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INDX

ANNO

SCAN

LISA SMITH, COUNTY RECORDER
MADISON COUNTY IOWA

CHEK

**REAL ESTATE TRANSFER – GROUNDWATER HAZARD STATEMENT
TO BE COMPLETED BY TRANSFEROR**

TRANSFEROR:

Name JEREMY FERNANDEZ & ROBERT HOSFORD

Address 3359 - 135th Court Cumming Iowa 50061
Number and Street or RR City, Town or P.O. State Zip

TRANSFeree:

Name STEPHANIE L. MAINES

Address 6914 Comstock Road Spring Hill Tennessee 37174
Number and Street or RR City, Town or P.O. State Zip

Address of Property Transferred:
3359 - 135th Court Cumming Iowa 50061
Number and Street or RR City, Town or P.O. State Zip

Legal Description of Property: (Attach if necessary) _____
Lot 14 of Polo Pointe Plat 2 Subdivision, Madison County, Iowa

1. Wells (check one)

- There are no known wells situated on this property.
- There is a well or wells situated on this property. The type(s), location(s) and legal status are stated below or set forth on an attached separate sheet, as necessary.

2. Solid Waste Disposal (check one)

- There is no known solid waste disposal site on this property.
- There is a solid waste disposal site on this property and information related thereto is provided in Attachment # 1, attached to this document.

3. Hazardous Wastes (check one)

- There is no known hazardous waste on this property.
- There is hazardous waste on this property and information related thereto is provided in Attachment # 1, attached to this document.

4. Underground Storage Tanks (check one)

- There are no known underground storage tanks on this property. (Note exclusions such as small farm and residential motor fuel tanks, most heating oil tanks, cisterns and septic tanks, in instructions.)
- There is an underground storage tank on this property. The type(s), size(s) and any known substance(s) contained are listed below or on an attached separate sheet, as necessary.

5. Private Burial Site (check one)

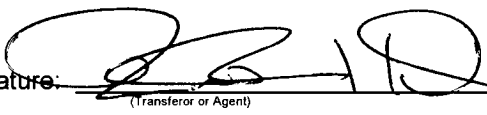
- There are no known private burial sites on this property.
- There is a private burial site on this property. The location(s) of the site(s) and known identifying information of the decedent(s) is stated below or on an attached separate sheet, as necessary.

6. Private Sewage Disposal System (check one)

- All buildings on this property are served by a public or semi-public sewage disposal system.
- This transaction does not involve the transfer of any building which has or is required by law to have a sewage disposal system.
- There is a building served by a private sewage disposal system on this property or a building without any lawful sewage disposal system. A certified inspector's report is attached which documents the condition of the private sewage disposal system and whether any modifications are required to conform to standards adopted by the Department of Natural Resources. A certified inspection report must be accompanied by this form when recording.
- There is a building served by a private sewage disposal system on this property. Weather or other temporary physical conditions prevent the certified inspection of the private sewage disposal system from being conducted. The buyer has executed a binding acknowledgement with the county board of health to conduct a certified inspection of the private sewage disposal system at the earliest practicable time and to be responsible for any required modifications to the private sewage disposal system as identified by the certified inspection. A copy of the binding acknowledgement is attached to this form.
- There is a building served by private sewage disposal system on this property. The buyer has executed a binding acknowledgement with the county board of health to install a new private sewage disposal system on this property with an agreed-upon time period. A copy of the binding acknowledgement is provided with this form.
- There is a building served by private sewage disposal system on this property. The building to which the sewage disposal system is connected will be demolished without being occupied. The buyer has executed a binding acknowledgement with the county board of health to demolish the building within an agreed-upon time period. A copy of the binding acknowledgement is provided with this form. [Exemption #9]
- This property is exempt from the private sewage disposal inspection requirements pursuant to the following exemption [Note: for Exemption #9, use prior check box]: _____.
- The private sewage disposal system has been installed within the past two years pursuant to permit number _____.

Information required by statements checked above should be provided here or on separate sheets attached hereto:

I HEREBY DECLARE THAT I HAVE REVIEWED THE INSTRUCTIONS FOR THIS FORM AND THAT THE INFORMATION STATED ABOVE IS TRUE AND CORRECT.

