

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION		PERMIT INFORMATION	
Town or Plantation	AUGUSTA	Date Permit Issued	AUGUSTA 4900 TOWN CODE
Street or Road	INGRAHAM MOUNTAIN RD.	Local Plumbing Inspector Signature	\$1200 FEE <input type="checkbox"/> Double Fee Charged
Subdivision Lot #		L.P.I. #	850
OWNER/APPLICANT INFORMATION		Caution: Inspection Required	
NAME (last, first, MI) HAFEY, PAT		Municipal Tax Map #	Lot #
MAILING ADDRESS of			
<input checked="" type="checkbox"/> OWNER <input type="checkbox"/> APPLICANT			
RRI BOX 6098 AUGUSTA, ME. 04330			
Daytime Tel. #	207-215-3974		
Owner Statement		Local Plumbing Inspector Signature	
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.	
Signature of Owner/Applicant: <u>Rebecca L Hafey</u> Date: <u>7/16/02</u>		Signature: <u>[Signature]</u> (1st) Date Approved: <u>8/30/02</u> (2nd) Date Approved: _____	

PERMIT INFORMATION		
TYPE OF APPLICATION: 1. <input checked="" type="checkbox"/> First Time System 2. <input type="checkbox"/> Replacement System Type Replaced _____ Year Installed _____ 3. <input type="checkbox"/> Expanded System <input type="checkbox"/> a. minor expansion <input type="checkbox"/> b. major expansion 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES: 1. <input checked="" type="checkbox"/> No Rule Variance 2. <input type="checkbox"/> First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector approval <input type="checkbox"/> b. State & Local Plumbing Inspector approval 3. <input type="checkbox"/> Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector approval <input type="checkbox"/> b. State & Local Plumbing Inspector approval 4. <input type="checkbox"/> Minimum Lot Size Variance 5. <input type="checkbox"/> Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENT(S) 1. <input checked="" type="checkbox"/> Non-Engineered System 2. <input type="checkbox"/> Primitive System (graywater & alt toilet) 3. <input type="checkbox"/> Alternative Toilet, specify: _____ 4. <input type="checkbox"/> Non-Engineered Treatment Tank (only) 5. <input type="checkbox"/> Holding Tank _____ Gallons 6. <input type="checkbox"/> Non-Engineered Disposal Area (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Engineered System (>2000 gpd) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Area (only) 11. <input type="checkbox"/> Pretreatment, specify: _____ 12. <input type="checkbox"/> Miscellaneous components
SIZE OF PROPERTY 4.7+/- ACRES <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 <u>3</u> 2. <input type="checkbox"/> Multiple Family Dwelling: Number of Units _____ 3. <input type="checkbox"/> Other _____ Specify _____	TYPE OF WATER SUPPLY 1. <input checked="" type="checkbox"/> Drilled Well 2. <input type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input type="checkbox"/> Public 5. <input type="checkbox"/> Other
SHORELAND ZONING <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK 1. <input checked="" type="checkbox"/> Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile 2. <input type="checkbox"/> Plastic 3. <input type="checkbox"/> Other _____ CAPACITY <u>1000</u> Gallons	DISPOSAL FIELD TYPE & SIZE 1. <input checked="" type="checkbox"/> Stone Bed 2. <input type="checkbox"/> Stone Trench 3. <input type="checkbox"/> 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 4. <input type="checkbox"/> Other _____ Size <u>900</u> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT 1. <input checked="" type="checkbox"/> NO 3. <input type="checkbox"/> Maybe 2. <input type="checkbox"/> Yes >> Specify one below <input type="checkbox"/> a. Multi-compartment tank <input type="checkbox"/> b. Tank in series <input type="checkbox"/> c. Increase in tank capacity <input type="checkbox"/> d. Filter on tank outlet	DESIGN FLOW <u>270</u> Gallons per day Based On: 1. <input checked="" type="checkbox"/> Table 901.1 (dwelling unit(s)) 2. <input type="checkbox"/> Table 901.2 (other facilities) Show Calculations -- for other facilities -- 3. <input type="checkbox"/> Section 903.D (meter readings) ATTACH WATER-METER DATA
SOIL DATA & DESIGN CLASS PROFILE <u>3 / C / 1</u> CONDITION _____ DESIGN _____ at Observation Hole # _____ Depth <u>16</u> • Elevation <u>N/R</u> OF MOST LIMITING SOIL FACTOR	DISPOSAL AREA SIZING 1. <input type="checkbox"/> Small - 2.00 sq. ft. /gpd 2. <input type="checkbox"/> Medium - 2.60 sq. ft. /gpd 3. <input checked="" type="checkbox"/> Medium-Large - 3.30 sq. ft. /gpd 4. <input type="checkbox"/> Large - 4.10 sq. ft. /gpd 5. <input type="checkbox"/> Extra-Large - 5.00 sq. ft. /gpd	PUMPING 1. <input checked="" type="checkbox"/> Not required 2. <input type="checkbox"/> May Be Required 3. <input type="checkbox"/> Required >> Specify Only for Engineered or Experimental Systems DOSE _____ Gallons	

