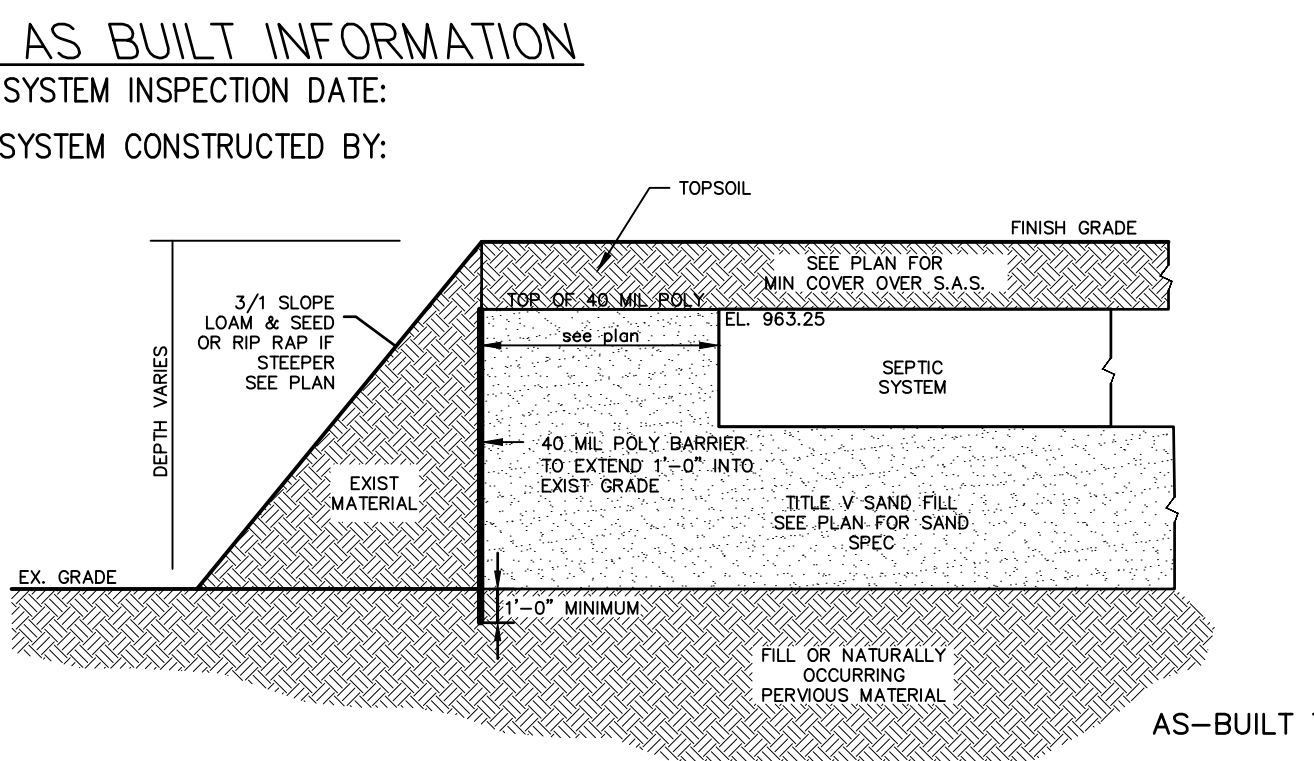
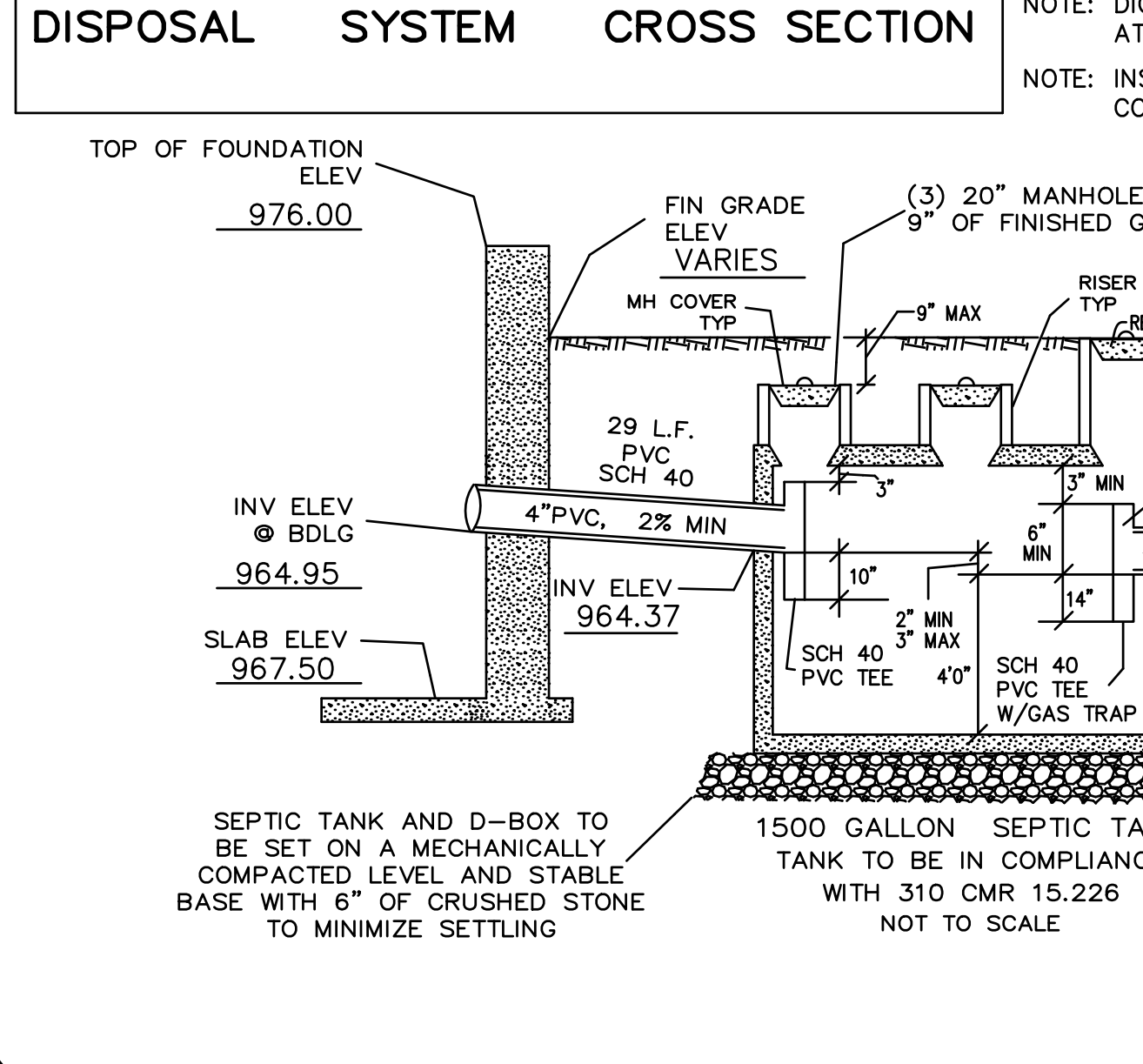


