

24 TRILLIUM WAY



No. 95-1
Revised

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:

24 TRILLIUM WAY Location - Address Lot 68
REBECCA + JON HURWITZ Owner 24 TRILLIUM WAY or Lot No.
RICHARD ROBERTS Installer Leverett, MA. Address

Type of Building Dwelling — No. of Bedrooms 5 Expansion Attic () Garbage Grinder (N) - None
Other — Type of Building RES No. of persons Showers () — Cafeteria ()
Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 703 gallons.
Septic Tank — Liquid capacity 1500 gallons Length 126" Width 68" Diameter Depth 64"
Disposal Trench — No. 2 Width 3' Total Length 82' Total leaching area 1,172 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, R.S. SOIL EVAL Date TP-2 ON 12/13/94
TP-3 ON 10/3/95
Test Pit No. 3, 9 minutes per inch Depth of Test Pit 11.6 Depth to ground water NA.
Test Pit No. 2 minutes per inch Depth of Test Pit 10.0 Depth to ground water NA.

Description of Soil Lt. Yellow Brown fine sandy fill, little gravel moderately dense, (sandy loam) - (2.5 yr 6/3)

Nature of Repairs or Alterations — Answer when applicable New S. TANK, New Trenches (2) in Rear.

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 Rebecca Hurwitz Date 10/31/95
Application Approved By David Zuczkowski for A. Od Sept Date 11/1/95

Application Disapproved for the following reasons:
Permit No. 95-1 Revised Issued 11/1/95 Date

CHECK OR FILL IN WHERE APPLICABLE

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

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired () by Richard Roberts Installer at 24 Trillium Way 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. 95-1 Revised dated

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

100

100

100

100

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No. 95-1
Revised

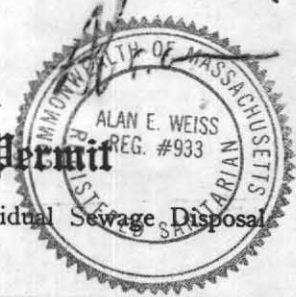
FEE 160.00
pd.

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 (X) an Individual Sewage Disposal

System at:

24 TRILLIUM WAY Location - Address LOT 68 or Lot No.
REBECCA + JON HURWITZ Owner 24 TRILLIUM WAY Address
RICHARD ROBERTS Installer Amherst, MA Address

Type of Building 37,827 Sq. feet
Dwelling — No. of Bedrooms 5 Expansion Attic () Garbage Grinder (N) Remov
Other — Type of Building Res No. of persons _____ Showers () — Cafeteria ()
Other fixtures _____

Design Flow 55 gallons per person per day. Total daily flow 703 gallons.
Septic Tank — Liquid capacity 1500 gallons Length 126" Width 68" Diameter _____ Depth 64"
Disposal Trench — No. 2 Width 3' Total Length 32' Total leaching area 1.172 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, R.S. SOIL, EVAL Date 10/3 ON 12/13/94
Test Pit No. 3 minutes per inch Depth of Test Pit 11.6 Depth to ground water NA
Test Pit No. 2 minutes per inch Depth of Test Pit 10.0 Depth to ground water NA

Description of Soil Lt. Yellow Brown f.r. Sandy fill, little gravel moderately dense, (sandy loam) - (2.5 YR 6/3)

Nature of Repairs or Alterations — Answer when applicable NEW S. TANK, New trenches (2) in rear.

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 Rebecca Hurwitz Date 10/31/95
Application Approved By David Paetzendi for A. H. Dept Date 11/1/95

Application Disapproved for the following reasons: _____

Permit No. 95-1 Revised Issued 11/1/95 Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (X) by Richard Roberts Installer

at 24 Trillium Way 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. _____ 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. 95-1
Revised

FEE 160.00
pd.

