Alyssum Drive - Completed

TITLE 5
OFFICIAL INSPECTION FOR - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM FORM
PART A
CERTIFICATION

Property Address: 8 Alyssum Drive Amherst MA
Owner's Name: Karen Barad & Roanne Wilson
Owner's Address: 8 Allysum Drive,
Amherst MA 01002
Date of Inspection: June 29, 2005

Name of Inspector: *Alan E. Weiss, R.S # 933*
Company Name: *Cold Spring Environmental Inc.*
Mailing Address: *350 Old Enfield Road*
Belchertown, Massachusetts 01007
Telephone Number: (413) 323-5957 fax: 413-323-4916

CERTIFICATION STATEMENT

I certify that I have personally inspected the sewage disposal system at this address and that the information reported below is true, accurate and complete as of the time of the inspection. The inspection was performed based on my training and experience in the proper function and maintenance of on site sewage disposal systems. **I am a DEP approved system inspector pursuant to Section 15.340 of Title 5 (310 CMR 15.000).** The system:

XX Passes
____Conditionally Passes
____ Needs Further Evaluation by the Local Approving Authority
____ Fails

Inspector's Signature: _____ **Date: June 29, 2005**

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system is a shared system or has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

Notes and Comments

Septic System was in good condition, There is no sign of current or past failing condition. S. Tank (1500 gallon) was in good shape. Baffles were inplace and septic tank was pumped. 1000 g l. tank had 18" liquid (48" eff ht.) with no sign of hi staining or Failure. Est. G. water 10'. System is 20+ years old.

****This report only describes conditions at the time of inspection and under the conditions of use at that time. This inspection does not address how the system will perform in the future under the same different conditions of use.**

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART A
CERTIFICATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

Inspection Summary: Check A,B,C,D or E / ALWAYS complete all of Section D

A. System Passes:
YES I have not found any information which indicates that any of the failure criteria described in 310 CMR 15.303 or in 310 CMR 15.304 exist. Any failure criteria not evaluated are indicated below.

Comments: System is 30+ yrs. Old, however all levels were appropriate.

B. System Conditionally Passes:

NO One or more system components as described in the "Conditional Pass" section need to be replaced or repaired. The system, upon completion of the replacement or repair, as approved by the Board of Health, will pass.

Answer yes, no or not determined (Y,N,ND) in the ____ for the following statements. If "not determined" please explain.

____ The septic tank is metal and over 20 years old* **or** the septic tank (whether metal or not) is structurally unsound, exhibits substantial infiltration or exfiltration or tank failure is imminent. System will pass inspection if the existing tank is replaced with a complying septic tank as approved by the Board of Health. *A metal septic tank will pass inspection if it is structurally sound, not leaking and if a Certificate of Compliance indicating that the tank is less than 20 years old is available.

ND explain:

____ Observation of sewage backup or break out or high static water level in the distribution box due to broken or obstructed pipe(s) or due to a broken, settled or uneven distribution box. System will pass inspection if (with approval of Board of Health):

____ broken pipe(s) are replaced
____ obstruction is removed
____ distribution box is leveled or replaced

ND explain:

___ The system required pumping more than 4 times a year due to broken or obstructed pipe(s). The system will pass inspection if (with approval of the Board of Health):

____ broken pipe(s) are replaced
____ obstruction is removed

ND explain:

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART A
CERTIFICATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

C. Further Evaluation is Required by the Board of Health:

NO Conditions exist which require further evaluation by the Board of Health in order to determine if the system is failing to protect public health, safety or the environment.

1. **System will pass unless Board of Health determines in accordance with 310 CMR 15.303(1)(b) that the system is not functioning in a manner which will protect public health, safety and the environment:**

   ___ Cesspool or privy is within 50 feet of a surface water
   ___ Cesspool or privy is within 50 feet of a bordering vegetated wetland or a salt marsh

2. **System will fail unless the Board of Health (and Public Water Supplier, if any) determines that the system is functioning in a manner that protects the public health, safety and environment:**

   ___ The system has a septic tank and soil absorption system (SAS) and the SAS is within 100 feet of a surface water supply or tributary to a surface water supply.

   ___ The system has a septic tank and SAS and the SAS is within a Zone 1 of a public water supply.

   ___ The system has a septic tank and SAS and the SAS is within 50 feet of a private water supply well.

   _____ The system has a septic tank and SAS and the SAS is less than 100 feet but 50 feet or more from a private water supply well**. Method used to determine distance _____

   **This system passes if the well water analysis, performed at a DEP certified laboratory, for coliform bacteria and volatile organic compounds indicates that the well is free from pollution from that facility and the presence of ammonia nitrogen and nitrate nitrogen is equal to or less than 5 ppm, provided that no other failure criteria are triggered. A copy of the analysis must be attached to this form.

3. **Other:**

   _____
   _____
   _____

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART A
CERTIFICATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

D. System Failure Criteria applicable to all systems:
You must indicate "yes" or "no" to each of the following for all inspections:

Yes	No	
___	_x_	Backup of sewage into facility or system component due to overloaded or clogged SAS or cesspool
___	_x_	Discharge or ponding of effluent to the surface of the ground or surface waters due to an overloaded or clogged SAS or cesspool
___	_x_	Static liquid level in the distribution box above outlet invert due to an overloaded or clogged SAS or cesspool
___	_x_	Liquid depth in cesspool is less than 6" below invert or available volume is less than ½ day flow
___	_x_	Required pumping more than 4 times in the last year NOT due to clogged or obstructed pipe(s). Number of times pumped ____.
___	_x_	Any portion of the SAS, cesspool or privy is below high ground water elevation.
___	_x_	Any portion of cesspool or privy is within 100 feet of a surface water supply or tributary to a surface water supply.
___	_x_	Any portion of a cesspool or privy is within a Zone 1 of a public well.
___	_x_	Any portion of a cesspool or privy is within 50 feet of a private water supply well.
___	_x_	Any portion of a cesspool or privy is less than 100 feet but greater than 50 feet from a private water supply well with no acceptable water quality analysis. **[This system passes if the well water analysis, performed at a DEP certified laboratory, for coliform bacteria and volatile organic compounds indicates that the well is free from pollution from that facility and the presence of ammonia nitrogen and nitrate nitrogen is equal to or less than 5 ppm, provided that no other failure criteria are triggered. A copy of the analysis must be attached to this form.]**

_NO_ (Yes/No) **The system fails.** I have determined that one or more of the above failure criteria exist as described in 310 CMR 15.303, therefore the system fails. The system owner should contact the Board of Health to determine what will be necessary to correct the failure.

