

#25

No. 92-16

FEE 160.00
6/2/92
PAUL BERTRAND

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:

25 STATION RD LOT 43, MAP 200
Joyce BERTRAND Location - Address
Chuck Walker Owner
Bolchertown Address

Type of Building
Dwelling - No. of Bedrooms 4 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 567 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 102" Width 38" Diameter Depth 48"
Disposal Trench - No. 1 Width 18" Total Length 50' Total leaching area 900 sq. ft.
Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.
Other Distribution box (✓) Dosing tank (N) COLD SPRING ENV. (M.S. INC.)
Percolation Test Results Performed by A. Weiss Date 6/2/92
Test Pit No. 1 3 minutes per inch Depth of Test Pit 3' Depth to ground water N.A.
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

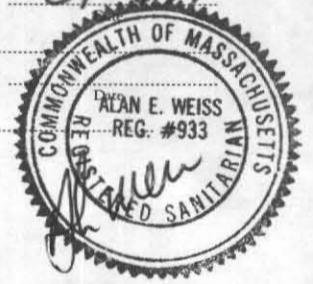
Description of Soil fine - md. sand w/ some silt.

Nature of Repairs or Alterations - Answer when applicable New 5 TANKS + L. Box

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 Alan E. Weiss for J. Bertrand 6/22/92
Application Approved By David Ziegler for G. H. Dept. 6/23/92
Application Disapproved for the following reasons:

Permit No. 92-16 Issued Date



Final Inspected 8/27/92 A. Weiss

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 Charles Walker Installer at 25 STATION 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. 92-16 dated

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

DATE Aug 27, 1992 Inspector David Ziegler

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

Disposal Works Construction Permit

Permission is hereby granted to Joyce Bertrand to Construct () or Repair (✓) an Individual Sewage Disposal System at No. 25 STATION RD

as shown on the application for Disposal Works Construction Permit No. 92-16 Dated

DATE 6/23/92 Board of Health

PAUL BERTRAND
FEE 160.00
6/2/92



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No. 92-16

FEE 160⁰⁰
Pd 6/2/92
Paul Bertrand

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:

25 STATION RD LOT 43, MAP 200
Location - Address or Lot No.
Joyce BERTRAND SAME
Owner Address
Chuck Walker Belchertown
Installer Address

Type of Building
Dwelling - No. of Bedrooms 4 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 567 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 102" Width 38" Diameter Depth 48"
Disposal Trench - No. 1 Width 18" Total Length 50' Total leaching area 900 sq. ft.
Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.
Other Distribution box (✓) Dosing tank (N) WILSON ENV. CONS. INC.
Percolation Test Results Performed by A. Weiss Date 6/2/92
Test Pit No. 1 8 minutes per inch Depth of Test Pit 8' Depth to ground water N.A.
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil fine - med. sand w/ some silt

Nature of Repairs or Alterations - Answer when applicable New 5 TANKS + L. Box

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 Alan E. Weiss for J. Bertrand 6/22/92
Application Approved By David Jaeger for A. Weiss 6/23/92
Date

Application Disapproved for the following reasons:

Permit No. 92-16 Issued 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 (✓) by Charles Walker Installer at 25 Station 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. 92-16 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

Disposal Works Construction Permit

Permission is hereby granted Joyce BERTRAND to Construct () or Repair (✓) an Individual Sewage Disposal System at No. 25 STATION ROAD

as shown on the application for Disposal Works Construction Permit No. 92-16 Dated

DATE 6/23/92 Board of Health

Paul Bertrand
FEE 160⁰⁰
Pd 6/2/92

CHECK OR FILL IN WHERE APPLICABLE

100

No. 92-16

FEE 160⁰⁰ 6/2/92
PAUL BERTRAND

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:

25 STATION RD LOT 43, MAP 200
Location - Address or Lot No.
Joyce BERTRAND SAME
Owner Address
Chuck Walker Belchertown
Installer Address

Type of Building Dwelling - No. of Bedrooms 4 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 56.7 gallons.
Septic Tank - Liquid capacity 1000 gallons Length 102" Width 38" Diameter Depth 48"
Disposal Trench - No. 1 Width 18" Total Length 50' Total leaching area 900 sq. ft.
Seepage Pit No. Diameter Depth below inlet Total leaching area sq. ft.
Other Distribution box (✓) Dosing tank (N) WLD SPRINK ENV. CONS. INC.
Percolation Test Results Performed by A. Weiss Date 6/2/92
Test Pit No. 1 8 minutes per inch Depth of Test Pit 8' Depth to ground water N.A.
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil fine-med. sand w/ some silt

Nature of Repairs or Alterations - Answer when applicable New S. TANKS + L. Bed.