SITE EVALUATOR'S STATEMENT		
I CERTIFY that on <u>6/19/02</u> (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 State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241)		
Signature: <u>Paul A. Beers</u> Site Evaluator Signature	# <u>56</u> SE #	Date: <u>6/20/02</u>
Site Evaluator Name Printed: <u>PAUL A. BEERS</u>	Telephone: <u>207-582-7400</u>	

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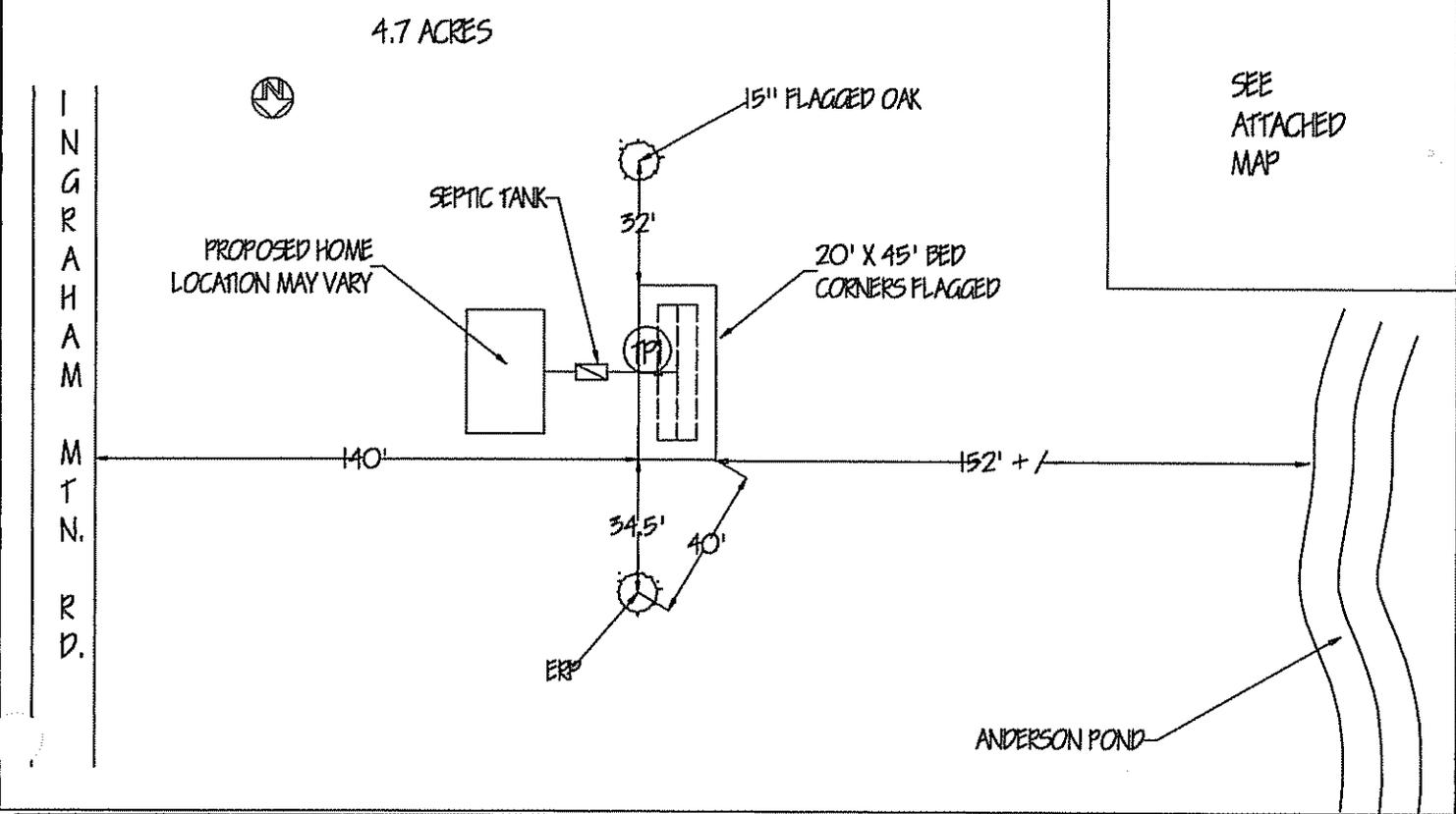
Town, City, Plantation
ALLUSTA

