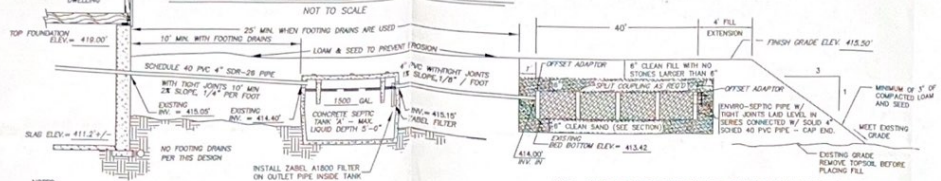
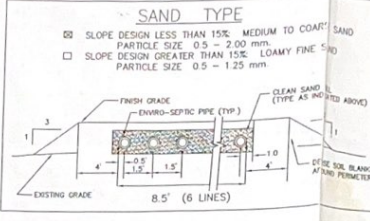


TYPICAL PROFILE OF PROPOSED SANITARY SYSTEM



- NOTES:
1. INLET AND OUTLET JOINTS TO SEPTIC TANK ARE TO BE SEALED WITH A NON-SHOWN MORTAR AND WATER PROOFED.
 2. ALL INSET ELEVATIONS AND GRACES ARE REFERENCED FROM T.B.M.
 3. DESIGNER SHALL BE NOTIFIED OF ANY CONDITIONS CONTRARY TO THOSE DEPICTED ON THIS PLAN.
 4. THIS SYSTEM IS NOT DESIGNED FOR THE USE OF GARBAGE DISPOSAL UNITS OR WATER SOFTENERS. IF EITHER ARE TO BE INSTALLED, CALL DESIGNER IMMEDIATELY.
- MANUFACTURER: HOWE SAND PRECAST OR EQUIV.
MATERIAL: CONCRETE
- NOTE: FILL REQUIRED UNDER THE EFFLUENT DISPOSAL AREA SHALL BE CLEAN BANK RUN SAND, FREE OF TOPSOIL OR HANGS, BEDDINGS, OR STONES MORE THAN 4" IN ANY DIMENSION EXCEPT THAT THE FIRST 6" DIRECTLY BENEATH THE EDA SHALL CONSIST OF MEDIUM TO COARSE TEXTURED SAND WITH AN EFFECTIVE SIZE OF 0.8 TO 2.0 MM AND GREATER THAN 28 PASSES THE #20 SIEVE, AND NO PARTICLES LARGER THAN 3/4" IF THE BED BOTTOM IS RAISED MORE THAN 3" PLACE COARSE TEXTURED SAND IN 18" LIFTS. CONSOLIDATE AND RAKE SURFACE PRIOR TO SETTING NEXT LIFE. EXTEND FILL 5' AROUND BED AND UNDER 3:1 SLOPES.



DESIGN CRITERIA

LEACH BED REQUIREMENTS:

4. BEDROOM DWELLING @ 150 GPD/BEDROOM = 600 GPD
PERC RATE = .12 MIN./INCH AT 24" = .220 LINEAR FEET OF ENVIRO-SEPTIC PIPE REQUIRED. USE .240 LINEAR FEET

NOTE: USE "ENVIRO-SEPTIC" LEACHING SYSTEM PIPES AS SUPPLIED BY PRESBY ENVIRONMENTAL, INC. BOX 817, SUGAR HILL, NH 03585-0617 TEL: (603) 823-5298

TEST PIT DATA

#128
DATE: SEPTEMBER 27, 2000
F.B.# TENN

0"	DARK YELLOWISH BROWN TOPSOIL & FOREST MATERIAL	101R	3/4"
5"	YELLOWISH BROWN SANDY LOAM	101R	5/8"
14"	BROWN LARGE SIZED ROCKS LOOSE GRANULAR	101R	5/3"
26"	PALE BROWN DENSE FIRM TILL W/MOLES	101R	8/3"
50"			

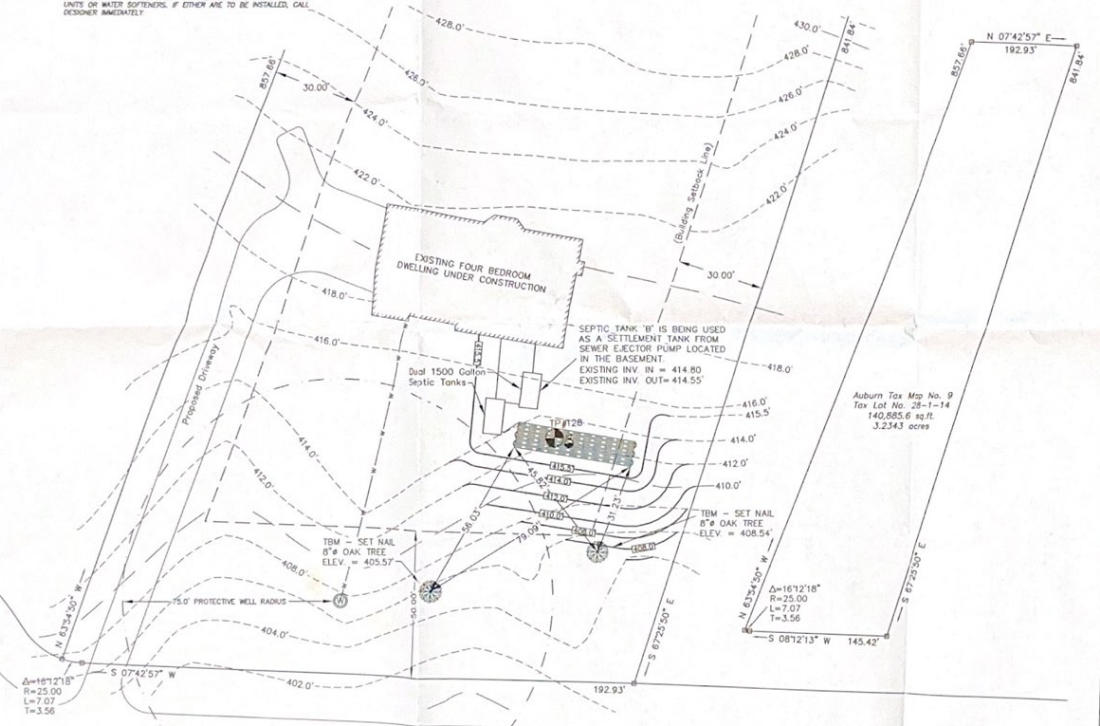
ROOTS TO 29"
LEDGE AT 50"
OBSERVED WATER NONE TO 50"
SH W.T. EST. @ 26"
PLUC TEST 12 MIN./IN. AT 24"

