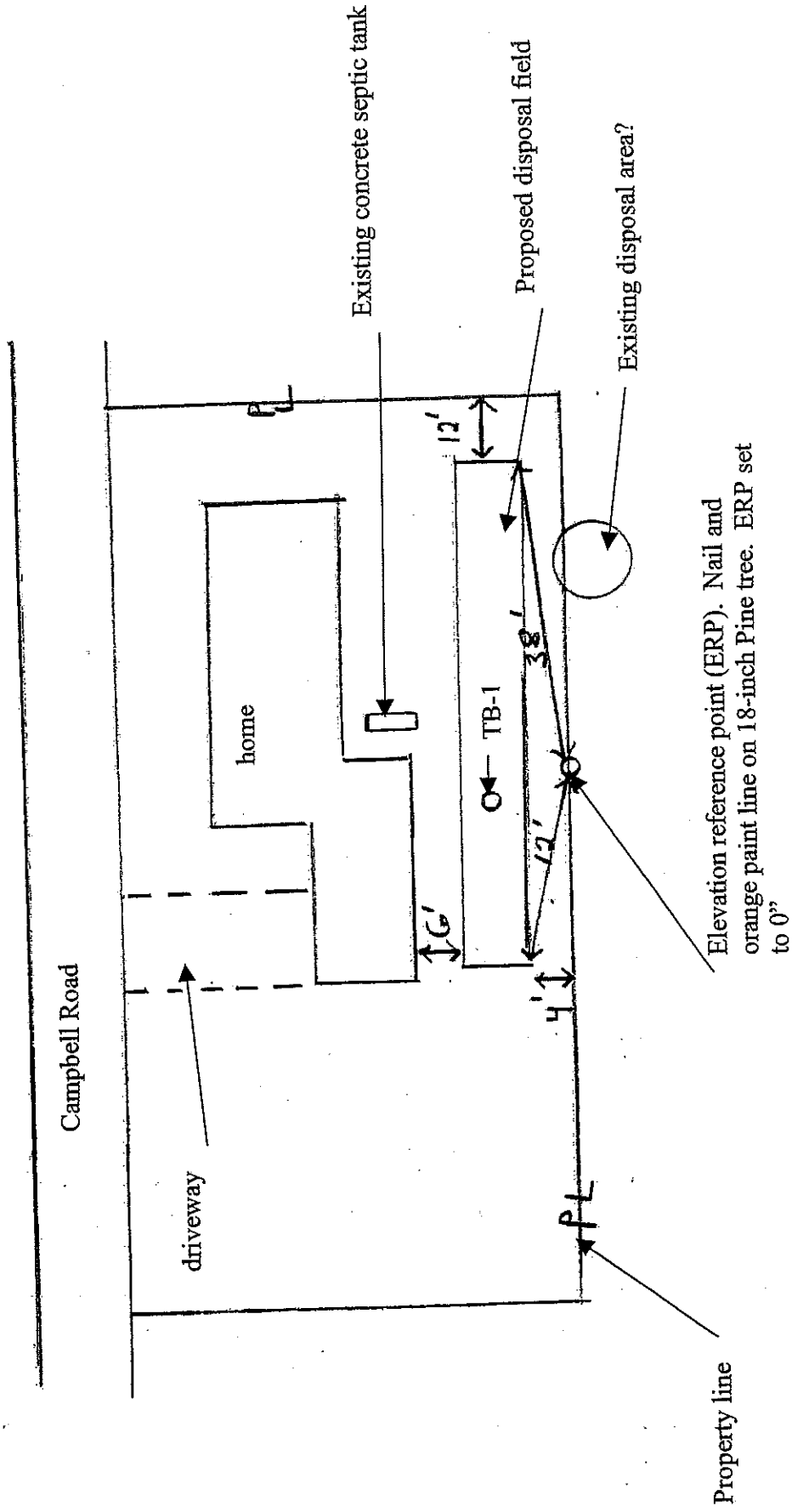
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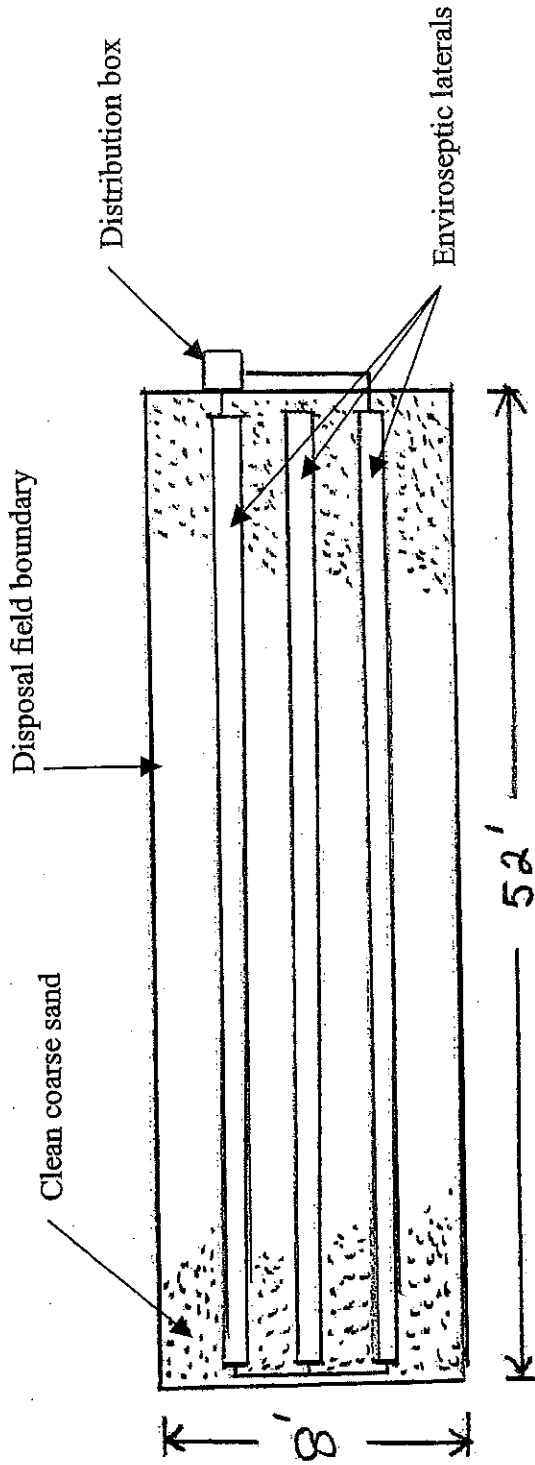
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SITE PLAN

