

Called 9-4 1:50

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

**PROPERTY LOCATION**

City, Town or Municipality: AUGUSTA  
 Street or Road: LEIGHTON RD.  
 Subdivision Lot #: \_\_\_\_\_

**OWNER/APPLICANT INFORMATION**

NAME (last, first, MI): GOVE LARRY  
 MAILING ADDRESS OF:  
 OWNER  
 APPLICANT: GARDINER, ME 04345  
 Daytime Tel. #: 207-582-1662

**AUGUSTA**  
 Date Permit Issued: 9/21/01  
 Local Plumbing Inspector Signature: [Signature]  
 L.P.I. #: 8501  
 TOWN COPY  
 \$ 10.00 FEE Charged  
 Double Fee Charged

**Owner Statement**

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.

Signature of Owner/Applicant: [Signature] Date: 9-4-01

Municipal Tax Map # 9 Lot # 35

**Caution! Inspection Required**

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

( 1st ) Date Approved: \_\_\_\_\_  
 Local Plumbing Inspector Signature: \_\_\_\_\_  
 ( 2nd ) Date Approved: \_\_\_\_\_

## PERMIT INFORMATION

**TYPE OF APPLICATION:**

- First Time System
- Replacement System  
Type Replaced: STRAIGHT PIPE  
Year Installed: 1920's
- Expanded System
  - a. minor expansion
  - b. major expansion
- Experimental System
- Seasonal Conversion

**THIS APPLICATION REQUIRES:**

- No Rule Variance
- First Time System Variance
  - a. Local Plumbing Inspector approval
  - b. State & Local Plumbing Inspector approval
- Replacement System Variance
  - a. Local Plumbing Inspector approval
  - b. State & Local Plumbing Inspector approval
- Minimum Lot Size Variance
- Seasonal Conversion Approval

**DISPOSAL SYSTEM COMPONENT(S)**

- Non-Engineered System
- Primitive System (graywater & alt toilet)
- Alternative Toilet, specify: \_\_\_\_\_
- Non-Engineered Treatment Tank (only)
- Holding Tank \_\_\_\_\_ Gallons
- Non-Engineered Disposal Area (only)
- Separated Laundry System
- Engineered System (+2000 gpd)
- Engineered Treatment Tank (only)
- Engineered Disposal Area (only)
- Pretreatment, specify: \_\_\_\_\_
- Miscellaneous components

**SIZE OF PROPERTY**

1 ACRES  sq. ft.  acres

**DISPOSAL SYSTEM TO SERVE:**

- Single Family Dwelling Unit  
No. of Bedrooms: 3
- Multiple Family Dwelling: Number of Units: \_\_\_\_\_
- Other: \_\_\_\_\_  
Specify: \_\_\_\_\_

**TYPE OF WATER SUPPLY**

- Drilled Well
- Dug Well
- Private
- Public
- Other

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

**TREATMENT TANK**

- Concrete
  - a. Regular
  - b. Low Profile
- Plastic
- Other: \_\_\_\_\_

CAPACITY: 1000 Gallons

**DISPOSAL FIELD TYPE & SIZE**

- Stone Bed  Stone Trench
- Proprietary Device: \_\_\_\_\_
- Cluster Array  Linear
  - Regular Load
  - OH-20
- Other: \_\_\_\_\_

Size: 1120 sq. ft.  lin. ft.

**GARBAGE DISPOSAL UNIT**

- NO  Maybe
- Yes >> Specify one below
  - Multi-compartment tank
  - Tank in series
  - Increase in tank capacity
  - Filter on tank outlet

**DESIGN FLOW**

270 Gallons per day Based On:

- Table 901.1 (dwelling unit(s))
- Table 901.2 (other facilities)  
Show Calculations - for other facilities -
- Section 903.0 (meter readings)

ATTACH WATER-METER DATA

**SOIL DATA & DESIGN CLASS**

PROFILE: 8/ CONDITION: C DESIGN: 1/3

at Observation Hole # 1  
 Depth: 18 Elevation: N/R.  
 OF MOST LIMITING SOIL FACTOR

**DISPOSAL AREA SIZING**

- Small - 2.00 sq. ft. /gpd
- Medium - 2.60 sq. ft. /gpd
- Medium-Large - 3.30 sq. ft. /gpd
- Large - 4.10 sq. ft. /gpd
- Extra-Large - 5.00 sq. ft. /gpd

**PUMPING**

- Not required
- May Be Required
- Required >> Specify Only for Engineered or Experimental Systems