Signature:  Telephone No.: 515) 822 4533
(Transferor or Agent)



Time of Transfer Inspection Report (DNR Form 542-0191)

Property information

Current owner Mathew Hosford

Buyer Realtor

Mailing address 3359 135th Ct, Cumming

Site Address/County 3359 135th Ct, Cumming Madison Co

Legal Description

No. of bedrooms 4 Last occupied? YES Records available

Permit/installation date Separation distances ok/ no?

Septic system information

Septic tank(s): size 2000 gal material Concrete condition working condition

Tank pumped? YES date 3/16/16 licensed pumper Forest Septic

Septic/trash/processing tank: size material condition

Tank pumped? date licensed pumper

Aerobic treatment unit (ATU) mfr size

Tank pumped? date licensed pumper

Maintenance contract? expiration date service provider

Condition

Pump tanks/vaults: type size condition

Distribution system: distribution box Plastic outlets used 5 condition working condition

Header pipe(s) # of lines Pressure dosed?

Secondary treatment:

length of absorption fields 5x100ft=500ft determined by County record/probe

condition of fields working condition determined by hydraulic load test/probe

type of trench material 36" Chambers

Size of sand filter determined by

Vent pipes above grade? discharge pipe located?

Effluent sample taken? Results

Media filters: type

Maintenance contract? expiration date service provider

Condition

NPDES General Permit No. 4: required? permitted? NOI provided



Time of Transfer Inspection Report

Other components:

Alarms _____ Working? _____ disinfection _____ working? _____

Control box _____ Timers _____ inspection ports _____

Other components _____

Overall condition of the private sewage disposal system

Report system status _____

Explain (attach additional pages as needed): All waste water goes from house to septic. 2000 gal concrete tank with risers and outlet filter in working condition. Plastic distribution box in working condition. Hydraulic load tested the 5x100ft=500ft 36" chambers with 400 gal water. All chambers took water and probed dry and clean

Site status at conclusion of Time of Transfer inspection:

- Verify that controls are set on the appropriate mode.
- Power is on to all components.
- Revisit all components to verify lids are secure.
- Gather all tools for removal from the site.
- Verify that no sewage is on the ground surface.

Using this worksheet, write a narrative report of the inspection results and attach a site sketch.

This report indicates the condition of the private sewage disposal system at the time of the inspection. It does not guarantee that it will continue to function satisfactorily.

Signature of Certified inspector: Rick Rogers Date: 11/9/18
 Name (print): Rick Rogers Certificate #: 9597
 Address: 401 NE 52nd Ave, Des Moines, IA 50313
 Phone #: 515-745-8352

Provide a copy of this report, the narrative report and sketch to the seller/agent, buyer/agent or the person ordering the inspection, the county sanitarian/environmental health office, and to;

Iowa DNR
Private Sewage Disposal Program
502 E. 9th St.
Des Moines, IA 50319

Madison County
Office of Zoning and
Environmental Health

**Authorization to Construct a
Private On-site Wastewater
Treatment System (POWTS)**

112 N. John Wayne Drive
P.O. Box 152
Winterset, IA 50273-0152
Telephone: (515) 462-2636

Permit Number: 055-03

Date Issued: May 30, 2003

Issued to: Emmet Brody
Address: 420 - 47th Street
W Des Moines, Iowa 50265

3359 135th Ct.
PID# 071012400240000

Legal Description: Lot 14 Polo Point Section 24 T77 R26 Lee Twp

POWTS Components Specifications: 2000 gal septic tank - 36" Chamber 5 @ 100'. Maximum Trench Depth 12"

General Conditions:

1. System must be constructed in conformance with attached system layout, profiles, and cross-sections.
2. Structures must be constructed in conformance with 567 IAC Chapter 69 and the Madison County Environmental Health Regulations.
3. Permit shall be null and void if system is not constructed within one year of permit issuance. The Environmental Health Officer must approve any request for extension of permit.
4. The Environmental Health Officer must approve any design modifications to the permitted system prior to construction.
5. Once constructed, all system components must be uncovered for inspection and the system must be approved before it can be put into operation. Notice for inspection must be received with 24 hours in advance (8 a.m. through 4:30 p.m., Monday - Friday). If weather necessitates the need to cover the system components, then the system owner or contractor must notify and follow the procedures given by the Environmental Health Officer.