DESIGN	CRITERIA
TYPE OF ESTABLISHMENT	3 BEDROOM RESIDENTIAL
DESIGN FLOW	330 G.P.D.
SEPTIC TANK CAPACITY	NEW 1500 GAL. SEPTIC TANK
LEACHING CAPACITY REQUIRED	$330 \text{ GPD} / 0.53 = 623 \text{ SQ FT REQUIRED}$
LEACHING CAPACITY PROVIDED	$50' \times 0" \times 14' \times 0" \text{ LEACHBED} = 700 \text{ SQ. FT.}$ $700 \text{ SQ. FT.} \times 0.53 = 371 \text{ G.P.D.}$

TEST PIT DATA	
SOIL EVALUATOR: JASON DUBOIS WITNESSED BY: LISA DAQUST DATE: 3/5/2024 APPLICANT: ADAM GERMAN	
TEST PIT # 1	TEST PIT # 2
0"-5" A SL 10YR 3/3 5"-30" B SL 10YR 5/6 30"-96" C SL 2.5Y 5/4	0"-4" A SL 10YR 3/3 4"-29" B SL 10YR 5/6 29"-96" C SL 2.5Y 5/4
REDOX @ 48" WEEP @ 84"	REDOX @ 48" WEEP @ 84"
GROUND WATER ELEV (OBSERVED) N/A MOTTLING ELEV (OBSERVED) 48" REFUSAL ELEV N/A	GROUND WATER ELEV (OBSERVED) N/A MOTTLING ELEV (OBSERVED) 48" REFUSAL ELEV N/A
TEST PIT # 3	TEST PIT # 4
0"-4" A SL 10YR 3/3 4"-30" B SL 10YR 5/6 30"-98" C SL 2.5Y 5/4	0"-5" A SL 10YR 3/3 5"-32" B SL 10YR 5/6 32"-92" C SL 2.5Y 5/4
REDOX @ 48" WEEP @ 84"	REDOX @ 48" WEEP @ 84"
GROUND WATER ELEV (OBSERVED) N/A MOTTLING ELEV (OBSERVED) 48" REFUSAL ELEV N/A	GROUND WATER ELEV (OBSERVED) N/A MOTTLING ELEV (OBSERVED) 48" REFUSAL ELEV N/A

