

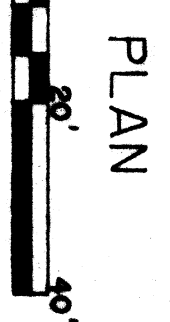
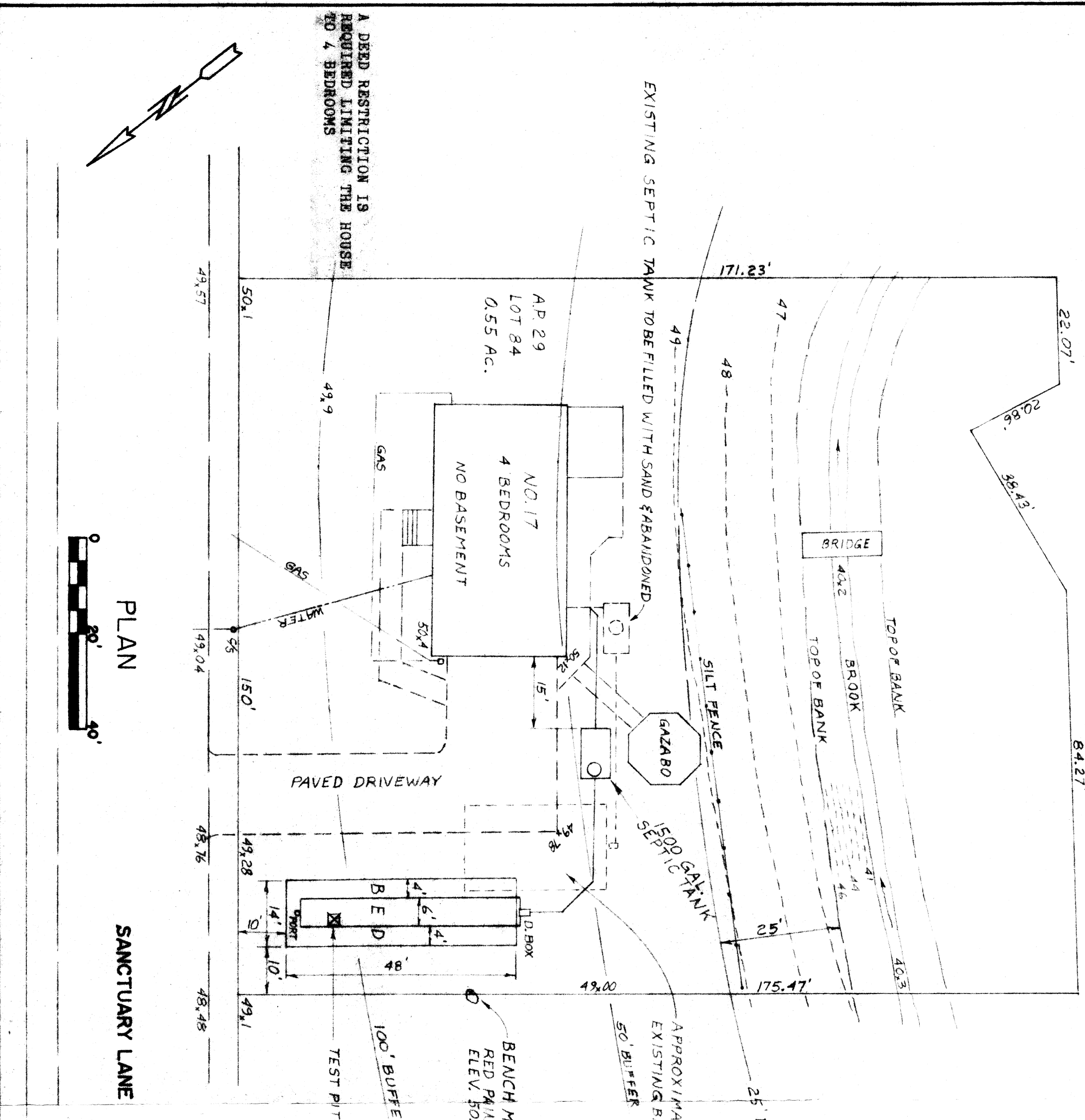
A = 1/8" TO 1/2" DOUBLE WASHED STONE (2" MINIMUM THICKNESS)  
 OR GEOTEXTILE FABRIC.  
 B = 3/4" TO 1 & 1/2" DOUBLE WASHED STONE.  
 C = 4" SCHEDULE 40 PERFORATED PIPE.  
 D = DISTRIBUTION BOX.  
 E = 1500 GALLON SEPTIC TANK OR 6" OF CRUSHED STONE.

ALL UNSUITABLE MATERIAL IS TO BE REMOVED FROM UNDER THE BED AND TO 5 FT. BEYOND AND REPLACED WITH TITL 5 SAND.