Agreement: The undersigned agrees to install the afordescribed 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 A. E. Weiss for J. Bertrand 6/22/92
Date

Application Approved By Charles Zangmeister for G. H. Dept. 6/23/92
Date

Application Disapproved for the following reasons

Permit No. 92-16 Issued 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 (✓) by Charles Walker Installer

at 25 Station 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. 92-16 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. 92-16

FEE 160⁰⁰ 6/2/92
PAUL BERTRAND

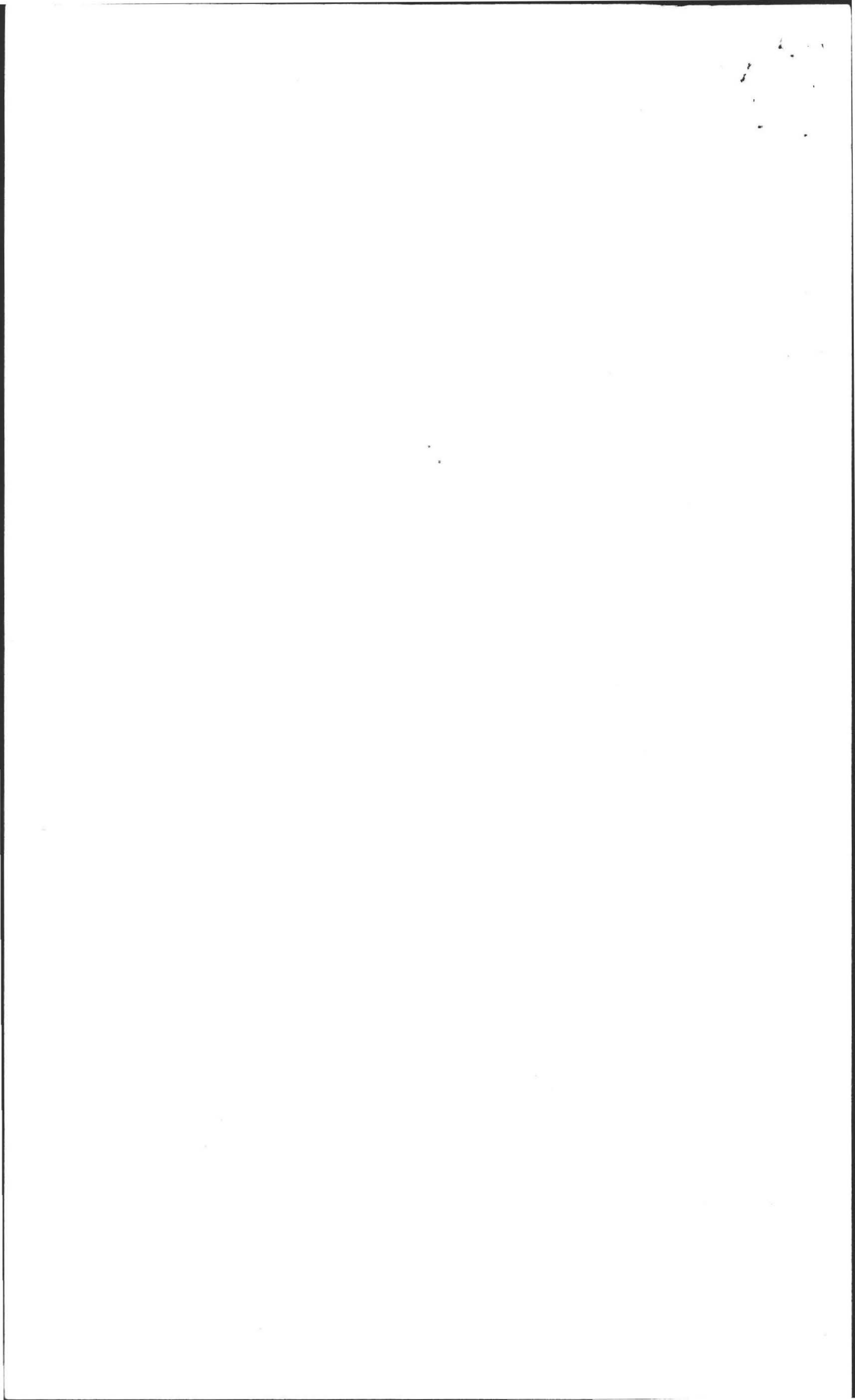
Disposal Works Construction Permit

Permission is hereby granted to Construct () or Repair (✓) an Individual Sewage Disposal System at No. 25 Station Road Street

as shown on the application for Disposal Works Construction Permit No. 92-16 Dated