Disposal Works Construction Permit

Permission is hereby granted Rebecca + Jon Hurwitz to Construct () or Repair (X) an Individual Sewage Disposal System at No. 24 Trillium Way

as shown on the application for Disposal Works Construction Permit No. 95-1 Dated 11/1/95
David Paetzendi for A. H. Dept Board of Health

DATE _____

CHECK OR FILL IN WHERE APPLICABLE

BOARD OF MEASUREMENTS

RESOLUTION NO. 1000

WHEREAS the Board of Measurements has the honor to receive from the Board of Public Works a resolution...

and whereas the Board of Measurements has the honor to receive from the Board of Public Works a resolution...

RESOLVED, that the Board of Measurements do hereby...

12/13/94
NOT PD

PERC TEST DATA SHEET

DATE 12/13/94 LOCATION 24 TRILLIUM WAY LOT SIZE _____

OWNER Joni + Becky Hurwitz ADDRESS 24 TRILLIUM WAY TELE # 253-3248

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

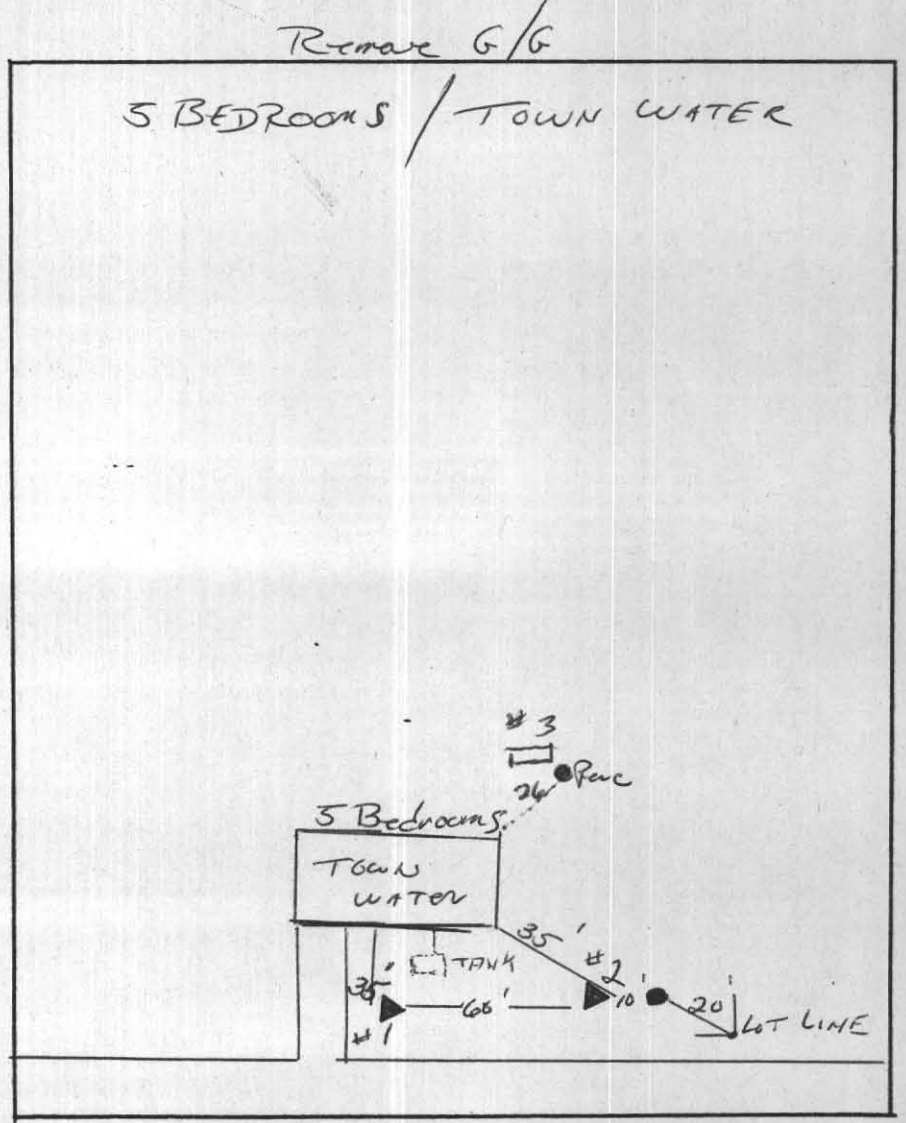
BACK HOE OPERATOR Charles Walker TELE _____ BENCH MARK _____

