

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: LPI APPROVAL REQUIRED <<

City, Town, or Plantation	MOUNT DESERT	Town/City _____	Permit # _____
Street or Road	4 HIGHLANDS LANE	Date Permit Issued ____/____/____	Fee: \$ _____ Double Fee Charged <input type="checkbox"/>
Subdivision, Lot #		Local Plumbing Inspector Signature _____ L.P.I. # _____	

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	PIERCE FAMILY LLC	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. This 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	970 PARK AVE APT 2N NEW YORK, NY 10028		
Daytime Tel. #	917-405-5438		

<p>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.</p> <p>Signature of Owner or Applicant _____ Date _____</p>	<p>CAUTION: INSPECTION REQUIRED I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.</p> <p>Local Plumbing Inspector Signature _____ (1st) date approved _____ _____ (2nd) date approved _____</p>
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PERMIT INFORMATION

<p>TYPE OF APPLICATION</p> <p><input type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type replaced: <u>N/A</u> Year installed: <u>1985</u></p> <p><input checked="" type="checkbox"/> 3. Expanded System <input checked="" type="checkbox"/> a. <25% Expansion <input type="checkbox"/> b. >= 25% Expansion</p> <p><input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion</p>	<p>THIS APPLICATION REQUIRES</p> <p><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</p> <p><input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector</p> <p><input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit</p>	<p>DISPOSAL SYSTEM COMPONENTS</p> <p><input type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input checked="" type="checkbox"/> 4. Non-engineered Treatment Tank (only) <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</p>
<p>SIZE OF PROPERTY</p> <p>6+/- <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES</p>	<p>DISPOSAL SYSTEM TO SERVE</p> <p><input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: <u>2 BR Guesthouse</u> (specify) Current Use <input type="checkbox"/> Seasonal <input checked="" type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped</p>	<p>TYPE OF WATER SUPPLY</p> <p><input checked="" 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 Existing</p>

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<p>TREATMENT TANK</p> <p><input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular OR <input checked="" type="checkbox"/> b. Low Profile</p> <p><input type="checkbox"/> 2. Plastic 2- 1000 Gallon <input type="checkbox"/> 3. Other: _____ CAPACITY: <u>2000 Total</u> GAL</p>	<p>DISPOSAL FIELD TYPE & SIZE</p> <p><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 type="checkbox"/> 4. Other: _____ SIZE: <u>N/A</u> <input type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.</p>	<p>GARBAGE DISPOSAL UNIT</p> <p><input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input 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</p>	<p>DESIGN FLOW</p> <p><u>450</u> gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS — for other facilities — 270 GPD + 180 GPD = 450 GPD</p> <p><input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA</p>
<p>SOIL DATA</p> <p>PROFILE CONDITION See Permit #225 by SE#78 at Observation Hole # dated 1985 Depth _____" of Most Limiting Soil Factor</p>	<p>DISPOSAL FIELD SIZING N/A</p> <p><input type="checkbox"/> 1. Medium---2.6 sq. ft. / gpd <input type="checkbox"/> 2. Medium---Large 3.3 sq. f.t / gpd <input type="checkbox"/> 3. Large---4.1 sq. ft. / gpd <input type="checkbox"/> 4. Extra Large---5.0 sq. ft. / gpd</p>	<p>EFFLUENT/EJECTOR PUMP</p> <p><input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons</p>	<p>LATITUDE AND LONGITUDE at center of disposal area Lat. <u>44</u> d <u>17</u> m <u>41</u> s Lon. <u>68</u> d <u>16</u> m <u>34</u> s if g.p.s. state margin of error: <u>20</u></p>

SITE EVALUATOR STATEMENT

I certify that on 8/13/2025 (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	<u>375</u> SE #	<u>10/7/25</u> Date
<u>Timothy J. Hodgins</u> Site Evaluator Name Printed	<u>207-356-2801</u> Telephone Number	<u>thodgins@wrcmaine.com</u> Email Address

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Division of Health Engineering, Station 10
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Town, City, Plantation MOUNT DESERT	Street, Road, Subdivision 4 HIGHLANDS LANE	Owner or Applicant Name PIERCE FAMILY LLC
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SITE PLAN Scale 1" = _____ ft.	SITE LOCATION PLAN
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="flex: 1;"> <p align="center">SEE ATTACHED</p> </div> <div style="text-align: right;"> <p>N</p> </div> </div>	

