

330 PELHAM ROAD





Public Health
Prevent. Promote. Protect.

App - 11912
App - 11913
Batch - 2620

Amherst Health Department

DATE: DECEMBER 6, 2011

Bangs Community Center
70 Boltwood Walk
Amherst, MA 01002

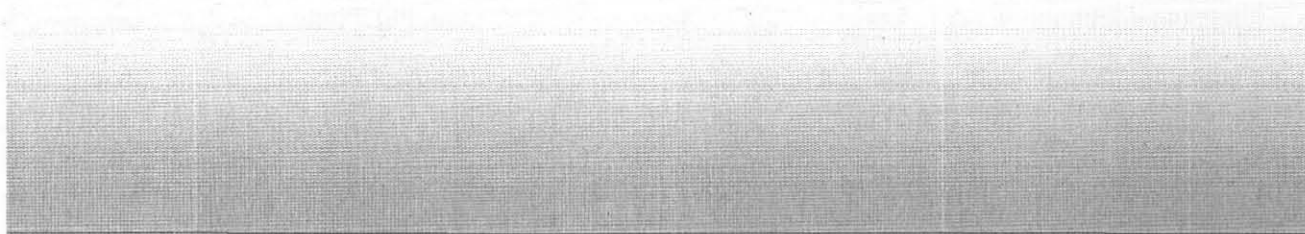
TO: Bacon and Wilson Attorneys at Law
Attn: Attorney Jeffery Brown
6 South East Street
Amherst, MA 01002-2406

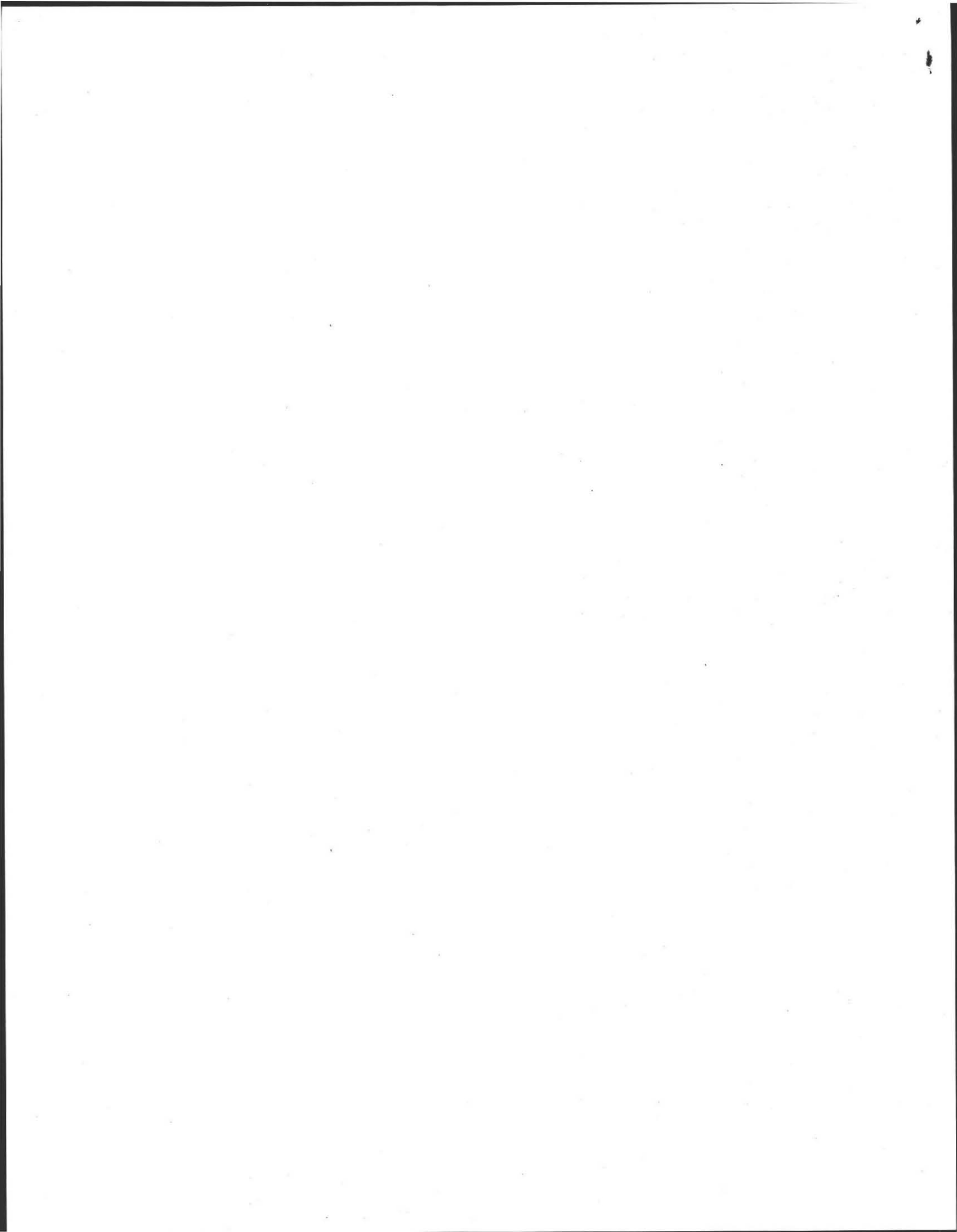
MAIL PAYMENT TO: Amherst Health Department
Bangs Community Center
70 Boltwood Walk
Amherst, MA 01002

For: The Estate at 330 Pelham Road, Amherst, MA

DATE	DESCRIPTION	TOTAL
12/2/2011	Plan Review and System Construction Permit 330 Pelham Road, Amherst	\$150.00
11/18/2011	Title V Witness Fee 330 Pelham Road, Amherst	\$200.00
TOTAL		\$350.00

Make all checks payable to Amherst Health Department.





PERMITS/INSP PAYMENT RECPT#: 12051252
TOWN OF AMHERST
TOWN HALL
4 BOLTWOOD AVENUE
AMHERST MA 01002

DATE: 12/29/11 TIME: 10:09
CLERK: publichea DEPT:

PAID BY: JAMES PADDOCK
PAYMENT METH: CHECK 125

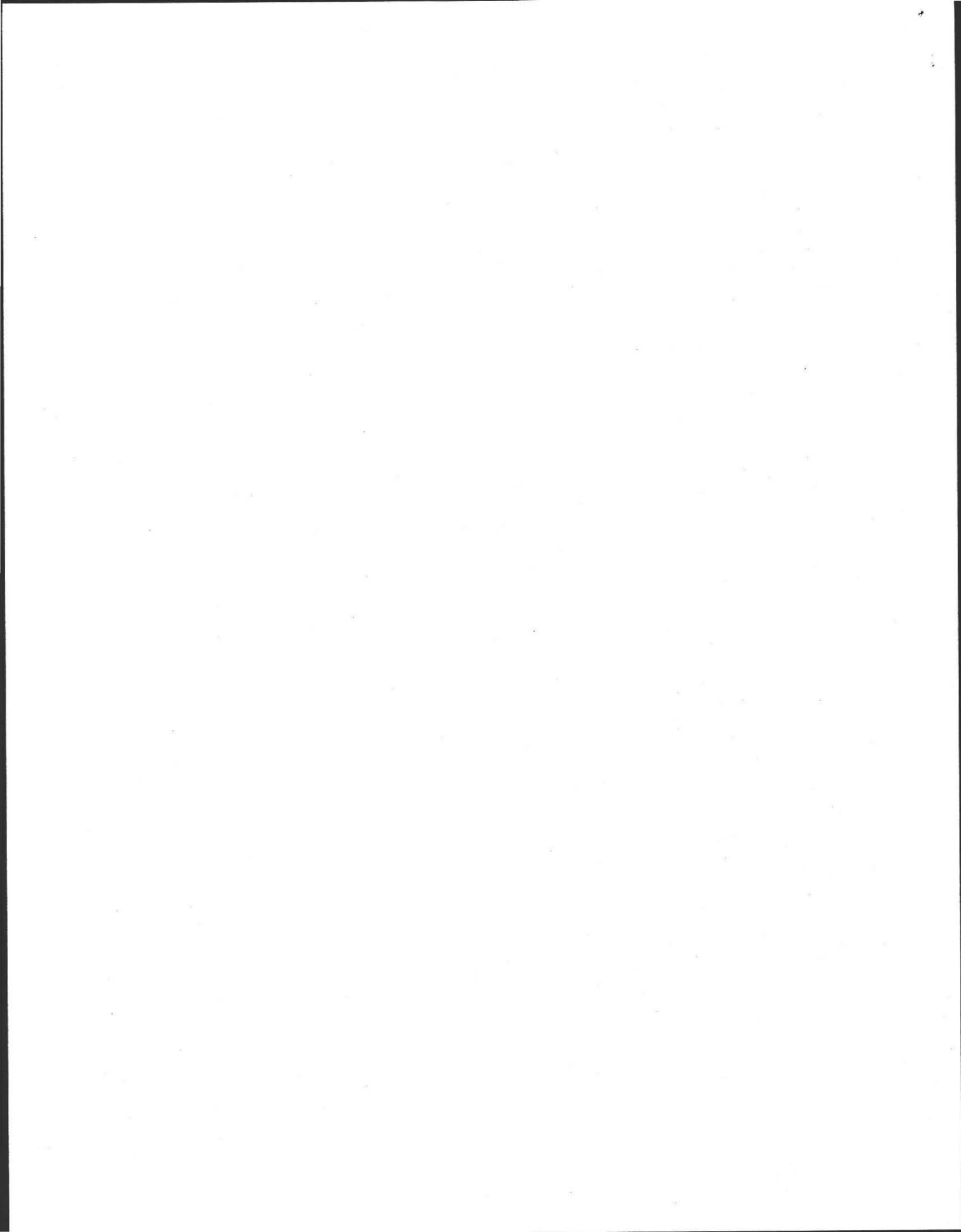
REFERENCE: 11912

AMT TENDERED: 150.00
AMT APPLIED: 150.00
CHANGE: .00

SITE ADDRESS: 330 PELHAM RD

FEES:
HEA017 150.00

TOTAL PAID: 150.00



PERMITS/INSP PAYMENT RECPT#: 12051253
TOWN OF AMHERST
TOWN HALL
4 BOLTWOOD AVENUE
AMHERST MA 01002

DATE: 12/29/11 TIME: 10:12
CLERK: publichea DEPT:

PAID BY: JAMES PADDOCK
PAYMENT METH: CHECK 125

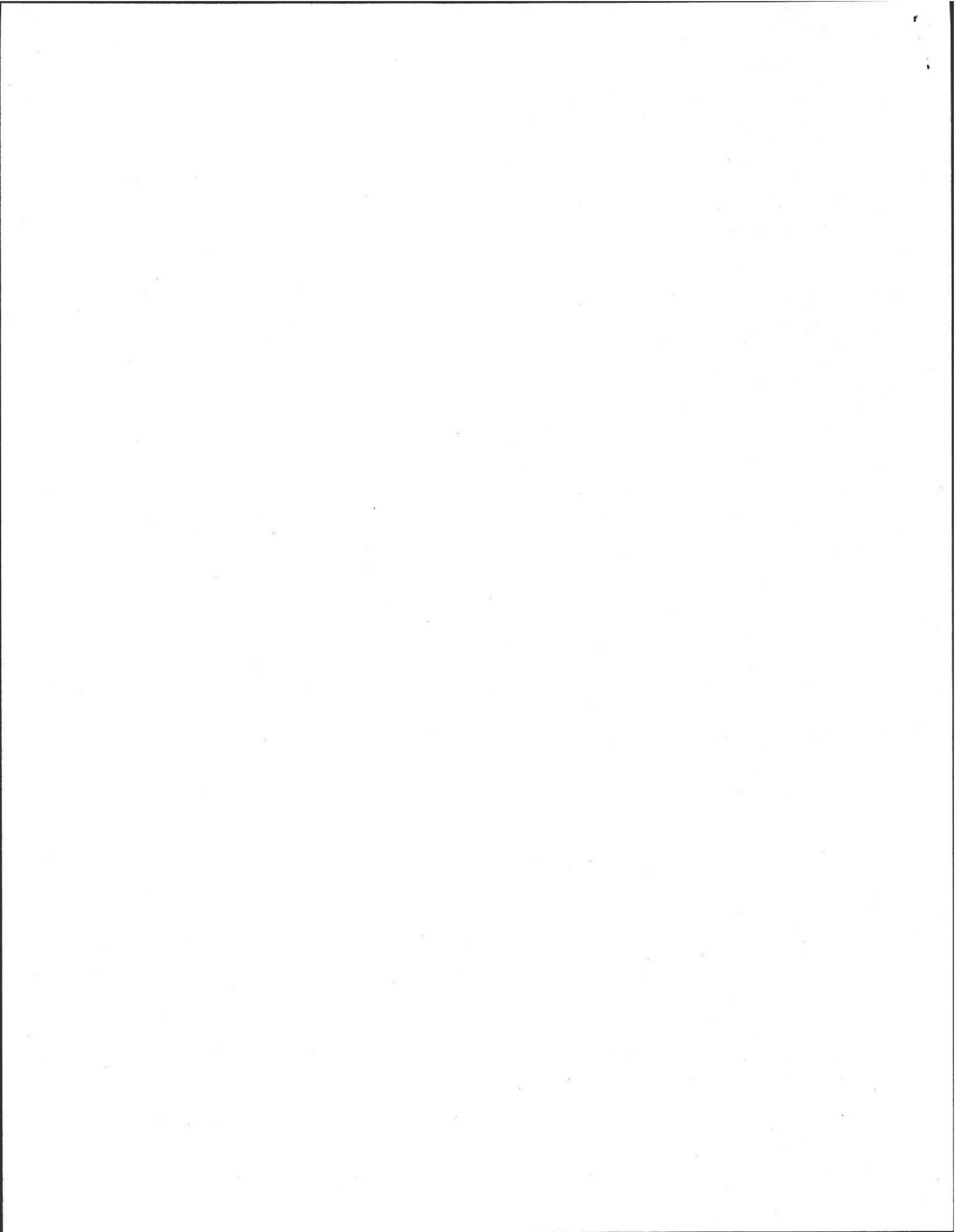
REFERENCE: 11913

AMT TENDERED: 200.00
AMT APPLIED: 200.00
CHANGE: .00

SITE ADDRESS: 330 PELHAM RD

FEE:
HEA058 200.00

TOTAL PAID: 200.00





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

City/Town

MA

State

01002

Zip Code

11.01.2011

Date of Inspection

Owner information is required for every page.

Inspection results must be submitted on this form. Inspection forms may not be altered in any way. Please see completeness checklist at the end of the form.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. General Information

1. Inspector:

Alan E Weiss, M.S, Hydrogeologist, RS # 933

Name of Inspector

Cold Spring Environmental Consultants Inc.

Company Name

350 Old Enfield Road

Company Address

Belchertown

City/Town

413.323.5957

Telephone Number

MA

State

01007

Zip Code

738

License Number

B. Certification

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:

- Passes, Conditionally Passes, Fails, Needs Further Evaluation by the Local Approving Authority

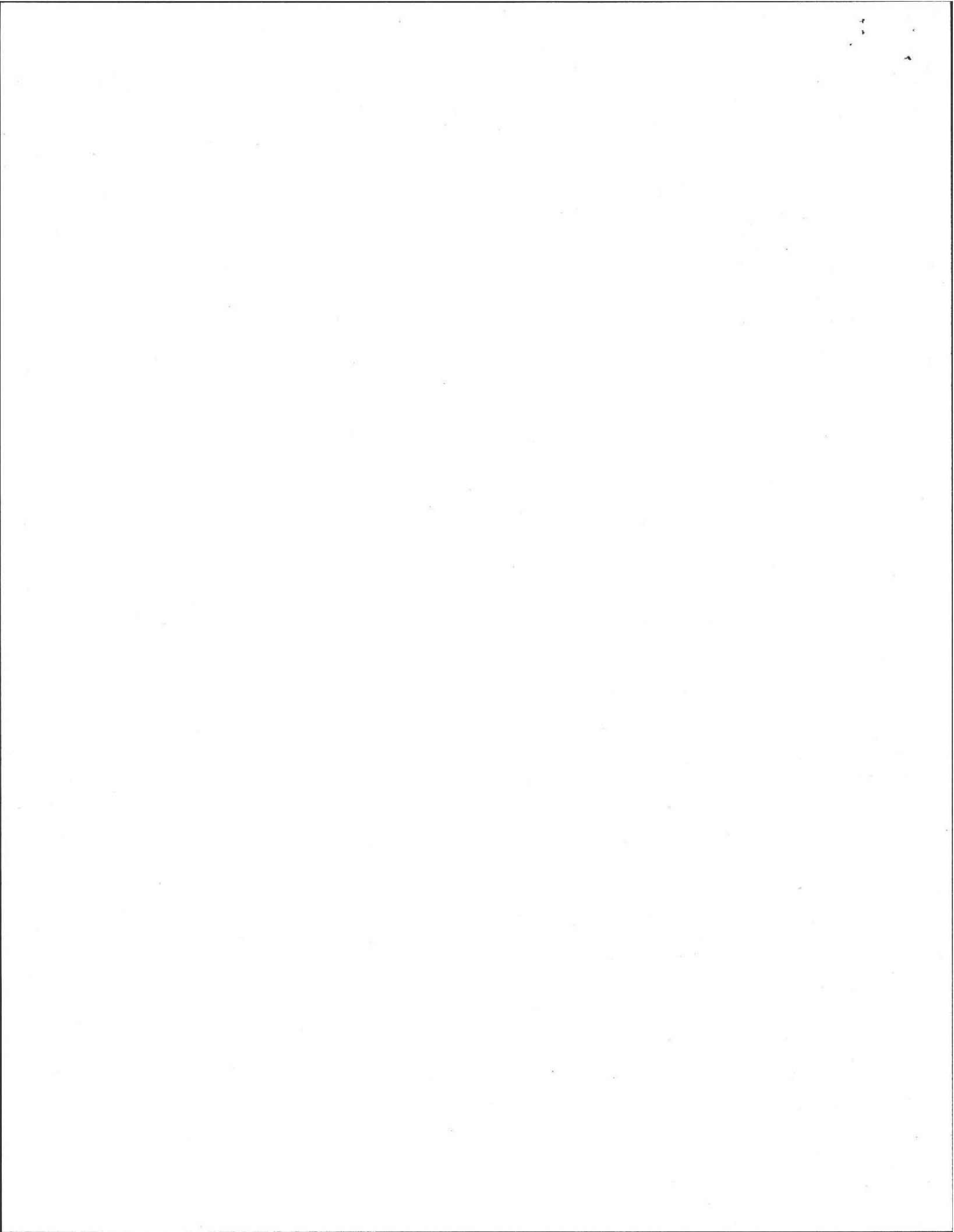
Inspector's Signature

11.01.2011

Date

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.

****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 or different conditions of use.





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

B. Certification (cont.)

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

A) System Passes:

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:

Property has very old 40 + yr old system with 1000 Gal S. tank, liquid level was 1/2 full indicating S. tank was leaking. Pipe from house to septic tank and septic tank to dry well was compromised by roots and needing replacement. Dry well had good stone with no evidence of failure. House empty for several months. Sewer connection and proper septic tank and dry well abandonment (pump crush and fill is recommended).

B) System Conditionally Passes:

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.

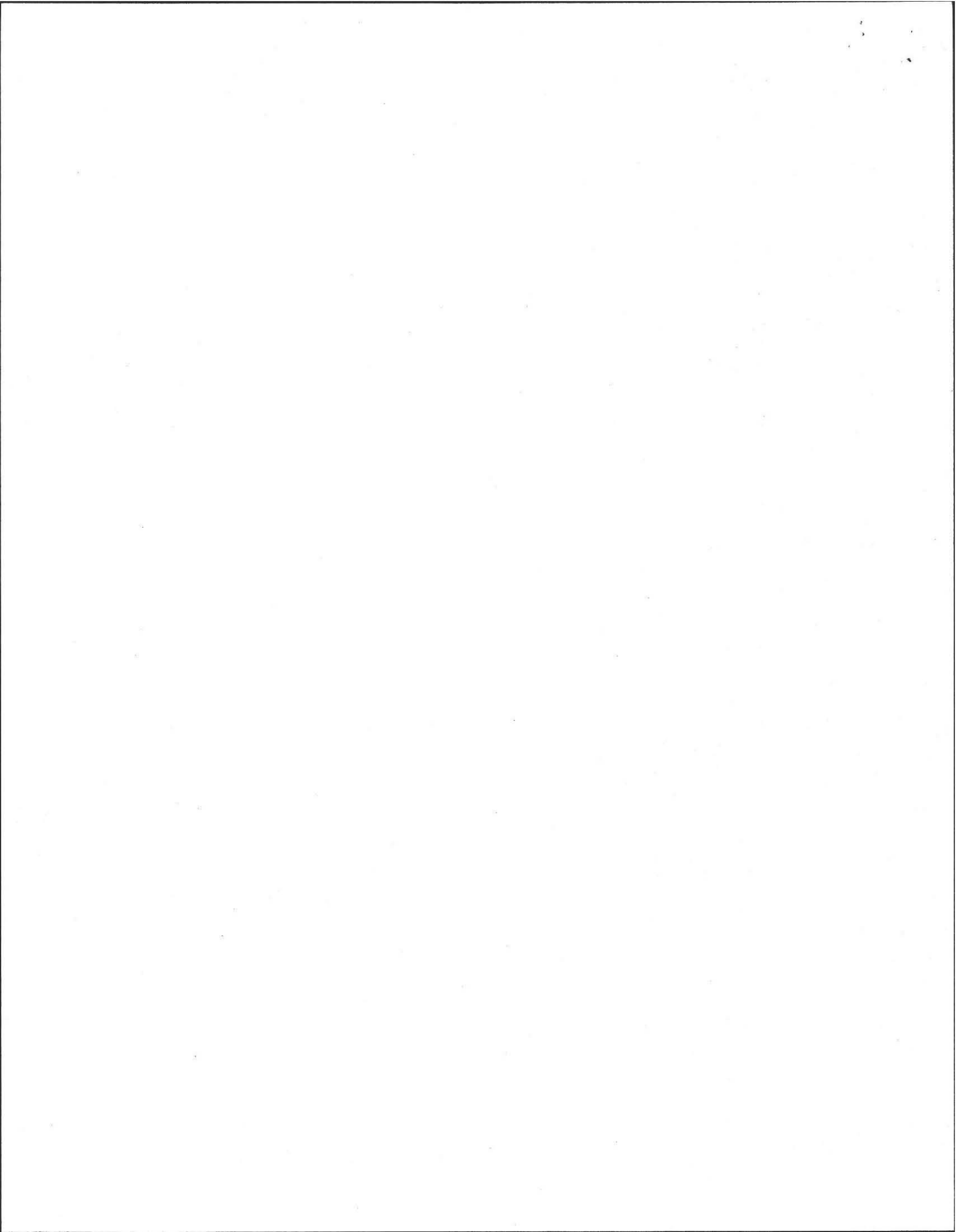
Check the box for "yes", "no" or "not determined" (Y, N, ND) for the following statements. If "not determined," please explain.

