

133 FAT HILLS



No. 93-14

#133

9/12/93
CH 0226 Pd 160.00

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:

133 FLAT HILLS RD Location - Address
133 FLAT HILLS RD or Lot No.
PHIL JONES Owner
KARL S Installer
Address

Type of Building
Dwelling - No. of Bedrooms 3 Expansion Attic (✓) Garbage Grinder (✓)
Other - Type of Building No. of persons Showers () - Cafeteria ()
Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 656.70 gallons.
Septic Tank - Liquid capacity 1500 gallons Length 10.5' Width 3.3' Diameter - Depth 55"
Disposal Trench - No. 3 Width 3' Total Length 42' Total leaching area 630 sq. ft.
Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.

Other Distribution box (✓) Dosing tank ()
Percolation Test Results Performed by A. WEISS, RS. Date 9/12/93
Test Pit No. 1 6 minutes per inch Depth of Test Pit 10.5' Depth to ground water N/A
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil TAN-Grey FINE - medium sandy till, some stones

Nature of Repairs or Alterations - Answer when applicable New leaching trenches, inspect S.TANK + replace if necessary

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 not to place the system in operation until a Certificate of Compliance has been issued by the board of health.

Signed Phillip Jones * 9-16-93
Application Approved By David Jaeger for Amherst Health Dept 9/16/93
Application Disapproved for the following reasons:

Permit No. 93-14 Issued Date
9/30/93
Final Insp.

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH
TOWN OF AMHERST
Certificate of Compliance

Alan Kenyon

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

at 133 FLAT HILLS RD
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. 93-14 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. 93-14