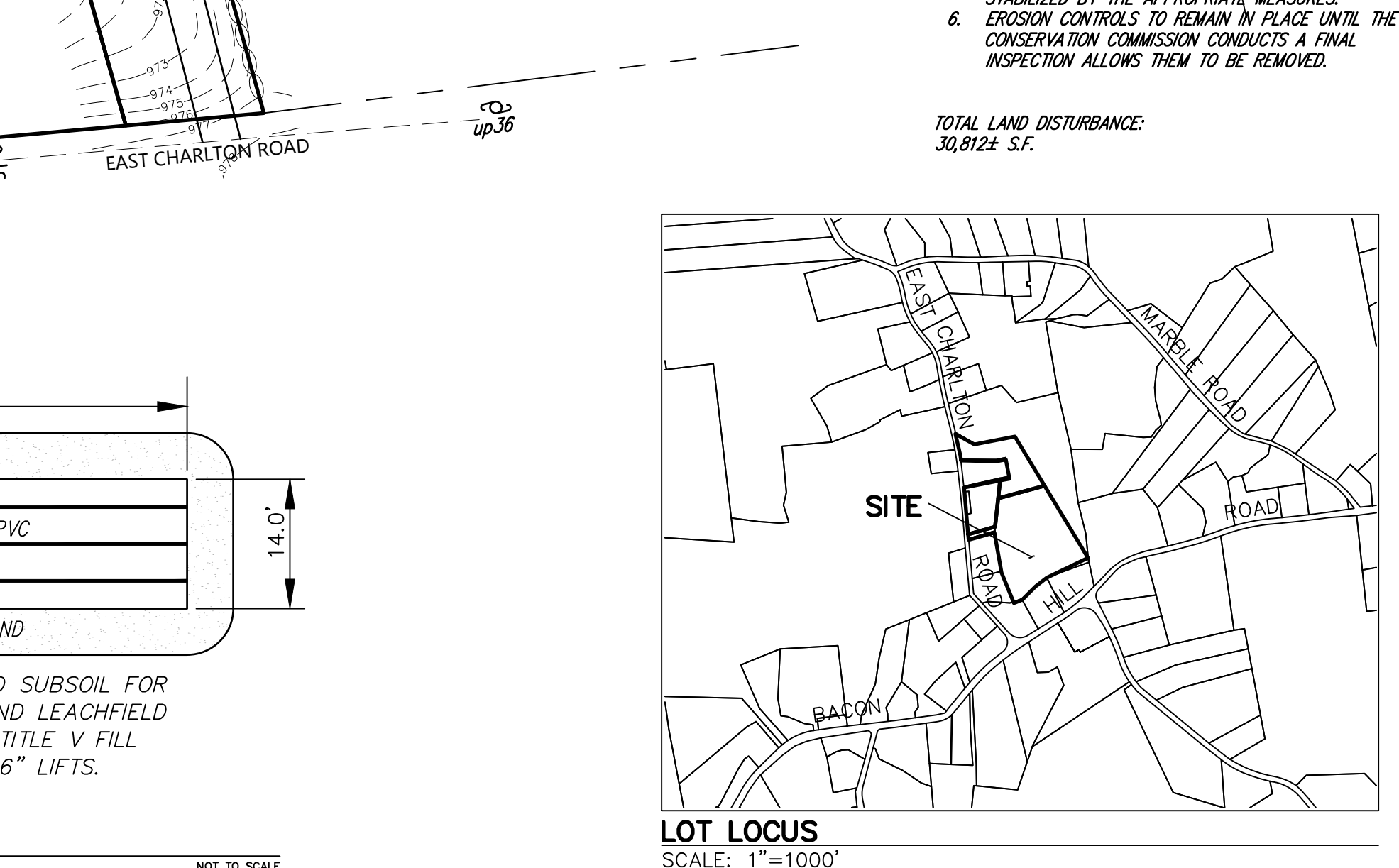