Special Conditions:



**Environmental Health Officer Assistant
Madison County
Office of Zoning and Environmental Health**

Application to Construct
Private On-Site Wastewater Treatment
System (POWTS)

Office Use Only <i>\$50 Annual fee</i>					Temp E911:		
Tracking No.	Date Received	Fee Paid	Date Issued	Date Inspected	Date Approved	Section/Township	NPDES Authorization #
<i>055-03</i>	<i>5-30-03</i>	<i>\$150</i>	<i>5-30-03</i>				

Application will not be accepted until site and soil analysis/percolation information, and two diagrams of the system layout, profiles and cross-sections have been received; and fee has been paid. For systems requiring an NPDES General Permit #4 (surface discharge), its application must be submitted to this office and appropriate forms recorded before a permit will be issued.

Please Print All Information.

1. Owner Information (Applicant)				2. Contractor Information			
First Name		Last Name		First Name		Last Name	
<i>Ernest</i>		<i>Brody</i>		<i>Bob</i>		<i>Lee</i>	
Address				Address			
<i>420 47th St</i>				<i>L + D Trencher</i>			
City		State		City		State	
<i>W Dn</i>		<i>Iowa</i>		<i>2932 St 124th</i>		<i>IA</i>	
Zip		Zip		Phone Number (area code)		Phone Number (area code)	
<i>50265</i>		<i>50327</i>		<i>202-3945</i>		<i>966 2456</i>	
Fax or E-mail		Cell Phone		Fax or E-mail		Cell Phone	
<i>515-226-1755</i>		<i>515-202 8541</i>		<i>202-3945</i>		<i>966 2456</i>	

3. System Requirement Information				4. Site and Soil Evaluator (Percolation Test)			
IAC CHAPTER 69 DOUBLE COMPARTMENT TANK REQUIRED				PERCOLATION TEST MUST BE COMPLETED AND APPROVED PRIOR TO THE ISSUANCE OF PERMIT			
		Minimum Tank Size Required		Date test taken <i>4/15</i>		Test taken by <i>JAMES CARROLL</i>	
1-3 Bedroom		1000		Test Results: Hole 1		min/in Hole 2	
<i>4 Bedroom</i>		<i>1250</i>		Hole 3		min/in Hole 4	
5 Bedroom		1500		Average		min/in Depth of Test Holes	
6 Bedroom		1750		Number of Laterals Required		<i>4</i>	
<i>Jim Carroll 250 2103</i>				Length of Laterals Required <i>100'</i> ft. ea			

5. Type of Submittal		6. Address Information	
<input checked="" type="checkbox"/> New <input type="checkbox"/> Revision <input type="checkbox"/> Repair, Tank <input type="checkbox"/> Repair, Treatment Area <input type="checkbox"/> System Replacement		Location, Number & Street of project (if unknown, indicate nearest road): <i>135th</i> Legal Description: <i>Lot 14 Polo Pointe Plat 2</i>	

7. Type of Building (Completed by Owner)			
<input type="checkbox"/> Residential		Number of Bedrooms: <i>4</i>	
<input type="checkbox"/> Commercial/Other Non-Residential		Use:	
Other buildings served by this system:		<input checked="" type="checkbox"/> Garbage Disposal <input checked="" type="checkbox"/> High Water Usage Appliance (i.e. whirlpool bath, water softener) Qty: <i>2</i>	
<i>NO</i>			

Your contractor or system designer should complete the remaining portion of this application.

