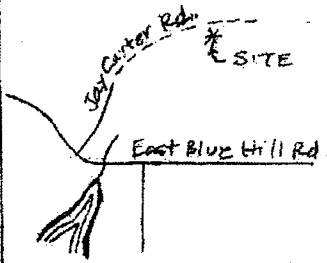


SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & 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	BLUE HILL	The Subsurface Wastewater Disposal System <i>shall not</i> be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.	
Street or Road	JAY CARTER ROAD		
Subdivision, Lot #			
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	DAVIS, ERIC	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	
Mailing Address of Owner/Applicant	P.O. BOX 948 SOUTHWEST HARBOR ME. 04679		
Daytime Tel. #	(207) 266-0417		
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 _____		Local Plumbing Inspector Signature _____ (2nd) date approved _____	
PERMIT INFORMATION			
TYPE OF APPLICATION ☐ 1. First Time System ☒ 2. Replacement System Type replaced: <u>STRAIGHT PIPE</u> Year installed: <u>1970's</u> ☐ 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 1 ± ☐ SQ. FT. ☒ ACRES	DISPOSAL SYSTEM TO SERVE ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> ☐ 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	
SHORELAND ZONING ☐ Yes ☒ No	DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)		
TREATMENT TANK ☒ 1. Concrete <u>EXISTING, CHECK CONDITION</u> ☐ a. Regular ☐ b. Low Profile ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY: <u>1000</u> 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: <u>1350</u> 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 <u>270</u> gallons per day BASED ON: ☒ 1. Table 501.1 (dwelling unit(s)) ☐ 2. Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN <u>9 / D / 3</u> at Observation Hole # <u>1</u> Depth <u>10"</u> 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	ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. <u>44° d 25' m 39" s N</u> Lon. <u>68° d 31' m 34" s W</u> # g.p.s., state margin of error: <u>80 FT.</u>
SITE EVALUATOR STATEMENT			
I certify that on <u>5-1-06</u> (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 #	_____ Date
_____ Site Evaluator Name Printed		_____ Telephone Number	_____ E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.			

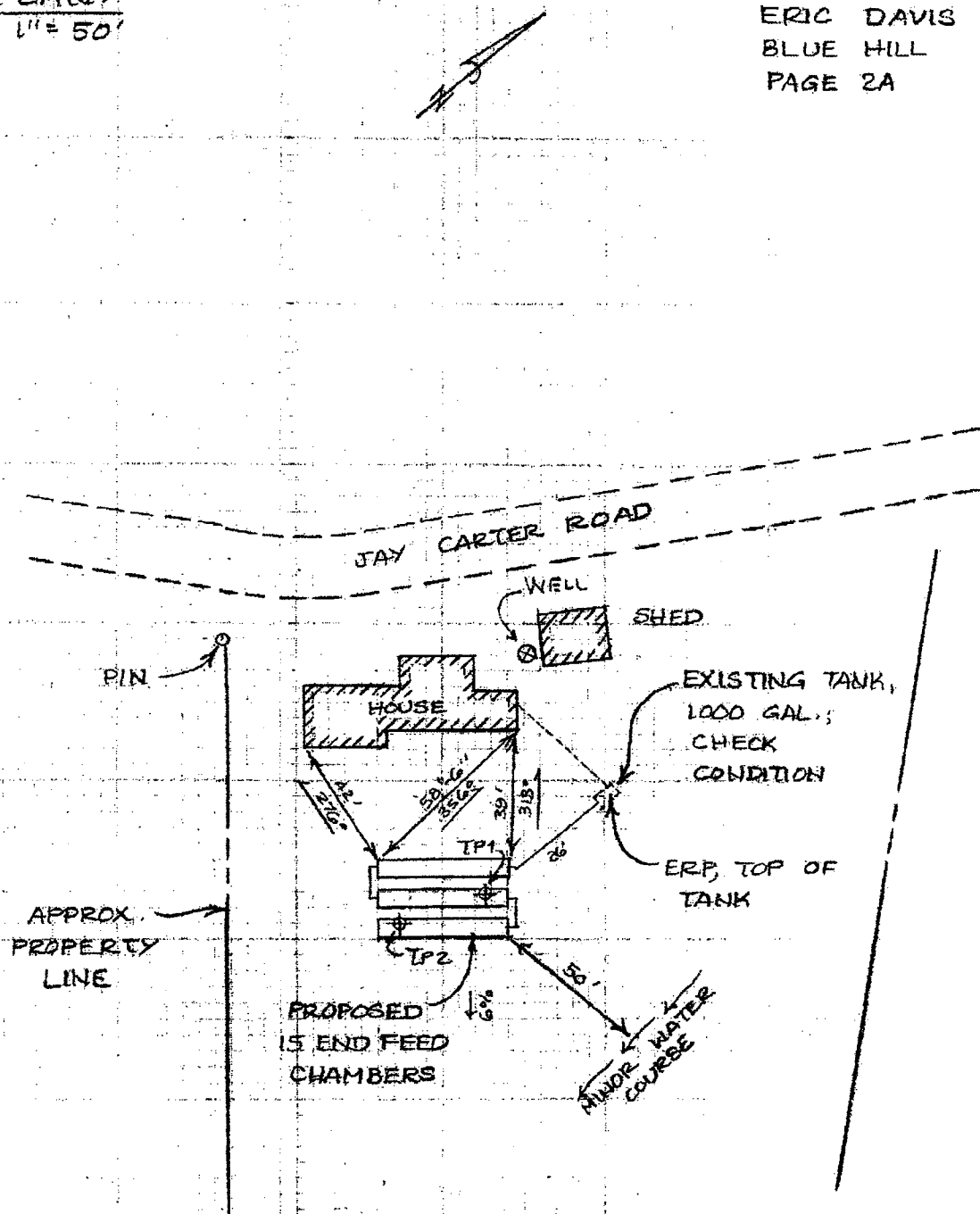
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION		Department of Human Services Division of Health Engineering (207) 287-5672 FAX (207) 287-3105
Town, City, Plantation BLUE HILL	Street, Road Subdivision JAY CARTER ROAD	Owner's Name ERIC DAVIS
SITE PLAN		Scale 1" = 50 Ft. or as shown
		SITE LOCATION PLAN (Map from Maine Atlas recommended)
		

