#247?

No. 84-18

FEE 90.00 pd

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit

COMMONWEALTH OF MASSACHUSETTS FREDERICK A. FILIOS, R.S. 688

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

Shutesbury Rd
Location - Address or Lot No.

Thomas Kida — Owner
222 N. East St Amherst — Address

Tom Hathaway — Installer
Address

Type of Building — Size Lot 56,000± Sq. feet

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 ..... gallons.

Septic Tank — Liquid capacity 1000 gallons Length ..... Width ..... Diameter ..... Depth .....

Disposal ~~Trench~~ Bed — No. 1 Width 18' 20' Total Length 28' 30' Total leaching area 504 sq. ft. 600 □ MIN

Seepage Pit No. ..... Diameter ..... Depth below inlet ..... Total leaching area ..... sq. ft.

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results 6 Performed by Frederick Filios Date Dec 8 1983

Test Pit No. 1 6 minutes per inch Depth of Test Pit 36" Depth to ground water .....

Test Pit No. 2 ..... minutes per inch Depth of Test Pit ..... Depth to ground water .....

Description of Soil Enclosed

Nature of Repairs or Alterations — Answer when applicable .....

Agreement:

The undersigned agrees to install the aforedescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Sanitary 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 X [signature] 5/15/84 Date

Application Approved By [signature] 5/16/84 Date

Application Disapproved *for the following reasons:* .....

Permit No. 84-18 Issued 5-16-84 Date

CHECK OR FILL IN WHERE APPLICABLE

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

OF .....

Certificate of Compliance

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

at .....

has been installed in accordance with the provisions of TITLE 5 of The State Sanitary 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 .....

No.....

Fee 90.00 ✓

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit

COMMONWEALTH OF MASSACHUSETTS — FREDERICK A. FILIOS, R.S. 638

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

Shutesbury Rd — Location - Address — or Lot No.

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Tom Hathaway — Installer — Address

Type of Building — Size Lot 56,000± Sq. feet

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 ..... gallons.

Septic Tank — Liquid capacity 1000 gallons Length ..... Width ..... Diameter ..... Depth .....

Disposal ~~Trench~~ Bed — No. 1 Width 18' Total Length 28' Total leaching area 504 sq. ft.

Seepage Pit No. ..... Diameter ..... Depth below inlet ..... Total leaching area ..... sq. ft.

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results — Performed by Frederick Filios — Date Dec 5 1983

Test Pit No. 1 6 minutes per inch Depth of Test Pit 30" Depth to ground water 8½'

Test Pit No. 2 ..... minutes per inch Depth of Test Pit ..... Depth to ground water .....

Description of Soil Enclosed

Nature of Repairs or Alterations — Answer when applicable

Agreement:

The undersigned agrees to install the aforedescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 of the State Sanitary 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] 5/15/84 — Date

Application Approved By ..... Date

Application Disapproved *for the following reasons:* .....

Date

Permit No. ..... Issued ..... Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

OF .....

