

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	MT. DESERT	Town/City _____	Permit # _____
Street or Road	OAK HILL ROAD	Date Permit Issued ___/___/___	Fee \$ _____ Double Fee Charged ()
Subdivision, Lot #			L.P.I. # _____
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature _____	
Name (last, first, MI)	BERLIN, GERALD <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	Fee: \$ _____ state min. fee \$ _____	Locally adopted fee _____
Mailing Address of <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	181 OAK HILL ROAD MT. DESERT, ME. 04660	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input type="checkbox"/> State	
Daytime Tel. #	(207) 610-4174	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.	
email address:		Municipal Tax Map # _____	Lot # _____
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 _____ Date _____		Local Plumbing Inspector Signature _____ (1st Date Approved) _____	
		Local Plumbing Inspector Signature _____ (2nd Date Approved) _____	

PERMIT INFORMATION		
TYPE OF APPLICATION <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENT(S) <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components _____
SIZE OF PROPERTY _____ sq. ft. <input type="checkbox"/> 2.75 acres <input checked="" type="checkbox"/> SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: <u>3</u> <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____ Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> c. with lift station <input type="checkbox"/> d. water tight <input type="checkbox"/> e. two compartment <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY <u>1000</u> gallons	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <u>12 SIDE FEED CONCRETE CHAMBERS</u> <input type="checkbox"/> a. Cluster Array <input checked="" type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE <u>924</u> sq. ft. <input type="checkbox"/> lin. ft.	GARBAGE DISPOSAL UNIT <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	DESIGN FLOW <u>270</u> gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities _____ <input type="checkbox"/> 3. Section 4G (meter reading(s)) ATTACH WATER METER DATA LATITUDE AND LONGITUDE: at center of disposal area Lat. <u>44° 22' m 22.1</u> N Lon. <u>68° d 21' m 27.3</u> W If g.p.s., state margin of error: <u>2.0</u>
SOIL DATA & DESIGN CLASS PROFILE CONDITION <u>31C</u> at Observation Hole # <u>2</u> Depth <u>18</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input checked="" type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	EFFLUENT/EJECTOR PUMP <input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	

SITE EVALUATOR STATEMENT			
I certify that on <u>4-15-2021</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 <u>William A. LaBelle, Jr.</u> Site Evaluator Name Printed	SE# <u>319</u> Telephone Number <u>(207) 537-5900</u>	Date <u>4-22-21</u> E-mail Address <u>labelleseptc@rivah.net</u>	

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Town, City, Plantation
MT, DESERT

Street, Road, Subdivision
OAK HILL ROAD

Owner or Applicant Name
GERALD BERLIN

SITE PLAN

Scale 1" = _____ Ft.

(SEE ATTACHED SITE PLAN)

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
2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		VERY DARK GRAYISH BROWN (10YR3/2)	
STONY	FRIABLE	DARK YELLOWISH BROWN	N.E.
LOAM	FIRM	(10YR3/6)	

Observation Hole #2 Test Pit Boring
2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		VERY DARK GRAYISH BROWN (10YR3/2)	
STONY	FRIABLE	DARK YELLOWISH BROWN	N.E.
LOAM	FIRM	(10YR3/4)	

Soil Profile <u>3</u>	Classification <u>C</u>	Slope <u>3%</u>	Limiting Factor <u>22"</u> Depth	<input type="checkbox"/> Ground Water Restrictive Layer
	Condition		<input type="checkbox"/> Bedrock	<input type="checkbox"/> Pit Depth

Soil Profile <u>3</u>	Classification <u>C</u>	Slope <u>1%</u>	Limiting Factor <u>18"</u> Depth	<input type="checkbox"/> Ground Water Restrictive Layer
	Condition		<input type="checkbox"/> Bedrock	<input type="checkbox"/> Pit Depth

