

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	DEER ISLE	Town/City	Permit #
Street or Road	MERCHANT POINT ROAD	Date Permit Issued	Fee \$ Double Fee Charged ()
Subdivision, Lot #			L.P.I. #
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature	
Name (last, first, MI)	DER, TOW & COOK, LISA	Fee: \$ state min. fee \$ Locally adopted fee	
Mailing Address of	4 EXETER ROAD	Copy: ☐ Owner ☐ Town ☐ State	
☒ Owner ☐ Applicant	N. HAMPTON, NH 03862	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #	(312) 543-4113	Municipal Tax Map # Lot #	
email address:			
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
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.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant		Local Plumbing Inspector Signature	
Date		(1st Date Approved)	
		(2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
☒ 1. First Time System ☐ 2. Replacement System Type Replaced: _____ Year Installed: _____ ☐ 3. Expanded System ☐ a. Minor Expansion <25% ☐ b. Major Expansion ≥ 25% ☐ 4. Experimental System ☐ 5. Seasonal Conversion	☒ 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	☒ 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	DISPOSAL SYSTEM TO SERVE	TYPE OF WATER SUPPLY
7.6 sq. ft. ☒ acres	☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 4 ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: (SPECIFY) _____	☒ Proposed ☐ Existing ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other: _____
SHORELAND ZONING	Current Use: ☐ Seasonal ☐ Year Round ☒ Undeveloped	
☒ Yes ☐ No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK	DISPOSAL FIELD TYPE & SIZE	GARBAGE DISPOSAL UNIT	DESIGN FLOW
☒ 1. Concrete ☐ a. Regular OR ☐ b. Low Profile ☐ c. with lift station ☐ d. water tight ☐ e. two compartment ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY 1000 gallons	☐ 1. Stone Bed ☐ 2. Stone Trench ☒ 3. Proprietary Device 16 SIDE FEED CONCRETE CHAMBERS ☐ a. Cluster Array ☒ c. Linear ☐ b. Regular load ☐ d. H-20 load ☐ 4. Other: _____ SIZE 1232 sq. ft. ☐ lin. ft.	☐ 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	360 gallons per day BASED ON ☒ 1. Table 5A (dwelling unit(s)) ☐ 2. Table 5C (other facilities) SHOW CALCULATIONS for other facilities 4 BEDROOMS
SOIL DATA & DESIGN CLASS	DISPOSAL FIELD SIZING	EFFLUENT/EJECTOR PUMP	LATITUDE AND LONGITUDE
PROFILE CONDITION 3 / C at Observation Hole # 1 Depth 16" OF MOST LIMITING SOIL FACTOR	☐ 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	☐ 1. Not Required ☐ 2. May be Required ☒ 3. Required Specify only for engineered systems DOSE: _____ gallons	☒ 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 44° 17' 14" N Lon. 68° 39' 43" W if o.p.s., state margin of error 30' ±

SITE EVALUATOR STATEMENT

I certify that on 7-19-2024 (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 (10-144 CMR 241).

Site Evaluator Signature	319	7-24-24
WILLIAM A. LaBELLE, JR.	SE#	Date
Site Evaluator Name Printed	(207) 537-5900	labellesept@rivah.net
	Telephone Number	E-mail Address

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

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DEER ISLE

Street, Road, Subdivision
MERCHANT POINT ROAD

Owner or Applicant Name
TOM DER & LISA COOK

SITE PLAN

Scale 1" = _____ Ft.

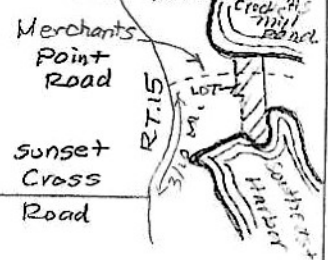
NOTES:

(SEE ATTACHED SITE PLAN)

"WATER TREATMENT SYSTEMS SHALL NOT BE CONNECTED TO THE SEPTIC SYSTEM", FOR FIRST TIME SYSTEMS.
"IF A WATER TREATMENT SYSTEM EXIST AND IS CONNECTED TO THE SEPTIC SYSTEM, IT MUST BE REMOVED FROM THE SEPTIC SYSTEM", FOR REPLACEMENT SYSTEMS.