Certificate of Compliance

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

by ..... Installer

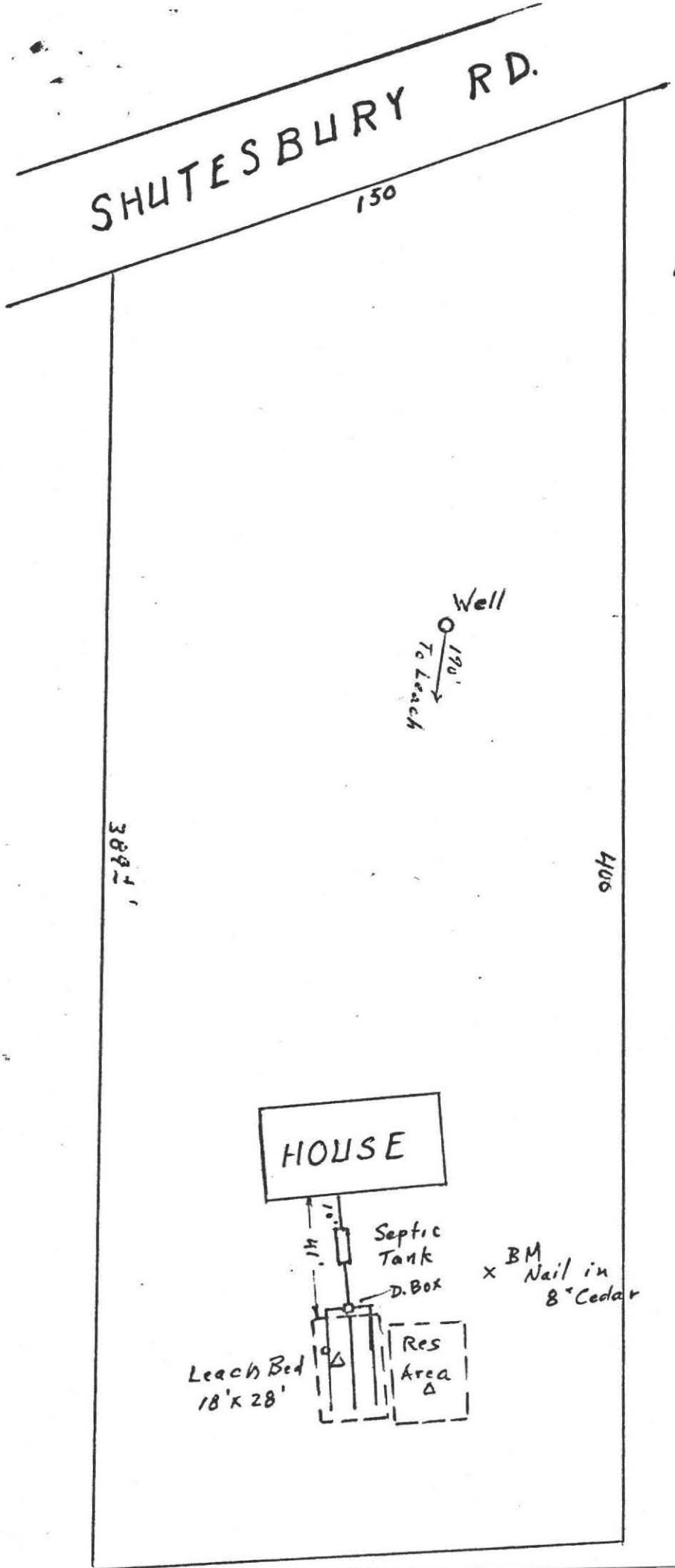
at .....

has been installed in accordance with the provisions of TITLE 5 of The State Sanitary 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 .....

CHECK OR FILL IN WHERE APPLICABLE



PLAN SHOWING SEWAGE DISPOSAL

For: Tom Kida
222 N. East St
Amherst Mass

Scale: 1" = 40'

