

DESIGN	CRITERIA
TYPE OF ESTABLISHMENT	3 BEDROOM RESIDENTIAL
DESIGN FLOW	330 G.P.D.
SEPTIC TANK CAPACITY	NEW 1500 GAL. SEPTIC TANK
LEACHING CAPACITY REQUIRED	330 GPD / 0.33 = 1,000 SQ FT REQUIRED (CONV)
LEACHING CAPACITY PROVIDED	1,000 SQ FT @ 60% = 600 SQ FT (400 SQ FT MIN) PRESBY 210 L.F. PIPE MIN 240 L.F. ENVIRO SEPTIC PIPE PROVIDED 42' x 15' LEACHFIELD = 630 SQ.FT. PROVIDED

TEST	PIT	DATA
SOIL EVALUATOR: JASON DUBOIS		
WITNESSED BY: SHELLEY HULTGREN		
DATE: 4/4/2023		
APPLICANT: LINDA MONAHAN		
TEST PIT # 1	TEST PIT # 2	
0"-30" FILL 30"-84 C SL 10YR 5/6 REDOX/WEEP @ 36"	0"-24" FILL 24"-82 C SL 10YR 5/6 REDOX/WEEP @ 36"	
GROUND WATER ELEV (OBSERVED) <u>N/A</u> MOTTLING ELEV (OBSERVED) <u>36"</u> REFUSAL ELEV <u>N/A</u> TEST PIT # 3	GROUND WATER ELEV (OBSERVED) <u>N/A</u> MOTTLING ELEV (OBSERVED) <u>36"</u> REFUSAL ELEV <u>N/A</u> TEST PIT # 4	
GROUND WATER ELEV (OBSERVED) <u>N/A</u> MOTTLING ELEV (OBSERVED) <u>N/A</u> REFUSAL ELEV <u>N/A</u>	GROUND WATER ELEV (OBSERVED) <u>N/A</u> MOTTLING ELEV (OBSERVED) <u>N/A</u> REFUSAL ELEV <u>N/A</u>	

AS BUILT INFORMATION
SYSTEM INSPECTION DATE:
SYSTEM CONSTRUCTED BY:

AS BUILT NOTE
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT A LETTER CERTIFYING THAT THE SEWER GRAVEL INSTALLED MEETS TITLE V SIEVE ANALYSIS REQUIREMENTS TO DC ENGINEERING PRIOR TO THE SUBMISSION OF THE AS-BUILT. DC ENGINEERING IS NOT RESPONSIBLE FOR THE SIEVE ANALYSIS.

DISPOSAL	SYSTEM	PROFILE
	NOTE: DIG SAFE TO NOTIFIED PRIOR TO CONSTRUCTION AT 1-888-DIGSAFE. NOTE: INSTALL MAGNETIC TAPE OVER ALL SYSTEM COMPONENTS, TANK, D-BOX, PIPE.	NOTE: HYDRAULIC CEMENT IS REQUIRED TO SEAL ALL CONNECTIONS AT THE SEPTIC TANK AND D-BOX NOTE: ALL PIPE FROM FOUNDATION TO LEACHING AREA TO BE WATERTIGHT 4" PVC ASTM D 1785 LAID ON FIRM BASE. NOTE: ANY RISERS TO GRADE MUST BE SECURED AGAINST UNAUTHORIZED ACCESS NOTE: POLYLOCK FILTER TEE TO BE CLEANED AND INSPECTED OR REPLACED ANNUALLY.