W. C. Lett
 Site Evaluator's Signature

319
 S. E. #

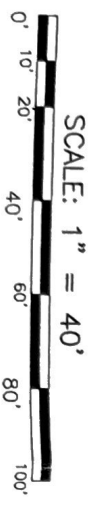
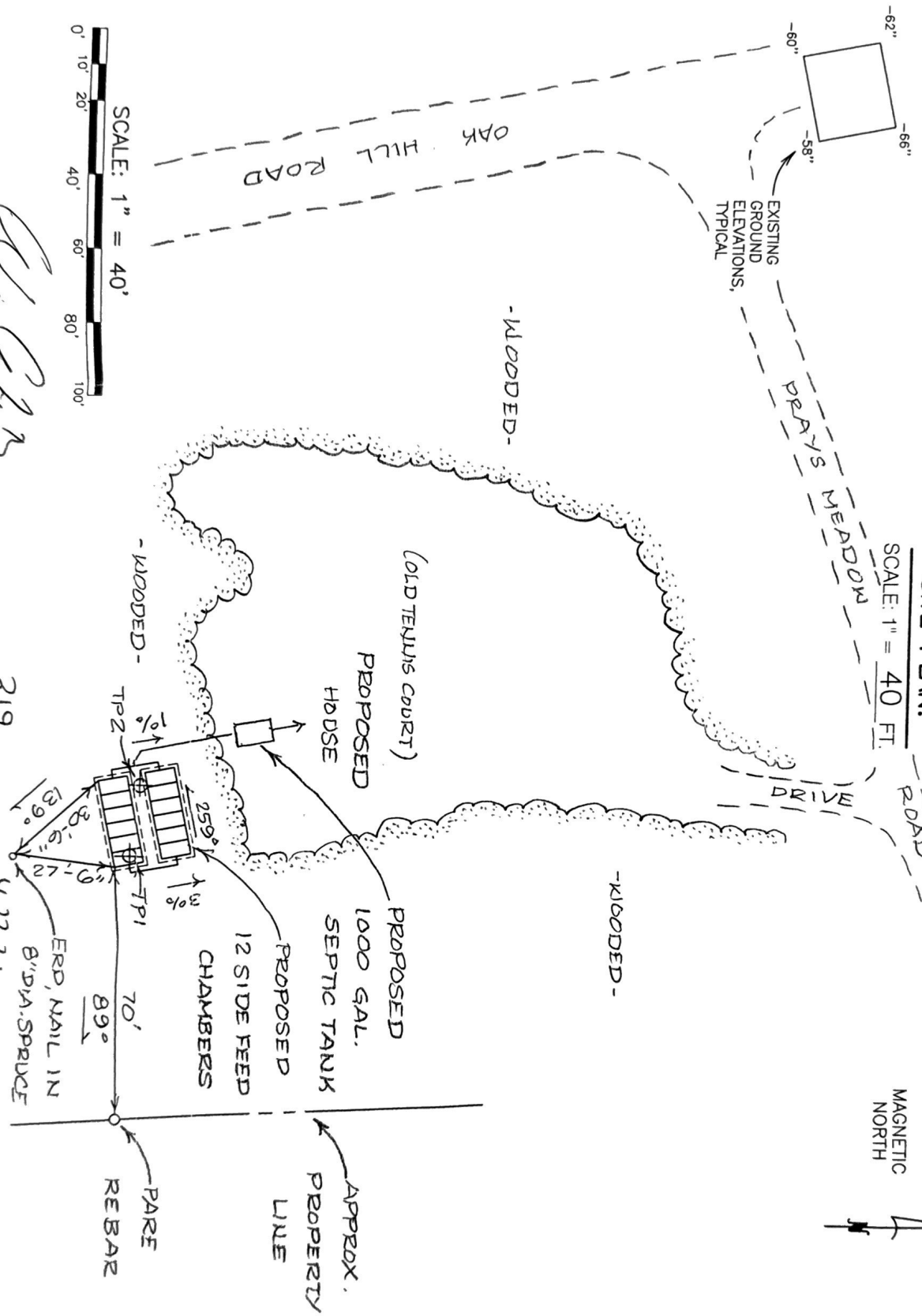
4-22-21
 Date

Town, City, Plantation MT, DESERT	Street, Road, Subdivision OAK HILL ROAD	Owner or Applicant Name GERALD BERLIN
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SITE PLAN:

SCALE: 1" = 40 FT.

