

DESIGN CRITERIA

- 7,500 MAXIMUM DESIGN FLOW FOR DPH REVIEW (GALLONS)
- 150 GALLONS PER BEDROOM
- 50 NUMBER OF PROPOSED BEDROOMS
- 10 PERCOLATION RATE (MINUTES PER INCH) (ASSUMED VALUE)
- >60 DEPTH TO RESTRICTIVE LAYER (INCHES)

MLSS ANALYSIS:

- N/A HYDRAULIC FACTOR (HF) (RESTRICTIVE LAYER > 60 INCHES)
- 13.25 FLOW FACTOR (FF)
- 1.0 PERCOLATION FACTOR (PF)
- MLSS = HF x FF x PF
- N/A LF LEACHING SYSTEM SPREAD REQUIRED
- 100% OF MINIMUM LEACHING SYSTEM SPREAD PROVIDED

PROPOSED SYSTEM DESIGN:

- 400 LINEAL FEET OF 72 INCH WIDE BY 50 INCH HIGH CONCRETE CUR-TECH CTL-48 LEACHING FIELDS.
- 8,250 EFFECTIVE LEACHING AREA REQUIRED (SQUARE FEET) (485' x 171') = 8,290
- 8,760 EFFECTIVE LEACHING AREA PROVIDED (SQUARE FEET) (400 LF x 21.9 SF/LF = 8,760 SF PROVIDED)

SPECIFIC NOTES:

1. ADDITIONAL SOIL TESTING WITNESSED BY THE HOUSATONIC VALLEY HEALTH DISTRICT WOULD BE REQUIRED PRIOR TO ANY DESIGN.
2. PERCOLATION RATE IS ASSUMED AND IS NOT BASED ON ACTUAL INVESTIGATION.
3. NEIGHBORING SEPTIC SYSTEMS AND DRINKING WATER WELLS HAVE NOT BEEN TAKEN INTO CONSIDERATION FOR THIS SKETCH.
4. A PROPOSED DRINKING WATER SUPPLY HAS NOT BEEN CONSIDERED IN THIS SKETCH.



1) COPIES NOT BEARING THE EMBOSSED SEAL OF THE SURVEYOR OR ENGINEER SHALL BE RENDERED NULL AND VOID.
 2) REVISIONS TO THESE PLANS BY ANYONE OTHER THAN ARTHUR H. HOWLAND, P.C. SHALL MAKE THESE PLANS NULL AND VOID. ARTHUR H. HOWLAND, P.C. SHALL TAKE NO RESPONSIBILITY FOR SAID REVISIONS.

REVISIONS:

ARTHUR H. HOWLAND & ASSOCIATES, P.C.
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Preliminary Septic Sketch

for

329 Kent Road
 Town of New Milford
 County of Litchfield
 State of Connecticut

DATE: **December 13, 2023**

SCALE: **1" = 30'**



SHEET: **Sketch.1**

Underground utility, structure and facility locations shown have been determined from record maps provided by utility companies, governmental agencies, testimony, field locations, and other sources. Other utilities may exist on site or in the area shown. The size, location, and existence of all underground features must be field verified by the appropriate providers prior to construction. Call Before You Dig, 1-800-322-4455.