GENERAL NOTES
- ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE TOWN OF LEICESTER BOARD OF HEALTH - ALL SITE WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH TITLE 5 - ANY CONDITIONS DURING CONSTRUCTION THAT DIFFER FROM THOSE ENCOUNTERED DURING TESTING SHALL BE REPORTED TO DC ENGINEERING AND THE LOCAL BOARD OF HEALTH IMMEDIATELY. - FILL MATERIAL FOR SYSTEMS CONSTRUCTED IN FILL SHALL CONSIST OF SELECT ON-SITE OR IMPORTED SOIL MATERIAL. THE FILL SHALL BE COMPRISED OF CLEAN GRANULAR SAND, FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES, MIXTURES AND LAYERS OF DIFFERENT CLASSES OF SOIL SHALL NOT BE USED. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 2 INCHES. A SIEVE ANALYSIS, USING A #4 SIEVE, SHALL BE PERFORMED ON A REPRESENTATIVE SAMPLE OF THE FILL. UP TO 45% BY WEIGHT OF THE FILL SAMPLE MAY BE RETAINED ON THE #4 SIEVE. FOR FURTHER INFORMATION SEE 310CMR 15:255(3). - OFFSETS ARE NOT TO BE USED FOR THE REPRODUCTION OF PROPERTY LINES. - ALL ELEVATIONS REFER TO AN ASSUMED DATUM. - NO ADDITIONAL CAPACITY HAS BEEN PROVIDED FOR A GARBAGE DISPOSAL.(NOT ALLOWED) - NO ADDITIONAL CAPACITY HAS BEEN PROVIDED FOR A WATER SOFTNER.(NOT ALLOWED) THE PROPOSED SITE IS SUBJECT TO THE WETLANDS PROTECTION ACT. - THE PROPOSED PROJECT DOES NOT FALL WITHIN A FLOOD HAZARD ZONE. - THE SEPTIC TANK SHOULD BE INSPECTED AND PUMPED EVERY 2 YEARS. - ALL EXISTING OR PROPOSED WELLS AND SEPTIC SYSTEMS WITHIN 150 FEET OF THE PROPOSED CONSTRUCTION ARE SHOWN OR NOTED TO THE BEST OF OUR KNOWLEDGE. - ALL WETLANDS, BROOKS, BODIES OF WATER AND FLOOD HAZARD ZONES WITHIN 200 FEET OF THE PROPOSED CONSTRUCTION ARE SHOWN OR NOTED TO THE BEST OF OUR KNOWLEDGE. - INSPECTIONS REQUIRED FOR ASBUILT CERTIFICATION * SEE ASBUILT NOTE * A. BOTTOM INSPECTION PRIOR TO THE INSTALLATION OF SEWER GRAVEL. B. ALL COMPONENTS OF SEPTIC SYSTEM MUST BE COMPLETE AND VISIBLE PRIOR TO REQUESTING A FINAL INSPECTION - DIG SAFE TO NOTIFIED PRIOR TO CONSTRUCTION AT 1-888-DIGSAFE. - INSTALL MAGNETIC TAPE OVER ALL SYSTEM COMPONENTS, TANK, D-BOX, LEACH AREA. - HYDRAULIC CEMENT IS REQUIRED TO SEAL ALL CONNECTIONS AT THE SEPTIC TANK AND D-BOX LEACHING AREA TO BE WATERTIGHT 4" PVC ASTM D 1785 LAID ON FIRM BASE.

PERCOLATION TEST DATA
SOIL EVALUATOR: JASON DUBOIS
WITNESSED BY: SHELLEY HULTGREN
DATE: 4/4/2023
DEPTH: <u>60"</u>
FIELD RATE: <u>ALTERNATIVE TO PERC</u>
DESIGN RATE: <u>2</u>
SOIL CLASSIFICATION: <u>2</u>
L.T.A.R. <u>0.33</u>
DIG-SAFE
PHONE # 877-344-7233

SYMBOL KEY
STONE WALL BOUND IRON PIPE DRILL HOLE UTILITY POLE WELL TEST PIT PERC TEST BENCH MARK
DIG-SAFE
PHONE # 877-344-7233

LOCAL UPGRADE APPROVAL REQUIRED FOR SAS LESS THAN 100' TO PRIVATE WELL; 85' PROVIDED LOCAL UPGRADE APPROVAL REQUIRED FOR SAS LESS THAN 50' TO RESOURCE AREA; 42' PROVIDED	GRAPHIC SCALE 20 0 10 20 40 80 (IN FEET) 1 inch = 20 ft.