



DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
 GOVERNMENT CENTER
 14949 62nd STREET NORTH P.O. BOX 6 STILLWATER, MN 55082-0006
 Office: 651-430-6655 TTY: 651-430-6246 FAX: 651-430-6730

Subsurface Sewage Treatment System Maintenance Permit

This section must be completed in its entirety to constitute a valid maintenance permit. This permit must be completed prior to performing maintenance activities and remain on-site for the duration of the maintenance activity.

Date of Maintenance: 12-5-16 Reason for Maintenance: cleaning
 Property Address: 14565 28th St N Property Owner's Name: JT Brennan
 Municipality: Stillwater ZIP: 55082 Property Identification Number: _____
 Maintenance Permit No: 026625405 Maintainer Name and License No. Smilie's Sewer Service/L2428

Maintenance Performed	Tank Measurement (must be completed if tanks NOT pumped)
<input checked="" type="checkbox"/> Tank(s) Pumped <input type="checkbox"/> Sludge and scum measured Do tanks need to be pumped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (if no provide measurements)	Liquid Level of Tank _____ in Sludge Level in Tank _____ in Scum Level in Tank _____ in Sludge + Scum _____ / Liquid Level _____ X 100 = % Sludge & Scum _____ Tanks must be pumped if 25% or greater

- Access used to remove septage: Maintenance Hole Other (enter authorization code) _____
- Were all covers securely replaced? Yes No
- Is there evidence of tank leakage from a septic, holding, pretreatment or pump tank below the operating depth or evidence of damaged, cracked, or structurally unsound maintenance hole covers?

Tank	Leaking Out	Leaking In	Cover Damage
Septic/Holding Tank #1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Septic/Holding Tank #2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pretreatment Tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Pump Tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

4. How many gallons of septage were removed?
 Tank #1 1,500 gal Tank #2 _____ gal Pretreatment tank _____ gal Pump Tank _____ gal

5. Other information: List any troubleshooting, minor repairs conducted, tank safety concerns, or other concerns.

6. Location of septage disposal: _____

Maintenance activities must be reported to the Department within 90 days.



WASHINGTON COUNTY, MINNESOTA
Department of Public Health

WEST LAKELAND TOWNSHIP
SEWAGE PERMIT

PERMIT NUMBER 8800089

Owner FURSETH
14565 28TH STREET N
STILLWATER MN 55082

SEWAGE TREATMENT SYSTEM PERMIT	75.00
Total Fees :	75.00
Total Paid :	.00
Total Due :	75.00

Additional Soils - 25.00

*all paid 11/20
Harry Weaver will submit
new soils*

*98-69
69-96*

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following described property upon express condition that said persons and their agents, employees and workmen shall conform in all respects to the provisions of the Building Code, and/or Ordinances. This permit may be revoked at any time upon the violation of any of the provisions of said code and ordinances.

Project Address : 14565 28TH STREET NORTH STILLWATER MN 55082

Flow Capacity 750 Gal/Day
Soil Conditions: Depth to Restriction 72 Inches Perc Rate 40 Min/Inch

Soil Treatment Area Type:
In Ground Y In F111 II Bed II Drain Field Y

Authorized Work / Special Conditions
- Install individual sewage treatment system as per approved design in area tested and shown on site plan.

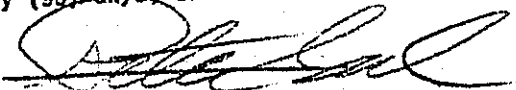
Disp OK

** Permit Expiration Date : Sewage Treatment : 5/19/91

A CERTIFICATE OF OCCUPANCY MUST BE REQUESTED AND ISSUED PRIOR TO USE OR OCCUPANCY OF WORK PERMITTED BY A BUILDING PERMIT.

** This permit shall expire and be null and void if the work authorized by the Building Permit is not commenced within 60 days of the date of issuance or if work is abandoned or suspended for a period of 120 days. Term of the Building Permit is 12 months from date of issue. Term of sewage treatment permit is 6 months from date of issue.

Penalty for violation of any of the provisions of building code: Fine not to exceed five hundred dollars (\$500.00) or imprisonment for not more than ninety (90) days, or both.