DATE 6/23/92 Board of Health

CHECK OR FILL IN WHERE APPLICABLE



#92-16

Paul Bertrand
CK 145
Pd 160

TOWN OF AMHERST

PERC TEST DATA SHEET

DATE 6/2/92 LOCATION 25 STATION Road LOT SIZE _____

OWNER Joyce Bertrand ADDRESS 25 STATION Road TELE # _____

P.E./RS ALAN Weiss FIRM Cold Spring Env OBSERVED BY David Zarowski

BACK HOE OPERATOR Charles Walker BENCH MARK _____

PERC DEPTH 43" PRE SOAK TIME 4:57 PERC DEPTH _____ PRE SOAK TIME _____

TEST 12" 12:14 8" 12:34 _____

11" 12:18 7" 12:40 _____

10" 12:22 6" 12:48 _____

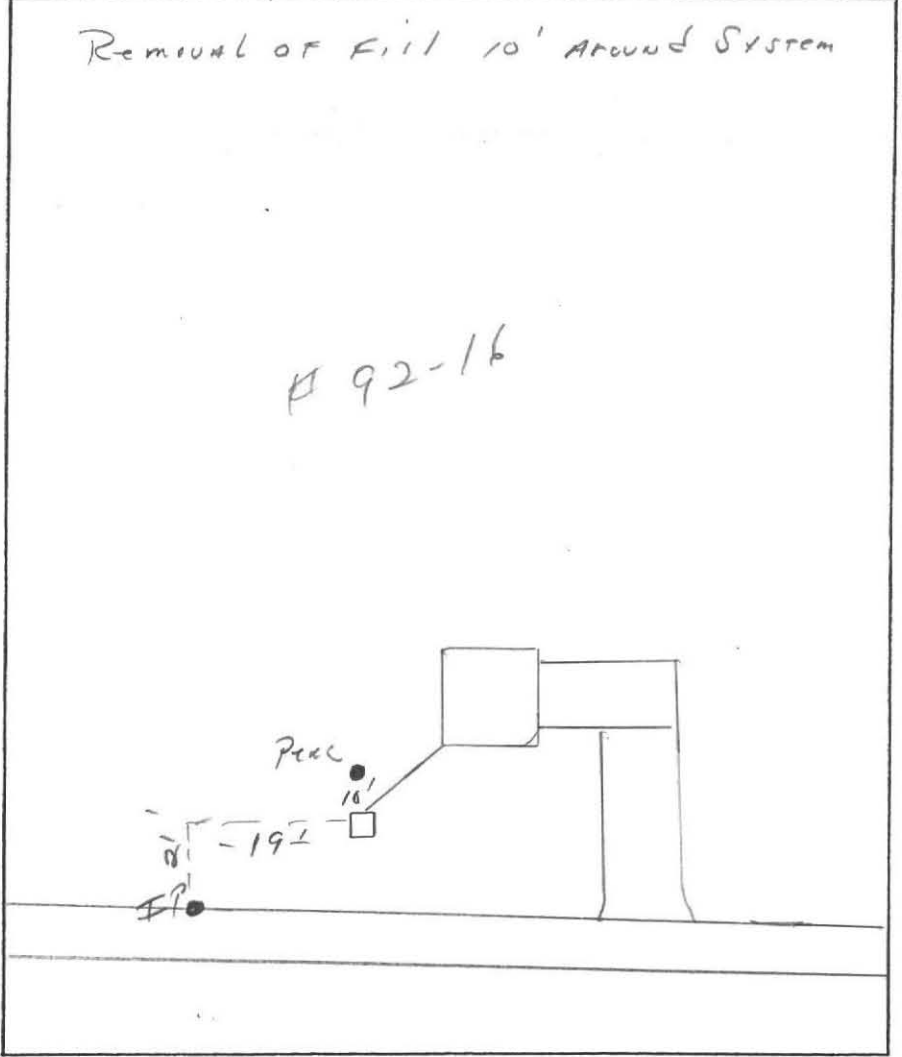
9" 12:28 _____

RATE (8) RATE _____

#1

| | |
|-------------------------|-----|
| TOP 12" | TOP |
| FILL | SUB |
| SUB 3'8" | |
| fine - med sand w/ silt | |
| clay 8' | |
| AT BOTTOM | |