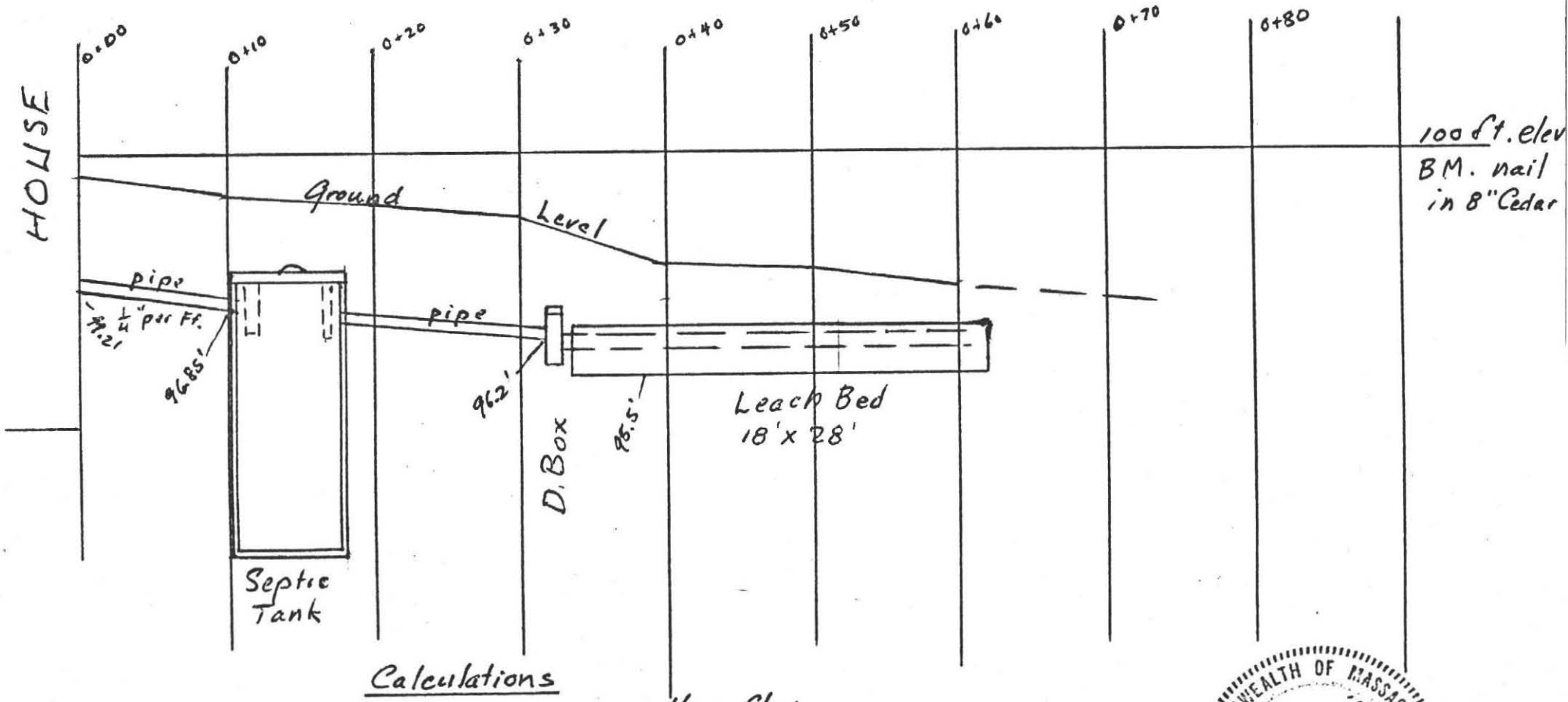
By: Frederick Filios

PROFILE OF SEPTIC SYSTEM

May 1984

For: Tom Kida
222 N. East St.
Amherst Mass
At: Shutesbury Rd.