Permit Issue Date 11/19/90 Code Enforcement Officer 

INSPECTION RECORD

BUILDING	DATE	INSP.	COMMENTS
Foundation			
Foundation Wall			
Plumbing (Groundwork)			
Gas Piping (Groundwork)			
Rough Plumbing			
Rough Gas Piping			
Rough Heating and Ventilation			
Framing			
Insulation			
Fireplace			
Wallboard or Lath and Plaster			
Final Building			
Final Plumbing			
Final Gas Piping			
Final Heating and Ventilation			

SEWAGE TREATMENT SYSTEM	DATE	INSP.	COMMENTS
Installation	6-14-91		Tank Size: 1565 Treatment Area: 1500
As Built			Installer: Tim M

WELL	DATE	INSP.	COMMENTS
Installation			

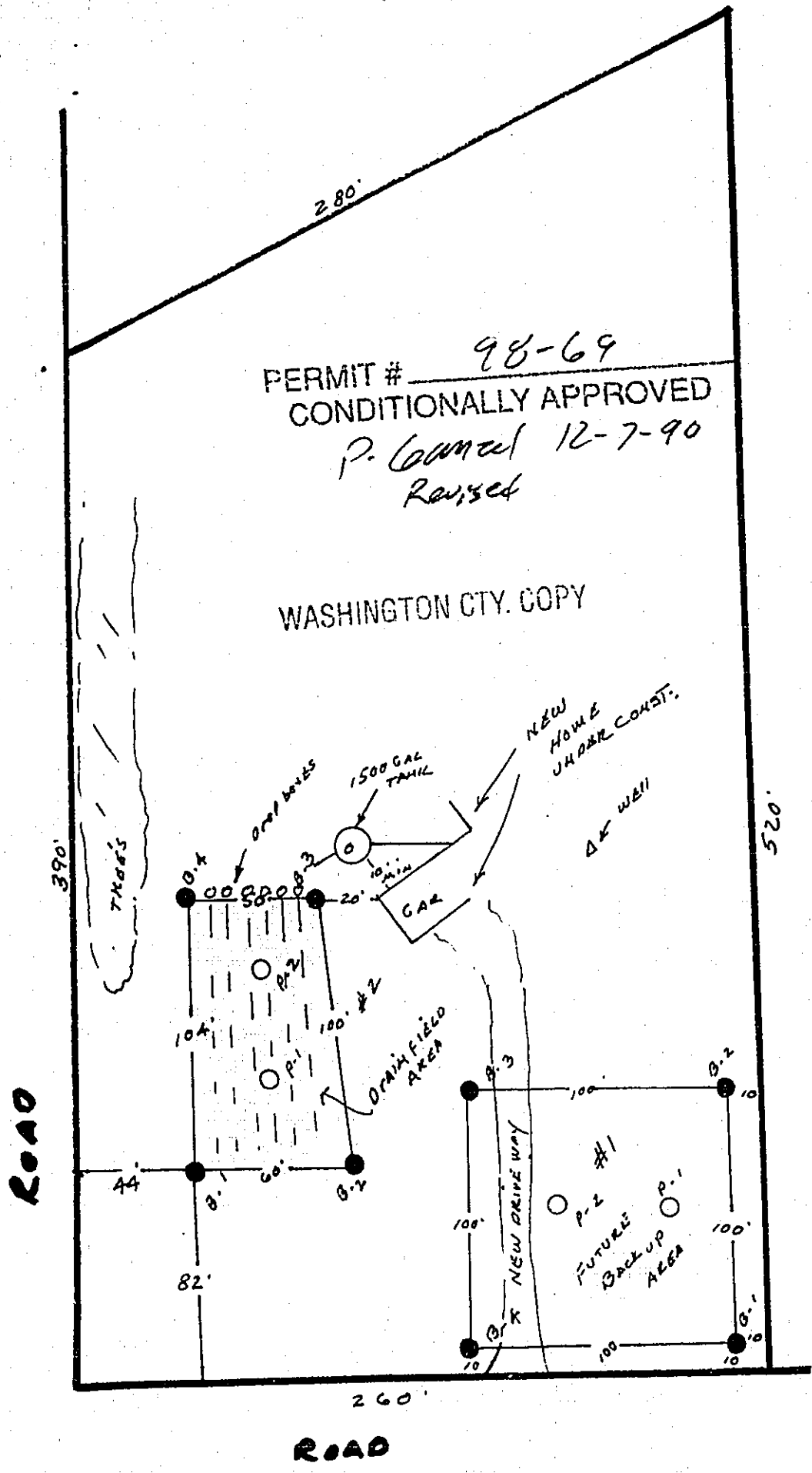
Pre-Grout Nitrate Sample: _____ Owner Acceptance: _____