DOSE: \_\_\_\_\_ Gallons

## SITE EVALUATOR'S STATEMENT

I CERTIFY that on 9/21/01 (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: Paul A. Beers # 56 Date: 9/21/01  
 Site Evaluator Name Printed: PAUL A. BEERS Telephone: 207-582-7400

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Town, City, Plantation  
**AUGUSTA**

Street, Road, Subdivision  
**LEIGHTON RD.**

Owner's or Applicant Name  
**LARRY GOVE**

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

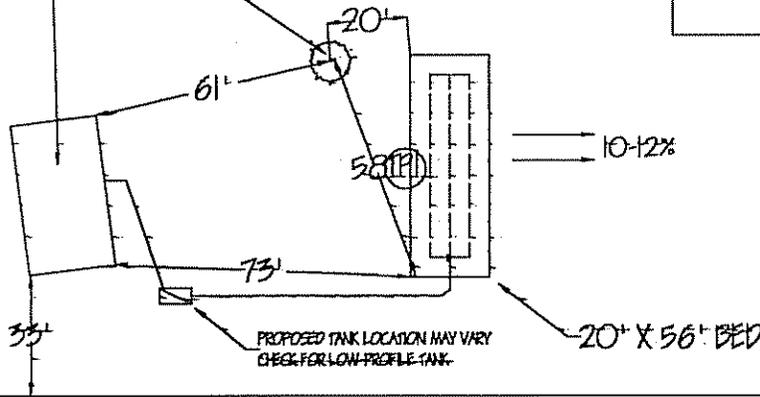
**SITE LOCATION PLAN**  
(Attach map from Maine Atlas  
for First Time System Variance)

SEE  
ATTACHED  
MAP

LEIGHTON RD.

EXISTING HOME

ERP



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

Observation Hole  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	SILT LOAM		OLIVE BRN.	FEW FAINT @ 18"
20			OLIVE GRAY	
30		FIRM		
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	Slope	Limiting Factor	<input type="checkbox"/> Ground Water
B	12%	18"	<input type="checkbox"/> Restrictive Layer
Profile	Condition	Depth	<input type="checkbox"/> Bedrock