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.

Y N ND (Explain below):

Tank replacement and pipe replacement would be required however sewer connection appears feasible at street.





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

B. Certification (cont.)

B) System Conditionally Passes (cont.):

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

See above regarding piping and roots.

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):

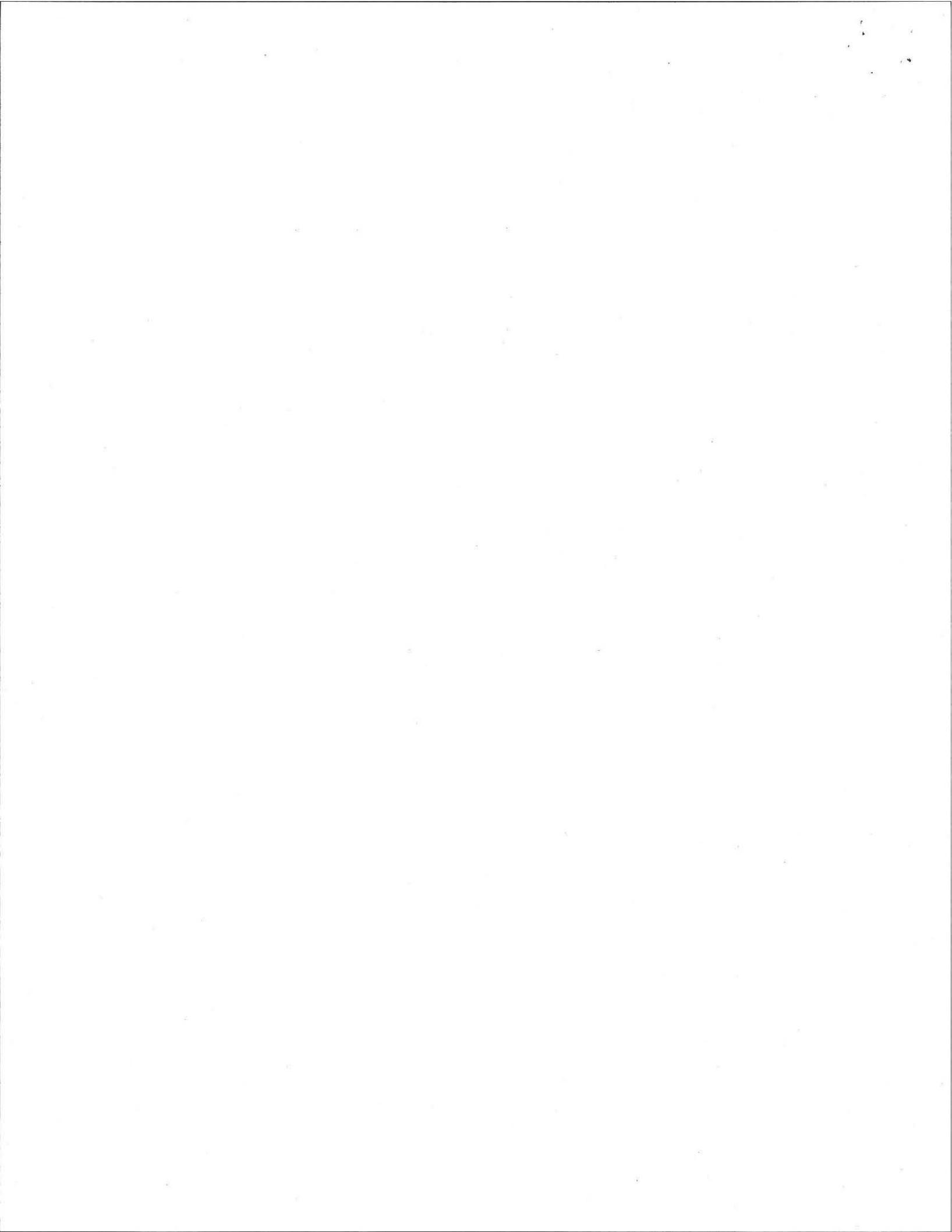
- broken pipe(s) are replaced
obstruction is removed

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

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





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

B. Certification (cont.)

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:

- Checkboxes for system types: septic tank and soil absorption system (SAS) within 100 feet of surface water, Zone 1 of public water supply, 50 feet of private water supply well, or less than 100 feet but 50 feet or more from private water supply well.

Method used to determine distance:

** This system passes if the well water analysis, performed at a DEP certified laboratory, for fecal coliform bacteria indicates absent 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.

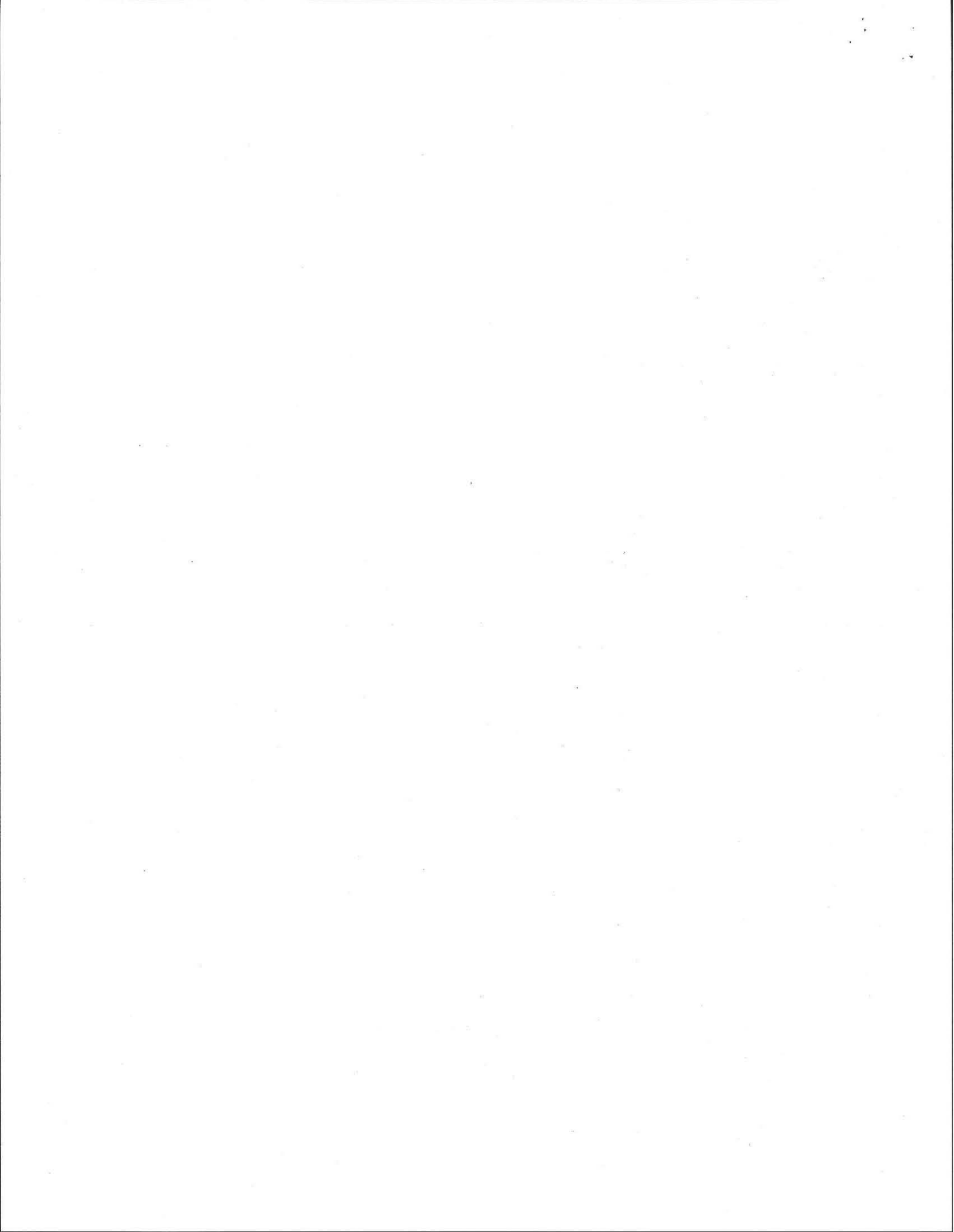
3. Other:

See above. S. tank and piping repairs needed however sewer connection appears feasible.

D) System Failure Criteria Applicable to All Systems:

You must indicate "Yes" or "No" to each of the following for all inspections:

- Table with columns Yes/No and failure criteria: Backup of sewage into facility or system component due to overloaded or clogged SAS or cesspool; Discharge or ponding of effluent to the surface of the ground or surface waters due to an overloaded or clogged SAS or cesspool; Static liquid level in the distribution box above outlet invert due to an overloaded or clogged SAS or cesspool; Liquid depth in cesspool is less than 6" below invert or available volume is less than 1/2 day flow.





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

B. Certification (cont.)

Yes No

Required pumping more than 4 times in the last year NOT due to clogged or obstructed pipe(s). Number of times pumped: _____.

Any portion of the SAS, cesspool or privy is below high ground water elevation.

Any portion of cesspool or privy is within 100 feet of a surface water supply or tributary to a surface water supply.

Any portion of a cesspool or privy is within a Zone 1 of a public well.

Any portion of a cesspool or privy is within 50 feet of a private water supply well.

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 fecal coliform bacteria indicates absent 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 and chain of custody must be attached to this form.]

The system is a cesspool serving a facility with a design flow of 2000gpd-10,000gpd.

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.

For large systems, you must indicate either "yes" or "no" to each of the following, in addition to the questions in Section D.

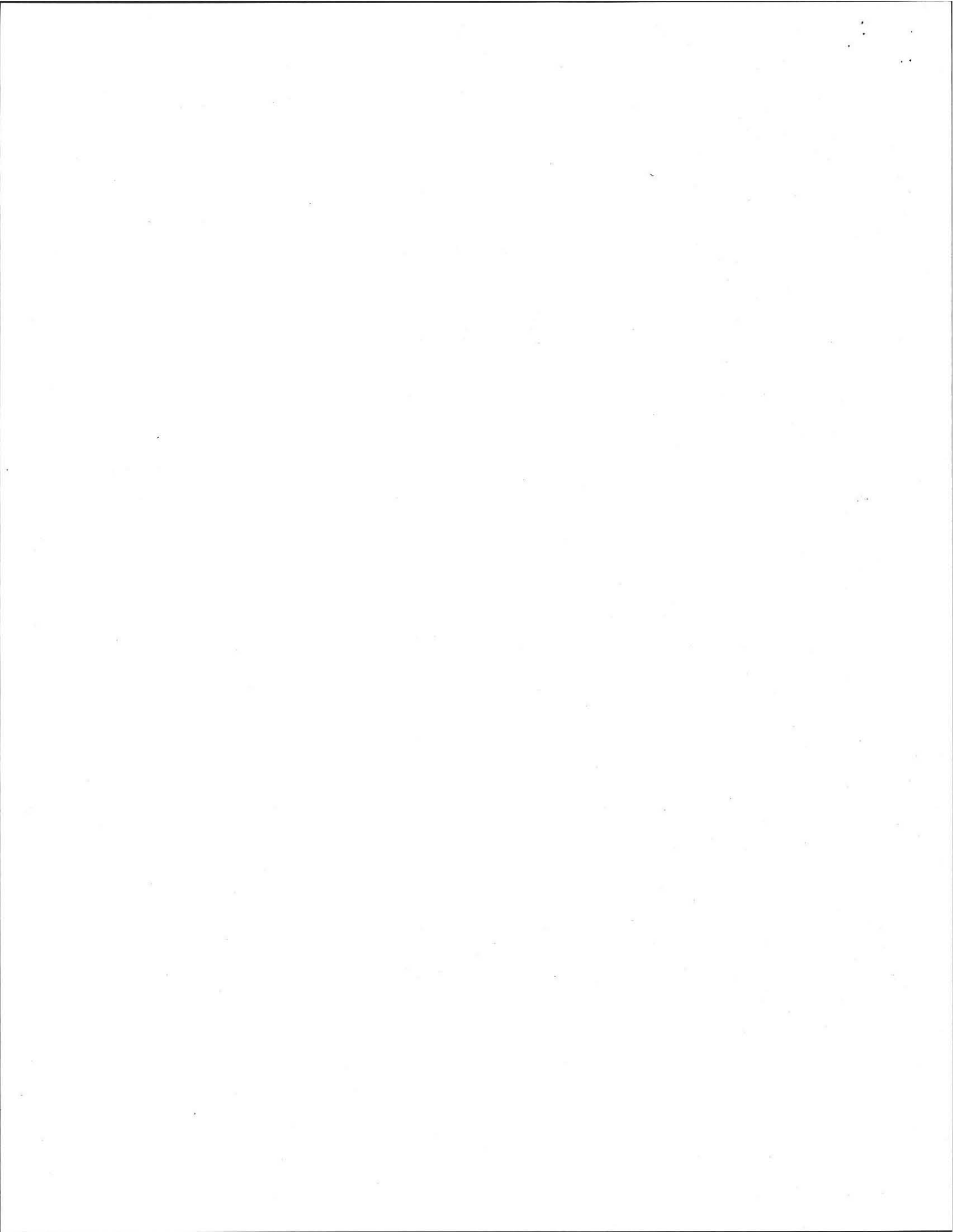
Yes No

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.





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

City/Town

MA

State

01002

Zip Code

11.01.2011

Date of Inspection

Owner information is required for every page.

C. Checklist

Check if the following have been done. You must indicate "yes" or "no" as to each of the following:

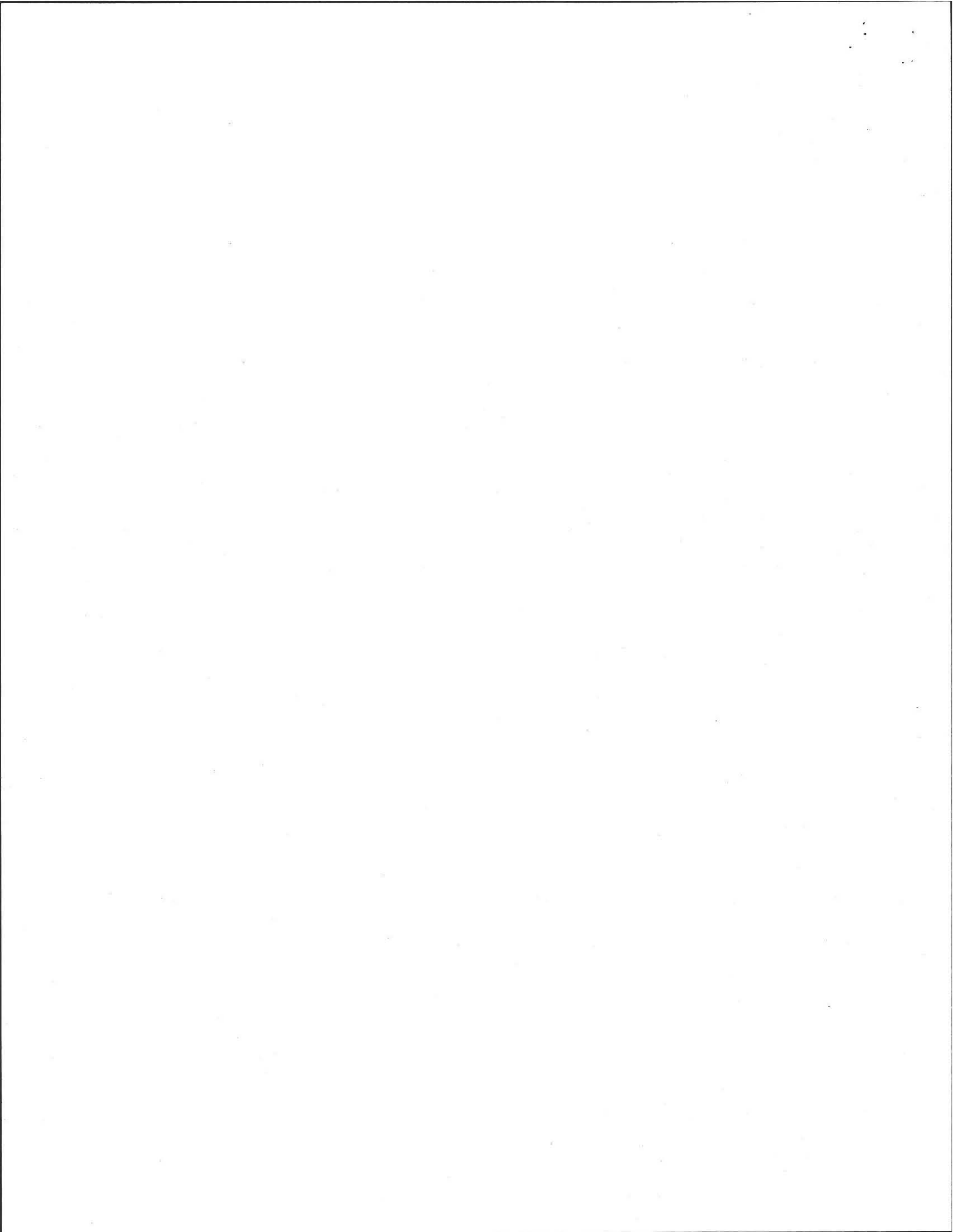
- Checklist items with Yes/No columns and checkboxes. Items include: Pumping information was provided by the owner, occupant, or Board of Health; Were any of the system components pumped out in the previous two weeks?; Has the system received normal flows in the previous two week period?; Have large volumes of water been introduced to the system recently or as part of this inspection?; Were as built plans of the system obtained and examined?; Was the facility or dwelling inspected for signs of sewage back up?; Was the site inspected for signs of break out?; Were all system components, excluding the SAS, located on site?; 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?; Was the facility owner (and occupants if different from owner) provided with information on the proper maintenance of subsurface sewage disposal systems?; Existing information. For example, a plan at the Board of Health. 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(5)]

D. System Information

Residential Flow Conditions:

Number of bedrooms (design): _____ Number of bedrooms (actual): 4

DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms): *





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

D. System Information

Description:

1000 gallon S. tank with Dist box and 3 line field

Number of current residents:

0

Does residence have a garbage grinder?

Yes No

Is laundry on a separate sewage system? [if yes separate inspection required]

Yes No

Laundry system inspected?

Yes No

Seasonal use?

Yes No

Water meter readings, if available (last 2 years usage (gpd)):

n/a

Detail:

Sump pump?

Yes No

Last date of occupancy:

Date

Commercial/Industrial Flow Conditions:

Type of Establishment:

Design flow (based on 310 CMR 15.203):

Gallons per day (gpd)

Basis of design flow (seats/persons/sq.ft., etc.):

Grease trap present?

Yes No

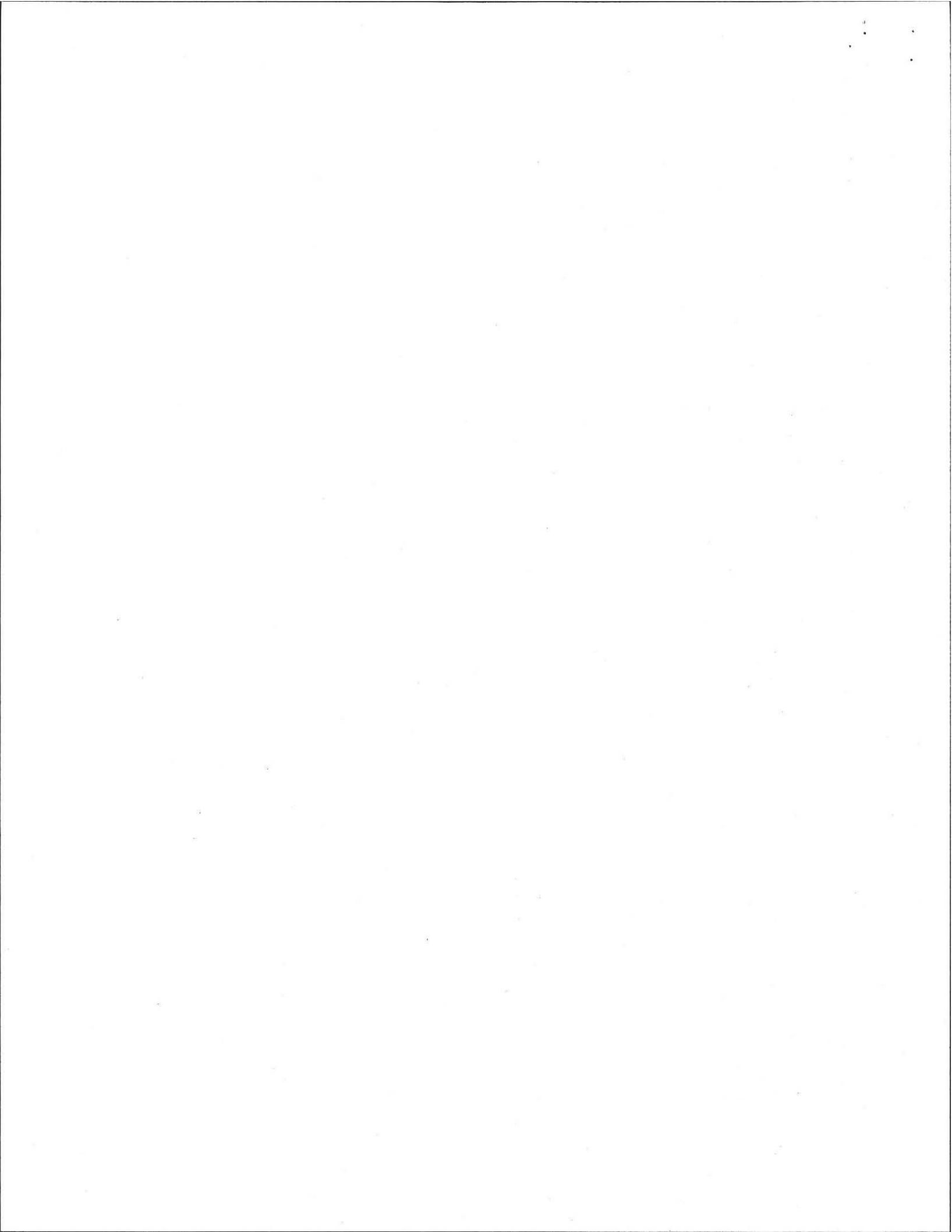
Industrial waste holding tank present?