PERC DEPTH 32" PRE SOAK TIME 9:21-9:36 PERC DEPTH 60" PRE SOAK TIME 10:54

TEST	<u>12"</u> <u>9:36</u>	<u>8"</u> <u>10:24</u>	<u>11:12</u> <u>12"</u>	<u>8"</u>
	<u>11"</u> <u>9:43</u>	<u>7"</u> <u>10:39</u>	<u>11:16</u> <u>11"</u>	<u>7"</u>
	<u>10"</u> <u>9:54</u>	<u>6"</u> <u>10:54</u>	<u>11:23</u> <u>10"</u>	<u>6"</u> <u>11:57</u>
	<u>9"</u> <u>10:09</u>		<u>11:31</u> <u>9"</u>	

RATE 15 RATE 10

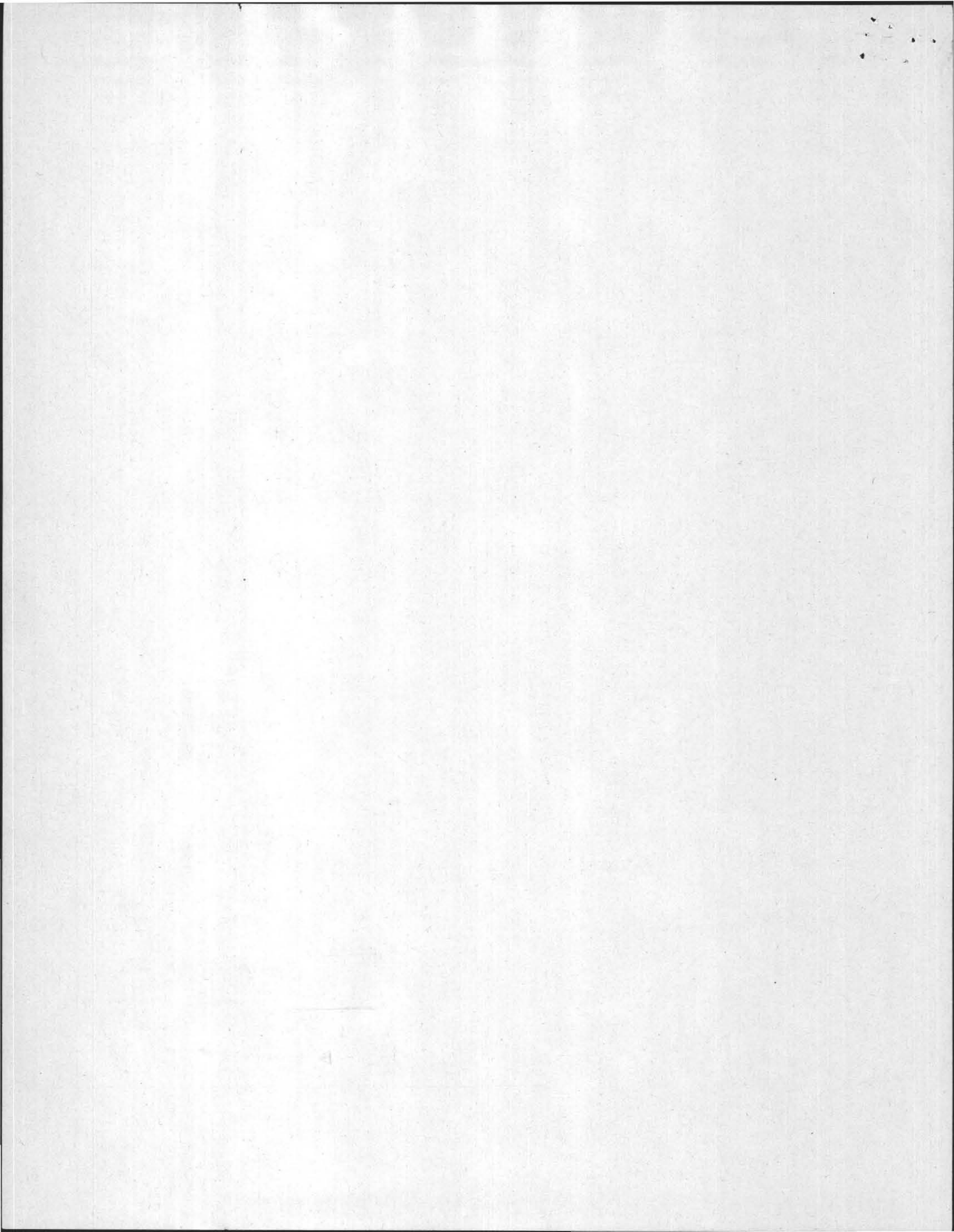
# 1	# 2
TOP 10	TOP 10
SUB 26	SUB 26
Same as #2 Hit old system Deep hole filled w/ sewage	LT. Brown Fine Sandy Till. Some silt Little gravel
STOPPED DIG AT 5'	DRY 10'