TYPICAL CROSS SECTION

ENVIRO-SEPTIC LEACHING SYSTEM DESIGN

NOTES

1. THIS SYSTEM IS DESIGNED ONLY FOR SANITARY SEWAGE ASSOCIATED WITH NORMAL DOMESTIC USAGE OF A SINGLE FAMILY HOME. THIS SYSTEM IS NOT DESIGNED FOR GARBAGE DISPOSAL/GRINDER, JACUZZI, SAUNA, HOT TUB, POOL OR WATER TREATMENT SYSTEM DISCHARGE, PETROLEUM, INDUSTRIAL CHEMICAL OR HAZARDOUS WASTES, OR ROOF, FLOOR OR FOUNDATION DRAINS. THE DESIGN CRITERIA MAY BE MODIFIED TO INCLUDE ONE OR MORE OF THE EXCLUDED DESIGN ITEMS (I.E. IF A GARBAGE DISPOSAL IS TO BE USED, THE SEPTIC TANK MUST BE INCREASED BY 50% AS PER ENV WS. 1010.01 (C)), BUT ONLY WITH THE WRITTEN APPROVAL OF THE DESIGNER.
2. IF FAILURE OF THE PROPOSED SYSTEM SHOULD OCCUR, A REPLACEMENT SYSTEM MAY NEED TO BE BUILT IN THE SAME PLACE.
3. A LICENSED INSTALLER IS REQUIRED FOR THE SEPTIC SYSTEM CONSTRUCTION. THIS OFFICE ASSUMES NO RESPONSIBILITY FOR SYSTEMS NOT PROPERLY INSTALLED OR INSTALLED CONTRARY TO THIS DESIGN.
4. INSTALLATION OF ALL ENVIRO-SEPTIC SYSTEMS IS TO BE IN STRICT ACCORDANCE WITH THE ENVIRO SEPTIC DESIGN & INSTALLATION HANDBOOK FOR THE STATE OF NEW HAMPSHIRE (REV. APRIL, 2003).
5. N.H. - DEPARTMENT OF ENVIRONMENTAL SERVICES REGULATIONS AND SETBACKS WILL BE MAINTAINED UNLESS TOWN REGULATIONS ARE MORE RESTRICTIVE.
6. NO SURFACE WATER IS WITHIN 75 FEET OF THE SEPTIC TANK OR LEACH BED.
7. DESIGN INTENT - BED BOTTOM TO BE 0.83 FT. ABOVE ORIGINAL GRADE AT THE HIGHEST POINT OF THE BED (EL. 414.2').
8. THE OWNER SHALL BE RESPONSIBLE FOR COMPLYING WITH THE OPERATING REQUIREMENTS OF ENV WS. 1023.
9. NO VEHICLES ARE ALLOWED OVER ANY PORTION OF THE LEACHING SYSTEM.



CEDAR CREST ROAD

- REVISION BOX -

△ EXISTING CA APPROVAL NO. CA2006082366 ON 8/1/06	REL	8/29/2006
△ SHOW ACTUAL TANK AND BED LOCATIONS	REL	8/29/2006

Dig Safe Systems, Inc.
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1-888-616-5476
digsafe.com

R.S.L. LAYOUT & DESIGN, INC. ASSUMES NO LIABILITY IN THE PREPARATION OF THIS PLAN WITH RESPECT TO INSTALLATION AND OPERATION UNLESS CONTRACTED TO INSPECT AND APPROVE ALL MATERIALS AND PROCEDURES USED TO INSTALL SYSTEM AS DESIGNED AND TO VERIFY S&D INSTALLATION.

SOIL TYPE MOC

CHATELAIN-POLLS-CANTON COMPLEX
AS TO 12% SLOPES VERY STONY
BASED ON THE SOIL SURVEY OF ROCKINGHAM COUNTY, NH ISSUED BY THE US D.A. 24-5.
DATED OCTOBER 1994 AND SHOWN ON SHEET NUMBER 23



SUBSURFACE SEPTIC DESIGN FOR LOT NO. 28-1-14

THE MINER ESTATES
SITUATED IN THE TOWN OF
AUBURN, NH

TOWN OF AUBURN
Approved: *Valerie A. [Signature]*

STATE OF NH WS & FCC SUBDIVISION APPROVAL NO. SA 2001-00074
OWNER: PEAK DEVELOPMENT CORPORATION, BOX 2679 - PG 0254 RIGLD
AUBURN, NH 03052
TEL: 603-669-1329
CELL: 603-299-9979

DESIGNER:
RSL
LAYOUT & DESIGN, INC.
DESIGNER PERMIT NO. 009
77 MAIN STREET - RAYMOND, NH 03077
PH: 603-885-3988 - WWW.RSLDESIGN.COM

DATE: JULY 20, 2006
JOB NO: 4026-28-1-14
P. D. NO: 411 & 428