SITE LOCATION PLAN

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



SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring
4" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE	FRIABLE	DARK	N.E.
SAUDY		YELLOWISH	
LOAM	FIRMING UP	BROWN (10YR4/6)	FIRMING UP

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile <u>3</u>	Classification <u>C</u>	Slope <u>12%</u>	Limiting Factor <u>Depth</u>	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
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Observation Hole #2 ☒ Test Pit ☐ Boring
6" Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE	FRIABLE	DARK	N.E.
SAUDY		YELLOWISH	
STONY		BROWN	FIRMING UP
LOAM	COMPACTED	(10YR4/6)	

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile <u>3</u>	Classification <u>C</u>	Slope <u>12%</u>	Limiting Factor <u>16"</u>	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth
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W. G. 3

Site Evaluator's Signature

319

S. E. #

7-24-24

Date

Town, City, Plantation
DEER ISLE

Street, Road, Subdivision
MERCHANT POINT ROAD

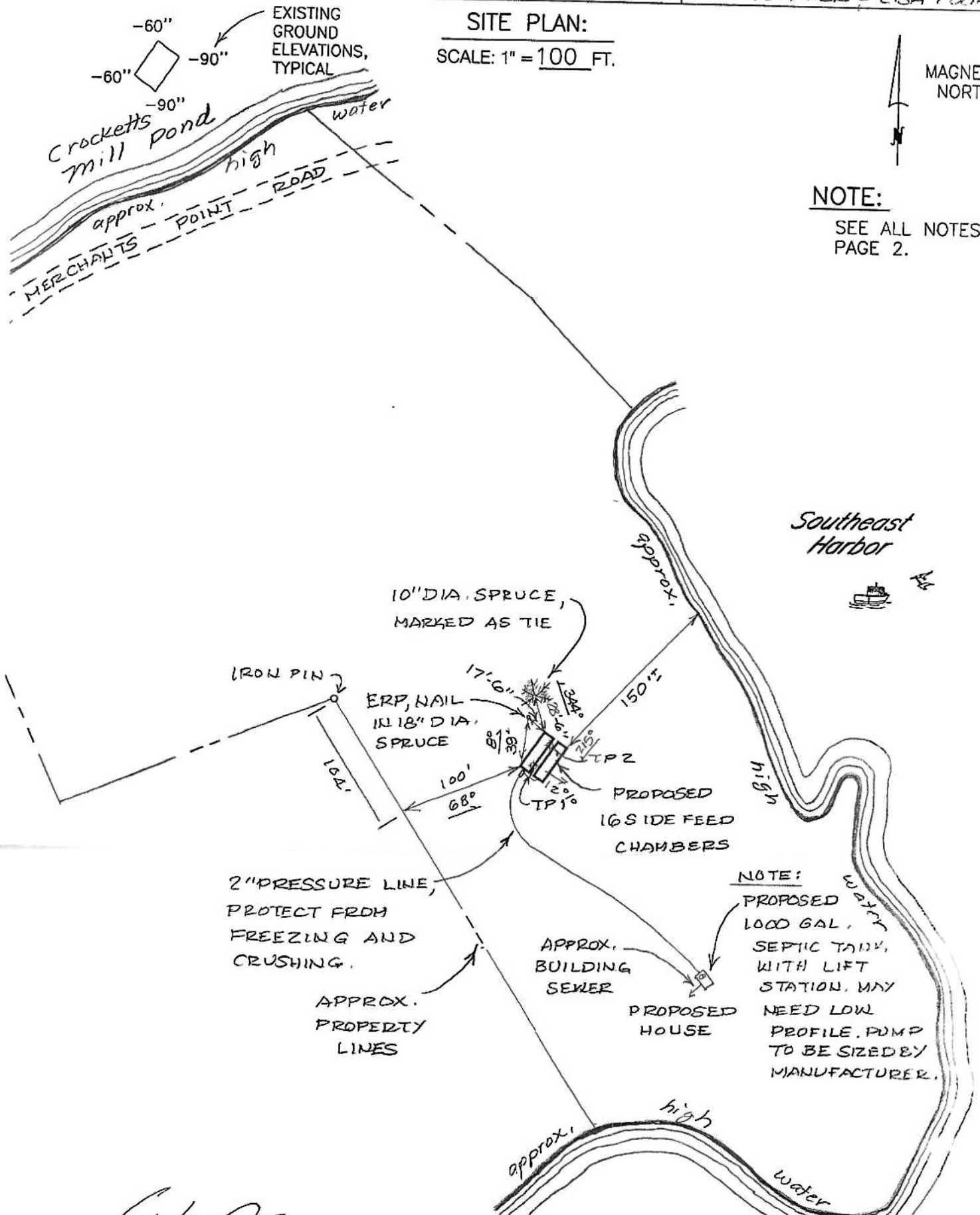
Owner or Applicant Name
TOM DER & LISA COOK

SITE PLAN:
SCALE: 1" = 100 FT.

