#390

No. 84-34 FEE $90

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit

COMMONWEALTH OF MASSACHUSETTS FREDERICK FILIOS, R.S. 688

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

Middle Street (Location - Address) 6 (Manheim) (or Lot No.)

Donald Gross, Sundance Design (Owner) P.O. Box 780 Northampton Ma. (Address)

X Tom Hathaway (Installer) Westhampton, MA. (Address)

Type of Building Size Lot 30,750 Sq. feet

Dwelling — No. of Bedrooms 3 Expansion Attic ( ) Garbage Grinder ( )

Other — Type of Building ..... No. of persons ..... Showers ( ) — Cafeteria ( )

Other fixtures CON

Design Flow 55 gallons per person per day. Total daily flow 330 gallons.

Septic Tank — Liquid capacity ..... gallons Length ..... Width ..... Diameter ..... Depth 111'

Disposal Trench — No. 3 Width 2' Total Length 74' Total leaching area ~~185~~ sq. ft. Sides Bottom

Seepage Pit No. ..... Diameter ..... Depth below inlet ..... Total leaching area 222 sq. ft.

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results Performed by Frederick Filios Date Apr 8 1976

Test Pit No. 1 63 minutes per inch Depth of Test Pit 7' Depth to ground water Seepage 3'

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

Description of Soil Enclosed CURTAIN DRAIN REQUIRED

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.

X Signed Donald L. Gross

Application Approved By C.E. Dreby Date 8-28-84

Application Disapproved *for the following reasons:*

Permit No. 84-34 Issued 8-28-84 (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 .....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

No. 84-34 TOWN OF AMHERST FEE $90

Disposal Works Construction Permit

Permission is hereby granted DONALD GROSS - TOM HATHAWAY

to Construct (X) or Repair ( ) an Individual Sewage Disposal System

at No. LOT 6 (MANHEIM) MIDDLE ST (Street)

as shown on the application for Disposal Works Construction Permit No. 84-34 Dated 8/28/84

C.E. Dreby (Board of Health)

DATE 8/28/84

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS

CHECK OR FILL IN WHERE APPLICABLE

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit

COMMONWEALTH OF MASSACHUSETTS FREDERICK FILIOS, R.S. 688

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

Middle Street — Location - Address

6 (Manheim) — or Lot No.

Donald Gross, Sundance Design — Owner

P.O. Box 180 Northampton Ma. — Address

Installer — Address

Type of Building — Size Lot 30,750 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 330 gallons.

Septic Tank — Liquid capacity ..... gallons Length ..... Width ..... Diameter ..... Depth 74

Disposal Trench — No. 2 Width 2' Total Length 74' Total leaching area ~~105~~ 148 sq. ft. Sides Bottom

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 Apr 8 1976

Test Pit No. 1 1.3 minutes per inch Depth of Test Pit 1' Depth to ground water Seepage 3'

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:

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Application Approved By ..... Date

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DATE ..... Inspector .....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

