

fax: 892 1744 Revision # 16-2294

Department of Health & Human Services
Division of Environmental Health, 11 EHS
(207) 287-5872 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town or Plantation	Windham	Town/City	Permit #
Street or Road	Swift Rd.	Date Permit Issued	Fee: \$ Double Fee Charged <input type="checkbox"/>
Subdivision, Lot #		LPI #	
OWNER/APPLICANT INFORMATION		Local Plumbing Inspector Signature	
Name (last, first, MI)	MGM Builders, Inc.	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input type="checkbox"/> State	
Mailing Address of Owner / Applicant	c/o Taylor Manning - MGM Builders 8 Turning Leaf Dr. Windham, ME. 04062	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. #	207 650 7393	Municipal Tax Map # Lot #	
Owner 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: <i>Taylor Manning</i> Date: <i>4/17/17</i>		Local Plumbing Inspector Signature (1st) Date Approved (2nd) Date Approved	
PERMIT INFORMATION			
TYPE OF APPLICATION		DISPOSAL SYSTEM COMPONENTS	
<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		<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 2.5+/- sq. ft. <input checked="" type="checkbox"/> acres		DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms 4 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units <input checked="" type="checkbox"/> 3. Other: in-law apart 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 1. <input type="checkbox"/> Drilled Well 2. <input type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input type="checkbox"/> Public 5. <input type="checkbox"/> Other FUTURE	
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"/> 2. Plastic <input type="checkbox"/> 3. Other CAPACITY 1000 main 1000 in-law gallons		DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device <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 1782 sq. ft. lin. ft. 36 units	
SOIL DATA & DESIGN CLASS PROFILE 3 / C CONDITION of Observation Hole Depth 23" or of Most Limiting Factor		GARBAGE DISPOSAL UNIT <input type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input checked="" 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 checked="" type="checkbox"/> d. Filter on Tank Outlet *see "must read" note 4 on pg 2	
DISPOSAL AREA 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 checked="" type="checkbox"/> 3. Required Specify only for engineered systems DOSE Gallons	
		DESIGN FLOW 540 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 4 bed dwelling: 360 gpd in-law apartment: 180 gpd	
		LATITUDE AND LONGITUDE at center of disposal area Lat. 43° 45' 43.74" N Lon. 70° 24' 00.78" W of gps, state margin of error: 15+/- ft.	
SITE EVALUATOR'S STATEMENT			
I certify that on 7/1/16 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 W. HORTON Site Evaluator Name Printed		67 SE # 647-8798 Telephone # 7/2/16 Revision: 1/7/17 & 1/16/17 Date meldrum@megalink.net E-mail Address	
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.			

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering, Sharon, NH
(603) 887-5271 FAX (603) 887-4172

Town, City or Plantation

Windham

Street, Road, Subdivision

Swett Rd.

Owner or Applicant Name

MGM Builders, Inc.

SITE PLAN

Scale: 1" = 100 Ft.

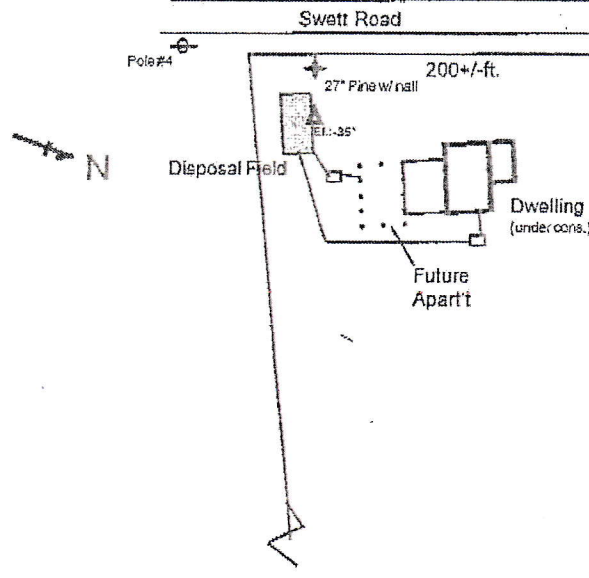
SITE LOCATION PLAN

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

— = SLOPE

+ = E.R.P.

▲ = OBSERVATION PIT



NOTES:

1. Septic Tank(s) shall have a min. capacity of 1000 gal. Two tanks to be used.
2. The main supply line from the pump tank shall connect directly into Disposal Field, without a D Box, in order to completely dose the large Field under pressure.
3. Tank(s) shall be as elevated as possible and watertight or of monolithic construction.
4. When the soil is near its saturation point, excavation work on the bottom of the field is apt to pump fines and seal the interface. Care and/or delay of installation may be appropriate.
5. Take all necessary measures to protect against surface erosion of Disposal Field.
6. If removal of a tree outside of disposal area is questionable as to it being damaged, a tree expert may be consulted.