E. Large Systems:
To be considered a large system the system must serve a facility with a design flow of 10,000 gpd to 15,000 gpd.
You must indicate either "yes" or "no" to each of the following:
(The following criteria apply to large systems in addition to the criteria above)

yes	no	
___	___	the system is within 400 feet of a surface drinking water supply
___	___	the system is within 200 feet of a tributary to a surface drinking water supply
___	___	the system is located in a nitrogen sensitive area (Interim Wellhead Protection Area - IWPA) or a mapped Zone II of a public water supply well

If you have answered "yes" to any question in Section E the system is considered a significant threat, or answered "yes" in Section D above the large system has failed. The owner or operator of any large system considered a significant threat under Section E or failed under Section D shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART B
CHECKLIST

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005
Check if the following have been done. You **must** indicate "yes" or "no" as to each of the following:

Yes No

_x_ ___ Pumping information was provided by the owner, occupant, or Board of Health

___ _X_ Were any of the system components pumped out in the previous two weeks ?

_x_ ___ Has the system received normal flows in the previous two week period ?

___ _x_ Have large volumes of water been introduced to the system recently or as part of this inspection ?

_x_ ___ Were as built plans of the system obtained and examined? (If they were not available note as N/A)

_x_ ___ Was the facility or dwelling inspected for signs of sewage back up ?

_x_ ___ Was the site inspected for signs of break out ?

_x_ ___ Were all system components, excluding the SAS, located on site ?

_x_ ___ Were the septic tank manholes uncovered, opened, and the interior of the tank inspected for the condition of the baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge and depth of scum ?

_x_ ___ Was the facility owner (and occupants if different from owner) provided with information on the proper maintenance of subsurface sewage disposal systems ?

The **size and location of the Soil Absorption System (SAS)** on the site has been determined based on:

Yes no

_X_ ___ Existing information. For example, a plan at the Board of Health.

_x_ ___ Determined in the field (if any of the failure criteria related to Part C is at issue approximation of distance is unacceptable) [310 CMR 15.302(3)(b)]

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

FLOW CONDITIONS

RESIDENTIAL

Number of bedrooms (design): 3 Number of bedrooms (actual): 3
DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms): 330
Number of current residents: 2-3
Does residence have a garbage grinder (yes or no): YES, *-NOT RECOMMENDED* **
Is laundry on a separate sewage system (yes or no): *No* [if yes separate inspection required]
Laundry system inspected (yes or no): no
Seasonal use: (yes or no): no
Water meter readings, if available (last 2 years usage (gpd)): *N/a*
Sump pump (yes or no): No
Last date of occupancy: *CURRENT)*

COMMERCIAL/INDUSTRIAL

Type of establishment: *N/A*
Design flow (based on 310 CMR 15.203): _____gpd
Basis of design flow (seats/persons/sqft,etc.): _____
Grease trap present (yes or no):__
Industrial waste holding tank present (yes or no): _____
Non-sanitary waste discharged to the Title 5 system (yes or NO):
Water meter readings, if available:_____
Last date of occupancy/use:_____

OTHER (describe)_____

GENERAL INFORMATION

Pumping Records

Source of information: Unknown (1999)
Was system pumped as part of the inspection (*YES* or no): Yes
If yes, volume pumped: 1000 gallons -- How was quantity pumped determined? Measured
Reason for pumping: **REQUEST**

TYPE OF SYSTEM

_x_ Septic tank, distribution box, soil absorption system
___ Single cesspool
___ Overflow cesspool
___ Privy
___ Shared system (yes or no) (if yes, attach previous inspection records, if any)
___ Innovative/Alternative technology. Attach a copy of the current operation and maintenance contract (to be obtained from system owner)
_____ Tight tank ___ Attach a copy of the DEP approval
___ Other (describe): _____

Approximate age of all components, date installed (if known) and source of information: 20+/- years

Were sewage odors detected when arriving at the site (yes or no): NO

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

BUILDING SEWER (locate on site plan)

Depth below grade: *-24"*
Materials of construction: ___cast iron _X_ 40 PVC ___other (explain): _____
Distance from private water supply well or suction line: 10'+
Comments (on condition of joints, venting, evidence of leakage, etc.):
_____

SEPTIC TANK: Yes(locate on site plan)

Depth below grade: _36"__
Material of construction: *X* concrete ___metal ___fiberglass ___polyethylene
___other(explain)_____
If tank is metal list age: ___ Is age confirmed by a Certificate of Compliance (yes or no): ___ (attach a copy of certificate)
Dimensions: *4.5'w x 10.'l x 5'd*
Sludge depth: *5"*
Distance from top of sludge to bottom of outlet tee or baffle: 40"
Scum thickness: *3"*
Distance from top of scum to top of outlet tee or baffle: *5"*
Distance from bottom of scum to bottom of outlet tee or baffle: *12"*
How were dimensions determined: *MEASURED*
Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid levels as related to outlet invert, evidence of leakage, etc.): *TANK CONDITION OK*
S. tank has built in inlet & outlet baffle
_____

GREASE TRAP: N/A (locate on site plan)

Depth below grade: ___
Material of construction: ___concrete ___metal ___fiberglass ___polyethylene ___other
(explain):_____
Dimensions: _____
Scum thickness: _____
Distance from top of scum to top of outlet tee or baffle: _____
Distance from bottom of scum to bottom of outlet tee or baffle: _____
Date of last pumping: _____
Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid levels as related to outlet invert, evidence of leakage, etc.):
_____
_____

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

TIGHT or HOLDING TANK: NO (tank must be pumped at time of inspection)(locate on site plan)

Depth below grade: ____
Material of construction: ____concrete ____metal ____fiberglass ____polyethylene ____other(explain):
_____
Dimensions: _____
Capacity:_____gallons
Design Flow:____ gallons/day
Alarm present (yes or no):____
Alarm level:_____Alarm in working order (yes or no): ___
Date of last pumping:_____
Comments (condition of alarm and float switches, etc.): _____
_____
_____

