

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions:

Control Agency (MPCA) website at

Instructions for filling out this form are located on the Minnesota Pollution

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 3203119320014 Reason for Inspection Request from homeowner
Local regulatory authority info: Washington County
Property address: 12381 RIVERVIEW TRL N, TOWN OF MAY
Owner/representative: MORTIMER RON & MICHELLE Owner's phone: 612-220-7318
Brief system description: Two septic tanks (1500/1000 gallons) gravity fed to drain field

System status

System status on date (mm/dd/yyyy): 7/15/2024

Compliant – Certificate of compliance*

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

Noncompliant – Notice of noncompliance

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

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 or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- Soil separation (Compliance component #5) – *Failing to protect groundwater*
- Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

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.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: SS Septic Solutions, LLC.

Certification number: 9917

Inspector signature: Shelley Schlomka

License number: 4137

(This document has been electronically signed)

Phone: 651-343-9117

Necessary or locally required supporting documentation

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other information (list):

Property Address: 12381 RIVERVIEW TRL N, TOWN OF MAY

Business Name: SS Septic Solutions, LLC.

Date: 7/15/2024

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

Attached supporting documentation:

Other: _____

Not applicable

Describe verification methods and results:

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

Attached supporting documentation:

Empty tank(s) viewed by inspector

Name of maintenance business: Meyers

License number of maintenance business: _____

Date of maintenance: 7/15/2024

Existing tank integrity assessment (Attach)

Date of maintenance (mm/dd/yyyy): _____ (must be within three years)

(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))

Tank is Noncompliant (pumping not necessary – explain below)

Other: _____

Describe verification methods and results:

Tanks water tight at time of inspection.

Property Address: 12381 RIVERVIEW TRL N, TOWN OF MAY

Business Name: SS Septic Solutions, LLC.

Date: 7/15/2024

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes No Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? Yes No Unknown

3c. System is non-protective of ground water for other conditions as determined by inspector? Yes No

3d. System not abandoned in accordance with Minn. R. 7080.2500? Yes No

Describe verification methods and results:

Attached supporting documentation: Not applicable

4. Operating permit and nitrogen BMP* – Compliance component #4 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 specified in the system design? 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. Have the operating permit requirements been met? Yes No

b. Is the required nitrogen BMP in place and properly functioning? Yes No

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

Property Address: 12381 RIVERVIEW TRL N, TOWN OF MAY

Business Name: SS Septic Solutions, LLC.

Date: 7/15/2024

5. Soil separation – Compliance component #5 of 5

Date of installation 8/30/2006 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Attached supporting documentation:

- Soil observation logs completed for the report
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- _____

Compliance criteria (select one):

5a. 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.

5b. 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.*

5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080.2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) Yes No

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

Indicate depths or elevations

A. Bottom of distribution media	30"
B. Periodically saturated soil/bedrock	66"
C. System separation	36"
D. Required compliance separation*	36"

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

Describe verification methods and results:

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.

JOB DAN LANG HOMES
 LOT 10, BLK 2, PARCOLA PRESERVE
 MAY TUSE

BORING LOG

NEW TEST SITE

DATE 7-31-04

BOREHOLE DIAMETER 4"-3 1/2"-2 1/2" HAND AUGER

DEPTH FEET	HOLE #1	HOLE #2	HOLE #3	HOLE #4	HOLE #5	SOIL CLASSIFICATION
1	TOP SOIL - BROWN, SANDY LOAM	TOP SOIL - BROWN LOAM	TOP SOIL - BROWN LOAM	TOP SOIL - BROWN, SANDY LOAM	TOP SOIL - BROWN, SANDY LOAM	TOP SOIL - BROWN LOAM 7.5YR 4/4
2	YELLOWISH BROWN FINE SAND - SILTY	YELLOWISH BROWN SANDY LOAM	YELLOWISH BROWN, FINE SAND - SILTY	YELLOWISH BROWN, FINE SAND WITH LOAM	YELLOWISH BROWN, FINE SAND - SILTY - ROCKS	YELLOWISH BROWN, LOAM & SAND 10YR 5/8 LIGHT BROWN SAND 7.5YR 4/3
3						
4	LIGHT BROWN FINE SAND - SILTY	LIGHT BROWN, FINE TO MEDIUM SAND	LIGHT BROWN, FINE TO MEDIUM SAND - ROCKS	LIGHT BROWN, FINE TO MEDIUM SAND		
5		LIGHT BROWN, FINE TO MEDIUM SAND	OBSTRUCTION STOP		OBSTRUCTION STOP	
6						
7	STOP OKAY 6'	STOP OKAY 6'	1/2" AUGER USED THE LAST 12"	STOP OKAY 6'	1/2" AUGER USED THE LAST 12"	
8						
9						
10						

