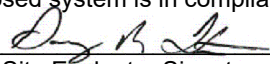


SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
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 3B	L.P.I. # _____	
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature _____	
Name (last, first, MI) DWIGHT INVESTMENTS, LLC <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant Mailing Address of Owner/Applicant 1130 JAMES JACK LANE CHARLOTTE, NC 29277 Daytime Tel. # (704) 962-0020		<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.	
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.		CAUTION: INSPECTION REQUIRED 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 _____ Date _____		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. <25% Expansion <input type="checkbox"/> b. >25% Expansion <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 COMPONENTS <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 2.0± <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: _____ <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: 25 EMPLOYEES WITH NO SHOWERS (specify) Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped		
SHORELAND ZONING <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TYPE OF WATER SUPPLY <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		
DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
TREATMENT TANK <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: 1,000 GAL.	DISPOSAL FIELD TYPE & SIZE <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: 1,000 <input checked="" type="checkbox"/> 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 300 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 25 EMPLOYEES @ 20 GPD = 300 GPD
SOIL DATA & DESIGN CLASS PROFILE 12(3) CONDITION C at Observation Hole # TP-6 Depth 29" 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 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.	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 43 d 51 m 46.8 s Lon. -70 d 27 m 09.2 s
SITE EVALUATOR STATEMENT			
I certify that on 9-1-20 (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 		355 SE #	10-9-2020 Date
Gary M. Fullerton Site Evaluator Name Printed		(207) 200-2063 Telephone Number	gfullerton@sebagotechnics.com E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.			



Town, City, Plantation
WINDHAM

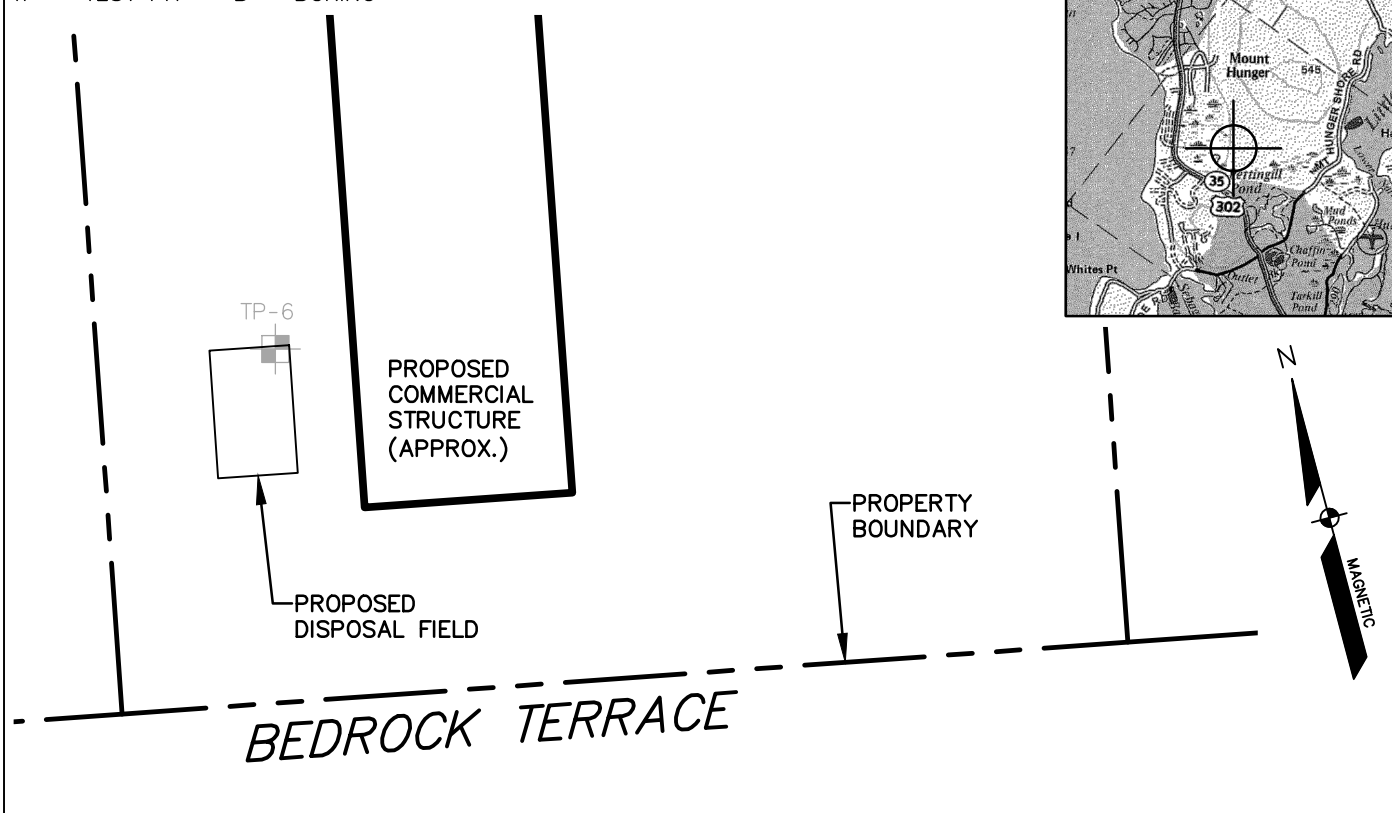
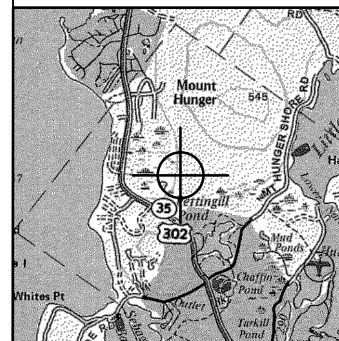
Street, Road, Subdivision
QUARRY RIDGE BUSINESS PARK, LOT 3B

