PIF 10/31/11

FORMS

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	Augusta
Street or Road	524 Eastern Avenue
Subdivision, Lot #	N/A

AUGUSTA PERMIT # 6621 TOWN COPY

Date Permit Issued: 10/31/11 $250.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Perry, Doug ☐ Owner ☒ Applicant

Mailing Address of Owner/Applicant: 524 Eastern Avenue, Augusta, ME 04330

Daytime Tel. #: 207-622-2297

Municipal Tax Map # 11 Lot # 25

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.

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 11/8/11 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

☐ 1. First Time System
☒ 2. Replacement System
Type replaced: Trench
Year installed: Early 1970s
☐ 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 Treatment Tank (only)
☐ 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

0.7 ± ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING

☐ Yes ☒ No

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 2nd tank needed
☒ a. Regular
☐ b. Low Profile
☐ 2. Plastic
☐ 3. Other: _____
CAPACITY: 1,000 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: 1,620 ☒ 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 facilites ---
☐ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS

PROFILE CONDITION DESIGN
2 / AIII / 1
at Observation Hole # 1
Depth 30 "
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

See Page 2 for Latitude and Longitude

SITE EVALUATOR STATEMENT

I certify that on 8/19/09 (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).

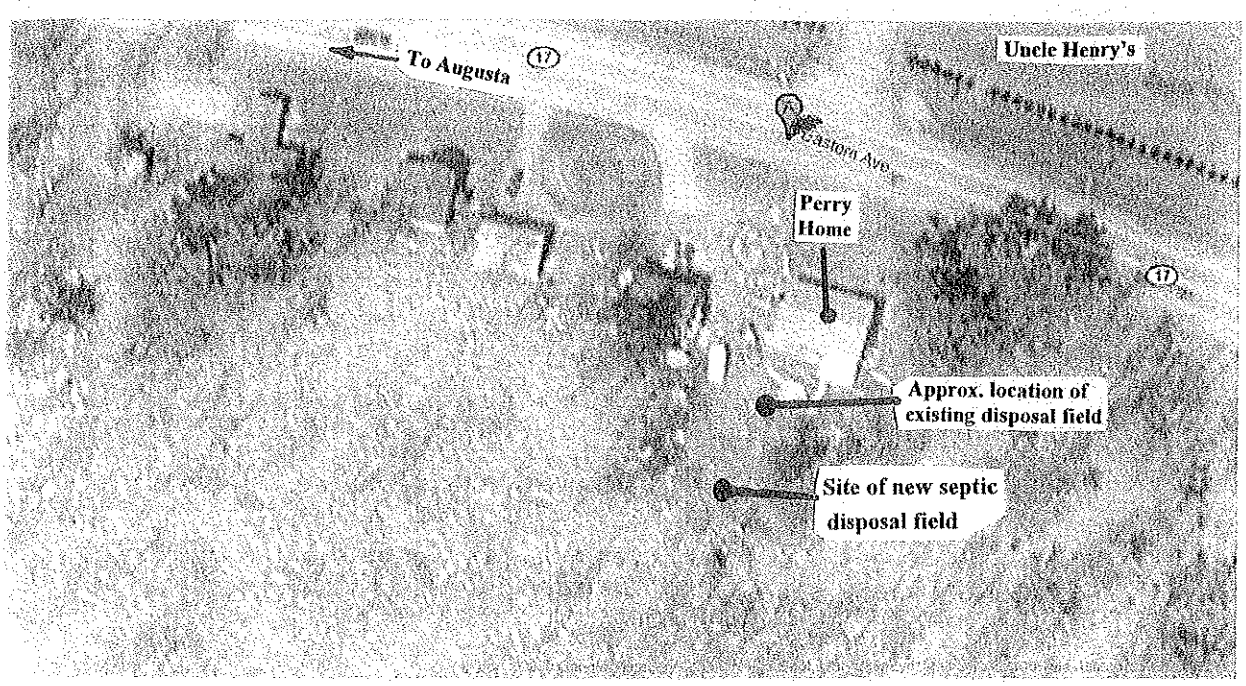
Site Evaluator Signature: Kenneth G. Stratton SE #: 157 Date: 8/20/09

Site Evaluator Name Printed: Kenneth G. Stratton Telephone Number: 207-446-5239 E-mail Address: fernfancier@hotmail.com

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.

