

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

m3278c
 Department of Human Services
 Division of Health Engineering
 (207)289-3826

PROPERTY ADDRESS

Town Or Plantation: AUGUSTA

Street Subdivision Lot #: 77 CHURCH HILL ROAD

PROPERTY OWNERS NAME

Last: EDWARDS First: JAMES SCOTT

Applicant Name: - SAME -

Mailing Address of Owner/Applicant (If Different): 4 SPRUCE STREET AUGUSTA, MAINE 04330

CAUTION: INSPECTION REQUIRED

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

Caution: Inspection Required

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

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

J. Scott + Linda L Edwards

Signature of Owner/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.

Local Plumbing Inspector Signature _____ Date Approved _____

PERMIT INFORMATION

THIS APPLICATION IS FOR:

- NEW SYSTEM
- REPLACEMENT SYSTEM
- EXPANDED SYSTEM
- EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI

- SYSTEM COMPLIES WITH RULES
- CONNECTED TO SANITARY SEWER
- SYSTEM INSTALLED - P# _____
- SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:

- BED
- CHAMBER
- TRENCH
- OTHER _____

SIZE OF PROPERTY: 21.7 AC ZONING: _____

THIS APPLICATION REQUIRES:

- NO RULE VARIANCE
- NEW SYSTEM VARIANCE
Attach New System Variance Form
- REPLACEMENT SYSTEM VARIANCE
Attach Replacement System Variance Form
 - Requiring Local Plumbing Inspector Approval
 - Requires State and Local Plumbing Inspector Approval
- MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:

- SINGLE FAMILY DWELLING
- MODULAR OR MOBILE HOME
- MULTIPLE FAMILY DWELLING
- OTHER _____ SPECIFY _____

INSTALLATION IS:

COMPLETE SYSTEM

- NON-ENGINEERED SYSTEM
- PRIMITIVE SYSTEM (Includes Alternative Toilet)
- ENGINEERED (+ 2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

- TREATMENT TANK (ONLY)
- HOLDING TANK _____ GAL
- ALTERNATIVE TOILET (ONLY)
- NON-ENGINEERED DISPOSAL AREA (ONLY)
- ENGINEERED DISPOSAL AREA (ONLY)
- SEPARATED LAUNDRY SYSTEM

TYPE OF WATER SUPPLY
DRILLED WELL - PROPOSED

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

- SEPTIC: Regular Low Profile
- AEROBIC IF NECESSARY

SIZE: 1000 GALS.

WATER CONSERVATION

- NONE
- LOW VOLUME TOILET
- SEPARATED LAUNDRY SYSTEM
- ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

- NOT REQUIRED
- MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
- REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

3 BEDROOMS

DESIGN FLOW: 270 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
<u>3</u>	<u>C</u>

DEPTH TO LIMITING FACTOR: 16

SIZE RATINGS USED FOR DESIGN PURPOSES

- SMALL
- MEDIUM
- MEDIUM-LARGE
- LARGE
- EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

- BED 1000 Sq. Ft.
- CHAMBER _____ Sq. Ft.
 - REGULAR H-20
- TRENCH _____ Linear Ft.
- OTHER: _____

SITE EVALUATOR STATEMENT

On NOVEMBER 17, 1992 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Vaughan L. Smith Site Evaluator Signature 226 SE# 12-1-92 Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation

AUGUSTA

Street, Road, Subdivision

CHURCH HILL ROAD
SITE PLAN

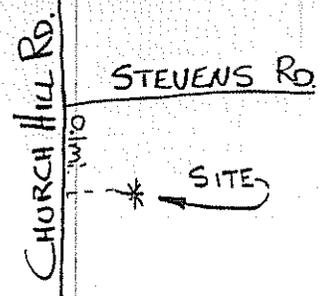
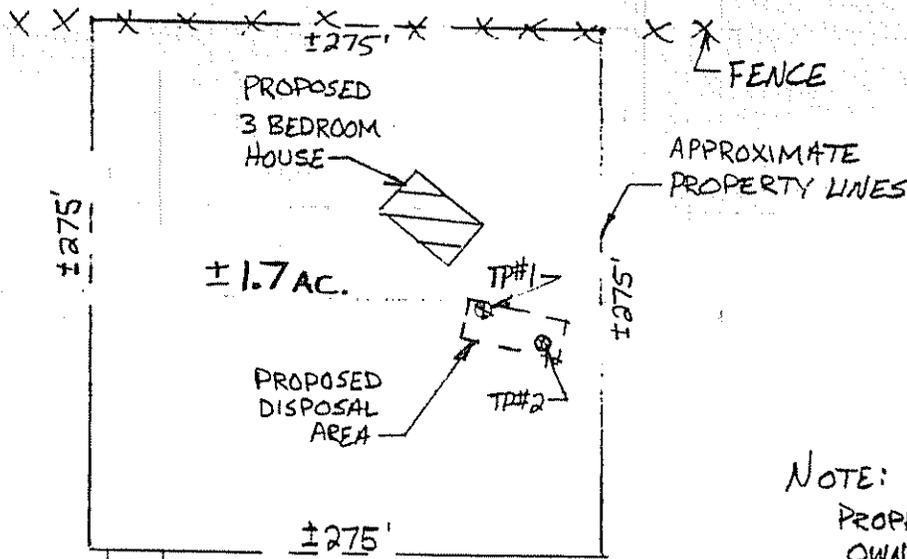
Owners Name

JAMES SCOTT EDWARDS

SITE LOCATION PLAN (Attach

Map from Maine Atlas for
New System Variance)

Scale 1" = 100 Ft.



NOTE:

PROPERTY INFORMATION PER
OWNER

← PROPOSED
DRIVEWAY
EASEMENT
(APPROXIMATE
LOCATION + DISTANCE)
— DISTANCE NOT TO SCALE

CHURCH HILL ROAD

SOIL DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole #1 Test Pit Boring

2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0			DARK	
6			BROWN	
10	STONY	FRIABLE		NONE
15	SANDY		OLIVE	
20	LOAM		BROWN	
30		FIRM	OLIVE	FEW FAINT
40				
50				

Soil Profile 3 Classification C Slope 5 % Limiting Factor L7
 Ground Water
 Restrictive Layer
 Bedrock

Observation Hole #2 Test Pit Boring

2" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture	Consistency	Color	Mottling
0				
6			BROWN	
10	FINE	FRIABLE		NONE
15	SANDY		OLIVE	
20	LOAM		BROWN	
30	VERY			FEW
40	FINE	FIRM	OLIVE	DISTINCT
50	SANDY			
50	LOAM			

Soil Profile 3 Classification C Slope 3 % Limiting Factor 6
 Ground Water
 Restrictive Layer
 Bedrock

