

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	Naples	Town/City <u>Naples</u>	Permit # _____
Street or Road	236 Roosevelt Trail	Date Permit Issued: ____/____/____	Fee: \$ _____ Double Fee Charged ☐
Subdivision, Lot #		L.P.I. # _____	
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature	
Name (last, first, MI)	Owner ☒ Applicant ☒	Fee: \$ _____ state min fee \$ _____ Locally adopted fee _____	
Mailing Address of	P.O. Box 524	Copy: ☐ Owner ☐ Town ☐ State	
Owner/Applicant	Naples, Maine 04055	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 this application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #	(603) 548-5223	Municipal Tax Map # <u>5</u> Lot # <u>24-1A</u>	
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 the Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant <u>1-20-23</u> Date		Local Plumbing Inspector Signature _____ (1st) date approved _____	

PERMIT INFORMATION			
TYPE OF APPLICATION ☒ 1. First Time System ☐ 2. Replacement System Type replaced: _____ Year installed: _____ ☐ 3. Expanded System a. <25% Expansion b. ≥25% 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 1.58 ☐ SQ. FT. ☒ ACRES	DISPOSAL SYSTEM TO SERVE ☐ 1. Single Family Dwelling Unit, No. of Bedrooms: _____ ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: <u>Warehouse with shower</u> (specify) Current Use ☐ Seasonal ☐ Year Round ☒ Undeveloped	TYPE OF WATER SUPPLY ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other <u>PROPOSED</u>	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK ☒ 1. Concrete a. Regular b. Low Profile ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY: <u>750</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>450</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>120</u> gallons per day BASED ON: ☐ 1. Table 4A (dwelling unit(s)) ☒ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities <u>WAREHOUSE + SHOWER</u> ☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA
SOIL DATA & DESIGN CLASS PROFILE <u>3</u> CONDITION <u>C</u> at Observation Hole # <u>1</u> Depth <u>17"</u> of Most Limiting Soil Factor	DISPOSAL FIELD SIZING ☐ 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	EFFLUENT/EJECTOR PUMP ☒ 1. Not Required ☐ 2. May Be Required ☐ 3. Required Specify only for engineered systems: DOSE: _____ gallons	LATITUDE AND LONGITUDE at center of disposal area Lat. <u>43</u> d <u>57</u> m <u>47.471</u> s Lon. <u>070</u> d <u>34</u> m <u>28.817</u> s if g.p.s, state margin of error: <u>5</u>

SITE EVALUATOR STATEMENT			
I certify that on <u>April 14, 2022</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).			
<u>Mark R Hyland</u> Site Evaluator Signature Mark R Hyland Site Evaluator Name Printed	<u>190</u> SE # <u>(207) 998-2893</u> Telephone Number	<u>6/28/2022</u> Date <u>markrhyland@gmail.com</u> E-mail Address	

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

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Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation

Street, Road, Subdivision

Owner's Name

NAPLES

236 ROOSEVELT TRAIL

DENIS LALIBERTE

SITE PLAN

Scale 1" = 40' ft. or as shown

SITE LOCATION PLAN

Map from Maine Atlas recommended

- DRILLED WELL TO BE GREATER THAN 100' FROM SEPTIC SYSTEM.

DRIVEWAY

NORTH

PARKING

OFFICE

EDGE OF CLEARED AREA

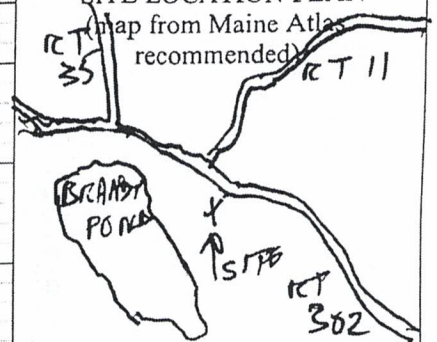
75'

W/F MARSTONS TREE SERVICE INC.

ERICP

NAIL IN WHITE PINE TREE

5' ABOVE TOP OF TPA AND 38" ABOVE GRADE



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

Observation Hole 1 ☒ Test Pit ☐ Boring
0" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0 SANDY F		10YR 4/2	
10 LOAM	R	10YR 4/6	
↓		DARK YELLOWISH BROWN	
20 LOAMY	B	10YR 6/6	COMMON
30 SAND	L	10YR 6/2	RED
(ANG COARSE FRAG)	FIRM	LIGHT GRAYISH BROWN	MOTTLES
40			
50			

Observation Hole ☐ Test Pit ☐ Boring
" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0			
10			
20			
30			
40			
50			

Soil Classification
3 C
Profile Condition

Slope
8%

Limiting Factor
17"

☒ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

Soil Classification

Profile Condition

Slope
_____%

Limiting Factor
____"