HHE-200 Rev. 8/01

Site Location Plan: Augusta 524 Eastern Avenue (ME-17) Doug Perry



LATITUDE AND LONGITUDE

At center of disposal area

Lat. 44 d 17 m 48.7 s N
Lon. 69 d 43 m 33.5 s W

(Latitude and longitude determined by Google Earth)

157 8/20/09

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

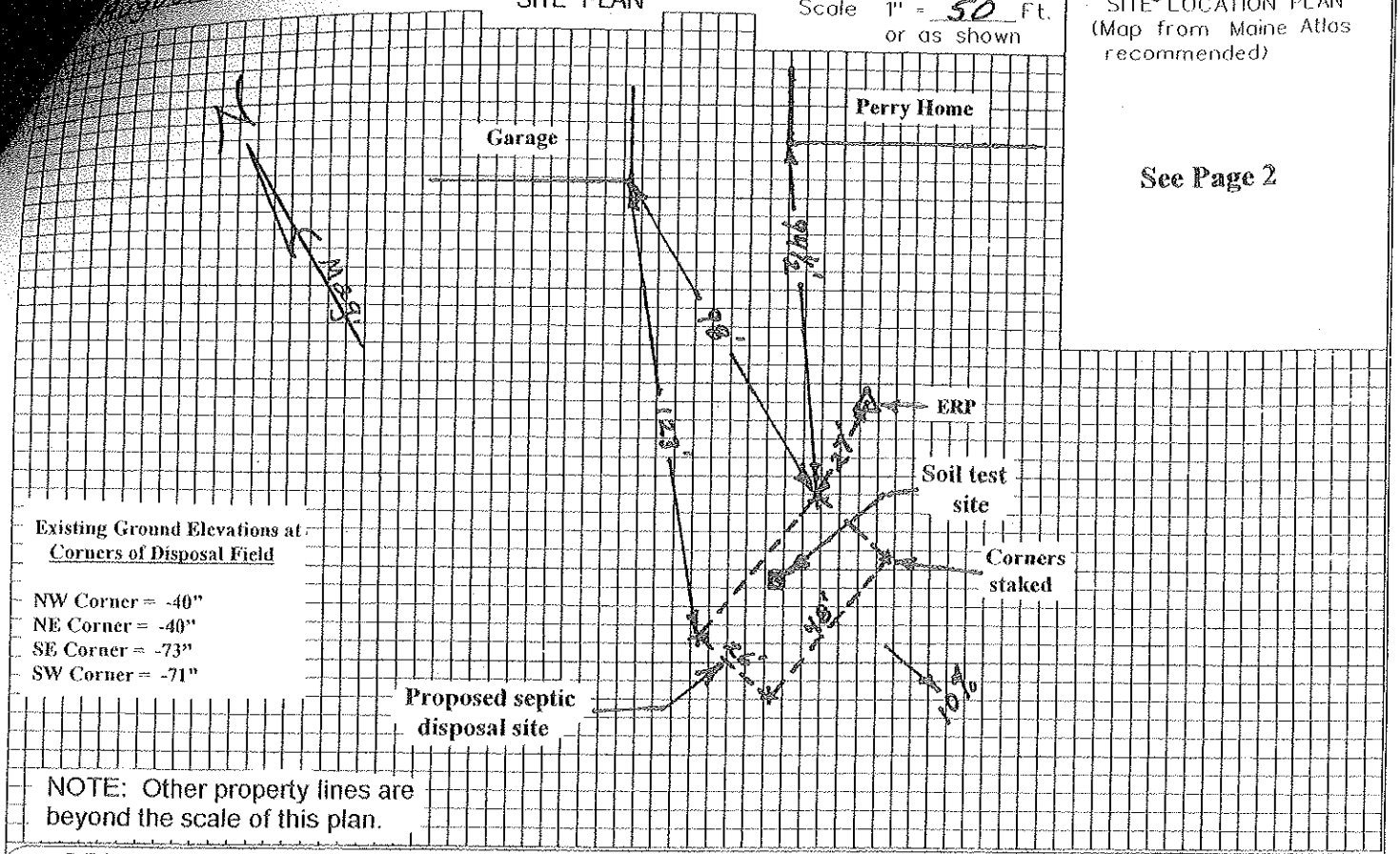
Town, Plantation: Augusta

Street, Road Subdivision: 524 Eastern Avenue (ME-17)

Owner's Name: Doug Perry

SITE PLAN

Scale 1" = 50 Ft. or as shown



SITE LOCATION PLAN

(Map from Maine Atlas recommended)

See Page 2

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

Observation Hole _____ ☐ Test Pit ☒ Boring

2 " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Stony Fine Sandy Loam	Friable	Brown	None
10			yellow-brown	
20			Light olive	
30				
40	Bedrock			
50				