EKLIN SOIL TESTING AND INSPECTIONS, INC.

1986 Ridgewood Avenue
 White Bear Lake, MN 55110
 1-651-429-1090

Owner's Name	DAN LANG DAN LANG HOMES
Job Site Address	LOT 10- BLOCK 2 ARCOLA PRESERVE
City or Township	MAY TOWNSHIP
Use of Building	HOME - 5 BEDROOMS

Design Flow Rate	750 GALS PER DAY	Perc Rate	14-17 MPI	Land Slope	3-4	Percent
Two Required Tank Sizes	1500 Gallons	1000 Gallons	Lift Station Tank Size	Gallons		
Type of System (standard, at grade or bed)	STANDARD					
System Size:	1500	Square Feet	500	Lineal Feet	36"	Trench Width
Depth of rock below pipe	12"			Depth of Rock Above Pipe	2"	
MINimum Depth of Trench From Existing Grade	24 Inches			MAXimum Depth of Trench From Existing Grade	36 Inches	
Recommended Number of Trenches	5			Recommended Length of Trenches	100	
Trench Spacing Measured Center to Center	TREES			7	Feet +	
Any Other Special Conditions	TANK LOCATIONS CAN VARY - SITE WOODED - SOME TREES WILL HAVE TO BE REMOVED FOR THE DRAIN FIELD					

FENCE OFF THE TEST SITE -
 THIS SILTY SAND WILL COMPACT

[Handwritten signature]

This system has been designed by a Pollution Control Agency (PCA) Certified Professional.	
Designer Name	DALE EKLIN
Address	1986 RIDGEWOOD AVE. WHITE BEAR LAKE MINN. 55110
Signature	<i>[Handwritten Signature]</i>
STATE	410
PCA Certification #	695
Phone #	651-429-1090
Date	8-4-2004

Permit Fee:	\$115.00
Total Fee:	\$115.00
Previous Payment	\$115.00
Balance Due	\$0.00

Community: May Township
 Permit Number: 0009-06-16
 Owner: Dan Lang Homes
 221 Myrtle ST E
 Stillwater MN 55082-
 Applicant: Dan Lang Homes



PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents and employees shall conform in all respects to the provisions of Ordinance #128, Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 12381 Riverview TR N
 Geo Code: 32-031-19-32-0009
 Designer:

Type of System: Standard Drainfield		Pressure Distribution	
		N/A	
Design Criteria	Drainfield Sizing		
Percolation Rate: 14	Square Feet:	1500	
Depth To Restriction: 72	Lineal:	500	Feet
Land Slope: 3.00%	Depth Of Rock Below:	12	Inches
Flow Rate: 750	Maximum Trench Depth:	36	Inches
Number of Bedrooms: 5	Number Of Trenches:	5	
<input type="checkbox"/> Gravelless	Length Of Trenches:	100	Feet
<input checked="" type="checkbox"/> Chambered	Spacing Of Trenches:	7	Feet
Tank Sizes			
Tank 1: 1500	Tank 2: 1000	Tank 3: 0	Lift Station: 0

Authorized Work/Special Conditions

1. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.
2. Maximum trench depth 36 inches into natural soil.
3. This system must be installed by a certified/licensed sewage treatment system installer holding a current license with the Minnesota Pollution Control Agency. (A list of installers is available at your request.)

