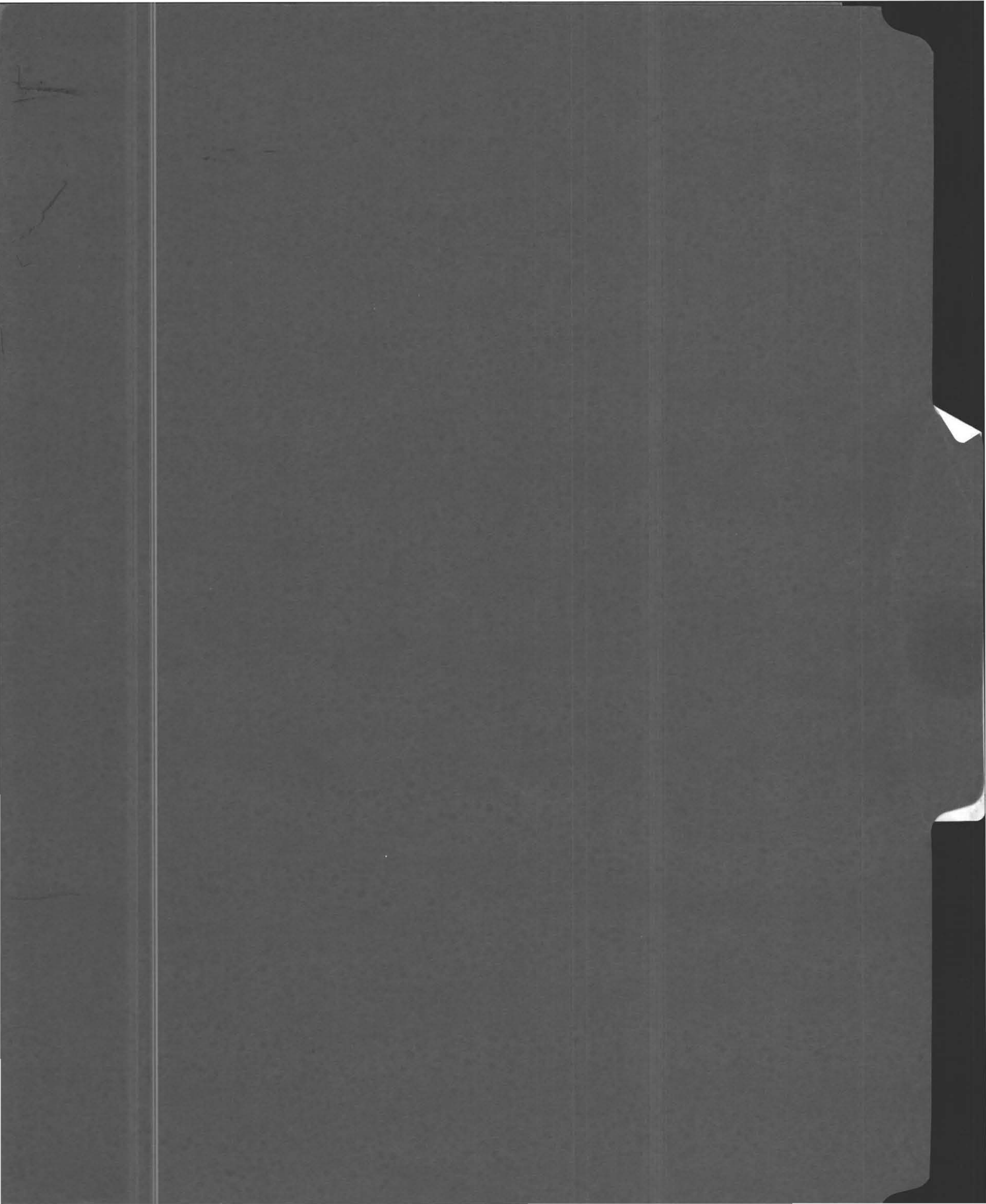


1070 Bay Rd



#1070

MAY 1 1993

No. 93-5

FEE 160
CH 1272
Claire Fortier
5/11/93

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:

1070 BAY ROAD Location - Address
CLAIRE FORTIER Owner
KARL'S EXCAVATING Installer
(SAME) or Lot No.
HADLEY, MA. Address

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

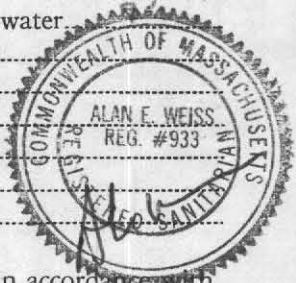
Design Flow 55 gallons per person per day. Total daily flow 687.5 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 102 Width 53 Diameter Depth 64
Disposal Trench - No. Width Total Length Total leaching area sq. ft.
Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.