Yes No

Non-sanitary waste discharged to the Title 5 system?

Yes No

Water meter readings, if available:





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

City/Town

MA

State

01002

Zip Code

11.01.2011

Date of Inspection

Owner information is required for every page.

D. System Information (cont.)

Last date of occupancy/use:

current
Date

Other (describe below):

General Information

Pumping Records:

Source of information:

unk.

Was system pumped as part of the inspection?

Yes No

If yes, volume pumped:

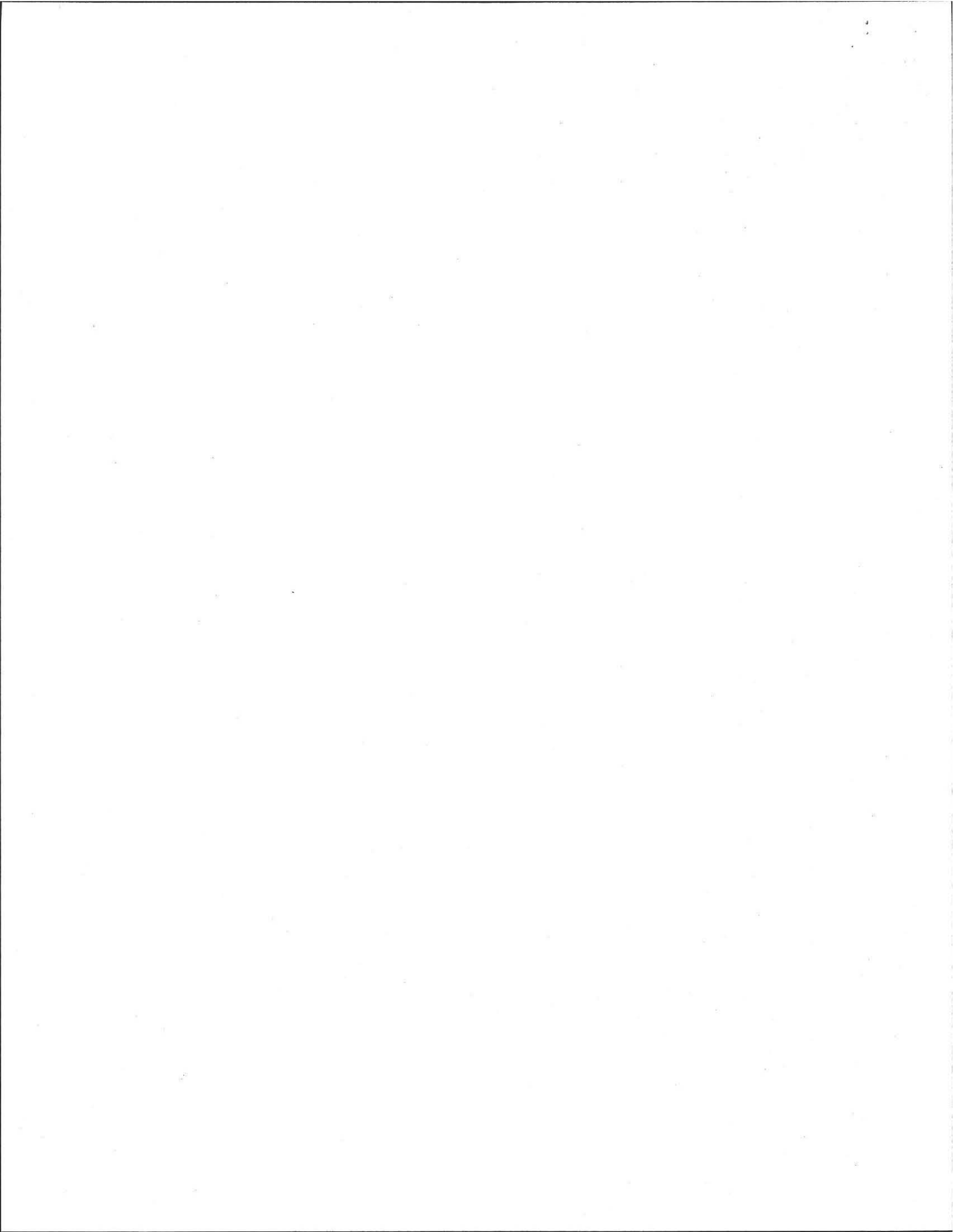
-
gallons

How was quantity pumped determined?

Reason for pumping:

Type of System:

- 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) and a copy of latest inspection of the I/A system by system operator under contract
Tight tank. Attach a copy of the DEP approval.
Other (describe):





Commonwealth of Massachusetts
Title 5 Official Inspection Form
 Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Owner information is required for every page.

330 Pelham Road
 Property Address
 Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379
 Owner's Name
 Amherst MA 01002 11.01.2011
 City/Town State Zip Code Date of Inspection

D. System Information (cont.)

Approximate age of all components, date installed (if known) and source of information:
 40+

Were sewage odors detected when arriving at the site? Yes No

Building Sewer (locate on site plan):

Depth below grade: 1.5 feet

Material of construction:
 cast iron 40 PVC other (explain):

Distance from private water supply well or suction line: feet

Comments (on condition of joints, venting, evidence of leakage, etc.):
 Needs replacement, root plugged.

Septic Tank (locate on site plan):

Depth below grade: 1 ft feet

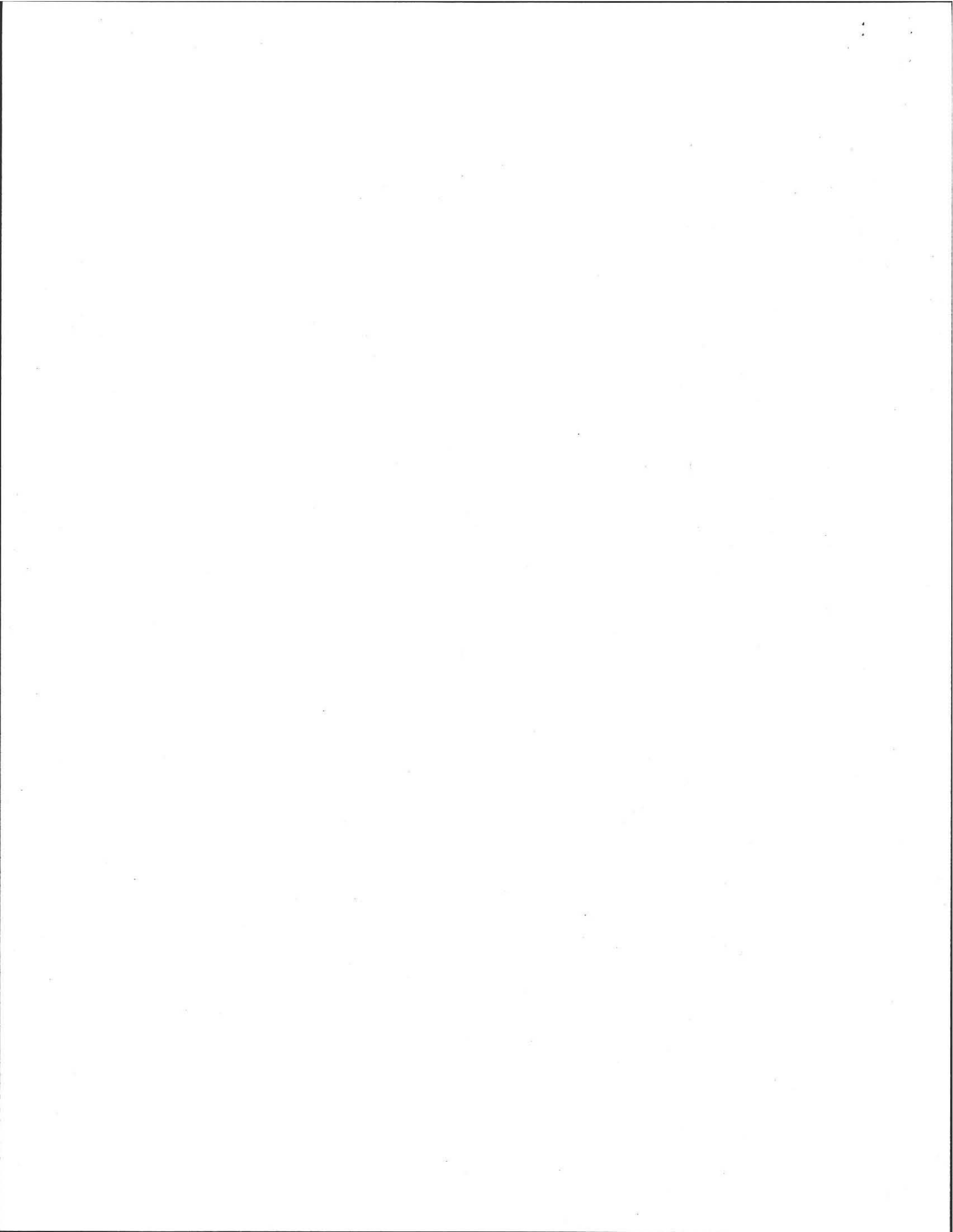
Material of construction:
 concrete metal fiberglass polyethylene other (explain)

If tank is metal, list age: years

Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Yes No

Dimensions: 8.5' x 4.5' x 4'

Sludge depth: 6"





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

D. System Information (cont.)

Septic Tank (cont.)

Distance from top of sludge to bottom of outlet tee or baffle 30"

Scum thickness 6"

Distance from top of scum to top of outlet tee or baffle 4"

Distance from bottom of scum to bottom of outlet tee or baffle 12"

How were dimensions determined? Observation/Meas

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 was 1000 gallon, with baffles

Grease Trap (locate on site plan):

Depth below grade: feet

Material of construction: [] concrete [] metal [] fiberglass [] polyethylene [] other (explain):

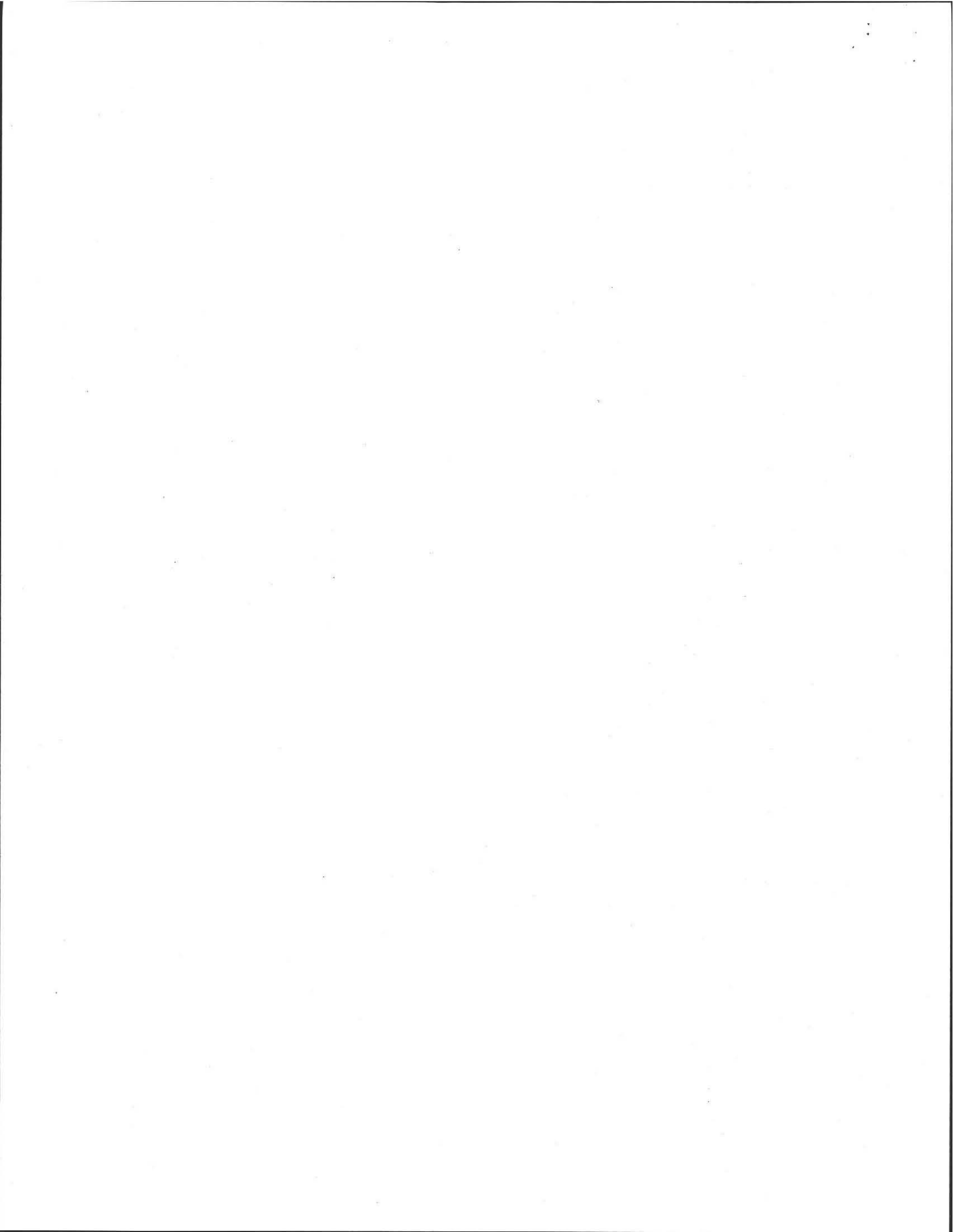
Dimensions:

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: Date





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

D. System Information (cont.)

Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid levels as related to outlet invert, evidence of leakage, etc.):

Four horizontal lines for handwritten comments.

Tight or Holding Tank (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 per day

Alarm present: _____

Yes No

Alarm level: _____

Alarm in working order: Yes No

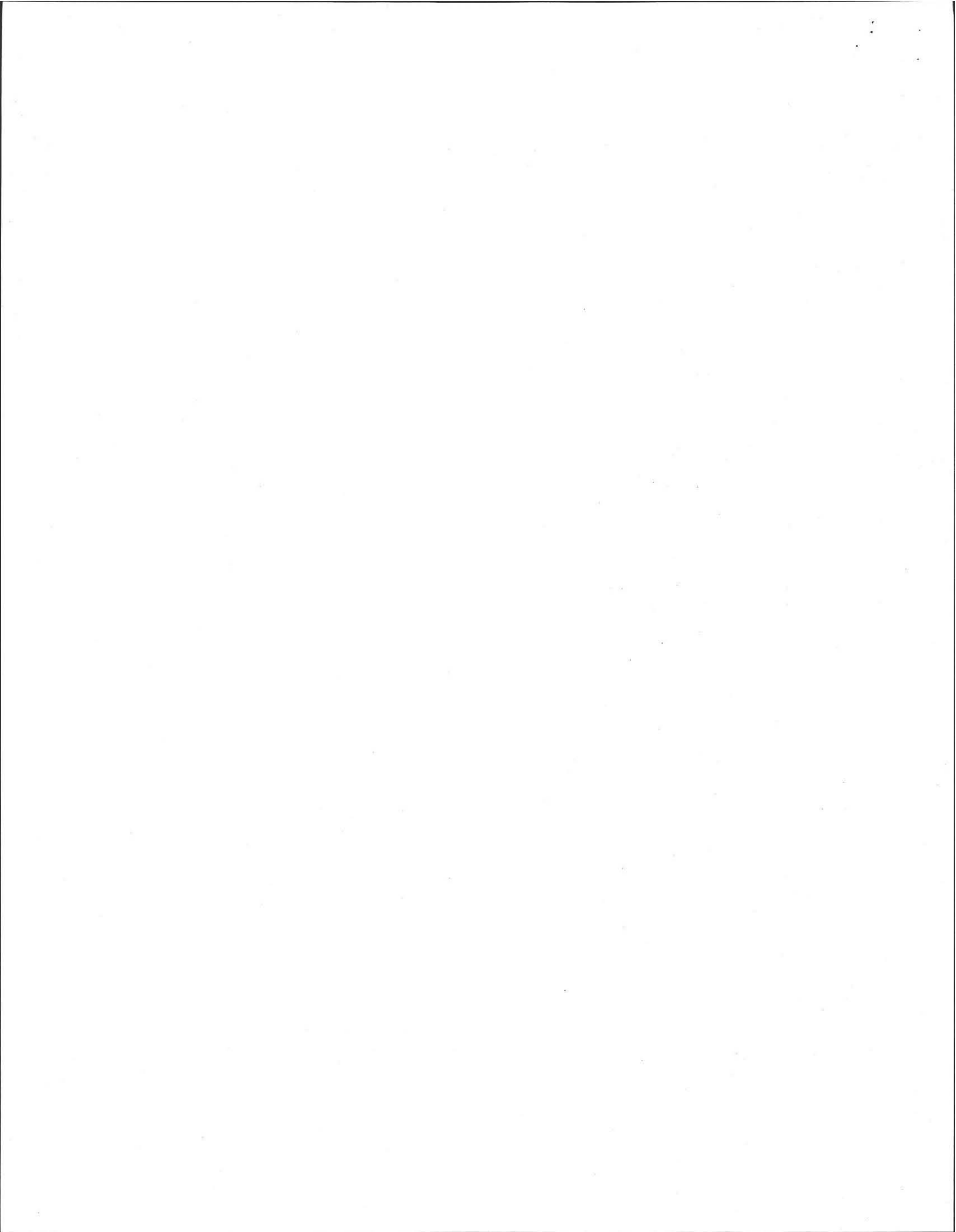
Date of last pumping: _____

Date

Comments (condition of alarm and float switches, etc.):

Four horizontal lines for handwritten comments.

* Attach copy of current pumping contract (required). Is copy attached? Yes No





Commonwealth of Massachusetts
Title 5 Official Inspection Form
 Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Owner information is required for every page.

330 Pelham Road
 Property Address
 Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379
 Owner's Name
 Amherst MA 01002 11.01.2011
 City/Town State Zip Code Date of Inspection

D. System Information (cont.)

Distribution Box (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 (locate on site plan):

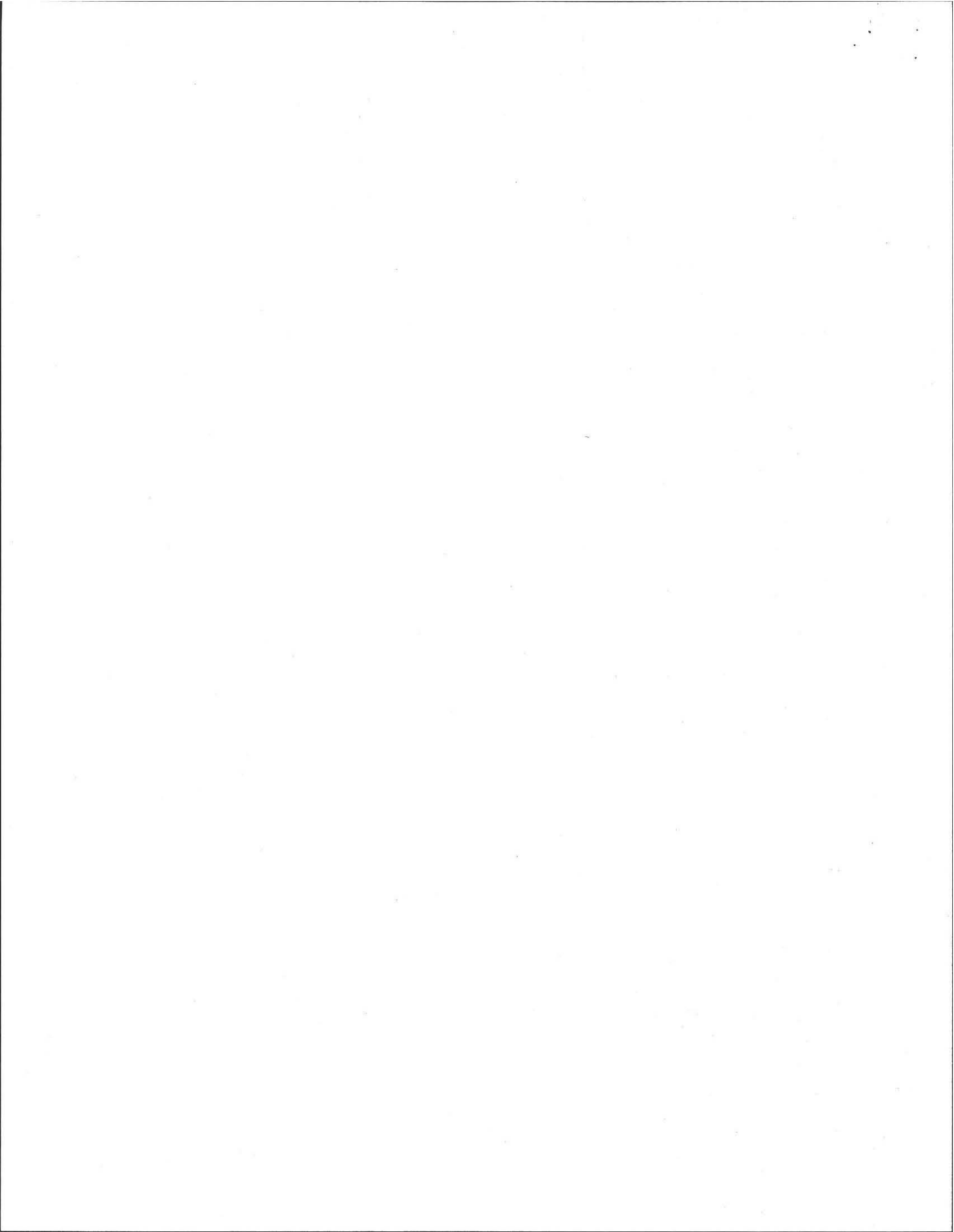
Pumps in working order: Yes No

Alarms in working order: Yes No

Comments (note condition of pump chamber, condition of pumps and appurtenances, etc.):

Soil Absorption System (SAS) (locate on site plan, excavation not required):

If SAS not located, explain why:





Commonwealth of Massachusetts
Title 5 Official Inspection Form
 Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Owner information is required for every page.