1/11/17 revision:

Due to changes in location of property line and consequently a restriction of area, a change of disposal field was necessary.

SOIL PROFILE DESCRIPTION AND CLASSIFICATION

Observation Hole 1 "Depth of Organic Horizon Above Mineral Soil"

☒ Test Pit ☐ Boring

Texture Consistency Color Mottling

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0	Loam	Friable	Dk. Br.	
10			Brown	
20	Fine Sandy Loam Till		Ol. Br.	
30		Somewhat Firm	Olive	Redox Depl.: 25%/E/Eaint
40				
50				

Visual observations indicate that the entire proposed disposal area has approximately the same soil profile.

Soil Profile	Classification	Slope Percent	Limiting Factor
3	C	2	23
	Condition		Depth

- ☒ Ground Water
☐ Restrictive Layer
☐ Bedrock

MUST BE READ BY OWNER and INSTALLER -

The signature for Owner Statement (page 1) shall indicate the reading and understanding of the following (Site Evaluator's phone number is on page #1 for questions):

1. This Application requires a Permit from the Town before it has legal standing as a buildable lot.
2. This Application satisfies only the State Code for external plumbing which CODE (or "Rules") is incorporated herein by reference and made part of this Application.
3. Installation compliance of this design is the sole responsibility of the Owner.
4. A septic tank filter or additional tank capacity is required whenever garbage disposal device is contemplated for the dwelling. NB: It should be noted that users demand maintenance and a cleaning out prior to onset of frozen ground on a yearly basis.
5. Prior to its submission to the Town's LPI for a permit, owner is obligated to review this Application and verify that it accurately describes the intended use (present and future) for the system, and that all setbacks and other information hereon is complete and factually correct. This review especially applies to neighbors' walls (within 100 ft. of proposed disposal field) which are often initially unidentifiable. The Town's LPI must do the same, as well as conformity to local ordinances. Report differences to the S.E.
6. The layout flags placed by the SE can be moved or lost. Therefore, installer must use the layout measurements on page 3 to locate the disposal field.
7. If a property line is in the vicinity of the proposed disposal system, the Owner is responsible for locating the same prior to installation.
8. Proper functioning of a disposal system requires Septic Tank being pumped out periodically. Non-pumping reduces the life expectancy of a disposal field, causing clogging and requiring a replacement. Provide easy access to the Septic Tank and, if over a foot of ground cover, use a concrete riser over the tank's cleanout.
9. Because the method of installation and quality* of the owner's wastewater have a significant effect on the proper functioning of a septic system, it is not possible to adequately predict the longevity of a particular septic system design.
- *Certain products (fat, oils, soaps, septic tank additives, cat litter, etc.) and appliances (garbage disposals, water softeners, & dishwashers) are to be used with caution as they can be harmful to the biochemical process of a Septic System.
10. Recommendations: Photo open installation showing pipes or chambers. Also, have precise measurements of the as-built disposal field and septic tank for recording on page 3 of this HHE 200 for future reference and file with private papers.

Site Evaluator Signature

SE #

Revision: 1/11/17 7 1/16/17

Date

Page 2 of 3
HHE-200 Rev. 10/02

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Health Services
Division of Health Engineering
(207) 287-5672 FAX: (207) 287-4122

Town, City or Plantation
Windham

Street, Road, Subdivision
Sweet Rd

Owner or Applicant Name
MGM Builders, Inc.