Other Distribution box (X) Dosing tank (N)
Percolation Test Results Performed by A. WEISS Date 5/11/93
Test Pit No. 1 2 minutes per inch Depth of Test Pit 11' Depth to ground water N/A
Test Pit No. 2 minutes per inch Depth of Test Pit 10' Depth to ground water

Description of Soil F-C Sand some gravel.

Nature of Repairs or Alterations - Answer when applicable

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 [Signature] Date 5/20/93
Application Approved By [Signature] Date 5/18/93

Application Disapproved for the following reasons:

Permit No. 93-5 Issued Date

Thomas Fortier
KARL'S SITEWORK
9/2/93

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

Certificate of Compliance

Per C.U.
9/2/93

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (✓) by [Signature] Installer

at 1070 Bay 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. 93-5 dated

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

DATE 9/2/93 Inspector [Signature]

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

Disposal Works Construction Permit

Permission is hereby granted to Construct () or Repair (✓) an Individual Sewage Disposal System at No. 1070 Bay Road

as shown on the application for Disposal Works Construction Permit No. 93-5 Dated

DATE 5/18/93 [Signature] Board of Health

FEE 160 pd
CH 1272
5/11/93

CHECK OR FILL IN WHERE APPLICABLE

RECEIVED TO GRADE

THE BOARD OF GRADE



THE BOARD OF GRADE

THE BOARD OF GRADE

MAY 21 1993

1.4 miles
Pd 160⁰⁰
Perce + Plan
CH R 1272

PERC TEST DATA SHEET

DATE 5/11/93 LOCATION 1070 Bay Road LOT SIZE _____

OWNER CLAIRE FORTIER ADDRESS 1070 Bay Road TELE # 253-7991

P.E./RS AL Weis FIRM Cold Spring Env. OBSERVED BY DAVID ZAROZINSKI

BACK HOE OPERATOR AL - KARL'S BENCH MARK _____

PERC DEPTH 46" PRE SOAK TIME CANT HOLD PERC DEPTH _____ PRE SOAK TIME _____

TEST _____

RATE (2) RATE _____

#1

| |
|--------------------------------------|
| TOP 12" |
| SUB 24" |
| COARSE SAND, 5 1/2' |
| LT. BROWN FINESAND FIRM 11' |

