

Zonig



Minnesota Pollution Control Agency

520 Lafayette Road North  
St. Paul, MN 55155-4194

Compliance Inspection

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms. Additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

RECEIVED  
APR 28 2014  
ZONING

Rec'd 2018  
Completed 2014

Becker County Zoning

System Status

System status on date (mm/dd/yyyy): 4-29-2014

**Compliant – Certificate of Compliance**  
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

**Noncompliant – Notice of Noncompliance**  
(See Upgrade Requirements on page 3.)

Reason(s) for noncompliance (check all applicable)

- Impact on Public Health (Compliance Component #1) – Imminent threat to public health and safety
- Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety
- Tank Integrity (Compliance Component #2) – Failing to protect groundwater
- Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater
- Soil Separation (Compliance Component #4) – Failing to protect groundwater
- Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

Property Information

Parcel ID# or Sec/Twp/Range: 030583014

Property address: 30079 Oakland Dr.

Reason for inspection: Selling property

Property owner: Scott Nasal

Owner's phone: 847-1730

Owner's representative: \_\_\_\_\_

Representative phone: \_\_\_\_\_

Local regulatory authority: \_\_\_\_\_

Regulatory authority phone: \_\_\_\_\_

Brief system description: 1000 gal tank - Chamber installed

Comments or recommendations: System has not been used in a while - no way to check hydraulic functioning at time of inspection. System is 17 yrs old normal life expected is 20 to 30 yrs.

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

Inspector name: Daryl Szyba

Certification number: \_\_\_\_\_

Business name: \_\_\_\_\_

License number: 478

Inspector signature: Daryl Szyba

Phone number: \_\_\_\_\_

Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): \_\_\_\_\_

Property address: \_\_\_\_\_

Inspector initials/Date: \_\_\_\_\_  
(mm/dd/yyyy)

### 1. Impact on Public Health – Compliance component #1 of 5

**Compliance criteria:**

System discharges sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Any "yes" answer above indicates the system is an imminent threat to public health and safety.**

**Comments/Explanation:**

*Homeowner stated seepage has never backed up in house or came out of ground*

**Verification method(s):**

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- "Black soil" above soil dispersal system
- System requires "emergency" pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

### 2. Tank Integrity – Compliance component #2 of 5

**Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, or leaching pit. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Any "yes" answer above indicates the system is failing to protect groundwater.**

**Comments/Explanation:**

**Verification method(s):**

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for "black soil"
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

### 3. Other Compliance Conditions – Compliance component #3 of 5

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound.  Yes\*  No  Unknown
- b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety.  Yes\*  No  Unknown  
**\*System is an imminent threat to public health and safety.**

**Explain:**

- c. System is non-protective of ground water for other conditions as determined by inspector.  Yes\*  No  
**\*System is failing to protect groundwater.**

**Explain:**

erty address: \_\_\_\_\_

Inspector initials/Date: \_\_\_\_\_

(mm/dd/yyyy)

#### 4. Soil Separation – Compliance component #4 of 5

Date of installation: 2001  Unknown  
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

**Compliance criteria:**

For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:  Yes  No

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:  Yes  No

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.\*

"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080.2350 or 7080.2400 (Advanced Inspector License required))  Yes  No

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

**Verification method(s):**

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach boring logs)
- Two previous verifications (Attach boring logs)
- Not applicable (Holding tank(s), no drainfield)
- Unable to verify (See Comments/Explanation)
- Other (See Comments/Explanation)

**Comments/Explanation:**

**Indicate depths or elevations**

A. Bottom of distribution media	24"
B. Periodically saturated soil/bedrock	60"
C. System separation	36"
D. Required compliance separation*	36"

\*May be reduced up to 15 percent if allowed by Local Ordinance.

**Any "no" answer above indicates the system is failing to protect groundwater.**

#### 5. Operating Permit and Nitrogen BMP\* – Compliance component #5 of 5

Not applicable

Is the system operated under an Operating Permit?  Yes  No If "yes", A below is required

Is the system required to employ a Nitrogen BMP?  Yes  No If "yes", B below is required

BMP = Best Management Practice(s) specified in the system design

**If the answer to both questions is "no", this section does not need to be completed.**

**Compliance criteria**

- a. Operating Permit number: \_\_\_\_\_  
Have the Operating Permit requirements been met?  Yes  No
- b. Is the required nitrogen BMP in place and properly functioning?  Yes  No

