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, Plantation: Augusta

Street or Road: 47 Pleasent Hill Rd.

Subdivision, Lot #:

AUGUSTA 4984 TOWN COPY

Date Permit Issued: 11/12/02 $ 175.00 ☐ If Double Fee Charged FEE

Local Plumbing Inspector Signature: Gary R. Curtis L.P.I. # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Doore, Thomas ☑ Owner ☐ Applicant

Mailing Address of Owner/Applicant: 47 Pleasent Hill Rd Augusta Me. 04330

Daytime Tel. #: 207-623-2804

Municipal Tax Map # 11 Lot # 264 Book 2405 Page 105

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.

Donna Doore 11/12/02
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.

Gary R. Curtis (1st) date approved 12/12/02
Local Plumbing Inspector Signature (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION

☐ 1. First Time System
☑ 2. Replacement System
Type replaced: Trench
Year installed: Pre 1974
☐ 3. Expanded System
☐ a. Minor Expansion
☐ b. Major Expansion
☐ 4. Experimental System
☐ 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) + Pump Tank
☐ 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

6.5 ☐ 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 Existing
☐ b. Low Profile
☐ 2. Plastic
☐ 3. Other: _____
CAPACITY: 1600 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: 900 ☑ 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 Recommended

DESIGN FLOW

270 gallons per day
BASED ON:
☑ 1. Table 501.1 (dwelling unit(s))
☐ 2. Table 501.2 (other facilities)
SHOW CALCULATIONS
— for other facilites —

SOIL DATA & DESIGN CLASS

PROFILE	CONDITION	DESIGN
3	C-III	1

at Observation Hole # 1
Depth 24"
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

20' X 45' Bed

☐ 3. Section 503.0 (meter readings)
ATTACH WATER METER DATA

SITE EVALUATOR STATEMENT

I certify that on 10-19-02 (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: [signature] SE #: 241 Date: 10-27-02

Site Evaluator Name Printed: Eugene Dube Telephone Number: 207-458-1452 E-mail Address: Septageman@Aol.Com

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

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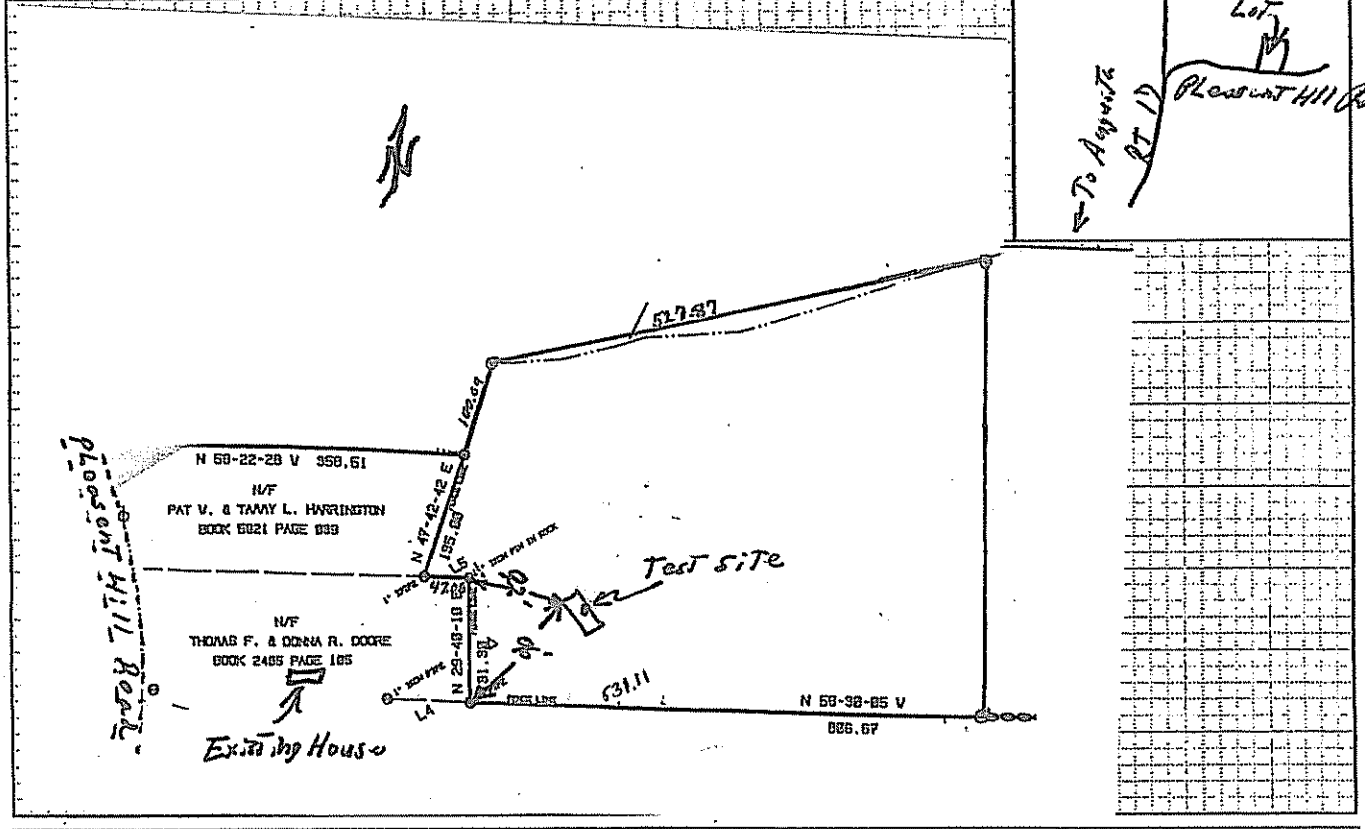
Town, City, Plantation	Street, Road, Subdivision	Owner or Applicant Name
Augusta	47 Pleasant Hill Rd	Tomas Doore

