

No. 92-26

Repair

#17

Pd. 160⁰⁰
C4 5234
D No 15W

FEE

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF AMHERST

Application for Disposal Works Construction Permit

Application is hereby made for a Permit to Construct () or Repair () an Individual Sewage Disposal System at:

Location - Address 17 STAGE COACH RD. BK. 69 Pg. 186 LOT 234
Owner DAVE NEILSON Address SAME
Installer KARL S Address

Type of Building
Dwelling - No. of Bedrooms 3 Expansion Attic () Garbage Grinder () ^{TO BE REMOVED}
Other - Type of Building Res. No. of persons. Showers () - Cafeteria ()
Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 445.5 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 102" Width 50" Diameter. Depth 48"
Disposal Trench - No. Width 18" Total Length 45' Total leaching area 210 sq. ft.
Seepage Pit No. Diameter. Depth below inlet. Total leaching area. sq. ft.
Other Distribution box () Dosing tank () COLD SPG. EVU. CONS., INC.
Percolation Test Results Performed by A. WEISS R.S. Date 10-1-92
Test Pit No. 1 4 minutes per inch Depth of Test Pit 3' Depth to ground water 6'
Test Pit No. 2. minutes per inch Depth of Test Pit. Depth to ground water.

Description of Soil 22"-39" Brown-orange med. - coarse sand little gravel.
39"-8" Lt brown F-C sandy, silty till, denser w/ depth.

Nature of Repairs or Alterations - Answer when applicable NEW Leach Bed

Agreement:
The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Environmental Code - The undersigned further agrees to place the system in operation until a Certificate of Compliance has been issued by the board of health.



Signed Alan E. Weiss 10/15/92
Application Approved By David Zuzenok 10/16/92
Application Disapproved for the following reasons:

AK memo
check 200 pages
11/23/92

Permit No. 92-26 Issued 10/16/92 Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Certificate of Compliance

RUNWILGA
for Karl's Excav

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired () by KARL S Installer

at 17 Stage Coach Road has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the application for Disposal Works Construction Permit No. 92-26 dated

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE Inspector

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

No. 92-26

FEE

Pd 160⁰⁰
C4 5234

Disposal Works Construction Permit

Permission is hereby granted DAVID NEILSON to Construct () or Repair () an Individual Sewage Disposal System at No. 17 STAGE COACH RD.

as shown on the application for Disposal Works Construction Permit No. 92-26 Dated 10/16/92
Board of Health

(AW)

Inspected

11/18/42

9:15-9:40

OK

* mae fill on
low and end
Sides.