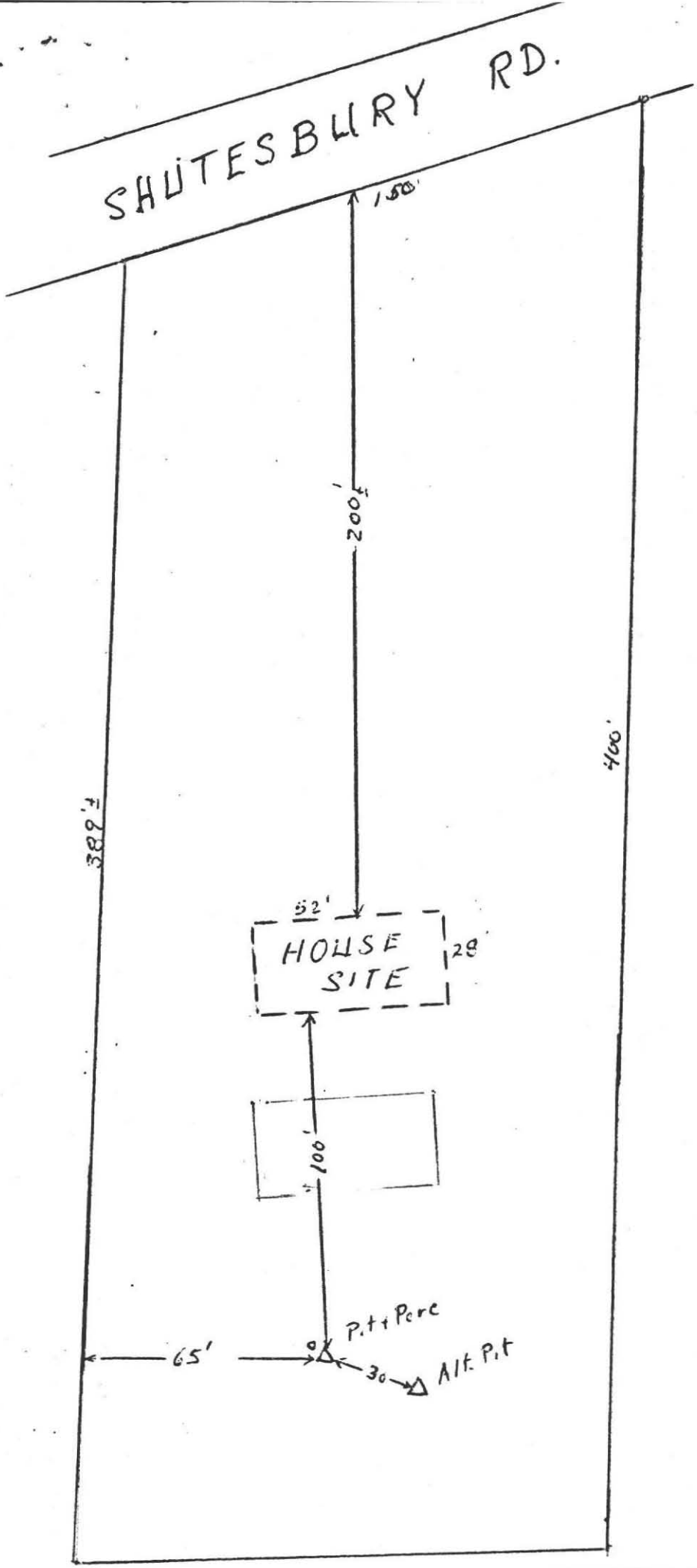
Scale: Horizontal, 1" = 10'
Vertical, 1" = 3'
By: Frederick Filios



Calculations

3 bdm. x 110 = 330 gallons flow
At: 6 min/inch 1.4 sq. ft per gal.
330 x 1.4 = 462 Sq. Ft. required
18' x 28' = 504 " " proposed

COMMONWEALTH OF MASSACHUSETTS
FREDERICK A. FILIOS, R.S.
688



PERCOLATION TEST LOCATION

For: Tom Kida
222 N. East St.
Amherst Mass

At: Shutesbury Rd.

Scale: 1" = 40'