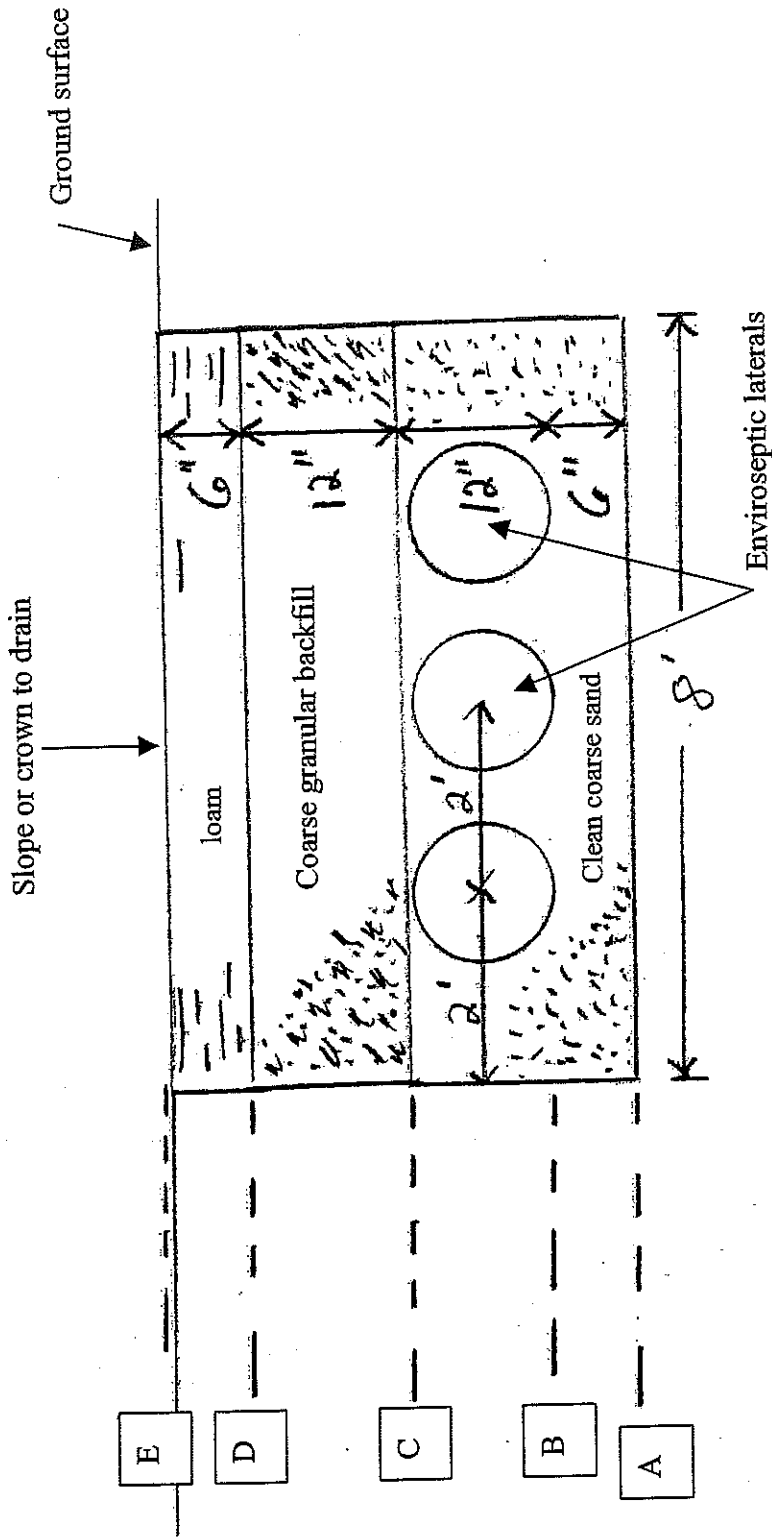


DISPOSAL FIELD LAYOUT



Disposal field is 52 X 8 feet in size and utilizes 3 rows of enviroseptic piping. Enviroseptic rows are separated by 2 feet (center to center) and 1 foot to endwall. Connect rows as shown. Connect to distribution box with 4-inch solid PVC. See construction