CH 0226
FEE 160.00
Pd 9/12/93

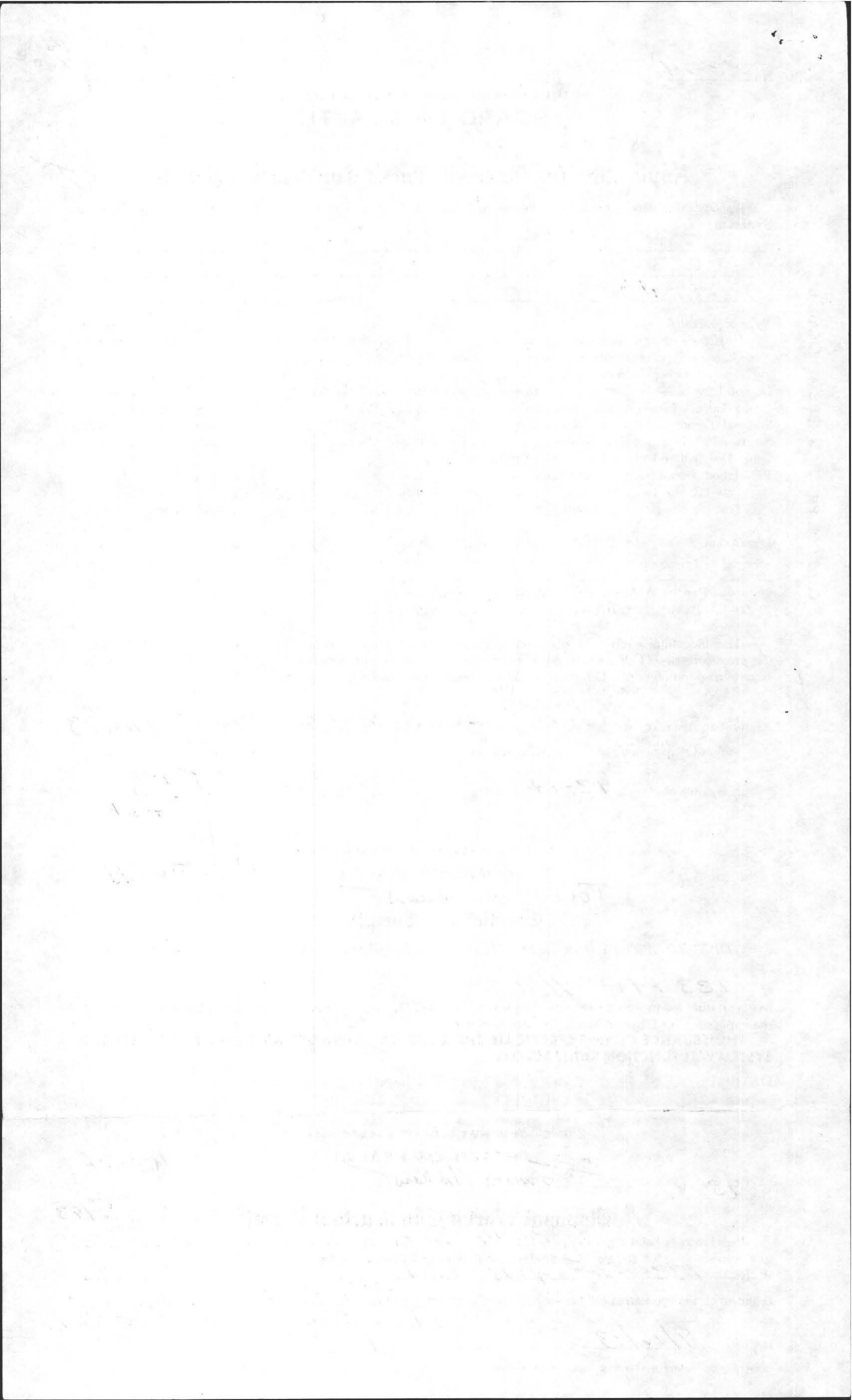
Disposal Works Construction Permit

Permission is hereby granted Phillip Jones
to Construct () or Repair (✓) an Individual Sewage Disposal System
at No. 133 FLAT HILLS RD Street

as shown on the application for Disposal Works Construction Permit No. 93-14 Dated
David Jaeger for A. H. Dept. Board of Health