**SYSTEM PROFILE**

- NOTES:**
- DESIGN PERCOLATION RATE = 8 M.P.F.
  - DESIGN FLOW = 440 G.P.D.
  - REQUIRED LEACHING AREA = 440 x 1.515 = 666.6 S.F.
  - SELECT BED SIZE 1 1/2" 48" = 672 S.F.
  - ALL UNSUITABLE MATERIAL IS TO BE REMOVED FROM UNDER THE BED AND TO WITHIN 5 FT. OUTSIDE OF THE BED AND REPLACED WITH SAND CONFORMING TO 310 CMR 15.255(3).
  - SOIL EVALUATION PERFORMED BY EDWARD KINGMAN AND WITNESSED BETH HALLAL 1-5-12.
  - NOT DESIGNED FOR USE OF GARBAGE GRINDER.
  - ALL PIPE 4" SCHEDULE 40 EXCEPT AS NOTED.
  - APPLY MAGNETIC TAPE TO ALL COMPONENTS.
  - PUMP OUT SEPTIC TANK AT 3 YEAR INTERVALS.
  - CLEAN FILTER YEARLY.

I CERTIFY THAT THE WATER SERVICE CURB STOP LOCATION IS CORRECT AND THAT THE APPARENT WATER SERVICE LINE LOCATION IS MORE THAN 15 FT. FROM THE PROPOSED SEPTIC SYSTEM.

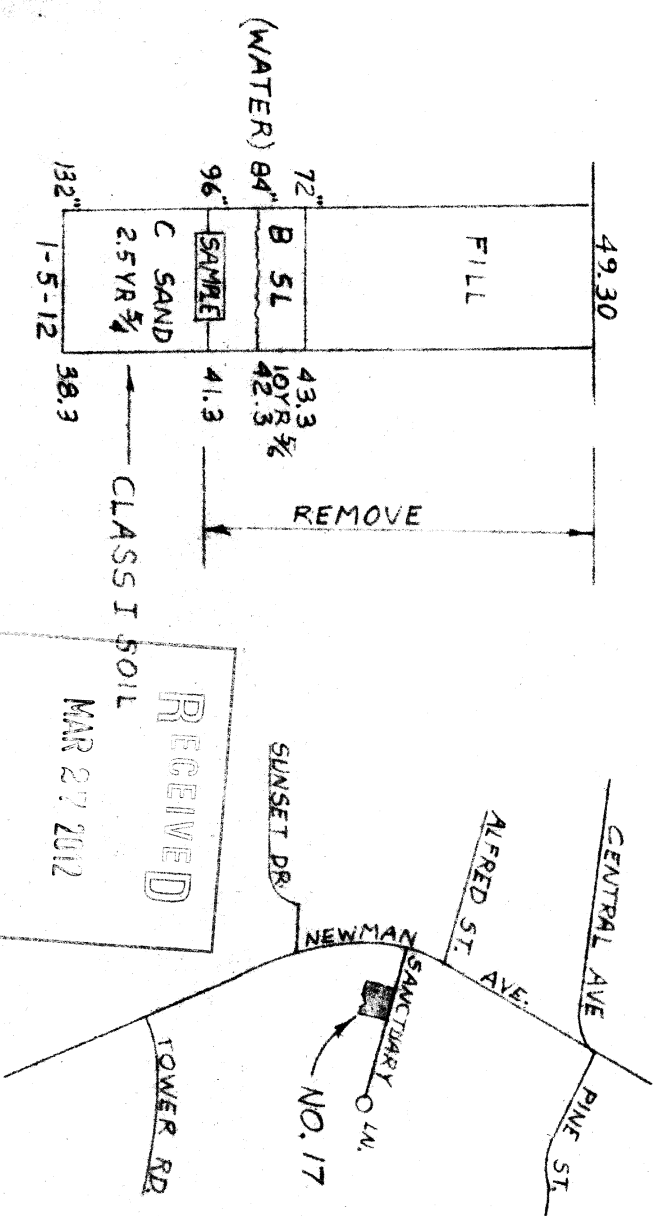


**PLAN**

**SANCTUARY LANE**

**REQUESTED VARIANCE:**  
 PERCOLATION RATE BY SIEVE ANALYSIS:  
 15.405(1)(1).

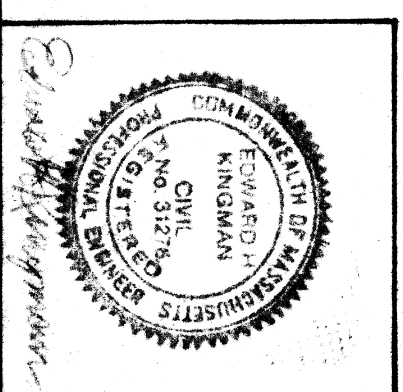
**SOIL LOG**



SIEVE ANALYSIS INDICATED CLASS 1 SOIL.  
 8 MIN. PER INCH IS THE DESIGN PERC RATE.

**FOCUS MAP**  
 17 Sanctuary Lake RDA

A VARIANCE IS REQUIRED



**REPAIR SEPTIC SYSTEM**

SCALE: 1" = 20'

DATE: 3-27-12

PREPARED FOR: **WESLEY & KRYSZYNA GRELA**

DRAWN BY: **EDWARD H. KINGMAN, P.E.**

DRAWING NUMBER: **508-536-1827**

SEEKONK