Street, Road, Subdivision
INGRAHAM MOUNTAIN RD.

Owner's or Applicant Name
PAT HAFEY

SITE PLAN Scale 1" = 50' Ft.
or as shown

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



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		FRIABLE	DK BRN.	
10	FINE SANDY LOAM	FIRM	OLIVE BRN.	FEW FAINT @ 16"
20			OLIVE GRAY	
30				
40				
50				

Soil Classification	Slope	Limiting Factor	<input checked="" type="checkbox"/> Ground Water
3 C	5 %	16"	<input type="checkbox"/> Restrictive Layer
Profile Condition Percent	Depth		<input type="checkbox"/> Bedrock

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
Profile Condition Percent	Depth		<input type="checkbox"/> Bedrock

Paul A. Beers
PAUL A. BEERS
Site Evaluator Signature

56
SE#

6/20/02
Date

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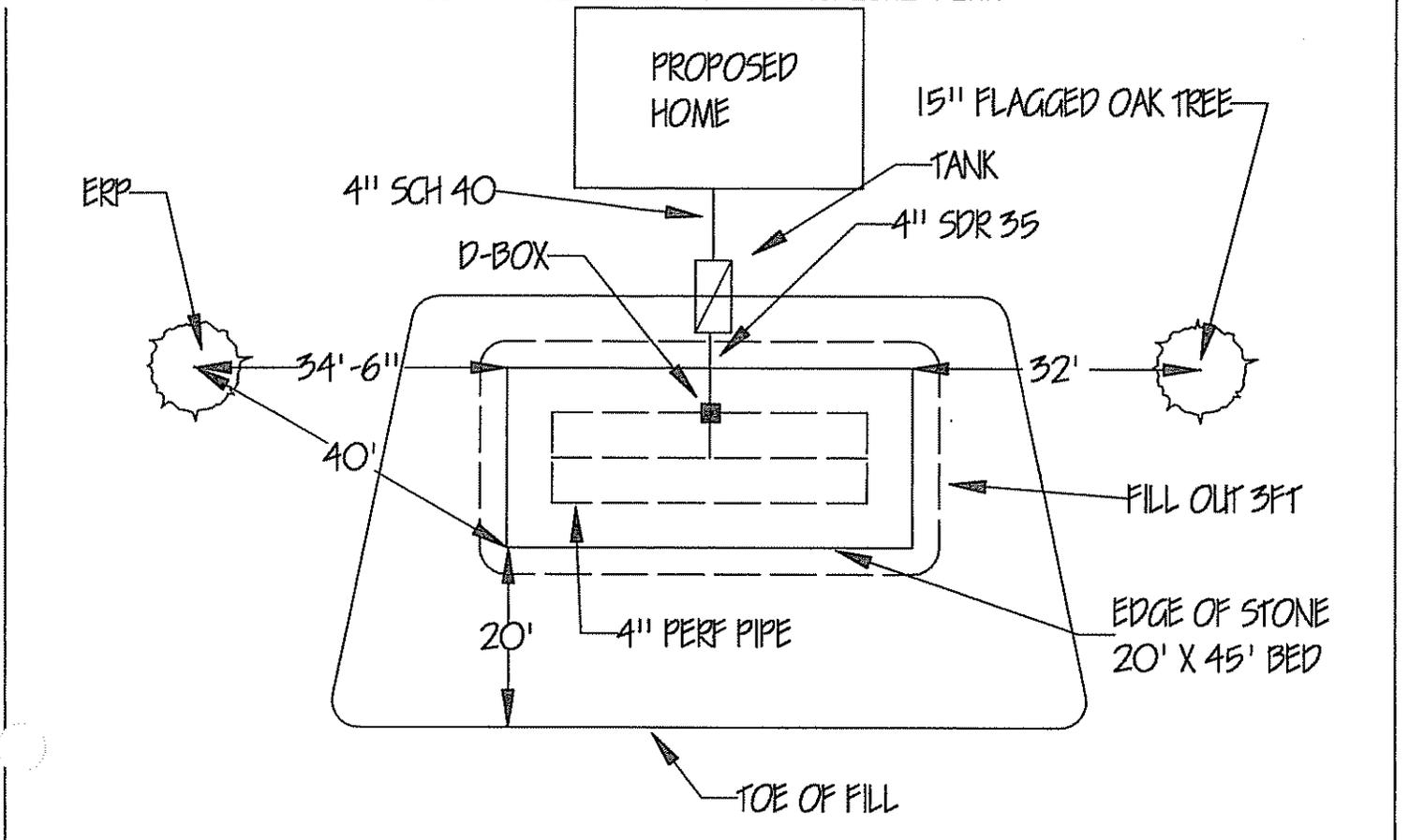
Town, City, Plantation
AUGUSTA