PLAN SHOWING SEWAGE DISPOSAL

For: Donald Gross

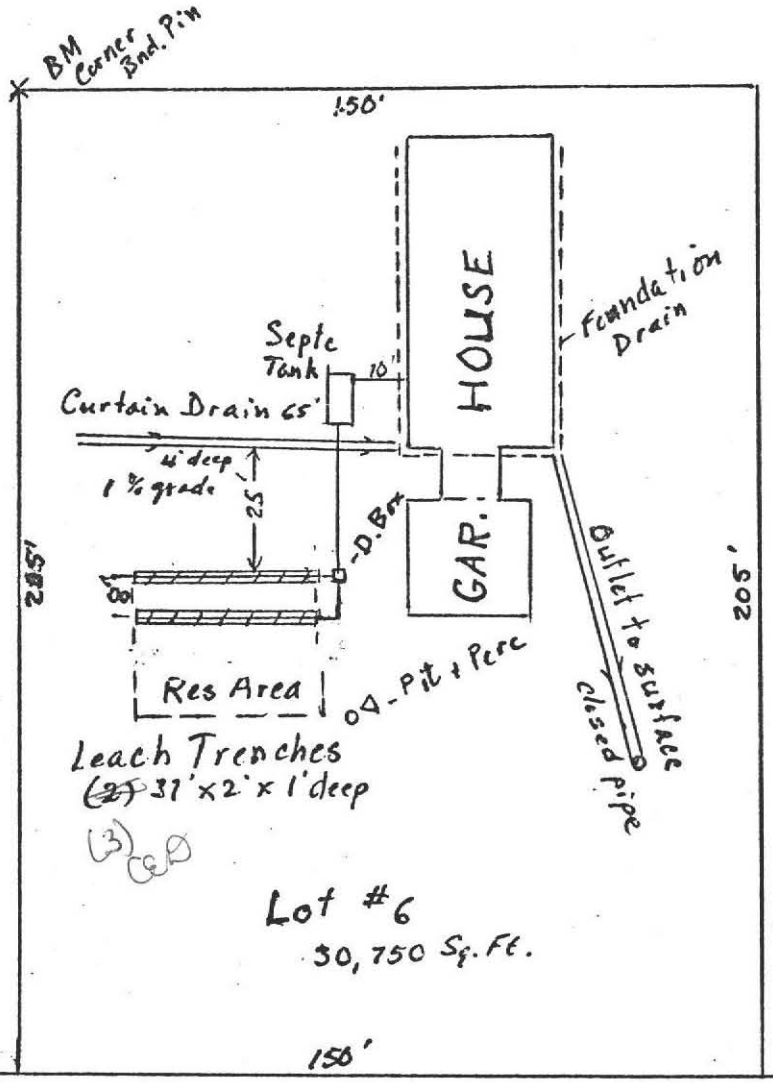
Sundance design assoc. inc.

P.O. Box 780, Northampton, Mass.

At: Middle St.

Scale: 1" = 40'

