

**GENERAL NOTES:**

- EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION IS BASED UPON CLASS A-2 / T-2 PROPERTY / TOPOGRAPHIC SURVEY CONDUCTED BY MILONE AND MACBROOM INC. TITLED "PROPERTY SURVEY / PARTIAL TOPOGRAPHIC SURVEY, PREPARED FOR JOHN ROMANIK, SOUTH MERIDEN ROAD (ROUTE 70), CHESHIRE, CONNECTICUT," DATED JULY 13, 2020.
- NORTH ARROW AND BEARINGS AND COORDINATES ARE BASED UPON THE CONNECTICUT COORDINATE SYSTEM (NAD 1983). ELEVATIONS, CONTOURS AND BENCHMARK ARE BASED UPON NAVD 1988.
- MILONE & MACBROOM INC. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM 6" TOPSOIL AND BE SEEDED WITH GRASS.
- THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO THE EXECUTION OF THE WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF CHESHIRE REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 818 AND ADDENDUMS.
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY FOR DETERMINATION.
- ALL UTILITY SERVICES ARE TO BE UNDERGROUND. THE EXACT LOCATION, MEANS OF CONSTRUCTION, AND SIZE OF ELECTRIC, TELEPHONE, AND CABLE ARE TO BE DETERMINED BY THE RESPECTIVE UTILITY COMPANIES.
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG" (800) 922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLAN SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION HAS BEEN ESTABLISHED.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- A STABLE BENCH MARK SHALL BE SET BY THE ENGINEER PRIOR TO CONSTRUCTION OF THE PROPOSED LEACHING SYSTEM.
- ADDITIONAL SOIL TESTING IS REQUIRED BY CHESPROCOFF FOR FINAL DESIGN. IN FINAL DESIGN FURTHER DESIGN CONSTRAINTS MAY BE IDENTIFIED THAT WILL DICTATE CHANGES TO THE PLAN.
- NO EXISTING WELLS ARE LOCATED WITHIN 75' OF THE PROPOSED LEACHING SYSTEM.
- COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITEE.
- FF=FINISH FLOOR ELEVATION, GF=GARAGE FLOOR ELEVATION, BF=BASEMENT FLOOR ELEVATION
- TUBS ARE TO BE LESS THAN 100 GALLONS.