#2

Pete Ganzel
 Pete Ganzel
 Senior Environmental Specialist

Permit Issue Date: 8/30/2006
 Permit Expiration Date: 8/30/2007

0009-06-16

Individual Sewage Treatment System Inspection Form

Project Address: 12381 Riverview TR N Community: May Township Owner: Dan Lang Homes Applicant: Dan Lang Homes	Application ID: 0009-06-16 Geo Code: 32-031-19-32-0009 Type of System: Standard Drainfield Designer:
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Type of Installation: <input type="checkbox"/> New <input type="checkbox"/> Repair <input type="checkbox"/> Replacement <input type="checkbox"/> Other	Type of Inspection: <input checked="" type="checkbox"/> Site Review <input type="checkbox"/> Tank <input type="checkbox"/> Rough-Up <input type="checkbox"/> Treatment Area <input type="checkbox"/> Final	Inspector: <input type="checkbox"/> Pete Ganzel <input type="checkbox"/> Chris LeClair <input type="checkbox"/> Other
Number of Bedrooms: _____		Inspection Dates: _____

Installer: _____

Site Review	Mounds / At-Grade
Date: _____ <input type="checkbox"/> Soil Boring <input type="checkbox"/> Soil Pit Depth of Pit/Boring: _____ Comments: _____ _____ _____	<input type="checkbox"/> Mound <input type="checkbox"/> At-Grade Absorption Area _____ Percent Slope _____ Sand Below Bed _____ Upslope Width _____ Rock Below Pipe _____ Downslope Width _____ Perf Size/Spacing _____ Sideslope Width _____ Pipe Size/Spacing _____ Pressure Bed Dimensions: Length _____ Width _____
Conclusions: <input type="checkbox"/> Site Suitable <input type="checkbox"/> Site Unsuitable <input type="checkbox"/> Additional Tests Required	

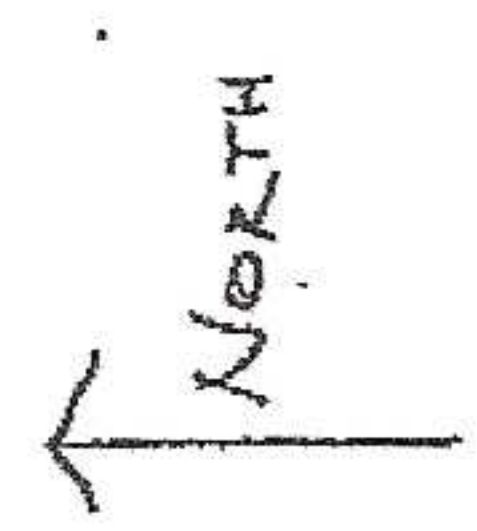
Sewage / Holding Tanks	Pump Information
Tank 1: _____ <input type="checkbox"/> New <input type="checkbox"/> Existing Baffle Type: <input type="checkbox"/> Plastic <input type="checkbox"/> Fiberglass <input type="checkbox"/> San-T <input type="checkbox"/> Concrete Tank 2: _____ <input type="checkbox"/> New <input type="checkbox"/> Existing	Lift Station Capacity: _____ Feet of Head: _____ Horsepower/GPM: _____ Size of Discharge Line: _____ Gallons Per Cycle: _____ Type/Location or Alarm: _____ Gallons Per Minute: _____