8. Primary and/or Mechanical Treatment		Type: <i>Concrete</i>	Manufacturer: <i>Kister Concrete</i>	Model: _____	Size (gal): <i>2000</i>
9. Pump/Siphon		Type: _____	Manufacturer: _____	Model: _____	Dosing Frequency: _____
<input type="checkbox"/> Not Applicable					

10. Secondary Treatment Area Type: <input type="checkbox"/> Not Applicable					
Type of Laterals	Number of Laterals	Length of ea. Lateral	Other	Other	Maximum Trench Depth (inches)
<i>Chamber 36"</i>	<i>5</i>	<i>100</i>			<i>18" 12"</i>

I hereby attest the truth and accuracy of all facts and information presented on this application. Request for inspection of the system must be made 24 hours in advance. Water at the site to test the distribution box must be available. Mechanical systems require use of a free-access sand filter and must be covered by a maintenance agreement, which must be recorded in the Madison County Recorders Office. Discharge from mechanical systems and sand filters require periodic testing as set forth in IAC Chapter 69 and the results submitted to BOH.

It is unlawful to start construction, reconstruction, or repair of any POWTS prior to issuance of a POWTS permit by the Environmental Health Officer.

Applicant Signature:	Date:
<i>Ernest Brody</i>	<i>5/28/03</i>

Asked about water in creeks Ponds Wells or lines underground

ONSITE WASTEWATER SITE EVALUATION FOR SEPTIC SYSTEM

OWNER NAME: Ernest Brody PROPERTY ADDRESS: Lot 14 Polo Point Plat 2
 OWNER ADDRESS: 420 47 St

REPORT # 584

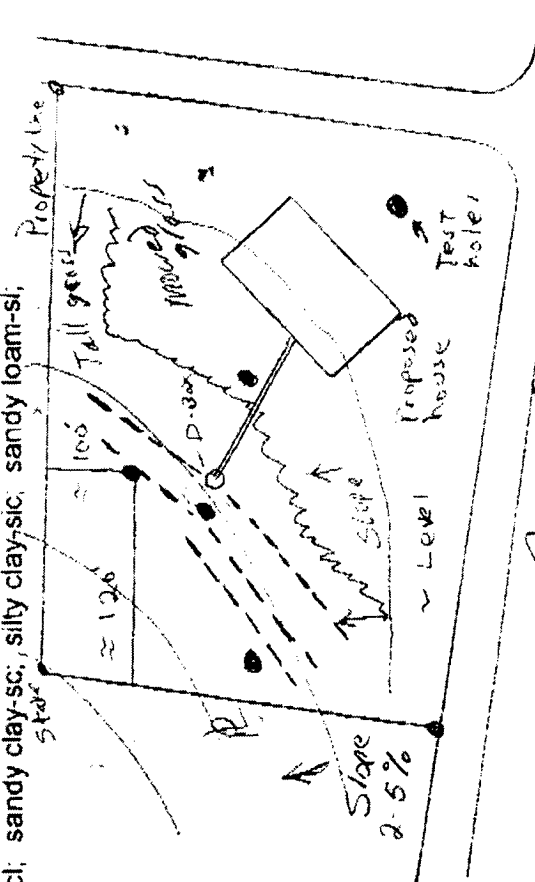
PHONE # 223-0903 LOT SIZE: 3 acres
 NO. BEDROOMS: 4 DESIGN FLOW 600 gallons
 BUILDER: Brody Construction PLUMBER:
 LEGAL DESCRIPTION: Madison County STRUCTURE NEW EXISTING

THE TREATMENT SITE SHALL BE PROTECTED FROM ANY AND ALL TRAFFIC, AND ANY SOIL DISTURBANCES. DISTURBING THE TREATMENT SITE SHALL VOID THIS RECOMMENDATION.

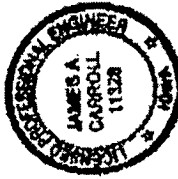
Abbreviations: silty loam-sil; silty clay loam-scl; clay loam-cl; sandy clay loam-scl; sandy clay-sic; silty clay-sic; sandy loam-sil; structure-str; moderate-mod; 1 5-holes about same 2

1	Dark Brown silty clay loam
2	Yellow Brown silty mod. str.
3	few gray Dry
4	silt Black mod. str.
5	STOP
6	

Notes: Place D-Box in center of lateral laterals 100 feet in both directions. This is to spread out the effluent. Space laterals minimum 15 apart



I RECOMMEND AN EFFLUENT FILTER WITH ALL SYSTEMS. Revised 5-29-03 Jim Carroll



SOIL LOADING RATE 0.4 gpcfl. BASED ON SURFACE AREA OF TRENCH BOTTOM.
 WATER TABLE AT 4 FEET 2-FOOT WIDE TRENCH - FEET
 MAXIMUM DEPTH OF TRENCH 12 INCHES 3-FOOT WIDE TRENCH 500 FEET.
 EQUALIZER 24 REQUIRES - FEET.