**Any "no" answer indicates Noncompliance.**

**Upgrade Requirements (Minn. Stat. § 115.55)** An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

see attached drawing and boring logs

Inspection does not imply or guarantee  
future hydraulic functioning, only what  
conditions were found on date of inspection,

**PERMIT MUST BE  
POSTED AT THE  
CONSTRUCTION SITE**

Becker County Planning & Zoning  
835 Lake Ave, P O Box 787  
Detroit Lakes, MN 56502-0787  
Phone (218)-846-7314; Fax (218)-846-7266

Onsite Septic System Site Evaluation/Design Tax Parcel Number 030583014 911 Address \_\_\_\_\_

Legal Description: Lot 4 Block 5 Hidden Hills 2<sup>nd</sup> Add Section 5 TWP 138 Range 4D

Lake Name \_\_\_\_\_ Lake Classification \_\_\_\_\_ Township Name Burlington

Owner's Name Scott Nosal Address Hidden Hills, Detroit Lakes

City Detroit Lakes State/Zip 56501 Phone Number 847-7999

Number of Bedrooms 4  
Design Flow 600 GPD

Well Casing Depth None/Not  
Depth of other Wells within  
100 ft of system \_\_\_\_\_

Garbage Disposal (Yes)  (No)   
Grinder Pump/Lift Station  
In House (Yes)  (No)

Type of Observation: Probe Pit  Boring  
Original Soil (Yes) (No) Compacted Soil (Yes) (No)  
Depth to Restricting Layer 7'  
Maximum of Depth of System 4'  
Perc Rate 26 Soil Sizing Factor 1.67

Proposed Design  
 Replace Septic Tank  
 Septic Tank/Drainfield  
 Drainfield Only  
 Holding Tank  
 Lift Station

Type of Drainfield  
 Standard (gravelless/chamber)  
 Standard (rock depth \_\_\_\_\_)  
 Standard Bed  
 Mound  At Grade  
 Pressurized Bed

**SOIL BORING LOG**

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
0-6	Silt	Black	BLOCKY PLATY PRISMATIC NONE
6-14	Sandy loam	10yr 4/4	BLOCKY PLATY PRISMATIC NONE
14-72	loam	10yr 5/4	BLOCKY PLATY PRISMATIC NONE
			BLOCKY PLATY PRISMATIC NONE

**SOIL BORING LOG**

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
0-6	Silt	Black	BLOCKY PLATY PRISMATIC NONE
6-16	Sandy loam	10yr 4/4	BLOCKY PLATY PRISMATIC NONE
16-72	loam	10yr 5/4	BLOCKY PLATY PRISMATIC NONE
			BLOCKY PLATY PRISMATIC NONE

Attach Perc Test Information If Required

Name and Address of Designer Darryl Bergstrom Phone \_\_\_\_\_

MPCA Number 478 Date of Site Evaluation 8-24-01 Signature of Designer Darryl Bergstrom

Name of Installer (if different from Designer) \_\_\_\_\_ MPCA Number \_\_\_\_\_

**\*FOR USE BY BECKER COUNTY ENVIRONMENTAL SERVICES DEPARTMENT ONLY\***

\*\*\* Any changes to the permit must first be approved by Becker County Planning & Zoning. No system shall be covered up without inspection by Becker County Planning & Zoning.

\*\*\* Inspections must be scheduled at least 24 hours prior to time requested.

Date Received 8/25/01 Application Fee 75<sup>00</sup> State Surcharge — Total 75<sup>00</sup>

Application is hereby denied  
 Application is hereby granted to Scott Nosal to install an individual septic system according to the specifications of the site evaluation and design submitted to the Becker County Environmental Services Office. By

Order of: Nabi Metzger 8/25/01 16549  
 Signature of Becker County Qualified Employee Date Permit Issued Permit Number  
 This permit expires on 8/25/02