Well Record Received: _____ Sample Results Received: _____

NOTES:

PERMIT # 98-69
 CONDITIONALLY APPROVED
P. Council 12-7-90
Revised

WASHINGTON CTY. COPY



- BORING
- PERC

LOT 2 - BLK 1 - FOX RIDGE ADD.

SCALE 1" = 60'

INDIVIDUAL SEWAGE TREATMENT SYSTEM MINIMUM SPECIFICATIONS SHEET

NAME: LANDSTED HOME BLDGS - 432 2ND STR. HUDSON WI - 54016 (FORSETH OWNER)

ADDRESS AND/OR LEGAL DESCRIPTION: LOT 2 - BLK 1 FOX RIDGE

WASTEWATER FLOW

Estimated 750 gal/day, or
Measured _____ gal/day

Spacing of trenches 6'-6" ft oc
distribution (check one):
(G) 5 drop box
_____ pressurized laterals - complete
PRESSURE DISTRIBUTION SYSTEM section b

SEPTIC TANK

Volume 1-1500 gal

BED

Minimum depth of bed _____ inch
Maximum depth of bed _____ inch
Bottom area for bed having 12 inch
of rock below the distribution pipe
_____ sq ft
Bed Width _____ ft
Bed Length _____ ft

LIFT STATION

Volume NONE gal (POSSIBLE GRAVITY)

Pump:
delivery rate _____ gal/min
total head _____ ft
discharge per pumping event _____ gal
Inside diameter of pressure line from pump
to treatment area _____ inches

MANIFOLD

Bottom area for bed having 9 inch of rock
below the distribution pipe _____ sq ft
Bed Width _____ ft
Bed Length _____ ft
Upslope sand base depth _____ ft
Upslope dike width _____ ft
Downslope sand base depth _____ ft
Downslope dike width _____ ft

SOIL

Depth to restricting layer 6'-0"
Percolation rate:
_____ min/in at 12 inch depth
_____ min/in at 24 inch depth
43.6 min/in at 36 inch depth
Land Slope 8-10 %

DRAINFIELD TRENCHES

Minimum depth of trench 24" inch
Maximum depth of trench 36" inch
Bottom area for trenches having 12"
inch of rock below the distribution pipe
1500 sq ft
Trench width 3 ft
Total trench length 500 LN. ft
Number of trenches 5 AT 100' FT
6 AT 83' FT.