330 Pelham Road
 Property Address
 Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379
 Owner's Name
 Amherst MA 01002 11.01.2011
 City/Town State Zip Code Date of Inspection

D. System Information (cont.)

Type:

- leaching pits number: 4' x 4'
- leaching chambers number: _____
- leaching galleries number: _____
- leaching trenches number, length: _____
- leaching fields number, dimensions: 3 lines
- 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 Liquid level staining over invert pipe nor past Hydraulic failure, 18" BG.

Cesspools (cesspool must be pumped as part of inspection) (locate on site plan):

Number and configuration _____

Depth – top of liquid to inlet invert _____

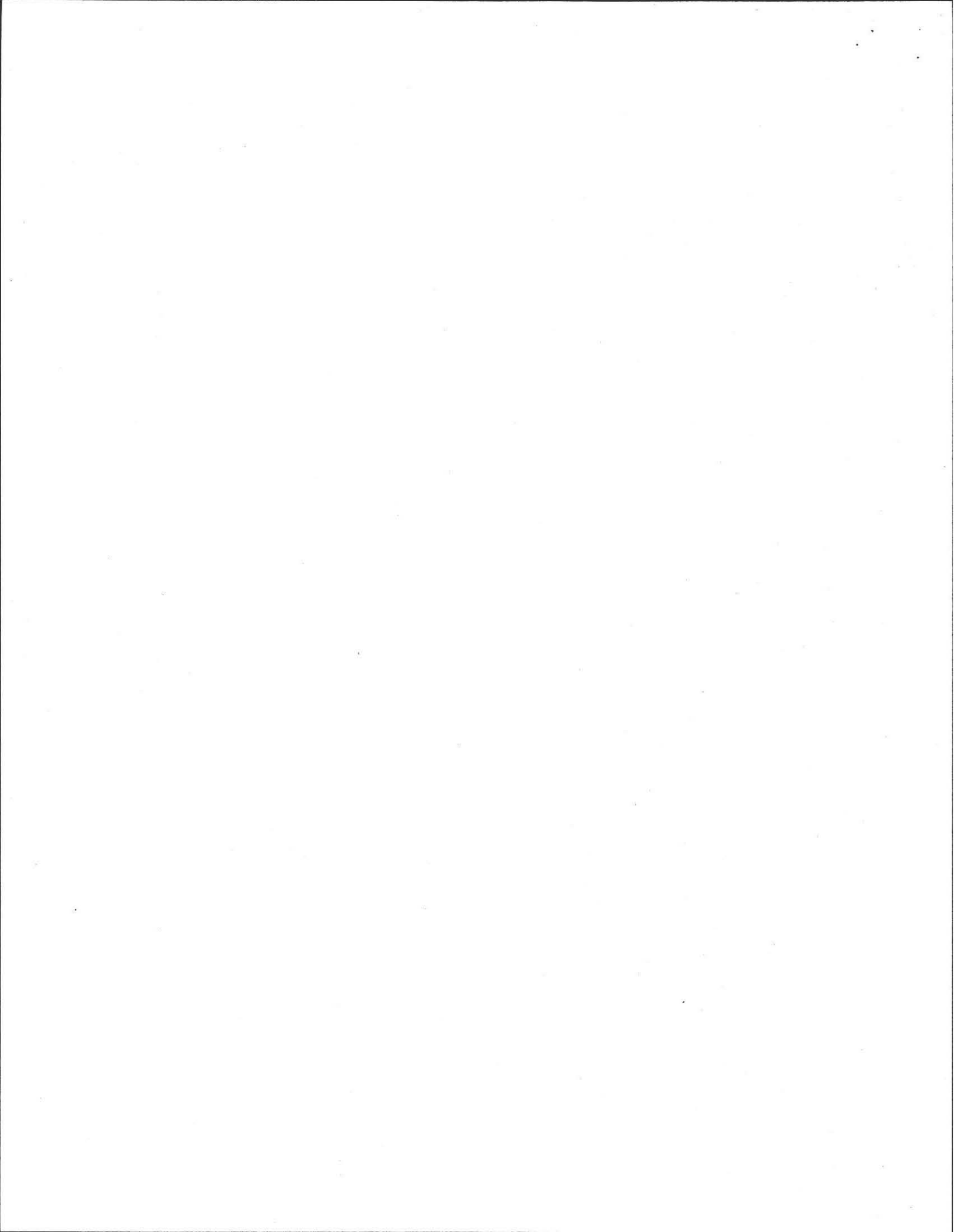
Depth of solids layer _____

Depth of scum layer _____

Dimensions of cesspool _____

Materials of construction _____

Indication of groundwater inflow Yes No





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

D. System Information (cont.)

Comments (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.):

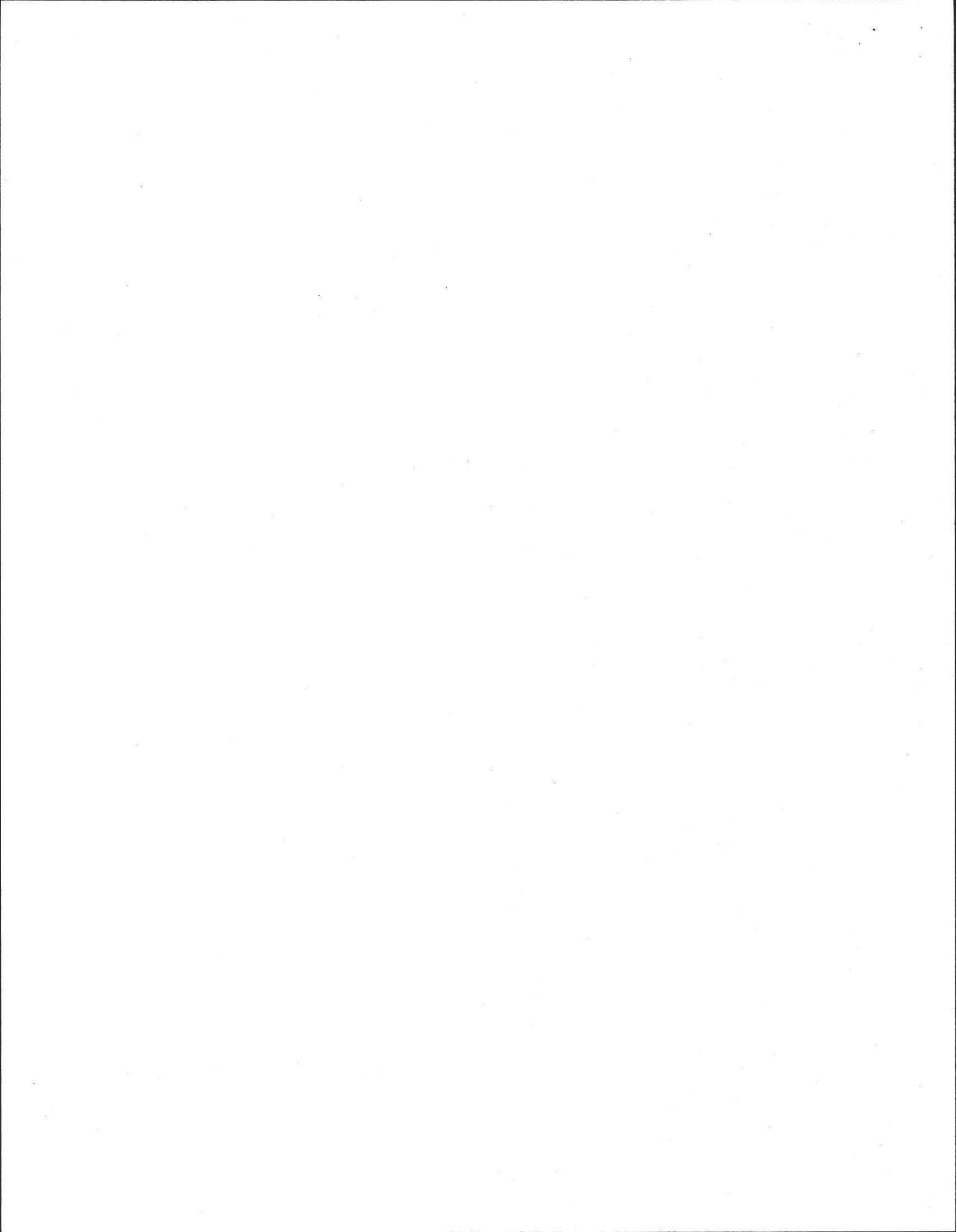
Privy (locate on site plan):

Materials of construction:

Dimensions

Depth of solids

Comments (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.):





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

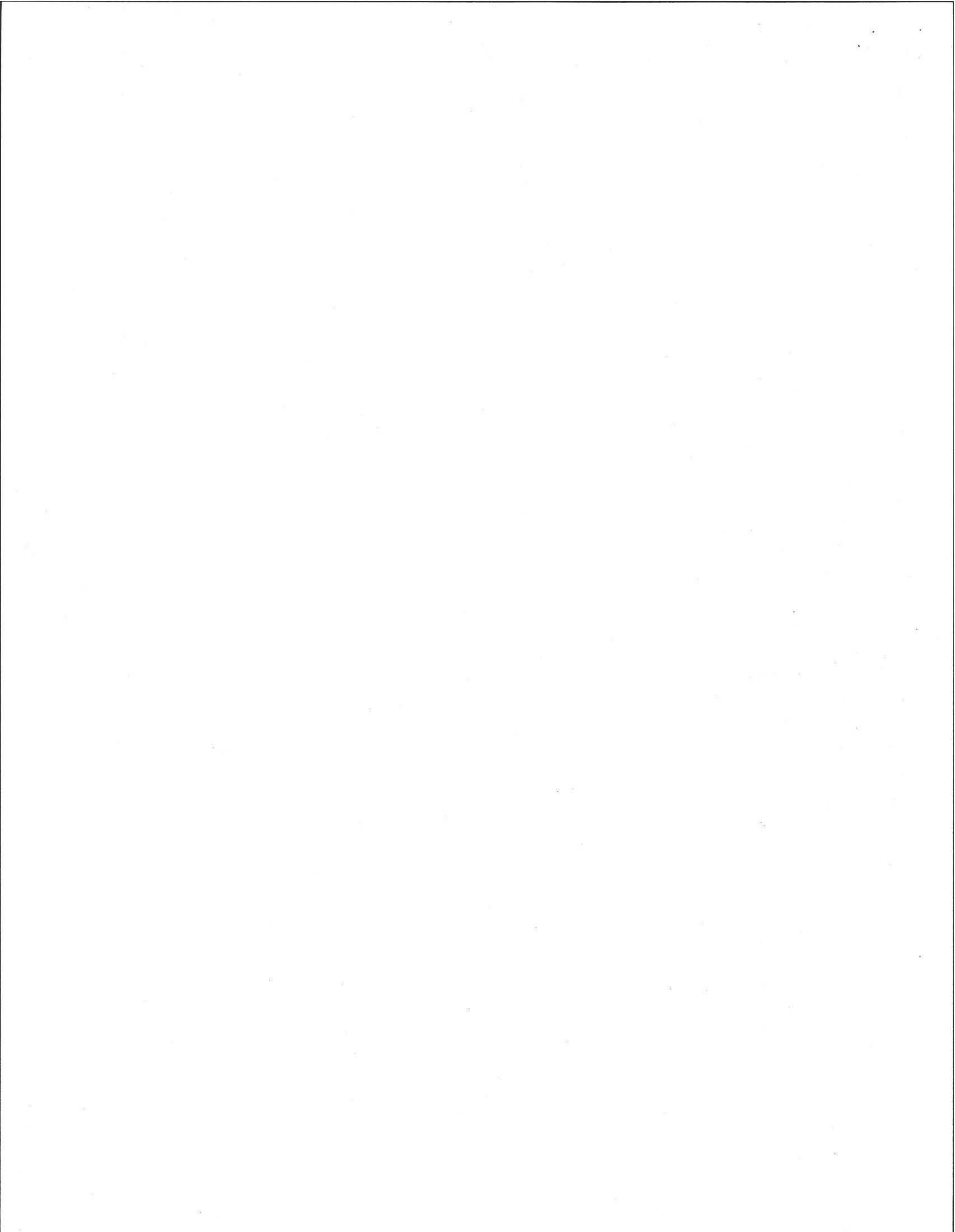
Date of Inspection

Owner information is required for every page.

D. System Information (cont.)

Sketch Of Sewage Disposal System: Provide a view 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. Check one of the boxes below:

- hand-sketch in the area below
- drawing attached separately





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

Zip Code

Date of Inspection

Owner information is required for every page.

D. System Information (cont.)

Site Exam:

Check Slope

Surface water

Check cellar

Shallow wells

Estimated depth to high ground water:

5'+/- feet

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

Obtained from system design plans on record

If checked, date of design plan reviewed: Date

Observed site (abutting property/observation hole within 150 feet of SAS)

Checked with local Board of Health - explain:

Checked with local excavators, installers - (attach documentation)

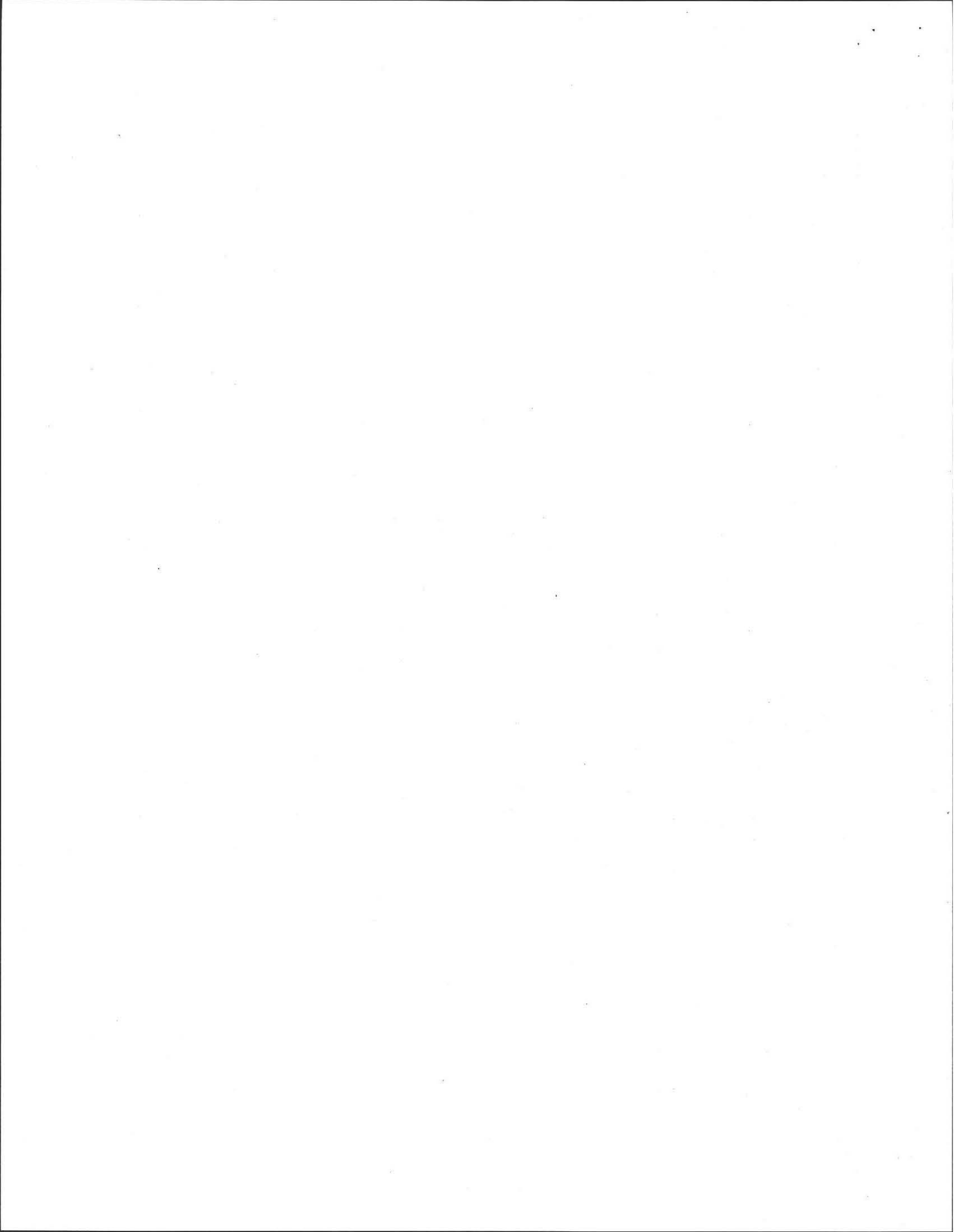
Accessed USGS database - explain:

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

Work in area in past.

Blank lines for describing how high ground water elevation was established.

Before filing this Inspection Report, please see Report Completeness Checklist on next page.





Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

330 Pelham Road

Property Address

Estate of Muriel Paddock (C/O James Paddock, 244 Locks Pond Village Road, Wendell, Ma 01379

Owner's Name

Amherst

MA

01002

11.01.2011

City/Town

State

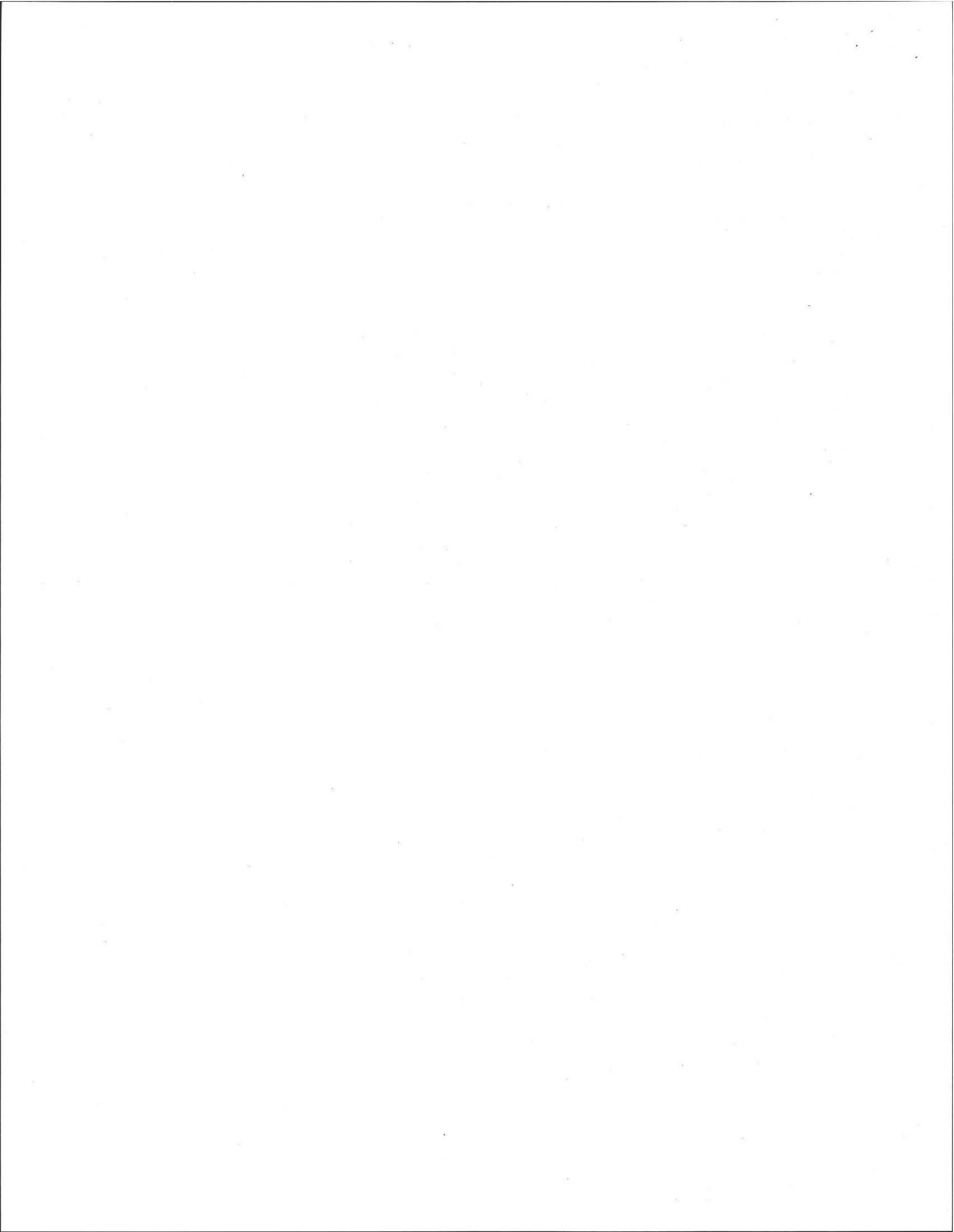
Zip Code

Date of Inspection

Owner information is required for every page.