DISTRIBUTION BOX: NO (if present must be opened)(locate on site plan)

Depth of liquid level above outlet invert: ___.
Comments (note if box is level and distribution to outlets equal, any evidence of solids carryover, any evidence of leakage into or out of box, etc.): _
_____

PUMP CHAMBER: NO (locate on site plan)

Pumps in working order (yes or no): ____
Alarms in working order (yes or no): ____
Comments (note condition of pump chamber, condition of pumps and appurtenances, etc.):
_____
_____

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

SOIL ABSORPTION SYSTEM (SAS): *YES* **(locate on site plan, excavation not required)**

If SAS not located explain why:

_____

_____

Type
_1__ leaching pits, number: **4' eff depth 8' Tot. length 4 width.**
____ leaching chambers, number: ____
____ leaching galleries, number: ____
____ leaching trenches, number, length: _____
____ leaching fields, number, dimensions: _____
____ overflow cesspool, number: ____
____ innovative/alternative system Type/name of technology: _____
Comments (note condition of soil, signs of hydraulic failure, level of ponding, damp soil, condition of vegetation, etc.): *No signs of failure, 18" of liquid no high staining, and no evid. Of high g.water"*

_____

CESSPOOLS: N/A (cesspool must be pumped as part of inspection)(locate on site plan)

Number and configuration: _____
Depth - top of liquid to inlet invert: _____
Depth of solids layer: _____
Depth of scum layer: _____
Dimensions of cesspool: _____
Materials of construction: _____
Indication of groundwater inflow (yes or no): ____
Comments (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.):

_____

_____

PRIVY: N/A (locate on site plan)

Materials of construction: _____
Dimensions: _____
Depth of solids: _____
Comments (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.):

_____

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM

PART C

SYSTEM INFORMATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

SITE EXAM
Slope *YES*
Surface water
Check cellar *YES* *
Shallow wells_____

Estimated depth to ground water 10'+/-feet

Please indicate (check) all methods used to determine the high ground water elevation:

N/A Obtained from system design plans on record - If checked, date of design plan reviewed: ___
_X_ Observed site (abutting property/observation hole within 150 feet of SAS) ***(two houses down)***
____ Checked with local Board of Health-explain: _____
____ Checked with local excavators, installers- (attach documentation)
____ Accessed USGS database-explain: _____

You must describe how you established the high ground water elevation:

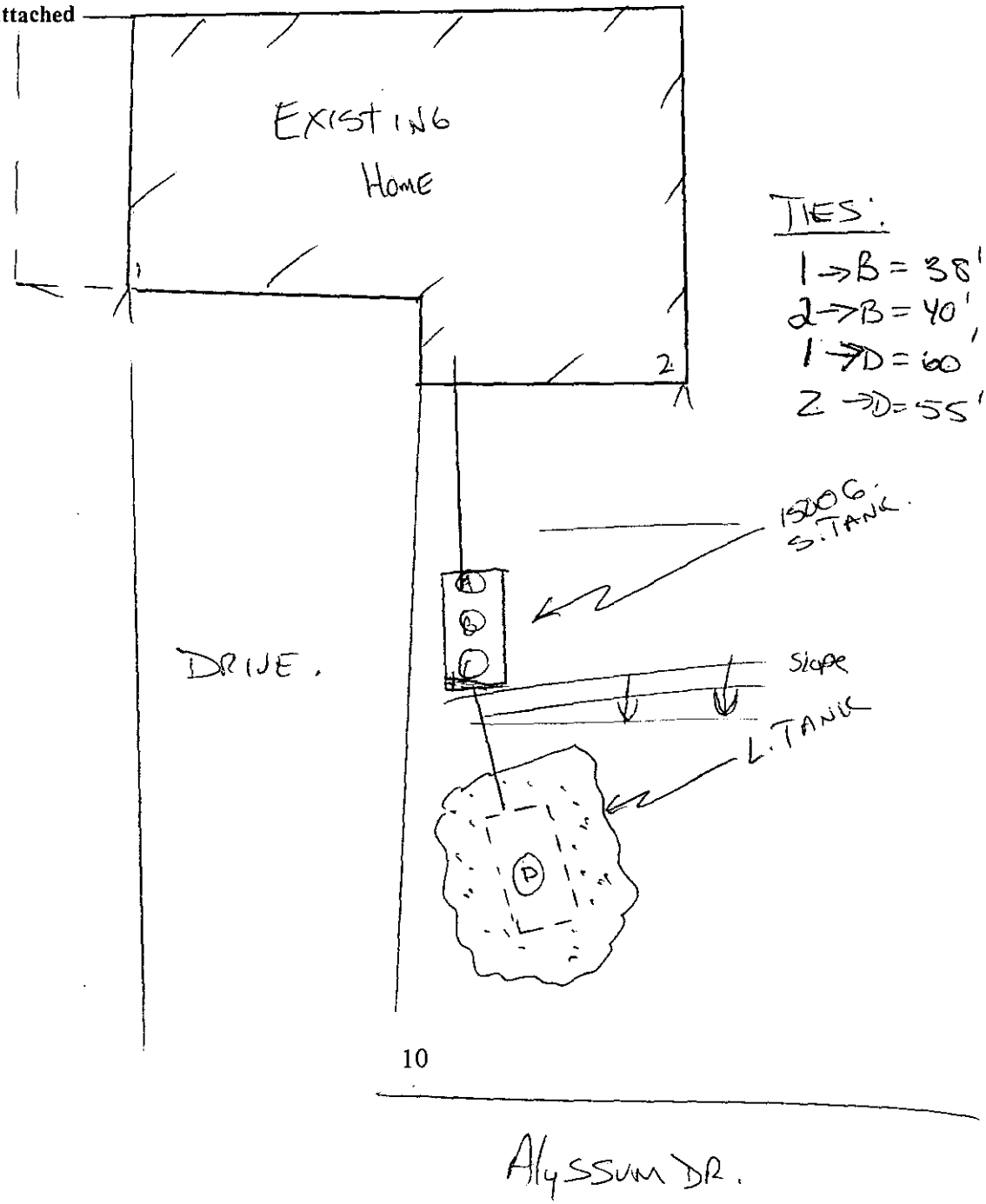
Water level based on on-site data from topography. Nearby perc 200 feet away. At same grade

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS
SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 8 Alyssum Drive
Owner: Wilson & Barad
Date of Inspection: June 29, 2005

SKETCH OF SEWAGE DISPOSAL SYSTEM
Provide a sketch of the sewage disposal system including ties to at least two permanent reference landmarks or benchmarks. Locate all wells within 100 feet. Locate where public water supply enters the building.