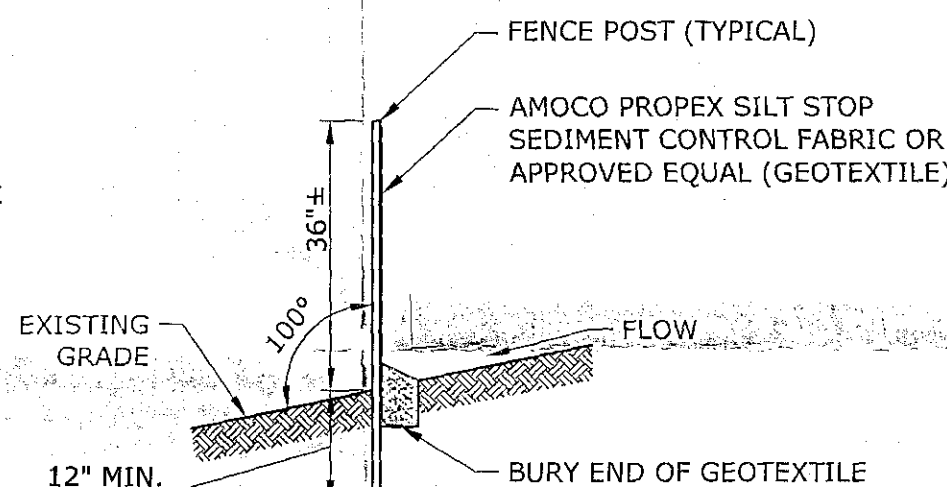
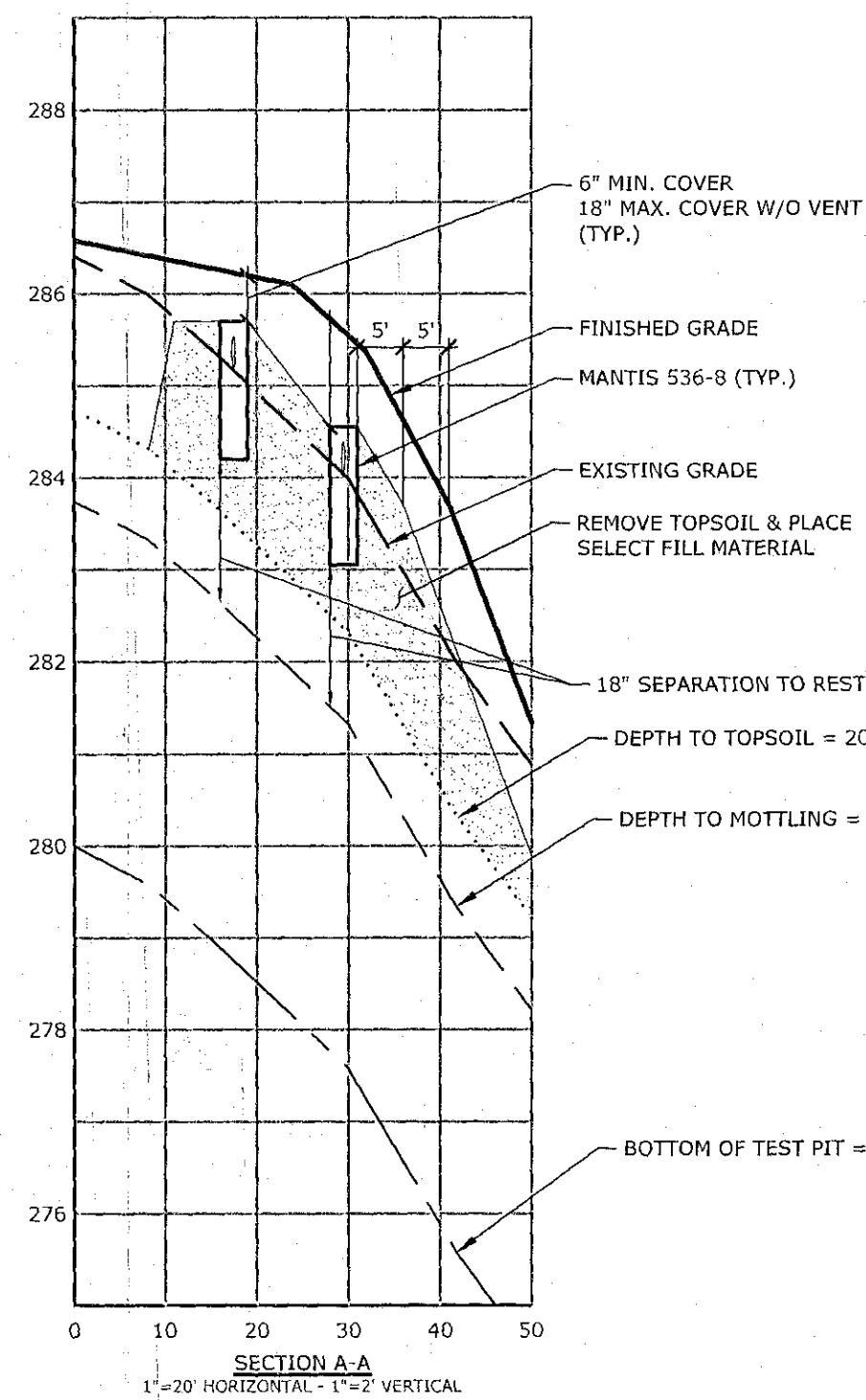
**SELECT FILL MATERIAL**

SELECT FILL PLACED WITHIN AND ADJACENT TO LEACHING SYSTEM AREAS SHALL BE COMPRISED OF CLEAN SAND, OR SAND AND GRAVEL, FREE OF ORGANIC MATTER AND FOREIGN SUBSTANCES. THE SELECT FILL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA:

