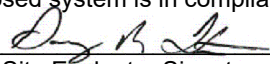


## SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services  
Division of Environmental Health, 11 SHS  
(207) 287-5672 Fax: (207) 287-4172

<b>PROPERTY LOCATION</b>		<b>&gt;&gt; CAUTION: LPI APPROVAL REQUIRED &lt;&lt;</b>	
City, Town, or Plantation	WINDHAM	Town/City _____	Permit # _____
Street or Road	QUARRY TERRACE	Date Permit Issued ____/____/____	Fee: \$ _____ Double Fee Charged [ ]
Subdivision, Lot #	QUARRY RIDGE BUSINESS PARK, LOT 3A	L.P.I. # _____	
<b>OWNER/APPLICANT INFORMATION</b>		Local Plumbing Inspector Signature _____	
Name (last, first, MI) <b>DWIGHT INVESTMENTS, LLC</b> <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant Mailing Address of Owner/Applicant <b>1130 JAMES JACK LANE</b> <b>CHARLOTTE, NC 29277</b> Daytime Tel. # <b>(704) 962-0020</b>		<input type="checkbox"/> Owner <input type="checkbox"/> Town <input type="checkbox"/> State 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.	
		Municipal Tax Map # _____ Lot # _____	
<b>OWNER OR APPLICANT STATEMENT</b>		<b>CAUTION: INSPECTION REQUIRED</b>	
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 _____		I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. _____ Local Plumbing Inspector Signature (1st) Date Approved _____ _____ Local Plumbing Inspector Signature (2nd) Date Approved _____	
<b>PERMIT INFORMATION</b>			
<b>TYPE OF APPLICATION</b> <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. <25% Expansion <input type="checkbox"/> b. >25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<b>THIS APPLICATION REQUIRES</b> <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	<b>DISPOSAL SYSTEM COMPONENTS</b> <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	
<b>SIZE OF PROPERTY</b> <b>1.84±</b> <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	<b>DISPOSAL SYSTEM TO SERVE</b> <input type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: _____ <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input checked="" type="checkbox"/> 3. Other: <b>25 EMPLOYEES WITH NO SHOWERS</b> (specify) Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped		
<b>SHORELAND ZONING</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>TYPE OF WATER SUPPLY</b> <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input checked="" type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other		
<b>DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)</b>			
<b>TREATMENT TANK</b> <input checked="" type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: <b>1,000</b> GAL.	<b>DISPOSAL FIELD TYPE &amp; SIZE</b> <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. Cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE: <b>1,000</b> <input checked="" type="checkbox"/> sq. ft. <input type="checkbox"/> lin. ft.	<b>GARBAGE DISPOSAL UNIT</b> <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	<b>DESIGN FLOW</b> <b>300</b> 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 <b>25 EMPLOYEES @ 12 GPD</b> <input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA
<b>SOIL DATA &amp; DESIGN CLASS</b> PROFILE <b>12(3)</b> CONDITION <b>Alli</b> at Observation Hole # <b>TP-3</b> Depth <b>30</b> " of Most Limiting Soil Factor	<b>DISPOSAL FIELD SIZING</b> <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	<b>EFFLUENT/EJECTOR PUMP</b> <input type="checkbox"/> 1. Not Required <input checked="" type="checkbox"/> 2. May Be Required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ GAL.	<b>LATITUDE AND LONGITUDE</b> at center of disposal area Lat. <b>43</b> d <b>51</b> m <b>47.9</b> s Lon. <b>-70</b> d <b>27</b> m <b>10.5</b> s
<b>SITE EVALUATOR STATEMENT</b>			
I certify that on <b>9-1-20</b> (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		<b>355</b> SE #	<b>10-9-2020</b> Date
Gary M. Fullerton Site Evaluator Name Printed		(207) 200-2063 Telephone Number	gfullerton@sebagotechnics.com E-mail Address
<b>Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.</b>			

**SEBAGO**  
TECHNICS  
WWW.SEBAGOTECHNICS.COM

Town, City, Plantation  
WINDHAM

Street, Road, Subdivision  
QUARRY RIDGE BUSINESS PARK, LOT 3A

Owner or Applicant Name DWIGHT INVESTMENTS, LLC
--

IPF = IRON PIN FOUND  
TP = TEST PIT      B = BORING

Scale 1" = 60 FT.

A diagram of a magnetic needle. The needle is a black arrow pointing towards the top-left, labeled 'N' for North. The word 'MAGNETIC' is written vertically along the needle's shaft.

# ENTERPRISE DRIVE

PROPOSED  
PAVEMENT  
(APPROX.)