TOP	TOP
SUB	SUB

# 3	
A TOP 8"	DARK OLIVE Brown TOP 2.1 R33
B SUB 22	LT. OLIVE BROWN SUB 2.5 54
LIGHT YELLOW FINE SANDY Till Med-Dense	C 2.5 YR 6.3

Loamy Sand 11'6"
EH1:PERCFORM
DRY





LEGEND

- Population Center
- State Route
- Town, Small City
- Hill
- Street, Road
- Trails
- Major Street/Road
- State Route

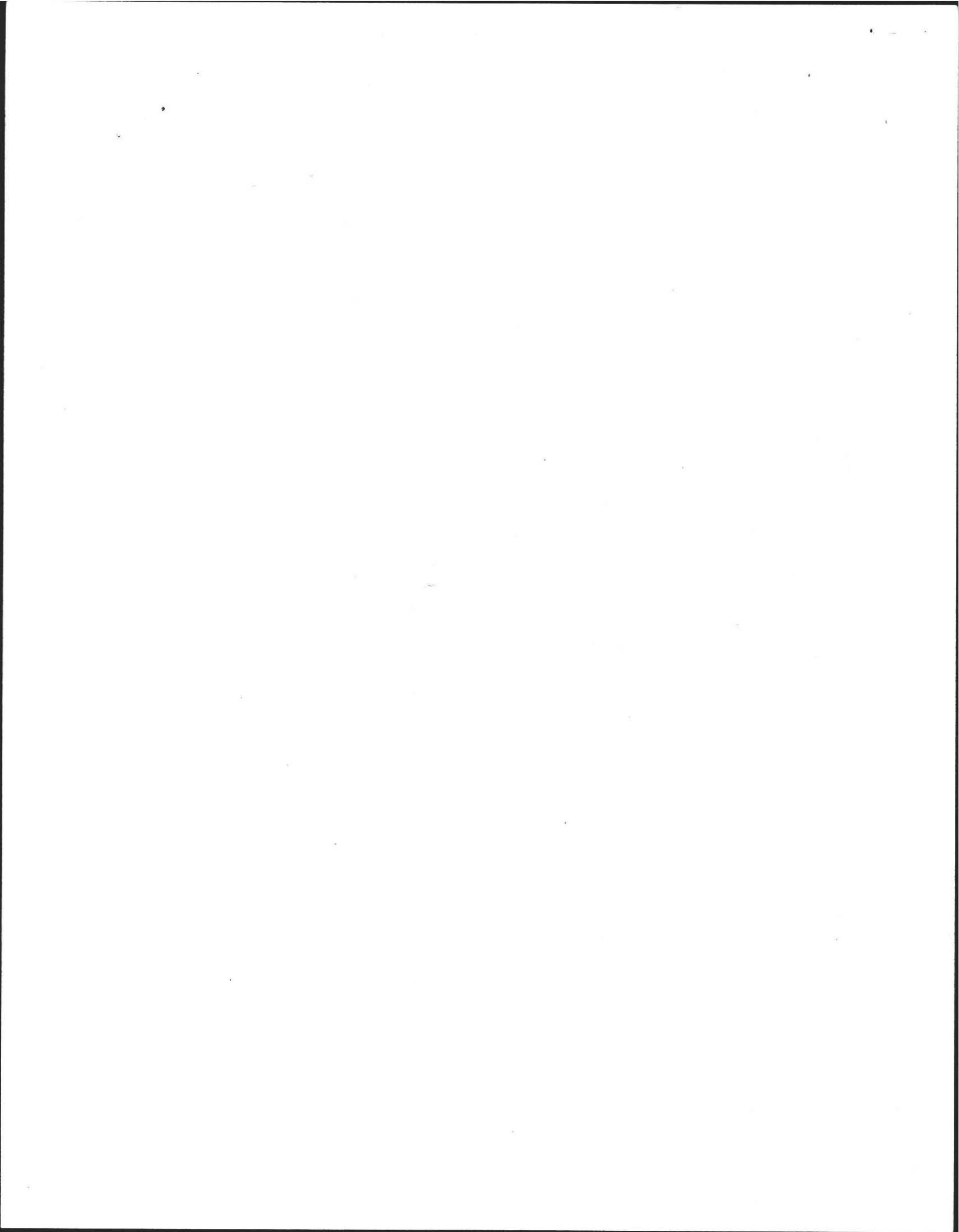
- Railroad
- River
- Open Water
- Contour