Street, Road, Subdivision
INGRAHAM MOUNTAIN RD.

Owner or Applicant Name
PAT HAFEY

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1' = 20 FT

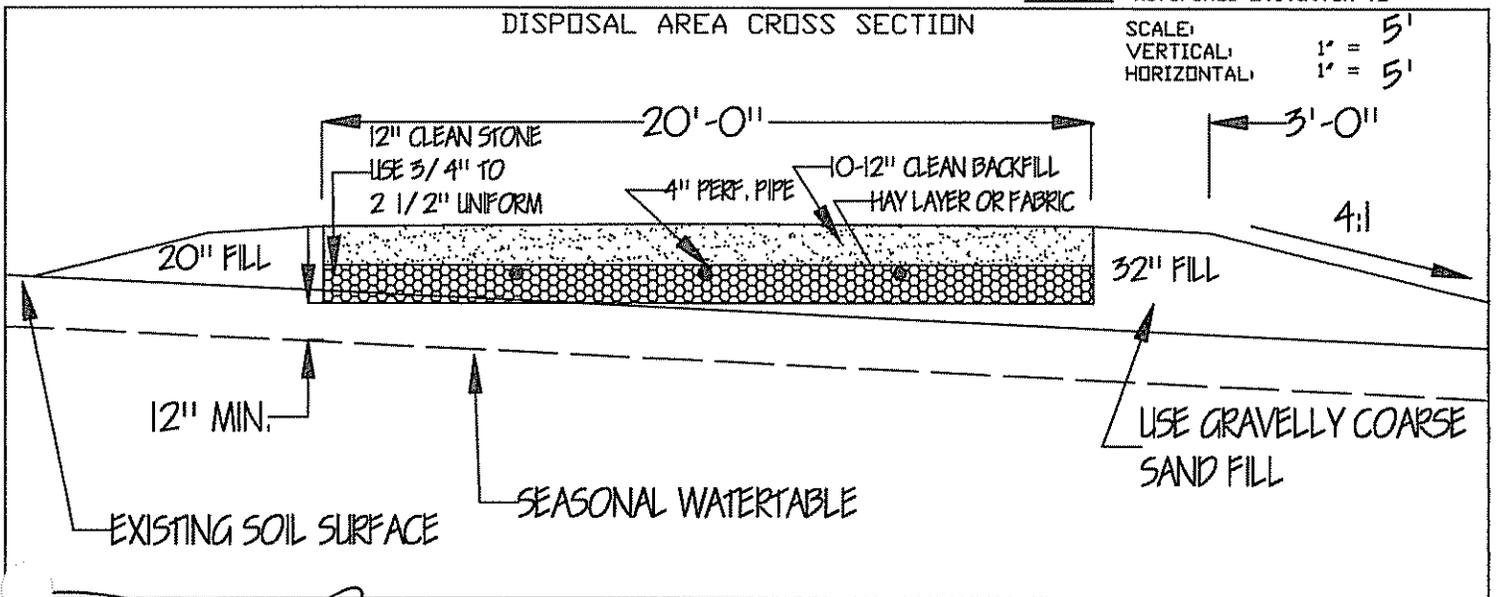


FILL REQUIREMENTS	
Depth of Fill (Upslope)	<u>20"</u>
Depth of Fill (Downslope)	<u>32"</u>
DEPTHS AT CROSS-SECTION (SHOWN BELOW)	

CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT Location & Description
Finished Grade Elevation	<u>-36" +</u>	
Top of Distribution Pipe or Proprietary Device	<u>-49"</u>	40" UP FROM BASE
Bottom of Disposal Area	<u>-60"</u>	Reference Elevation is: 0.0"

DISPOSAL AREA CROSS SECTION

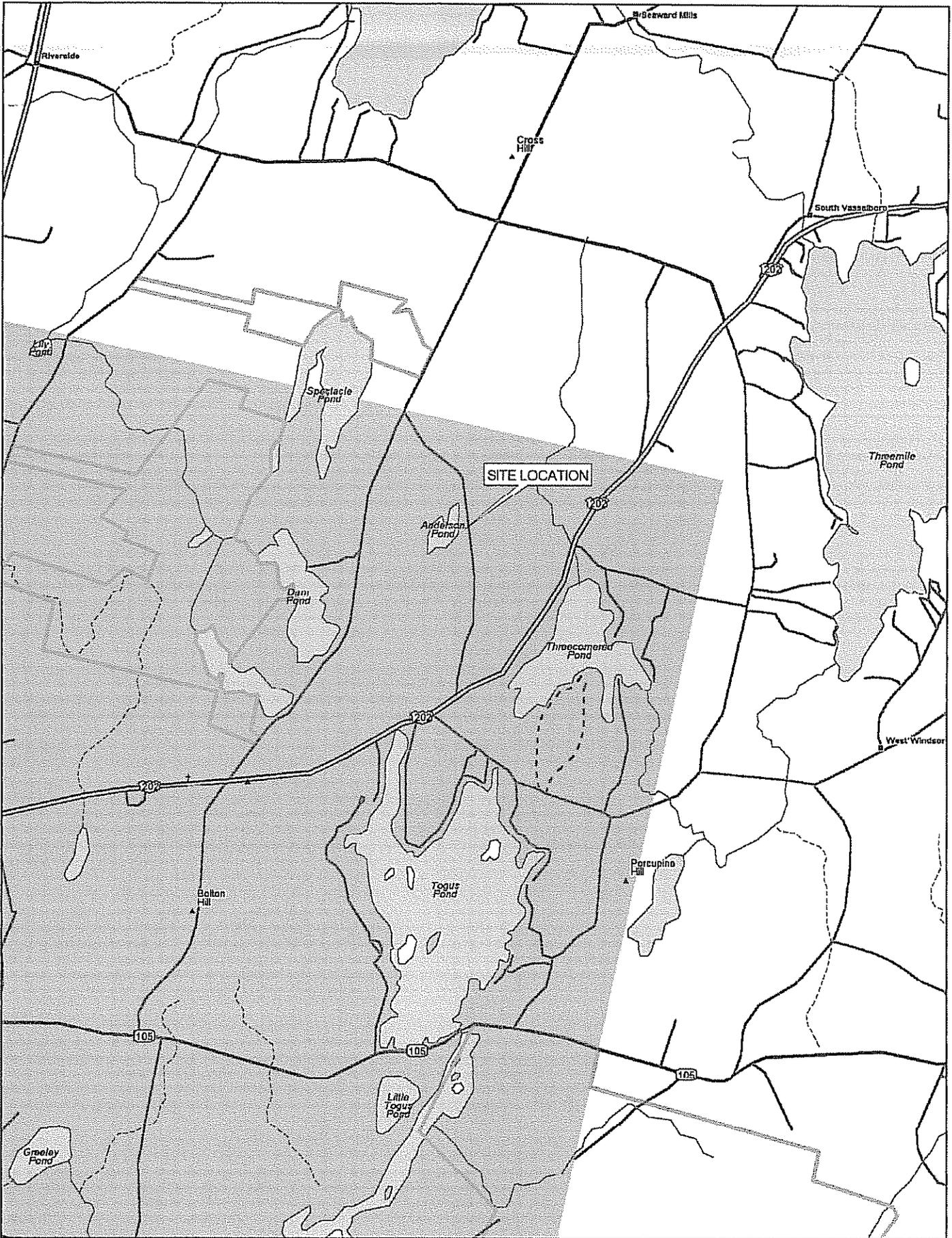
SCALE:
 VERTICAL: 1" = 5'
 HORIZONTAL: 1" = 5'



Jane C. Peers
 Site Evaluator Signature

56
 SE #

6/20/02
 Date



DELORME

© 2001 DeLorme, Street Atlas USA® Deluxe; © 2001 GDT, Inc., Rel. 01/2001
 Zoom Level: 12-0 Datum: WGS84