(SEE ATTACHED SITE PLAN)

SOIL DESCRIPTION AND CLASSIFICATION					(Location of Observation Holes Shown Above)						
Observation Hole <u>#1</u> ☒ Test Pit ☐ Boring <u>1 1/2</u> " Depth of Organic Horizon Above Mineral Soil					Observation Hole <u>#2</u> ☒ Test Pit ☐ Boring <u>1 1/2</u> " Depth of Organic Horizon Above Mineral Soil						
DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling	DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling		
	0	SILTY CLAY		DARK BROWN		N.E.	0	CLAY LOAM		DARK BROWN	N.E.
	10	LOAM	FRIABLE	PALE OLIVE		FEW DISTINCT	10	TO CLAY	FRIABLE	PALE OLIVE	COMMON DISTINCT
	20	CLAY	COMPACTED				20	CLAY	COMPACTED		
	30						30				
	40						40				
	50						50				
	Soil Classification <u>9</u> <u>D</u> <u>6</u> % Profile Condition					Soil Classification <u>9</u> <u>D</u> <u>6</u> % Profile Condition					
	Limiting Factor <u>10</u> "					Limiting Factor <u>10</u> "					
	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth					☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth					
Site Evaluator Signature <u>W. A. G. Jr.</u>					Date <u>5-12-06</u>						
SE					Page 2 of 3 MHE-200 Rev. 4/05						

SITE PLAN:
SCALE: 1" = 50'