Also See attached



No. 83-31

Fee $90

Paid Cash 12-28-83

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 (X) or Repair ( ) an Individual Sewage Disposal System at:

AMHERST WOODS, 11 ALYSSUM DRIVE — 14
Location - Address — or Lot No.

GREGORY L. SMITH — 173 STRONG ST., AMHERST
Owner — Address

ROBERT J. ADAIR — 109 POTWINE LANE, AMHERST
Installer — Address

Type of Building — Size Lot 33,800 Sq. feet

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

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

Other fixtures ....

Design Flow 55 gallons per person per day. Total daily flow 495 gallons.

Septic Tank — Liquid capacity 1000 gallons Length 126" Width 58" Diameter .... Depth 64"

Disposal ~~Trench~~ BED OR No. THREE Width 18' Total Length 30' Total leaching area 540 sq. ft.

OR Seepage Pit No. 1 Diameter 1000 GAL. Leaching Depth below inlet .... Total leaching area —— sq. ft.

Other Distribution box (X) Dosing tank ( )

Percolation Test Results Performed by F A FILIOS Date MARCH 6, 1981

Test Pit No. 1 <2 minutes per inch Depth of Test Pit 32" Depth to ground water NONE

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

Description of Soil 0-8" TOPSOIL, 8-14" SUBSOIL, SAND + GRAVEL, 14-48" COARSE SAND, GRAVEL + COBBLE, 48-96" COARSE SAND, FINE GRAVEL

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.

COMMONWEALTH OF MASSACHUSETTS JOHN A. O'KEEFE III No. 10934 REGISTERED PROFESSIONAL ENGINEER

Signed [signature]

Date 12-28-83

Application Approved by [signature] 12/28/83

Application Disapproved for the following reasons: ....

Permit No. 83-31 Issued 12-28-83 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 (X) or Repaired ( ) by ROBERT J ADAIR (Installer) at LOT 14, AMHERST WOODS, ALYSSUM DRIVE 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. 83-31 TOWN OF AMHERST Fee $90

Disposal Works Construction Permit

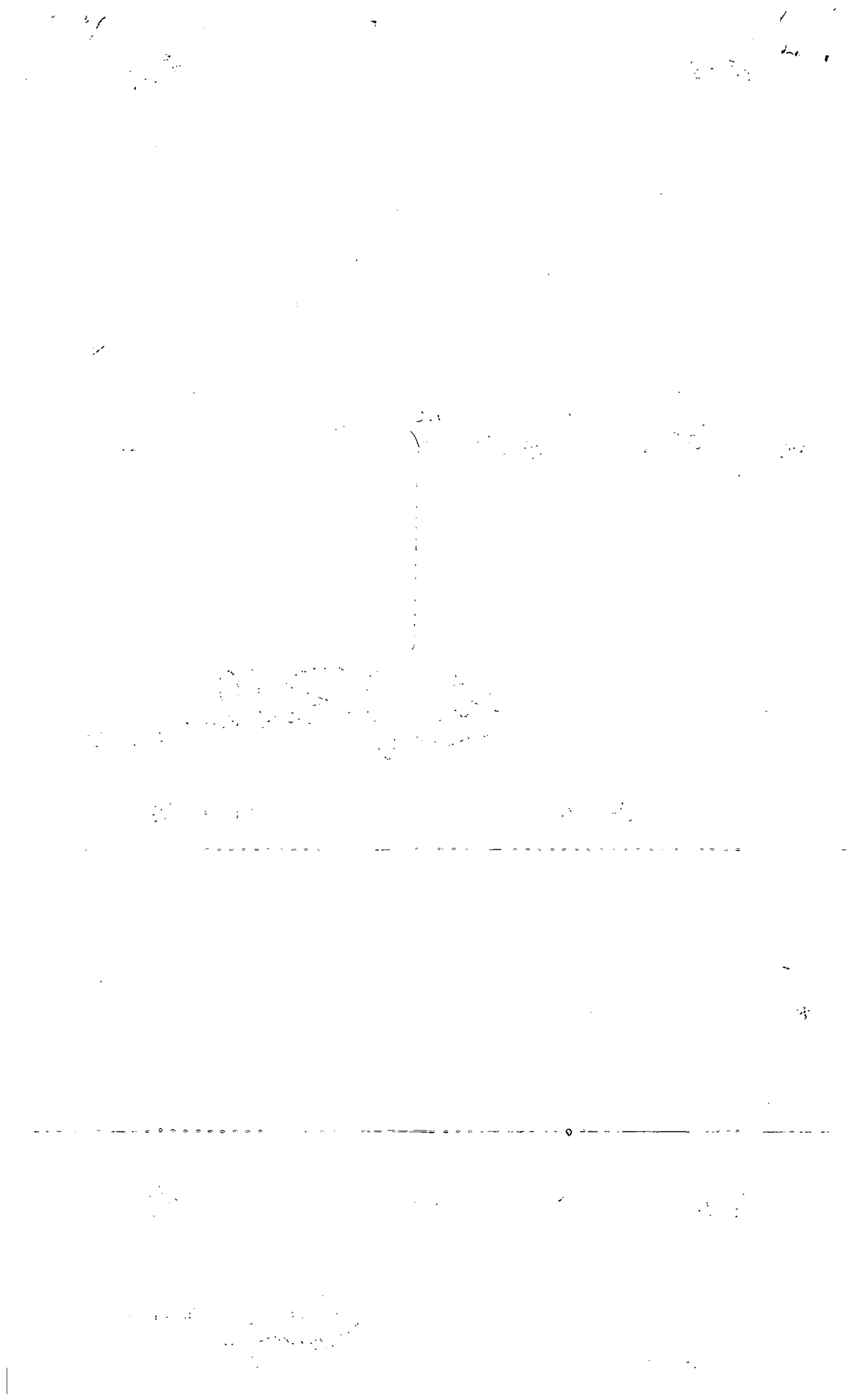
Permission is hereby granted GREGORY L SMITH to Construct (X) or Repair ( ) an Individual Sewage Disposal System at ~~No.~~ LOT 14, AMHERST WOODS, ALYSSUM DRIVE (Street) as shown on the application for Disposal Works Construction Permit No. 83-31 Dated 12-28-83