☐ Ground Water
☐ Restrictive Layer
☐ Bedrock
☐ Pit Depth

Site Evaluator Signature

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SE #

6-24-2022

Date

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Town, City, Plantation

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Owner's Name

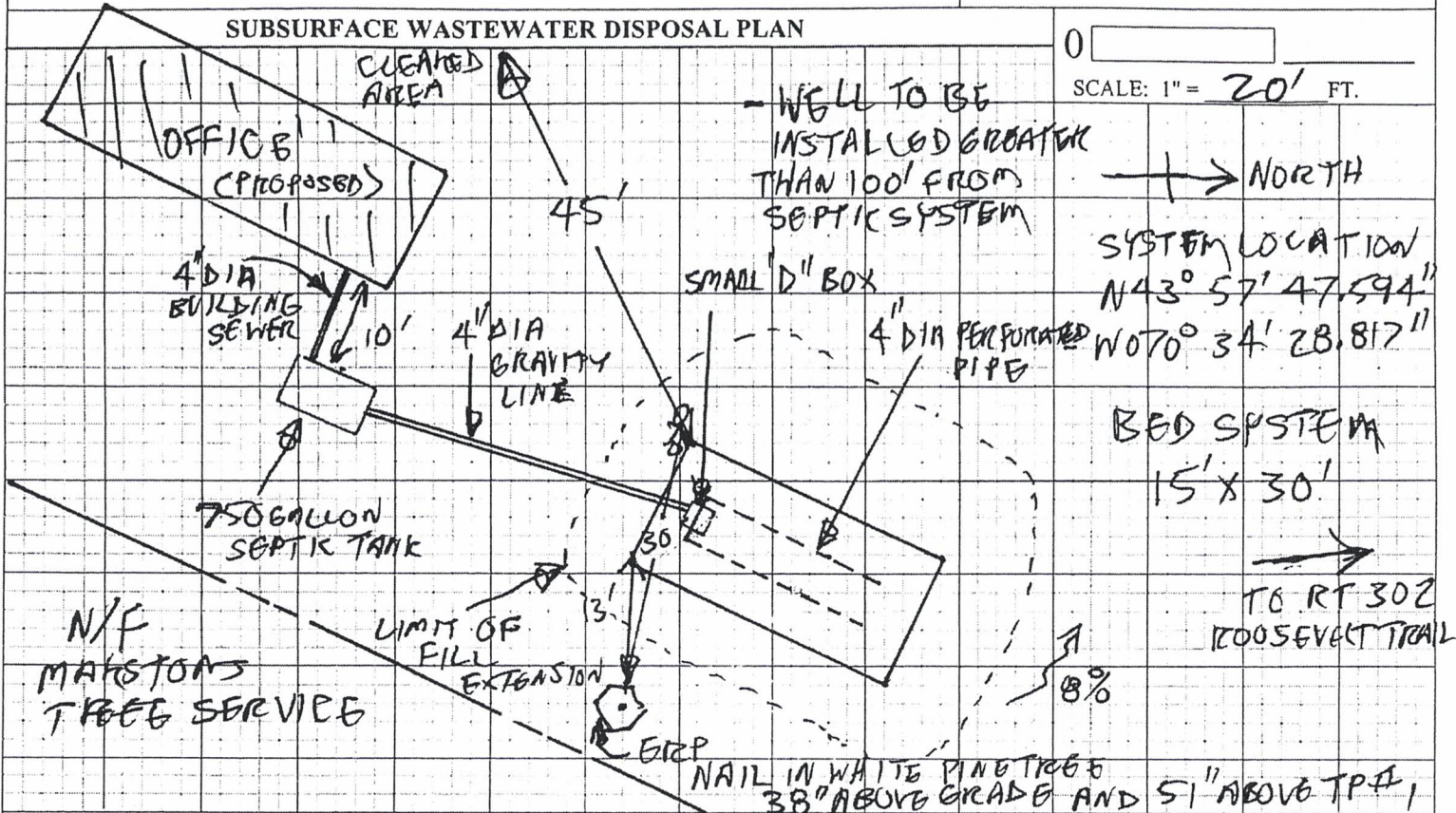
NAPLES

236 ROOSEVELT TRAIL

DENIS LALIBERTÉ

SUBSURFACE WASTEWATER DISPOSAL PLAN

0
SCALE: 1" = 20' FT.



FILL REQUIREMENTS

CONSTRUCTION ELEVATIONS

ELEVATION REFERENCE POINT

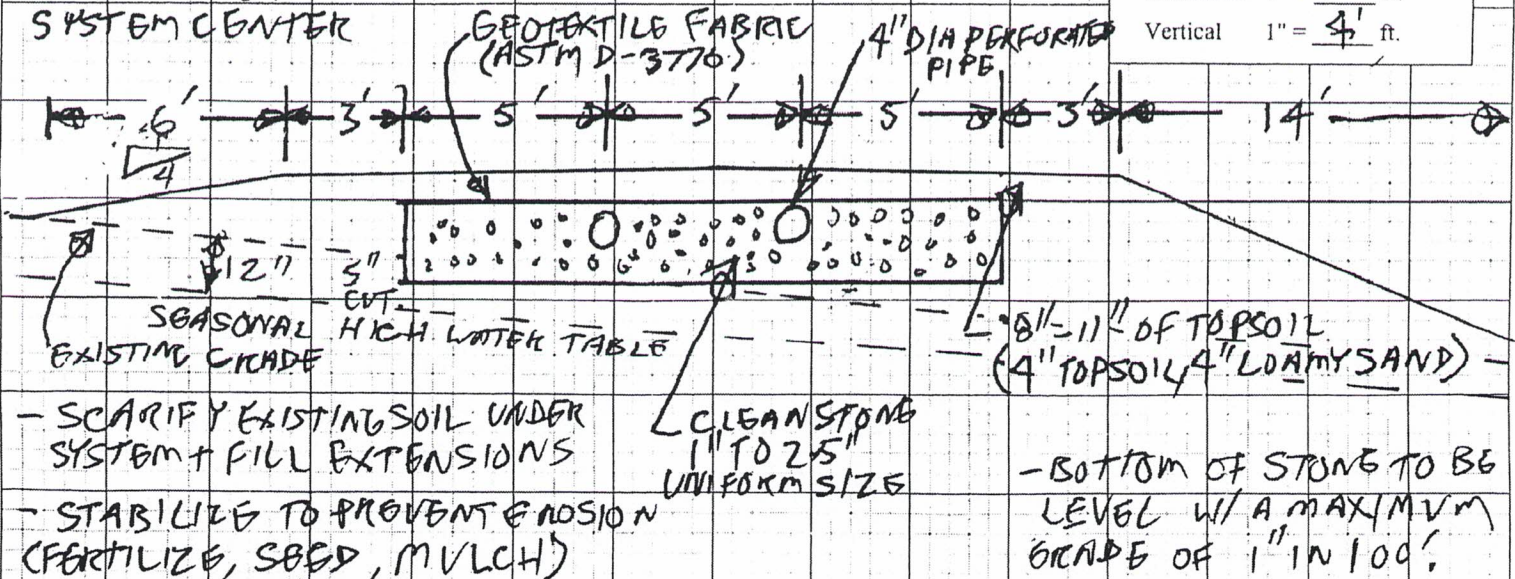
Depth of Fill (Upslope)	19"	Finished Grade Elevation	-32"	Location & Description	ERP IS NAIL IN WHITE PINE 51" ABOVE TPA
Depth of Fill (Downslope)	32"	Top of Distribution Pipe or Proprietary Device	-44"	Reference Elevation	0.0"
		Bottom of Disposal Area	-56"		

- CROWN FINISH
GRADE 3% FROM
SYSTEM CENTER

DISPOSAL AREA CROSS SECTION

Scale

Horizontal 1" = 5' ft.
Vertical 1" = 4' ft.



- SCARIFY EXISTING SOIL UNDER SYSTEM + FILL EXTENSIONS
- STABILIZE TO PREVENT EROSION (FERTILIZE, SEED, MULCH)

- BOTTOM OF STONE TO BE LEVEL W/ A MAXIMUM GRADE OF 1" IN 100'

MH FR JW

190

6-28-2022

Attachment to the HHE-200

- 1) Construction to conform with "State of Maine Subsurface Wastewater Disposal Rules".
- 2) Property lines shown on plans are as provided by owner, agent, or municipality. No guarantee of accuracy is implied.
- 3) Remove organic material and scarify area under leachfield and fill extensions.
- 4) A transition horizon at least 4" thick shall be created below the system by roto-tilling gravelly coarse sand into the soil.
- 5) Unless otherwise specified, all fill will be loamy sand or coarser with sufficient fines for adequate compaction. Fill to be compacted in 9" lifts.