ERIC DAVIS
BLUE HILL
PAGE 2A



Will G. Leary
SITE EVALUATOR'S SIGNATURE

319
S.E.#

5-12-06
DATE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-3165

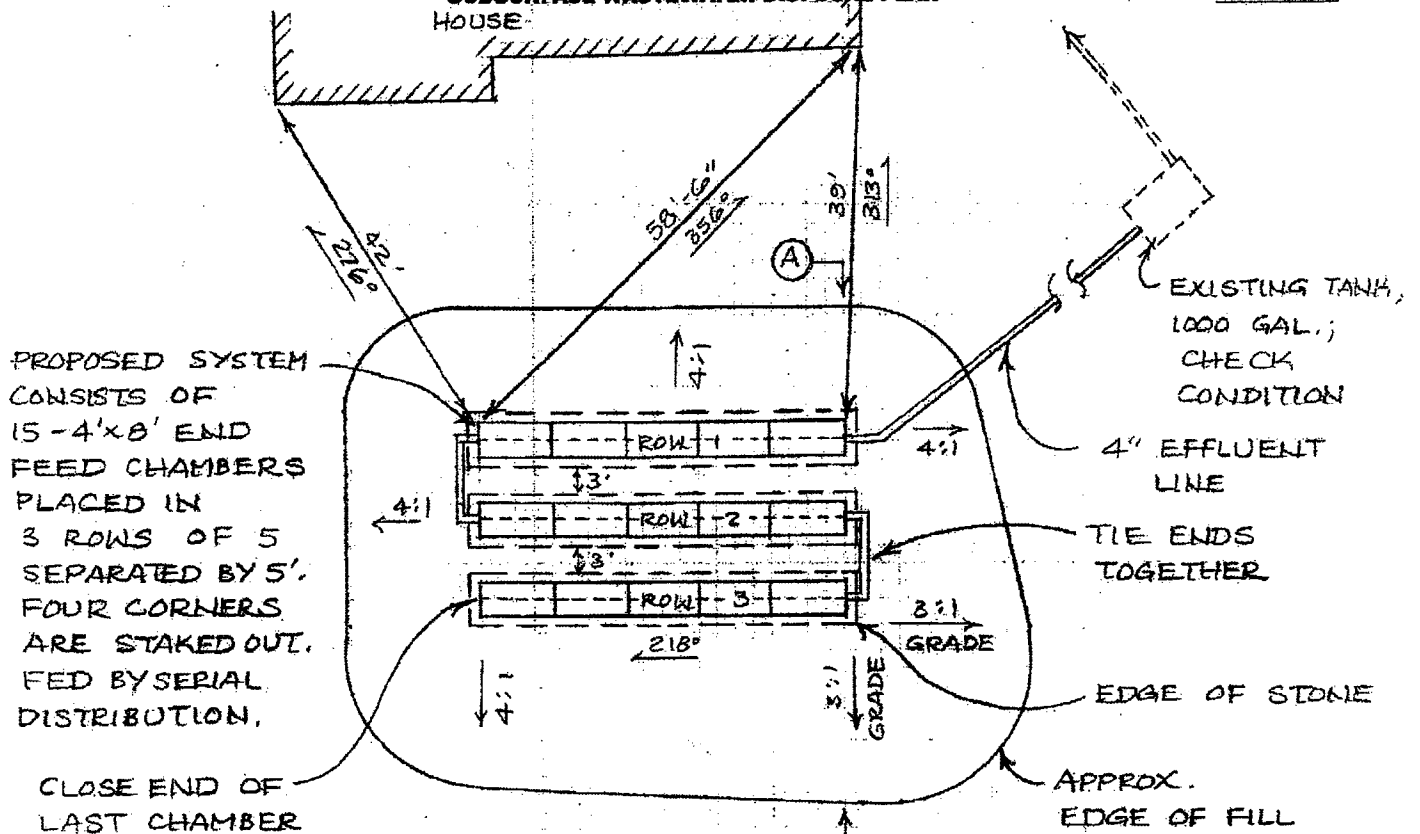
Town, City, Plantation
BLUE HILL

Street, Road, Subdivision
JAY CARTER ROAD

Owner or Applicant Name
ERIC DAVIS

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 ft.



BACKFILL REQUIREMENTS

Depth of Backfill (upslope) 32"

Depth of Backfill (downslope) 36"-56"

DEPTHS AT CROSS-SECTION (shown below)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation See

Top of Distribution Pipe or Proprietary Device attached

Bottom of Disposal Field X-sec.

ELEVATION REFERENCE POINT

Location & Description: TOP OF EXISTING SEPTIC TANK 26' FROM NORTH

Reference Elevation is: 0.0"

CORNER OF CHAMBERS

DISPOSAL FIELD CROSS-SECTION

Scales:

Vertical: 1" = 10 ft.

Horizontal: 1" = 20 ft.

(SEE ATTACHED CROSS SECTION)

Wendy A. de M...
Site Evaluator Signature

319
SE #

5-12-06
Date

Diagram illustrating the dimensions of the berm:

- Left side: 3 FT. WIDE BERM
- Inner left side: 12"
- Center: 22' (SCALE: 1" = 5')
- Inner right side: 12"
- Right side: 3 FT. WIDE BERM



**REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA.**

**BOTTOM OF CHAMBERS MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.**

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE SUBSURFACE WASTEWATER RULES, IN EFFECT AT THIS TIME.

ELEVATIONS:				
ELEV. REF. PT. (ERP):	<u>0"</u>	ROW 1	ROW 2	ROW 3
FINISHED GRADE:		<u>-28"</u>	<u>-34"</u>	<u>-40"</u>
TOP OF CHAMBERS:		<u>-39"</u>	<u>-45"</u>	<u>-51"</u>
BOTTOM OF CHAMBERS:		<u>-52"</u>	<u>-58"</u>	<u>-64"</u>

OWNER: ERIC DAVALS
LOCATION: BLUE HILL

WILLIAM A. LABELLE

319
S.E.#

5-12-06
DATE