

**BASIS OF DESIGN:**

Office Building: 4,750 SF

Septic Tank: 725 Gallon (Required)  
1,000 Gallon (Provided)

Actual Percolation Rate: 1.67 Min./Inch

Design Percolation Rate: <10.1 Min./Inch

Depth to Restrictive Layer: None Found

MLSS Required: None Required - Depth to restrictive layer is greater than 60"

MLSS Provided: 30 LF

Leaching Area Required: 4,750 SF (Office) / 200 SF/Person = 23.75 Persons  
23.75 persons x 20 GPD / Person = 475 GPD  
Application Rate = 1.5  
Required ELA = 475gpd / 1.5gpd/sf = 317sf

Primary System: 30 LF (Eljen Mantis 536-8) x 11 SF/LF = 330 SF

Reserve Area: Same as Primary

Design Depth to Seasonal High Groundwater Table: None Found

Design Depth to Ledge: None Found

Designed By: RC  
Drawn By: RC/JS  
Checked By: DNB

*David M. Raitano*  
LICENSED PROFESSIONAL ENGINEER

Drawing date: 10-21-2021

Rev.	Date	Revision

**SUBSURFACE SEWAGE DISPOSAL SYSTEM**

158.5 TORRINGTON ROAD

**CANNAVO DEVELOPMENT LLC**

P.O. BOX 1075  
WINSTED CT

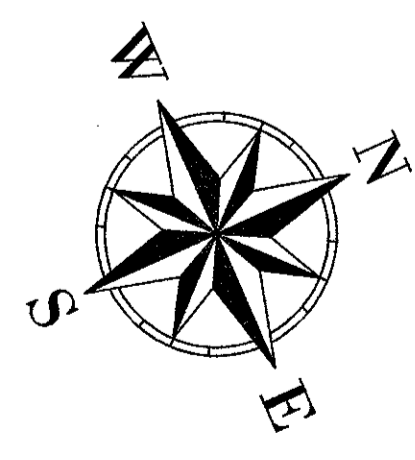
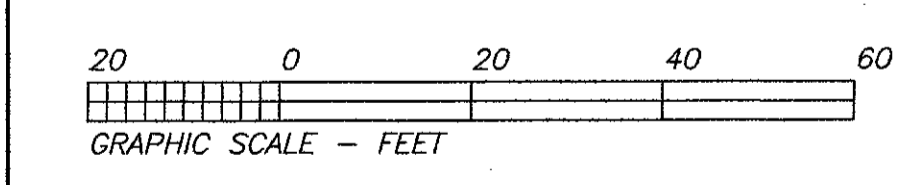
**Lenard Engineering, Inc.**  
Civil, Environmental and Hydrogeological Consultants

2210 Main Street  
Glastonbury, CT  
(860) 659-3100

19 Midstate Drive  
Auburn, MA  
(508) 721-7600

Drawing #:  
**1 OF 3**

Job #: 21-109



- NOTES:**
1. THERE ARE NO WELLS WITHIN 75 FT OF PROPOSED SEPTIC SYSTEM.
  2. THERE ARE NO SEPTIC SYSTEMS WITHIN 50 FT OF PROPOSED SEPTIC SYSTEM.
  3. BOUNDARY AND TOPOGRAPHIC SURVEY PROVIDED BY DICARA LAND SURVEYING SERVICES.
  4. THE OWNER OF THE PROPERTY IS CANNAVO DEVELOPMENT LLC P.O. BOX 1075 WINSTED CT. 06098.
  5. LOT AREA = 1 ACRE.
  6. ZONE = TG.
  7. THE SEPTIC SYSTEM SHALL BE STAKED OUT AND A BENCHMARK SHALL BE SET BY A LICENSED LAND SURVEYOR PRIOR TO COMMENCEMENT OF WORK.
  8. CONTRACTOR SHALL NOTIFY CALL BEFORE YOU DIG AT (800) 922-4455 PRIOR TO COMMENCEMENT OF WORK.
  9. THIS PLAN PERTAINS ONLY TO SUBSURFACE SEWAGE DISPOSAL SYSTEM DESIGN. SEE SITE PLAN OF DEVELOPMENT BY OTHERS FOR ANY OTHER SITE PLAN ASPECTS.
  10. BUILDING WILL BE SERVICED BY CITY WATER.