DATE 9/16/93

CHECK OR FILL IN WHERE APPLICABLE



TOWN OF AMHERST

PERC TEST DATA SHEET

12 miles
Pd 160 00
CK 0226
9/2/93

DATE 9/2/93 LOCATION 133 Flat Hills Road LOT SIZE _____

OWNER Phillip Jones ADDRESS 133 Flat Hills Rd TELE # 253-2259

P.E./RS AL Weiss FIRM Cold Spring Env OBSERVED BY DAVID ZARCINSKI

BACK HOE OPERATOR MARL'S BENCH MARK _____

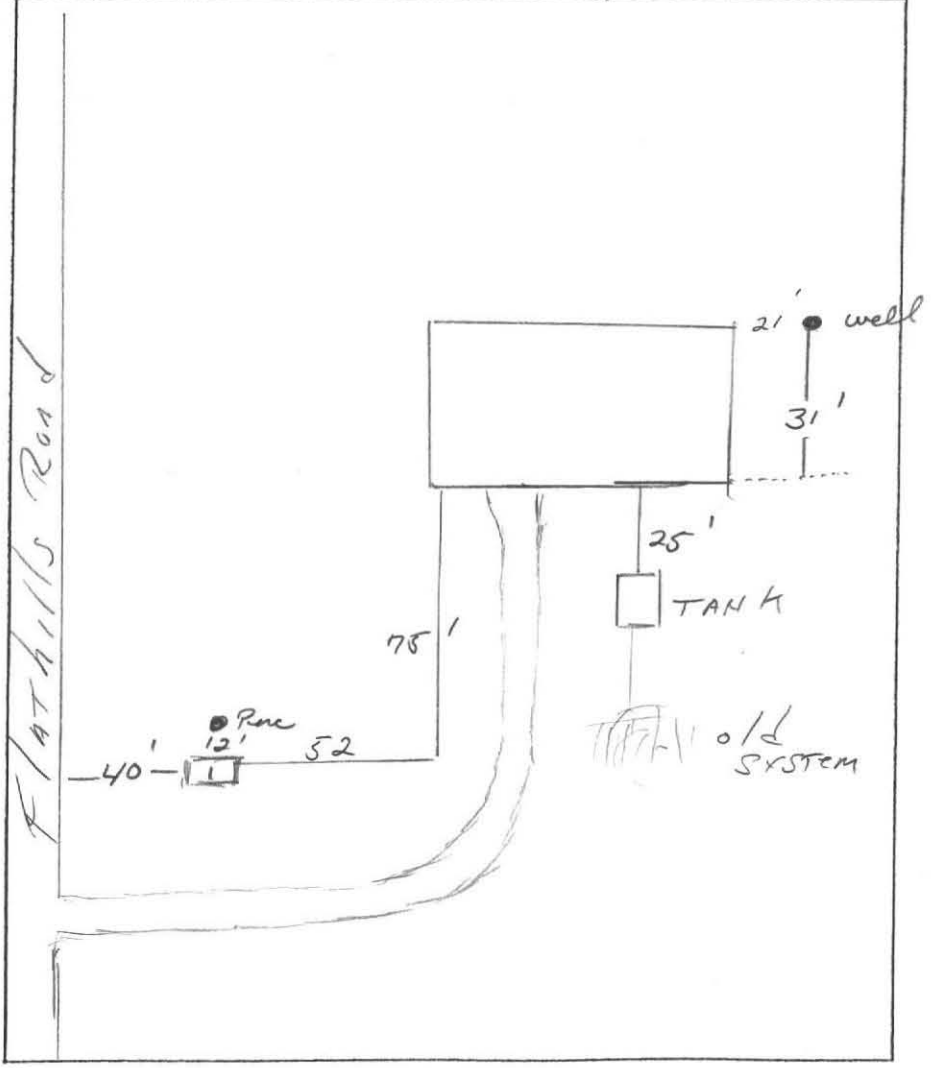
PERC DEPTH 50" PRE SOAK TIME 8:50 PERC DEPTH _____ PRE SOAK TIME _____

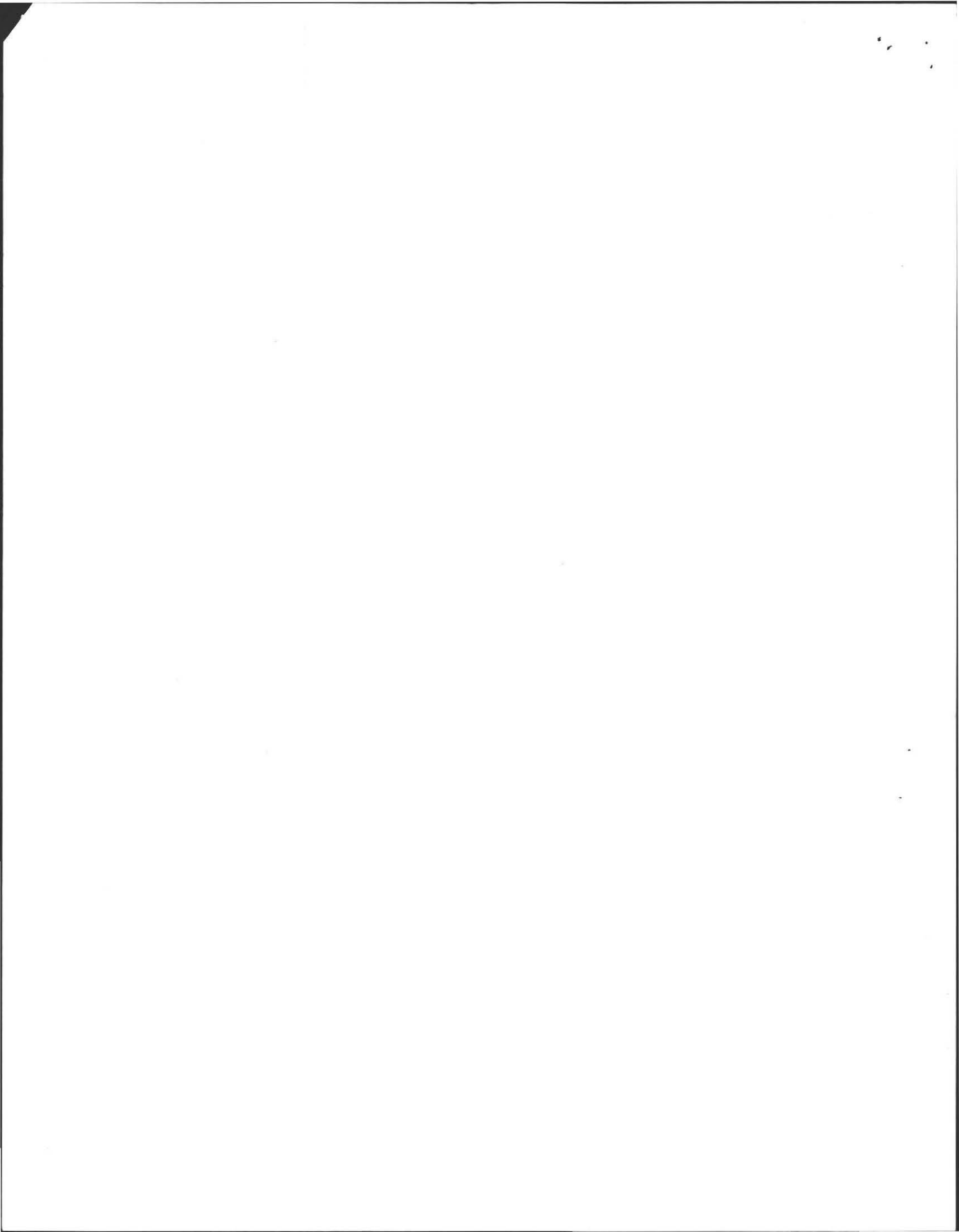
TEST	<u>12"</u>	<u>9:05</u>	<u>8"</u>	<u>9:21</u>	_____	_____
	<u>11"</u>	<u>9:09</u>	<u>7"</u>	<u>9:27</u>	_____	_____
	<u>10"</u>	<u>9:12</u>	<u>6"</u>	<u>9:33</u>	_____	_____
	<u>9"</u>	<u>9:17</u>			_____	_____

