M-17 APR 23 1986 12:05 pm #63

No. 86-37 FEE 90.00

NOTICE GIVEN

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

COMMONWEALTH OF MASSACHUSETTS FREDERICK ... MASS. R.S. 688

Application for Disposal Works Construction Permit

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

63 Larkspur Drive — Location - Address — Lot 110 — or Lot No.

Phil Shumway — Owner — 25 Mt. Pollux Drive — Address

KARL KONIECZNY — Installer — 327 RIVER DRIVE — Address

Type of Building — Size Lot 33,000 ± Sq. feet

Dwelling — No. of Bedrooms 4 — Expansion Attic ( ) — Garbage Grinder (✓)

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

Other fixtures .....

Design Flow 82.5 gallons per person per day. Total daily flow 660 gallons.

Septic Tank — Liquid capacity 1500 gallons Length 10½' Width 5' Diameter ..... Depth 5'

~~Disposal Trench — No.~~ ..... Width 7' Total Length 16½' Total leaching area 235 sq. ft. sides

Seepage Pit No. 1 ~~Diameter~~ ..... Depth below inlet 5' Total leaching area 115.5 sq. ft. Bottom

Other Distribution box ( ) Dosing tank ( )

Percolation Test Results Performed by F.A. Filios Date April 26, 1985

Test Pit No. 1 2 minutes per inch Depth of Test Pit 10' Depth to ground water NONE

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 Philip E Shumway Date 4/23/86

Application Approved By Charles E Koch Jr. Date 4/24/86

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

Permit No. 86-37 Issued 4/24/86 Date 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 .....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

No. 86-37 Town OF AMHERST FEE $90

Disposal Works Construction Permit

Permission is hereby granted PHILLIP SHUMWAY - KARLS ETC

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

at No. LOT 110 LARKSPUR DR. Street

as shown on the application for Disposal Works Construction Permit No. 86-37 Dated 4/24/86

Charles E Koch Jr. Board of Health

DATE 4/24/86

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

Lot 110 Larkspur Dr.

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner Phil Shumway Address Mt Pollux Dr.

Installer Karls Exc. Address Hadley

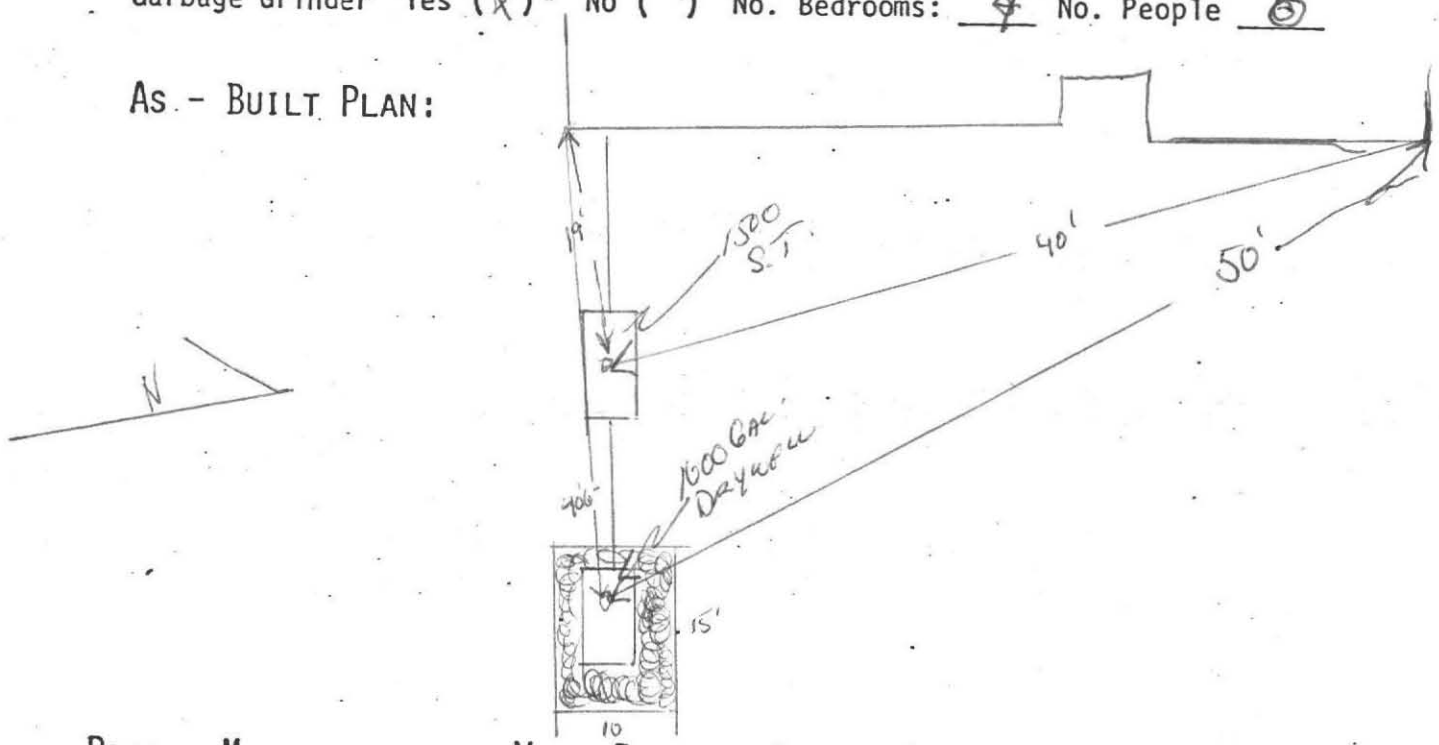
Date Installation Inspected and Approved Dec 1986