By: Frederick Filios



MIDDLE STREET

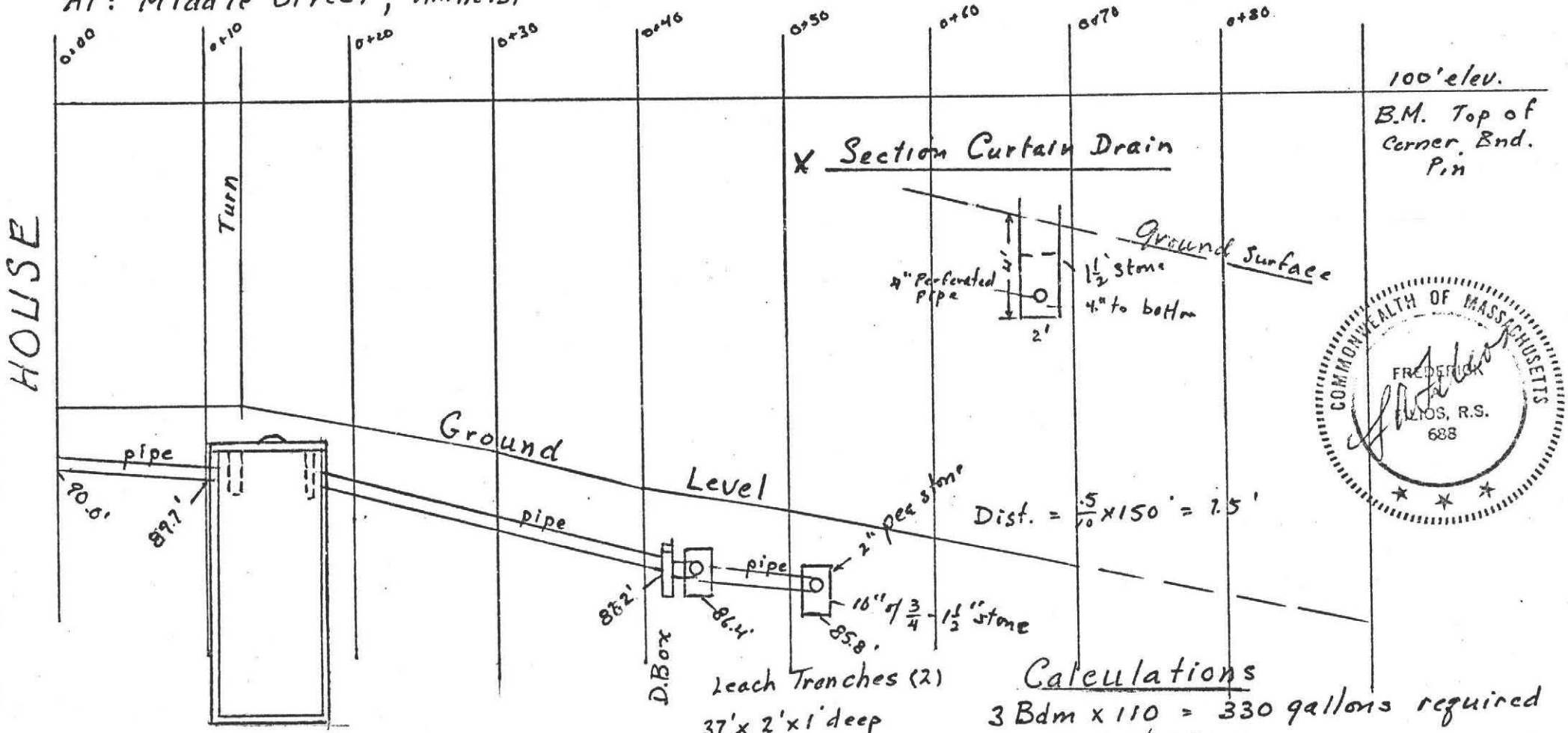
PROFILE OF SEPTIC SYSTEM

August 1984

For: Donald Gross
Sundance Design
P.O. Box 780, Northampton
At: Middle Street, Amherst

Scale: Horizontal; 1" = 10'
Vertical; 1" = 3'

By: Frederick Filios



Calculations

3 Bdm x 110 = 330 gallons required
At: 2 minutes/inch
Sides; 2.5 gal. per Sq Ft.
Bottom; 1.0 gal. per Sq Ft.

Sides 74' x 1 x 2.5' = 185 gallons
Bottom 74' x 2 x 1.0 = 148 "
Total 333 gallons proposed

DEEP SOIL LOGS

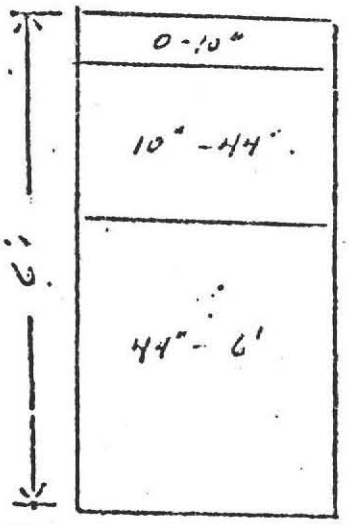
OWNER L. Robt Mannheim

DATE Apr. 8 1976

LOCATION 374 Middle St

OBSERVER EA Fillios

Lot # 5



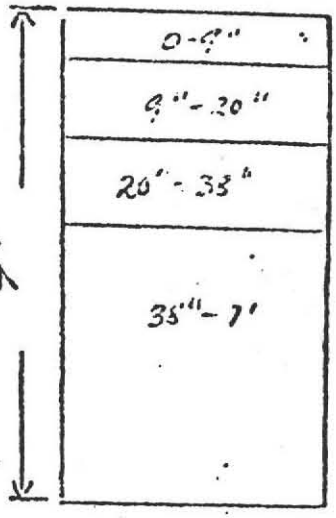
Topsoil

Subsoil sandy

Clay with some gravel

GROUND WATER Rapid seepage at 3½'

Lot # 6



Topsoil

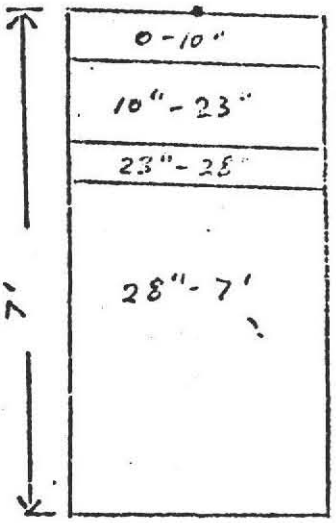
Subsoil Sand + silt w some gravel

Gravel coarse sand

Clay with some cobbles and gravel inclusions

GROUND WATER Seepage at 3'

Lot # 9



Topsoil

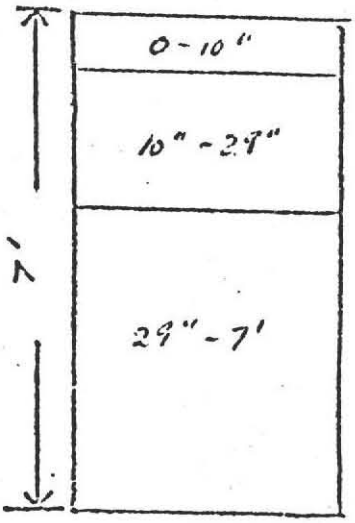
Subsoil silt + clay

silt + clay

Heavy clay slight seepage

GROUNDWATER Slight seepage accumulated in pit at 6'10" in app. ½ hr.