E. Report Completeness Checklist

- Inspection Summary: A, B, C, D, or E checked
- Inspection Summary D (System Failure Criteria Applicable to All Systems) completed
- System Information – Estimated depth to high groundwater
- Sketch of Sewage Disposal System either drawn on page 15 or attached in separate file



NOTES

APPLICATION FOR PERMIT TO CONSTRUCT OR REPAIR
A PRIVATE SEWAGE DISPOSAL SYSTEM

TO: THE BOARD OF HEALTH, AMHERST, MASS. No. 761
Henry O. Padlock of Pelham Rd. 3-5470
(owner's name) (address) (phone)

hereby applies for a permit to construct or repair a private disposal system for a V
(residence, store, etc.)

which will be located at Pelham Rd. to be installed by
Henry O. Padlock Pelham Rd. 3-5470
(name) (address) (phone)

Builder is Henry O. Padlock Plumber is _____

Description of lot, building and fixtures as follows:

Lot: Dimensions _____ Type of Soil gravel Well or Town Water? town
Distance to Town Sewer 144' Depth to Ground Water _____ Kind of Well private
Will Lot be Graded? yes By Filling or Removing Soil? Filling
Building: Dimensions _____ No. Bedrooms 2 No. Occupants 3
Fixtures: No. Toilets 1 Urinals 0 Wash Basins 1 Bathtubs 1
Showers 0 Kitchen Sinks 1 Garbage Grinders 0
Auto Dishwasher 0 Auto. Clotheswasher 1 Other (basement) 0

(On reverse side show plot plan with building. Include dimensions, distances from all boundaries. Show location of wells, streams, ledge, large trees, etc.)

I certify that the above information is correct and that I will notify the Board of Health if any conditions are changed. I also declare that I have read and understand all the rules and regulations applying hereto and will comply with all requirements and stipulations as included in a permit if issued to me.

Date 5/22/61
Henry O. Padlock
(Signature of Applicant)

Must Connect to Town Sewers FAS

PERMIT TO CONSTRUCT OR REPAIR A PRIVATE SEWAGE DISPOSAL SYSTEM

No. _____
_____ is hereby granted permission to proceed with the construction or repair of private sewage disposal system with the following minimum requirements:

Septic Tank: Must be of Cement and of _____ Gals. Liquid Capacity.

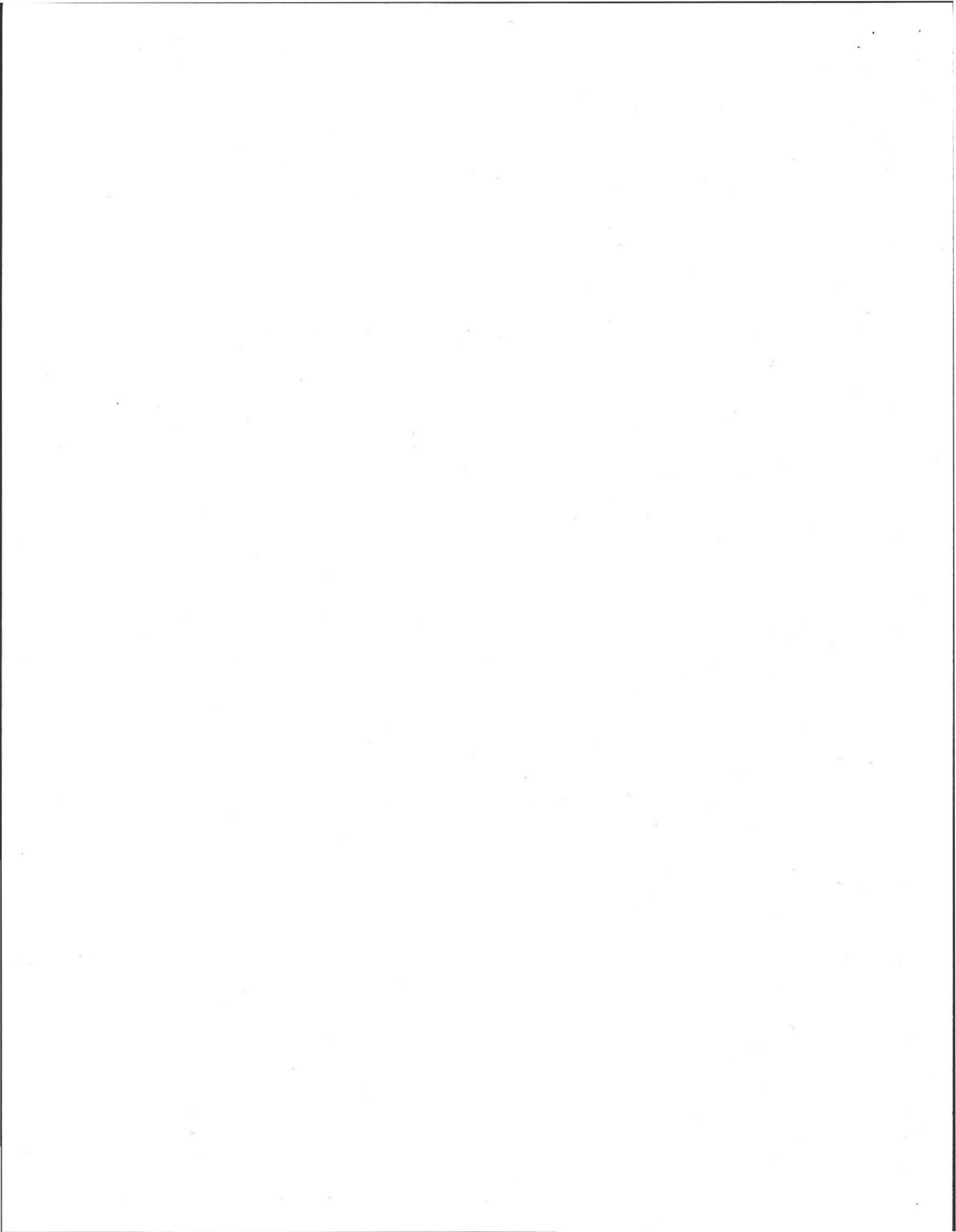
Leaching System: Trenches of not less than _____ Sq. Ft. bottom area.

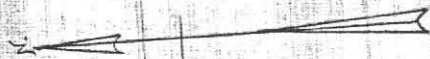
Dry well _____ ft. bottom area and _____ ft. below the inlet.

Other _____

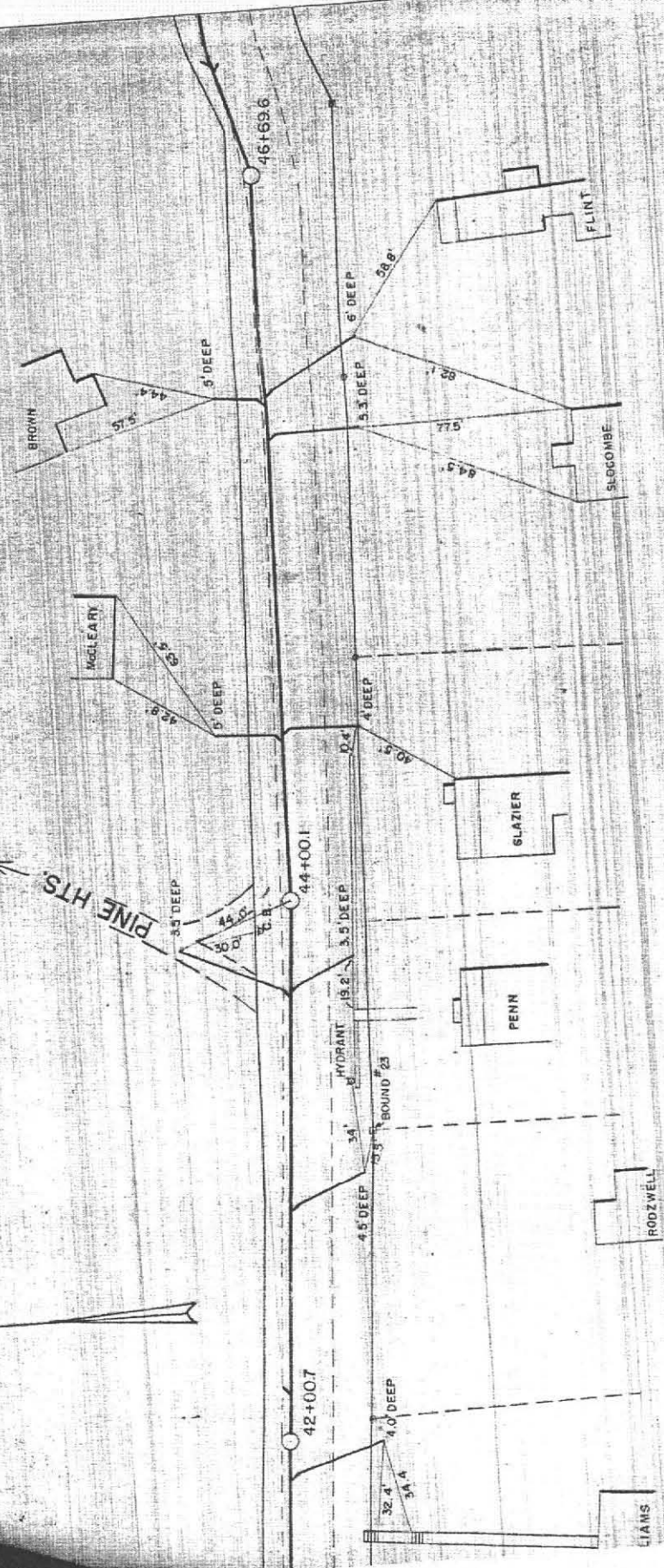
This permit is issued with the understanding that future alterations or additions will be made if necessary. This permit shall not be construed as permission to create or maintain any sewage nuisance and in the issuance of this permit the Board of Health assumes no responsibility for the future operation or maintenance of the system.

Inspected _____ Approved _____
_____ for the Board of Health _____ date





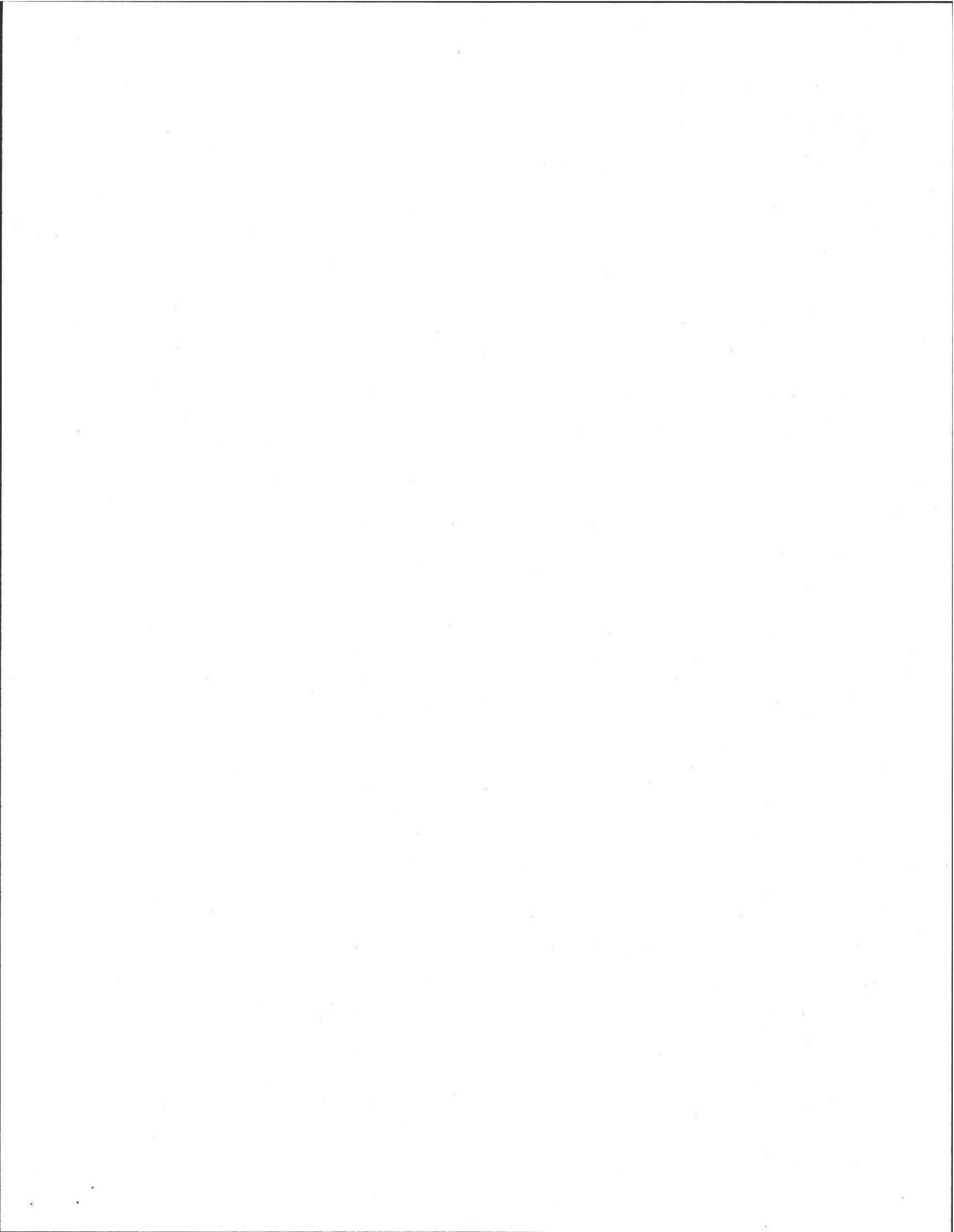
PINE HTS. ←



PELHAM RD.

3+00 TO STA. 48+00
CONSTRUCTED IN 1953
HALEY AND WARD
ENGINEERS

E.M.H.



Dry Well S.TANK.



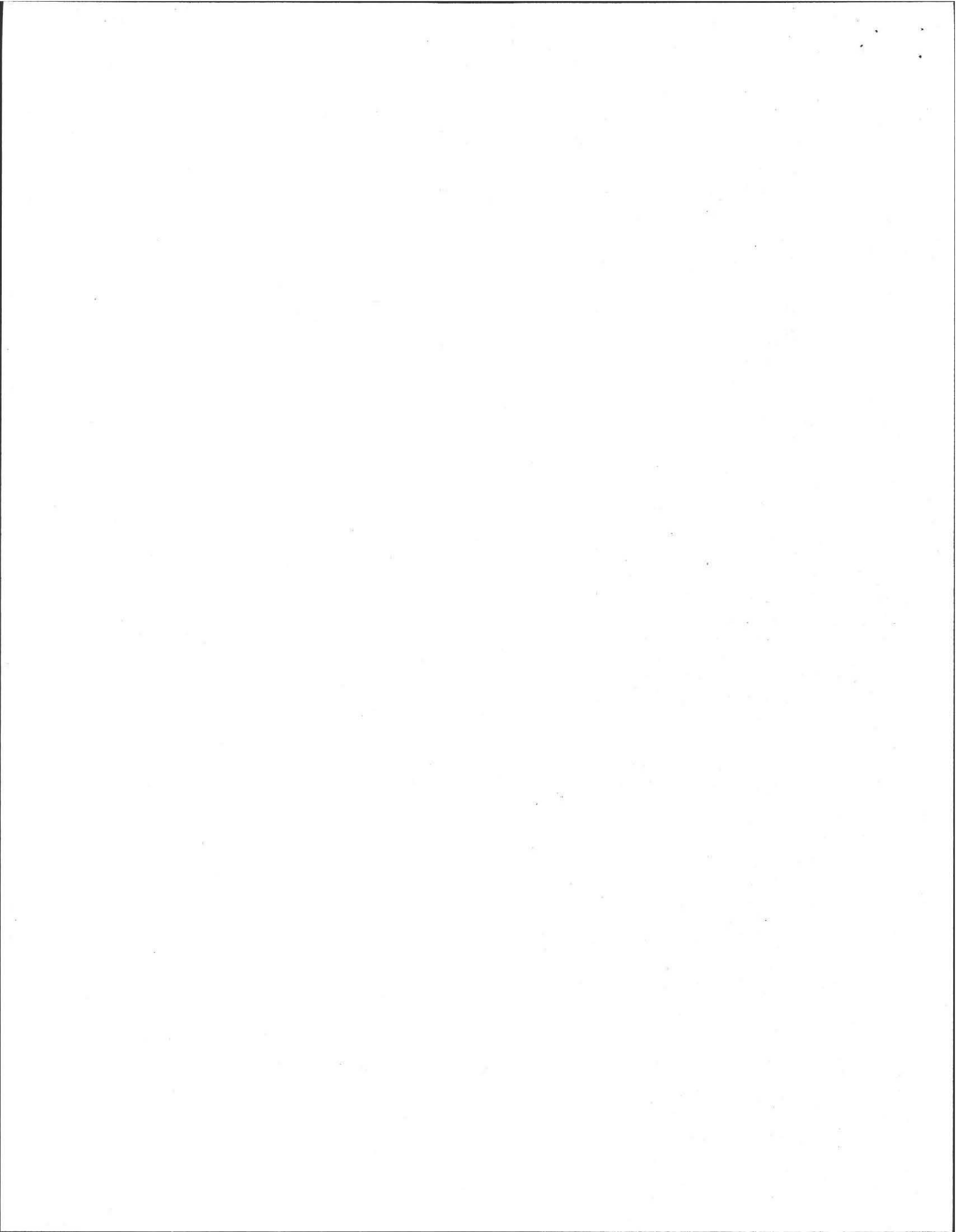
- | | |
|---------------------------|------------------------|
| Property Map | Parking |
| Property Lines | Parking Paved |
| Property Line | Parking Unpaved |
| Hydrographic Propert | Driveways |
| Right of Way Line | Driveway Paved |
| Town Boundary | Driveway Unpaved |
| Easements | Sidewalks |
| Topography | Transportation |
| Elevations | Paved street polygons |
| Elevation Contours | Unpaved street polyg |
| Intermediate | Bridges |
| Index | Bridge decking and str |
| Basemap | Foot Bridge |
| Trails | Rail Bridge |
| Rail Lines | Streets |
| Structures | Local Roads |
| Building | Major Roads |
| Foundation or in con | State Routes |
| Outbuilding or Miscel | MHO Roads |
| Deck, Porch, Stairs or | Limited Access Highw |
| Mobile home, Trailer | Multi-lane Hwy, not B |
| Swimming Pool | Other Numbered High |
| Building Ruins | Major Road, Collector |
| Water storage tank | Minor Road, Arterial |
| Rivers and Streams | |
| Streams | |
| Major Culverts | |
| Hydro Connector | |
| Headwalls, Floodwalls | |
| Water Bodies | |
| Dams | |
| Rivers, Ponds & Rese | |
| Retention ponds/Floo | |
| Wetland | |
| Forested Wetland | |

Horizontal Datum: MA Stateplane Coordinate System, Zone 4151, Datum NAD83, Feet
 Vertical Datum: NAVD88, Feet

Planimetric & topographic basemap features compiled at 1"=40' scale from April, 2000 Aerial Photography. Parcels compiled to match the basemap; revisions are ongoing.

The information depicted on this map is for planning purposes only. It may not be adequate for legal boundary definition, regulatory interpretation, or property conveyance purposes. Utility structures and underground utility locations are approximate and require field verification.

THE TOWN OF AMHERST MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, OR SUITABILITY OF THESE DATA. THE TOWN OF AMHERST DOES NOT ASSUME ANY LIABILITY ASSOCIATED WITH THE USE OR MISUSE OF THIS INFORMATION.

