SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
(207) 287-5672 Fax: (207) 287-4172

>> CAUTION: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #7151 TOWN COPY
Date Permit Issued: 10/21/15 $ 250.00 fee
15.00
LPI # 850

PROPERTY LOCATION

City, Town, or Plantation	AUGUSTA
Street or Road	936 EASTERN AVENUE
Subdivision, Lot #	

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	THE ESTATE OF KENNETH J. ELMELAND ☐ Owner ☐ Applicant
Mailing Address of Owner/Applicant	936 EASTERN AVENUE AUGUSTA, ME 04330
Daytime Tel. #	458-5600

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 10/20/2015

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

Local Plumbing Inspector Signature — (1st) date approved 10/27/15 — (2nd) date Approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: TRENCH
  - Year installed: 1967
- ☐ 3. Expanded System
  - ☐ a. <25% Expansion
  - ☐ b. ≥25% 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
± 2 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING
☐ Yes ☐ No

DISPOSAL SYSTEM TO SERVE
- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
- ☐ 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
  - ☒ a. Regular
  - ☐ b. Low Profile
- ☐ 2. Plastic
- ☐ 3. Other: _____
- CAPACITY: 1000 GAL.
- INSTALL

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: 20' X 60'
- SIZE: 1200 ☒ 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
270 gallons per day
BASED ON:
- ☒ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities)
  SHOW CALCULATIONS for other facilites
- ☐ 3. Section 4G (meter readings)
  ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
1 / C
at Observation Hole # 1
Depth 15"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- ☐ 2. Medium---Large 3.3 sq. ft. / gpd
- ☒ 3. Large---4.1 sq. ft. / gpd
- ☐ 4. 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

LATITUDE AND LONGITUDE
at center of disposal area
Lat. 44 d 16 m 45 s
Lon. 69 d 41 m 40 s
if g.p.s, state margin of error: _____

SITE EVALUATOR STATEMENT

I certify that on 10/7/15 (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 — SE # 226 — Date 10/9/15

VAUGHN L. SMITH — Site Evaluator Name Printed

441-3882 — Telephone Number

SOILTESTMAN@GMAIL.COM — E-mail Address

STATE OF MAINE VAUGHN L. SMITH 226 LICENSED SITE EVALUATOR

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

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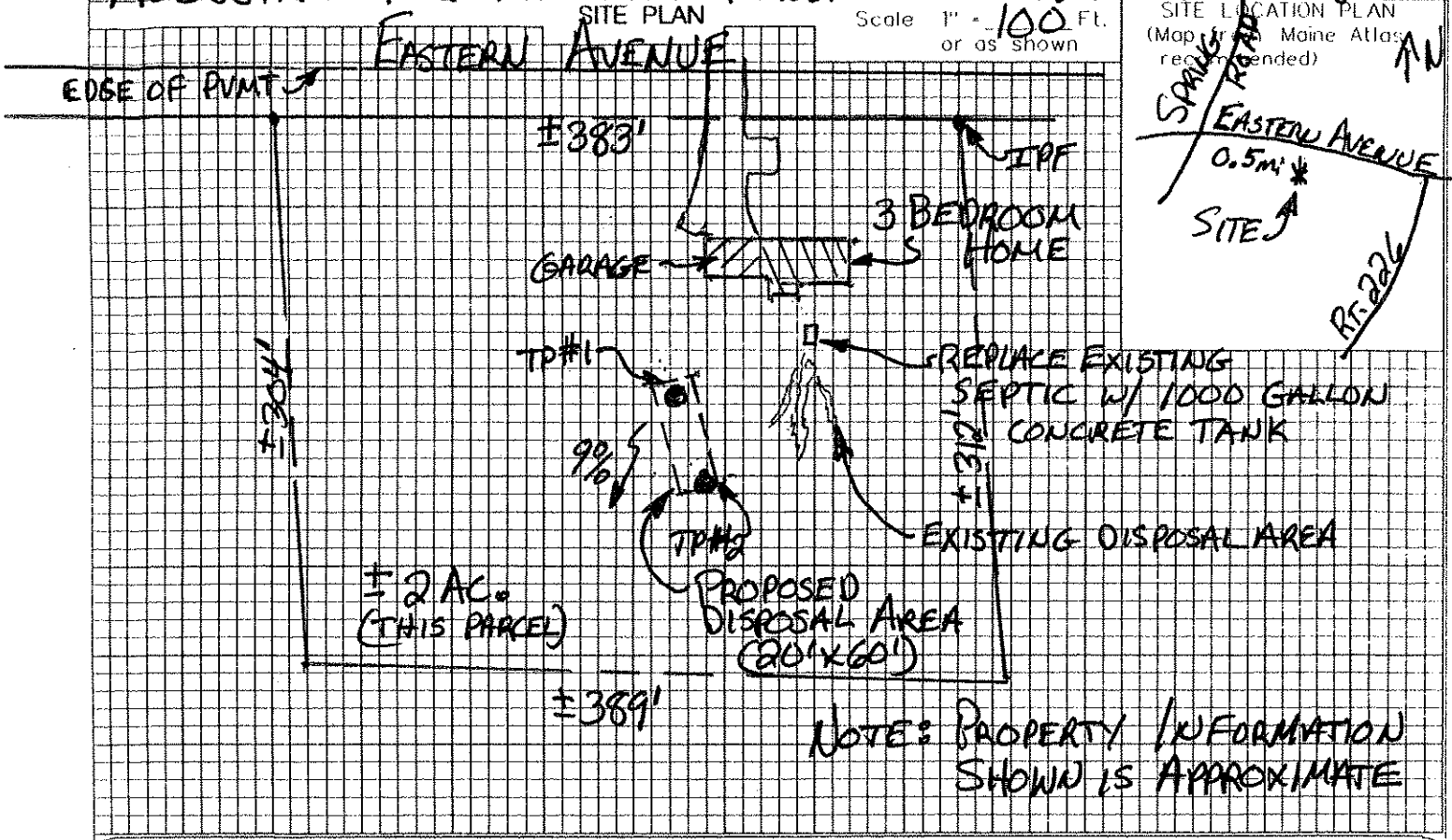
Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: 936 EASTERN AVENUE
Owner's Name: THE ESTATE OF KENNETH TJELMELAND