MAGNETIC NORTH



Site Evaluator's Signature

[Handwritten Signature]

S.E. #

319

Date

4-22-21

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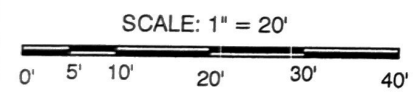
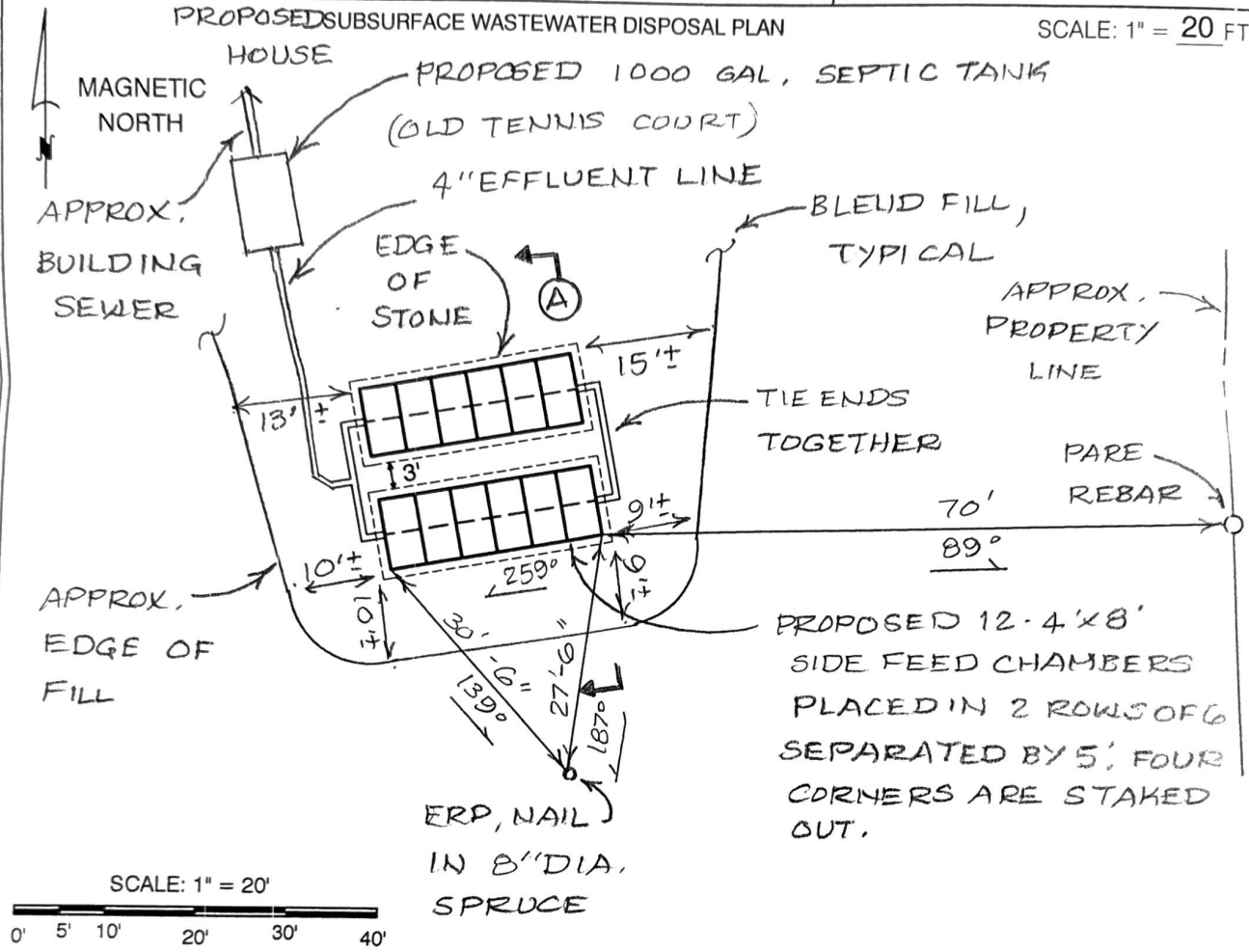
Town, City, Plantation
MT. DESERT

Street, Road, Subdivision
OAK HILL ROAD

Owner or Applicant Name
GERALD BERLIN

PROPOSED SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	30' 2" - 34' 2"	Finished Grade Elevation	MIN. -39"			Location & Description NAIL 32"
Depth of Backfill (Downslope)	19' - 21"	Top of Distribution Pipe or Proprietary Device	-47"		N/A	ABOVE GROUND IN AN 8" DIA. SPRUCE
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	-60"			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 51' 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 12 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 risers of appropriate size to within 6" of finished grade on tank inlet, cleanout and outlet covers (recommend all to finish grade). Install water tight risers of appropriate size to finish grade on outlet tank covers, which house a filter, in-tank pump chambers and separate pump tanks. (Section 6-F of the subsurface code).
 6. Full basement below grade foundation or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