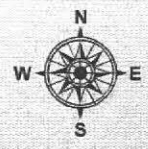




- Legend**
- | | |
|--------------------------|------------------|
| ● Sewer Manhole | — Water Line |
| ● Private Sewer MH | — Active |
| — Gravity Sewer Lines | - - Missing |
| — Active Sewer Line | - - Abandoned |
| - Missing | ⊙ Drain Cleanout |
| - Abandoned | ■ Catch Basin |
| — Force Main Sewer Lines | ● Drain Man Hole |
| ● Water Manhole | — Drain Lines |
| | ▶ Active |
| | - - Missing |
| | - - Abandoned |

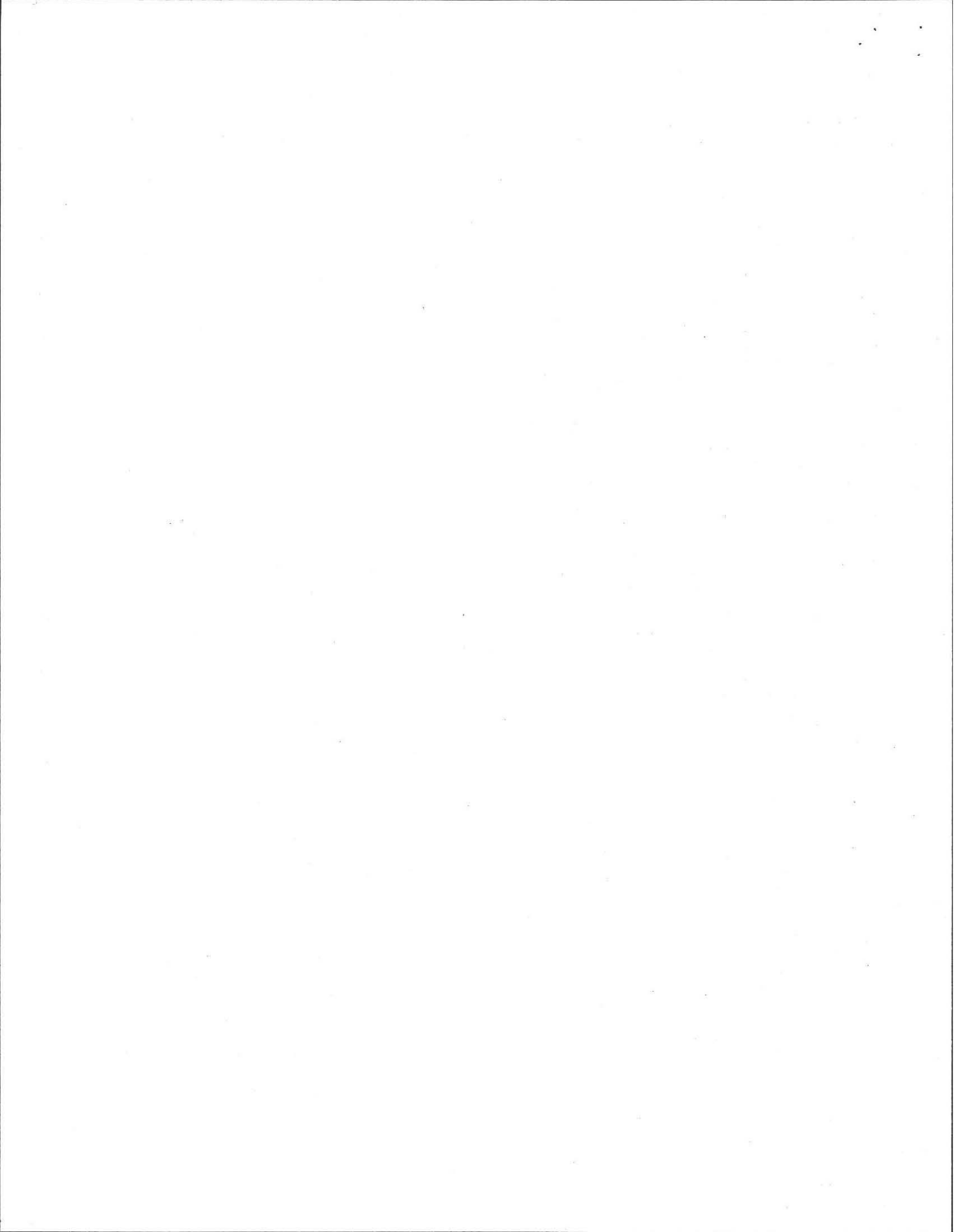
**330 Pelham Rd.
Amherst, Ma.**

Property lines are approximate and not intended for conveyance purposes



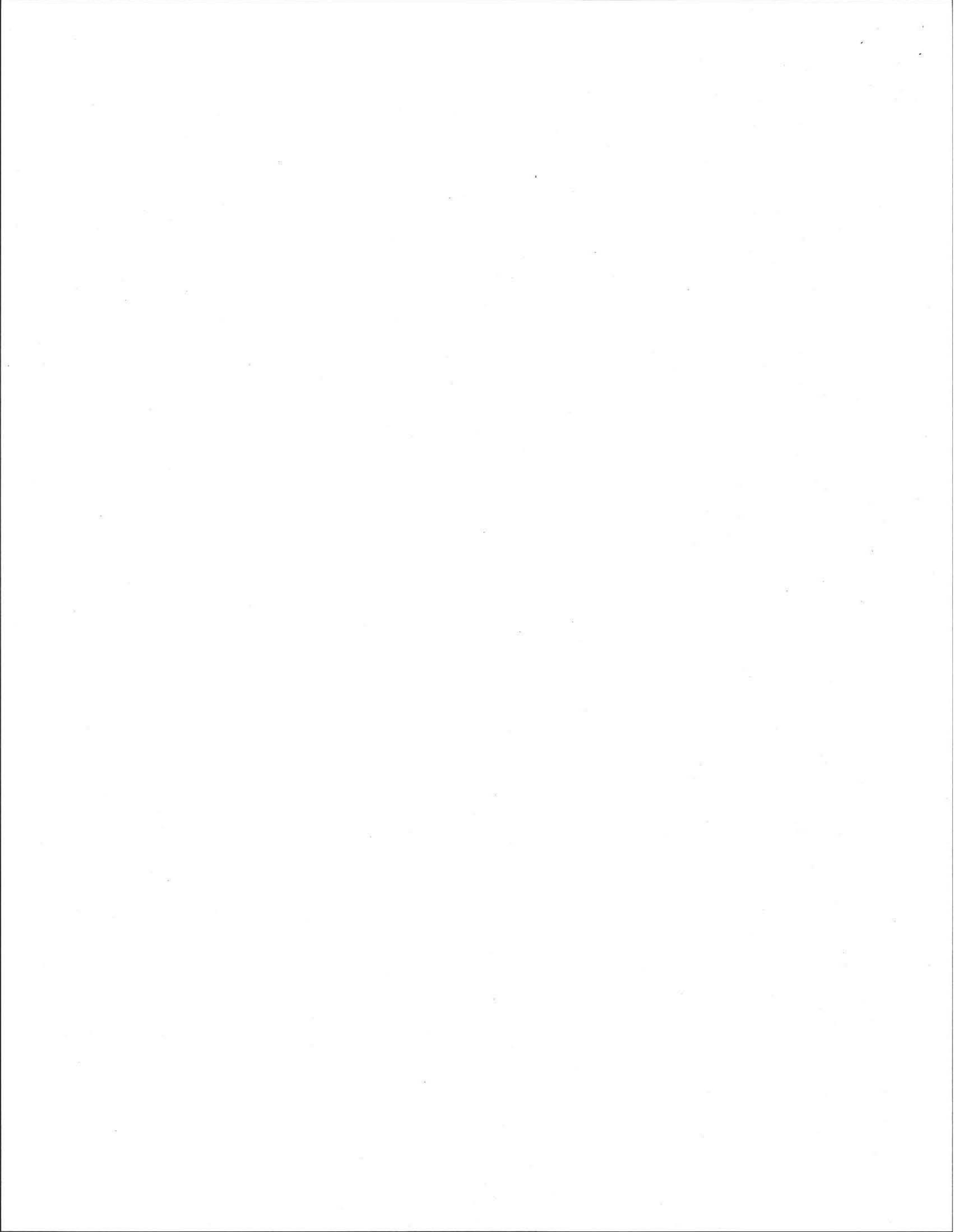
1 inch = 80 feet

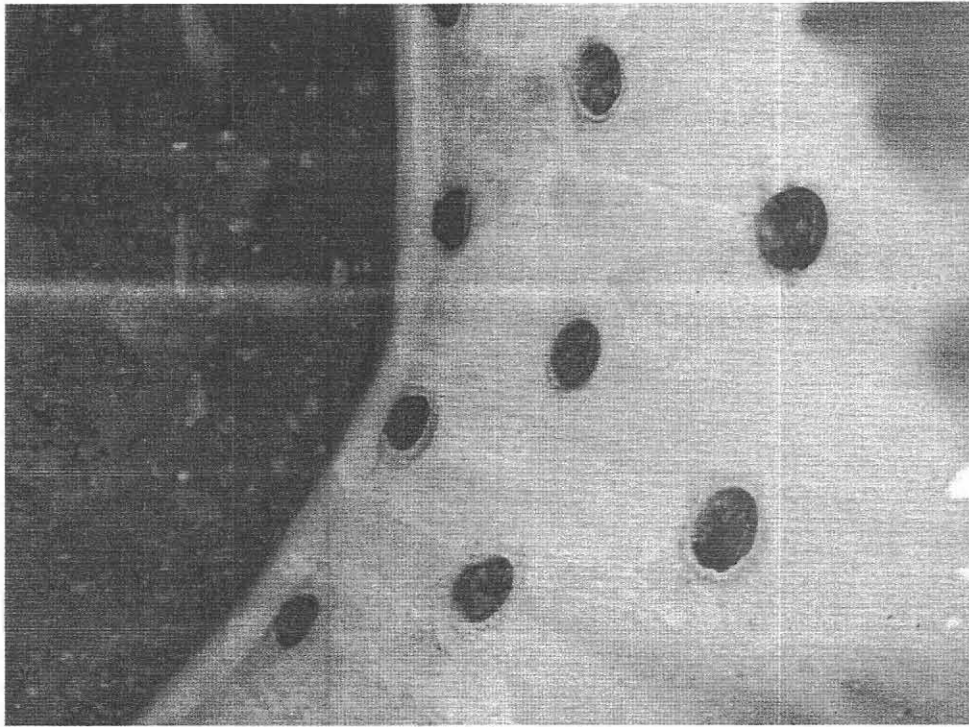




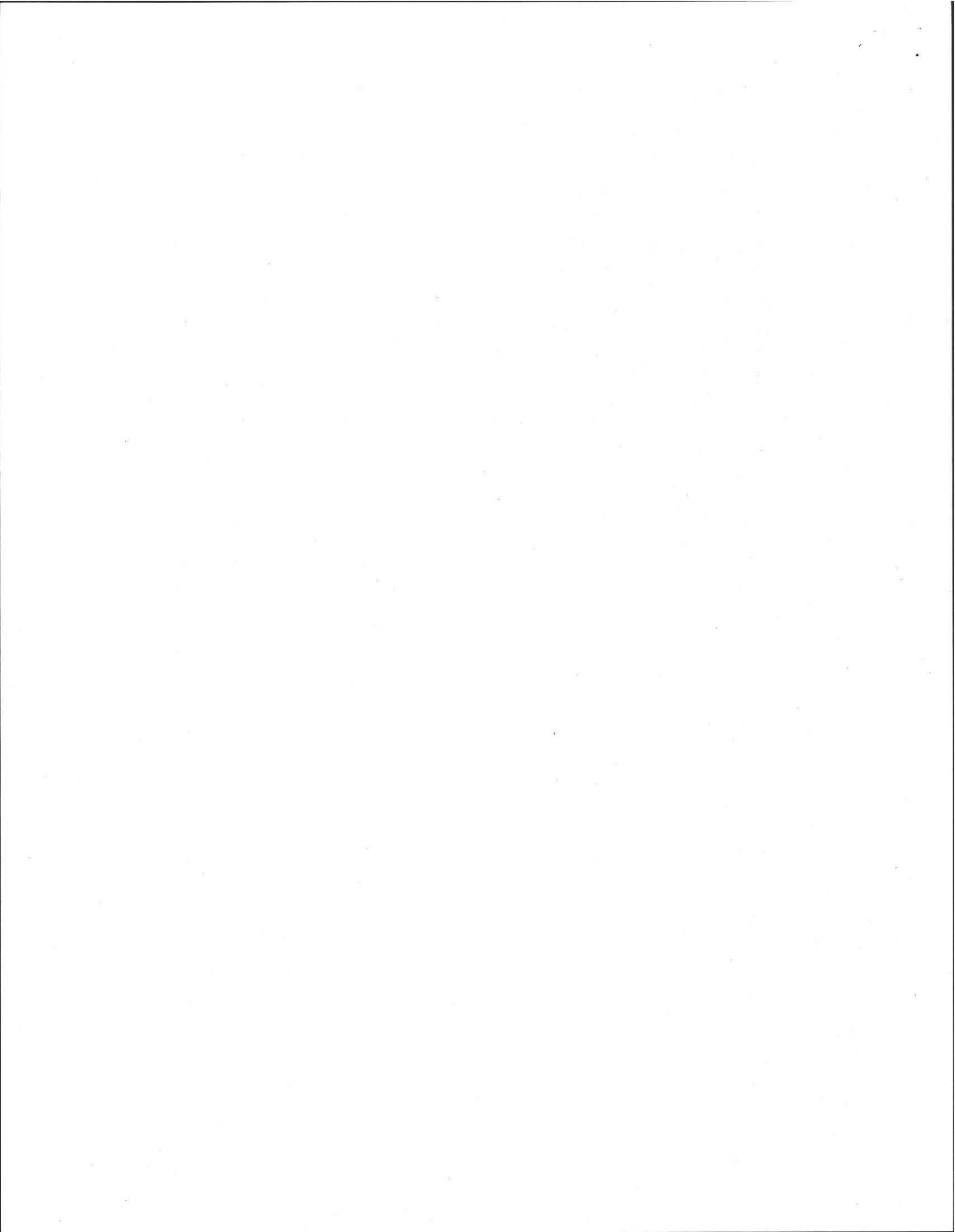


Inlet baffle
330 Pelham Road
Pelham, MA
11.01.2011



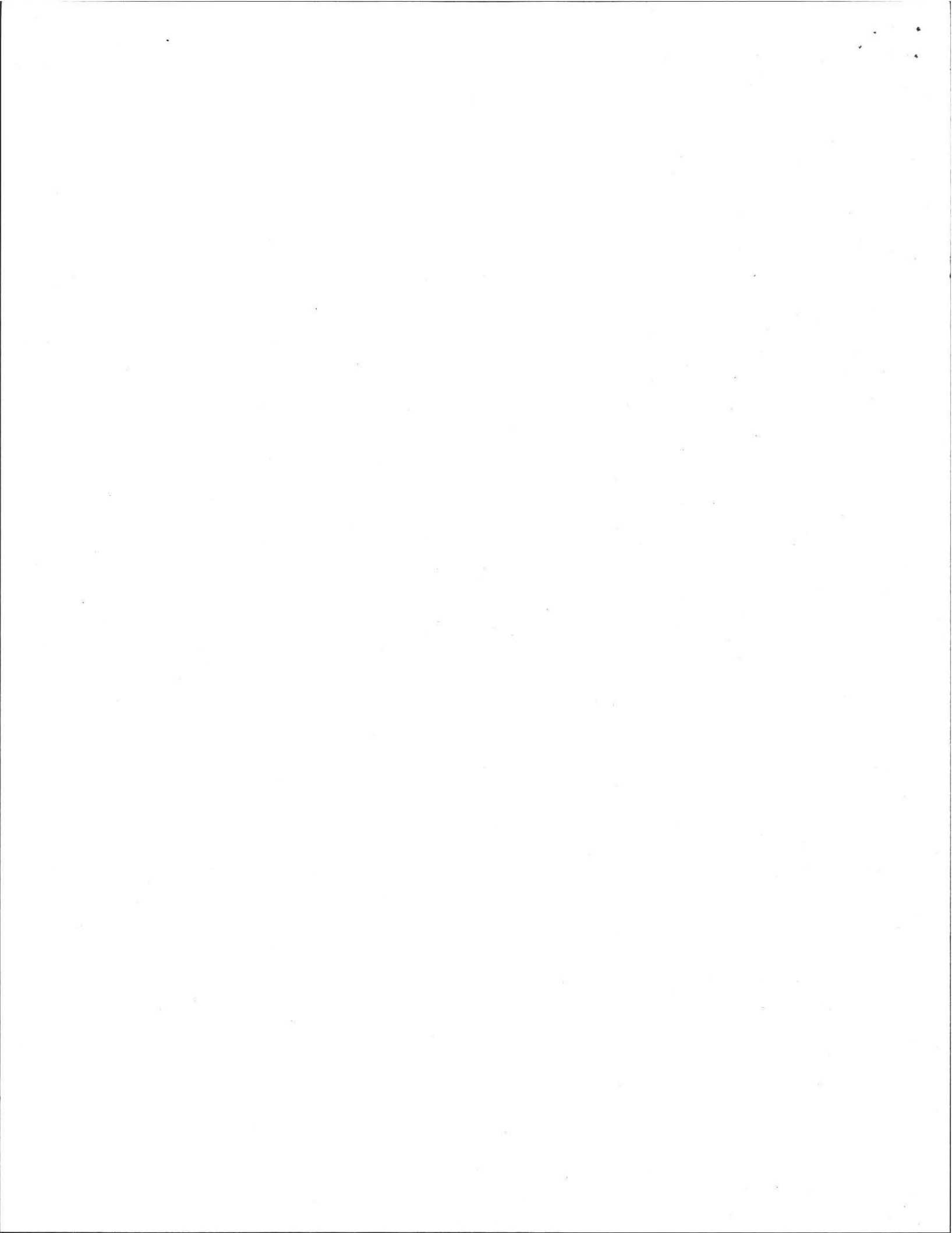


Inside Dry well
330 Pelham Road
Pelham, MA
11.01.2011





Dry well
330 Pelham Road
Pelham, MA
11.01.2011



IMPORTANT MESSAGE

For _____

Day _____ Time _____ A.M.
P.M.

M Robin

Of paralegal Mariel Paddock

Phone _____

FAX Area Code _____ Number 584 4287 Extension _____

MOBILE Area Code _____ Number _____ Extension _____

Telephoned	<input type="checkbox"/>	Returned your call	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
Came to see you	<input type="checkbox"/>	Please call	<input type="checkbox"/>	Special attention	<input type="checkbox"/>
Wants to see you	<input type="checkbox"/>	Will call again	<input type="checkbox"/>	Caller on hold	<input type="checkbox"/>

Message originally new septic;
invoice for 5

Signed _____

8:15 Topics are Chair did not reasonably anticipate 48 hours before the meeting.

8:15 Director's Report and Update

8:30 Schedule Next Board of Health Meeting/Agenda Closing Date



**COLD SPRING
ENVIRONMENTAL
CONSULTANTS, INC.**

350 Old Enfield Rd.
Belchertown, MA 01007
P. 413-323-5957
F. 413-323-4916

Alan E. Weiss, M.S., R.S., L.S.P.
President
Licensed Site Professional
Hydrogeologist
Registered Sanitarian

coldspringenvironmental.com
aeweiss@charter.net

- Wetland Consults**
- Soil and Water Testing**
- 21E Site Investigations**
- Percolation Tests**
- Septic Designs**
- Title 5 Inspections**



Public Health
Prevent. Promote. Protect.
Amherst Health Department

James Paddock

244 Locke Village Rd

01379

978-544-6461

James

(or mail)

Sign + deliver copy
to Ed Smith at

Amherst Health Dept
(413-259-3153).

Alan

P.S. we must also pay fees

No. 12-08

TITLE V - 200 \$
PERMIT FEE - 150 = 350

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, MA.

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT



Application for a Permit to Construct () Repair Upgrade () Abandon () - Complete System Individual Components

Location	<u>330 Pelham Rd.</u>	Owner's Name	<u>James Paddock</u>
Map/Parcel#	<u>15B/12</u>	Address	<u>244 Locks Village Rd, Wendell</u>
Lot#	<u>12</u>	Telephone#	<u>978-544-6461</u>
Installer's Name	<u>Karl's Site Work</u>	Designer's Name	<u>Alan Weiss, PS</u>
Address	<u>Hadley, MA.</u>	Address	<u>Beldensaw, MA.</u>
Telephone#	<u>549-5396</u>	Telephone#	<u>413 323-5957</u>

Type of Building Residence. Lot Size 3.45 ac +/- sq. ft.
 Dwelling - No. of Bedrooms 4 BR (Actual) Garbage grinder No
 Other - Type of Building _____ No. of persons _____ Showers (), Cafeteria ()
 Other Fixtures _____
 Design Flow (min. required) _____ gpd Calculated design flow _____ Design flow provided _____ gpd
 Plan: Date 11/28/11 Number of sheets _____ Revision Date _____
 Title Septic Tank Replacement Plan.
 Description of Soil(s) Class 1:
 Soil Evaluator Form No. _____ Name of Soil Evaluator _____ Date of Evaluation _____

DESCRIPTION OF REPAIRS OR ALTERATIONS Septic Tank

The undersigned agrees to install the above described Individual Sewage Disposal System in accordance with the provisions of TITLE 5 and further agrees to not to place the system in operation until a Certificate of Compliance has been issued by the Board of Health.

Signed [Signature] Date 11/28/11
for J. Paddock

Inspections _____

No. 12-08

FEE _____

COMMONWEALTH OF MASSACHUSETTS

Board of Health, _____, MA.

CERTIFICATE OF COMPLIANCE

Description of Work: Individual Component(s) Complete System
 The undersigned hereby certify that the Sewage Disposal System; Constructed (), Repaired (), Upgraded (), Abandoned ()
 by: _____
 at _____
 has been installed in accordance with the provisions of 310 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to
 application No. _____, dated _____. Approved Design Flow _____ (gpd)
 Installer _____
 Designer: _____ Inspector: _____ Date: _____
 The issuance of this permit shall not be construed as a guarantee that the system will function as designed.

No. 12-08

TITLE V - 200 \$
PERMIT FEE 150
350 \$

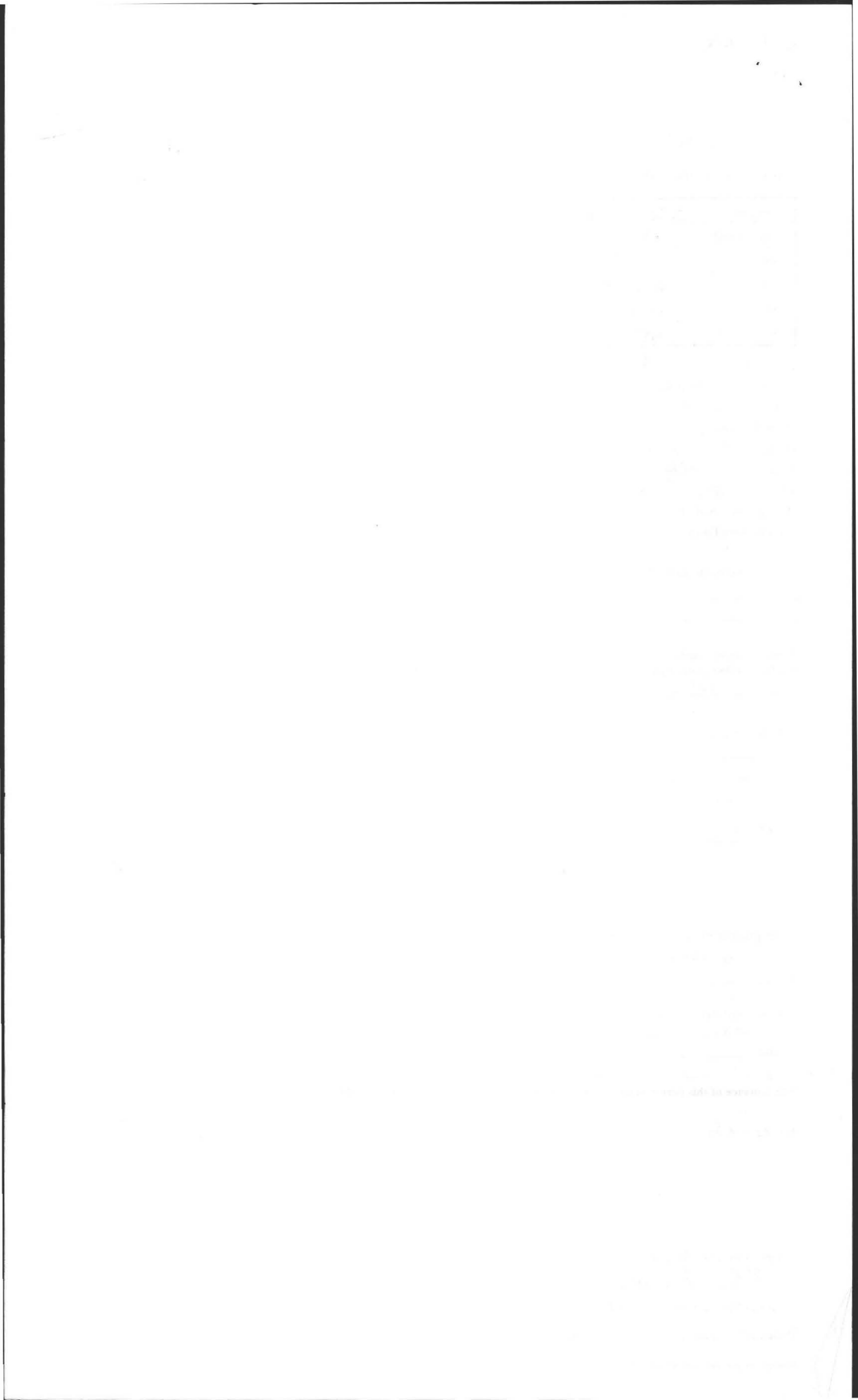
COMMONWEALTH OF MASSACHUSETTS

Board of Health, AMHERST, MA.