RATE (6) RATE _____

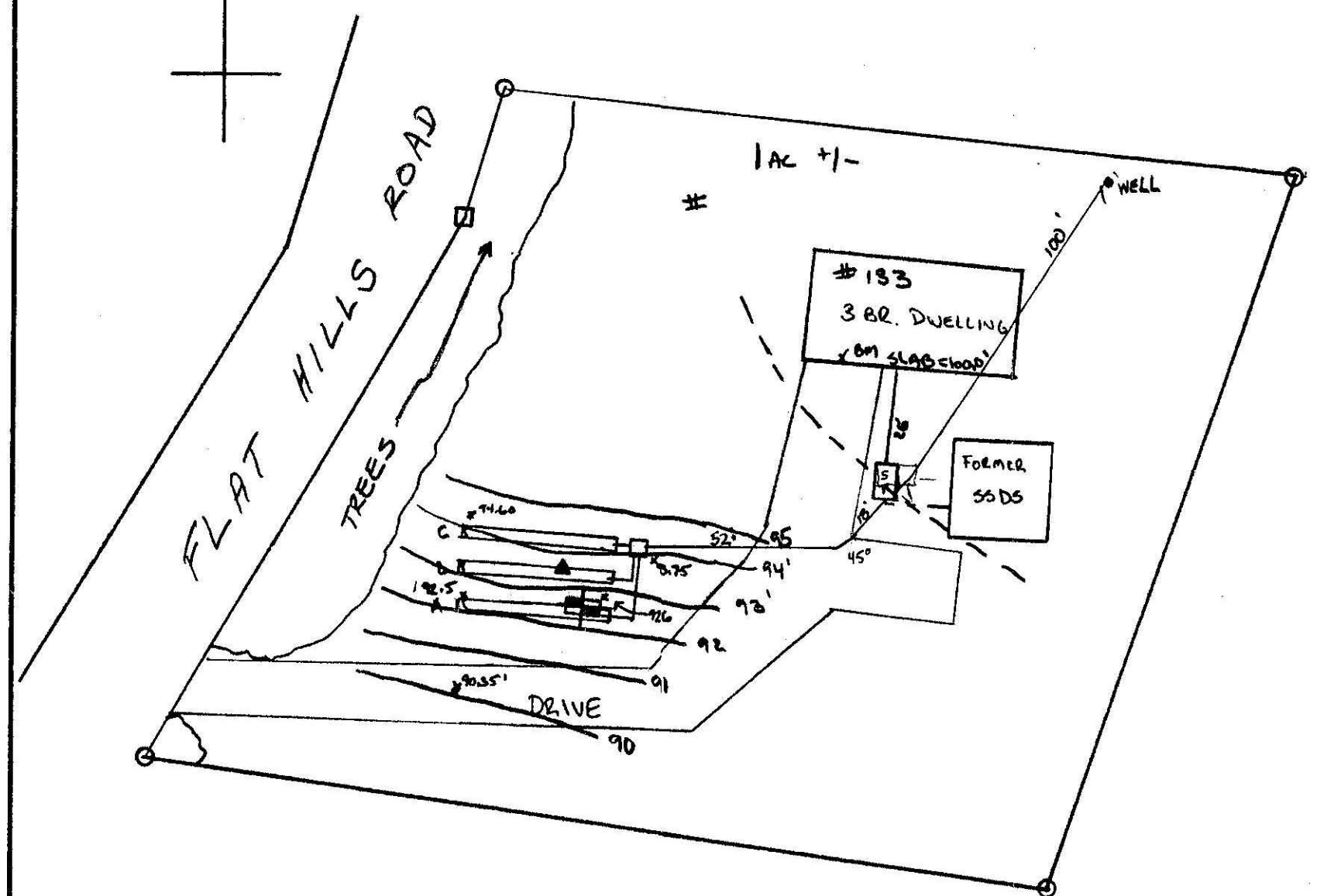
1	TOP <u>8</u>	TOP
	LT Brown SUB <u>16</u>	SUB
	Tail-Coy Fine med. Sandy T. H. Little gravel Some stones	
	<u>DRY 10' 6"</u>	
TOP	TOP	
SUB	SUB	
TOP	TOP	
SUB	SUB	