SEE ATTACHED

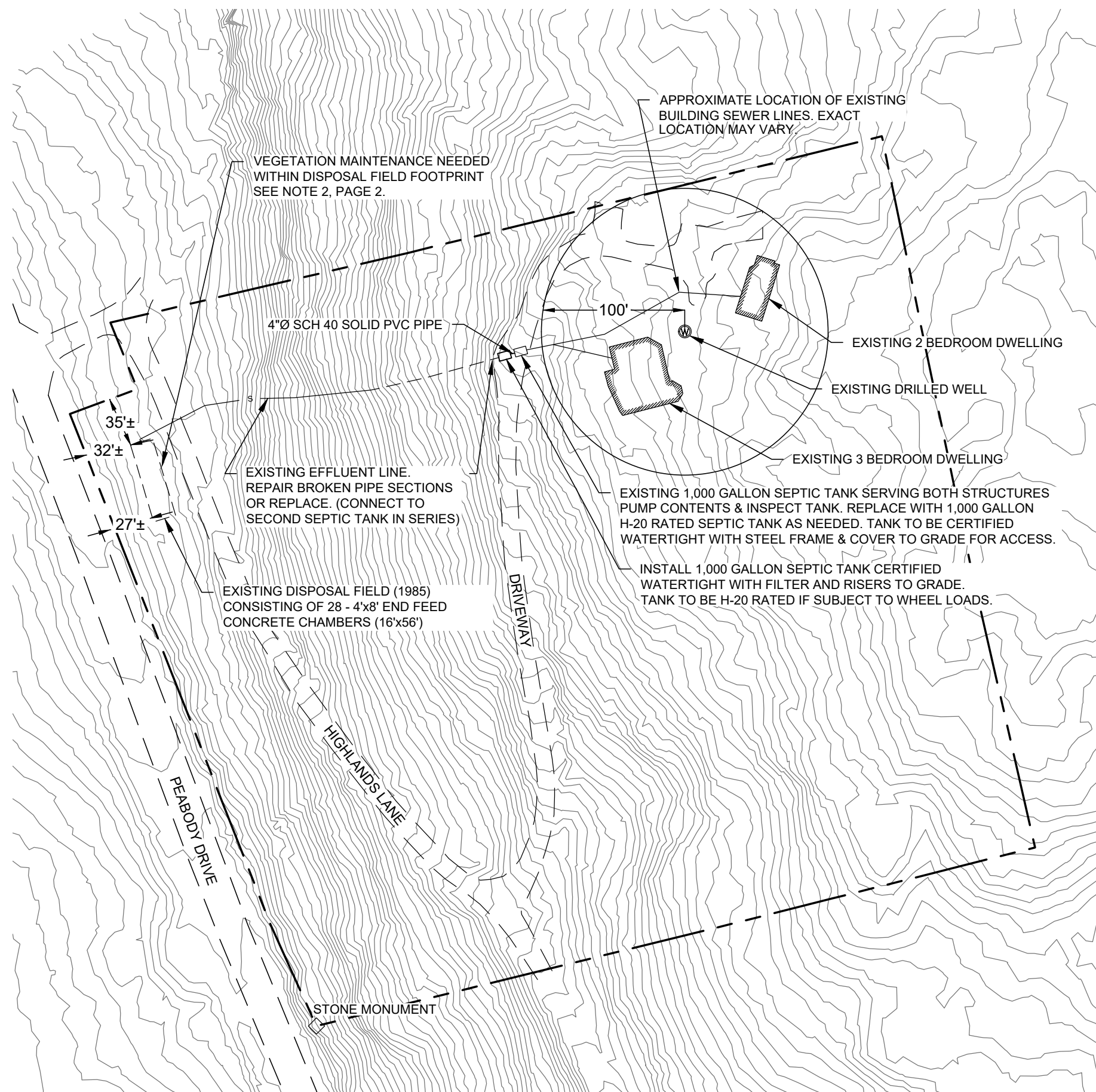
NOTES:

1. The purpose of this HHE-200 is to bring the existing septic system located at 4 Highlands Lane in Mount Desert into compliance with the current Maine Subsurface Wastewater Disposal Rules. The existing wastewater system was designed for a 4 bedroom dwelling in 1985 at a total of 480 GPD (see HHE-200 permit #225). However, the existing disposal field is sized appropriately for 5 bedrooms (5 x 90 = 450 GPD) but requires additional septic tank capacity to serve the 3 bedroom and 2 bedroom dwelling on the property.
2. In addition to increased septic tank capacity, the aboveground effluent line is to be repaired or replaced as necessary. The existing disposal field is to have trees cut which are encroaching onto the footprint of the field; root masses to remain in place. Encroaching trees are located within 10-12 feet of the disposal field and have been marked with surveyors flagging.
3. This is not a survey. Property boundaries based on Maine Office of GIS - Maine Parcels Organized Towns data layer. All property lines, building locations and site features have been approximately located, unless otherwise shown.