SUBSURFACE WASTEWATER DISPOSAL PLAN

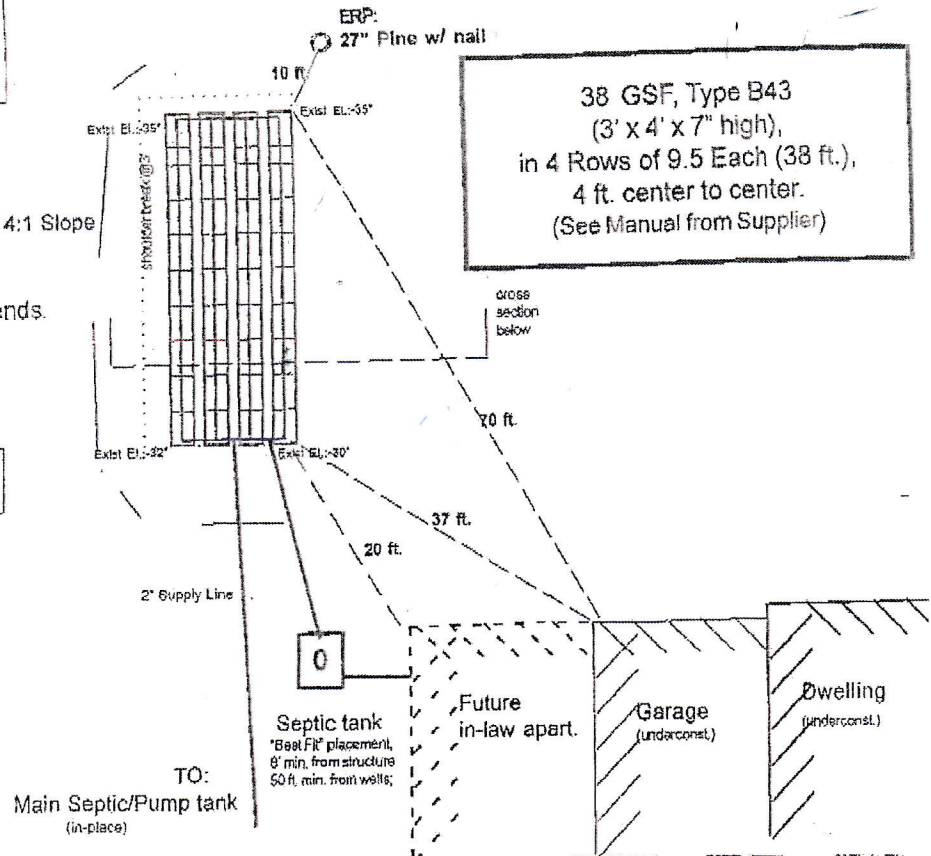
Scale: 1" = 20 Ft.

Maintain 10 ft. min.
from side property line
and from Right of Way

4" Perforated Pipe network:
connect 4 rows of 37 ft. lengths
@ both upstream and downstream ends.

Distribution Box is optional,
but not recommended

Toe of 4:1 Slope



FILL REQUIREMENTS

Depth of Backfill (Upslope) 13 "

Depth of Backfill (Downslope) 16+/- "

DEPTH AT CROSS-SECTION (shown below)

Construction Notes:

1. General Installation procedure shall follow CODE Section II. Available from State: (207) 287 5689.
2. Remove topsoil material beneath the disposal area.
3. Envelop Devices with 8+/-" of gravelly or coarse sand (see CODE Section 11E2b), mixed into original soil for an interface transitional zone.
4. Fill above Devices and for fill extensions can be "on site" soils.
5. Site Preparation Inspection by the LPI may be required prior to Disposal Field construction.

(Installers must be familiar w/ CODE Section 11)

CONSTRUCTION ELEVATIONS

Finished Grade Elevation" -18 "

Top of Distribution Pipe or Proprietary Devices -31 "

Bottom of Disposal Area -42 "

ELEVATION REFERENCE POINT

Location & Description nail in 27" Pine

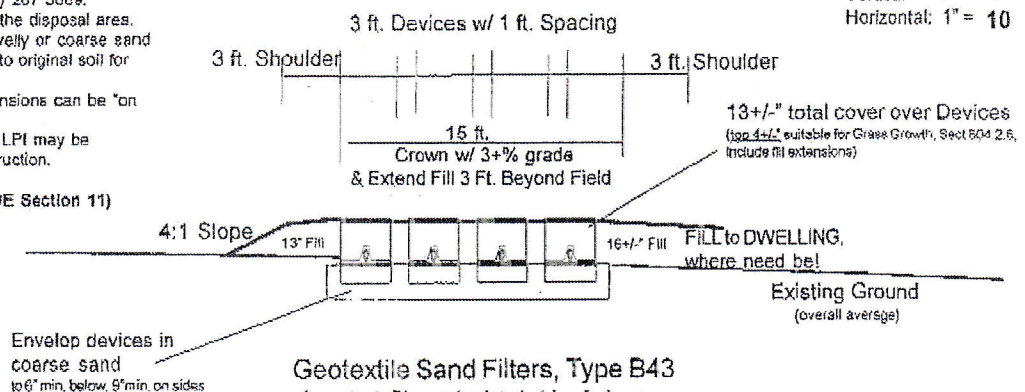
Reference Elevation is: 0.0" or:

25' +/- above ground

Scale:

Vertical: 1" = 5 Ft.
Horizontal: 1" = 10 Ft.

DISPOSAL AREA CROSS SECTION



FOLLOW MANUFACTURER'S RECOMMENDATIONS

Site Evaluator Signature

67
SE #

1/11/17 & 1/16/17
Date

Page 3 of 3
HHE-200 Rev 5/01