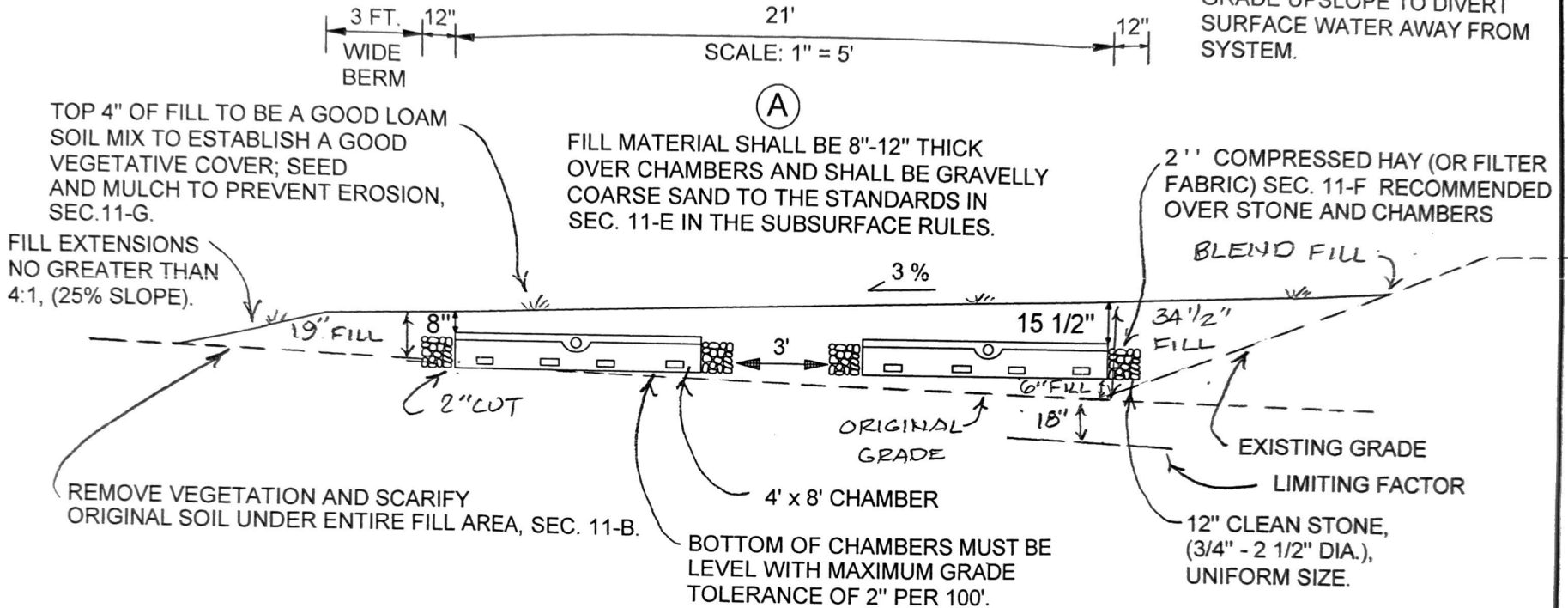
G. A. [Signature]
Site Evaluator's Signature

319
S.E. #

4-22-21
Date

DISPOSAL AREA CROSS SECTION

NOTE:
GRADE UPSLOPE TO DIVERT
SURFACE WATER AWAY FROM
SYSTEM.



TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 11-G.

FILL MATERIAL SHALL BE 8"-12" THICK OVER CHAMBERS AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F RECOMMENDED OVER STONE AND CHAMBERS

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

BLEND FILL

REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER ENTIRE FILL AREA, SEC. 11-B.

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

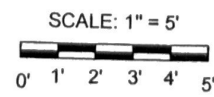
ELEVATIONS:

ELEV. REF. PT. (ERP):	0"
FINISHED GRADE:	-39" MIN.
TOP OF CHAMBERS:	-47"
BOTTOM OF CHAMBERS:	-60"

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 6 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

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 11 OF SAID RULES.

OWNER: GERALD BERLIN
LOCATION: MT. DESERT



W. A. LaBelle, Jr.
WILLIAM A. LaBELLE, JR.

319
S.E.#

4-22-21
DATE