Trenches, Bed or Gravelless Drainfield	Setbacks				
<input type="checkbox"/> Drop Box <input type="checkbox"/> Distribution Box <input type="checkbox"/> Gravity <input type="checkbox"/> Pump Trench <input type="checkbox"/> Pressure Bed <input type="checkbox"/> Serial <input type="checkbox"/> Parallel <input type="checkbox"/> Chambers <input type="checkbox"/> Gravelless <input type="checkbox"/> 8" <input type="checkbox"/> 10" <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;"> Trench Depth (in) T1 _____ T2 _____ T3 _____ T4 _____ T5 _____ </td> <td style="width:25%;"> Trench Length (ft) T1 _____ T2 _____ T3 _____ T4 _____ T5 _____ </td> <td style="width:25%;"> Trench Width <input type="checkbox"/> 24" <input type="checkbox"/> 36" <input type="checkbox"/> Other _____ Trench Spacing: _____ </td> <td style="width:25%;"> Rock Below Pipe <input type="checkbox"/> 6" <input type="checkbox"/> 12" <input type="checkbox"/> 18" <input type="checkbox"/> 24" </td> </tr> </table>	Trench Depth (in) T1 _____ T2 _____ T3 _____ T4 _____ T5 _____	Trench Length (ft) T1 _____ T2 _____ T3 _____ T4 _____ T5 _____	Trench Width <input type="checkbox"/> 24" <input type="checkbox"/> 36" <input type="checkbox"/> Other _____ Trench Spacing: _____	Rock Below Pipe <input type="checkbox"/> 6" <input type="checkbox"/> 12" <input type="checkbox"/> 18" <input type="checkbox"/> 24"	Building(s) to tanks: _____ Building(s) to drainfield: _____ Surface Water: _____ Property Lines: _____ Wells: <input type="checkbox"/> 50' <input type="checkbox"/> 100'
Trench Depth (in) T1 _____ T2 _____ T3 _____ T4 _____ T5 _____	Trench Length (ft) T1 _____ T2 _____ T3 _____ T4 _____ T5 _____	Trench Width <input type="checkbox"/> 24" <input type="checkbox"/> 36" <input type="checkbox"/> Other _____ Trench Spacing: _____	Rock Below Pipe <input type="checkbox"/> 6" <input type="checkbox"/> 12" <input type="checkbox"/> 18" <input type="checkbox"/> 24"		
Pressure Test					
Pressure Bed Dimensions: Length _____ Width _____ Absorption Area _____	Time: _____ Time: _____ PSI: _____ PSI: _____				