Owner or Applicant Name
DWIGHT INVESTMENTS, LLC

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

Scale 1" = 60 FT.

SITE LOCATION PLAN



(Location of Observation Holes Shown Above)

Observation Hole TP-6 ☒ 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
0	SANDY LOAM WITH STONES	FRIABLE	2.5Y 5/3 LIGHT OLIVE BROWN	NONE OBSERVED
10				
20				
30				
40				
50	LEDGE @ 42"			

Soil Classification 12(3) Profile	C Condition	Slope 0-3 %	Limiting Factor 29" "	<input type="checkbox"/> Ground Water <input checked="" type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth
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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

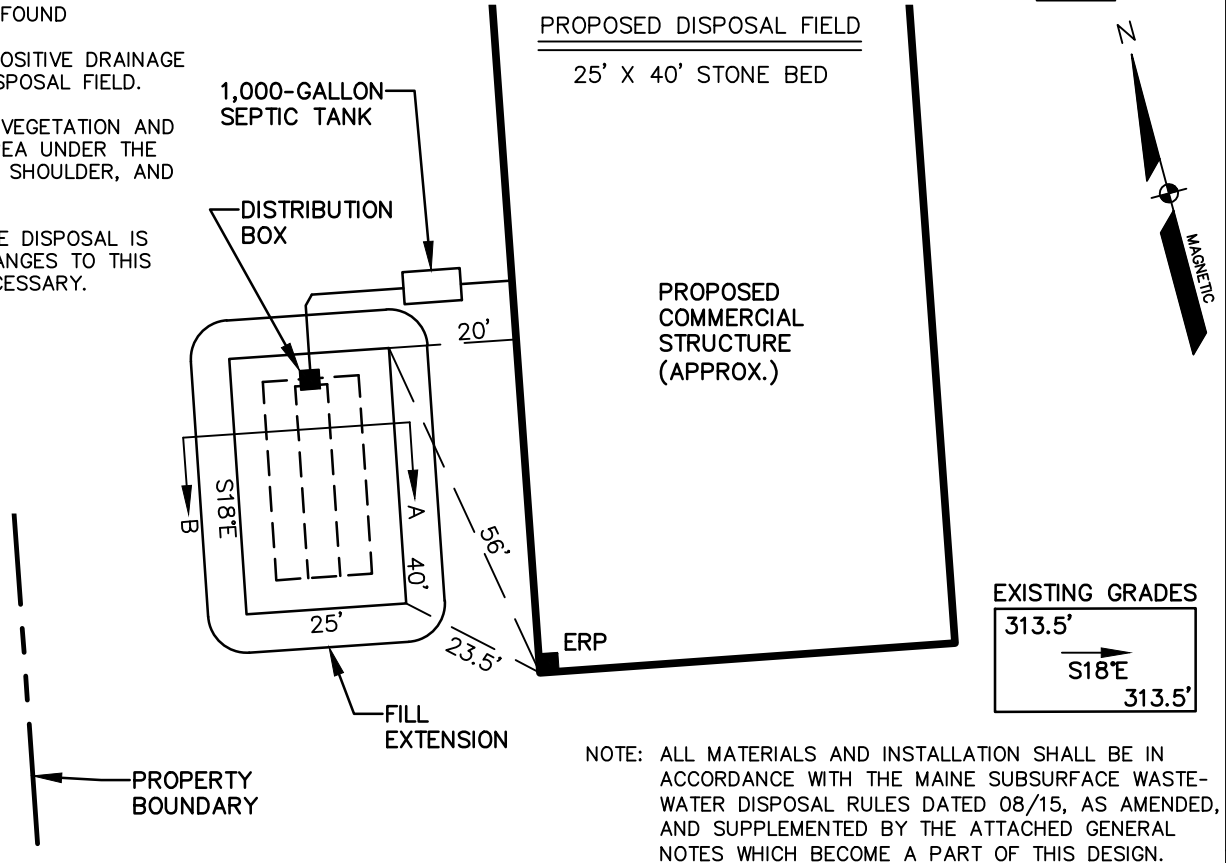
Town, City, Plantation
WINDHAMStreet, Road, Subdivision
QUARRY RIDGE BUSINESS PARK, LOT 3BOwner or Applicant Name
DWIGHT INVESTMENTS, LLCERP= ELEVATION REFERENCE POINT
IPF = IRON PIN FOUND