Description of System: Tank Capacity: 1500

Leach Field ( ) Bed ( ) Seepage Pit (X). Square Feet: 120 Bottom 235 Sides

Garbage Grinder Yes (X) No ( ) No. Bedrooms: 4 No. People 8

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.

No.....

Fee.....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Application for Disposal Works Construction Permit

COMMONWEALTH OF MASSACHUSETTS FREDERICK ... MASS. R.S. 688

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

Larkspur Drive — Location - Address

Lot 110 — or Lot No.

Phil Shumway — Owner

25 Mt. Pollux Drive — Address

Installer — Address

Type of Building — Size Lot 33,000 ± Sq. feet

Dwelling — No. of Bedrooms 4 — Expansion Attic ( ) — Garbage Grinder (✓)

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Signed ..... 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

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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 .....

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

CHECK OR FILL IN WHERE APPLICABLE

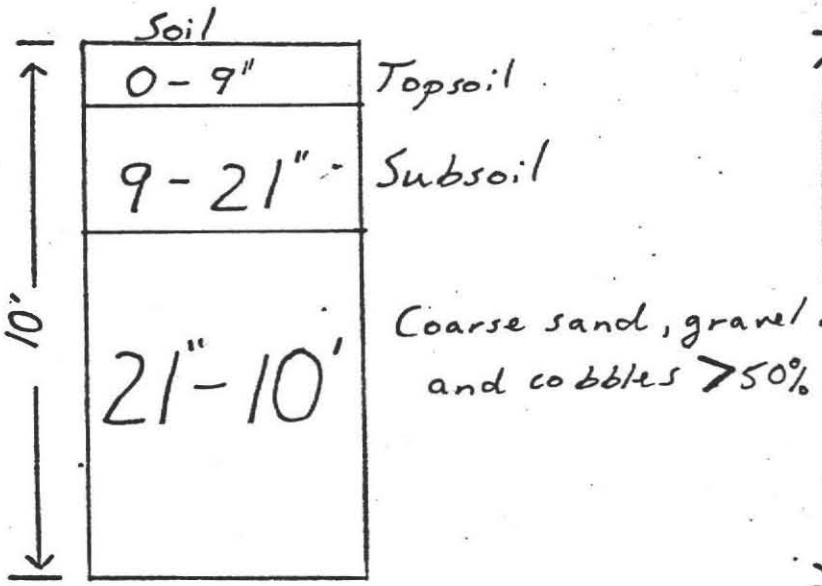
DEEP SOIL LOGS

OWNER Amherst Woods Inc.