3 Bedroom w/ Garden





SITE PLAN (1"=40')

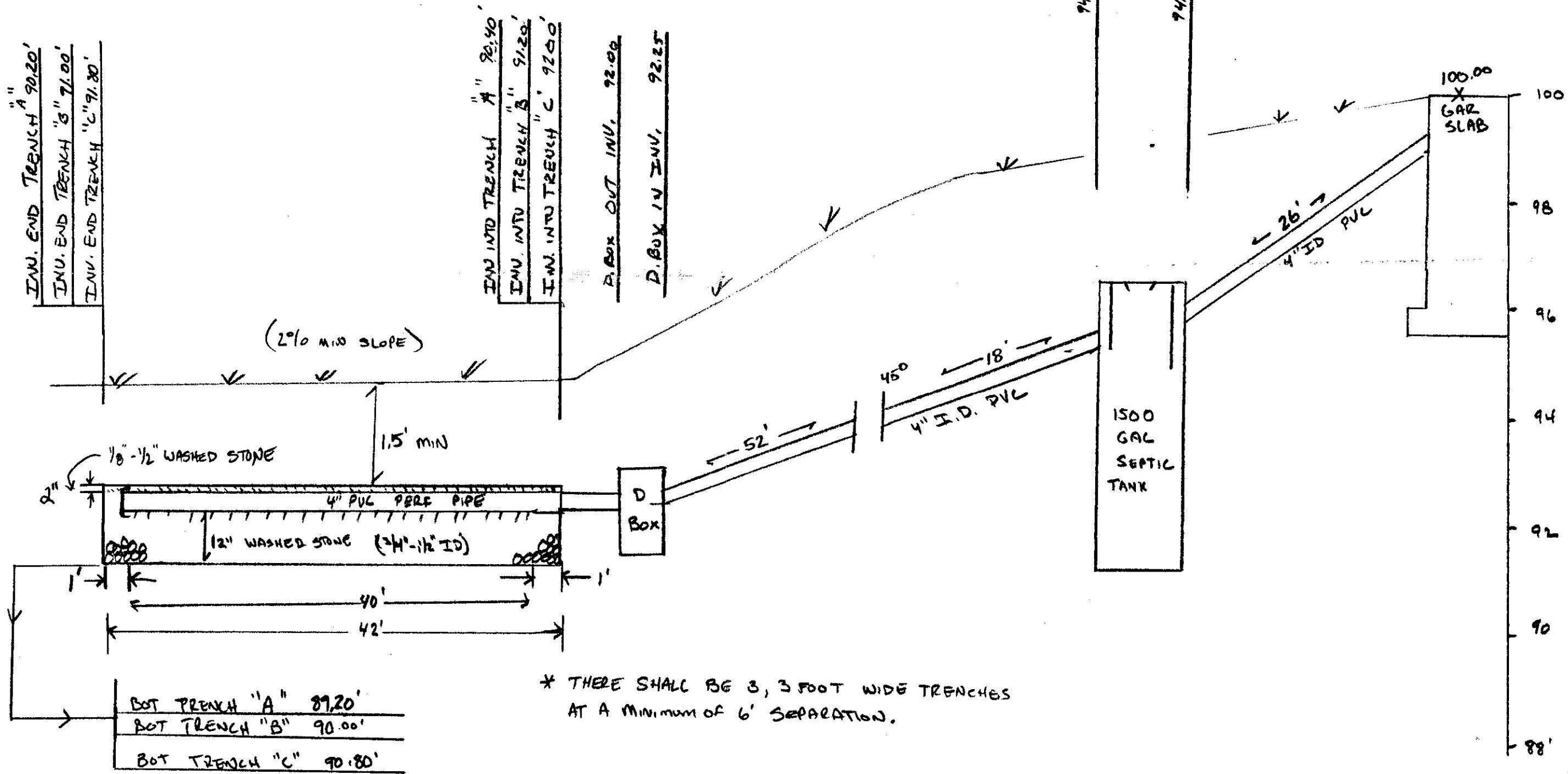


TP-1	(92.60')
0-8"	10AM
8"-24"	LT. brown silty subsoil
24"→10'-6"	TAN GRAY FINE-MEDIUM SANDY TILL, SOME STONES
No H ₂ O, No MOTTLING	
Perc at 50" = 6 MM/IN. 7/2/93 BY A. WEISS	

TEST PIT LOGS

DESIGN NOTES

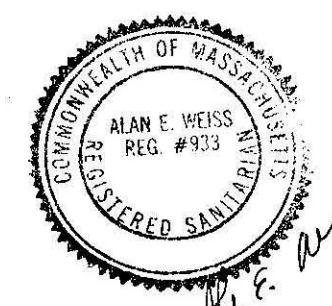
- 3 BR x 10 GPD/DAY x 150% [DISPROGAL] x 125% = 619 GPD ✓
- USING THREE, 3 FOOT WIDE TRENCHES BY 42 FOOT LONG
 BOTTOM: 3 x 42' x 3' = 378 SF x 0.71 $\frac{GAL}{SF}$ = 268.38
 SIDES: 3 x 42' x 1' x 2 = 252 SF x 1.66 $\frac{GAL}{SF}$ = 418.32
 686.70 GAL/DAY ✓
- NO NEIGHBORING WELLS WITHIN 200' OF PROPOSED SSDS.
- PROPERLY DECOMMISSION FORMER SSDS.
- INSPECT 1500 G. TANK AND REPLACE IF NECESSARY.
- NO WETLAND WITHIN 100' OF PROPOSED SSDS.
- SLOPE CALC. $\frac{2.2'}{25} \times 150 = 13.20'$ OK ✓
- INSTALL OUTLET INU, FROM D. BOX TO LEVEL FOR 2' MIN.
- NO CHANGE IN GRADE REQUIRED.
- USE SCHEDULE 40 P.C. (4") BENEATH DRIVEWAY.
- USE CUTOFF TEE AT D-BOX INLET.



* THERE SHALL BE 3, 3 FOOT WIDE TRENCHES AT A MINIMUM OF 6' SEPARATION.

