

**SOIL TESTING LOG**

TEST PERFORMED BY: R. MIZERECK  
 TEST WITNESSED BY: S. STEVENS  
 DATE(S): PERCS: 7/13,14/04 DEEP OBSERVATION HOLES: 7/13,14/04  
 PERCOLATION TEST #6A: DEPTH 46" RATE: 10 ELEV. 143.0  
 PERCOLATION TEST #6B: DEPTH 44" RATE: 12 ELEV. 143.5  
 SOIL CLASSIFICATION: 2

OH#6A ELEV. 143.0  
 0-10" A SL 10 YR 2/3  
 10-24" B FSL 10 YR 4/4  
 24-120" C FSL 10 YR 5/5  
 >5% Moieties @ 22" Elev. 141.17 10 YR 5/6, 5/2  
 GWIT @ 60"

OH#6B ELEV. 143.5  
 0-10" A SL 10 YR 2/3  
 10-22" B FSL 10 YR 4/4  
 22-90" C FSL 10 YR 5/4  
 >5% Moieties @ 22" Elev. 141.67 10 YR 5/6, 5/2  
 GWIT @ 60"

**LEGEND**

EXISTING CONTOURS  
 PROPOSED CONTOURS  
 PERCOLATION TEST PIT:  
 DEEP OBSERVATION HOLE:  
 WATER SUPPLY LINE:

**DESIGN CALCULATIONS**

**ESTIMATED DAILY SEWAGE FLOW**  
 4 Bedrooms x 110 Gal./Day/Bdr = 440 Gal./Day Flow

**SEPTIC TANK REQUIREMENTS**

200% Daily Flow = 880 Gals. Use 1500 Gal. Tank.

**LEACHING AREA REQUIREMENTS**

With soil class type 2 and a percolation rate of 12 min./inch. .60 Gal./Sq.Ft. allowed.  
 440 Total Flow gal./day ÷ .60 gal./sq.ft. = 733 Sq.Ft.  
 750 Square Feet Provided.

**GENERAL NOTES**

- 1500 Gallon precast concrete septic tank and PRIMARY AREA of: 15' x 50' Leach Field RESERVE AREA of: SAME
- All piping except distribution lines to be SCH40 and shall be watertight.
- All washed stone to be free of clay, iron, dust, fines, and have no more than .2% material finer than a #200 sieve.
- The installed system must be left exposed until the BOARD OF HEALTH inspects it and if required, the designing engineer also.
- Area to be used for the leaching facility shall be excavated to virgin ground. If unsuitable material is found at or below proposed elevation of bottom of leaching facility, it shall be removed and replaced with clean course sand or fine gravel.
- NO GARBAGE DISPOSAL UNIT TO BE INSTALLED UNLESS SYSTEM IS DESIGNED FOR ONE.
- NO BACKFLUSH FROM WATER FILTRATIONS SYSTEMS TO BE ALLOWED IN SYSTEM.
- THERE ARE NO WETLANDS WITHIN 100' OF SYSTEM EXCEPT AS NOTED.

COMMONWEALTH OF MASSACHUSETTS  
 BOARD OF HEALTH  
 Town of Templeton  
 PLAN REVIEW

This plan has been submitted and reviewed in compliance with 310 CMR 15.220 of the State Environmental Code and is part of the application for a Dipsosal Works Construction Permit. NO. \_\_\_\_\_ Dated: \_\_\_\_\_

THIS SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL WORK SATISFACTORY.