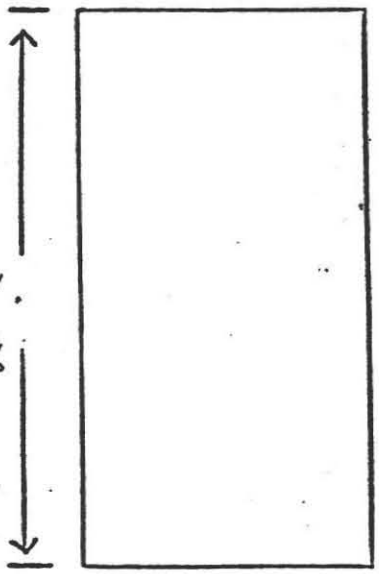
DATE April 26, 1985

LOCATION Amherst Woods
Lot # 110

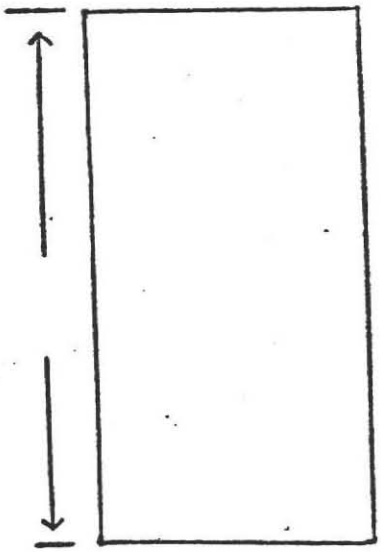
OBSERVER F.A. Filios



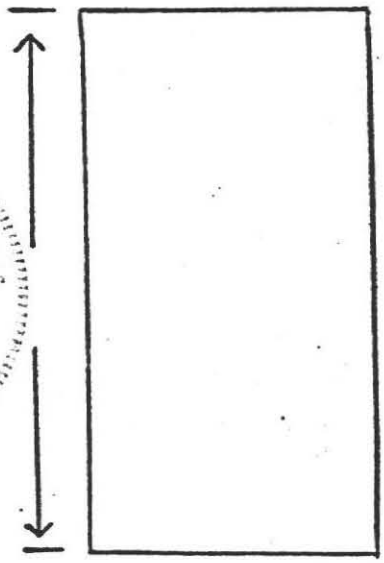
GROUND WATER None



GROUND WATER



GROUND WATER



GROUND WATER

PERCOLATION RATE AT 42":

< 2 min/inch

PLAN SHOWING SEWAGE DISPOSAL SYSTEM

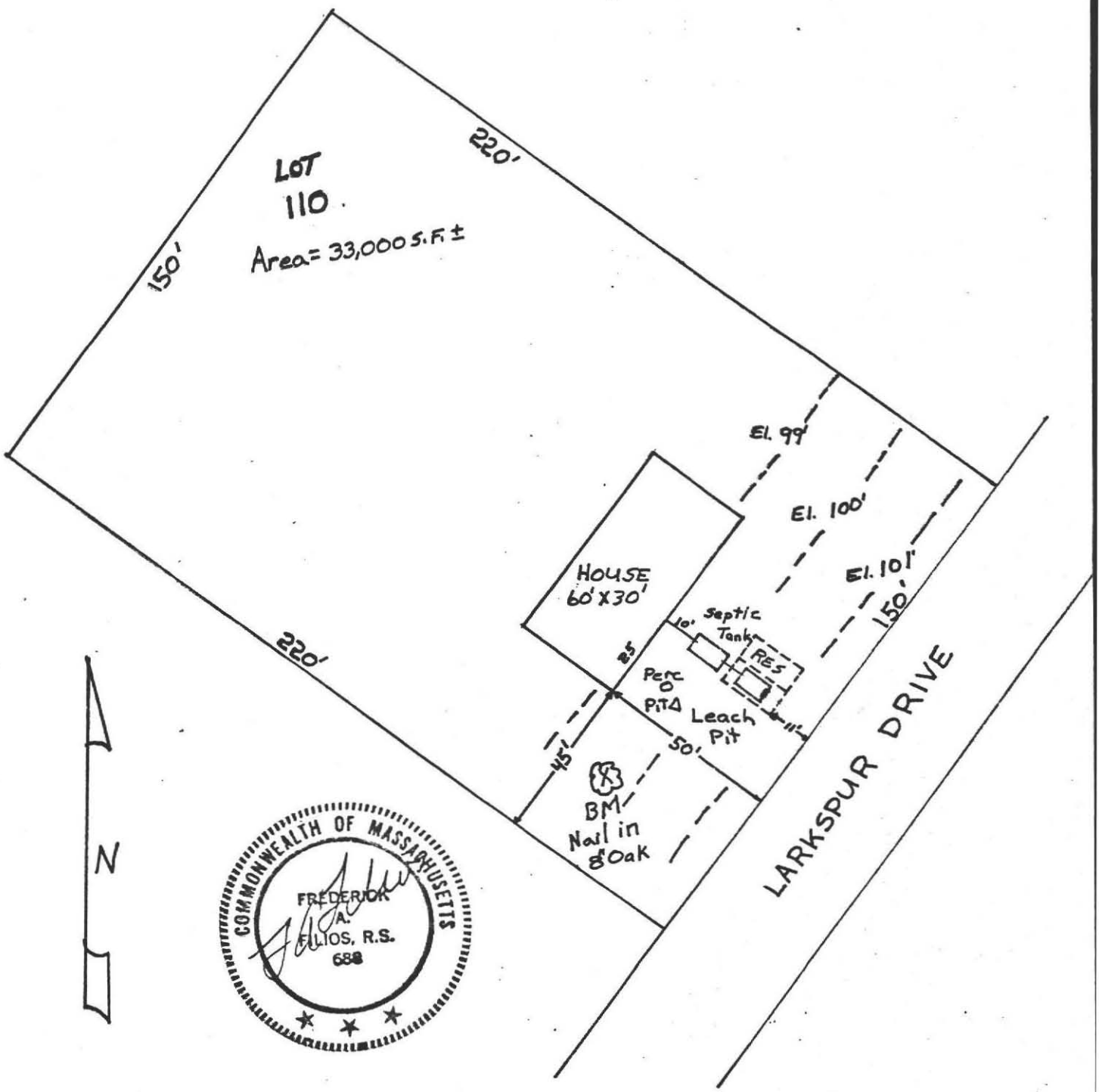
FOR: Phil Shumway
25 Mt. Pollux Drive
Amherst, MA.