notes and cross section for elevations and material specifications.

CROSS SECTION



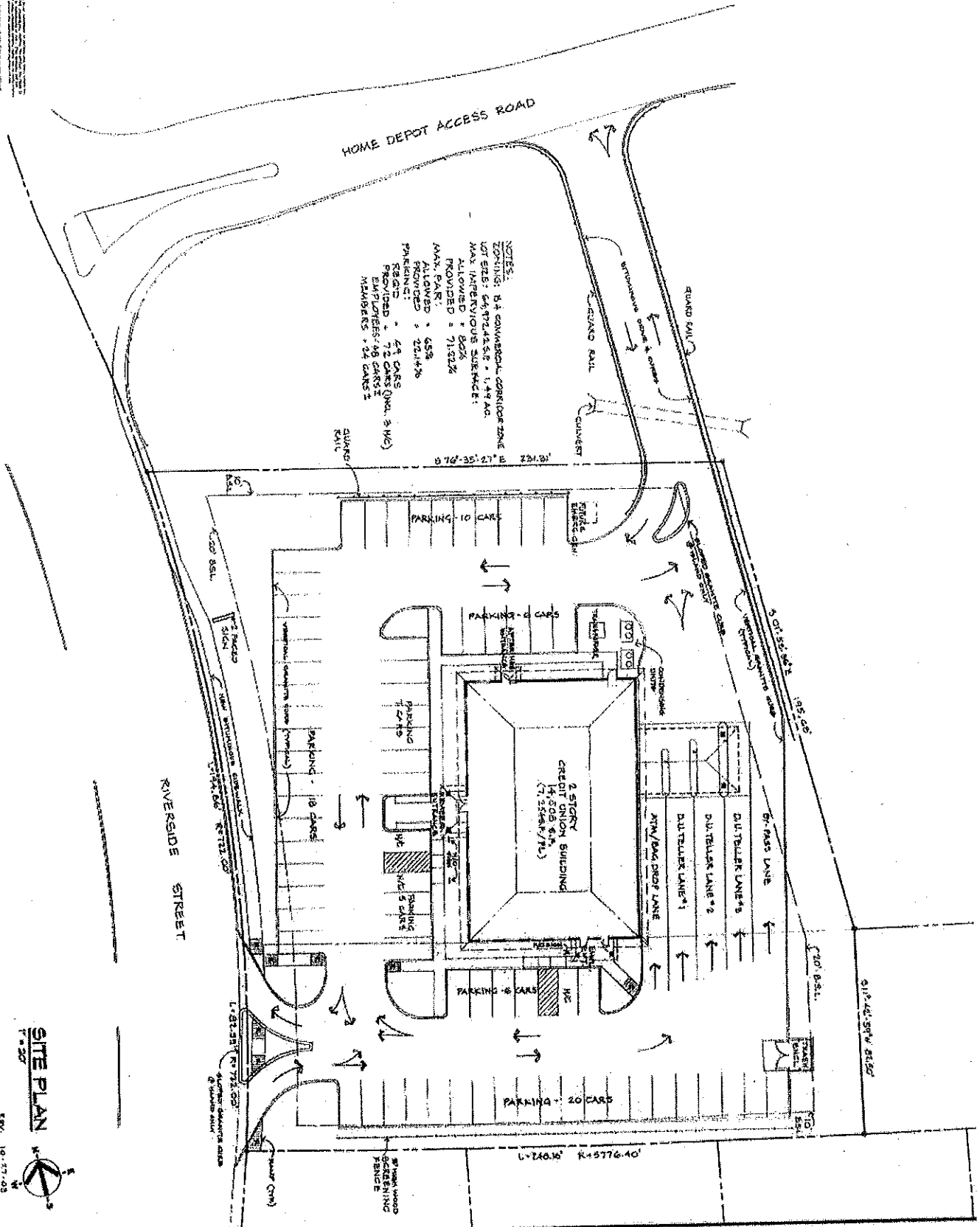
- A = Base of disposal bed (-85" ERP)
- B = Bottom of enviroseptic pipe (-79" ERP)
- C = Top of enviroseptic pipe (-67" ERP)
- D = Top of backfill (-55" ERP)
- E = Finish grade (-49" ERP)