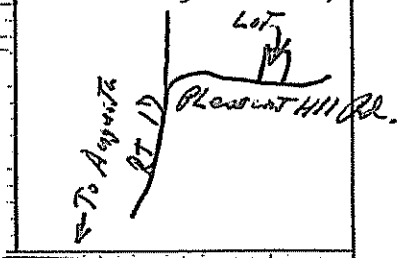
SITE PLAN

Scale: 1" = 200 ft.



SITE LOCATION MAP

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



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

Observation Hole # 1 ☑ Test Pit ☐ Boring

0" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	Sandy Loam	Friable	Brown	
6–24			Red Brown	
24–42		Firm	Olive	Common
42–48	Bedrock			

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
3	C-III	2-4%	24	☑ Groundwater ☐ Restrictive Layer ☐ Bedrock

Observation Hole # _____ ☐ Test Pit ☐ Boring

_____" Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–48				

Soil Profile	Classification Condition	Slope Percent	Limiting Factor Depth	
				☐ Groundwater ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature: [signature] SE #: 241 Date: 10-27-02

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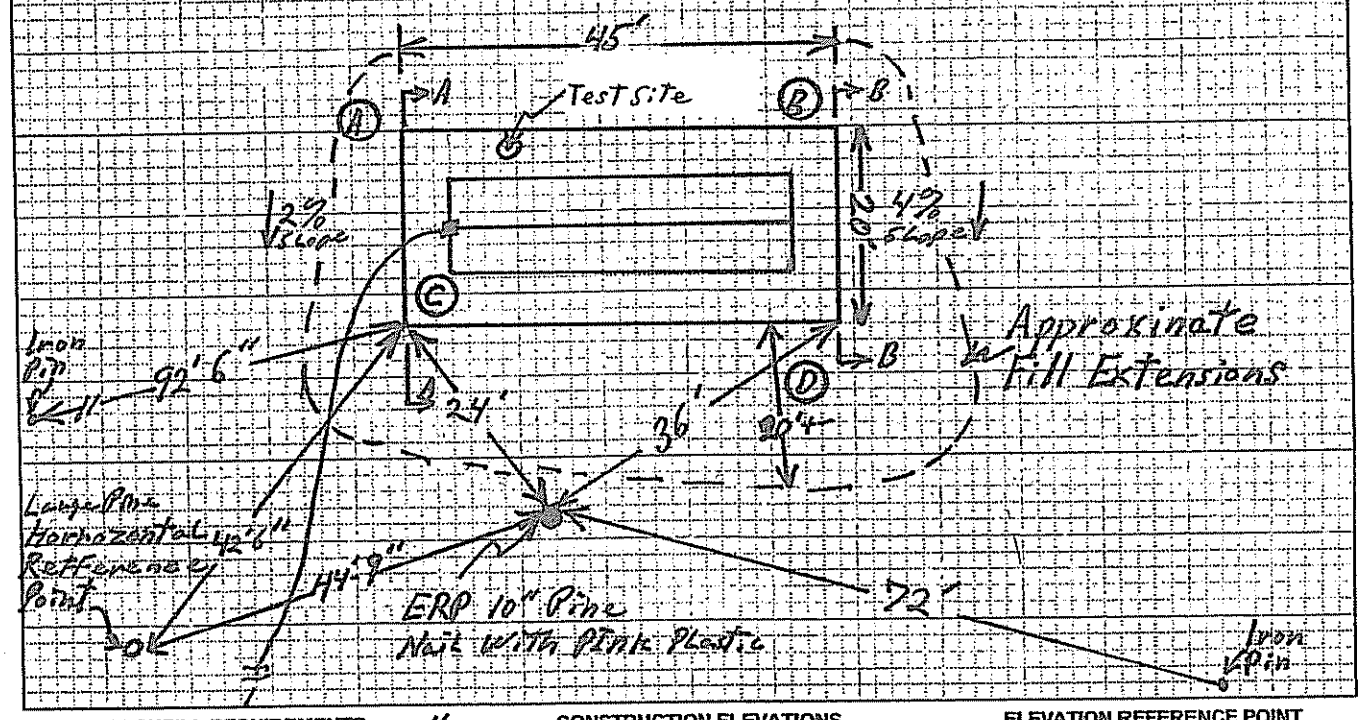
Augusta	27 Pheasent Road	Thomas Doore

SUBSURFACE WASTEWATER DISPOSAL PLAN — Scale: 1" = 20" ft.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) A 17" B 13"
Depth of Backfill (downslope) C 20" D 25"
DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation +1"
Top of Distribution Pipe or Proprietary Device -9"
Bottom of Disposal Field -22"

ELEVATION REFERENCE POINT

Location & Description: Nail with Pink Plastic in 10" Pine 36" off Ground
Reference Elevation is: 0.0" or: _____

Notes !

DISPOSAL FIELD CROSS-SECTION
See Page 4

Scales:
Vertical: 1" = ft.
Horizontal: 1" = ft.

1 Clean and use existing 1000 gallon septic tank. Check tank for water tightness and structural integrity.
2 Install 3 foot pump tank and effluent pump, alarm, and check valve next to the exist ing septic tank.
3 Use 2" pipe to go to the new absorption area and protect from freezing .
4 Install a distribution box.
5 Create a transition zone under the absorbsion area and fill extensions as per Maine Subsurface Wastewater Disposal Rules.
6. All Disposal field construction techniques in Chapter 8 of the Maine Subsurface wastewater Disposal Rules are to be followed, Including erosion and sediment control measures.