Scale 1 : 50,000
 1" = 4170 ft



TN
 NEN
 17.3°W

TOWN COPY

ATTACHMENT FOR HHE-200 FORM

Date : June 20, 2002

Owner / Applicant : PAT HAFEY

Town : AUGUSTA

1. All construction shall conform with Title 22 MRSA, §42, 144A CMR "Maine-Subsurface Waste Water Disposal Rules," and all other pertinent sections. The OWNER/APPLICANT is responsible for the contractor installing the proposed septic system correctly and for obtaining all necessary permits. The OWNER/APPLICANT shall carefully examine all documents submitted by the Site Evaluator and shall promptly notify him upon becoming aware of any defects
2. This disposal system form shall not be transferable and becomes invalid if the authorized work has not commenced within two years after the issue date of the disposal system.
3. The OWNER/APPLICANT shall accurately describe the intended uses (present and future) for the system to the Site Evaluator. Any change from the intended use described on this form requires a new design. Applicability of design must be re-evaluated when location of structures are substantially different than those shown on the site plan or when other structures, additions, or appurtenances (i.e. swimming pools, garbage disposals) are considered. Property lines shown are as provided by the owner, or his agent and no guarantee of accuracy is implied. Actual property lines must be confirmed by boundary survey.

INSTALLATION REQUIREMENTS

1. SETBACKS (under 1000 gpd) - Keep tank and disposal field 100 feet from wells, 50 feet from minor water courses, 100 feet from major water courses, and 10 feet from property lines, unless noted elsewhere on the forms. Septic tanks shall be a minimum of 8 feet from buildings and leach fields shall be 20 feet from buildings with basements and 15 feet from buildings with no full basement.
2. DRAINAGE - water runoff and drainage from basements, footings, or roofs shall not drain into the septic system and shall be diverted away from the disposal field.
3. DISCHARGE - water softeners, hot tubs etc. shall not discharge into the disposal system but may be discharged into a separate disposal field. No paint, paint thinner, commercial grease and oil, darkroom chemicals, etc. shall be disposed of in the disposal field.
4. CONDITIONS - excavations shall not be carried out when the soil moisture content is above the plastic limit. Disposal fields should not be installed in frozen ground or when the ambient air temperature is below freezing.
5. SITE PREPARATION - prior to placing backfill material, the vegetation shall be cut and removed. In areas adjacent to water bodies or wetland, erosion and sediment control measures shall be employed. The area under the disposal field and backfill extensions shall be plowed or disked to produce a thoroughly roughened surface to a depth of 6 to 8 inches. Surface water shall be diverted away from the disposal field.
6. EXCAVATION - the bottom of the each disposal field shall be installed at the elevation specified on this form. Avoid compaction of both sidewalls and bottom area. Make sure heavy equipment is not driven over the exposed bottom of the disposal field. If any portion of the bottom or sidewalls becomes smeared or compacted, that portion must be scarified to re-open soil pores.
7. BACKFILLING - At least 4 inches of cover material, suitable for establishment of a good vegetative cover shall be placed over the entire filled area including the fill material extensions. Backfill material shall be a minimum of 8 inches in thickness and consist of a gravelly coarse sand. Final grading shall be completed so that surface water will not collect over the disposal field. Immediately after completion of final grading, the fill material surface shall be stabilized by mulching and seeding to establish a good vegetative cover to prevent erosion. Grass, clover, trefoil, vetch, perennial wild flowers, or other herbaceous perennials may be utilized for disposal field surfaces. Woody shrubs or trees are unacceptable on disposal field surfaces.
8. SEPTIC TANK - The septic tank must be installed level and all joints, inspection covers, etc. must be water tight (the same is necessary for a pump tank if the system requires one). The outlet invert elevation should be equal to or higher than the finish grade of the septic field to avoid flooding of the tank and solids entering the field. Install a Zabel Industries, Inc. filter or equivalent on the outlet end of the septic tank when possible. Provide low profile septic tank when determined as necessary in the field. Septic tanks should be pumped out and checked every three years or more often to prolong the life of the waste water system.
9. FREEZING - Protect tanks, force mains, pump stations, D-boxes, etc. from freezing by either adequate ground cover or insulating.
10. The LPI shall inform the owner and designer of any local ordinance exceeding the Rules (Chapter 241) prior to issuing a permit, so that the application may be properly amended to conform to such ordinances if necessary.