PRESSURE DISTRIBUTION SYSTEM

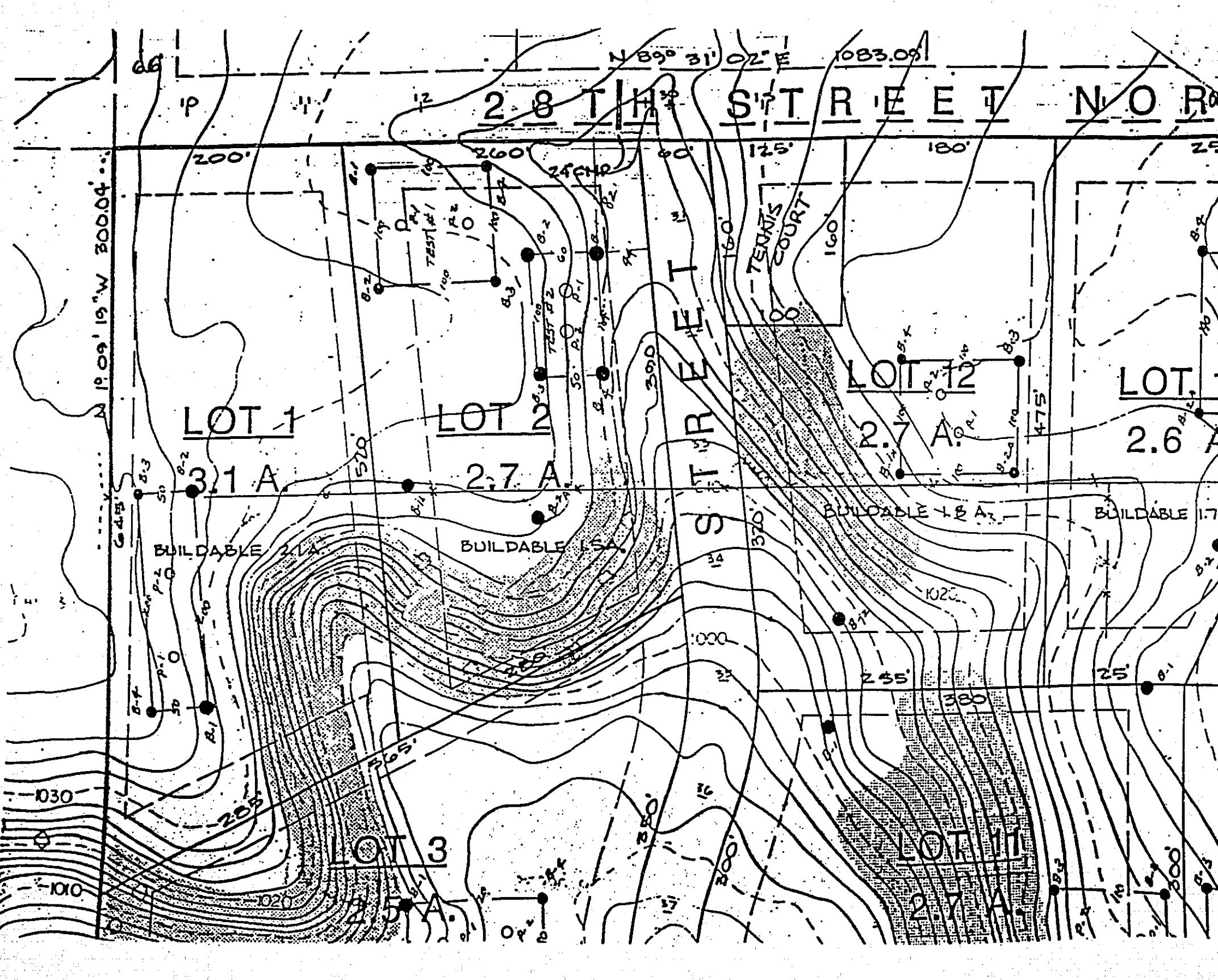
Inside diameter of manifold pipe _____
Perforated lateral
inside diameter _____ in
length _____ ft
number _____
spacing _____ in oc
Perforation:
diameter _____ in
spacing _____ in oc

LAYOUT (Site Plan)

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show pertinent property boundaries, rights-of-way, easements, etc.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system including tanks, trenches, etc.
5. Show location of water supply well.

Specifications and layout have been designed by H. WEAVER Date 2/24/80 1970

Minnesota Pollution Control Agency Certificate # 551 Exp. Date 1992



APPLICATION FOR PERMIT TO INSTALL SEWAGE TREATMENT SYSTEM

Washington County
Code Enforcement
14900 61st Street North
Stillwater, Minnesota 55082
(612)779-5444

Application Fee - \$75.00
Permit Fee - \$75.00
Additional Reviews - \$25.00/hr. (1 hr. min.)

Note: Subject To
Officials Approval

14565 23rd St N. Application Number 98-69

1 Legal Description and Parcel Identification Number
LOT 2 - BLK 1 FOX RIDGE ADD. WEST LAKE LAHO TWP

2 Applicant Hailing Address City Zip Phone
LAHOSTED HOME BLDGS. 431 240 STR. HUDSON WI - 54016 436-6000

3 Owner (if different from Applicant) Hailing Address City Zip Phone
FURSETH: (OWNER)

4 Use of Building: NEW HOME Number of Bedrooms or Gallons Per Day 750 POTENTIAL
Check the following fixtures which are or will be installed:
Garbage Disposal YES Recreational Bathing Facility (Jacuzzi, hot tub, etc.) YES

5 Type of Work: New Alteration Repair Approval Only

6 Has site previously been reviewed by Washington County? No Yes
(If previously approved, attach letter of approval) TEST AREA #2 TEST AREA #1 Approved Denied

The following exhibits are required as part of this application and shall be attached hereto: Percolation Test Logs; Soil Boring Logs; Site Plan drawn to scale showing location of buildings, lot lines, percolation test holes, soil boring holes, proposed location of system and well; 2 Copies of the System Design; and 1 copy of the Final Building Plan. The house and the drainfield areas must be staked. Improper or inadequate test or information will result in delays in processing.