Lot # 9 Alternate



Topsoil

Subsoil Sand with some silt + clay, few gravel.

Clay containing some coarse separates

GROUND WATER Seepage accumulated to 6'10"

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

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

Application for Disposal Works Construction Permit

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Donald Gross, Sundance Design (Owner) P.O. Box 180 Northampton Ma. (Address)

(Installer) (Address)

Type of Building Size Lot 30,750 Sq. feet

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Other fixtures .....

Design Flow 55 gallons per person per day. Total daily flow 330 gallons.

Septic Tank — Liquid capacity ..... gallons Length ..... Width ..... Diameter ..... Depth 74

Disposal Trench — No. 2 Width 2' Total Length 74' Total leaching area ~~185~~ 148 sq. ft. Sides Bottom

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

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Description of Soil Enclosed

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

Agreement:

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Signed ..... Date

Application Approved By ..... Date

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

..... Date

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

CHECK OR FILL IN WHERE APPLICABLE

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

..... OF .....

Certificate of Compliance

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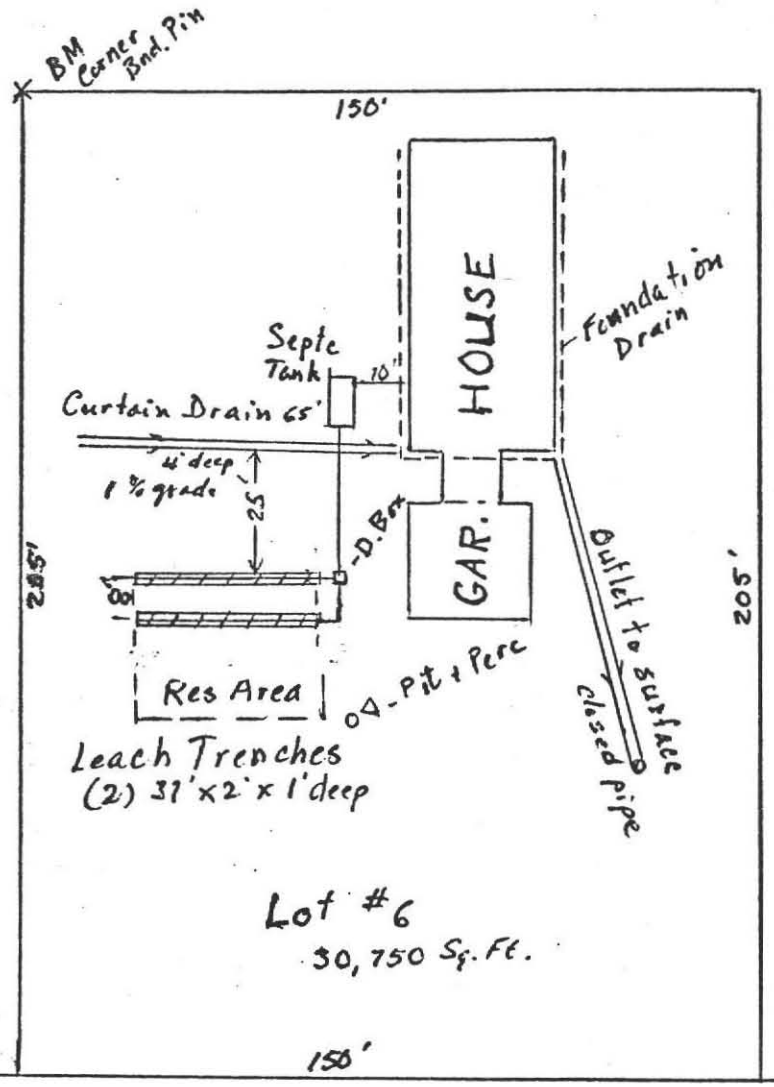