- 6) Septic tanks and pump stations shall be installed watertight to prevent infiltration of ground and surface water.
- 7) Force mains, pump stations, pressurized piping, and gravity piping subject to freezing shall be adequately insulated.
- 8) Unless otherwise specified, septic tanks to be located a minimum of 8', and drainfield to be located a minimum of 20' from proposed or existing homes or buildings.
- 9) A septic tank outlet filter is recommended.
- 10) If a replacement system with a new tank, the old tank shall be filled with soil or removed. If the existing tank is to be used it must be thoroughly inspected for condition.
- 11) Unless otherwise specified, this plan does not allow placement of pumps between the wastewater source and the septic tank.
- 12) Water from gutters, driveways, walks and other surface water to be diverted away from the system.
- 13) Loam, fertilize, seed, and mulch all disturbed areas to prevent erosion and facilitate runoff.
- 14) Unless otherwise specified, keep traffic heavier than a small lawn tractor away from all components of the system.
- 15) Keep sanitary napkins, baby wipes, coffee grounds, paper towels, cigarette butts, grease, and non-biodegradables out of the system.
- 16) Unless otherwise specified, proposed wells shall be located greater than 100' from the disposal system, including the tank.
- 17) Many times it is impossible to locate existing water supplies. Property owner assumes responsibility for proper setback to any unknown water supplies.
- 18) Installer shall consult State of Maine approved installation manuals for proprietary devices.
- 19) Small trees should be kept at least 10' and large trees 20' from the system to prevent root infiltration.