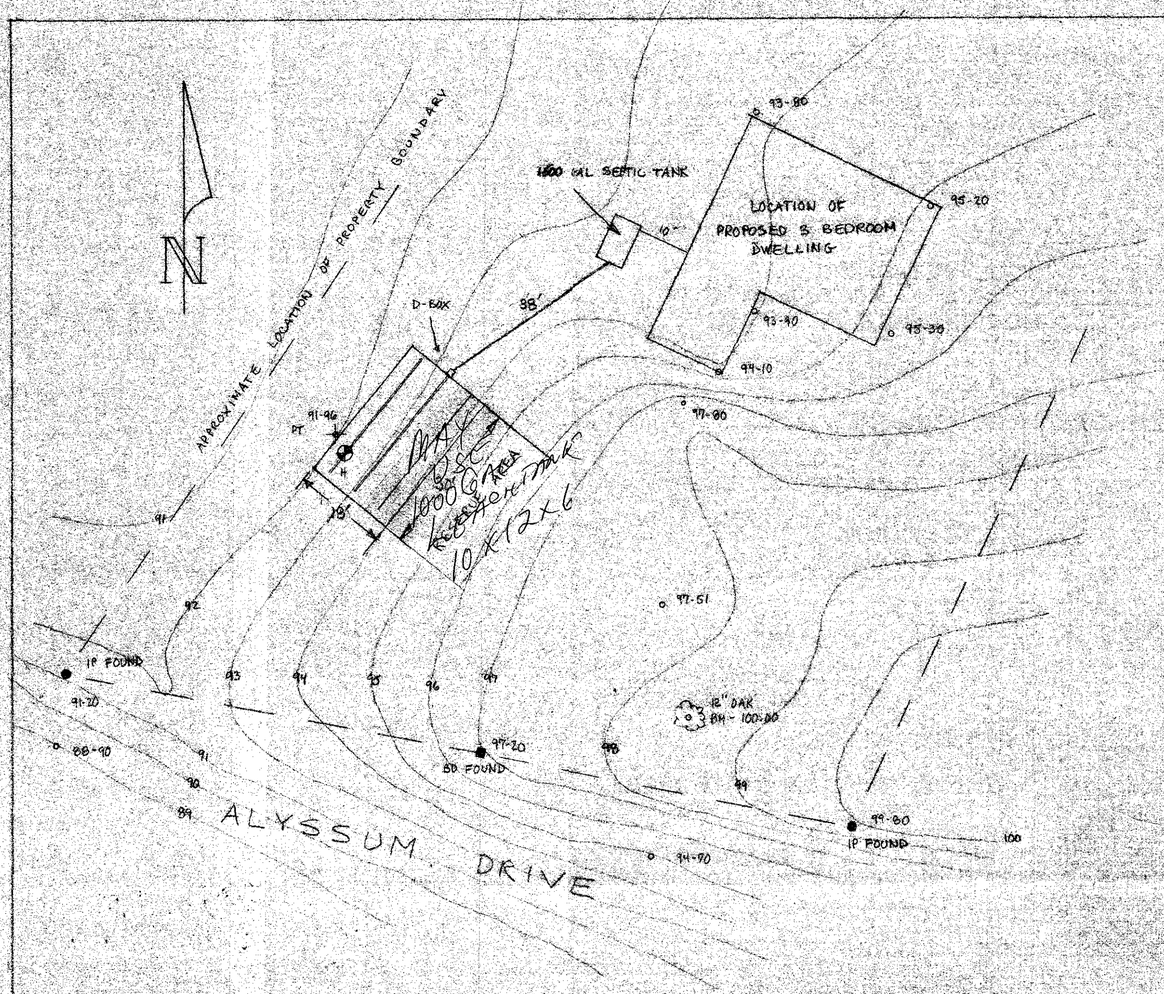
[signature] Board of Health

DATE 12-28-83

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS

CHECK OR FILL IN WHERE APPLICABLE





LOCATION OF PERC TEST AND OBSERVATION PIT

EXISTING CONTOURS

NO WELLS VISIBLE WITHIN 200' - TOWN WATER

SCALE 1" = 20'-0"

DESIGN CALCULATIONS

3 BEDROOM, GARBAGE GRINDER

495 GALLONS MINIMUM DAILY FLOW

D.O.P. 32" - PERC RATE ∠ 2 MIN/INCH

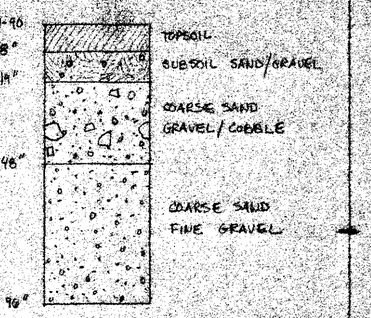
LEACHFIELD DIMENSIONS 18' x 30' = 540 SF

TOTAL PROPOSED CAPACITY

18' x 30' x 1.0 GAL/SF = 540 GALLONS

SOIL LOG

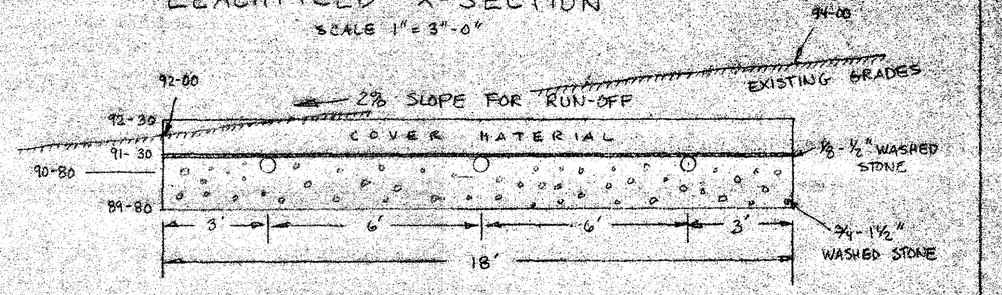
SCALE 1" = 3'-0"