## PROPOSED COMMERCIAL STRUCTURE

PROPOSED—  
DISPOSAL FIELD

PROPERTY-  
BOUNDARY

(Location of Observation Holes Shown Above)

Observation Hole TP-3      ☒ Test pit    ☐ Boring

Observation Hole \_\_\_\_\_ ☐ Test pit ☐ Boring

0 " Depth of Organic Horizon Above Mineral Soil

\_\_\_\_\_ " Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
SANDY LOAM FILL	FRIABLE TO FIRM	2.5Y 5/3 LIGHT OLIVE BROWN	NONE OBSERVED
LEDGE VARIES 30" TO 40"			

Soil Classification <b>12(3)</b> Profile	<b>AIII</b> Condition	Slope <b>0-3</b> %	Limiting Factor <b>30</b> "	<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input checked="" type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
--	--------------------------	-----------------------	--------------------------------	--

Figure 1 is a line graph showing the depth below mineral soil surface (inches) versus four soil properties: Texture, Consistency, Color, and Mottling. The y-axis ranges from 0 to 50 inches. The x-axis has four categories. A diagonal line starts at (Texture, 50) and ends at (Mottling, 0).

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

Site Evaluator Signature

355  
SE #

10-9-2020  
Date

## SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Town, City, Plantation  
WINDHAMStreet, Road, Subdivision  
QUARRY RIDGE BUSINESS PARK, LOT 3AOwner or Applicant Name  
DWIGHT INVESTMENTS, LLCERP= ELEVATION REFERENCE POINT  
IPF = IRON PIN FOUND

## SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 30FT.

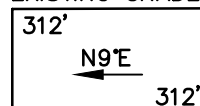
## PROPOSED DISPOSAL FIELD

25' X 40' STONE BED

## NOTES

1. ALLOW FOR POSITIVE DRAINAGE AROUND THE DISPOSAL FIELD.
2. REMOVE ALL VEGETATION AND SCARIFY THE AREA UNDER THE DISPOSAL FIELD, SHOULDER, AND FILL EXTENSION.
3. IF A GARBAGE DISPOSAL IS USED, THEN CHANGES TO THIS DESIGN ARE NECESSARY.
4. CONTRACTOR SHALL REMOVE ALL FILL BENEATH AND 5 FEET AROUND DISPOSAL FIELD DOWN TO LEDGE AND REPLACE WITH GRAVELLY COARSE SAND DUE TO COMPACTED SOILS.

## EXISTING GRADES



NOTE: ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE MAINE SUBSURFACE WASTEWATER DISPOSAL RULES DATED 08/15, AS AMENDED, AND SUPPLEMENTED BY THE ATTACHED GENERAL NOTES WHICH BECOME A PART OF THIS DESIGN.

## BACKFILL REQUIREMENTS

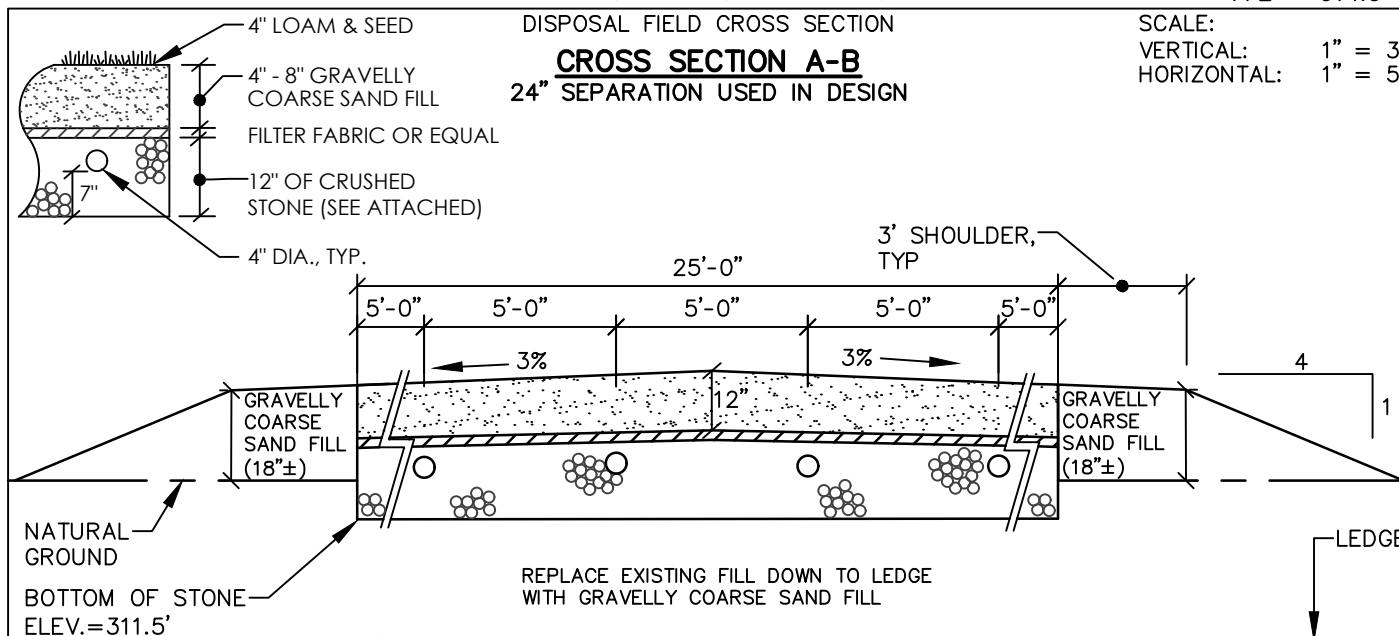
Depth of Fill (Upslope) 18"±  
Depth of Fill (Downslope) 18"±