By: Frederick Filios

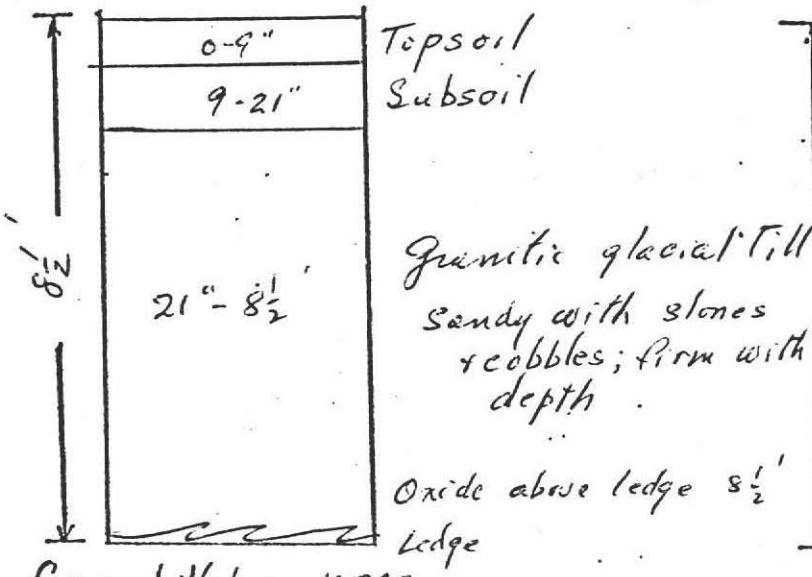
COMMONWEALTH OF MASSACHUSETTS
FREDERICK G. FILIOS
REG. L.S.
608

DEEP SOIL LOGS

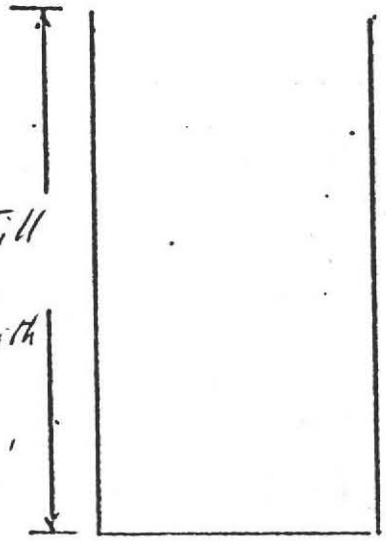
OWNER Tom Kida Date Dec 8 1983

LOCATION Shutesbury Road OBSERVER F.A. Filios

Soil

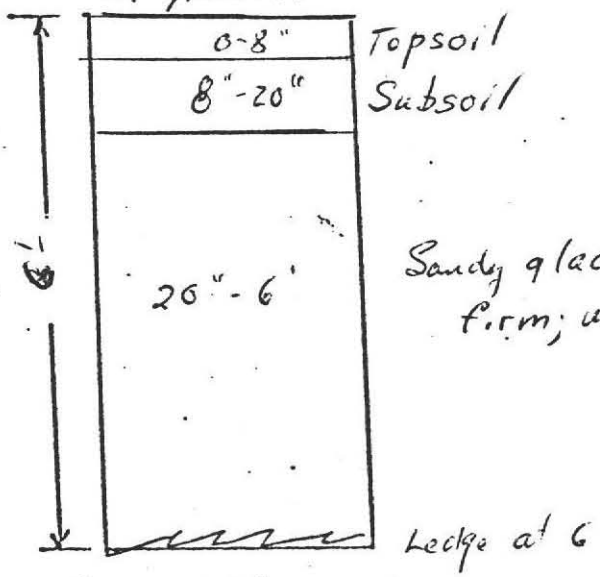


Ground Water none

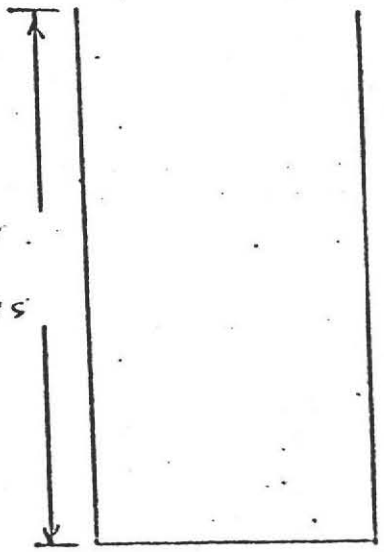


Ground Water _____

Alt. Pit



Ground Water none



Ground Water _____

Rate of Percolation at 34"

5.7 minutes/inch

COMMONWEALTH OF MASSACHUSETTS
SOIL SCIENTIST
F.A. FILIOS

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

SHUTESBURY ROAD

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner THOMAS KLOA Address 222 N. EAST ST