DESIGN: SA  
 DRAWN BY: SA  
 CHECKED:  
 DATE: 9/24/04  
 REVISED: 2/12/05  
 LOT LINES UPDATED

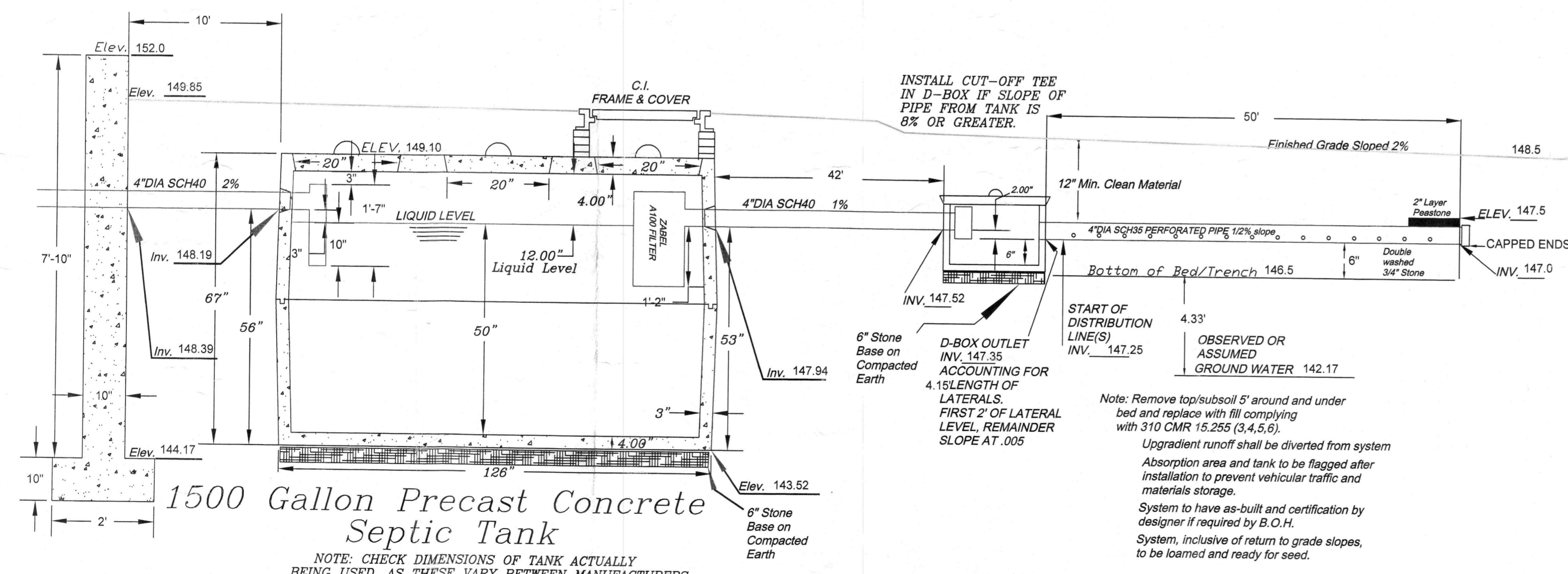
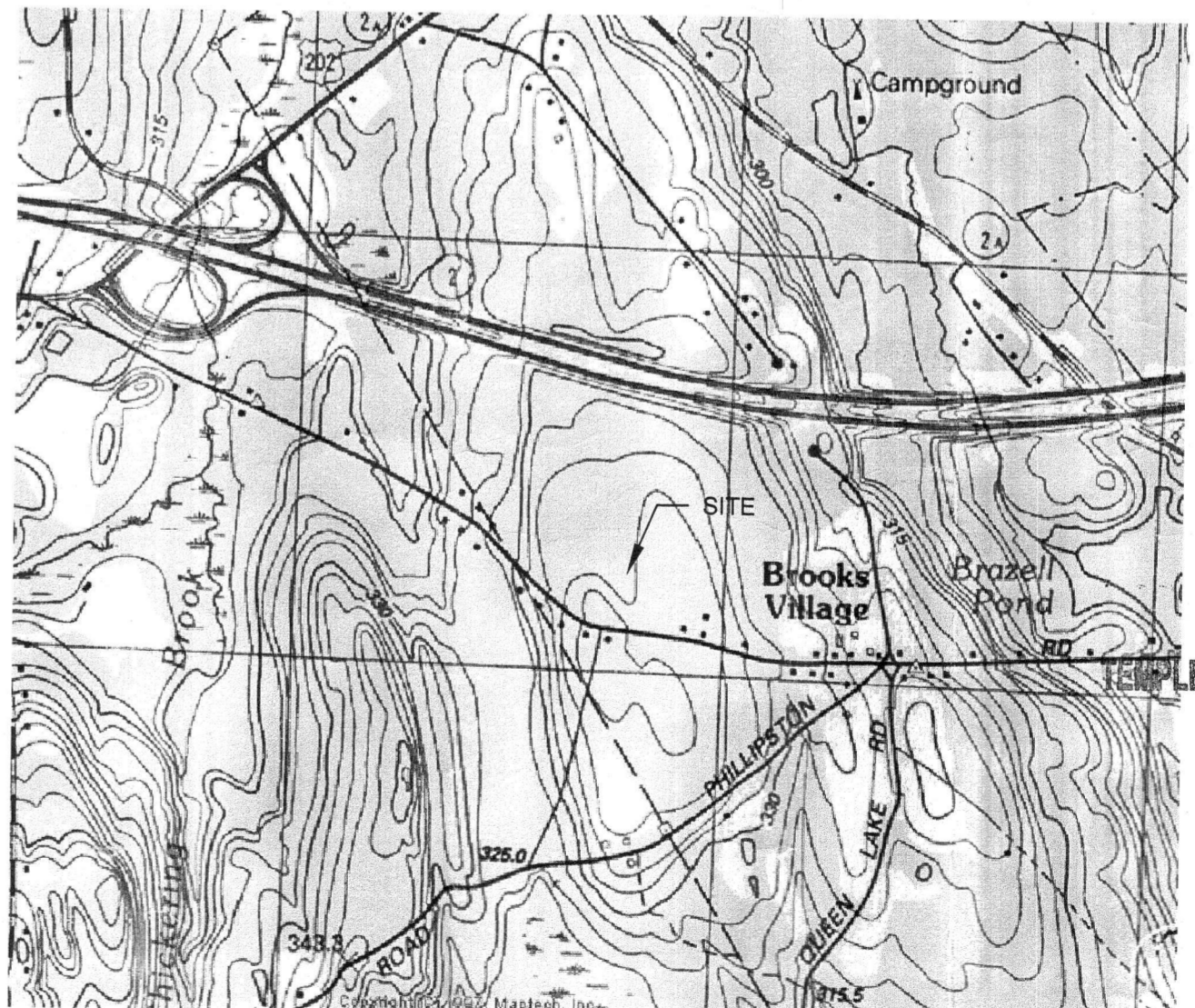
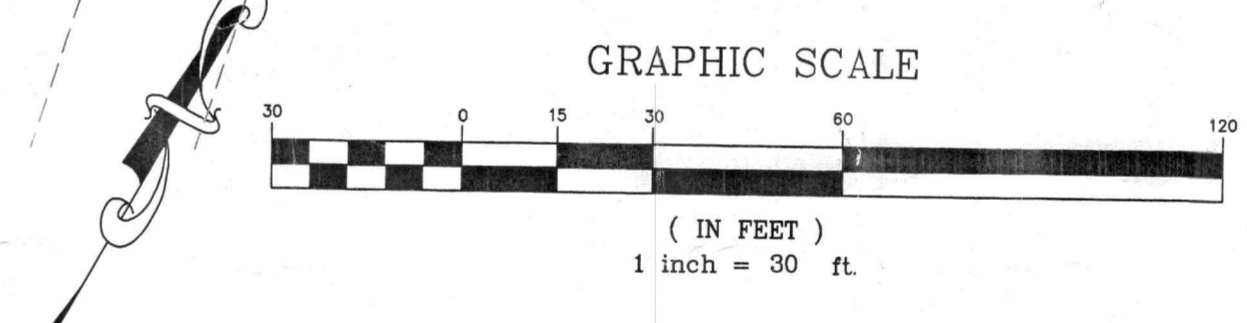
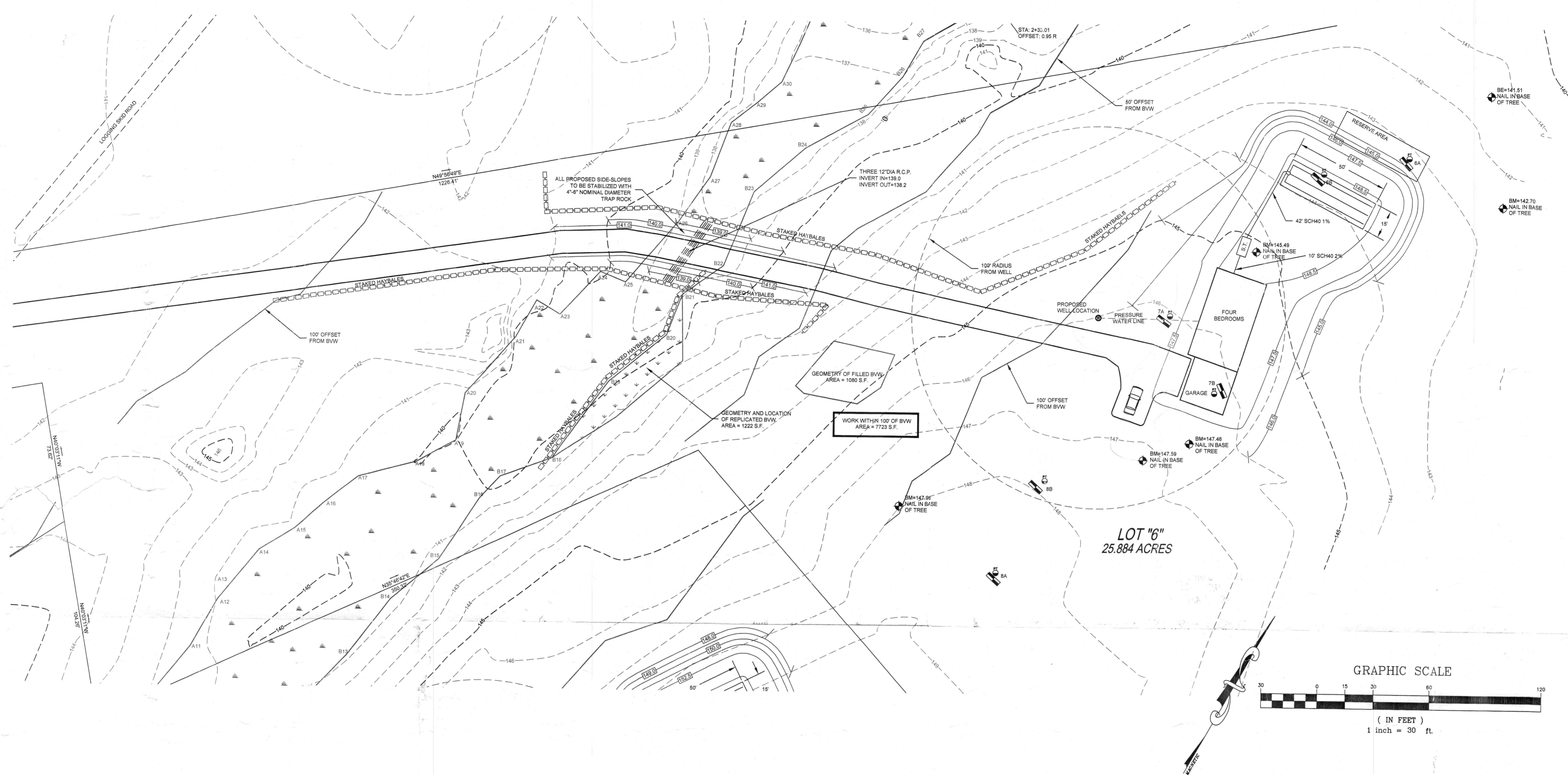
**SEWAGE DISPOSAL SYSTEM**  
 Four Bedroom Dwelling  
 on  
 Carruth Road

John Tuttle

LOT #6

**ALDRICH ENGINEERING**

Tel. (978) 249-6564 Fax. (978) 249-7748  
 P.O.B. 71 Winchendon, Massachusetts 01475



**1500 Gallon Precast Concrete Septic Tank**

NOTE: CHECK DIMENSIONS OF TANK ACTUALLY BEING USED, AS THESE VARY BETWEEN MANUFACTURERS

BOARD OF HEALTH and DESIGN ENGINEER SHALL BE NOTIFIED PRIOR TO ANY CHANGES IN CONSTRUCTION OF SYSTEM DIFFERING FROM THE PROPOSED PLAN. NO CHANGES TO LEACHING AREA ALLOWED.