## CONSTRUCTION ELEVATIONS

Finished Grade Elevation 313.5'  
Top of Distribution Pipe or Proprietary Device 312.5'  
Bottom of Disposal Area (Bottom of Stone) 311.5'

## ELEVATION REFERENCE POINT

Location & Description FFE OF PROPOSED COMMERCIAL STRUCTURE  
Reference Elevation FFE = 314.5'



Site Evaluator Signature

355  
SE #10-9-2020  
DatePage 3 of 3  
HHE-200 Rev. 02/11

**General Notes**  
**(attachment to form HHE-200)**  
**<1,000 gpd Septic System**

1. The nature of the site evaluation profession is one of interpretation of soil and site conditions. We, in the field, attempt to both provide a satisfactory service to the client, and comply by the rules by which we are bound - The Maine Subsurface Wastewater Disposal Rules. If at any time you, the client, are not satisfied with the service provided or the results found, it is your right to hire another site evaluator for a second opinion.
2. Property information is supplied by the owner, applicant or representative. Such information presented herein shall be verified as correct by the owner or applicant prior to signing this application.
3. All work shall be in accordance with the Maine Subsurface Wastewater Disposal Rules dated 8/3/15, as amended.
4. All work on the disposal field should be performed under dry conditions.
5. No vehicular or equipment traffic to be allowed on disposal area unless H-20 load is specified. Disposal field shall be constructed from outside the corner stakes located in the field. The downslope area is also to be protected in the same manner.
6. Backfill, if required, is to be gravelly coarse sand texture and to be free of foreign debris (per Table 11A of the Maine Subsurface Wastewater Disposal Rules). If backfill is coarser than original soil, then mix a minimum of 4" of backfill material into original soil.
7. No neighboring wells are apparent (unless so indicated) within 100' of disposal area. Owner or applicant shall verify this prior to signing the application.
8. The disposal field stone shall be clean, uniform in size and free of fines, dust, ashes, or clay. It shall have a nominal size of  $\frac{3}{4}$ " or  $1\frac{1}{2}$ " (per Table 11B of the Maine Subsurface Wastewater Disposal Rules).
9. Minimum separation distances required (unless reduced by variance or special circumstance).
  - a) wells with water usage of 2000 or more gpd or public water supply wells:

Disposal Fields:	300'
Treatment Tanks:	150'
  - b) potable water supply to disposal field: 100'
  - c) potable water supply to treatment tank: 50'
  - d) treatment tank or disposal field to lake, river, stream or brook: 100' for major watercourse,  
50' for minor watercourse
  - e) house to treatment tank: 8'
  - f) house to disposal field: 20'
- For all other separation distances, use separations for less than 1,000 gpd per Maine Subsurface Wastewater Disposal Rules Table 7B for first-time systems and Table 8A for replacement systems.
10. Location of septic system near a wetland may require a separate permit. As such, the owner, prior to construction of the septic system, shall hire a professional to evaluate proximity of adjacent wetlands and prepare necessary permit applications.
11. Garbage disposals are not recommended and, if installed, are done so at the owner's risk. The additional waste load requires increased maintenance frequency and may cause premature failure of disposal field.
12. Pump stations, when required, shall be installed watertight to prevent infiltration of ground and/or surface water.
13. Force mains and pressure lines shall be flushed of any foreign material and pumps shall be checked for proper on/off cycle before being put into service.
14. Force mains, pump stations, and/or gravity piping subject to freezing shall be installed below frost line or adequately insulated.

**Sebago Technics, Inc., 75 John Roberts Rd., Suite 4A, South Portland, ME 04106-6963 (207) 200-2063**