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

<p>Observation Hole # _____ <input type="checkbox"/> Test Pit <input type="checkbox"/> Boring</p> <p>_____ " Depth of organic horizon above mineral soil</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Texture</th> <th style="width:15%;">Consistency</th> <th style="width:15%;">Color</th> <th style="width:15%;">Mottling</th> </tr> </thead> <tbody> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td><td></td></tr> <tr><td>18</td><td></td><td></td><td></td></tr> <tr><td>24</td><td></td><td></td><td></td></tr> <tr><td>30</td><td></td><td></td><td></td></tr> <tr><td>36</td><td></td><td></td><td></td></tr> <tr><td>42</td><td></td><td></td><td></td></tr> <tr><td>48</td><td></td><td></td><td></td></tr> </tbody> </table> <p align="center">SEE 1985 HHE200 PERMIT #225 BY SE#78</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Soil</td> <td style="width:15%;">Classification</td> <td style="width:10%;">Slope</td> <td style="width:10%;">Limiting Factor</td> <td style="width:10%;"><input type="checkbox"/> Groundwater</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td><input type="checkbox"/> Restrictive Layer</td> </tr> <tr> <td>Profile</td> <td>Condition</td> <td>Percent</td> <td>Depth</td> <td><input type="checkbox"/> Bedrock</td> </tr> </table>	Texture	Consistency	Color	Mottling	0				6				12				18				24				30				36				42				48				Soil	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater	_____	_____	_____	_____	<input type="checkbox"/> Restrictive Layer	Profile	Condition	Percent	Depth	<input type="checkbox"/> Bedrock	<p>Observation Hole # _____ <input type="checkbox"/> Test Pit <input type="checkbox"/> Boring</p> <p>_____ " Depth of organic horizon above mineral soil</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Texture</th> <th style="width:15%;">Consistency</th> <th style="width:15%;">Color</th> <th style="width:15%;">Mottling</th> </tr> </thead> <tbody> <tr><td>0</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> <tr><td>12</td><td></td><td></td><td></td></tr> <tr><td>18</td><td></td><td></td><td></td></tr> <tr><td>24</td><td></td><td></td><td></td></tr> <tr><td>30</td><td></td><td></td><td></td></tr> <tr><td>36</td><td></td><td></td><td></td></tr> <tr><td>42</td><td></td><td></td><td></td></tr> <tr><td>48</td><td></td><td></td><td></td></tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Soil</td> <td style="width:15%;">Classification</td> <td style="width:10%;">Slope</td> <td style="width:10%;">Limiting Factor</td> <td style="width:10%;"><input type="checkbox"/> Groundwater</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> <td><input type="checkbox"/> Restrictive Layer</td> </tr> <tr> <td>Profile</td> <td>Condition</td> <td>Percent</td> <td>Depth</td> <td><input type="checkbox"/> Bedrock</td> </tr> </table>	Texture	Consistency	Color	Mottling	0				6				12				18				24				30				36				42				48				Soil	Classification	Slope	Limiting Factor	<input type="checkbox"/> Groundwater	_____	_____	_____	_____	<input type="checkbox"/> Restrictive Layer	Profile	Condition	Percent	Depth	<input type="checkbox"/> Bedrock
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_____ Site Evaluator Signature	375 SE #	10/7/25 Date	Page 2 of 3 HHE-200 Rev. 02/11
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SITE LOCATION MAP
SCALE: 1" = 2,000'



NOTES:

1. FEATURES WERE LOCATED BY WATERSHED RESOURCE CONSULTANTS, LLC. USING A MAPPING GRADE GPS RECEIVER. THIS PLAN IS A COMPILATION OF THE GPS DATA, AND PUBLICLY AVAILABLE DATA (MEGIS).
2. PLAN REFERENCE: PLAN SHOWING PROPERTY FOR BARBARA PIERCE" GENERATED BY: EDWARD B. JACKSON. DATED: OCTOBER 2009. APPROXIMATE PROPERTY LINE GENERATED FROM PHOTO UNDERLAY AND OBSERVED FIELD DATA.
3. THIS PLAN IS FOR PLANNING AND PERMITTING PURPOSES ONLY, IT IS NOT A SURVEY.

LEGEND

----- - APPROXIMATE PROJECT PARCEL

Watershed Resource Consultants, LLC.

1366 State Hwy 102 PO Box 145
#6 Bar Harbor, ME 04609 Orrington, ME 04474
(207) 944-7288 (207) 385-6056
rstamand@wrcmaine.com lburman@wrcmaine.com



HHE-200 Site Plan

Pierce Family, LLC.
4 Highlands Lane
Mount Desert, Maine

Job No.: 25106

Scale: 1" = 80'

Date: 10/7/2025

Sheet: 2A

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SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = ____ ft

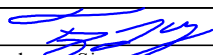
N/A

BACKFILL REQUIREMENTS Depth of Backfill (upslope) _____ Depth of Backfill (downslope) _____	CONSTRUCTION ELEVATIONS Finished Grade Elevation (at Row 1) _____ Top of Chamber (at Row 1) _____ Bottom of Chamber (at Row 1) _____ Bottom of Stone (at Row 1) _____	ELEVATION REFERENCE POINT Location & Description: _____ Reference Elevation: _____
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DISPOSAL FIELD CROSS SECTION

Scales:
 Vertical: 1" = ____
 Horizontal: 1" = ____

N/A


 Site Evaluator Signature

375
SE #

10/7/25
Date