92-26

TOWN OF AMHERST

CK# 5234
P# 160⁰⁰
10/1/92
David Nielson

PERC TEST DATA SHEET

DATE 10/1/92 LOCATION 17 STAGECOACH ROAD LOT SIZE _____

OWNER DAVID NIELSON ADDRESS 17 STAGECOACH RD TELE # 253-5842

P.E./RS ALAN WEISS FIRM COLD SPRING ENV. OBSERVED BY DAVID ZARUZZI

BACK HOE OPERATOR KARL'S BENCH MARK _____

PERC DEPTH 58" PRE SOAK TIME 9:46- PERC DEPTH 38" PRE SOAK TIME 10:58

TEST (4) 10:58 - 11:15 7" 1132

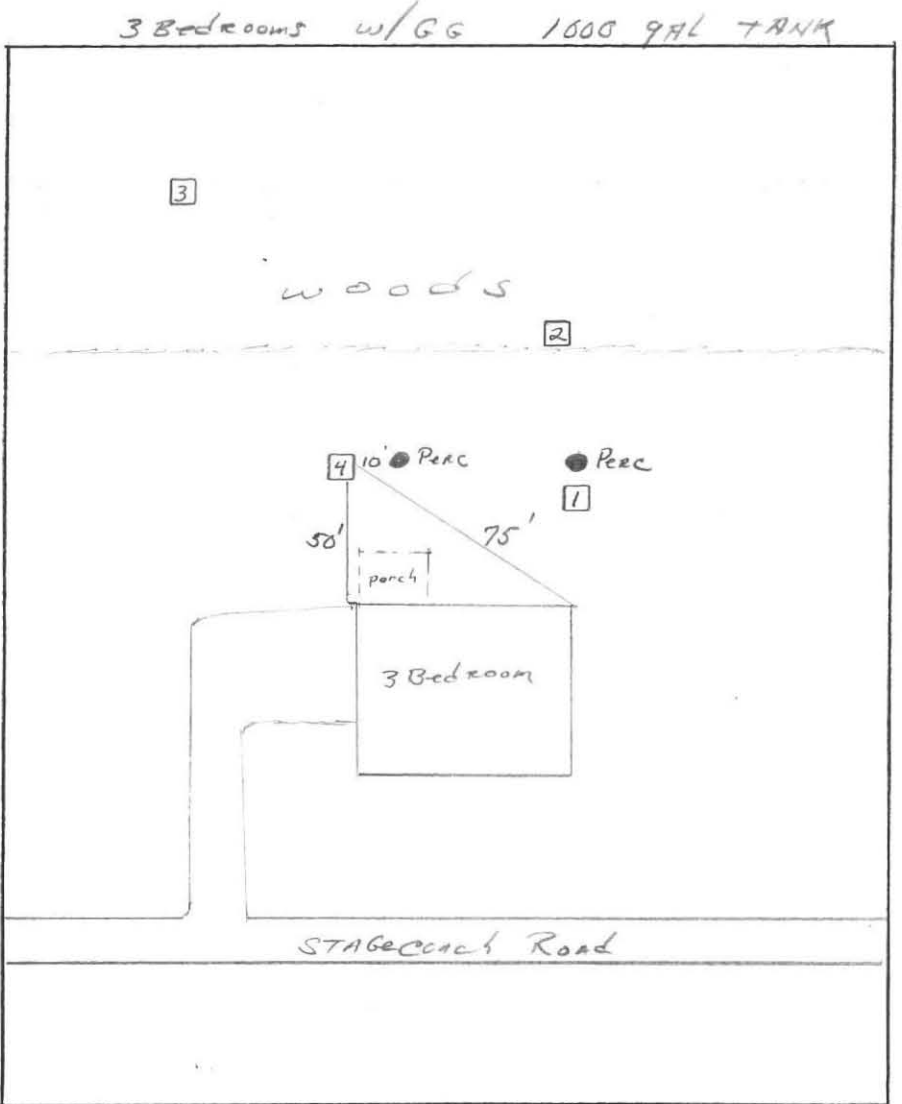
11:15 12" 6" 11:36

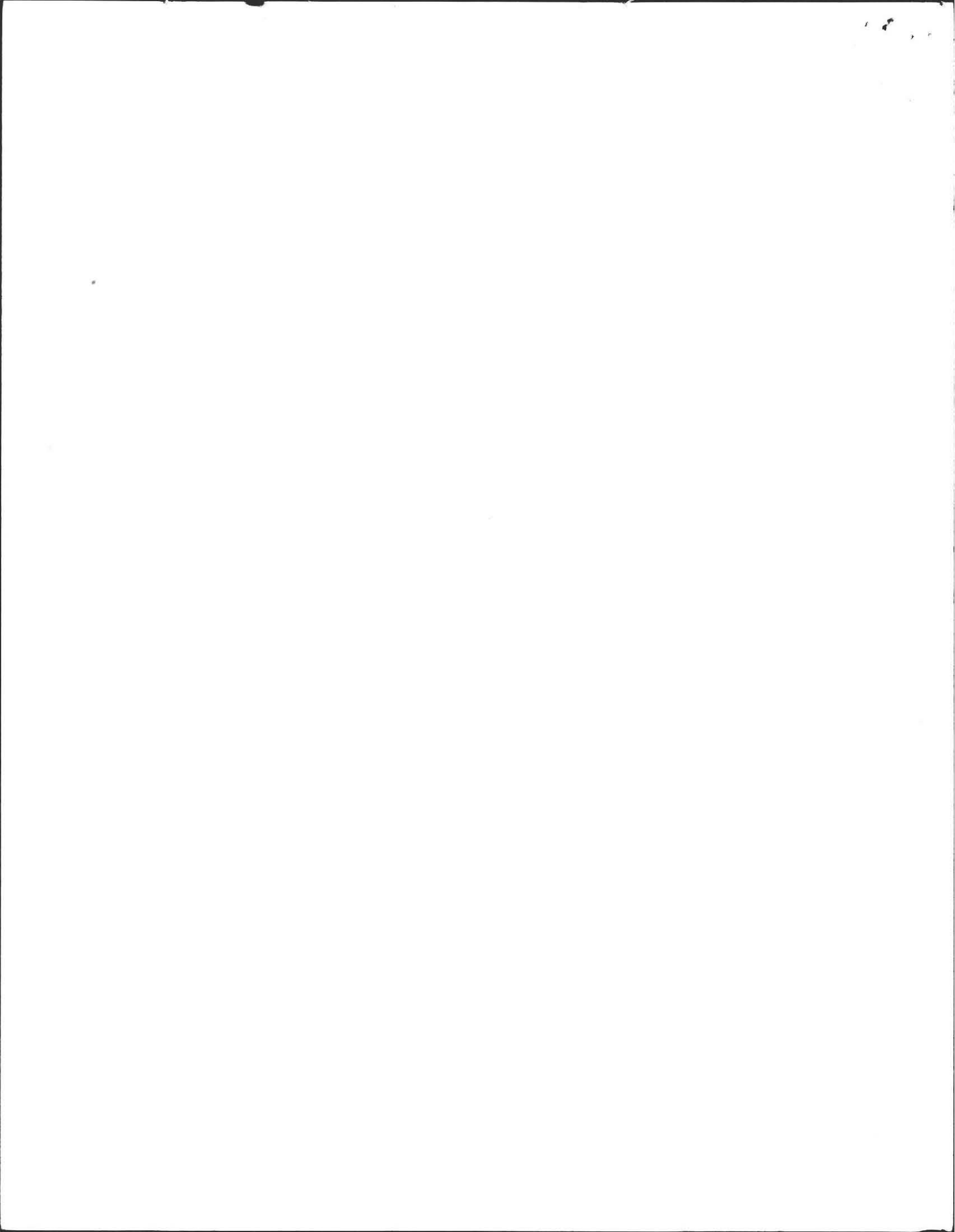
11:24 9"