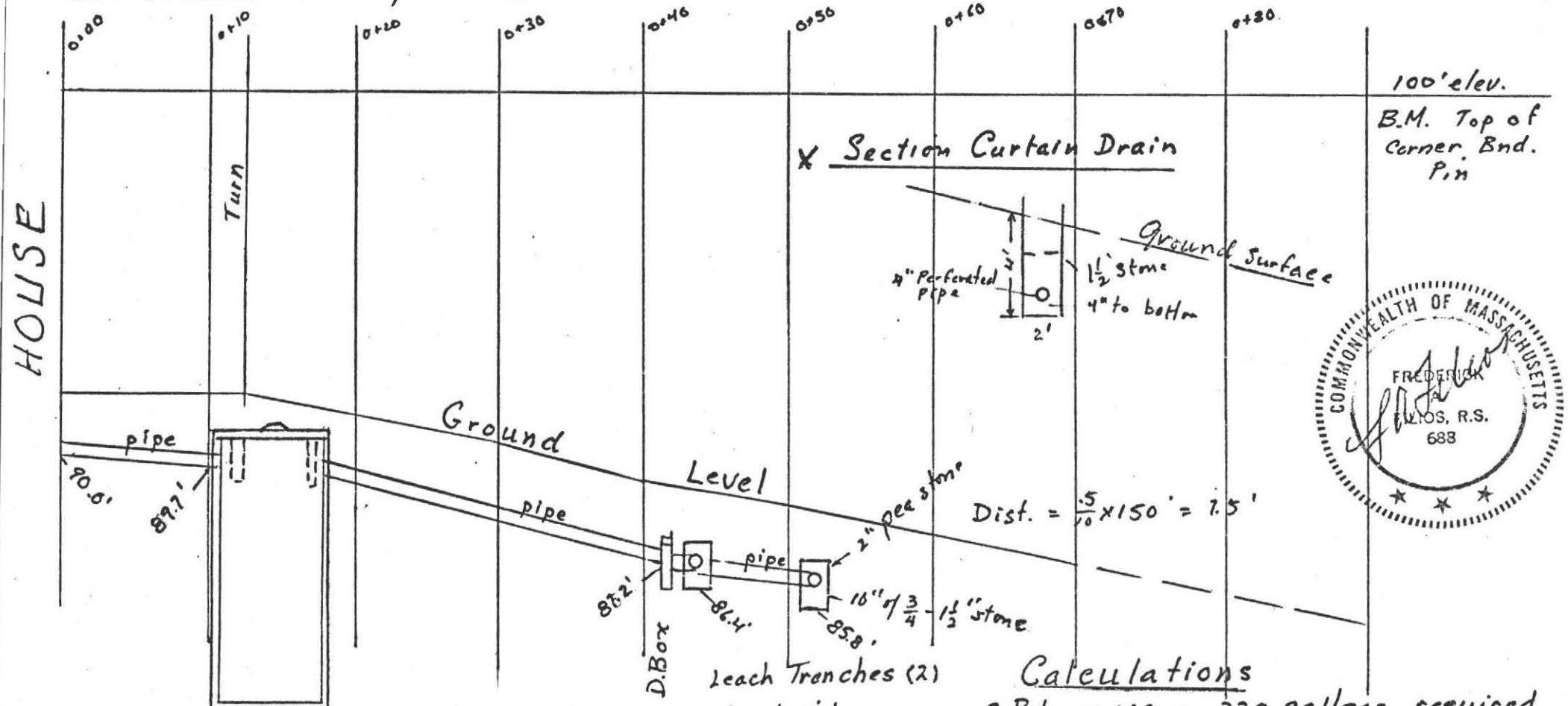
MIDDLE STREET

PROFILE OF SEPTIC SYSTEM

August 1984

For: Donald Gross
Sundance Design
P.O. Box 780, Northampton
At: Middle Street, Amherst

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



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

Calculations

3 Bdm x 110 = 330 gallons required
At: 2 minutes/inch
Sides; 2.5 gal. per Sq Ft.
Bottom; 1.0 gal. per Sq Ft.

Sides 74' x 1 x 2.5' = 185 gallons
Bottom 74' x 2 x 1.0 = 148 "
Total 333 gallons proposed

DEEP SOIL LOGS

OWNER L. Robt Mannheim

DATE Apr. 8 1976

LOCATION 374 Middle St

OBSERVER FA Files

Lot # 5

0-10"	Topsoil
10"-44"	Subsoil sandy
44"-6'	Clay with some gravel

GROUND WATER Rapid seepage at 3½'

Lot # 6

0-9"	Topsoil
9"-20"	Subsoil Sand & silt w some gravel
20"-33"	Gravel coarse sand
35"-7'	Clay with some cobbles and gravel inclusions

GROUND WATER Seepage at 3'

Lot # 9

0-10"	Topsoil
10"-23"	Subsoil silt & clay
23"-28"	silt & clay
28"-7'	Heavy clay slight seepage

GROUNDWATER Slight seepage accumulated in pit at 6'10" in app. ½ hr.