James A. Carroll
 JAMES A. CARROLL, P.E.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA. DATE 4-15-03 REG. NO. 11328 MY LICENSE RENEWAL DATE IS DECEMBER 31, 2003. PAGES WITH THIS REPORT 1

The analyses and recommendations in this report are based in part upon the data obtained from the soil tests performed at the indicated locations, the SCS County Soil Survey book, onsite inspection, and the soil textural class was determined by the "Feel Method". This report does not reflect any variations, which may occur between borings or across the site. The nature and extent of such variations may not become evident until construction. If variations then appear evident, it will be necessary to reevaluate the recommendations of this report.

In the event that any changes in the design, nature, or location of the project as outlined in this report occur, the data and recommendations contained in this report shall not be considered valid unless the changes are reviewed and verified in writing by James A. Carroll, P.E.

ONSITE WASTEWATER SITE EVALUATION FOR SEPTIC SYSTEM

REPORT # 584

OWNER NAME: Ernest Brody PROPERTY ADDRESS: _____

OWNER ADDRESS: 420 47 St

PHONE # 223-0803 LOT SIZE: 3 acres LEGAL DESCRIPTION: Lot 14 Polo Point Plat 2

NO. BEDROOMS: 4 DESIGN FLOW 600 gallons MADISON COUNTY

BUILDER: Brody Construction PLUMBER: _____ STRUCTURE NEW EXISTING

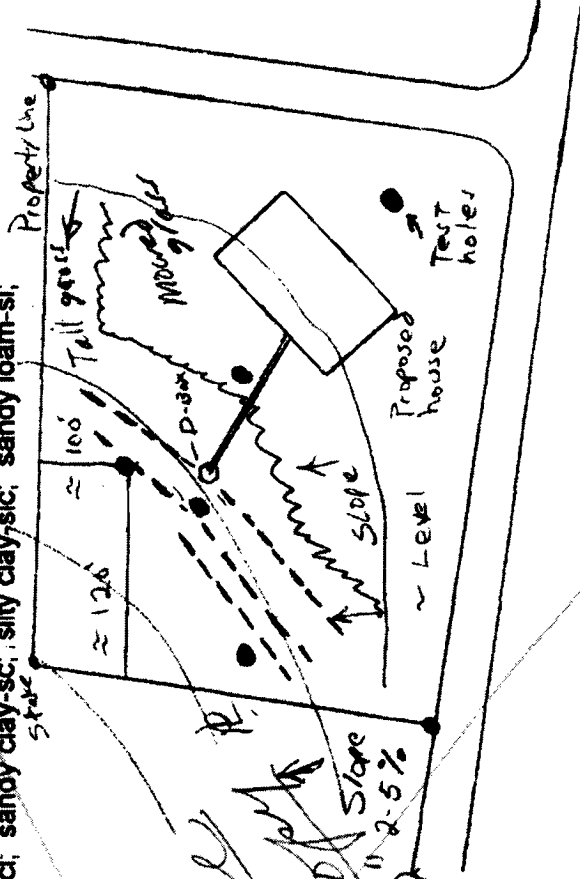
THE TREATMENT SITE SHALL BE PROTECTED FROM ANY AND ALL TRAFFIC, AND ANY SOIL DISTURBANCES. DISTURBING THE TREATMENT SITE SHALL VOID THIS RECOMMENDATION.

Abbreviations: silty loam-sil; silty clay loam-sil; clay loam-d; sandy clay loam-sil; sandy clay-sil; silty clay-sil; sandy loam-sil; structure-str; moderate-mod;

1 5-holes about same 2

1	Dark Brown Silty Clay loam
2	Yellow Brown Silty mod. str.
3	few gray's Dry
4	Silt mod. str. Black
5	STOP
6	

Notes: Place D-Box in center of lateral Field and place laterals 100 feet in both directions This is to spread out the effluent of 120 gpd at 2-5% slope



I RECOMMEND AN EFFLUENT FILTER WITH ALL SYSTEMS.