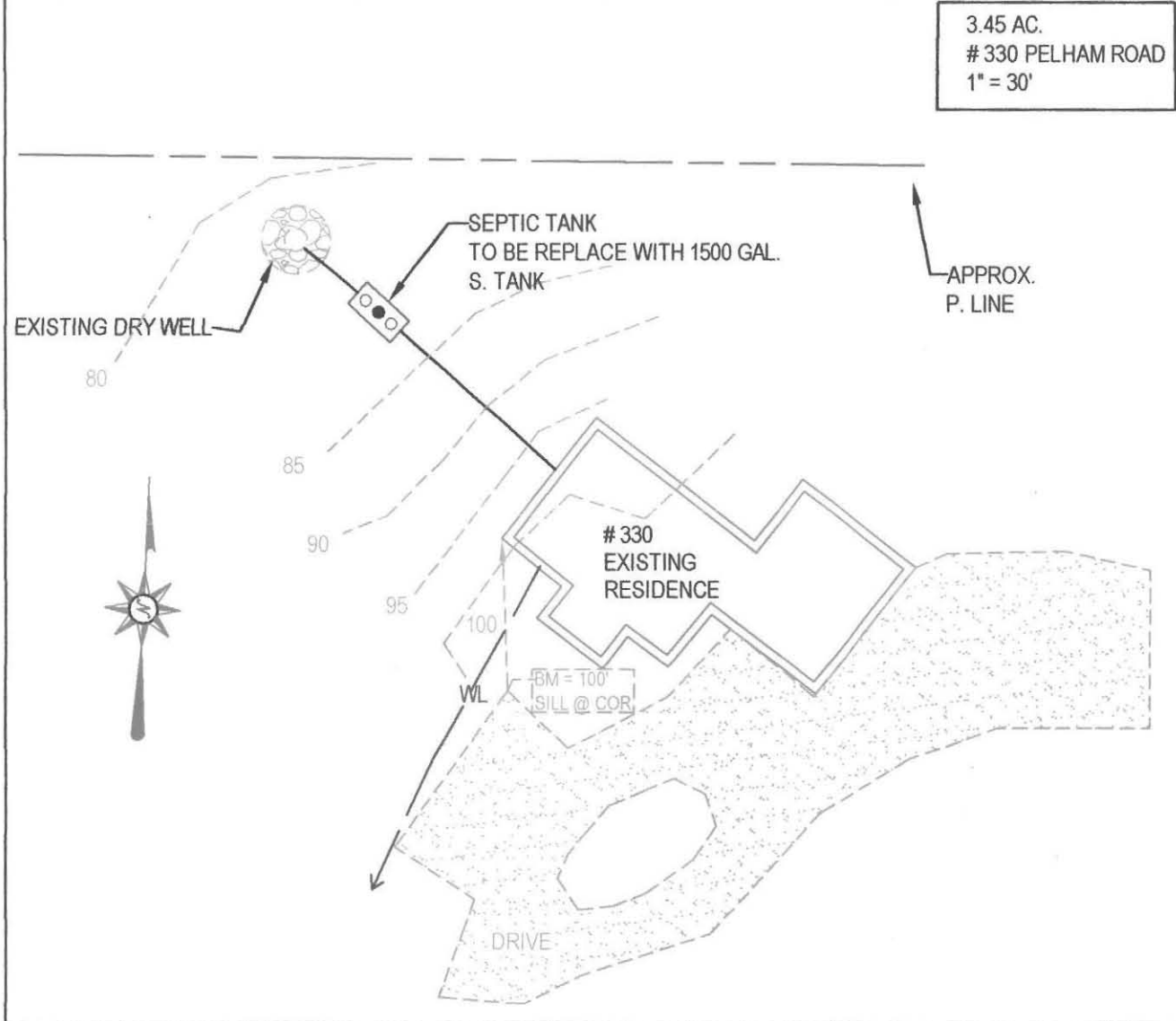
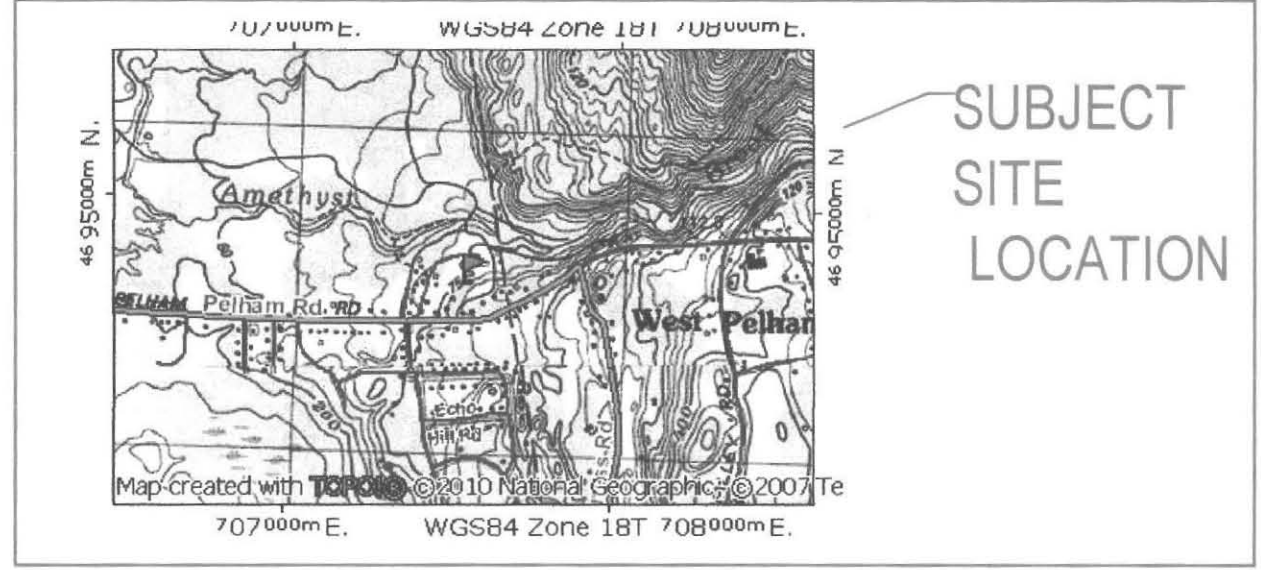
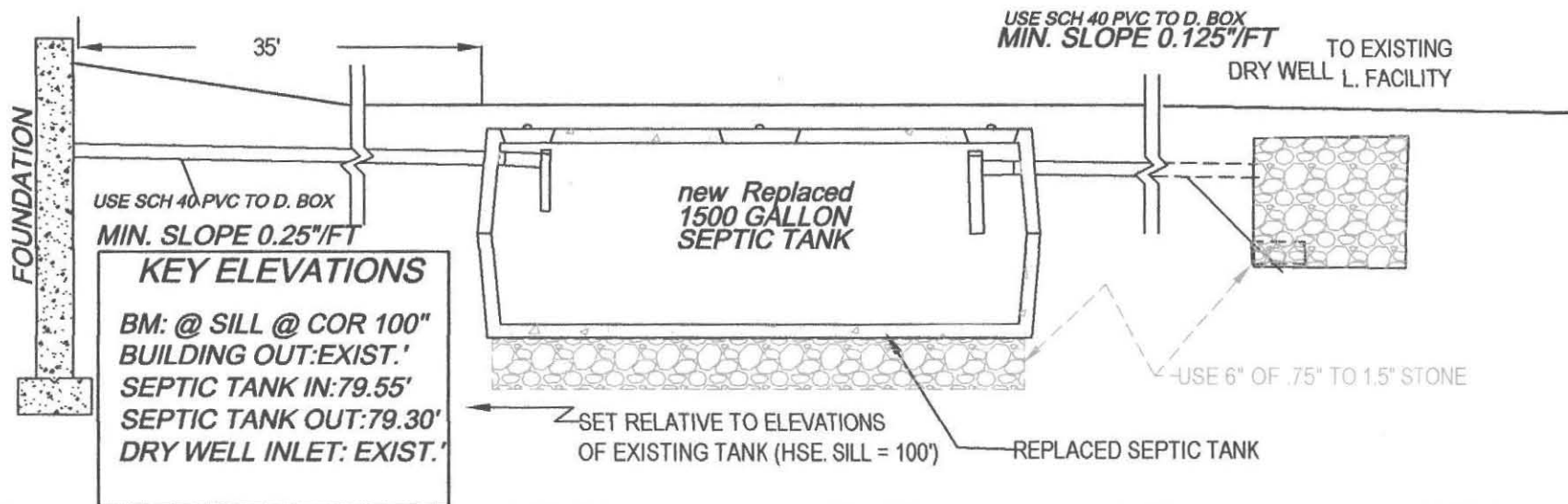
DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permission is hereby granted to; Construct () Repair Upgrade () Abandon () an individual sewage disposal system at 330 PELHAM ROAD AMHERST MA as described in the application for Disposal System Construction Permit No. 12-08, dated 12-2-2011

Provided: Construction shall be completed within three years of the date of this permit. All local conditions must be met.



EFFLUENT DISPOSAL SYSTEM (CROSS SECTION - NOT TO SCALE)

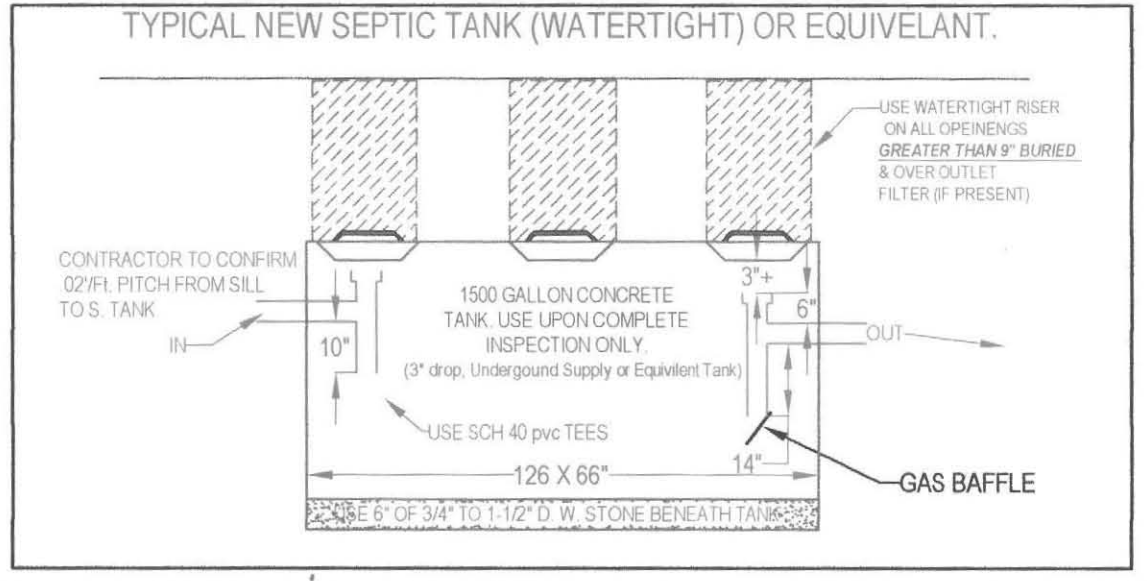


NOTE TO INSTALLER:
LOCATE AND ESTABLISH L. AREA AS FUNCTIONING FIRST, IF FAILED, CONTACT DESIGNER IMMEDIATELY, STOP TANK INSTALL PLAN. OTHERWISE PROCEED WITH:

1. Pump, crush and remove old component.
2. Install new S. tank as noted on plan as per 310 CMR 15.00, with proper Sch 40 tees and gas baffle or outlet filter.
3. Contact Designer and local Health official for proper inspection prior to backfill.

NOTE: NO GAURANTEE OF LEGNTH OF FUNCTION OF L. FIELD IS ADDRESSED. FIELD FOUND FUNCTIONAL AT TIME OF COMPONENT CHANGEOUT.

NOTE: NOT A SURVEY FOR SEPTIC LOCATION ONLY: NO PROPERTY LINES WITHIN 15 FT OF PROPOSED TANK REPLACEMENT



SEPTIC TANK & D. BOX REPLACEMENT PLAN FOR JAMES PADDOCK
330 PELHAM ROAD
AMHERST, MA

Cold Spring Environmental Consultants Inc.
350 Old Enfield Road
Belchertown, MA. 01007

PJFD NO: (413) 323-5957
FAX: (413) 323-4916
e-Mail: ACEWES@charter.net

DATE: 11.28.2011	DRAWN BY: ALAN WEISS	REVISED:
SCALE: 1"=30'		DRAWING NUMBER: 111-3793-1107

Faint, illegible text covering the majority of the page, possibly bleed-through from the reverse side.

W. J. ...

...



- | | |
|---------------------------|------------------------|
| Property Map | Parking |
| Property Lines | Parking Paved |
| Hydrographic Property | Parking Unpaved |
| Right of Way Line | Driveways |
| Town Boundary | Driveway Paved |
| Easements | Driveway Unpaved |
| | Sidewalks |
| Topography | Transportation |
| Elevations | Paved street polygons |
| Elevation Contours | Unpaved street polyg |
| Intermediate | Bridges |
| Index | Bridge decking and str |
| Basemap | Foot Bridge |
| Trails | Rail Bridge |
| Rail Lines | Streets |
| Structures | Local Roads |
| Building | Major Roads |
| Foundation or in cons. | State Routes |
| Outbuilding or Miscell | MHD Roads |
| Deck, Porch, Stairs or | Limited Access Highw |
| Mobile home, Trailer | Multi-lane Hwy, not II |
| Swimming Pool | Other Numbered High |
| Building Ruins | Major Road, Collector |
| Water storage tank | Minor Road, Arterial |
| Rivers and Streams | |
| Streams | |
| Major Culverts | |
| Hydro Connector | |
| Headwalls, Floodwalls | |
| Water Bodies | |
| Dams | |
| Rivers, Ponds & Rese | |
| Retention ponds/Floo | |
| Wetland | |
| Forested Wetland | |

Horizontal Datum: MA Stateplane Coordinate System, Zone 4151, Datum NAD83, Feet
 Vertical Datum: NAVD88, Feet

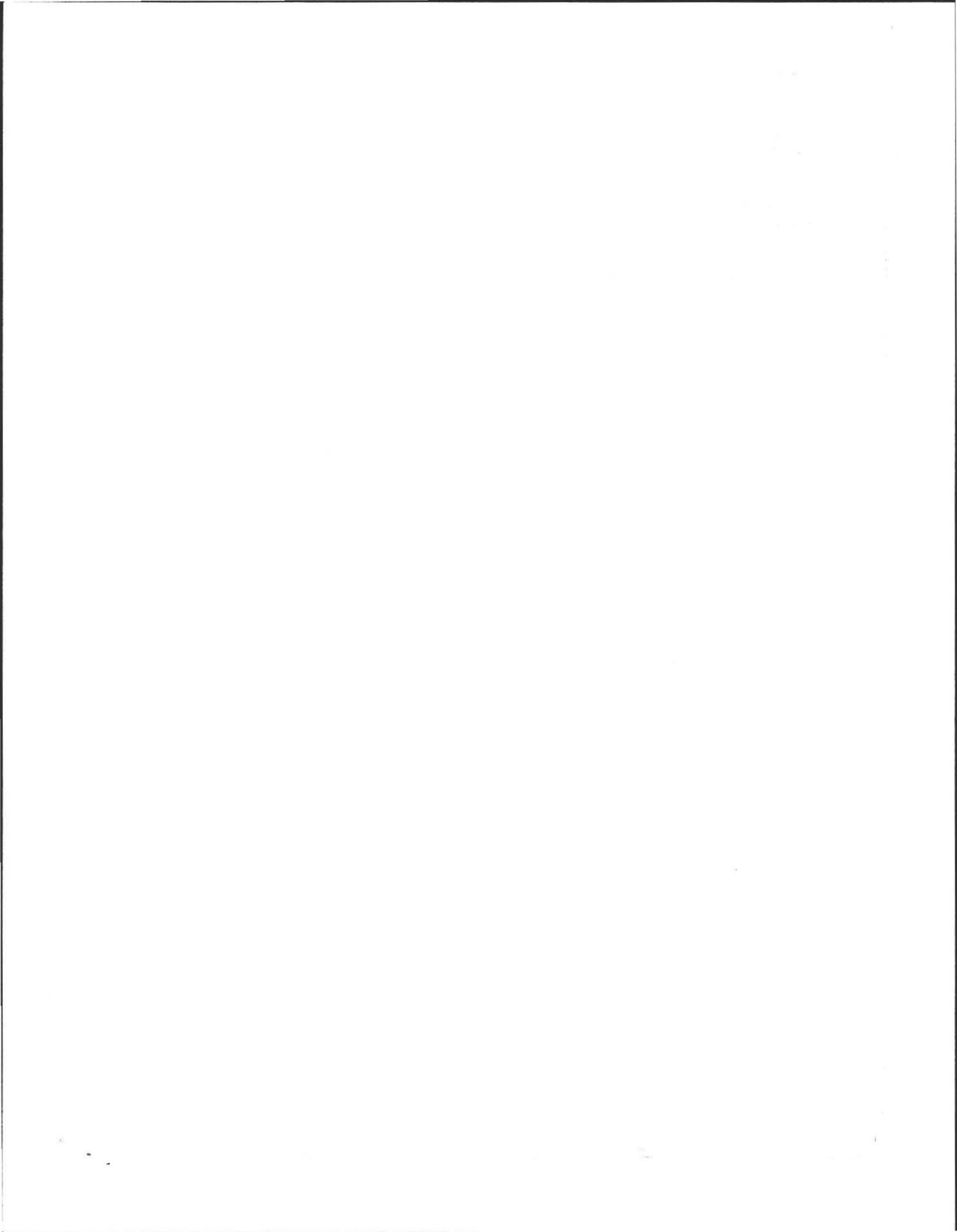
Planimetric & topographic basemap features compiled at 1"=40' scale from April, 2009 Aerial Photography. Parcels compiled to match the basemap; revisions are ongoing.

The information depicted on this map is for planning purposes only. It may not be adequate for legal boundary definition, regulatory interpretation, or property conveyance purposes. Utility structures and underground utility locations are approximate and require field verification.

THE TOWN OF AMHERST MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, OR SUITABILITY OF THESE DATA. THE TOWN OF AMHERST DOES NOT ASSUME ANY LIABILITY ASSOCIATED WITH THE USE OR MISUSE OF THIS INFORMATION.