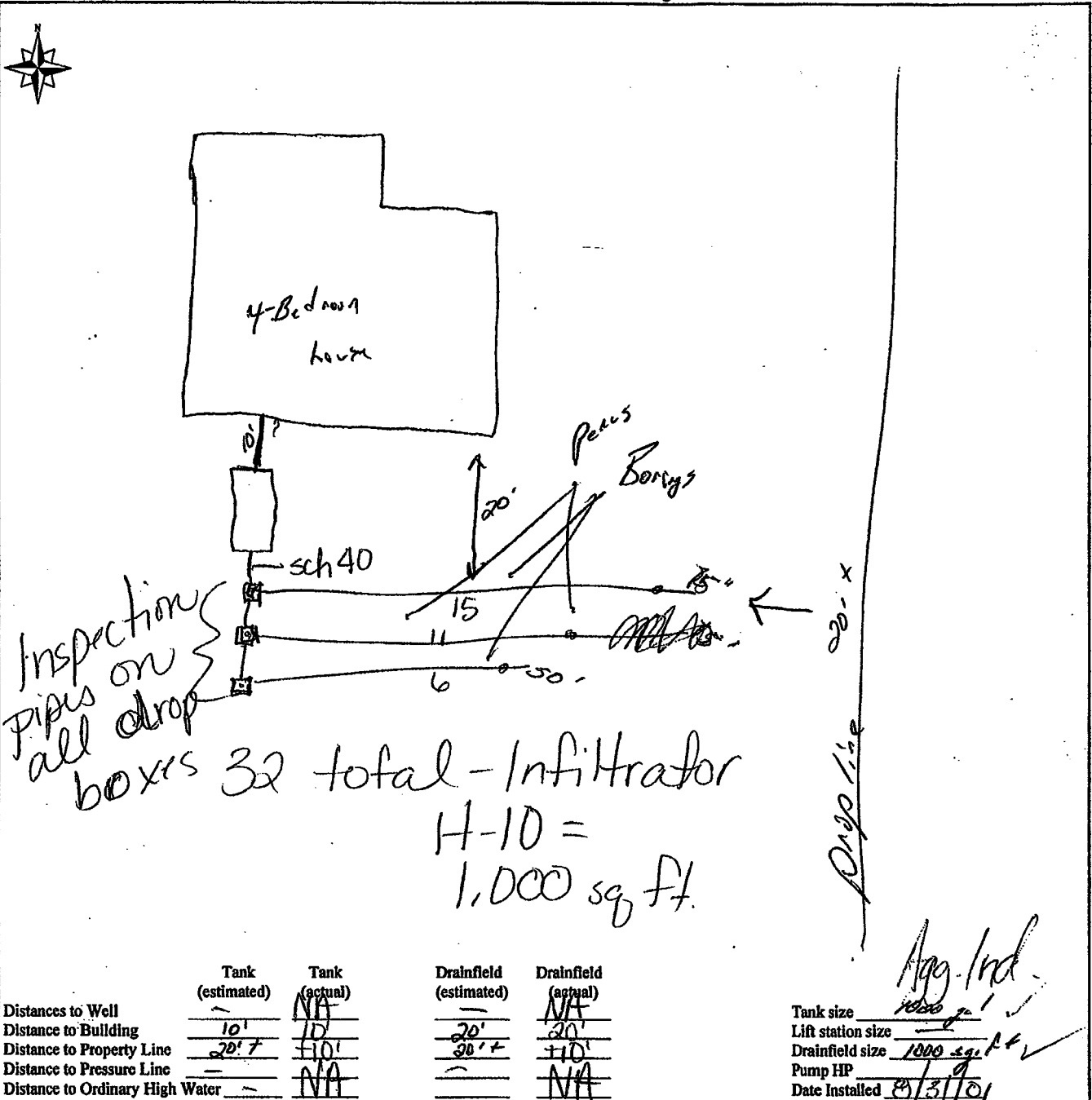
The site plan must be drawn to dimension or to scale:

- \*Dimensions of Lot
- \*Well & Water Line Locations within 100 ft of System

- \*Existing & Proposed Buildings
- \*Distance from Property Lines
- \*Distance from OHWM

- \*Easements & setbacks
- \*Tank Access Route
- \*Distance from buildings

- \*Scale - One inch = \_\_\_\_\_ ft
- \*Location of any Unsuitable Soil
- \*Soil Borings & Per Test Locations
- \*Alternate Drainfield Location



	Tank (estimated)	Tank (actual)	Drainfield (estimated)	Drainfield (actual)
Distances to Well	-	NA	-	NA
Distance to Building	10'	10'	20'	20'
Distance to Property Line	20' ±	10'	30' ±	10'
Distance to Pressure Line	-	NA	-	NA
Distance to Ordinary High Water	-	NA	-	NA

Agg. Infil.

Tank size 1020 gal

Lift station size 1020 gal

Drainfield size 1000 sq. ft.

Pump HP 1/2

Date Installed 8/31/01

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CERTIFICATE OF COMPLIANCE

( ) Certificate Is Hereby Denied

(X) Certificate is Hereby Granted Based upon the Application, addendum from, plans, specifications and all other supporting data. With property maintenance, this system can be expected to function satisfactory, however, this is not a guarantee.