PERC TEST AND OBSERVATION PIT
PERFORMED BY F.A. FILIDS, MARCH 16, 1981

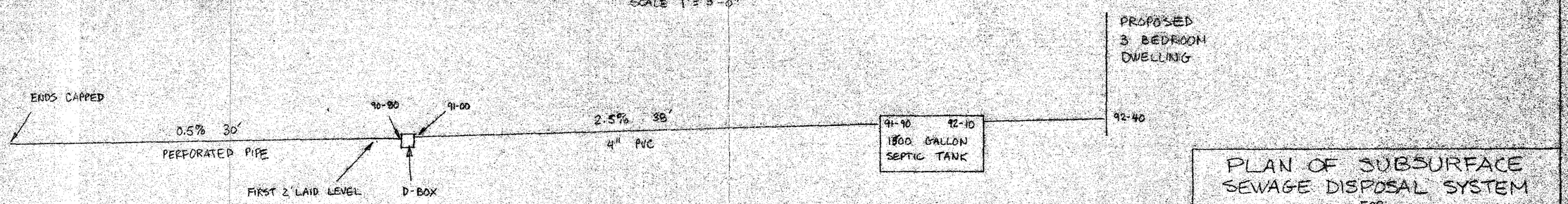
LEACHFIELD X-SECTION

SCALE 1" = 3"-0"



INVERT ELEVATIONS

SCALE 1" = 5'-0"



BOARD OF HEALTH
AMHERST, MA

COMMONWEALTH OF MASSACHUSETTS
JOHN A. O'KEEFE III
No. 10991
REGISTERED LAND SURVEYOR
12/20/83

PLAN OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

FOR

GREGORY L. SMITH
LOT 14, AMHERST WOODS, ALYSSUM DRIVE
AMHERST, MA

O'KEEFE ASSOCIATES
CONSULTING ENGINEERING AND LAND SURVEYORS
10 SOUTH MAIN STREET
BELCHERTOWN, MA

DATE: DECEMBER 20, 1983 | DRAWN BY: RLS

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

LOT 14 ALYSSUM DR.

Important Information Regarding Your Private Sewage Disposal System

DISPLAY THIS DOCUMENT IN A PROMINENT PLACE

Owner GREG SMITH Address 173 STRONG ST AMHERST

Installer ED STONE Address MONTAGUE MA.

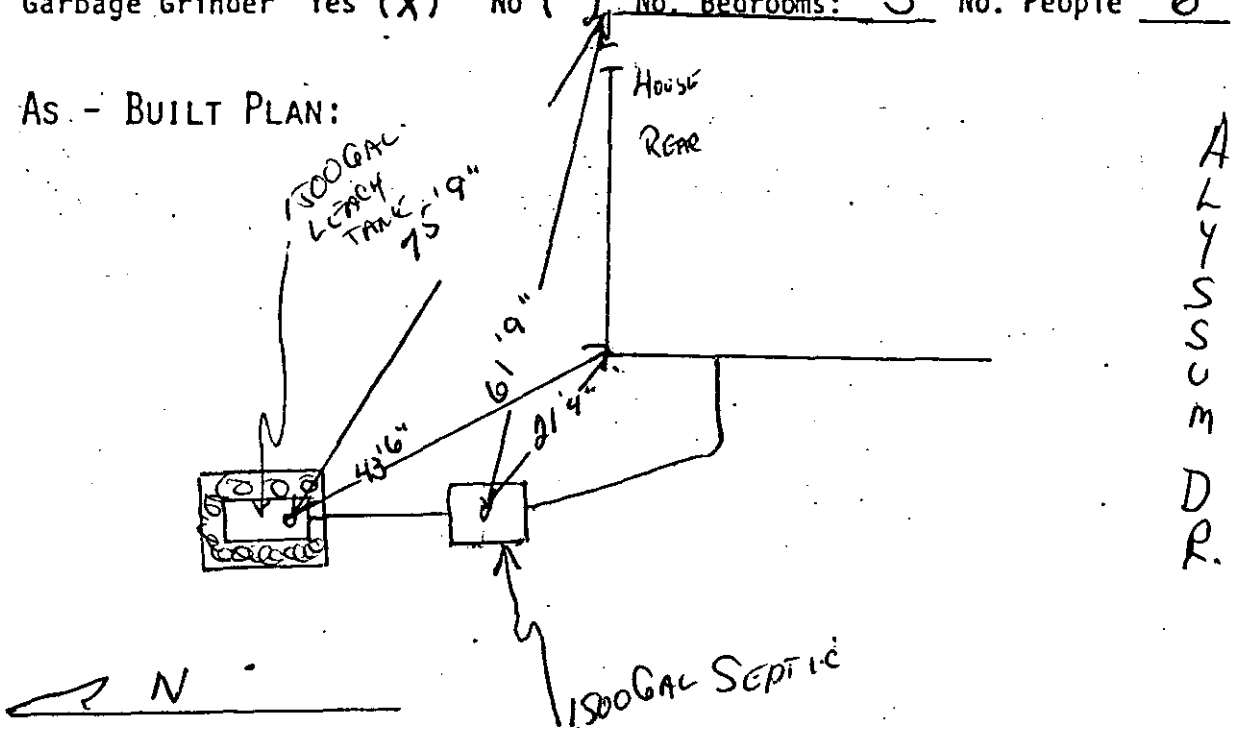
Date Installation Inspected and Approved 10-5-84

Description of System: Tank Capacity: 1500

Leach Field ( ) Bed (:) Seepage Pit (X) Square Feet: 400.

Garbage Grinder Yes (X) No ( ) 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.

No. 83·25 — 83-352 — FEE $90

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: ~~Emily Lane~~ Alyssum Dr. Lot # 16 Amh. Woods

Location - Address or Lot No.

Owner: Lumm Miller [illegible] Jones Realty — Address

Installer: LaVALLEY + SONS — Address: FLORENCE MA

Type of Building — Size Lot 71,232 Sq. feet N/O

Dwelling — No. of Bedrooms 4 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 440 gallons.

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

Disposal Trench — No. .... Width .... Total Length .... Total leaching area .... sq. ft.