Scale 1:25,000 (at center)

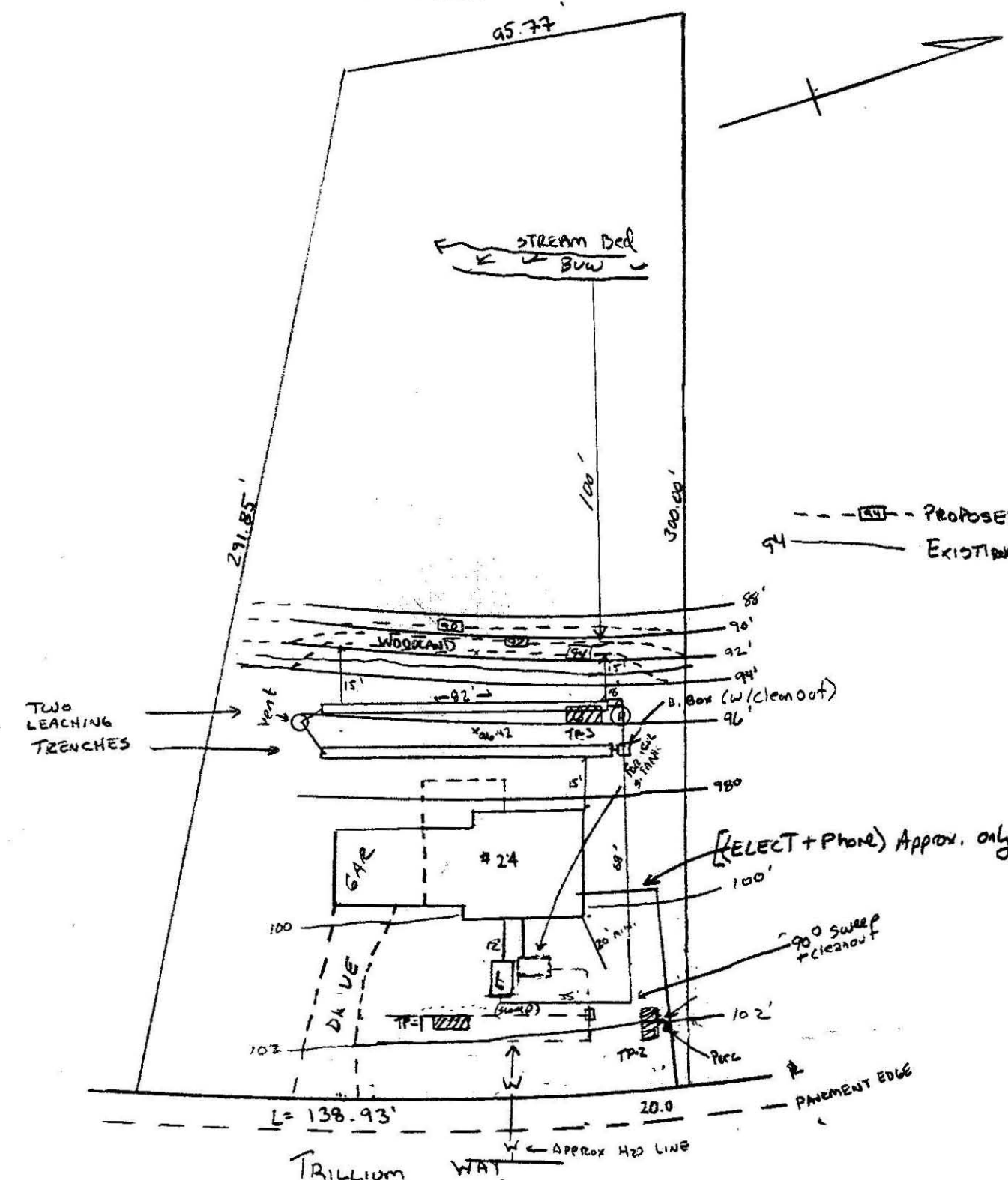
2000 Feet

500 Meters