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.

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 30 FT.



BACKFILL REQUIREMENTS

Depth of Fill (Upslope) 7"±

Depth of Fill (Downslope) 7"±

CONSTRUCTION ELEVATIONS

Finished Grade Elevation 314.25'

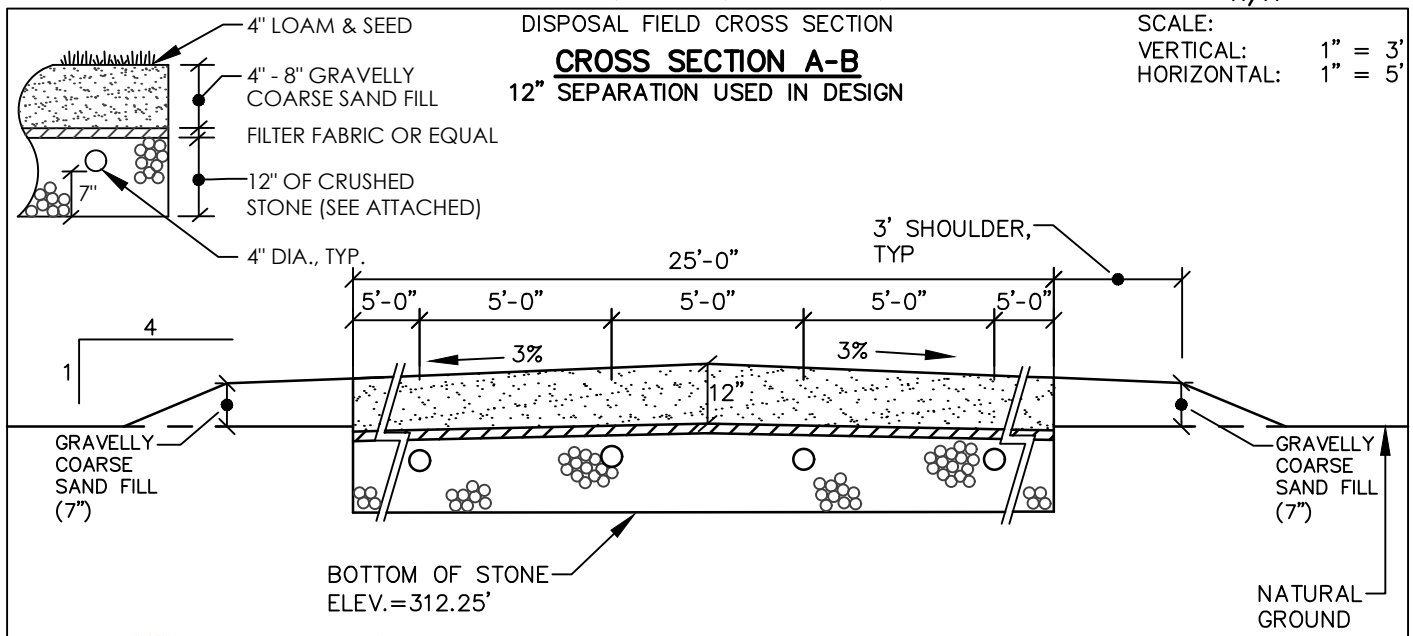
Top of Distribution Pipe or Proprietary Device 313.25'

Bottom of Disposal Area (Bottom of Stone) 312.25'

ELEVATION REFERENCE POINT

Location & Description ERP TO BE ESTABLISHED

Reference Elevation N/A



[Signature]

Site Evaluator Signature

355

SE #

10-9-2020

Date

Page 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