Soil Classification		Slope	Limiting Factor	
2	A III	10 %	30 "	☐ Ground Water ☐ Restrictive Layer ☒ Bedrock ☐ 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	
		%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
Profile	Condition			

Kenneth E. Stratton — Site Evaluator Signature

157 — SE #

8/20/09 — Date

HHE-200 Rev. 7/97

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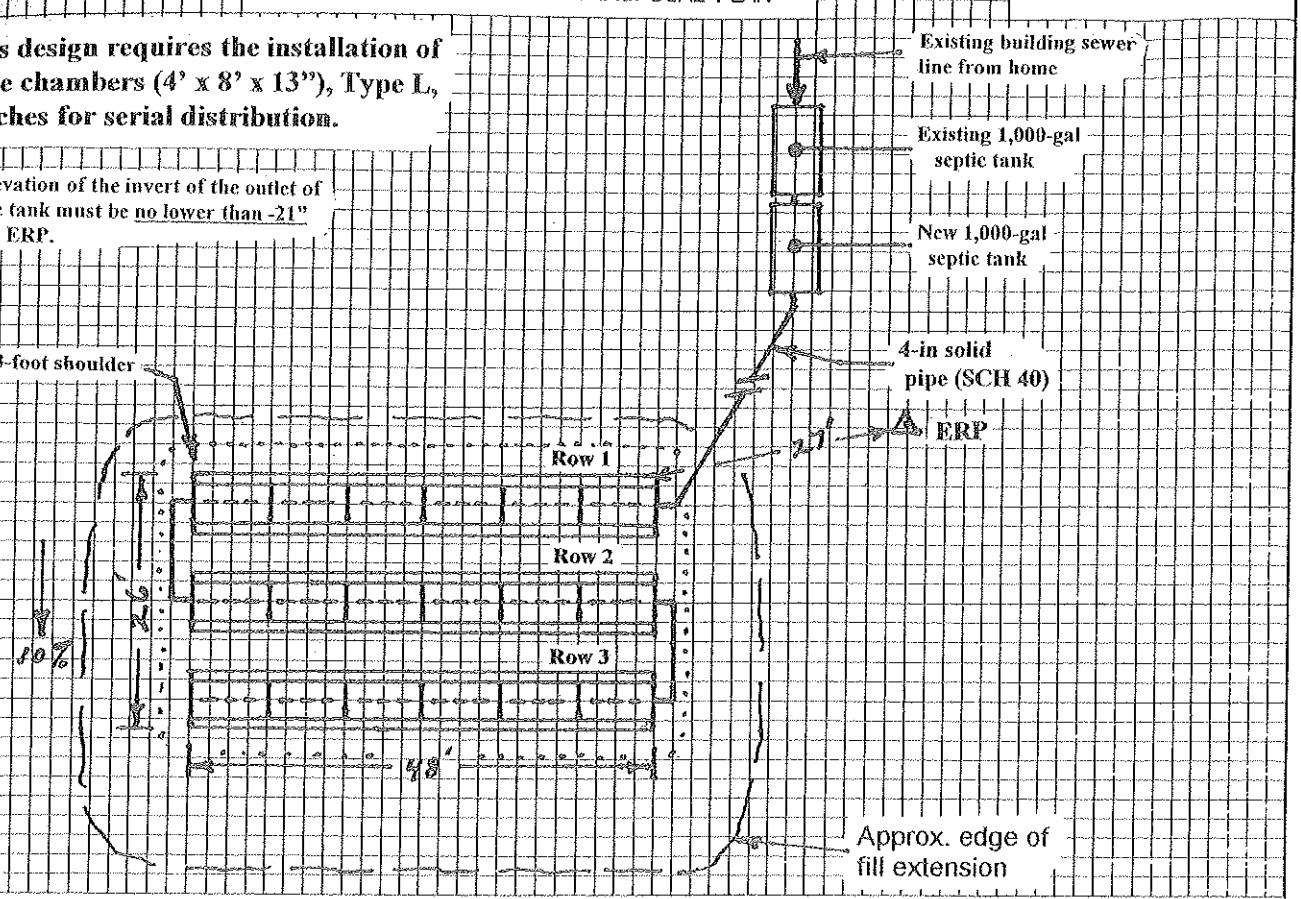
Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	524 Eastern Avenue (ME-17)	Doug Perry

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.

Note: This design requires the installation of 18 concrete chambers (4' x 8' x 13"), Type L, set in trenches for serial distribution.