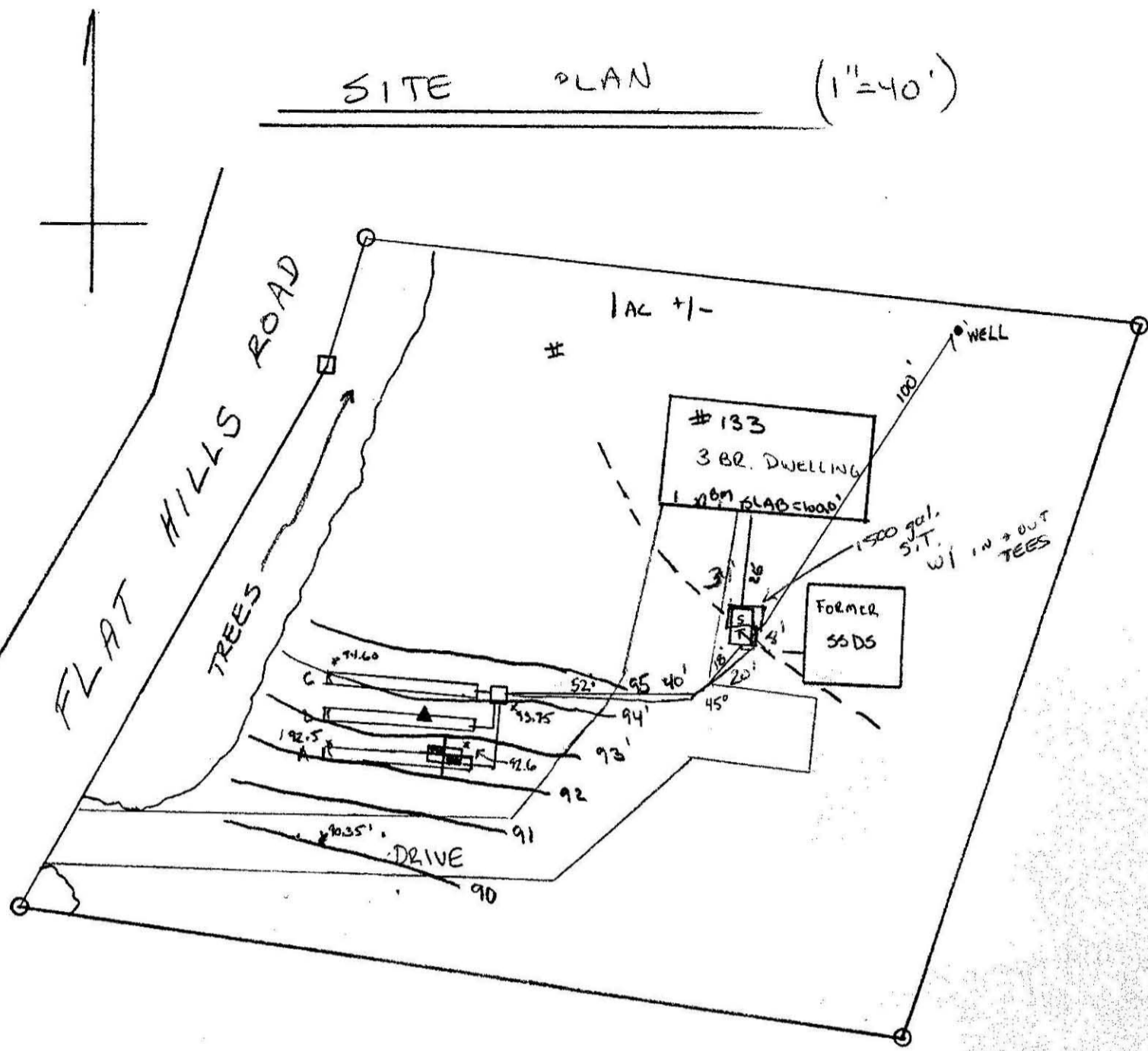
BOT TRENCH "A"	89.20'
BOT TRENCH "B"	90.00'
BOT TRENCH "C"	90.80'

CROSS-SECTION OF SSDS



SEPTIC REPAIR PLAN FOR PHIL JONES		
133 FLAT HILLS ROAD, AMHERST, MA.		
SCALE:	APPROVED BY <i>AW</i>	DRAWN BY <i>AW</i>
DATE: 9/15/93		
COLD SPRING ENVIRONMENTAL CONS., INC. BELCHERTOWN, MA		
		DRAWING NUMBER 93-302-0828

SITE PLAN (1"=40')