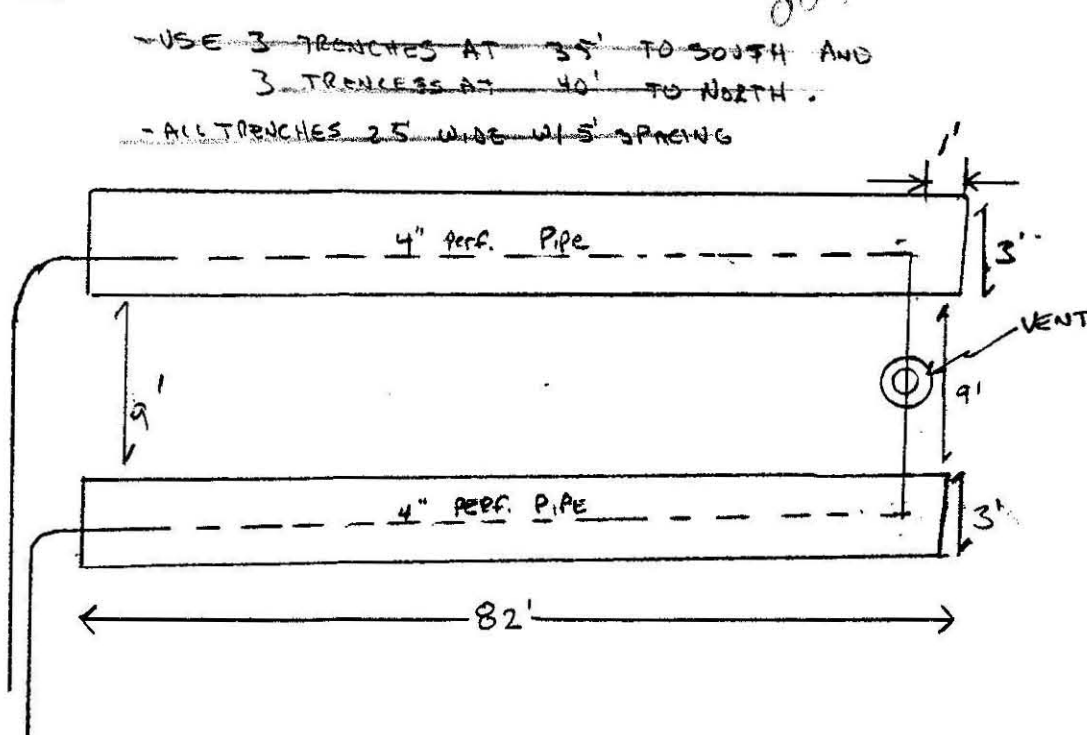
24 TRILLIUM WAY, AMHERST
 Mag 15.00
 Tue Oct 24 16:13:53 1995