CONSTRUCTION NOTES

- 1) The disposal field is 8' X 52' in size and utilizes Enviro-Septic Piping in three rows of 50'. The field corners are staked at the Site.
- 2) The elevation reference point (ERP) is a nail and orange paint line on a 18-inch diameter Pine tree adjacent to the field. The ERP is set at 0". Disposal field elevations are shown on the cross sections. Enviro-Septic laterals shall be maintained level and backfill thickness shall be maintained as shown on the drawings. The contractor shall verify all elevation measurements prior and during construction. A vent is optional for a gravity drained system, but is recommended for optimal disposal field performance.
- 3) The disposal bed shall consist of 12" diameter Enviro-Septic laterals in three rows of 50 feet. Laterals will be connected to the distribution box with 4-inch solid PVC pipe. A 2.0-foot spacing (center to center) shall be maintained between rows and disposal field side-walls and a 1.0 foot end to end-wall spacing. The Enviro-Septic laterals shall be placed on a 6-inch base of **clean coarse sand** (less than 5% silt or clay size particles). The sand shall be placed between laterals and between laterals and the sidewall. Sand shall extend over the top of the Enviro-Septic laterals.
- 4) Backfill used over the Enviro-Septic laterals, to achieve grade or for use in fill extension areas shall be a coarse granular backfill with no more than 5% silt and clay sized particles. No stones larger than 3" in diameter shall be present in the backfill. See drawings for backfill areas.
- 5) Vegetation and loam shall be removed from the disposal field and fill extension footprint prior to constructing the field. Compaction of the disposal field area shall be avoided. If compaction occurs due to equipment moving across the field, the bottom of the disposal bed shall be scarified to provide a non-compacted transition zone between the disposal bed base and underlying material.
- 6) A 6-inch layer of loam shall be placed over the backfill.
- 7) Final grades shall be such that surface water (precipitation) will drain away from the disposal area. Upon completion, the area shall be seeded and mulched.

**RECOMMENDATIONS FOR
WASTEWATER DISPOSAL SYSTEM (SEPTIC SYSTEMS)
USE AND MAINTENANCE**

- 1) Avoid disposing of harsh chemicals and disinfectants into the septic system. Septic systems require a healthy bacteria population to treat wastewater. Chemicals and disinfectants can kill bacteria within the system and over time, result in poor system performance.
- 2) Bacteria in a leach field perform best in aerobic environments. Make sure plumbing fixtures are in good condition and not leaking. Leaky faucets, toilets, shower heads, etc. can flood a system and result in a reduction or loss of aerobic conditions and adversely affect bacteria populations. [A pint of water a minute over the course of a day is equivalent to the design flow for a 2 bedroom home.]
- 3) Have your septic tank pumped every 3-5 years to remove sludge that builds up in the tank. Sludge build-up is a normal part of septic tank performance. However, if a tank is not cleaned periodically, excess sludge will eventually build-up and could migrate to the leach field, or new wastewater will not have sufficient volume in the tank to allow solids to settle.
- 4) If a large volume of laundry is done on a regular basis, consider installing a separate laundry disposal system to manage the laundry waste water. Laundry loads generate a high volume of water. In addition, bleach and additives can be detrimental to bacteria. Similarly, consider a separate laundry system if large volumes of water conditioner backwash is cycled into the septic system.
- 5) Garbage disposals grind food into small particles that are sometimes difficult to "settle out" in a septic tank. Solids that remain suspended may migrate to the leach field. If a garbage disposal is used, an over-sized septic tank or septic tank filter is required.
- 6) A properly designed, used and maintained septic system does not require any additives to stimulate bacteria or remove sludge. A properly functioning system is maintained in a natural equilibrium. Use of additives may create conditions that result in large changes in this "equilibrium". If you suspect or observe evidence of system failure, have your system inspected prior to using any additives.