SOIL LOADING RATE 0.4 gpd.
 WATER TABLE AT 4 FEET
 MAXIMUM DEPTH OF TRENCH 18 INCHES

BASED ON SURFACE AREA OF TRENCH BOTTOM.
 2-FOOT WIDE TRENCH -- FEET
 3-FOOT WIDE TRENCH 500 FEET.
 EQUALIZER 24 REQUIRES -- FEET.

James A. Carroll

JAMES A. CARROLL, P.E.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA. DATE: 4-15-03 REG. NO. 11328. MY LICENSE RENEWAL DATE IS DECEMBER 31, 2003.

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In the event that any changes in the design, nature, or location of the project as outlined in this report occur, the data and recommendations contained in this report shall not be considered valid unless the changes are reviewed and verified in writing by James A. Carroll, P.E..

James A. Carroll, PE
1549 NW 92nd
Clive, Iowa
515-225-3846

September 5, 2003

Elton Root
Madison County Sanitarian

RE: Lot 14 Polo Point, 3359 135th.

Dear Elton,

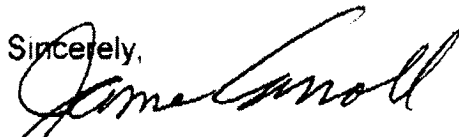
I received a phone call from Bob Lee, the contractor installing the septic system concerning the placement of the laterals at the above shown address. Bob stated that there are several places along some of the lateral lines that will exceed the maximum depth I listed in my report. The reason is the soil surface is not constant in all places. There is no way to layout the laterals without certain portions along some of the lines up to 24-inches deep.

In my report dated 4-15-03 I listed water table at 4-feet. I sometimes use water table and confining layer interchangeably. The reason I called 4-feet was that the soils are showing few gray mottles at this depth. I do not believe that there is a water table at this depth however the water is moving very slowly through the soils at this depth. This is one of the reasons I required that the laterals be spaced at 15-feet apart or greater, and that the laterals run in both directions along the slope.

I believe that placing parts of a lateral line up to 24-inches deep will not impact the performance of the system.

Please call me if there are any questions.

Sincerely,



James A. Carroll, PE

Permit No 055-03

Name: Emmet Brody

Date of Inspection: 9-4-03

Inspected by: Jean Thompson

Contractor: Bob Lee

Dwelling under construction or moved in Yes No

Setbacks

Meets required setbacks.

- Rural Water Yes No
- Private wells/Groundwater heat pump bore holes/suction water lines/lakes
 - Outside required 50-foot setback for tank Yes No
 - Outside required 100-foot setback for laterals Yes No
- Streams/ponds (25-25 ft)-ditches (10-10 ft) Yes No
- Indications of water lines under pressure Yes No

Building Sewer

- Clean outs – one right outside of house Yes No
- location of cleanout inside house and set requirement
- Pipe is sch 40 and has a 4-inch diameter. Yes No
- Grade – has adequate fall. Yes No

Tank

- Tank. Manufacture Pella Concrete Plastic
- Capacity 1500 (first tank) & 500 (second tank) -gallon
- Two compartments, both meet the specifications for capacity. Yes No
- Baffle Yes No
- Inlet/Outlet tees are ok. Yes No
- Effluent filter in the outlet. Yes No Manuf. Polly Lock
- Tank depth. Less than 12"
- Risers Yes No
- Risers at grade screwed on Yes No Will be