Installer TOM HATHAWAY Address WESTHAMPTON

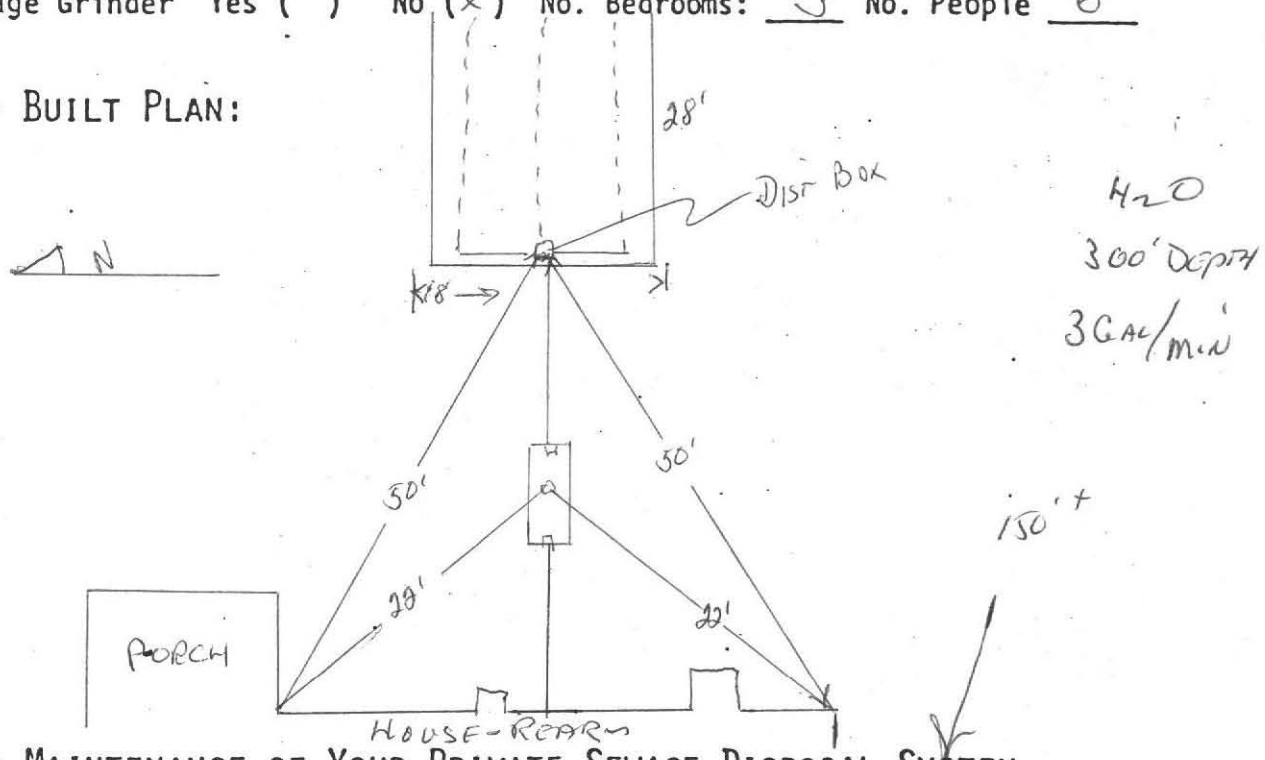
Date Installation Inspected and Approved 10-5-84