TOWN WATER L/Bedroom NO G/G



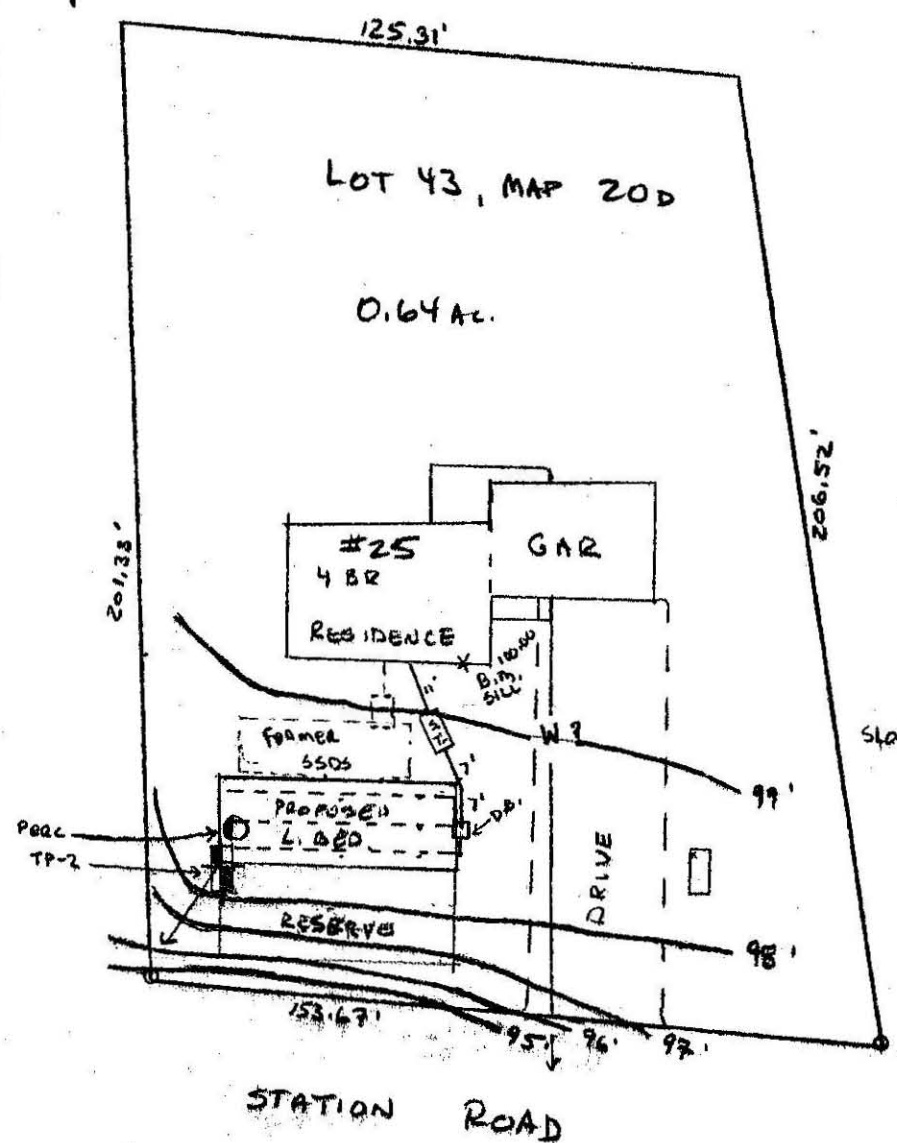
| | |
|-----|-----|
| TOP | TOP |
| SUB | SUB |
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|-----|-----|
| TOP | TOP |
| SUB | SUB |
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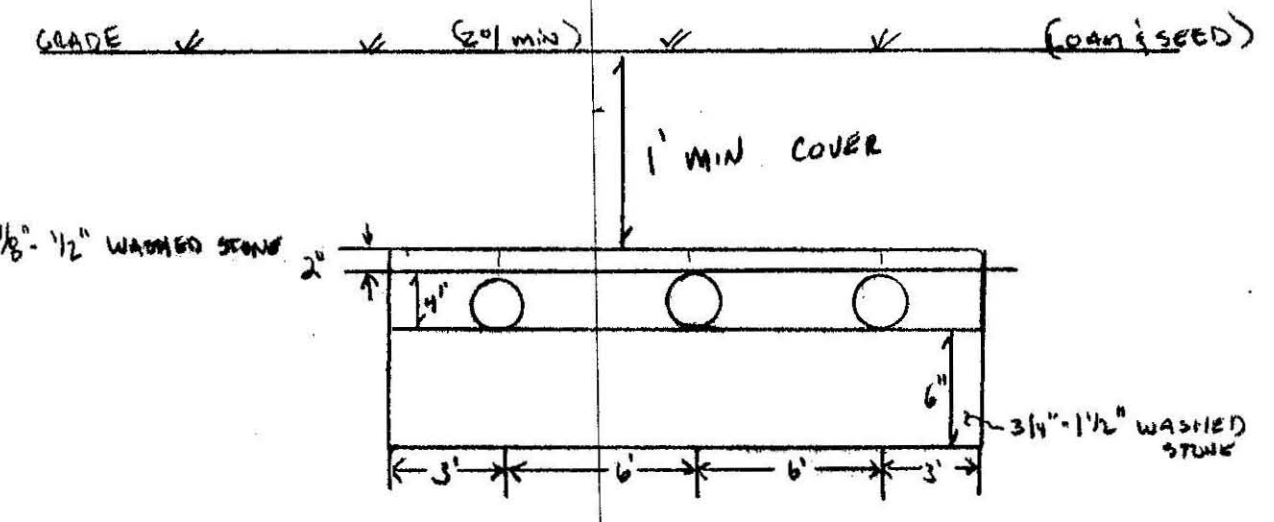
* LOCATION OF HOUSE APPROX. BASED ON FIELD MEASUREMENTS ONLY