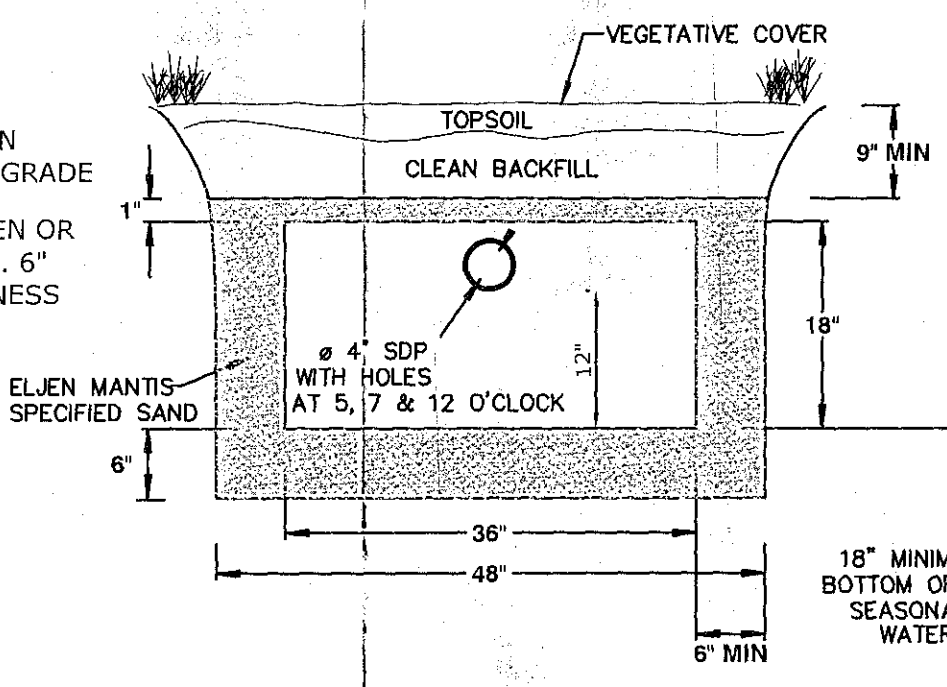
- THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THREE (3) INCH SIEVE.
- UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE (THIS IS THE GRAVEL PORTION OF THE SAMPLE).
- THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
- THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE SIZE	PERCENT PASSING	WET SIEVE	DRY SIEVE
#4	70-100	100	100
#10	70-100	70-100	70-100
#40	10-50*	10-75	10-75
#100	0-20	0-5	0-5
#200	0-5	0-2.5	0-2.5

\* PERCENT PASSING THE #40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE #100 SIEVE DOES NOT EXCEED 10% AND THE #200 SIEVE DOES NOT EXCEED 5%.



**SEDIMENT FILTER FENCE**  
NOT TO SCALE

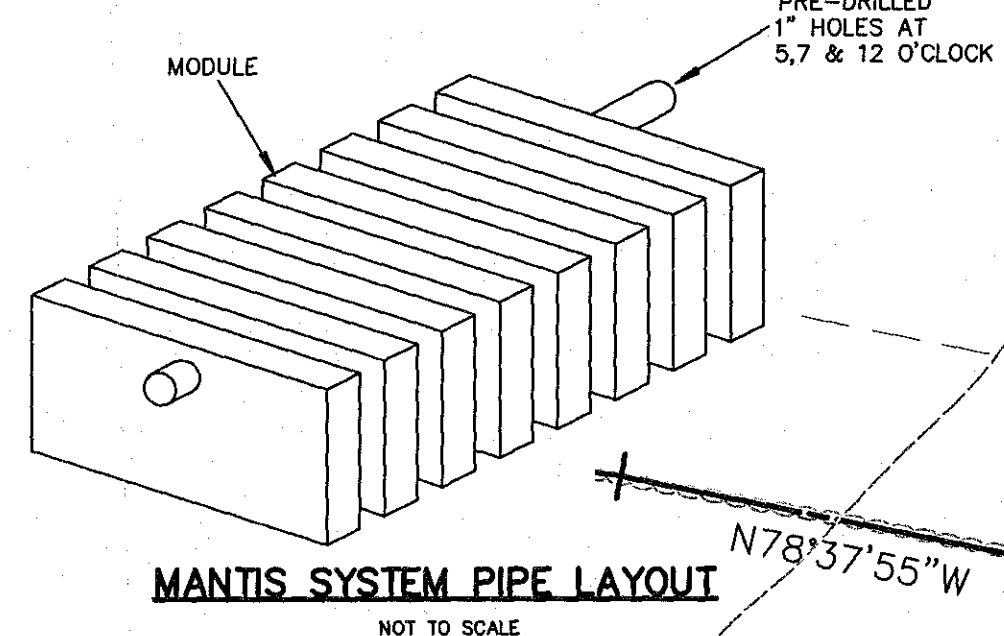


**MANTIS SYSTEM SAND FILL CROSS SECTION**  
NOT TO SCALE

NOTE: VENTING REQUIRED WHEN MORE THAN 18" OF COVER AS MEASURED FROM THE TOP OF THE UNIT TO FINISHED GRADE

**CONSTRUCTION ENTRANCE PAD**  
NOT TO SCALE

1. CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED AND MAINTAINED DURING OPERATIONS WHICH GENERATE VEHICULAR TRACKING OF MUD.



**MANTIS SYSTEM PIPE LAYOUT**  
NOT TO SCALE