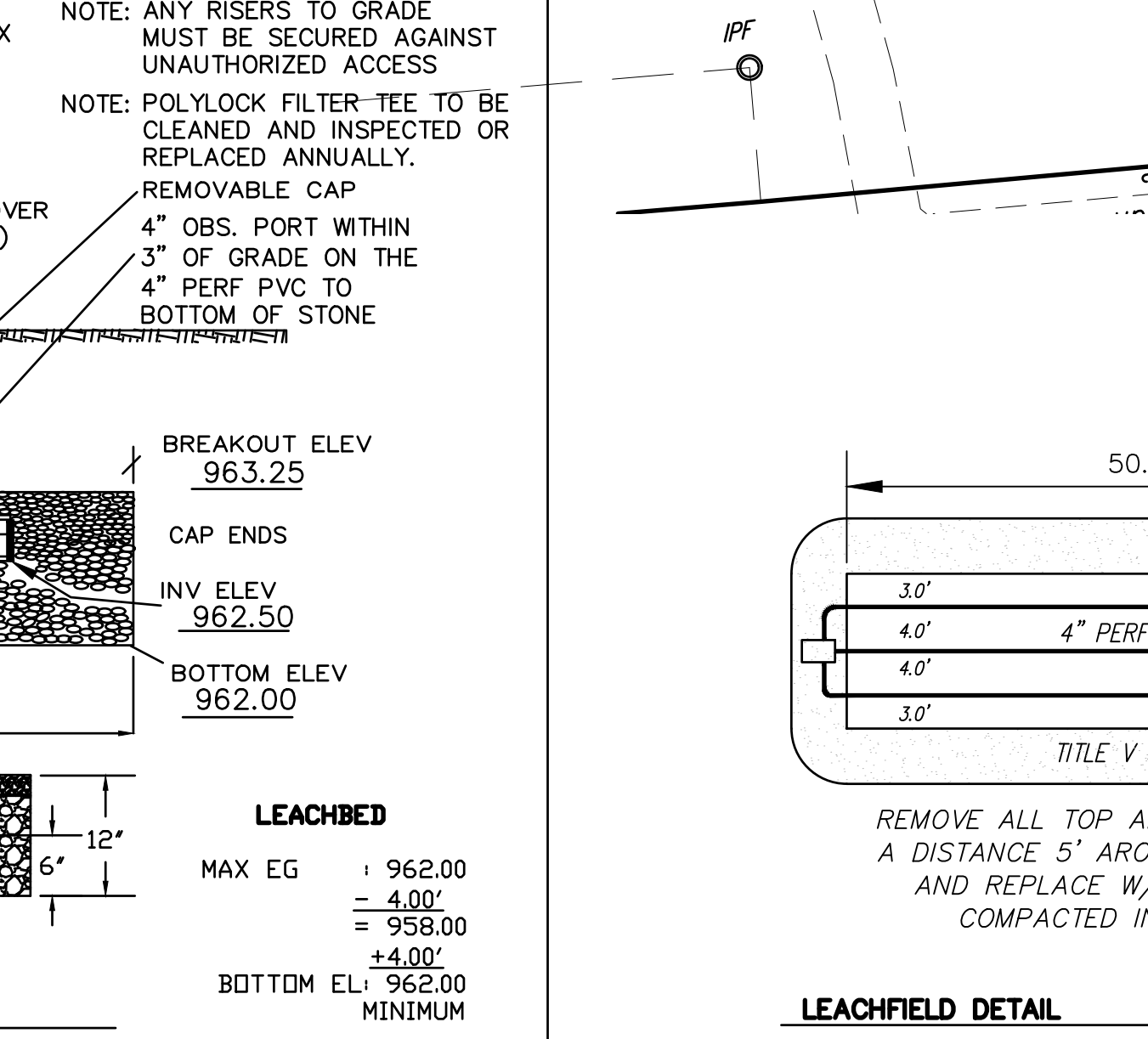
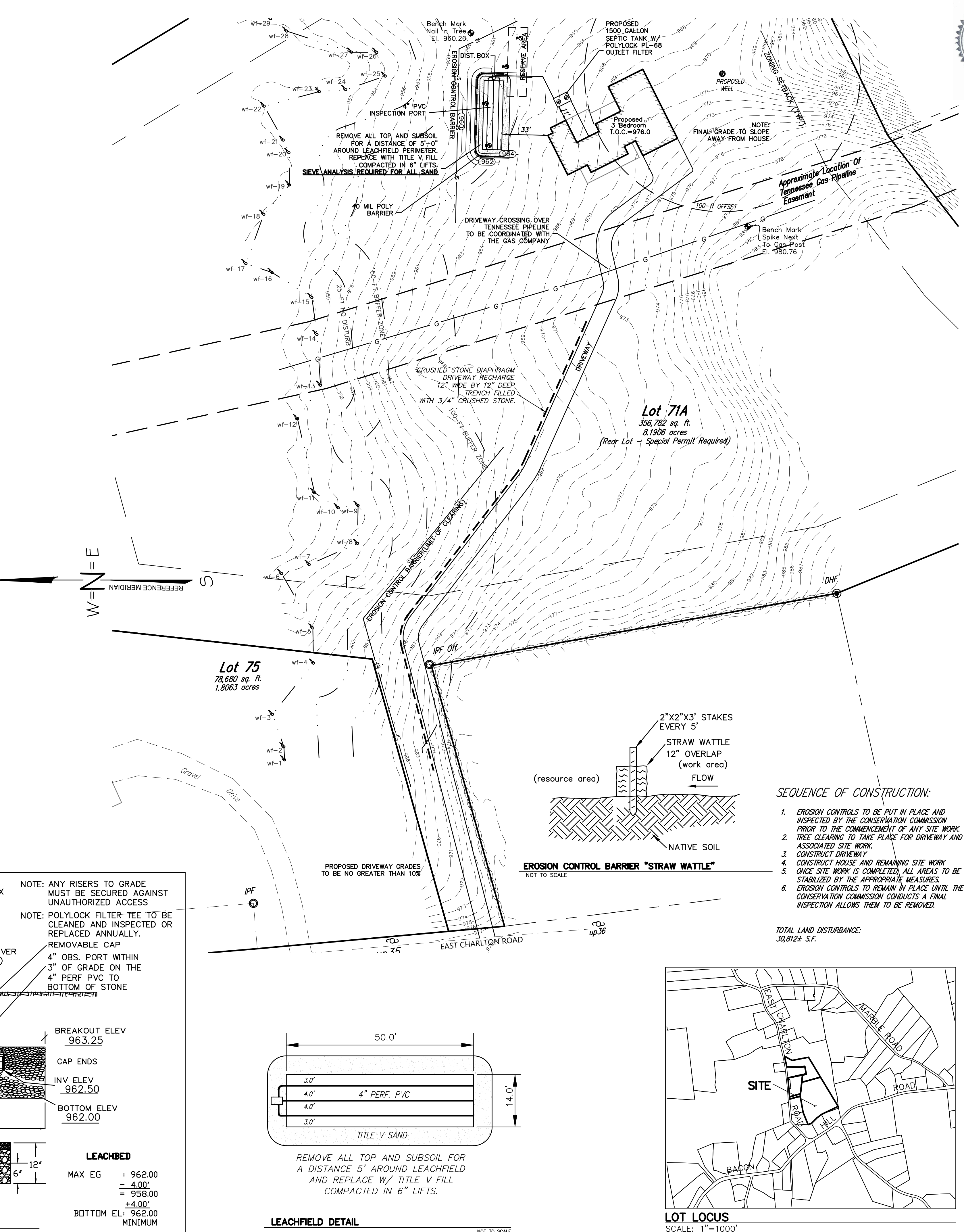