#2

| |
|----------------|
| TOP 12" |
| SUB 24" |
| Seepage 5 1/2' |
| SILT 8' |

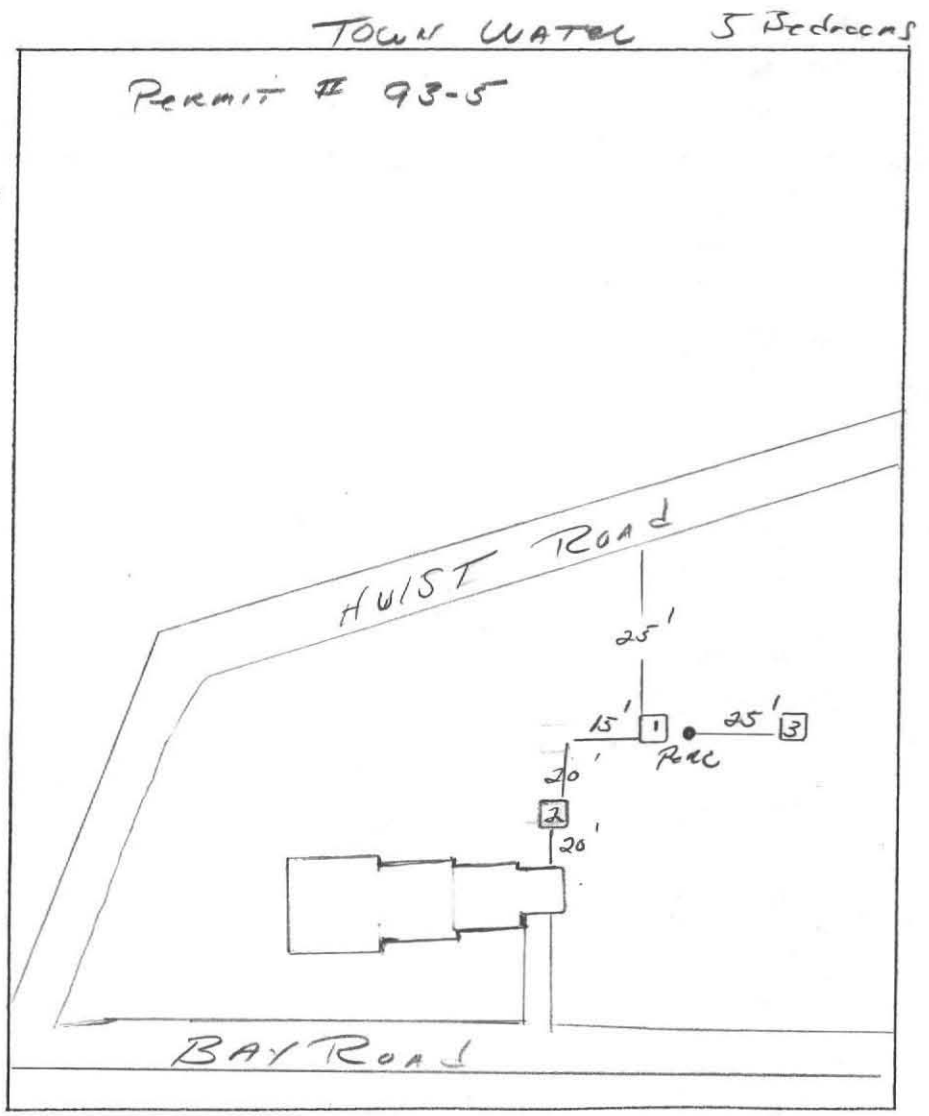
#3

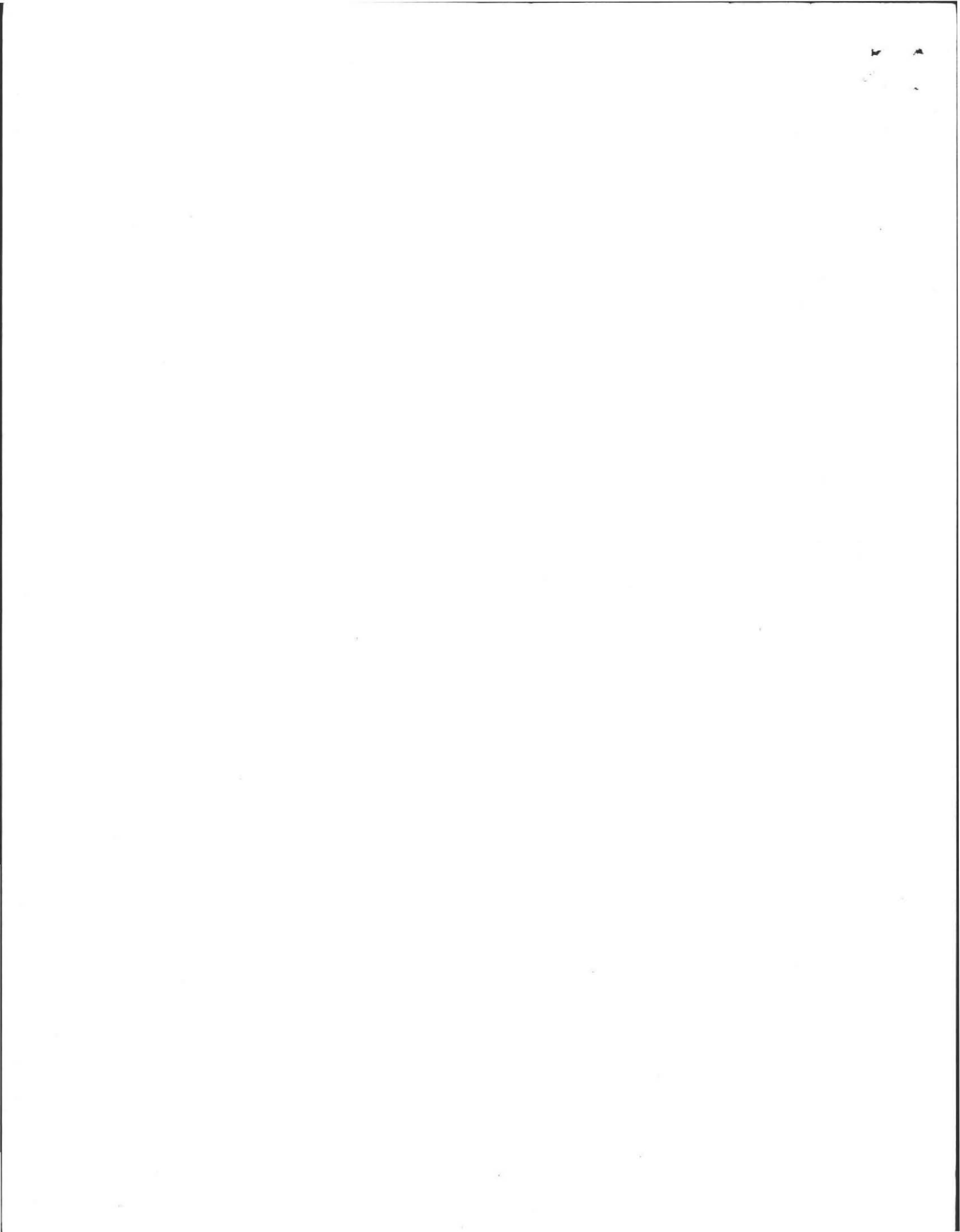
| |
|---------------------------|
| TOP 12" |
| SUB 21" |
| COARSE SAND 68" |
| Seepage 9' |
| FINE SAND WATCH 10' |