SLOPE (ALG): $\frac{3'}{20'} \times 100 = 22.50'$ (AT ARROW)

Approx. water line
99' REL. CONTOURS IN FEET.

PLOT PLAN (SCALE 1"=40')



- THERE SHALL BE THREE 4" ID PVC PIPES WITH 6" SPACING, AND 3" ON SIDES.
- CLEAR SIDES 10' IN ALL DIRECTIONS
- REMOVE LOAM AND SUB TO 94.69 10' AROUND OR SUFFICIENTLY TO REMOVE OLD SYSTEM, ROOTS OR LOAM THAT MAY INTERFERE WITH NEW SYSTEM.

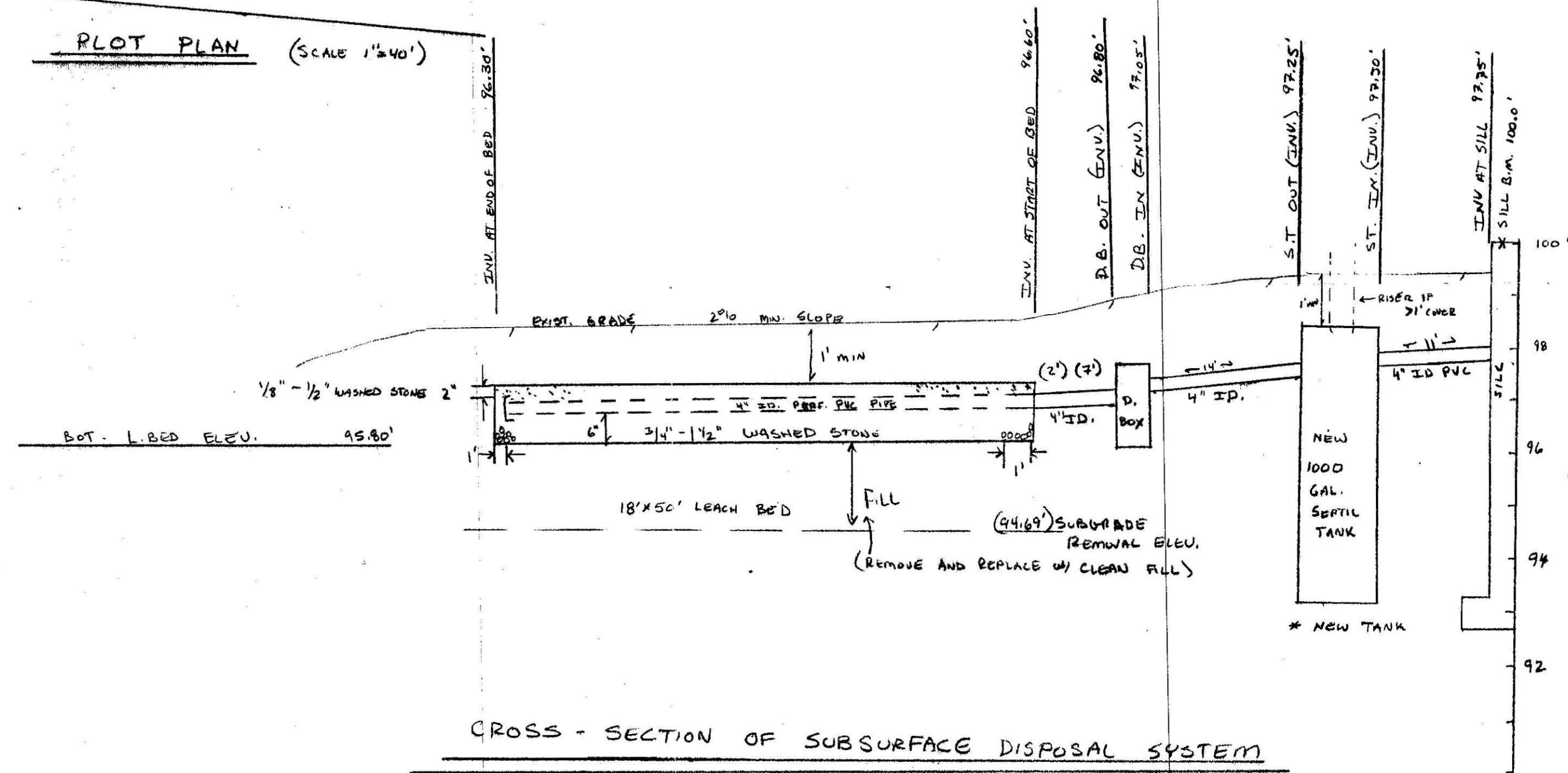
CROSS-SECTION OF LEACHING FIELD (NTS)