Signature: Nancy Young Title: Zoning Inspector Date: 8/31/01

(Certificate of Compliance is not valid unless signed by a Registered Qualified Employee)



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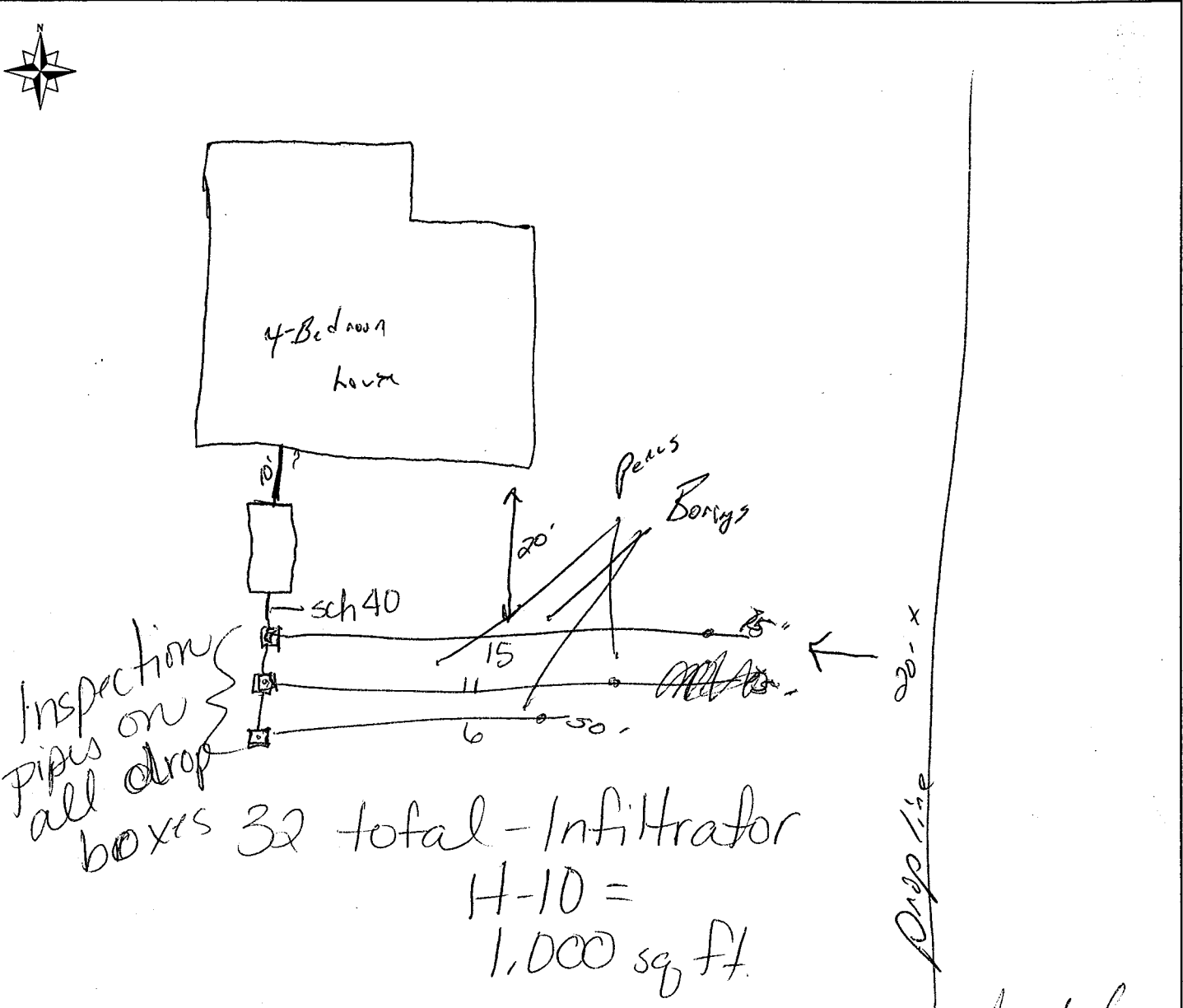
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Distances to Well	-	NA	-	NA	Tank size <u>1000 gal</u>
Distance to Building	10'	10'	20'	20'	Lift station size _____
Distance to Property Line	20' ±	±10'	20' ±	±10'	Drainfield size <u>1000 sq ft</u>
Distance to Pressure Line	-	NA	-	NA	Pump HP _____
Distance to Ordinary High Water	-	NA	-	NA	Date Installed <u>8/31/01</u>

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