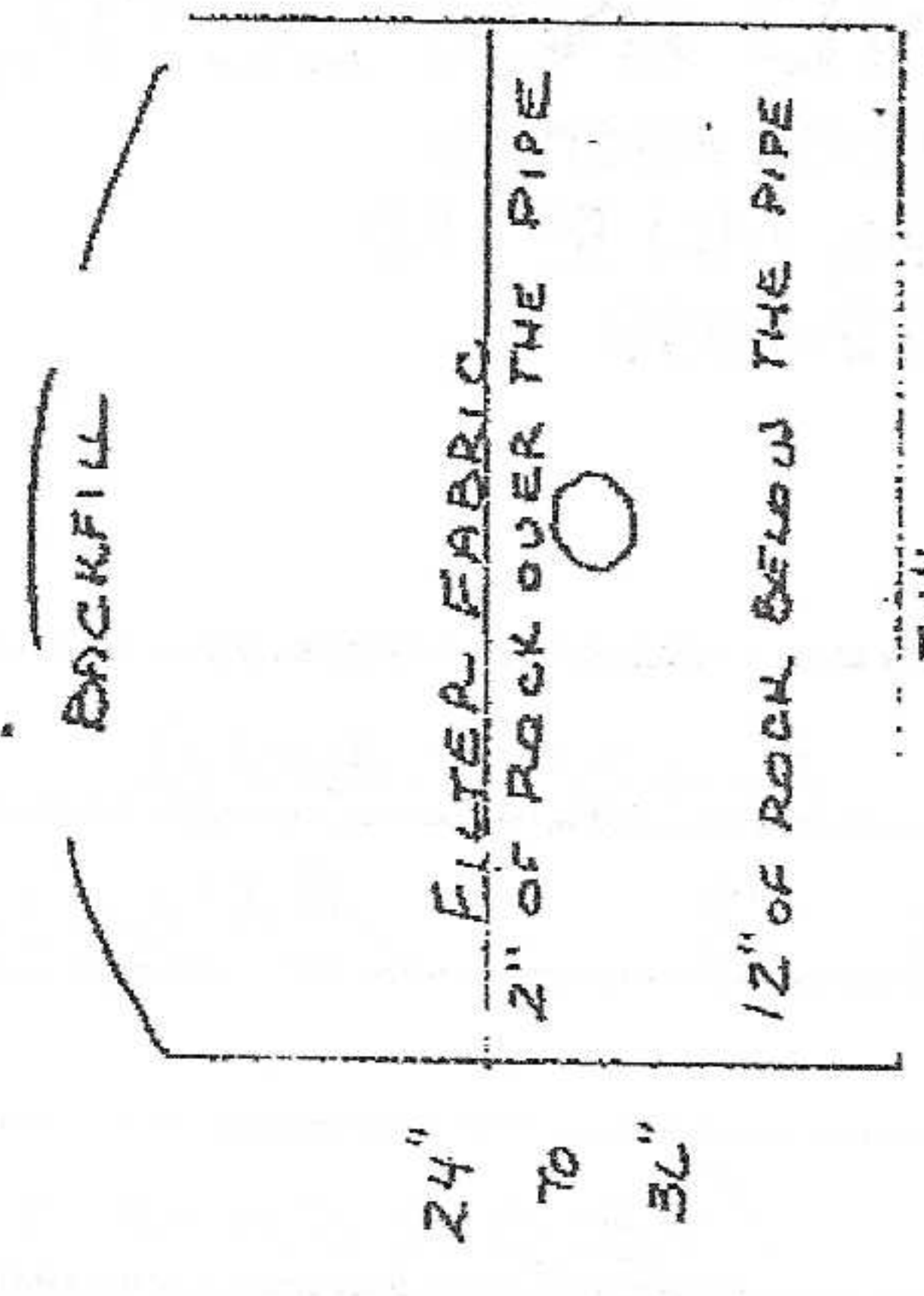
Comments: _____

 Inspector

DAN LANG HOMES
 LOT 10, Bk 2
 ARCOLA PRESERVE
 MAY TWP, PA.
 SCALE: 1" = APPROX. 50'
 NOT A SURVEY
 VERIFY LOT LINES