Note: The elevation of the invert of the outlet of the new septic tank must be no lower than -21" relative to the ERP.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth of Fill (Upslope)	18"	Finished Grade Elevation	See Page 5	Location & Description: Nail in base of 20-in. maple. Nail is 15" up on tree.
Depth of Fill (Downslope)	25"	Top of Distribution Pipe or Proprietary Device		Reference Elevation: 0"
		Bottom of Disposal Area		

DISPOSAL AREA CROSS SECTION

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

See Attached Page 5 - Disposal Area Cross Section

Kenneth G. Strath — Site Evaluator Signature
157 — SE #
8/20/09 — Date

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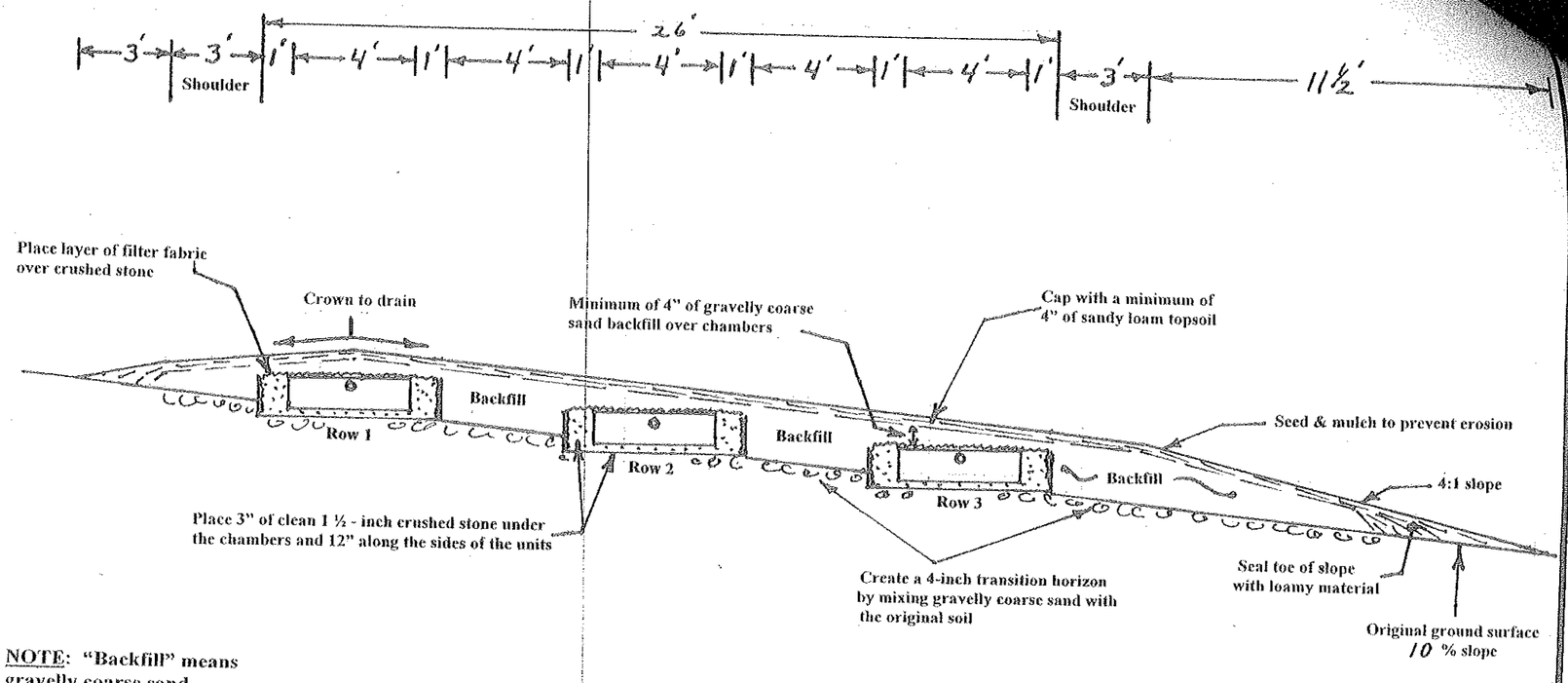

NOTE: "Backfill" means gravelly coarse sand

ELEVATIONS - ERP = 0"

	Row 1	Row 2	Row 3
Finished Grade:	-22"	-34"	-46"
Top of Chambers:	-30"	-42"	-54"
Bottom of Chambers:	-43"	-55"	-67"
Bottom of Stone:	-46"	-58"	-70"

STATE OF MAINE
KENNETH G. STRATTON
LSE 157
SITE EVALUATOR

DISPOSAL AREA CROSS SECTION

SCALE: 1" = 5' (both horizontal & vertical)