| TP-1 | SOIL LOGS | (EL. 98.35') TP-2 |
|----------|----------------------------------|-------------------|
| 0-12" | Brown loam | 0-12" |
| 12"-24" | Sub soil w/ fill and silt. | 12"-24" |
| H2O @ 4' | Fine - med. sand with some silt. | 3'-8" → 8' |
| 4'-EOP. | Silt with some clay at 8' | 8' (EOP) |
| | | NO H2O |

JUNE 2, 1992 BY A. WEISS, R.S.
PERC OF 8 MIN/IN AT 62"

DESIGN CRITERIA:

- DESIGN BASED ON 4 BR RES. PERC 2 8 MIN/IN 6/2/92
 $4 \times 110 \frac{\text{GAL}}{\text{DAY}} \times 1.25 = 550 \frac{\text{GAL}}{\text{DAY}}$
- 18' x 50' L. BED = 900 SF. $\times .63 \frac{\text{GAL}}{\text{DAY}} = 567 \frac{\text{GAL}}{\text{DAY}}$
- NO WETLANDS OR SURFACE WATER WITHIN 100'.
- TOWN WATER SUPPLIED. NO KNOWN WELLS WITHIN 200'.
- NO GARBAGE DISPOSAL ALLOWED.
- WASHER TO BE CONNECTED TO NEW S.S.DS.
- NO CHANGE IN EXISTING GRADE REQ'D.
- D. BOX TO BE UNDERLAIN BY MIN 6" OF 3/4" DIA. OUTLET PIPES TO BE LEVEL FOR AT LEAST 2'.
- CLEAR LOAM, SUB, ROOTS AND PARTS OF OLD SYSTEM AT LEAST 10' AROUND SO AS TO NOT INTERFERE WITH OPERATION OF NEW S.S.DS.
- REPLACE WITH CLEAN FILL ABOVE 94.69'. FILL TO COMPLY WITH TITLE IV AND AMHERST BY LAW.
- SANITARIAN TO INSPECT SUBGRADE.



CROSS-SECTION OF SUBSURFACE DISPOSAL SYSTEM



| | | |
|--|--------------|-------------------------------|
| REPAIR SUBSURFACE DISPOSAL SYSTEM PLAN FOR JOYCE AND PAUL BERTRAND #25 STATION RD. AMHERST, MA. | | |
| SCALE: NOTED | APPROVED BY: | DRAWN BY: I.A.W. |
| DATE: 6/22/92 | | REVISED: |
| COLD SPRING ENVIRONMENTAL CONSULTANTS, INC. | | |
| BELCHERTOWN, MA. PH: 323-5957 | | DRAWING NUMBER 95-189-0521 |