

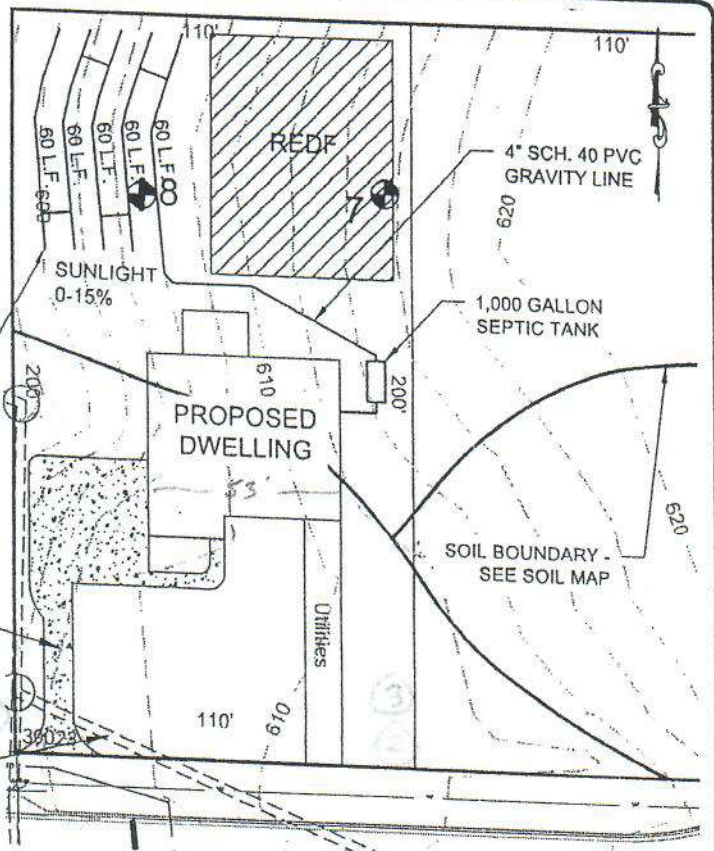
**DESIGN CRITERIA AND RECOMENDATIONS:**

4 BEDROOMS: 123 L.F. PER BEDROOM  
 (BASED ON 70 MPI) = 492 L.F. OF  
 CONVENTIONAL FIELD LINES - 40%  
 REDUCTION = 296 L.F. OF INFILTRATOR  
 QUICK 4 LOW PROFILE FIELD LINES.

INSTALL 300 L.F. OF INFILTRATOR QUICK 4  
 LOW PROFILE CHAMBER INSTALLED @ 20"  
 DEPTH (DOWNHILL SIDE OF TRENCH) WITH  
 12" CLEAN FILL, 36" WIDE AND 8' CENTER.

INSTALL (1) 1,000 GALLON SEPTIC TANK

INSTALL 300 L.F. OF  
 INFILTRATOR QUICK 4 LOW  
 PROFILE CHAMBER.



① POWER  
 ② WATER  
 ③ GAS

**LEGEND**

⊕ SOIL TEST LOCATION

SCALE: 1" = 50'

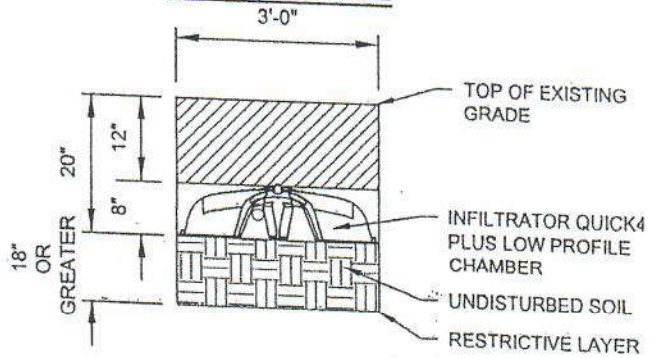
↘ SLOPE DIRECTION  
 10-15%



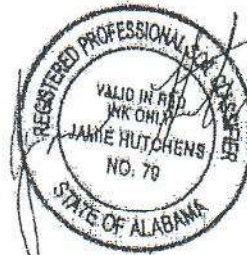
**GENERAL NOTES:**

1. ENGINEERS OF THE SOUTH CERTIFIES THAT ALL SOIL TEST WERE PERFORMED ACCORDING TO STATE AND LOCAL HEALTH DEPARTMENT REGULATIONS.
2. ENGINEERS OF THE SOUTH MAKES NO WARRANTY OF PROPERTY OWNERSHIP.
3. ENGINEERS OF THE SOUTH MAKES NO WARRANTY OF THE PERFORMANCE OF THE SEPTIC SYSTEM.
4. WHEN SCARIFYING EXISTING SOIL, FIELD LINE AREA, RIP PARALLEL WITH CONTOURS. FIELD LINES ARE TO BE INSTALLED ON SLOPE WITH THE EXISTING CONTOURS.
5. NO SURFACE WATER SHALL POND ON DISPOSAL AREA. ADD FILL AS REQUIRED TO PREVENT PONDING. MINOR SWALES MAY BE NECESSARY TO DIVERT UPSTREAM STORM WATER AROUND DISPOSAL AREA.
6. THE ONSITE SEWAGE DISPOSAL SYSTEM MUST BE INSTALLED BY A LICENSED INSTALLER.
7. SHOULD THE AREA SHOWN ON THIS PLAN FOR EFFLUENT DISPOSAL BE DISTURBED IN ANY MANNER OTHER THAN INSTALLATION OF THE SEPTIC SYSTEM, EOS IS RELIEVED OF LIABILITY AND ANY INFORMATION PROVIDED BY THIS PLAN SHOULD BE CONSIDERED NULL AND VOID.

**TRENCH DETAIL**



**SECTION OF LINE (TYPICAL)**



PROJECT NAME:

PLOT PLAN

Brynleigh Estates  
 Lot 1, Brynleigh Dr  
 Chelsea, Alabama

PROJECT NO:  
 DATE: 12-08-2021  
 DRAWN BY: TCW



208 Oak Mountain Circle  
 Pelham, AL 35124

**ENGINEERS OF THE SOUTH** Tel 205.327.9140  
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