Comments: risers at grade

Distribution Box

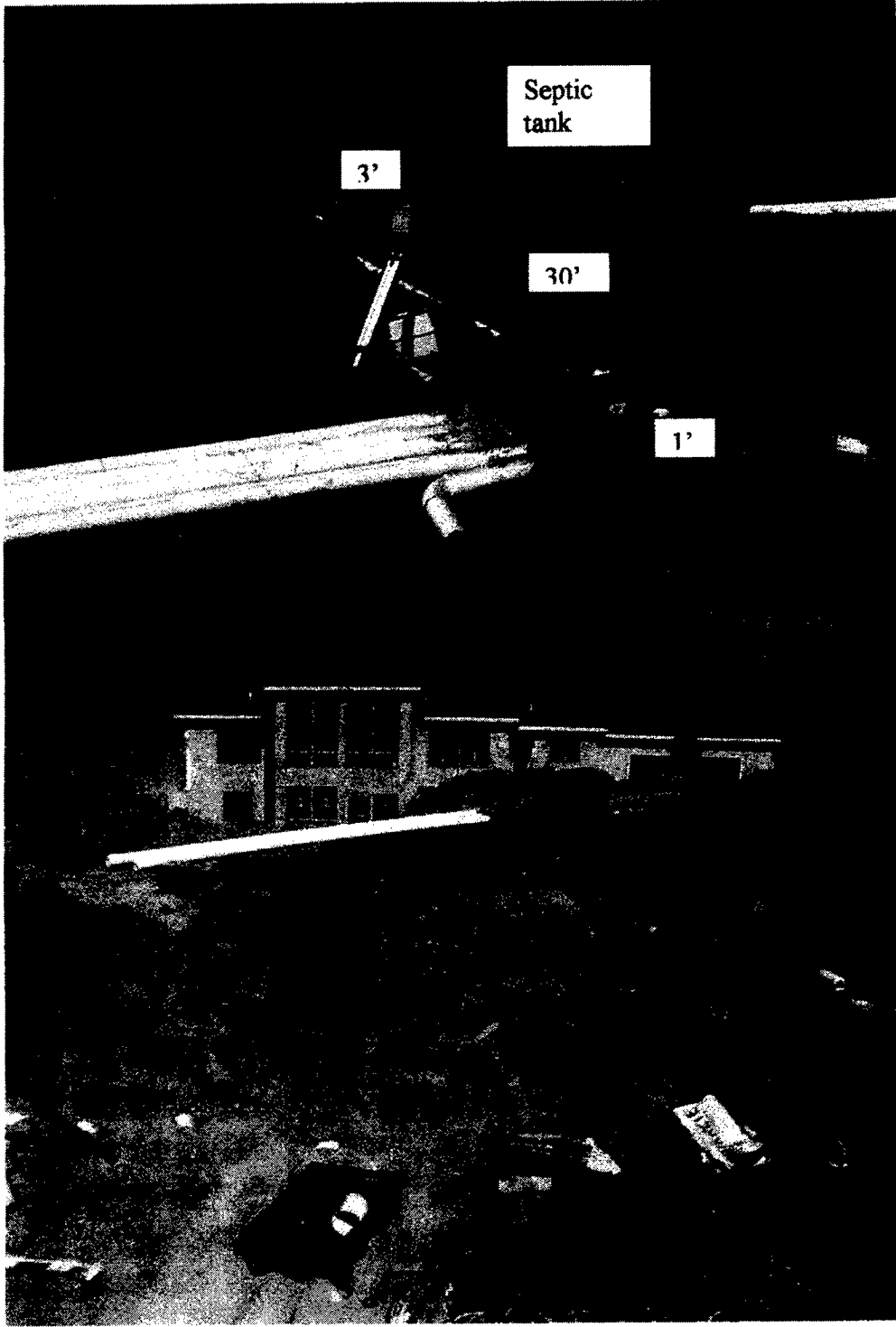
- Brand Tuf-Tite Other _____
- Bedded in cement. Yes No Will be _____
- Has required inlet baffle. Yes No Will be _____
- Outlet levels –are level. Yes No Unknown _____

Comments: levelers will be screwed in

Laterals

- Distribution lines: 4 -inch PVC pipe – 40 SDR.
- Distribution lines screwed to laterals. Yes Will be _____
- Lateral used. 36" chamber Reduction? Yes No
- Lateral depth 12 to 19 Perc depth inches
- Laterals were level. Yes No
- Adequate amount of undisturbed soil between laterals. Yes No
- Between 15 to 17 feet between laterals.

Comments: will put sand under all lines not on original ground. Laterals are all at 12 inches except 40 feet at end of #3 lateral (Left) and 10 foot on #1 lateral (left) which were at 19". The Engineer and Brent Parker (DNR) did not consider this a problem



Septic
tank

3'

30'

1'