Lot # 9 Alternate

0-10"	Topsoil
10"-29"	Subsoil Sand with some silt & clay few gravel
29"-7'	Clay containing some coarse separates

GROUND WATER Seepage accumulated To 6'10"

COMMONWEALTH OF MASSACHUSETTS
R.S.
C88

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

390 MIDDLE ST

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner DONALD GROSS - SUNDANCE Address P.O BOX 780 NORTHAMPTON

Installer TOM HATHAWAY Address WESTHAMPTON

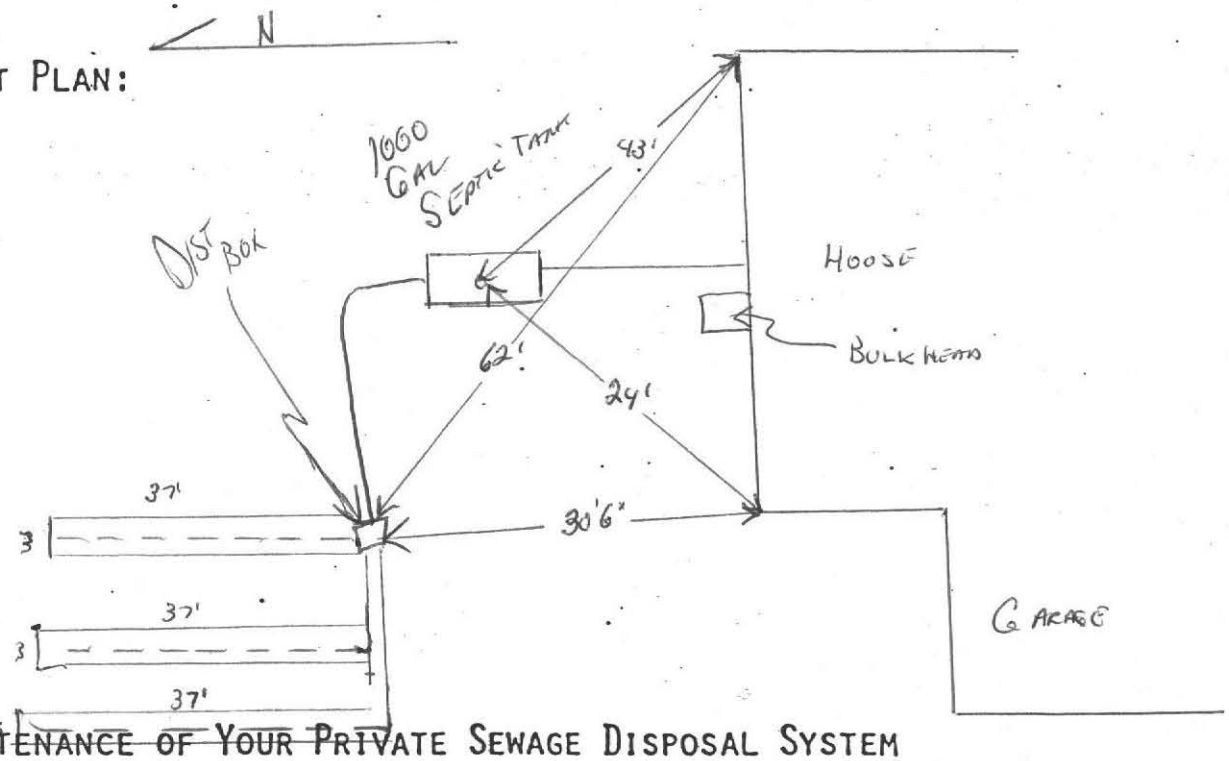
Date Installation Inspected and Approved 10-25-84

Description of System: Tank Capacity: 1000 GALLON

Leach Field (X) Bed (:) Seepage Pit ( ). Square Feet: 111 □ SIDES 222 □. BOTTOM

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.