SITE PLAN — Scale 1" = 100 Ft. or as shown



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

Observation Hole #1 ☐ Test Pit ☐ Boring
1" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10	COBBLY SANDY LOAM	FRIABLE	YELLOWISH BROWN	NONE
10–30	SILT LOAM	FIRM	OLIVE	FEW DISTINCT
30–40				
40–50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
1	C	8%	15"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole #2 ☒ Test Pit ☐ Boring
1" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–10	COBBLY	FRIABLE	YELLOWISH BROWN	NONE
10–30	SANDY LOAM	FIRM	LIGHT OLIVE BROWN	FEW DISTINCT
30–40				
40–50				

Soil Classification: Profile	Condition	Slope	Limiting Factor	
3	C	10%	18"	☒ Ground Water ☒ Restrictive Layer ☐ Bedrock ☐ Pit Depth

STATE OF MAINE — VAUGHN L. SMITH — 226 — LICENSED SITE EVALUATOR

Site Evaluator Signature: Vaughn L. Smith — Date: 10/9/15

HOUSE

INSTALL 1000 GALLON SEPTIC TANK

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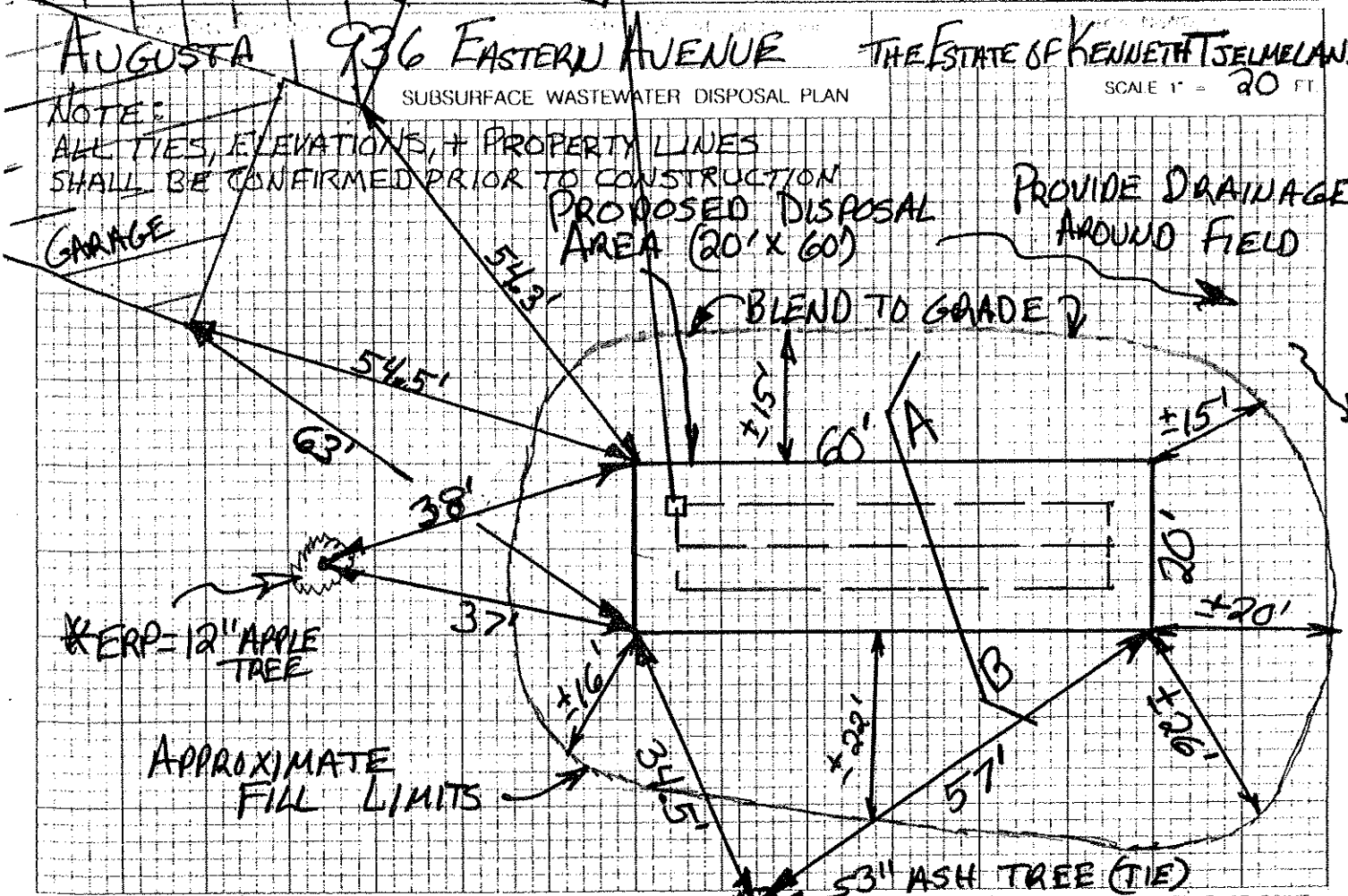
AUGUSTA 936 EASTERN AVENUE