PLOT PLAN (Scale 1"=10')



PLAN/DETAIL OF TRENCHES



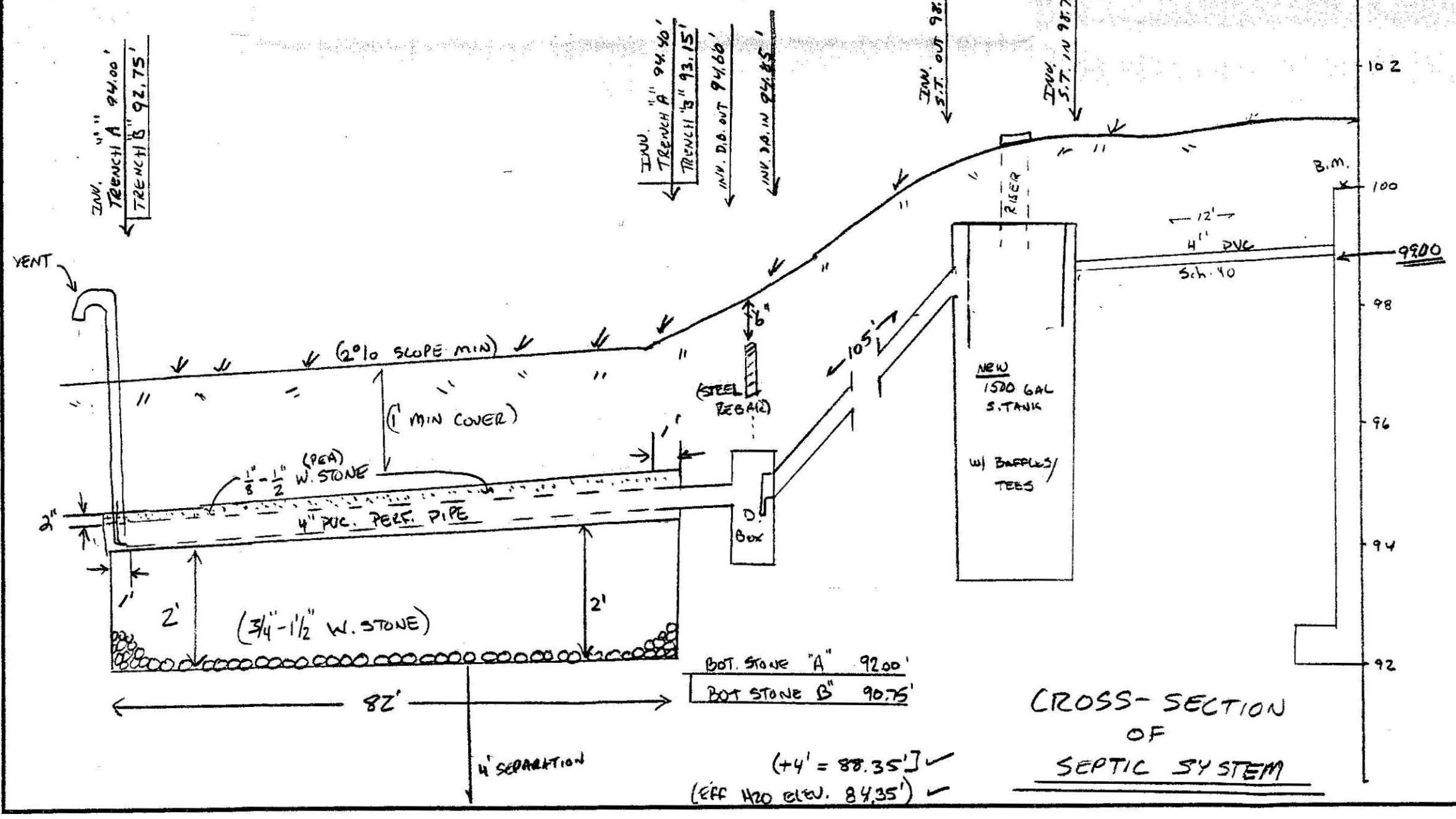
SOIL LOGS

(1013195) EL 85.85' TP-3	TP-1 (1210194)	SOIL DESCRIPTION	TP-2 (12113194)
0-8" A A-TOP 2.5723/3	0-10"	Loam / TOP	0-10"
8-22" B B-SUB 2.5425/4	10"-26"	SUB SOIL	10"-26"
22" → 11'-6" C ₁	26"-5'	Lt Brown Fine Sandy fill, some silt, little gravel Moderately dense.	26"-10'
- No oxides - No water 2.57 G/S Light yellow brown f. sandy fill, mod. dense. EFF H ₂ O EL = 84.35'	5' - Terminated due to Septage (old trench)		No water No oxides

- PERC #2 RATE = 9 MIN/IN ON 1013195 AT .60"
- PERC #1 RATE = 15 MIN/IN, 12113/94 A. WEISS. P.S.
- D. ZAROZINSKI, BOH. INSP

DESIGN NOTES

- 5 BR x 110 GAL/DAY = 550 GAL/DAY x 1.25% = 687.5 GAL/DAY ✓
- USE 2 - 82' x 3.0' x 2.0' DEEP TRENCHES
 * BOT AREA (82' x 3.0' x 2) + 1 = 492.0 sq. ft. x 6.6% = 324.72 GAL/DAY
 * SIDE AREA [2 x 82' x 2' x 2] + 2' x 3' x 2 (2) = 680.0 sq. ft. x 6.6% = 448.8 GAL/DAY
 ⇒ 773.52 GAL/DAY ✓
- REMOVE GARAGE DISPOSAL
- NO WELLS WITHIN 100' OF PROPOSED S.S.D.S.