MAGNETIC
NORTH

NOTE:

SEE ALL NOTES
PAGE 2.



Site Evaluator's Signature

S.E. #

Date

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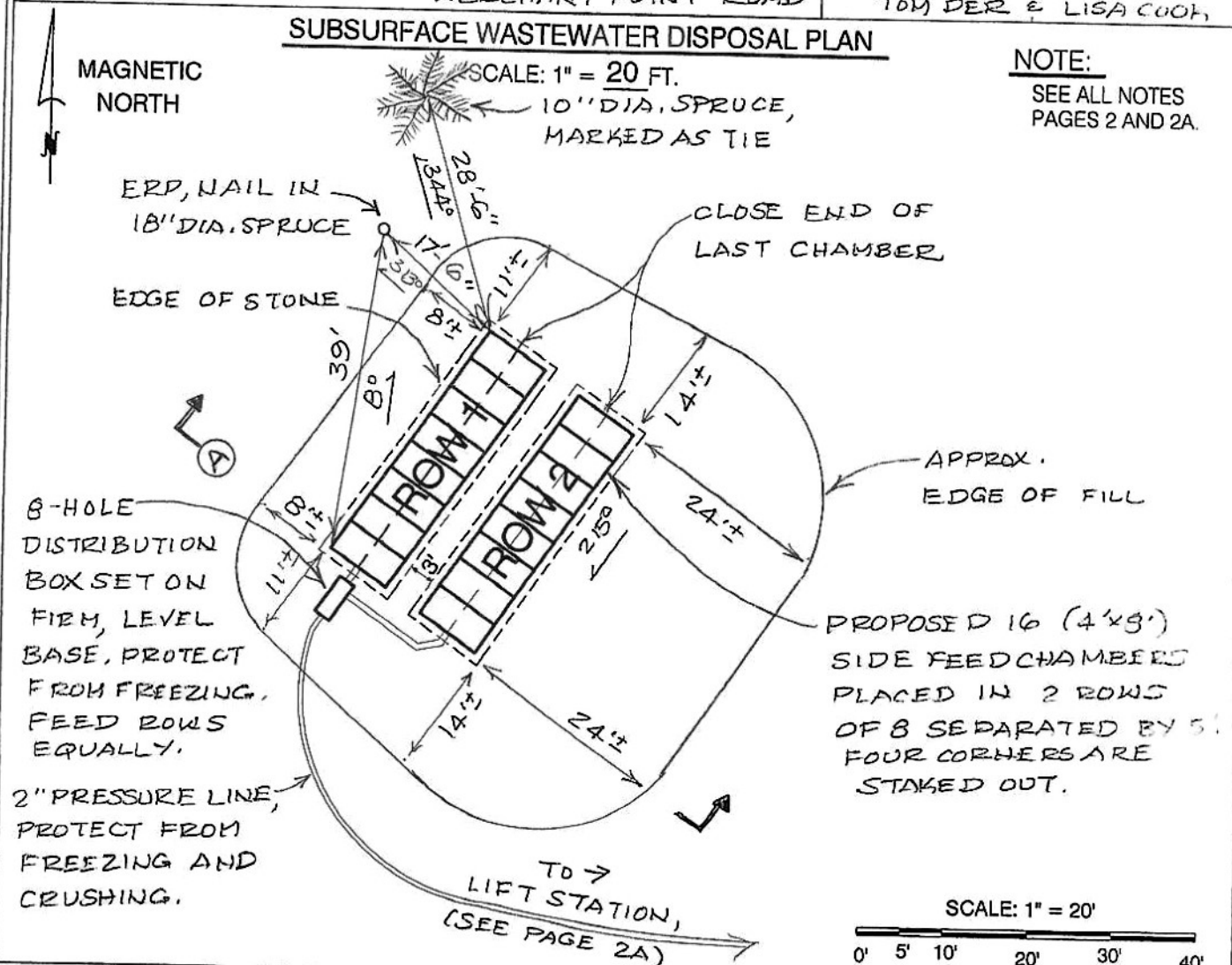
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SUBSURFACE WASTEWATER DISPOSAL PLAN