Vaughn L. Smith
Site Evaluator Signature

226
SE#

12-1-92
Date

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Town, City, Plantation

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Owners Name

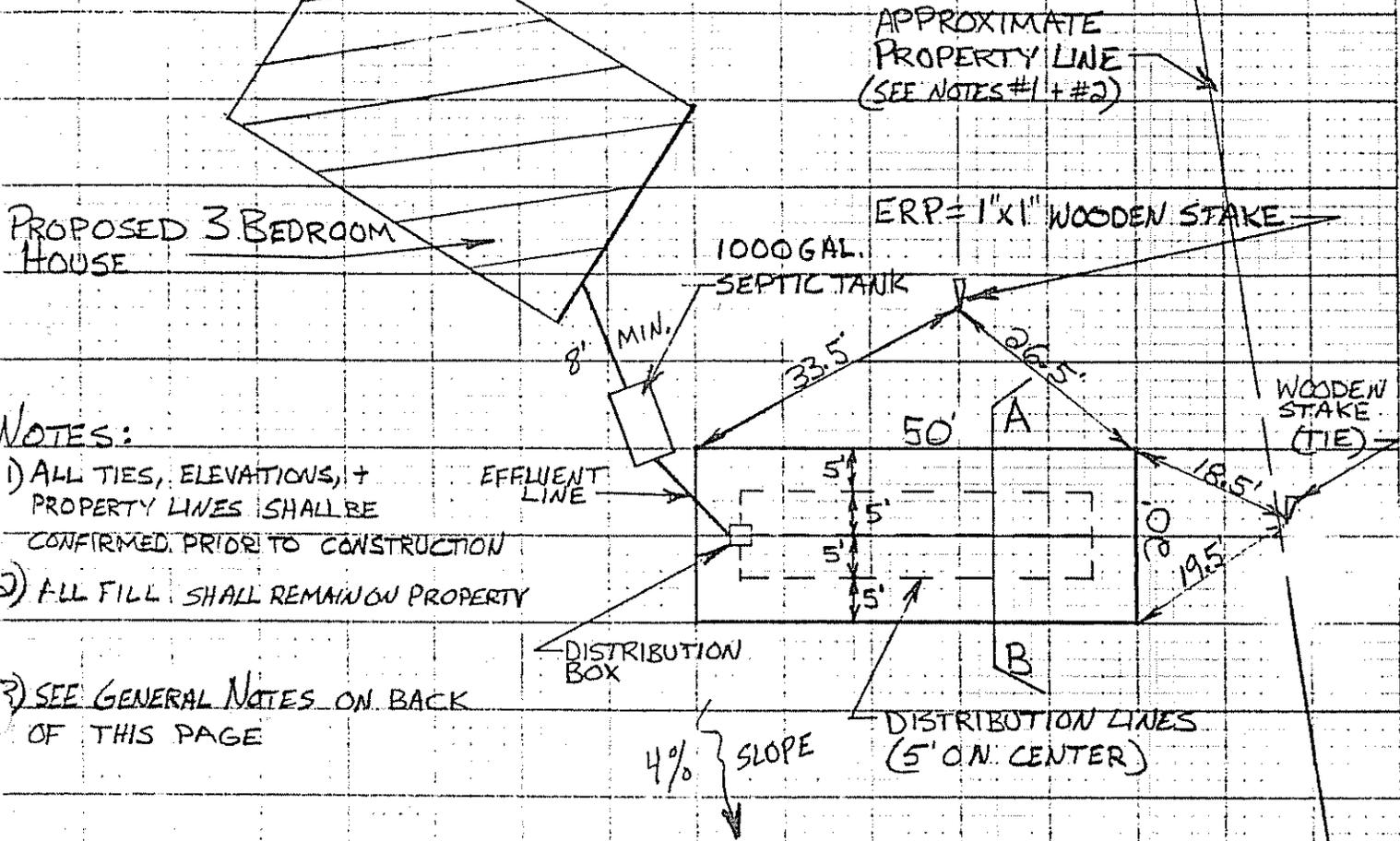
AUGUSTA

CHURCH HILL ROAD

JAMES SCOTT EDWARDS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope) 20"
Depth of Fill (Downslope) 27"
FILL DEPTHS WILL VARY

CONSTRUCTION ELEVATIONS

Reference Elevation is 0"
Bottom of Disposal Area -60"
Top of Distribution Lines or Chambers -48"