Agreement: The undersigned hereby makes Application for Permit to Install or Extend Sewage Treatment System herein specified, agreeing that all such work shall be done in strict accordance with ordinances and regulations of the County of Washington, Minnesota. Applicant agrees that the Site Plan, Sketches and Design submitted herewith, and which are reviewed by the Washington County Building Official or his agent, together with any requirement and/or restriction made necessary by conditions peculiar to a particular location, shall become a part of the permit. Applicant further agrees to provide access, at reasonable times, to the Building Official or his agent for the purpose of performing inspections required and that no part of the system shall be covered until it has been inspected and accepted. Application is for an installation at a specific location; any deviation from the approved location will void the permit. It shall be the responsibility of the applicant for the permit to notify the Office of the Building Official that the installation is ready for inspection.

20 NOV 1990 Date For: Laidsted Home Bldgs. Jay H. Laidsted Signature of Applicant

FOR OFFICE USE ONLY: Reviews: Planner: _____ Inspector P. Gornal Date: 12/3/90

Site Evaluation: Soil Boring Evaluation: Depth of Water Table, Seasonal Water Table (Mottled Soil), Impervious Layer or Bedrock:

Soils Map Data: _____	Percolation Test Evaluation: <u>40-60 @ 36"</u>
Setbacks:	Required (circle)
Well (including adjacent property)	50' 75' 100' 150'
Wetland, Pond, Lake, Stream, River, or Bluffline	20' 40' 75' 100' 150'
Actual	

Conclusions: Site Suitable: Site Unsuitable: Additional Tests Required: Verify Use:

NOTES: B-4 shows Percol @ 7'
36" Max Trench
Tom Sandy loan 1 direction rocks at trench depth