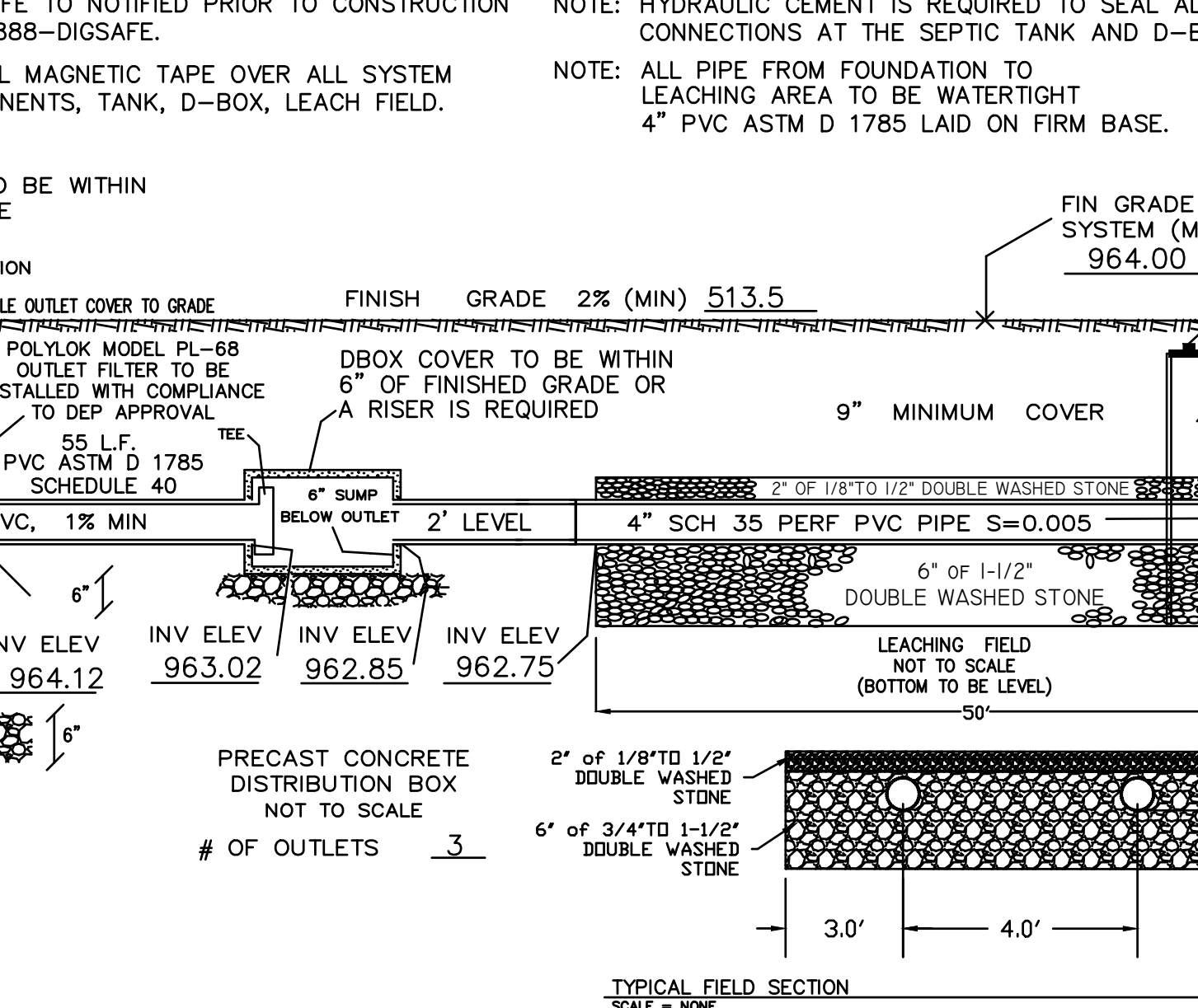