AT: Lot 110
Larkspur Drive
Amherst Woods
Amherst, MA.

BY: F. A. Filios W.T.
69 Pelham Road
Amherst, MA.

SCALE: 1"=40'

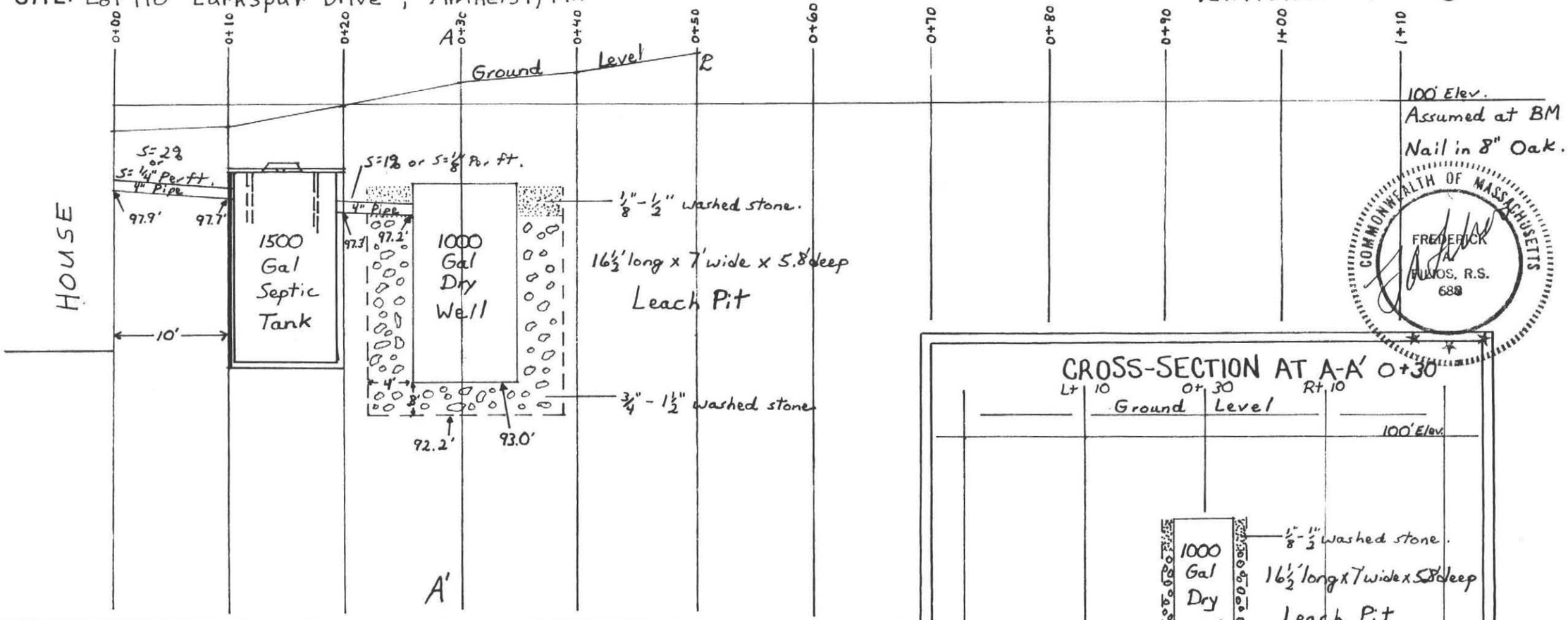
DATE: April 22, 1986

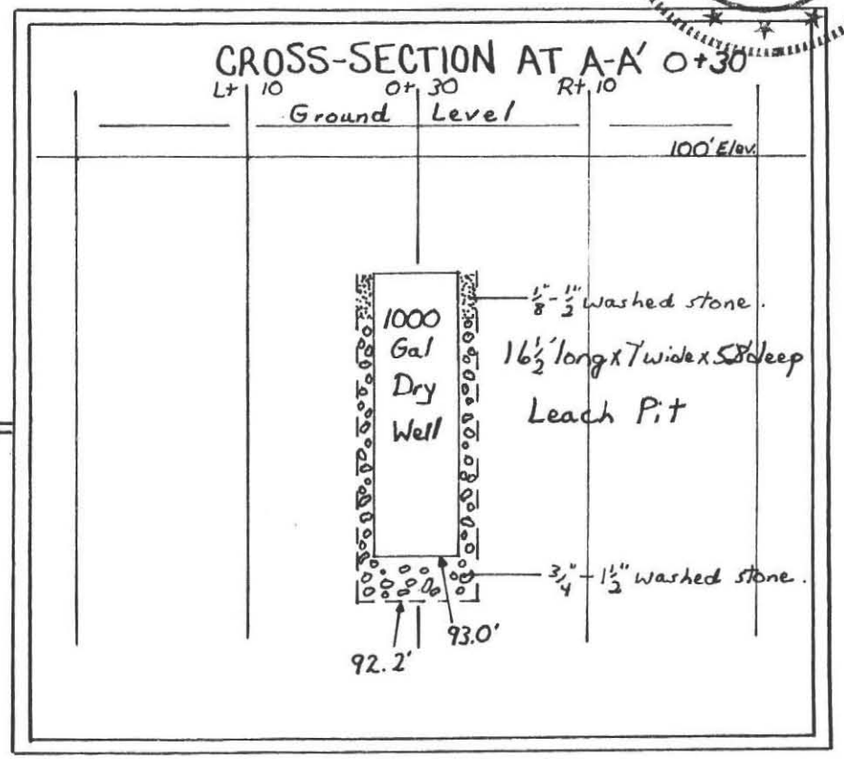


PROFILE OF SEPTIC SYSTEM

FOR: Phil Shumway
25 Mt. Pollux Drive, Amherst, MA.
SITE: Lot 110 Larkspur Drive, Amherst, MA.

BY: FREDERICK A. FILIOS W.T.
DATE: April 22, 1986
SCALE: HORIZONTAL: 1" = 10'
VERTICAL: 1" = 3'





SPECIFICATIONS

ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH COMM. OF MASS. D.E.Q.E. STATE ENVIRONMENTAL CODE TITLE 5.

CALCULATIONS

4 Bdm x 110 = 440 + 50% for G.G. = 660 gallons
Perc Rate = 2 min / inch
Sides = 2.5 gal/S.F. ; Bottom = 1.0 gal/S.F.
Leach Pit : 16½' long x 7' wide x 5.8' deep
Sides: 16½' x 5' x 2 = 165 S.F. x 2.5 = 412.5
7' x 5' x 2 = 70 S.F. x 2.5 = 175.0
Bottom: 16½' x 7' = 115.5 S.F. x 1.0 = 115.5
Total = 703 gallons