| |
|-----|
| TOP |
| SUB |

| |
|-----|
| TOP |
| SUB |

| |
|-----|
| TOP |
| SUB |

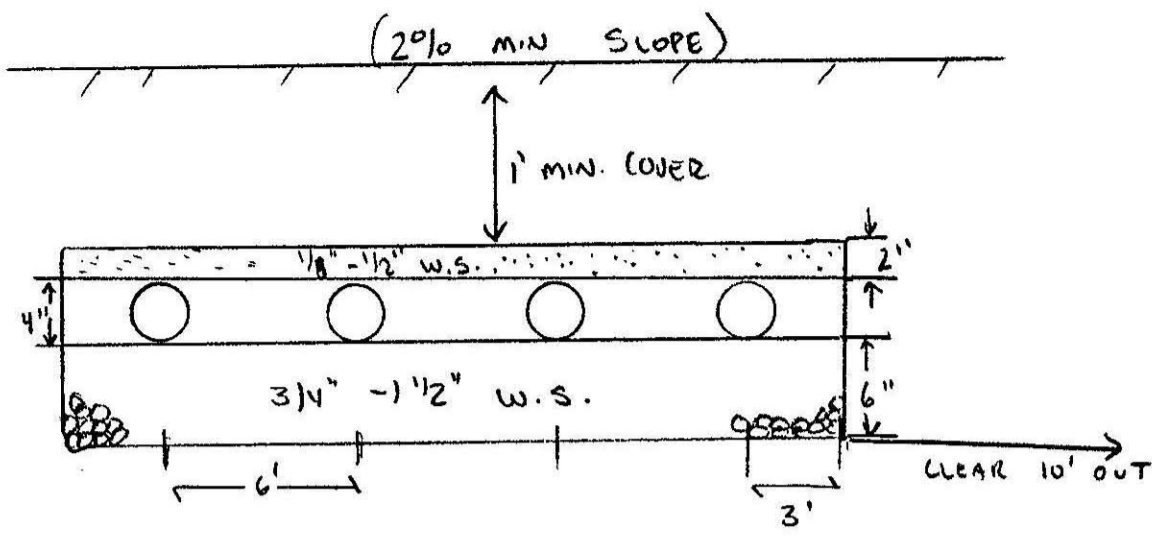
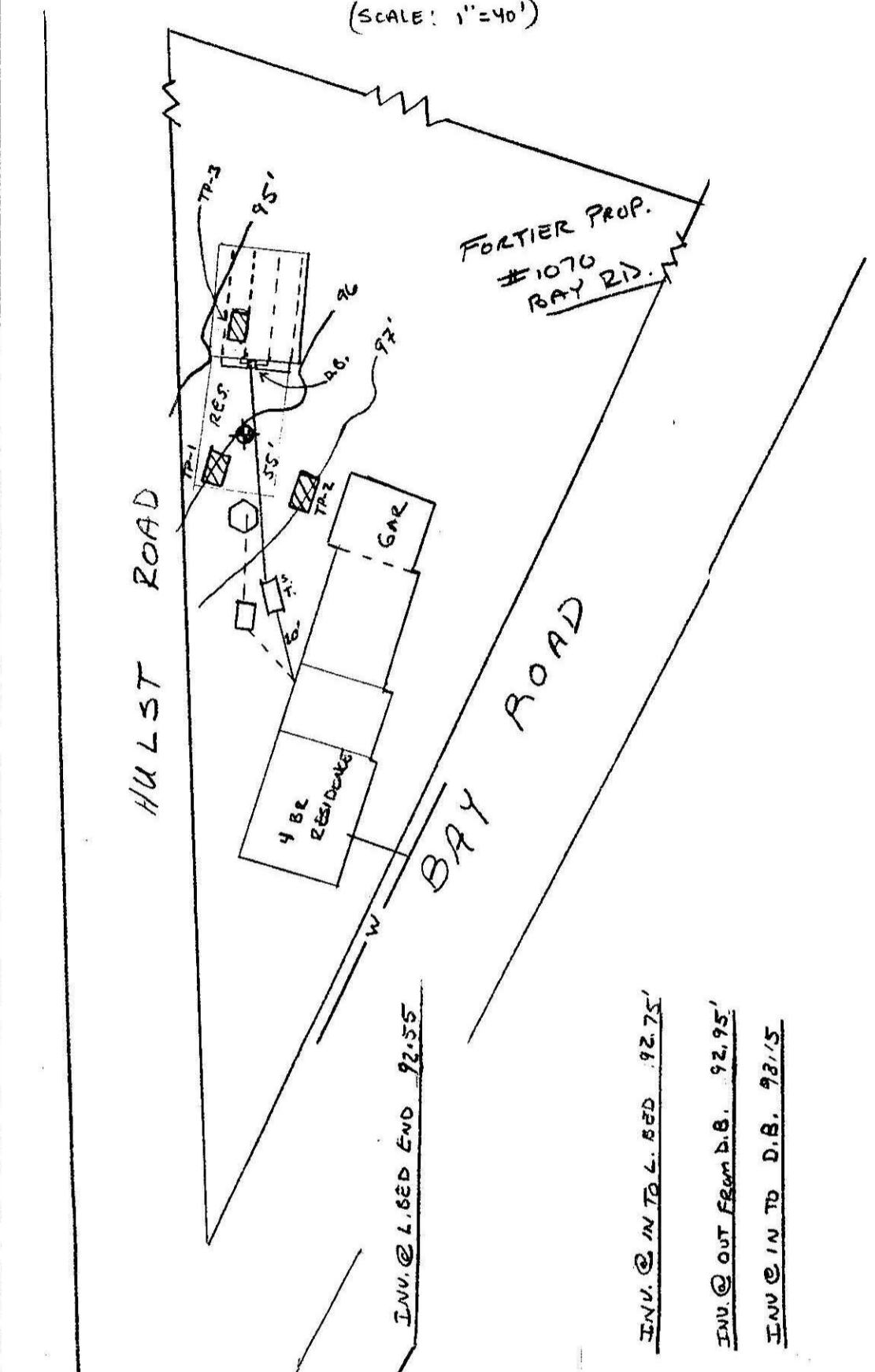




