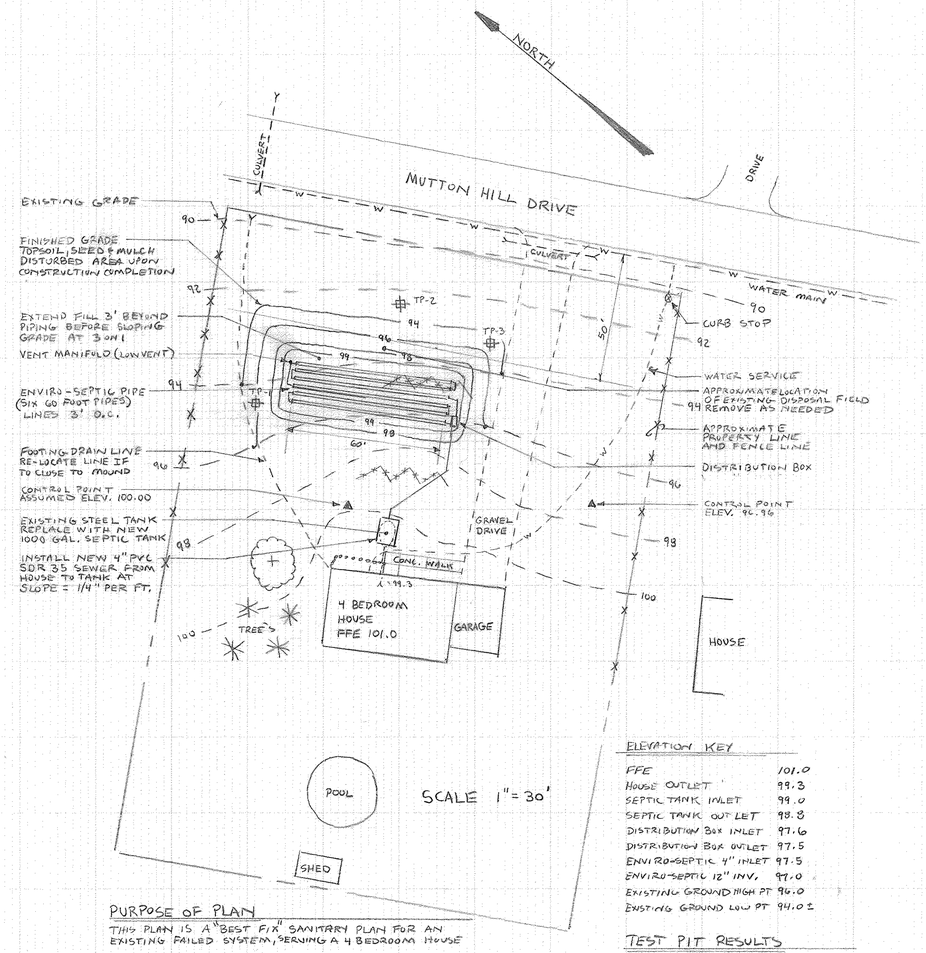


PURPOSE OF PLAN

THIS PLAN IS A "BEST FIX" SANITARY PLAN FOR AN EXISTING FAILED SYSTEM, SERVING A 4 BEDROOM HOUSE

BASIS OF DESIGN

THE ENVIRO-SEPTIC LEACHING SYSTEM FROM PRESBY ENVIRONMENTAL, INC. IS PROPOSED AS A "BEST FIX" TO A FAILED SYSTEM.

1. SEWAGE FLOW: 4 BEDROOM HOUSE AT 490 GPD
2. DESIGN PERCOLATION RATE: USE 60 MIN./INCH
3. REQUIRED ENVIRO-SEPTIC PIPE: 320 FT. (See Table A)
4. PRESBY PIPE PROVIDED: USE 6 LINES X 60' EACH = 360 FT.
5. PIPE SPACING: 3 FT. O.C. (See Table B)
6. REQUIRED SAND AREA: 968 SQ.FT. (See Table D)
7. SAND AREA PROVIDED: 60' x 22' = 1320 SQ FT, OK

ELEVATION KEY

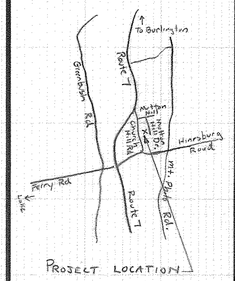
FFE	101.0
HOUSE OUTLET	99.3
SEPTIC TANK INLET	99.0
SEPTIC TANK OUTLET	98.8
DISTRIBUTION BOX INLET	97.6
DISTRIBUTION BOX OUTLET	97.5
ENVIRO-SEPTIC 4" INLET	97.5
ENVIRO-SEPTIC 12" INV.	97.0
EXISTING GROUND HIGH PT	96.0
EXISTING GROUND LOW PT	94.0 ±

TEST PIT RESULTS

TP-1 - TP3 (Results the same)
0-6" BLACK SANDY SILT
6"-36" GREY BROWN SILTY CLAY

PERCOLATION TEST RESULTS

USE 60 MINUTES PER INCH.



PROJECT LOCATION

1. Revision - remove high vent 11/18/08

STATE OF VERMONT
JOHN P. PITROWSKI
8104
CIVIL
LICENSED
PROFESSIONAL ENGINEER

Mr. & Mrs. Richard Hess

68 Mutton Hill Dr.
Charlotte, VT

Sanitary Plan

JOHN P. PITROWISKI, P.E.
9 MEADOW CREST ROAD
WATERBURY, VT 05676
PHONE 734-9630
DATE: 11/11/08

SP1