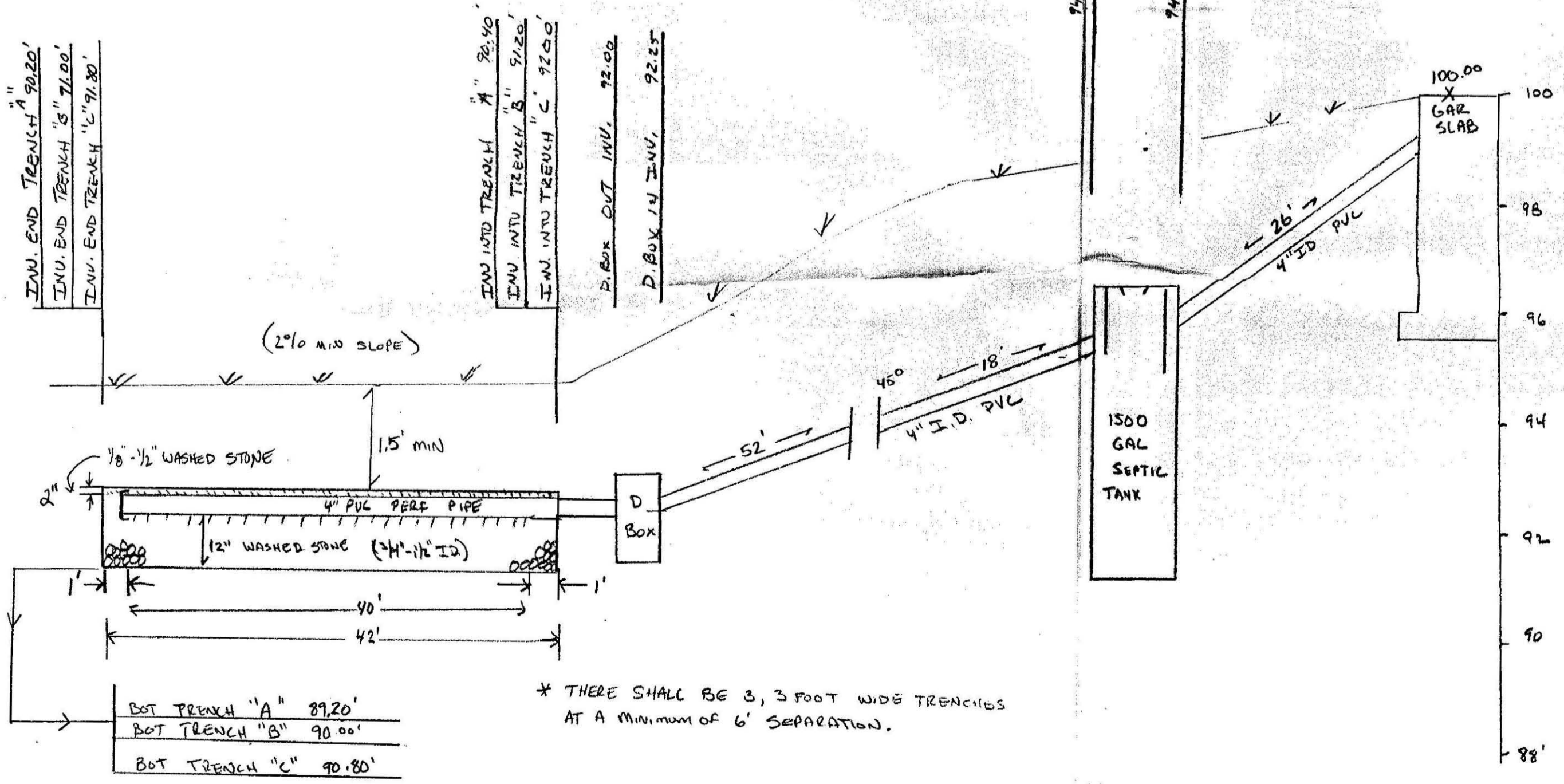


	TP-1 (92.60')
0-8"	loam
8"-24"	Lt. brown silty subsoil
24"→10'-6"	TAN GRAY FINE-MEDIUM SANDY TILL, SOME STONES
No H ₂ O, No MOTTLING	
Perc at 50" = 6 mm/IN. 9/2/93 BY A.W.E.I.S.	

TEST PIT LOGS

DESIGN NOTES

- 3 BR x 110 GAL DAY x 150% [DRAINAGE] x 125% = 619 GAL DAY ✓
- USING THREE, 3 FOOT WIDE TRENCHES BY 42 FOOT LONG
 BOTTOM: 3 x 42' x 3' = 378 SF x 0.71 GAL/SF = 268.38
 SIDES: 3 x 42' x 1' x 2 = 252 SF x 1.66 GAL/SF = 418.32
 686.70 GAL DAY ✓
- NO NEIGHBORING WELLS WITHIN 200' OF PROPOSED SSDS.
- PROPERLY DECOMMISSION FORMER SSDS.
- INSPECT 1500 GAL S. TANK AND REPLACE IF NECESSARY.
- NO WETLAND WITHIN 100' OF PROPOSED SSDS.
- SLOPE CALC. $\frac{2.2'}{25'} \times 150 = 13.20'$ OK ✓
- INSTALL OUTLET INJ. FROM D. BOX TO LEVEL FOR 2' MIN.
- NO CHANGE IN GRADE REQUIRED.
- USE SCHEDULE 40 PEX (4") BENEATH DRIVEWAY.
- USE CUTOFF TEE AT D. BOX INLET. NO.



* THERE SHALL BE 3, 3 FOOT WIDE TRENCHES AT A MINIMUM OF 6' SEPARATION.

BOT TRENCH "A"	89.20'
BOT TRENCH "B"	90.00'
BOT TRENCH "C"	90.80'

CROSS-SECTION OF SSDS

9/30/93 AS BUILT

SEPTIC REPAIR PLAN FOR PHIL JONES		
133 FLAT HILLS ROAD, AMHERST, MA.		
SCALE:	APPROVED BY: <i>AW</i>	DRAWN BY: AW
DATE: 9/15/93		
COLD-SPRING ENVIRONMENTAL CONS., INC. BELCHERTOWN, MA		
		DRAWING NUMBER: 93-302-0828