TEST PIT LOGS (5/11/93)

| TP-1 (95.95) | | TP-3 (94.40') |
|---------------------|---------------------------|-----------------------------|
| 0-12" | 10MM | 0-12' |
| 12"-24" | SUBSOIL | 12" - 21" |
| 24"-5'-6" | F.C. SAND GRAVEL | 21' - 5'-7" |
| 5'-6" → 11' | F. SAND LITTLE MED. SAND, | 5'-7" → 10' |
| No H ₂ O | | H ₂ O SEEP AT 9' |

SITE PLAN
(SCALE: 1"=40')



CROSS SECTION OF LEACH BED
(30' LONG BY 24' WIDE)
* ALL PIPES CAPPED 1" IN AT END AND ALL PIPES LAID AT 6' SPACING.

DESIGN NOTES

- DESIGN BASED ON 2 MIN IZD DETERMINED 5/11/93
- USING 24' X 30' LEACH FIELD
 $24' \times 30' = 720 \text{ SF} \times \frac{1 \text{ GAL}}{\text{SF}} = 720 \text{ GAL DAY}$
- 5 BR X 110 GAL DAY = 550 X 1.25 = 687.50 GAL DAY
- NO WETLANDS NOTED WITHIN 100' OF SYSTEM.
- NO WELLS WITHIN 200' NOTED (TOWN WATER).
- SLOPE CALCS NA.
- NO GARBAGE DISPOSAL OR KIT. SINK ALLOWED.
- INSTALL NEW 1000 GAL. S. TANK.
- RESERVE AREA NOTED.