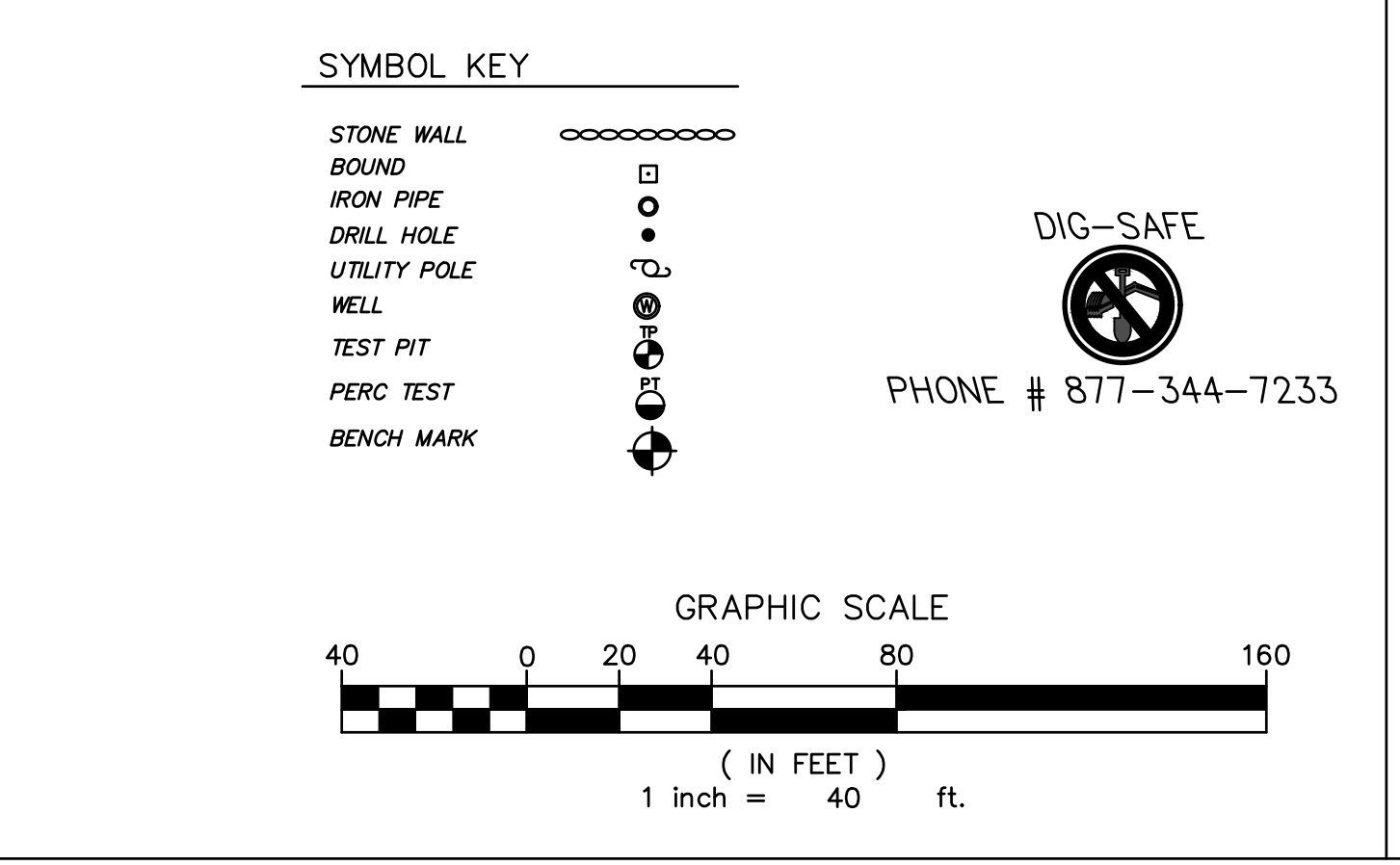