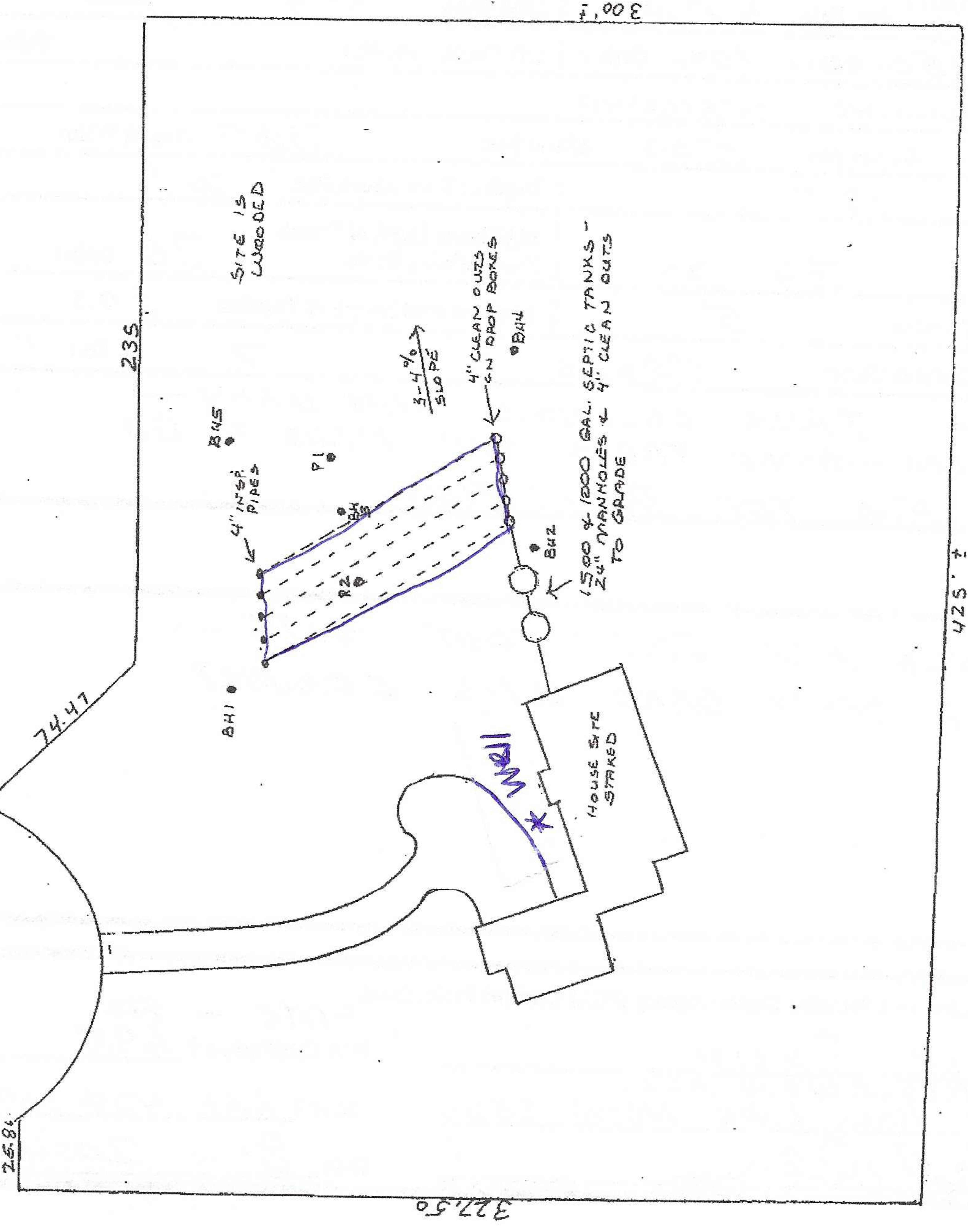


1500 SQ. FT. DRAINFIELD
 5 RUNS - 100' LONG
 36" WIDE - 24" TO 36" DEEP
 7/16" CENTER TO CENTER TRENCH SPACING
 FOLLOW THE CONTOURS
 KEEP BOTTOM OF TRENCH LEVEL