NOTE:
SEE ALL NOTES
PAGES 2 AND 2A.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	23' 1/2"	Finished Grade Elevation		(See)		Location & Description
Depth of Backfill (Downslope)	33"	Top of Distribution Pipe or Proprietary Device	attached	N/A		ABOVE GROUND IN 2"
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	X-sec.			18" DIA. SPRUCE.
						Reference Elevation is: 0"

NOTES:

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 50' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands, water bodies and water courses must be done in compliance with Section 13 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install water tight, 18" dia. risers to finished grade on all covers of tank(s) and separate pump tanks.
6. Protect lift stations, pump tanks and 2" pressure lines from freezing.
7. Full basement below grade foundation must be 20' minimum from edge of disposal field and no full basement, slab, frost wall, columns or posts must be 15' minimum from edge of disposal field.

Site Evaluator's Signature

319

S.E. #

7-24-24

Date

3 FT. WIDE BERM

12"

21'

12"

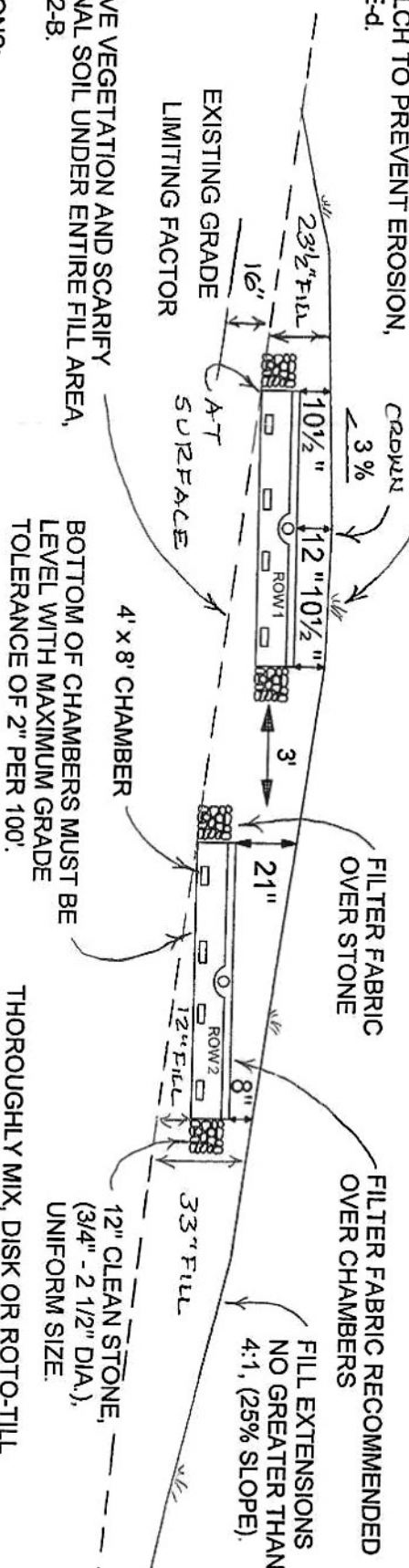
3 FT. WIDE

SCALE: 1" = 5'

SCALE: 1" = 5'

FILL MATERIAL SHALL BE 8"-12" THICK OVER CHAMBERS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 12-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 12-E-d.



ELEV. REF. PT. (ERP):

$$\begin{array}{r} \text{ROW 1} \\ - 35'' \\ \hline \text{CROW} \end{array} \quad \begin{array}{r} \text{ROW 2} \\ - 57'' \text{ MID.} \\ \hline \end{array}$$

BOTTOM OF CHAMBERS:

OWNER: TOM DER & LISA COOK
LOCATION: DEER ISLE

LOCATION: DEER ISLE

SCALE: 1" = 5'

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRATOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 12 OF SAID RULES.

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 6 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 12-B.

DOC24

WILLIAM A. LABELLE, JR

S.E.#

DATE _____