1" = 30 ft







- | | |
|---------------------------|------------------------|
| Property Map | Parking |
| Property Lines | Parking Paved |
| Hydrographic Property | Parking Unpaved |
| Right of Way Line | Driveways |
| Town Boundary | Driveway Paved |
| Easements | Driveway Unpaved |
| Topography | Sidewalks |
| Elevations | Transportation |
| Elevation Contours | Paved street polygons |
| Intermediate | Unpaved street polyg |
| Index | Bridges |
| Basemap | Bridge decking and str |
| Trails | Foot Bridge |
| Rail Lines | Rail Bridge |
| Structures | Streets |
| Building | Local Roads |
| Foundation or in cons | Major Roads |
| Outbuilding or Miscell | State Routes |
| Deck, Porch, Stairs or | MHD Roads |
| Mobile home, Trailer | Limited Access Highw |
| Swimming Pool | Multi-lane Hwy, nct II |
| Building Ruins | Other Numbered High |
| Water storage tank | Major Road, Collector |
| Rivers and Streams | Minor Road, Arterial |
| Streams | |
| Major Culverts | |
| Hydro Connector | |
| Headwalls, Floodwalls | |
| Water Bodies | |
| Dams | |
| Rivers, Ponds & Rese | |
| Retention ponds/Floo | |
| Wetland | |
| Forested Wetland | |

Horizontal Datum: MA Stateplane Coordinate System, Zone 4151, Datum NAD83, Feet
 Vertical Datum: NAVD88, Feet

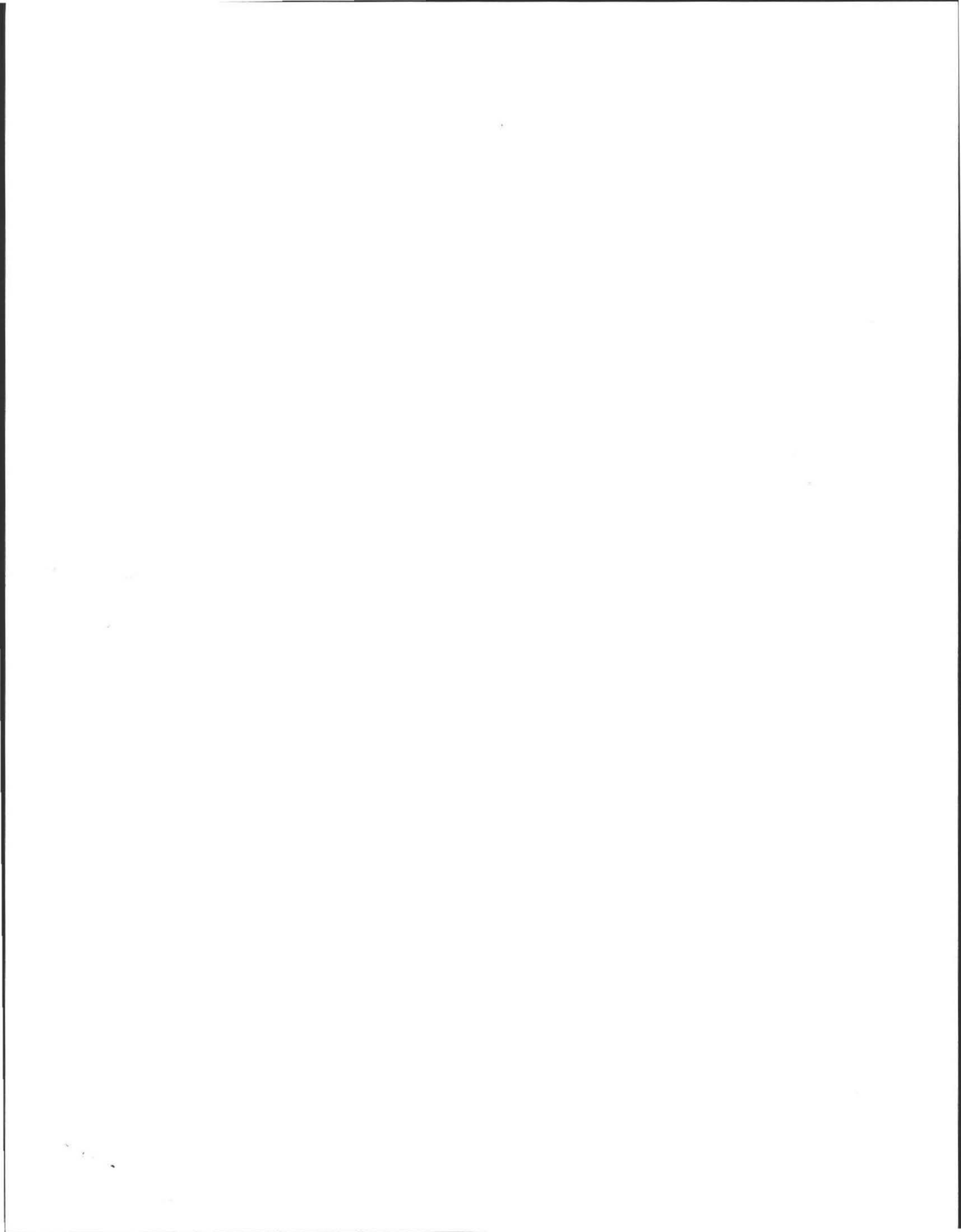
Planimetric & topographic basemap features compiled at 1"=40' scale from April, 2009 Aerial Photography. Parcels compiled to match the basemap; revisions are ongoing.

The information depicted on this map is for planning purposes only. It may not be adequate for legal boundary definition, regulatory interpretation, or property conveyance purposes. Utility structures and underground utility locations are approximate and require field verification.

THE TOWN OF AMHERST MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE ACCURACY, COMPLETENESS, RELIABILITY, OR SUITABILITY OF THESE DATA. THE TOWN OF AMHERST DOES NOT ASSUME ANY LIABILITY ASSOCIATED WITH THE USE OR MISUSE OF THIS INFORMATION.

1" = 100 ft







- Property Map**
 - Property Lines
 - Property Line
 - Hydrographic Pipenet
 - Right of Way Line
 - Town Boundary
 - Easements
- Topography**
 - Elevations
 - Elevation Contours
 - Intermediate
 - Index
- Basemap**
 - Trails
 - Local Roads
 - Major Roads
 - State Routes
 - Streets
 - Major Routes
 - State Routes
 - Foundations or in one
 - MHD Roads
 - Limited Access Highw
 - Multi-lane Hwy, 100 ft
 - Minor Road/High
 - Mobile home, Trailer
 - Major Road/High
 - Minor Road, Arterial
 - Minor Road, Arterial
 - Water storage tank
 - Rivers and Streams
 - Water Storage
 - Major Canals
 - Hydro Connector
 - Headworks, Floodwalls
 - Dams
 - Rivers, Ponds & Rese
 - Retention ponds/Flo
 - Wetland
 - Forested Wetland
- Parking**
 - Parking Paved
 - Parking Unpaved
- Driveways**
 - Driveway Paved
 - Driveway Unpaved
- Subwalks**
 - Subwalk
- Transportation**
 - Paved street, polyg
 - Unpaved street, polyg
- Bridges**
 - Bridge decking and str
 - Foot Bridge
 - Rail Bridge



Horizontal Datum: MA Stateplane Coordinate System,
 Zone 4151, Datum NAD83, Feet
 Vertical Datum: NAVD83, Feet

Planimetric & topographic basemap features compiled
 at 1"=40' scale from April, 2009 Aerial Photography.
 Parcels compiled to match the basemap;
 revisions are ongoing.

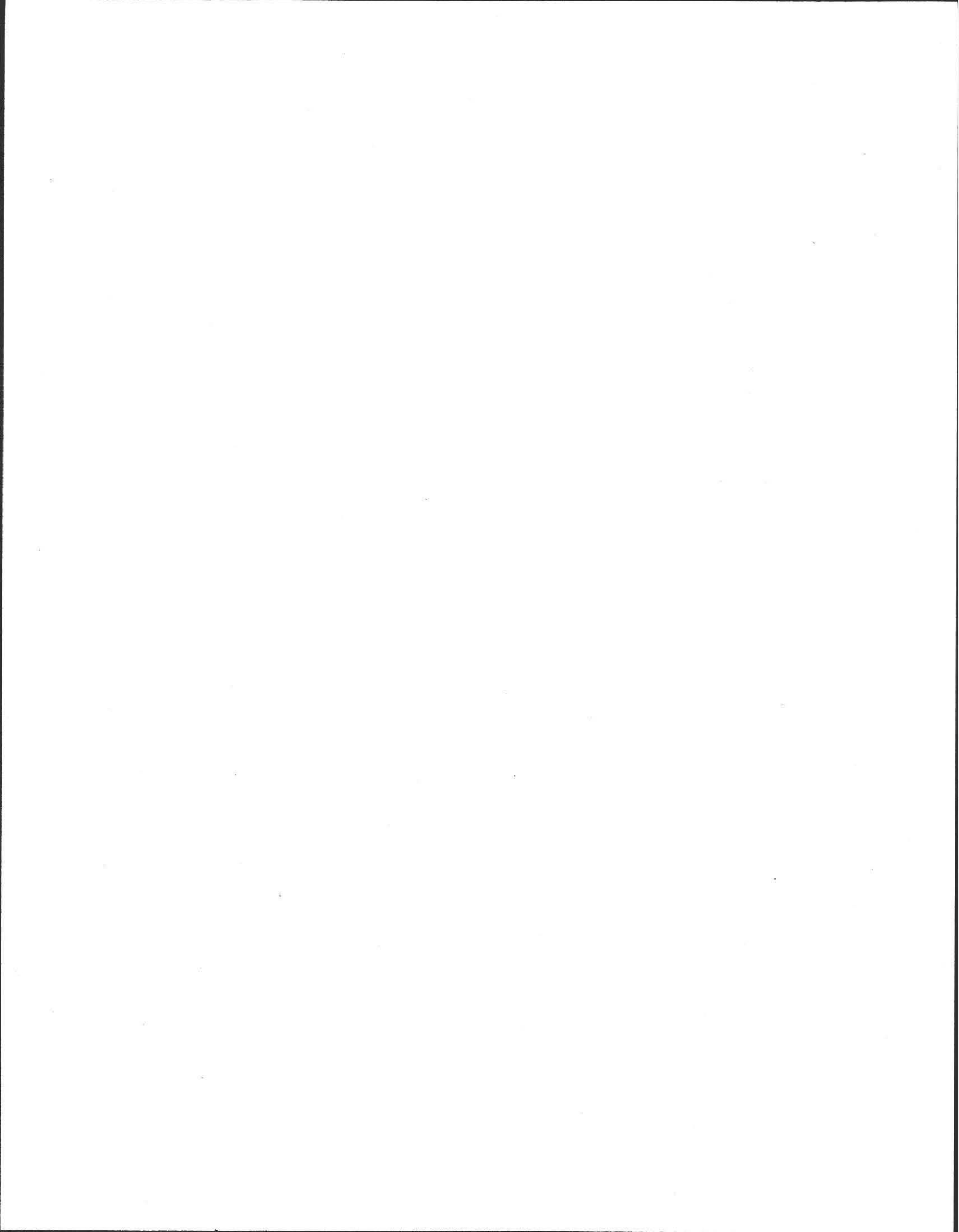
The information depicted on this map is for planning
 purposes only. It may not be adequate for legal boundary
 determination or other engineering or regulatory
 purposes. Utility structures and underground utility
 locations are approximate and require field verification.

THE TOWN OF AMHERST MAKES NO WARRANTIES,
 EXPRESSED OR IMPLIED, CONCERNING THE
 ACCURACY,
 COMPLETENESS, RELIABILITY, OR SUITABILITY OF
 THESE DATA. THE TOWN OF AMHERST DOES NOT
 ASSUME ANY LIABILITY ASSOCIATED WITH THE
 USE OR MISUSE OF THIS INFORMATION.

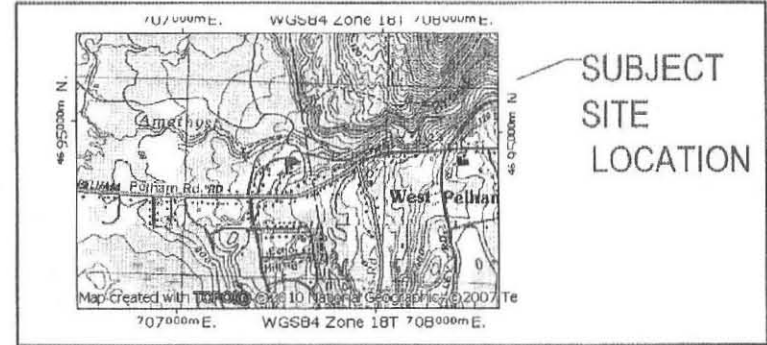
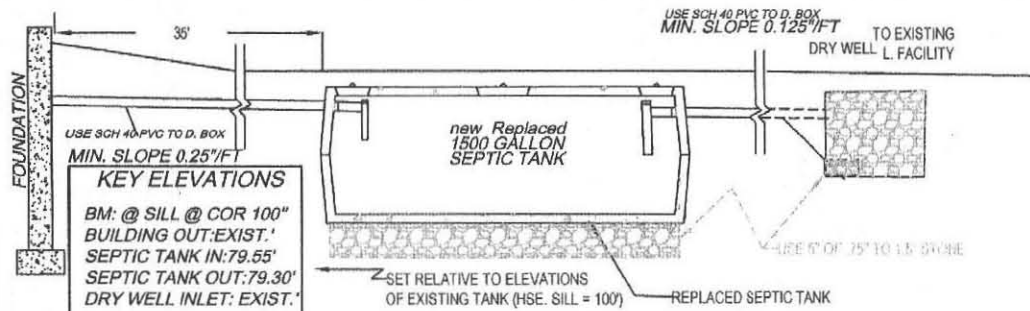


1" = 100 ft

Amherst GIS Viewer November 28, 2011



EFFLUENT DISPOSAL SYSTEM (CROSS SECTION - NOT TO SCALE)

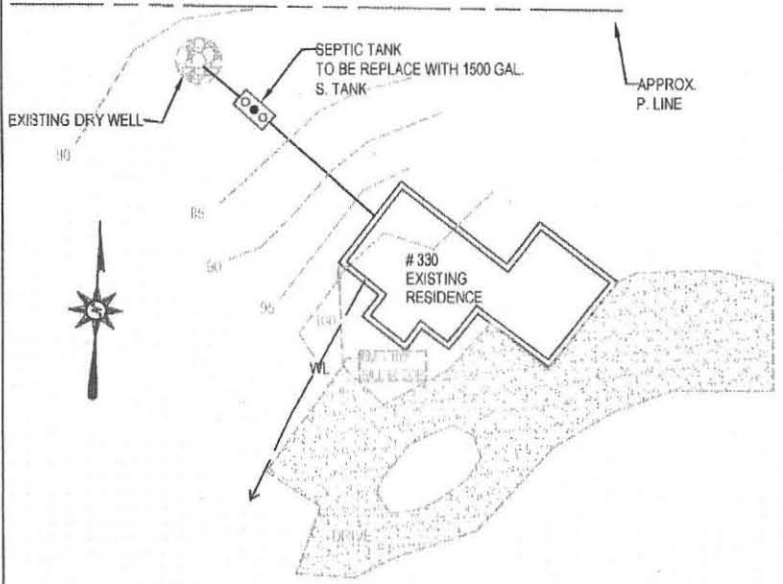
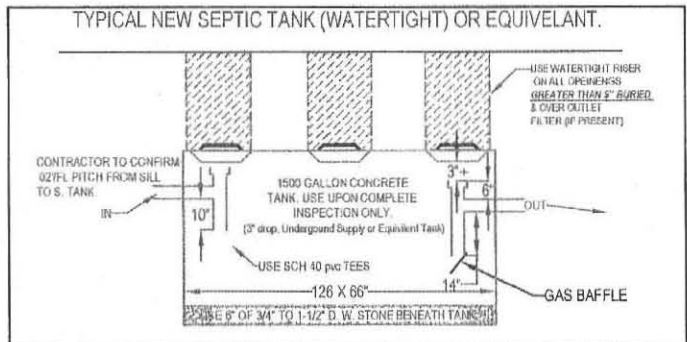
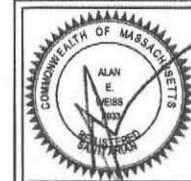


3.45 AC.
330 PELHAM ROAD
1" = 30'

NOTE TO INSTALLER:
LOCATE AND ESTABLISH L. AREA AS FUNCTIONING FIRST, IF FAILED, CONTACT DESIGNER IMMEDIATELY, STOP TANK INSTALL. PLAN, OTHERWISE PROCEED WITH:
1. Pump, crush and remove old component.
2. Install new S. tank as noted on plan as per 310 CMR 15.00, with proper Sch 40 tees and gas baffle or outlet filter.
3. Contact Designer and local Health official for proper inspection prior to backfill.

NOTE: NO GAURANTEE OF LEGNTH OF FUNCTION OF L. FIELD IS ADDRESSED. FIELD FOUND FUNCTIONAL AT TIME OF COMPONENT CHANGEOUT.

NOTE: NOT A SURVEY FOR SEPTIC LOCATION ONLY: NO PROPERTY LINES WITHIN 15 FT OF PROPOSED TANK REPLACEMENT

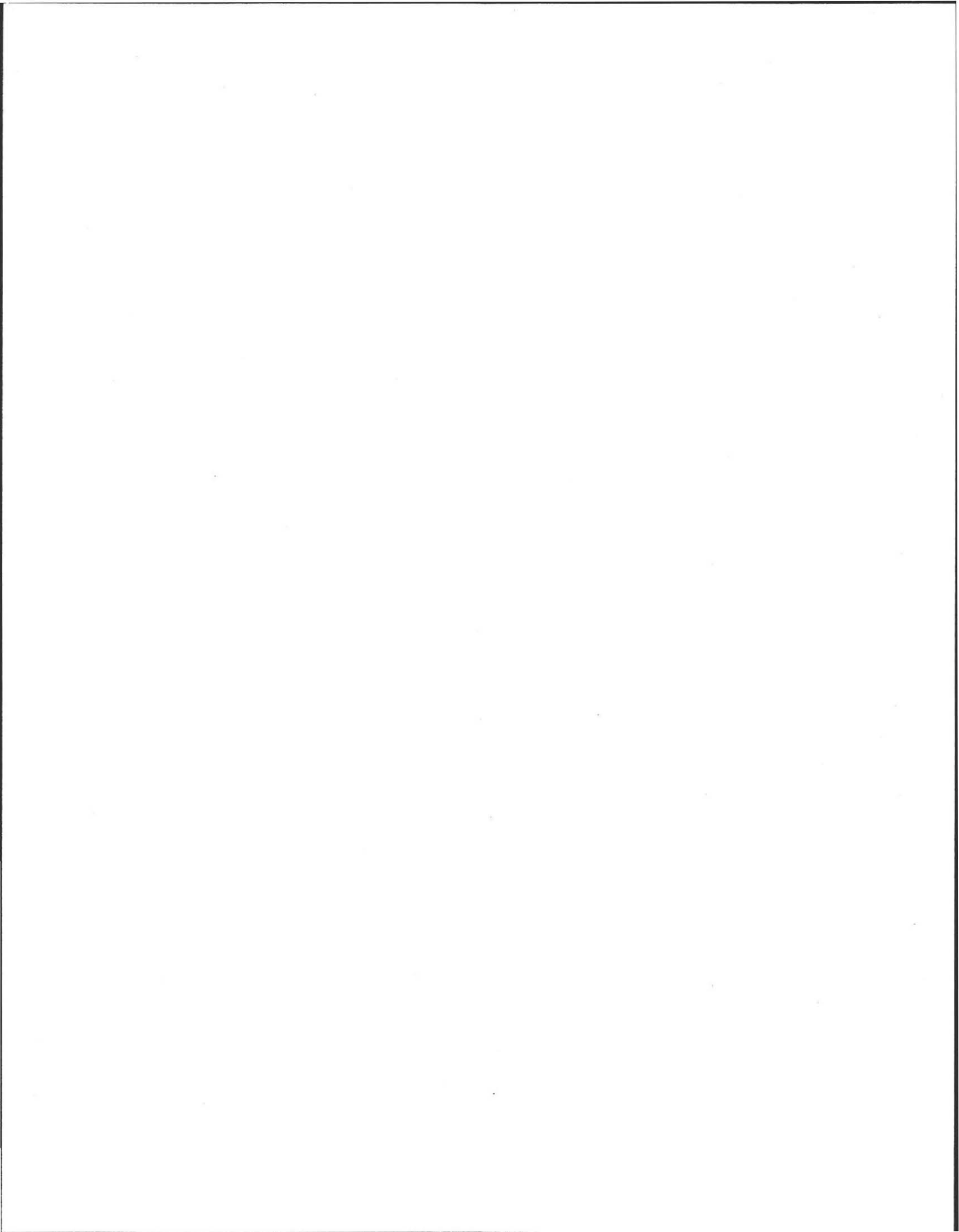


SEPTIC TANK & D. BOX REPLACEMENT PLAN FOR JAMES PADDOCK
330 PELHAM ROAD
AMHERST, MA

Cold Spring Environmental Consultants Inc.
350 Old Enfield Road
Belchertown, MA. 01007

PAFO.MC. (413) 323-5957
SE-EX. (413) 323-4916
e-Mail: ALWEISS@charter.net

DATE: 11.28.2011	DRAWN BY: ALAN WEISS	REVISED:
SCALE: 1"=30'		DRAWING NUMBER: 111-3793-1107



No. _____

COMMONWEALTH OF MASSACHUSETTS

Board of Health, Amherst, MA.

APPLICATION FOR DISPOSAL SYSTEM CONSTRUCTION PERMIT



Application for a Permit to Construct () Repair () Upgrade () Abandon () - Complete System Individual Component

Location	<u>330 Pelham Rd.</u>	Owner's Name	<u>James Paddock</u>
Map/Parcel#	<u>15B/12</u>	Address	<u>244 Locks Village Rd, Wendell</u>
Lot#	<u>12</u>	Telephone#	<u>978-544-6461</u>
Installer's Name	<u>Karl's Site Work</u>	Designer's Name	<u>Alan Weiss, RS</u>
Address	<u>Hadley, MA.</u>	Address	<u>Beldene Ave., MA.</u>
Telephone#	<u>544-5376</u>	Telephone#	<u>413 323-5952</u>

Type of Building Residence Lot Size 3.45 ^{1/2} 11 sq. ft.
 Dwelling - No. of Bedrooms 4 Bdr (Actual) Garbage grinder No
 Other - Type of Building _____ No. of persons _____ Showers (), Cafeteria ()
 Other Fixtures _____
 Design Flow (min. required) _____ gpd Calculated design flow _____ Design flow provided _____ gpd
 Plan: Date 11/28/11 Number of sheets _____ Revision Date _____
 Title Septic Tank Replacement Plan.
 Description of Soil(s) Class C
 Soil Evaluator Form No. _____ Name of Soil Evaluator _____ Date of Evaluation _____

DESCRIPTION OF REPAIRS OR ALTERATIONS Septic Tank

The undersigned agrees to install the above described Individual Sewage Disposal System in accordance with the provisions of TITLE 5 and further agrees to not to place the system in operation until a Certificate of Compliance has been issued by the Board of Health.

Signed AW Date 11/28/11
for J. Paddock

Inspections _____

No. _____

COMMONWEALTH OF MASSACHUSETTS

Board of Health, _____, MA.

CERTIFICATE OF COMPLIANCE

Description of Work: Individual Component(s) Complete System

The undersigned hereby certify that the Sewage Disposal System; Constructed () Repaired (), Upgraded (), Abandoned ()
 by _____
 at _____
 has been installed in accordance with the provisions of 310 CMR 15.00 (Title 5) and the approved design plans /as-built plans relating to
 application No. _____, dated _____, Approved Design Flow _____ (gpd)
 Installer _____
 Designer: _____ Inspector: _____ Date: _____
 The issuance of this permit shall not be construed as a guarantee that the system will function as designed.

No. _____

COMMONWEALTH OF MASSACHUSETTS

Board of Health, _____, MA.

DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permission is hereby granted to; Construct () Repair () Upgrade () Abandon () an individual sewage disposal system
 at _____ as described in the application for
 Disposal System Construction Permit No. _____, dated _____.

Provided: Construction shall be completed within three years of the date of this permit. All local conditions must be met.