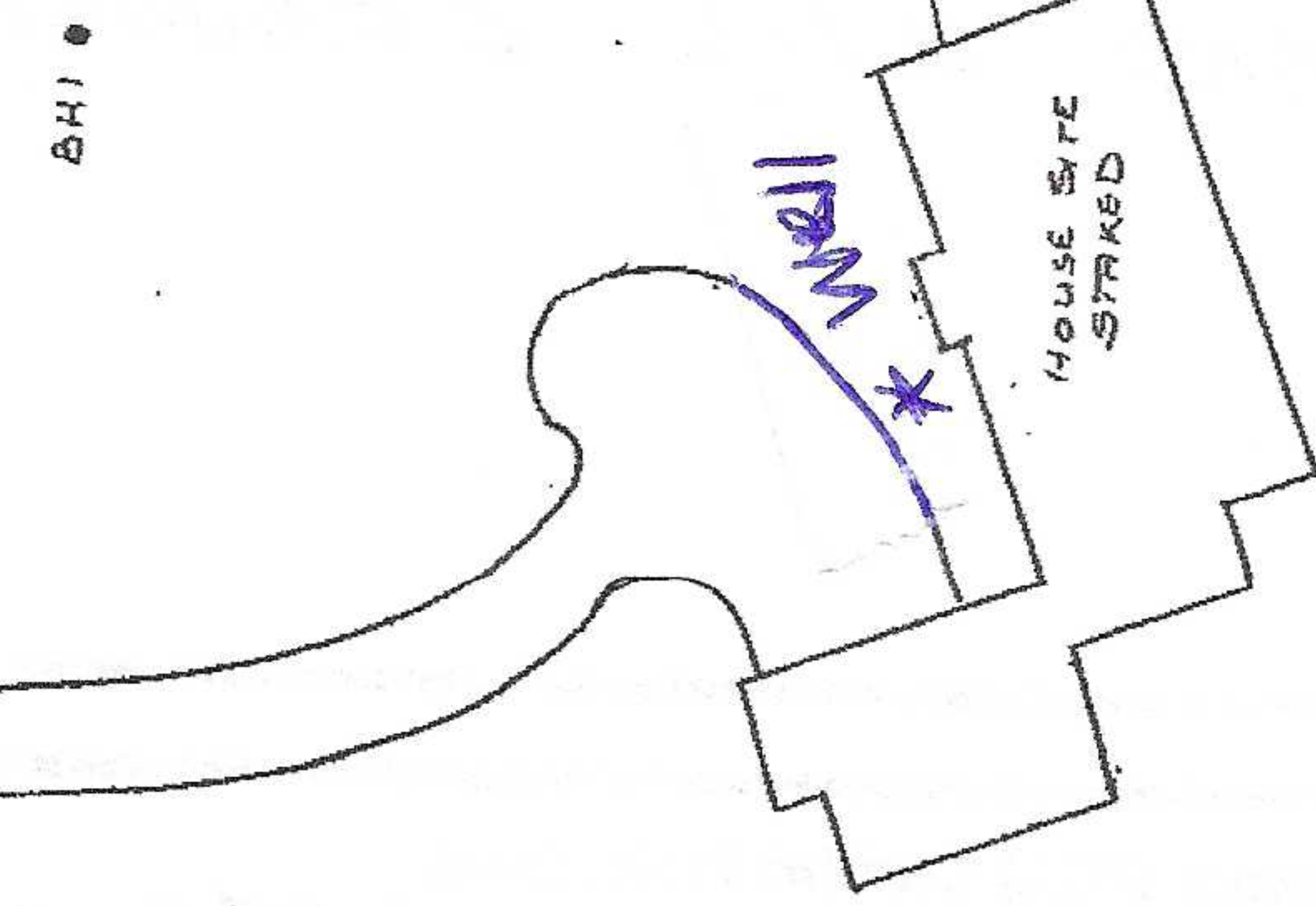


24" TO 36"
 36"
 DRAINFIELD CROSS SECTION
 NO SCALE

NEW TEST SITE
 7-31-2004



SITE IS WOODED
 4" INSP. PIPES
 3-4% SLOPE
 4" CLEAN OUTS IN DROP BOXES
 4" CLEAN OUTS TO GRADE
 1500 x 1200 GAL. SEPTIC TANKS - 24" MANHOLES & 4" CLEAN OUTS TO GRADE



2SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions, LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. The report shall not be construed as a warranty that the system will properly function for any period.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a watertight septic tank(s) and lift tank, the required separation from the bottom of the drain field/mound distribution medium and saturated soils, no backup of sewage into the dwelling and no discharge of sewage onto the ground surface or surface water. SS Septic Solutions, LLC does not inspect basement sewage ejector pumps or exterior lift pumps as they are a maintenance item. Sewage backup verification is limited to the information supplied by the last occupants/owner if available. I cannot guarantee that the information given to me is accurate. Some people may attempt to hide or conceal signs of previous backups.
3. Certification of this system does not warranty any future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded because of more people moving into the house than were previously occupying it, improper maintenance, heavy usage, tree roots, freezing conditions, or surface drainage problems. The system could simply stop working due to age.
4. A compliance inspection is not meant to be a test of the longevity of the septic system. The inspection is strictly for the purpose of determining if the septic is polluting the environment at the date and time the inspection is performed. The inspection is not intended to determine if the system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. Winter Work – Client understands that inspections conducted in winter weather conditions are more difficult to perform due to snow cover and frost. Septic system components like tanks, tank covers, drop boxes and soil treatment areas are more difficult to locate in these conditions. Soil borings and drain field locations are also more difficult to perform due to ground frost. The client needs to understand that due to the weather conditions, the same level of standards may not be possible compared to an inspection during the spring/summer/fall months.
6. If hired to perform the compliance inspection, the client hereby agrees that SS Septic Solutions, LLC will not be responsible for any monetary damages, claims or causes of action including attorney fees arising from the performance of this inspection.
7. Nothing other than gray water (laundry, showers, etc.) human waste and toilet tissue should be disposed of into the septic tanks. Garbage disposals are not recommended. Smaller amounts of laundry, soaps, dish soap, cleaning agents, etc. are better for the system. Antibacterial soaps and chlorine agents may kill the bacteria needed to treat effluent properly. Additives are not recommended and may be harmful to your system. Recommend to pump and clean your tanks by a certified pumper every other year if you have 1 tank and every 2-3 years if you have a 2-tank system to ensure proper maintenance.