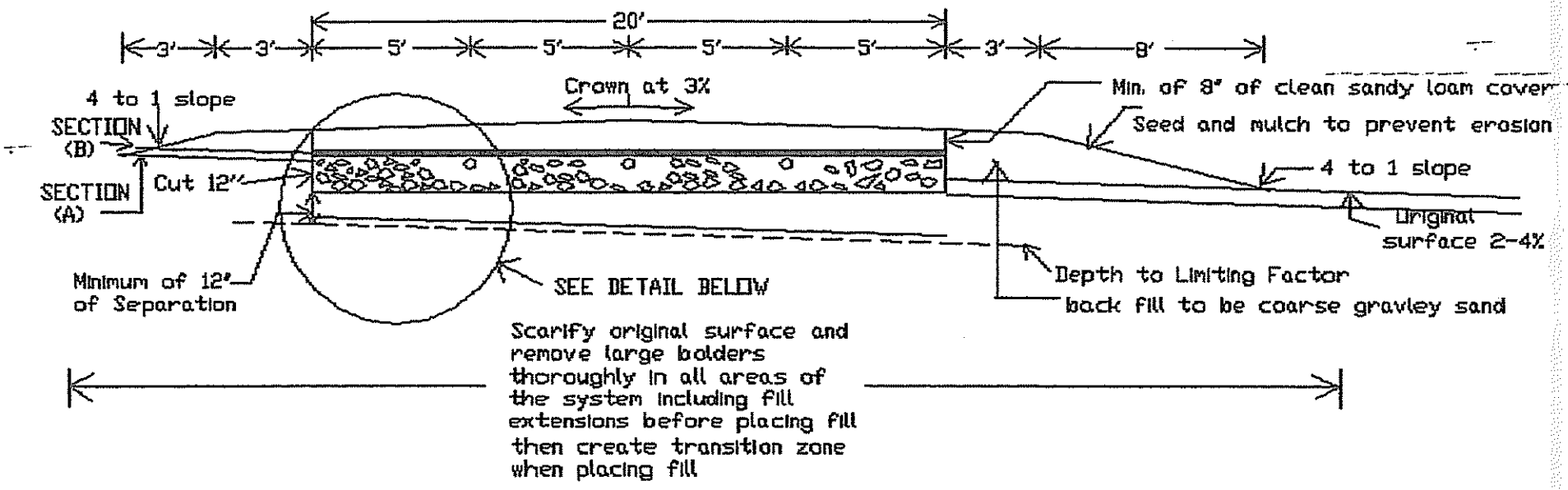
Site Evaluator Signature	SE #	Date
[signature]	241	10-27-02

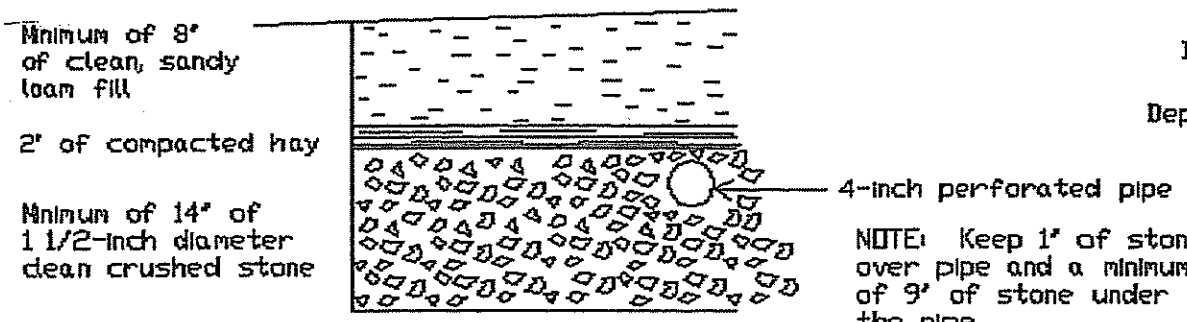
ATTACHMENT TO FORM HHE-200

Thomas Doore Page 4 of 4 10-27-02
CROSS SECTION (A)-(B)

ELEVATIONS

Reference Elevation is -0
Bottom of Disposal Area is -22"
Top of Distribution Lines is -9"





NOTE: Keep 1" of stone over pipe and a minimum of 9" of stone under the pipe

DETAIL OF BED

Depth of Fill (Upslope) = A 17" B 13"

Depth of Fill (Downslope) = C 20" D 22"

SCALE:

Vertical: 1 inch = 5 feet
Horizontal: 1 inch = 5 feet

DATE: 10-27-02

Eugene Dube S E # 241