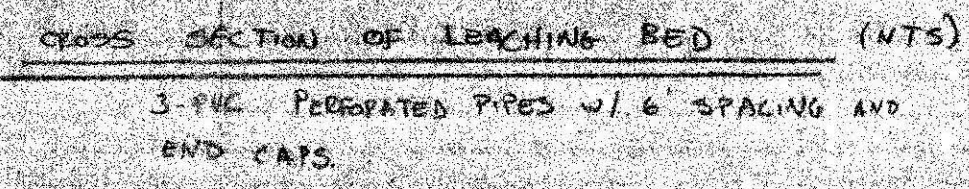
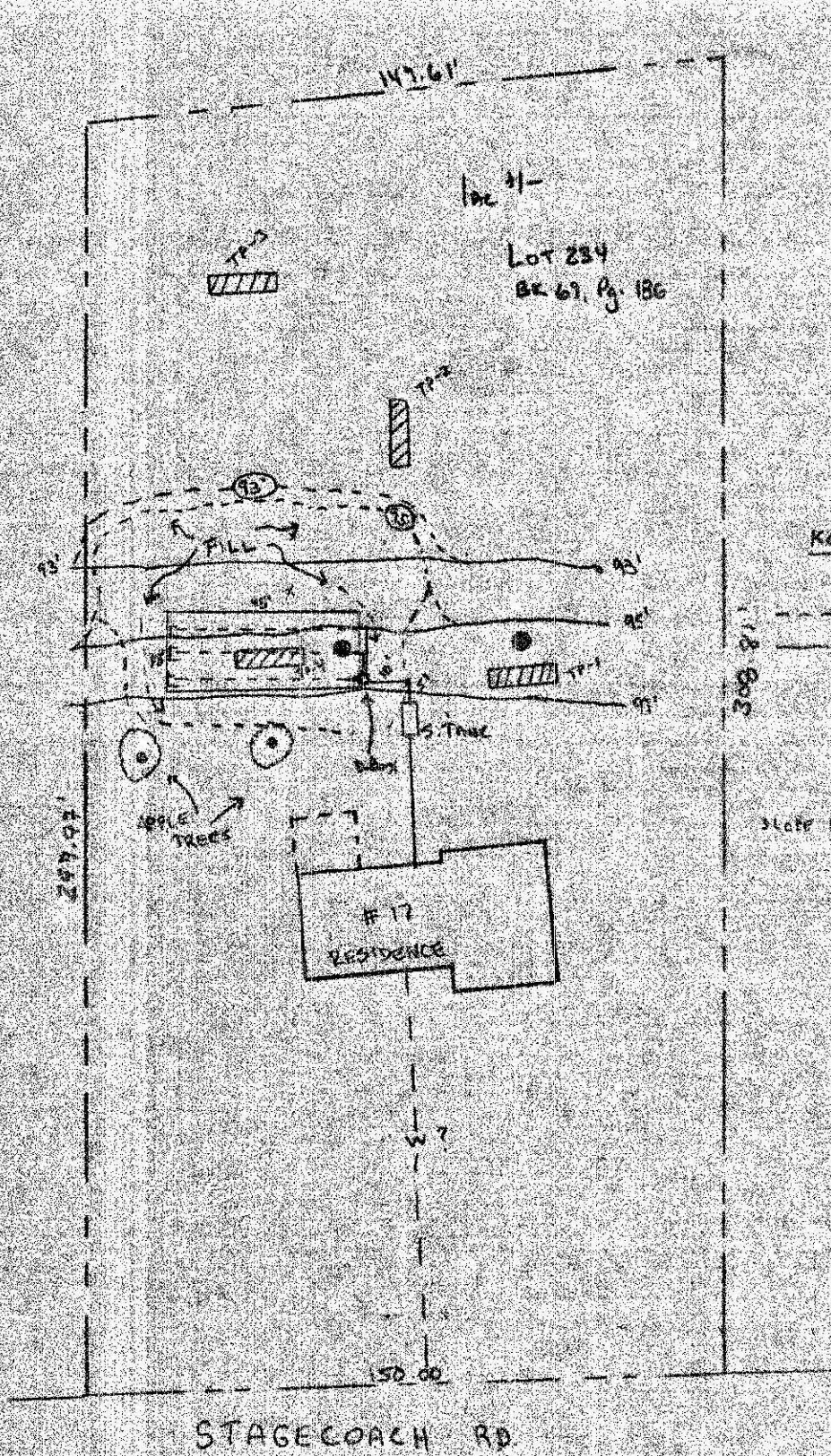
11:28 8"

RATE (4) RATE _____

# 1	# 2
TOP 5"	TOP 12"
SUB 32"	SUB 30"
silty Brown med fine sand + compact gravel water 11'	SAME 7'
# 3	# 4
TOP 6"	TOP 9"
SUB 12"	SUB 22"
Seepage 5' SAME 6 1/2'	Orange/Brown med sand 39" Seepage 6' FINE coarse sand Some gravel compact 8'
TOP	TOP
SUB	SUB