Seepage Pit No. 1 Diameter 11 x 7 Depth below inlet 5 Total leaching area 150 / 77 sq. ft. Sides / bottom

Other Distribution box ( ) Dosing tank ( )

Percolation Test Results Performed by [illegible] Date Mar 15 1981

Test Pit No. 1 2' ~~minutes per~~ inch Depth of Test Pit [illegible] ~~Depth to ground~~ water [illegible] Ave. Southampton Ma

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

[illegible]

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 Albert Tiszer — Date 11-9-83

Application Approved By [signature] — Date

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

Permit No. 83·25 — Issued 11-9-83 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. 83·25 Town OF Amherst FEE $90

Disposal Works Construction Permit

Permission is hereby granted ALBERT TISZER / LAVALLEY + SONS

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

at No. LOT # 16 WILDFLOWER DR. Street

as shown on the application for Disposal Works Construction Permit No. 83-25 Dated 11-8-83

[signature] Board of Health

DATE 11-9-83

FORM 1255 HOBBS & WARREN, INC., PUBLISHERS

CHECK OR FILL IN WHERE APPLICABLE

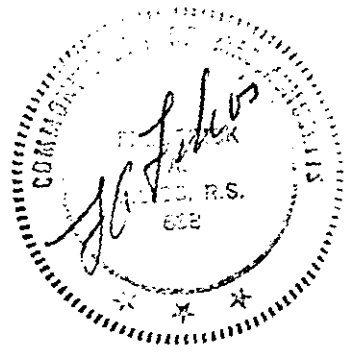
PLAN SHOWING SEWAGE DISPOSAL

For: Albert Fiszer
26 Miller Ave. Southampton Ma

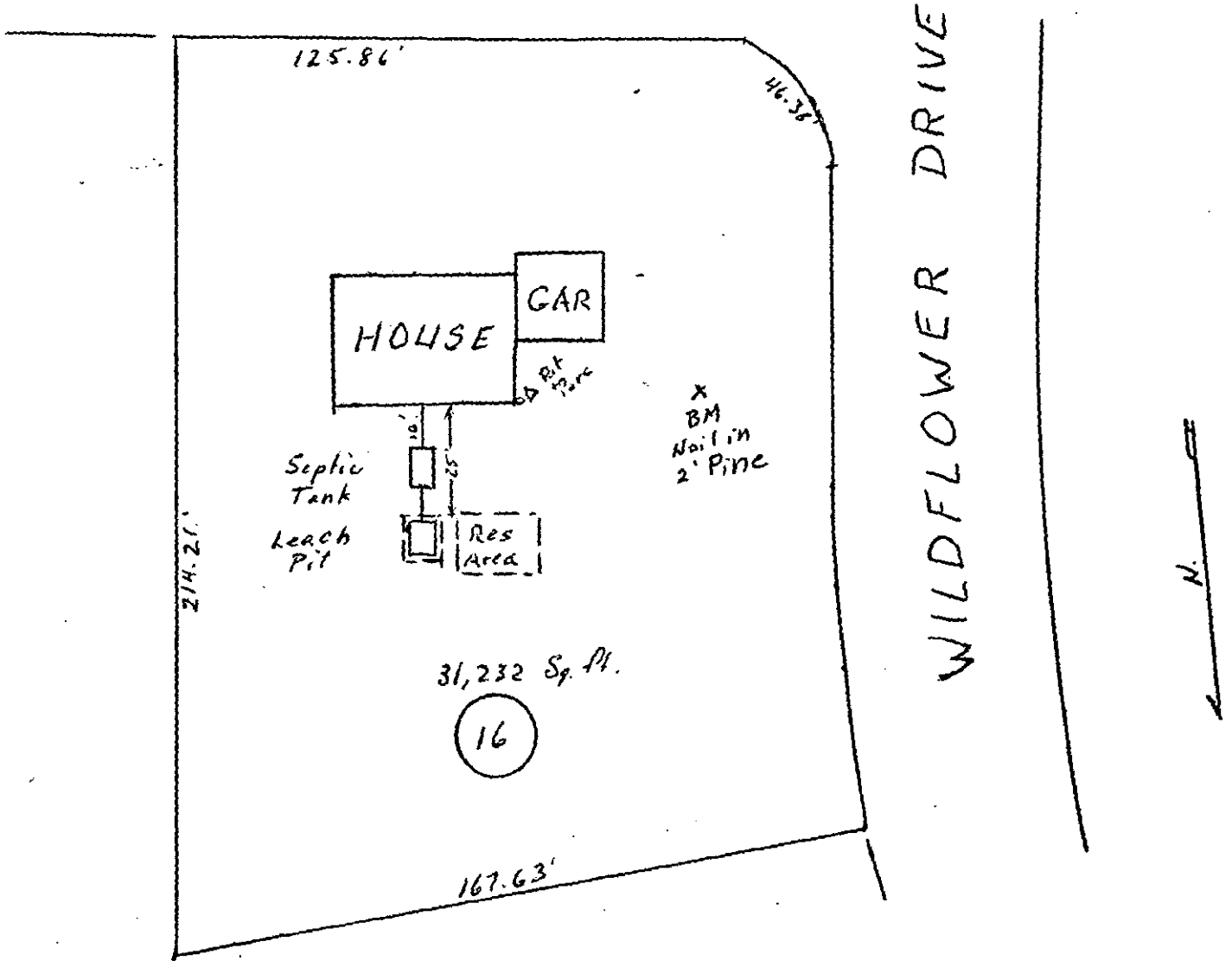
At: Amherst Mass.

Scale: 1" = 40'