NOTES:
 ZONING: B-4 COMMERCIAL CORRIDOR ZONE
 LOT SIZE: 64,712.4 S.F. = 1.49 AC.
 MAX. IMPERVIOUS SURFACE:
 ALLOWED = 80%
 PROVIDED = 71.92%
 MAX. PAVT:
 ALLOWED = 65%
 PROVIDED = 22.4%
 PAVING:
 REQUIRED = 48 CARS (MUL. 3 MC)
 PROVIDED = 72 CARS (MUL. 3 MC)
 EMPLOYEES: 48 CARS ±
 MEMBERS: 24 CARS ±

SITE PLAN
 11.20

REV. 10-27-03
 RA & REV. 10-27-03



SHEET NO. BYWJA
 1
 AUG. 27, 2003

Frederick S. Scott, Architect
 Ronald L. Hollander, Architect

Construction By
BBK Financial Facilities
 A Division of BBK Corporation, 2000 Olive Street, St. Louis, Missouri 63103, Phone (314) 961-6550



A New Facility for
EVERGREEN CREDIT UNION
 Portland, Maine



STATE OF MAINE
 DEPARTMENT OF HUMAN SERVICES
 BUREAU OF HEALTH, DIVISION OF HEALTH ENGINEERING
 161 CAPITOL STREET
 11 STATE HOUSE STATION
 AUGUSTA, MAINE

JOHN ELIAS BALDACCI
 GOVERNOR

JOHN R. NICHOLAS
 COMMISSIONER

04333-0011

July 30, 2004

Emily Nichols
 11 Campbell Road
 Portland, ME 04103

SUBJECT: Approval, Replacement System Variance Request, Nichols property, Portland

Dear Ms. Nichols:

The Division has reviewed a replacement system variance request for the subject property. The state variance requested is to install the system with a setback distance reduction from a slab or a frost wall to the disposal field of six feet and a setback distance reduction from a property line to the disposal field of four feet. As we understand the situation, the variance request has been submitted because topography and existing development limit the potential system location. The system design prepared by Michael Deyling, SE, dated 07/08/2004 is otherwise found to be in compliance with the Maine Subsurface Wastewater Disposal Rules.

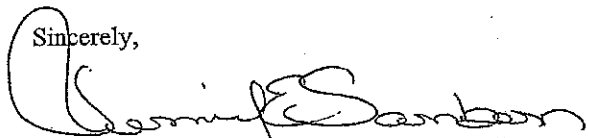
We approve the requested variance with the following requirements:

1. A permit for system installation is to be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The system is to be installed in accordance with the submitted and approved system design. Should alterations to the design be required at the time of construction, the site evaluator is to be notified prior to making any changes.
3. The contractor is to scarify the soils under the fill extensions to create a transitional zone more compatible with the disposal field area.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system.

Should you or others have any questions, please feel free to contact me at 287-5687.

Sincerely,

 Jennifer E. Sanborn, Environmental Specialist II
 Wastewater and Plumbing Control Program
 Division of Health Engineering
 e-mail: Jennifer.E.Sanborn@maine.gov

/jes

xc: File
 Michael Nugent, LPI
 Michael Deyling, SE
 Evergreen Credit Union



July 29, 2004

Maine Department of Human Services
Attn: Jennifer Sanborn
Division of Health Engineering, Station 10
Augusta, ME 04333

Re: Setback Variance for 11 Campbell Road

Dear Ms. Sanborn,

In the process of excavating for Evergreen Credit Union's new main office at 225 Riverside Street, we found the 11 Campbell Road's wastewater disposal system to be largely on our property. Evergreen has agreed to partner with the homeowner, Emily Nichols, to move and replace the existing system.

The attached proposed design places the system within four feet of our property line and therefore we respectfully request a variance to the setback requirement.

Should you need additional information, please do not hesitate to contact me. Also, could you please fax your response since time is of the essence for this project.

Sincerely,

Tucker Cole
President
854-5822, ext. 327
854-4771, fax
tcole@evergreencreditunion.org

Westbrook Office / Corporate Office
35 Cumberland Street
Westbrook, Maine 04092
(207) 854-5822
(800) 628-1115

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