POINTS	DIST.
A-C	
B-C	
A-D	
B-D	
A-E	
B-E	
A-F	
B-F	
A-G	
B-G	
A-H	
B-H	



- ### GENERAL NOTES
- ALL CHANGES TO THIS PLAN MUST BE APPROVED BY THE TOWN OF SPENCER 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.
 - REMOVE ALL TOPSOIL & SUBSOIL FOR A DISTANCE OF 5 FEET AROUND SYSTEM
 - 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 *
 - BOTTOM INSPECTION PRIOR TO THE INSTALLATION OF SEWER GRAVEL.
 - 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: LISA DAQUST DATE: 3/5/2024	
DEPTH:	1 2
FIELD RATE:	42 44
DESIGN RATE:	18 MPI 14 MPI
SOIL CLASSIFICATION:	20 MPI 20 MPI
L.T.A.R.	0.53 0.53



JEREMY S. CROTEAU, P.L.S.
 PROFESSIONAL LAND SURVEYOR
 LAND SURV. NO. 4872

NORTH

508-768-6666
 508-341-2127

DDC

CLIENT: ADAM & BRITNEY GERMAN
 71 EAST CHARLTON ROAD
 SPENCER, MA 01562

SEPTIC SYSTEM PLAN

SITE ADDRESS: 75.5 EAST CHARLTON ROAD
 SPENCER, MA 01562

DRAWN BY: JDD
 CK'D BY: JDD
 DATE: 4-25-24
 PROJECT #: 20-212

REV #:
 SCALE: 1"=40'
 DWG. NO.: S-1