TEST PIT LOGS

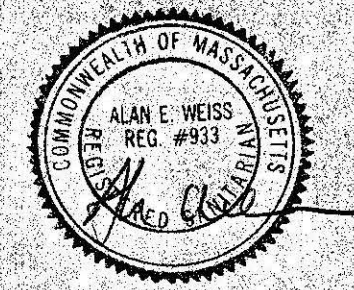
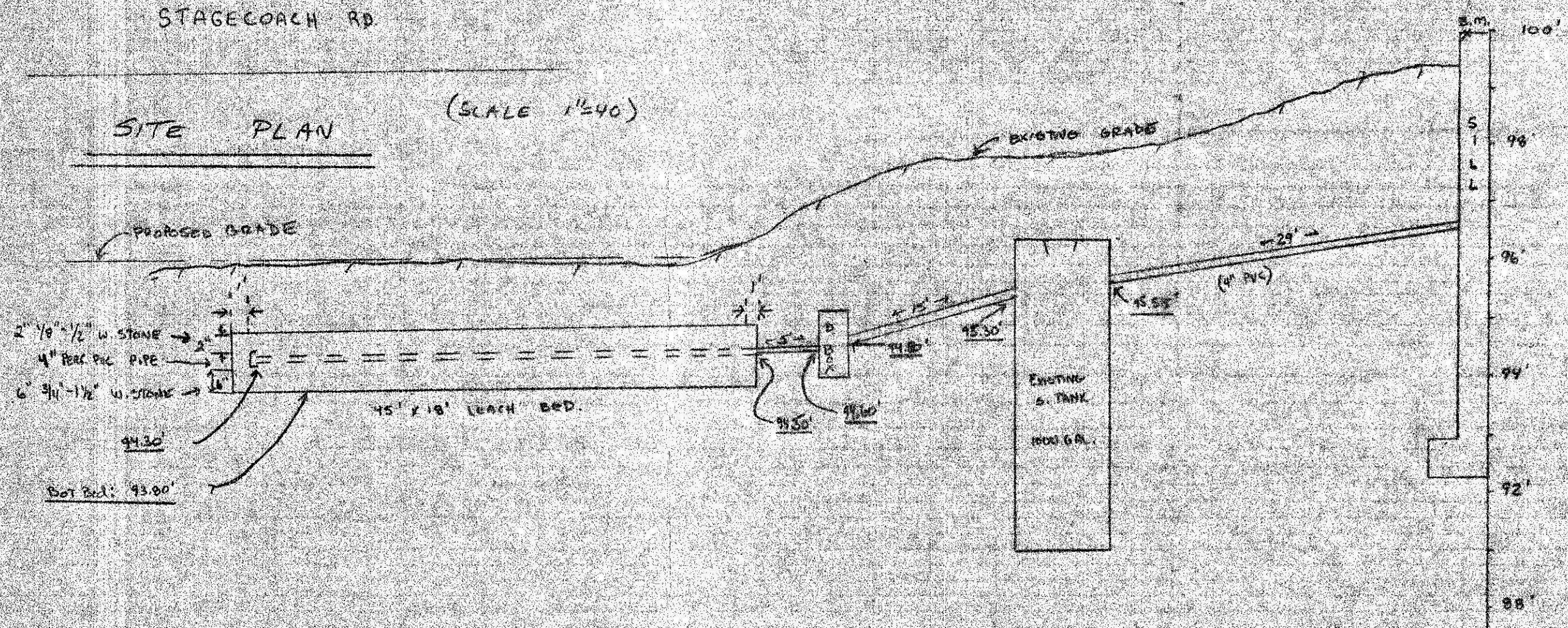
TR-4 (95.00')	SOIL LOG
0'-9"	SILTY LOAM
9'-22"	ORANGE BROWN SANDY LOAM
22'-39"	ORANGE BROWN MED. COARSE SAND + GRAVEL
39'-8'	Lt. BROWN FINE TO COARSE SANDY TILL, SOME SILT, DENSE WITH DEPTH.

Head AT 6' ON

DESIGN NOTES:

1. PERC OF 1/4" MIN/IN AT 38" (PV) ON 10/1/92.
2. USE 10 MIN/IN FOR DESIGN. (ACCOMMODATES LOWER MAT'L)
3. $3 \text{ BE} \times 110 \frac{\text{GAL}}{\text{DAY}} \times 1.25 = 412.5 \frac{\text{GAL}}{\text{DAY}}$
4. ONE 45' x 18' BED = $910 \frac{\text{GAL}}{\text{DAY}} \times .55 \frac{\text{GAL}}{\text{CF}} \rightarrow 445.5 \frac{\text{GAL}}{\text{DAY}}$
5. GAGE DISPOSED ON SINK TO BE DISCONNECTED.
6. WATER (LOCAL SUPPLY) AS NOTED. NO WELLS WITHIN 200'.
7. NO WETLANDS OR SURFACE WATER WITHIN 200'.
8. ADD FILL AS NOTED. REMOVE LOAM PRIOR TO FILL PLACEMENT IN ALL AREAS.
9. PLACE FILL IN ACCORDANCE WITH AMHERST GUIDELINES.
10. INSPECT S-TANK AND REPAIR ONLY IF NECESSARY.

SITE PLAN (SCALE 1"=40')



SEPTIC SYSTEM PLAN FOR DAVE NELSON
17 STAGECOACH RD, AMHERST, MA.

SCALE: NOTED APPROVED BY: DRAWN BY: AW

DATE: 10/10/92

COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.

BELCHERTOWN, MA. 323-5957 DRAWING NUMBER: 92-220-0925