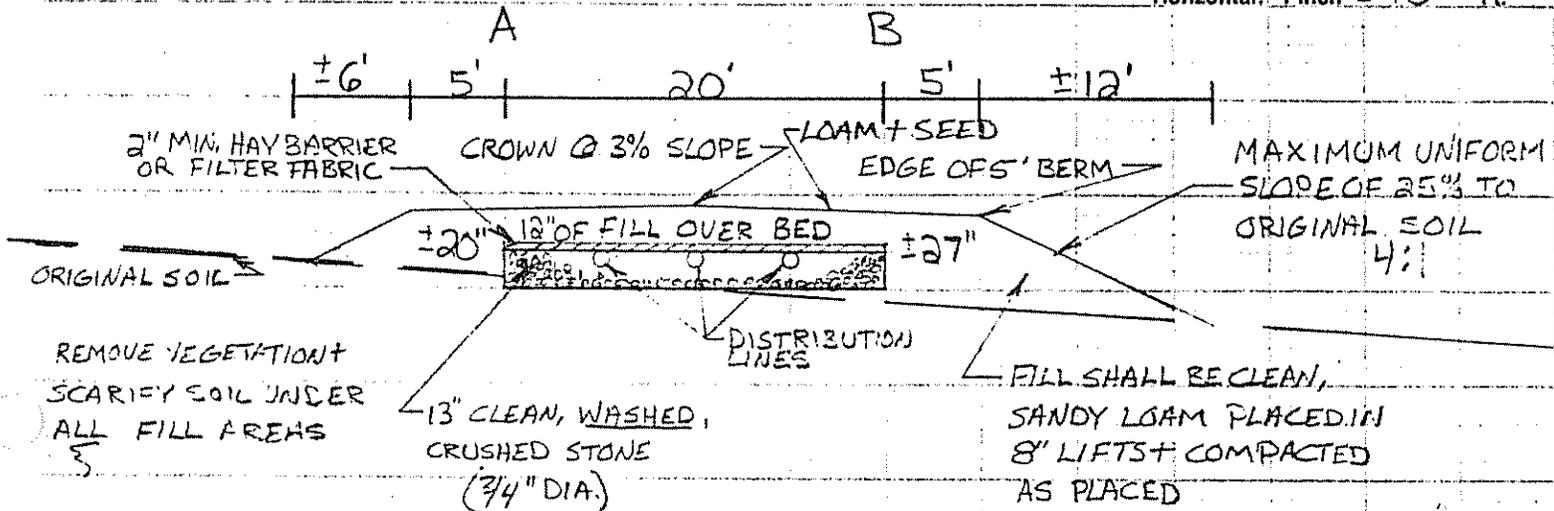
ELEVATION REFERENCE POINT

LOCATION & DESCRIPTION
ERP = MARK ON WOODEN STAKE
SET 38" ABOVE GROUND

DISPOSAL AREA CROSS SECTION

Scale:

Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 10 Ft.



Vaughan
Site Evaluator Signature

226
SE#

12-1-92
Date

GENERAL NOTES

- 1) The most recent revision of the Maine State Plumbing Code is hereby made a part of this HME-200 Form and shall be consulted by the disposal system installer for further construction details, material specifications, cautions, and other related details pertinent to the construction of this disposal system.
- 2) This HME-200 Form is intended to represent facts pertinent to the Plumbing Code only. The owner or applicant must check all local, state, and federal regulations (ie. zoning, building codes, minimum lot size, wetlands, etc.) before considering this an approvable site. All information shown on this form relating to property lines and subsurface structures (such as, but not limited to: water lines, septic tanks, cess pools, cellar drains, utility lines, etc.) are noted, plotted, or left off as not affecting the system based on information provided by the owner or his agent. It is the responsibility of the owner or his agent to confirm, BEFORE CONSTRUCTION BEGINS, any features which may affect (Or be adversely affected by) the installation of this system.
- 3) When a gravity system is proposed, BEFORE CONSTRUCTION BEGINS, the disposal system installer shall review the relative elevations of all points given in this HME-200 Form and the elevations of the existing or proposed building drain, septic tank, and disposal field for compatibility to the minimum code pitch requirements. Any discrepancies that arise, should be brought to the attention of the L.P.I. or myself. When a pump system is required, the tank and lift station shall be installed above the high water table.
- 4) If the use of appliances that contribute large amounts of wastewater (ie. clothes/dish washer, hot tub, etc.) becomes excessive, a separate disposal field should be designed and installed. Installation of a garbage disposal is not recommended.
- 5) Septic tank should be inspected frequently and pumped approximately every 3 years.
- 6) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on the HME-200 without re-evaluation of the system.
- 7) Construction Details (see State Plumbing Code Section 11.D)
 - (a.) The vegetation in the proposed disposal area and fill extensions shall be removed and the ground surface scarified to minimize glazing of the original soil. All trees within 15 feet of disposal area shall be removed.
 - (b.) The bottom of the disposal area shall be level with a maximum grade tolerance of 1 inch per 100 feet.
 - (c.) Fill shall be clean, sandy loam, placed in 8 inch lifts and compacted as placed.
 - (d.) The finish grade of the backfill shall be 12 inches over the disposal area and extend 5 feet beyond the edge of the disposal area. At that point, the fill shall be sloped at a uniform grade of no greater than 25% (4:1) to the original ground.
 - (e.) The land adjacent to the disposal area shall be graded to prevent the accumulation of surface water.
 - (f.) The finished disposal area and fill extensions shall be loamed, seeded, and mulched to prevent erosion. Woody shrubs or trees are not to be grown on the disposal area.
- 8) The general setback distance between a well and a septic tank or disposal field, serving a single family residence is 100 feet. The location of a new well that is within 100 feet of the proposed system may void this design.
- 9) All construction shall be inspected by the local plumbing inspector (L.P.I.) prior to backfilling.
- 10) If the owner or installer has questions, please do not hesitate to call.