Description of System: Tank Capacity: 1000

Leach Field ( ) Bed (X) Seepage Pit ( ) Square Feet: 600

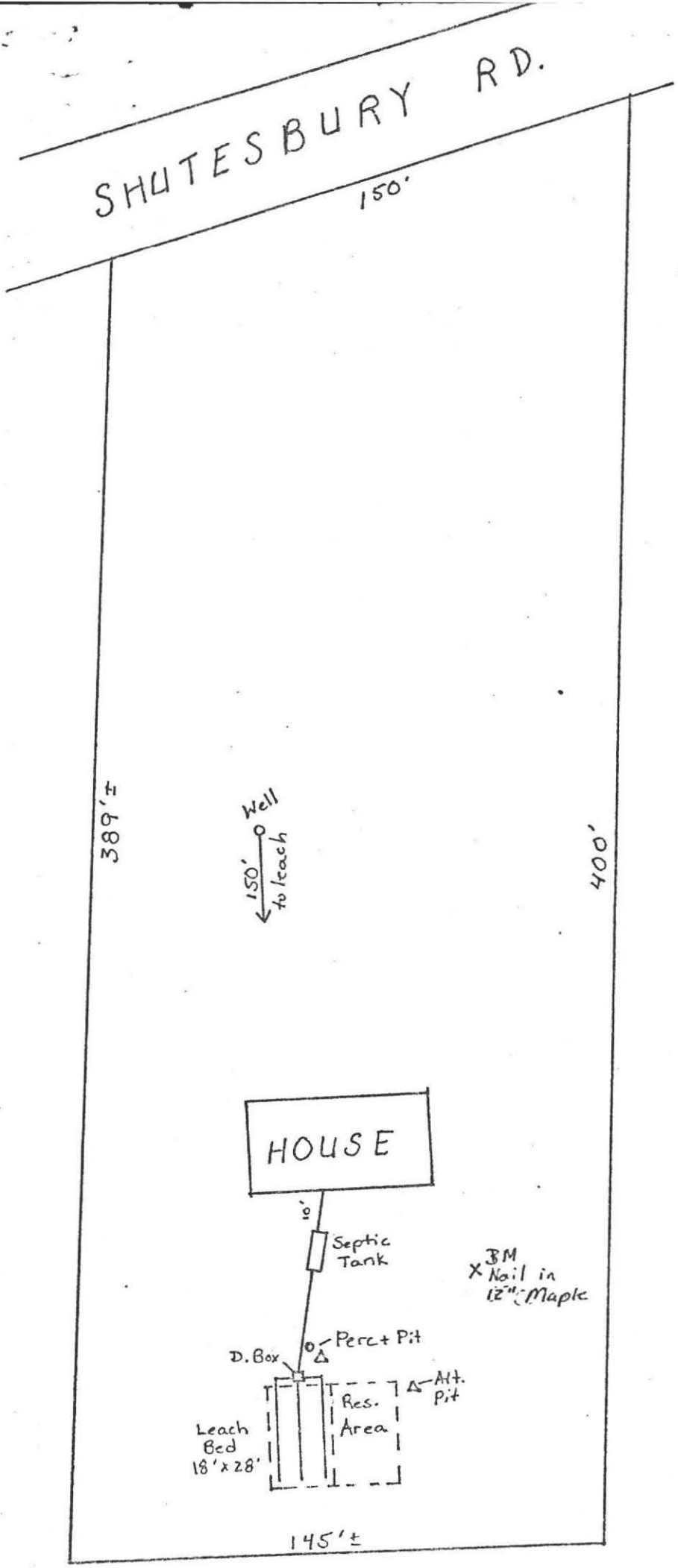
Garbage Grinder Yes ( ) No (X) No. Bedrooms: 3 No. People 6

AS - BUILT PLAN:



PROPER MAINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

1. This system must be inspected periodically and the tank pumped out at an interval not to exceed 3 years.
2. For your protection sanitary pumpers are licensed by the Amherst Board of Health.
3. Regular pumping is crucial to avoid early failure and costly repairs of the system.
4. DO NOT dispose into the system such items as rags, string, sanitary napkins, coffee grounds as they can cause it to clog and fail.
5. Further information can be obtained by contacting your Health Department at 253-7077.

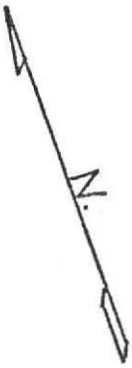


PLAN SHOWING SEWAGE DISPOSAL

For: Tom Kida
222 N. East St.
Amherst Mass.