By: Frederick Filios



Alyssum
~~Radbeteria~~ DRIVE

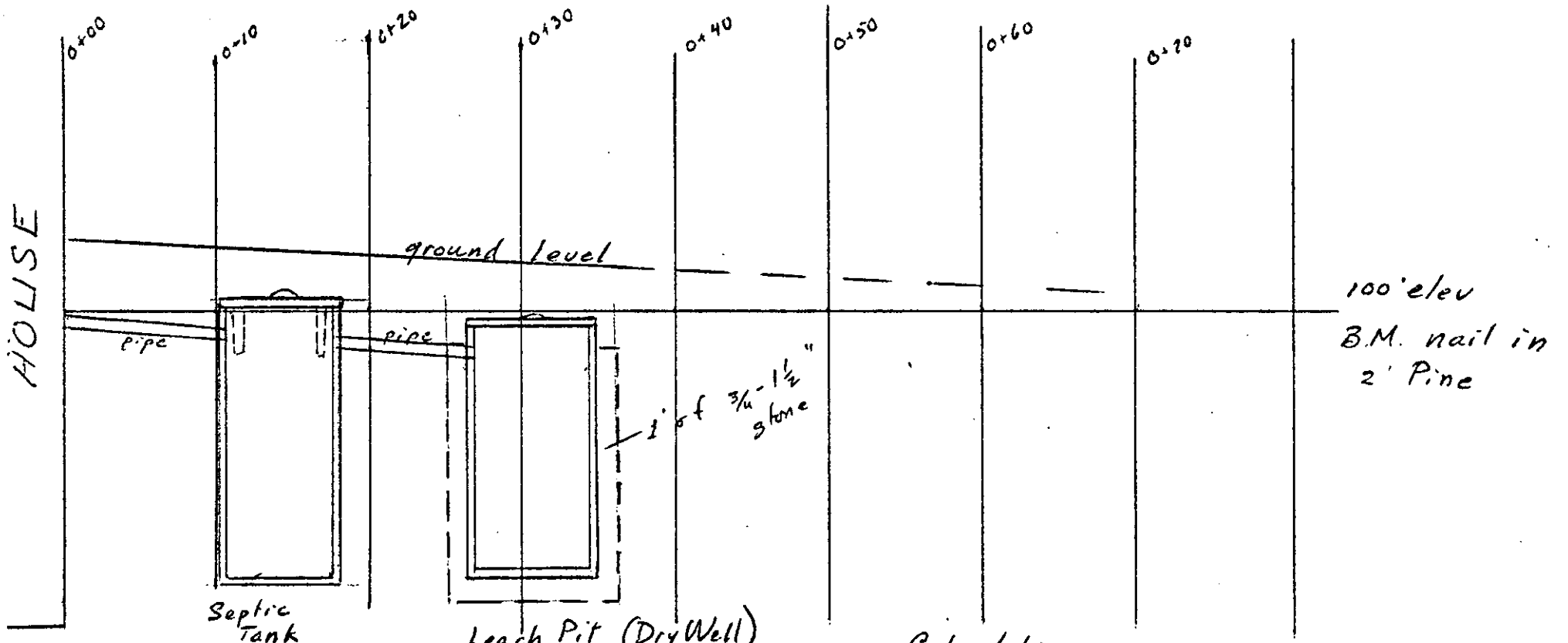


PROFILE OF SEPTIC SYSTEM

Nov. 1983

For: Lot 16 Amherst Woods
Dr. Albert Fiszer
Southampton Ma.

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



Calculations

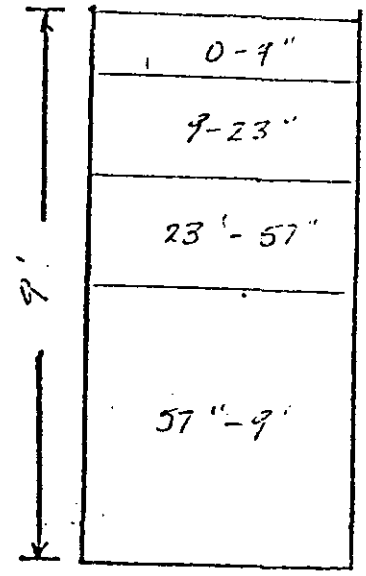
4 bdm x 110 = 440 gallons required

At. 2 min/inch
sides 2.5 gallons/sq. ft
bottom 1 gallon/sq ft
11x5x2 = 110 sq ft
7x5x2 = 70 " "
180 Sq. ft sides x 2.5 = 450 gallons
11x7 = 77 Sq ft bottom x 1 = 77 "
527 " proposed

OWNER Amherst Woods Phase I Date Mar 15 1981

LOCATION Wildflower Drive OBSERVER EE Fitos

Soil Lot #16



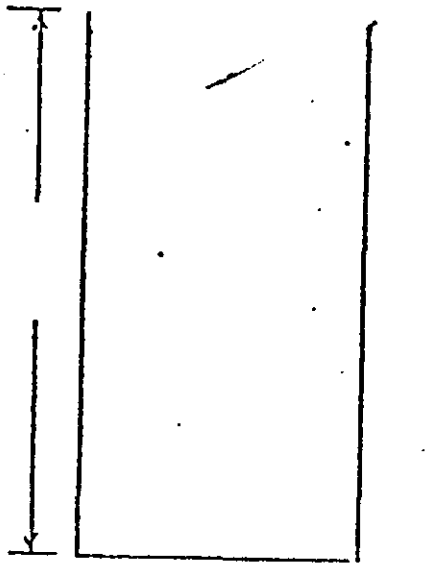
Topsoil

Subsoil, sand with fine gravel

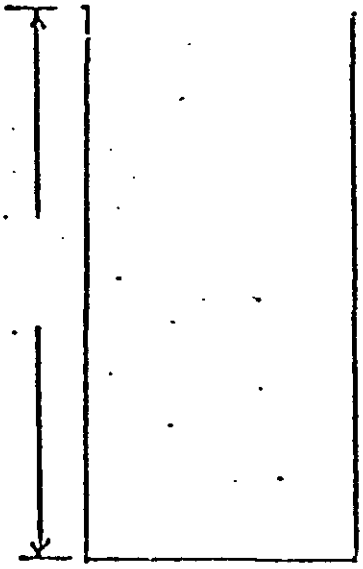
Coarse sand + fine gravel

Coarse Sand

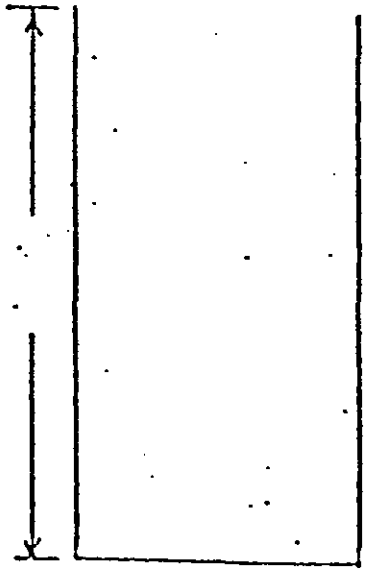
Ground Water none



Ground Water ____



Ground Water ____



Ground Water ____

Percolation at 32"

.71 minutes/inch

EE Fitos