THE ESTATE OF KENNETH TJELMELAND

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20 FT.

NOTE:
ALL TIES, ELEVATIONS, + PROPERTY LINES SHALL BE CONFIRMED PRIOR TO CONSTRUCTION

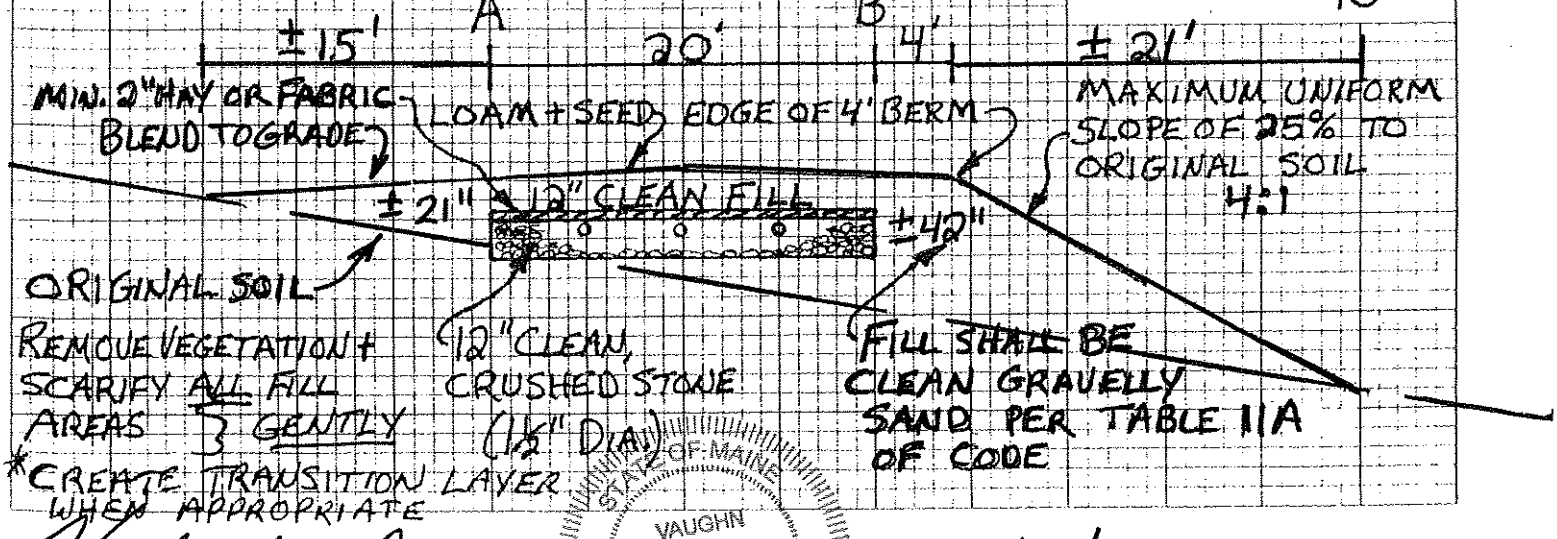


FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT	
Depth of Fill (Upslope)	±21"	Finished Grade Elevation	−16"	Location & Description	12" APPLE TREE W/NAIL 61" ABOVE
Depth of Fill (Downslope)	±42"	Top of Distribution Pipe or Proprietary Device	−28"		
		Bottom of Disposal Area	−40"	Reference Elevation	0" GROUND

FILL DEPTHS WILL VARY

DISPOSAL AREA CROSS SECTION

SCALE
VERTICAL 1" = 5'
HORIZONTAL 1" = 10'



Vaughn L. Shute
Site Evaluator Signature

STATE OF MAINE
VAUGHN L. SHUTE
SM 226
LICENSED SITE EVALUATOR

10/9/15
Date