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

*Jane C. Adams* PALL A. BEERS  
Site Evaluator Signature

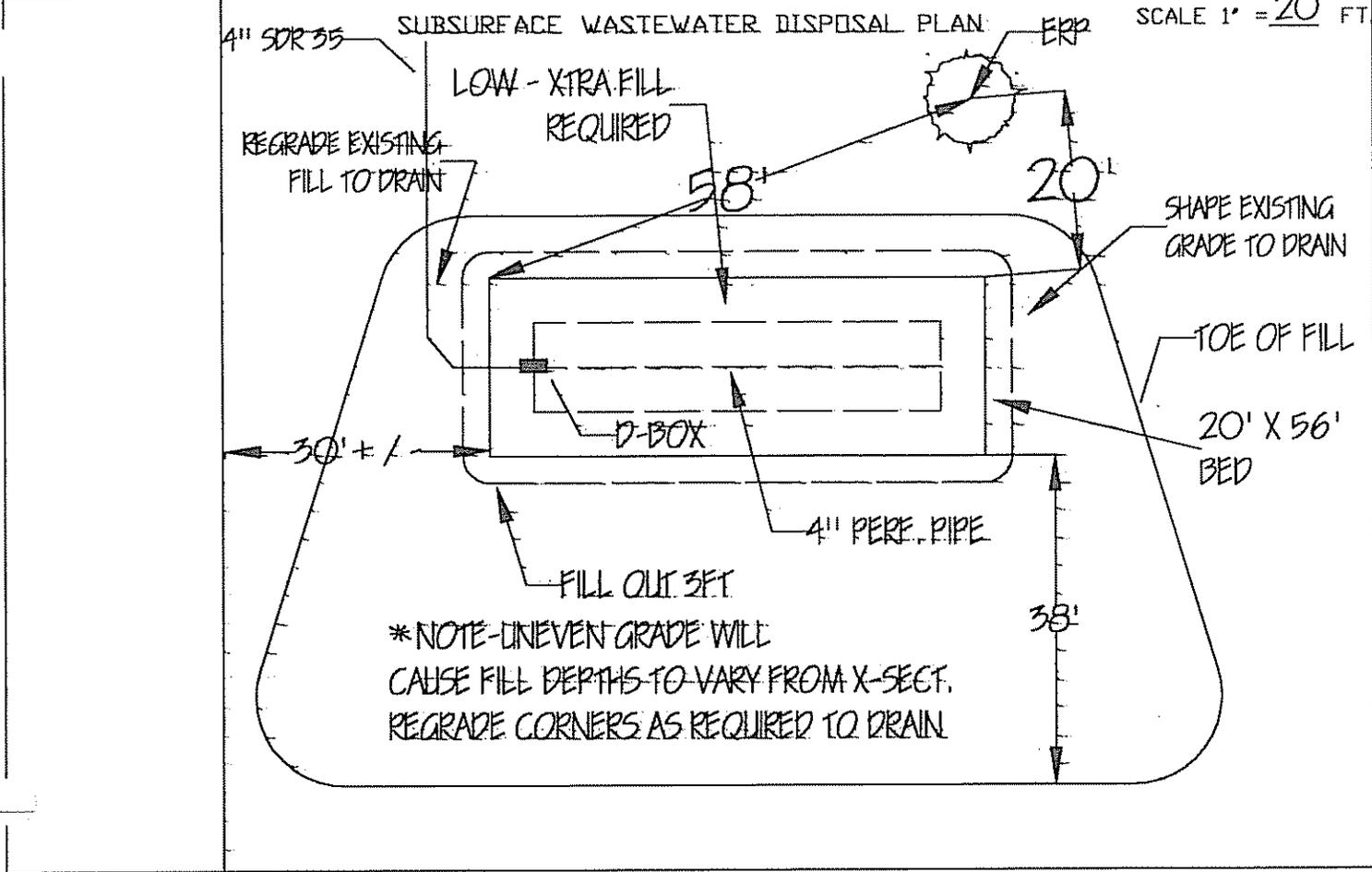
# 56  
SE#

9/3/01  
Date

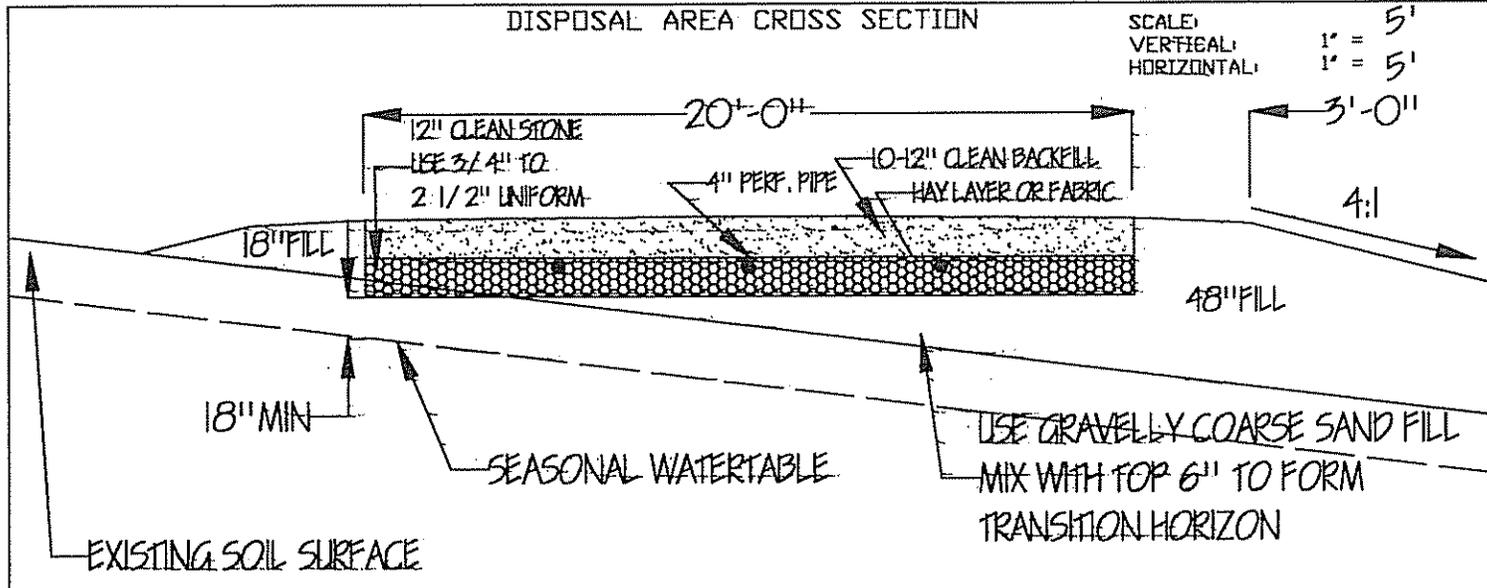
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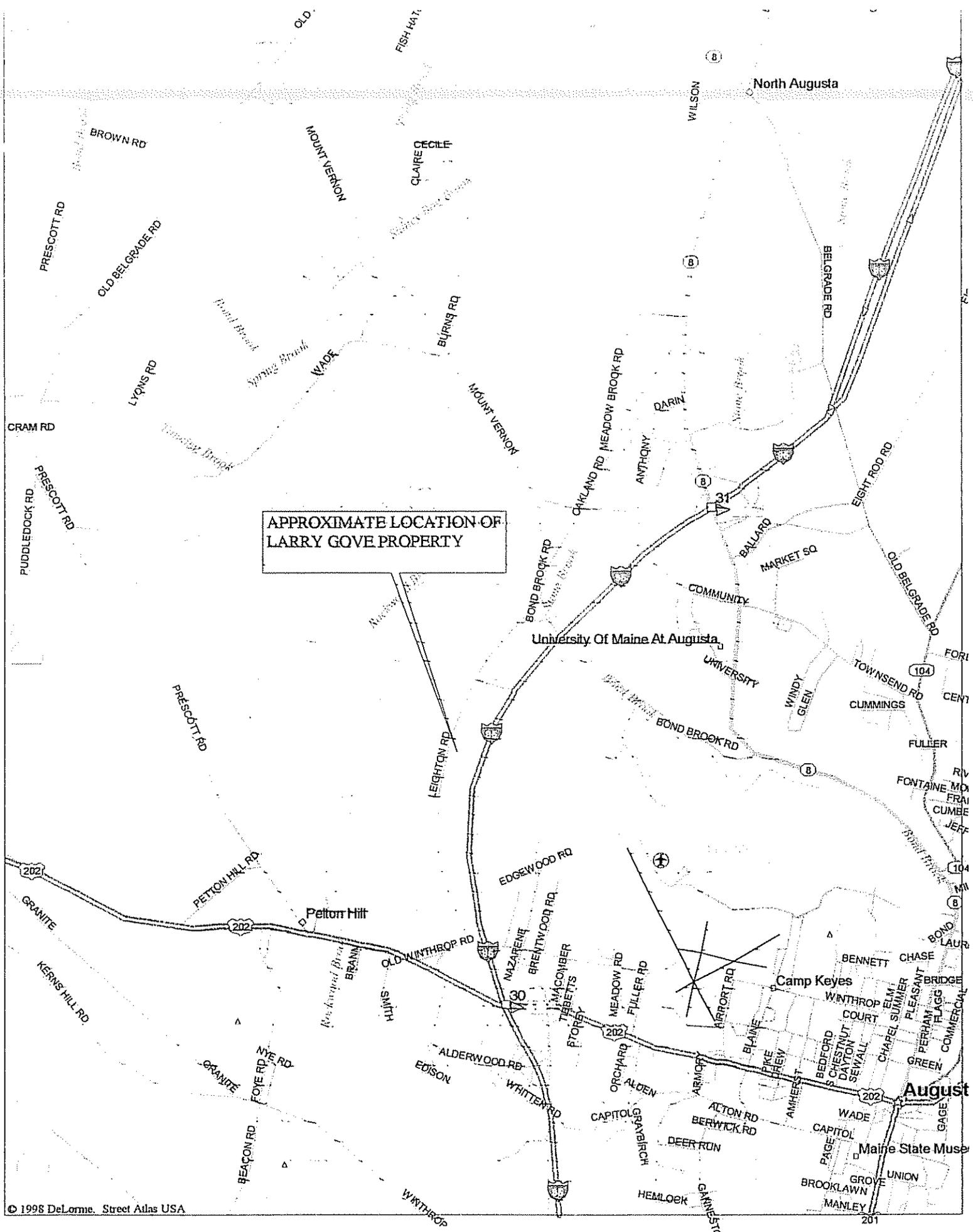
Town, City, Plantation: **AUGUSTA** Street, Road, Subdivision: **LEIGHTON RD.** Owner or Applicant Name: **LARRY GOVE**



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	18' ± 1"	Finished Grade Elevation	-50' ± 1"	Location & Description	
Depth of Fill (Downslope)	48' ± 1"	Top of Distribution Pipe or Proprietary Device	-61"	NAIL IN 6" ASH TREE	
DEPTHS AT CROSS-SECTION (SHOWN BELOW)		Bottom of Disposal Area	-72"	Reference Elevation is 0.0"	



Site Evaluator Signature: *James C. Rivers* # 56 Date: 9/3/01  
 SE # Date  
 Page 3 of 3  
 HHE-200 Rev. 6/01



APPROXIMATE LOCATION OF  
LARRY GOVE PROPERTY

University Of Maine At Augusta

North Augusta

Augusta

Maine State Museum

## ATTACHMENT FOR HHE-200 FORM

Date: September 02, 2001

Owner / Applicant: Larry Gove

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.