Scale: 1" = 40'

By: Frederick Filios

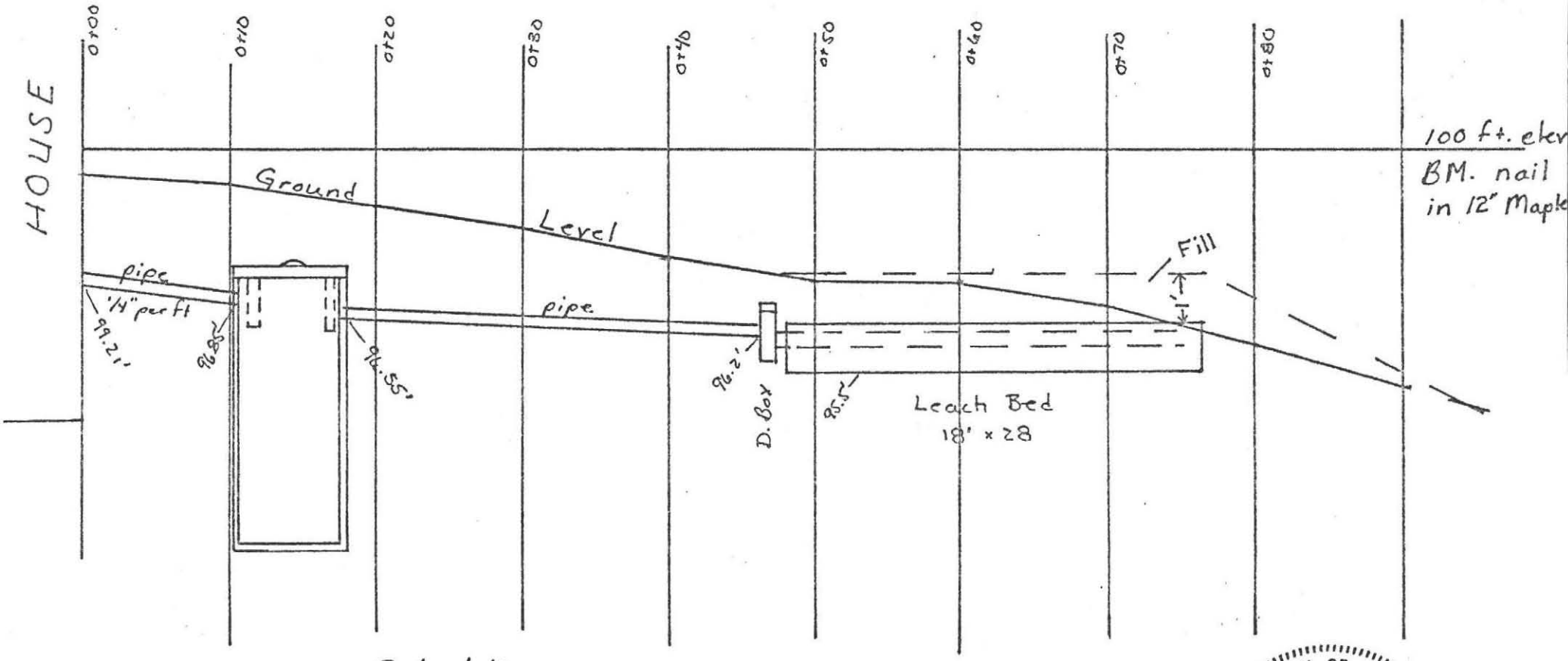


PROFILE OF SEPTIC SYSTEM

June 1984

For: Tom Kida
222 N. East St.
Amherst, Mass
At: Shutesbury Rd.

Scale: Horizontal; 1" = 10'
Vertical; 1" = 3'
By: Frederick Filios



Calculations

3 bdm. x 110 = 330 gallons flow
At: 6 min/inch .71 sq. ft per gal.
18 x 28 = 504 sq. ft
504 x .71 = 357.8 gallons proposed

COMMONWEALTH OF MASSACHUSETTS
FREDERICK A. FILIOS, R.S.
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