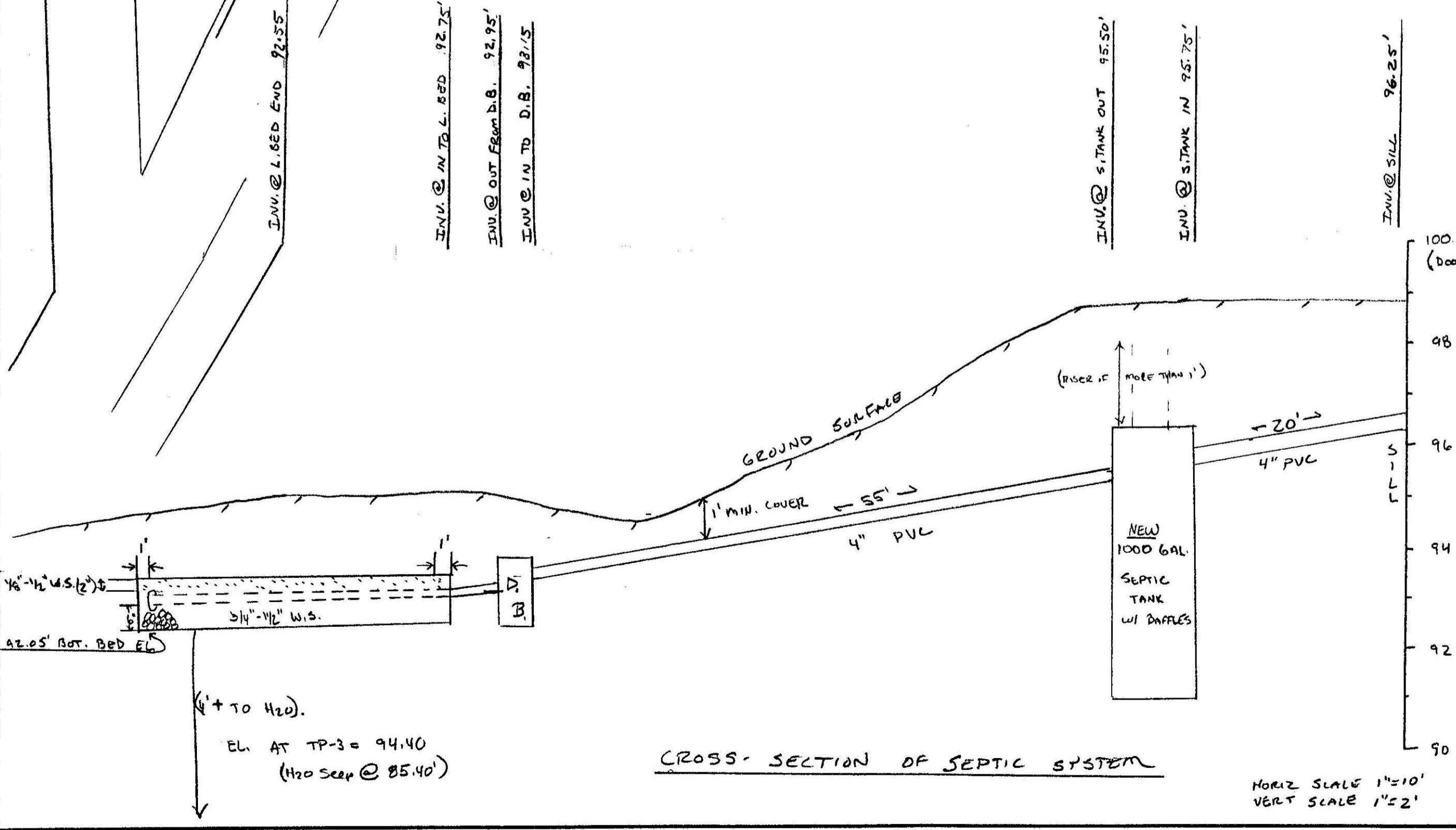
PROPOSED SEPTIC REPAIR PLAN FOR
MS. CLAIRE FORTIER
1070 BAY RD.
AMHERST, MA.

| | | |
|---------------|-------------------|-------------|
| SCALE: NOTED | APPROVED BY AW | DRAWN BY AW |
| DATE: 5/17/93 | | |

COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.
BELCHERTOWN, MA. 323-5957
DRAWING NUMBER
93-261-0405

MAY 21 1993

CHARRETTE PRO-FORM 9307 PRINTED ON BROWN CHAMPAIN PELLUM



CROSS-SECTION OF SEPTIC SYSTEM

HORIZ SCALE 1"=10'
VERT SCALE 1"=2'