- WETLAND NOTED 100' FROM S.S.D.S.
- SLOPE CALCS N/A. (2' : 30' x 150' = 10.0') ✓
- RESERVE BETWEEN TRENCHES.
- INSTALL NEW 1500 GAL S.TANK.
- DISCONNECT OLD SYSTEM SO AS TO NOT INTERFERE WITH NEW SYSTEM.
- FILL 15' OUT ON WEST SIDE TO 94.0' ELEV.
- NOTE CHANGE IN GRADE REQUIRED, MAINTAIN SLOPE AWAY FROM FOUNDATION FOR PROPER FINAL DRAINAGE.
- NOTE WATER LINE LOCATION, REPLACE IN ACCORDANCE W/ TITLE I, AS NEEDED.
- INSPECT AND PUMP TANKS ANNUALLY.
- USE LIQUID DETERGENTS ONLY, CONSERVE WATER AS MUCH AS POSSIBLE.
- FOUNDATION SETBACK = 15' BECAUSE BOT OF S.S.D.S. BELOW GRADE OF SLAB. (A) (SLAB ELEV. = 92.5)
- ALL 90° TURNS = SWEEPS.
- USE CUT-OFF "T" AT D. BOX INLET.
- CONTRACTOR TO CROSS PHONE + ELECTRIC PROPERLY.
- PUMP + FILL OLD S.TANK.



CROSS-SECTION OF SEPTIC SYSTEM

REBECCA & JON HURWITZ 24 TRILLIUM WAY, AMHERST, MA.		
SCALE: NOTED	APPROVED BY: [Signature]	DRAWN BY: AW
DATE: 1/4/95	REVISED: 10/24/95	
COLD SPRING ENVIRONMENTAL, INC. BELCHERTOWN, MA.		
323-5957	DRAWING NUMBER: 94-440-1207	



CHARIETTE PRO-CON 9899 PRINTED ON 80# CHAMPAIN YELLOW