EARTH SCIENCE

858 SW 1st AVE.
FOREST LAKE, MN 55025
464-4902 — 462-2314

FOR LANDSTED HOME BUILDERS - 431 2ND STR.
HUDSON, WI 54016

LOCATION LOT 2 - BLK 1 FOX RIDGE ADD.
TEST AREA # 2

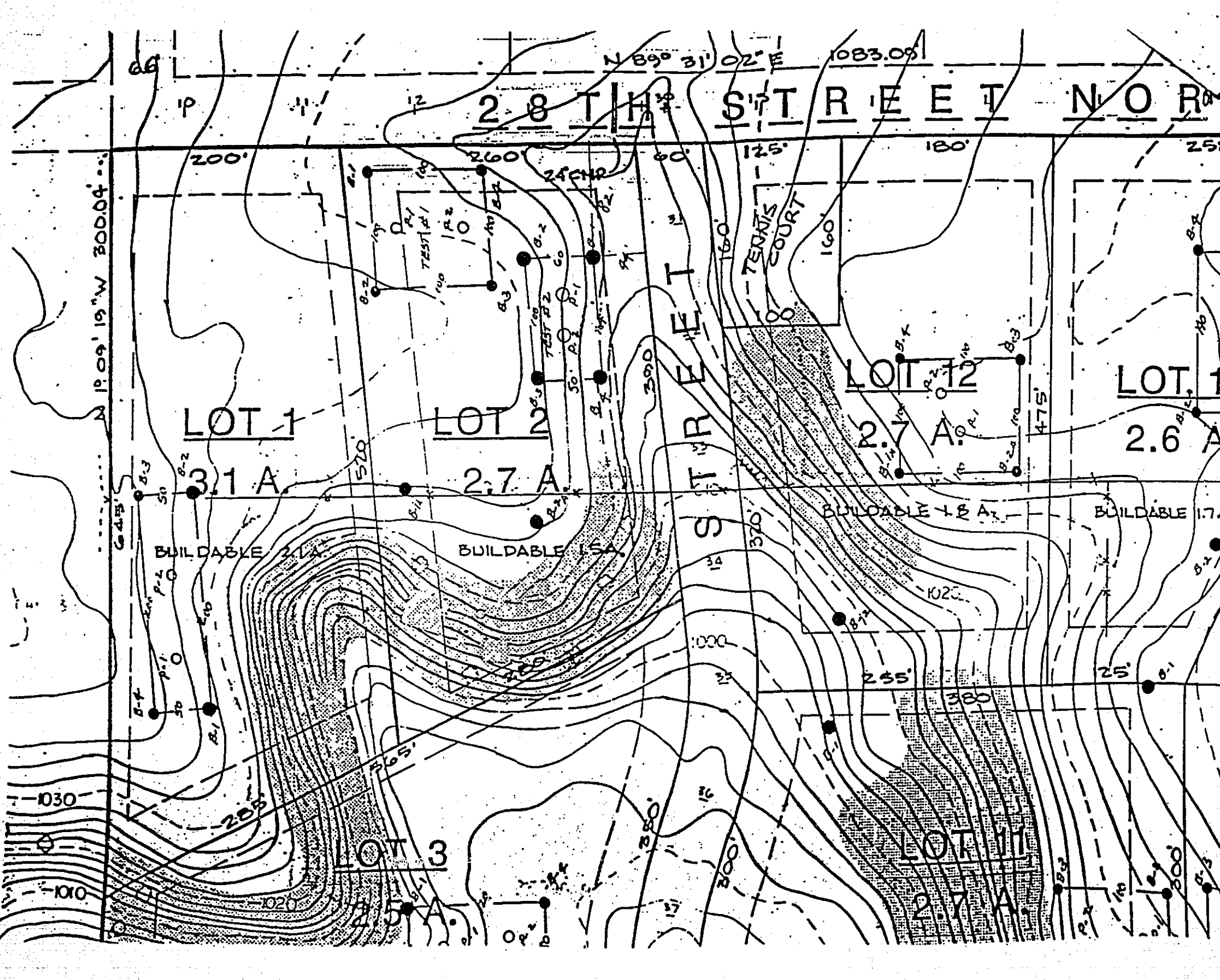
THE RESULTS OF THESE SOIL TESTS DOES NEITHER APPROVE OR DISAPPROVE THIS SITE AS TO CONSTRUCTING A STRUCTURE OR INSTALLING AN ONSITE SEWAGE TREATMENT SYSTEM:

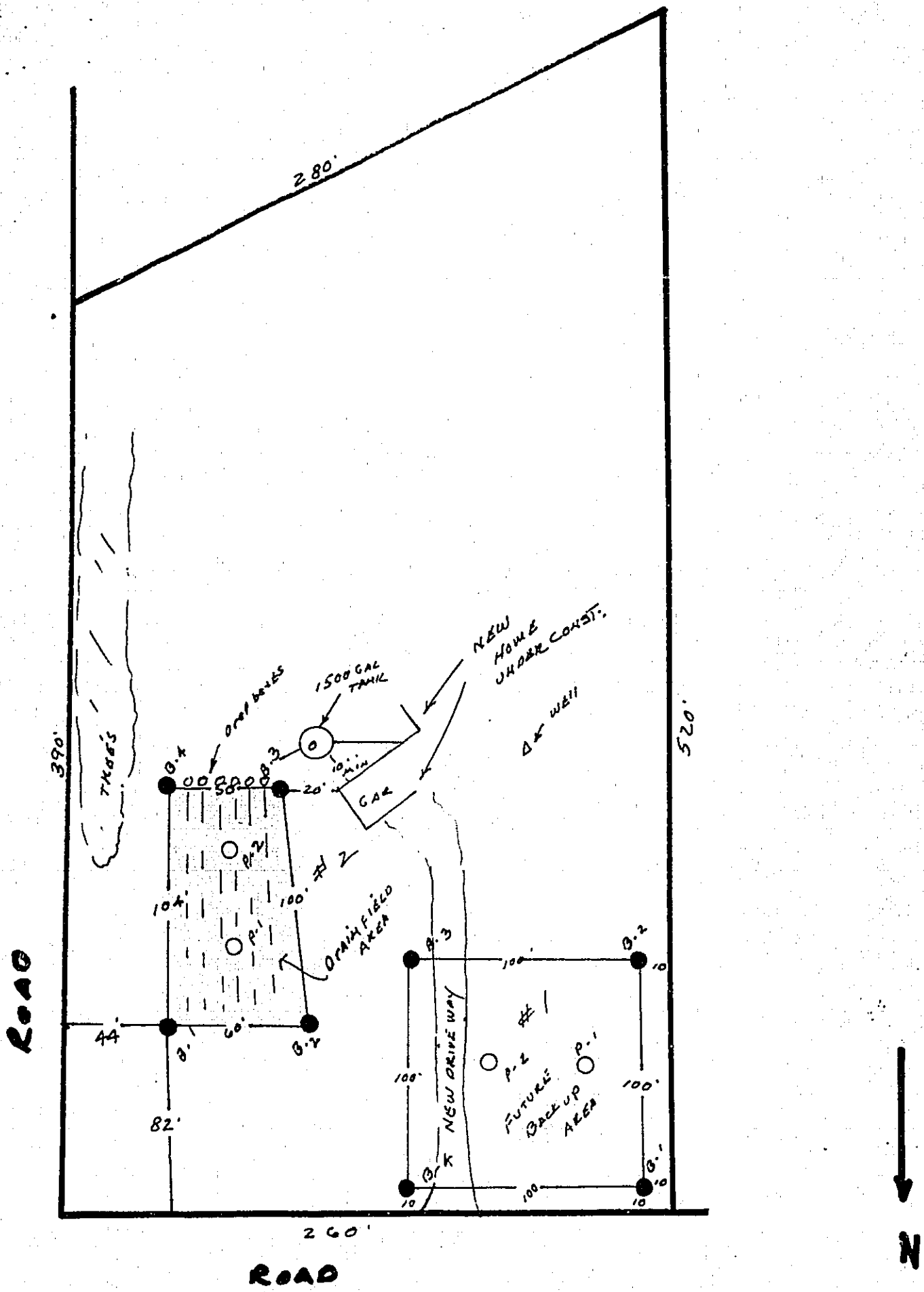
THIS TESTING INFORMATION SHOULD BE SUBMITTED TO THE APPROVING OFFICIALS FOR REVIEW AND APPROVAL, WHILE THE TESTING AREA IS STAKED CLEARLY ONSITE FOR INSPECTION:

BY: - H. WEAVER
MPCA. CERT:
NO. # 551

DATE: 20 NOV. 1990

PROFESSIONAL SOIL TESTERS
SINCE 1977





LOT 2 - BLK 1 - FOX RIDGE ADD.

SCALE 1" = 60'

- BORING
- PERC



EARTH SCIENCE

858 SW 1st AVE.
FOREST LAKE, MN 55025
464-4902 — 462-2314

PERCOLATION TEST DATA

TEST HOLE NO. P-1
 LOCATION: LOT 2 BK1
 PREPARED: 18 NOV. 1990 BOTTOM DEPTH: 36"
 TEST HOLE DIAMETER: 6 IN.
 TEST HOLE PROFILE: TEXTURE:
0-7" DRK. BRN. FINE SILTY LOAM
7"-20" BRN. FINE SANDY LOAM & ROCKS
20"-36" LT. REDDISH BRN. SANDY LOAM & ROCKS

PERCOLATION TEST CONDUCTED BY: H. WEAVER — MPCA. # 551

START 19 NOV. 1990 AM
 TIME: 11:00 6" IN. H/20 DROP LEVEL: REMARKS:

11:00	-		
11:30		$\frac{13}{16}$ "	
11:32	-		REFILL
12:02		$\frac{3}{16}$ "	
12:04	-		REFILL
12:34		$\frac{3}{4}$ "	
12:38	-		REFILL
1:08		$\frac{3}{4}$ "	

PERCOLATION AVERAGE RATE: 40 MPI:



EARTH SCIENCE

858 SW 1st AVE.
FOREST LAKE, MN 55025
464-4902 — 462-2314

PERCOLATION TEST DATA

TEST HOLE NO. P-2
 LOCATION: LOT 2 - BK1
 PREPARED: 18 NOV. 1990 BOTTOM DEPTH: 36
 TEST HOLE DIAMETER: 6 IN.
 TEST HOLE PROFILE: TEXTURE:
0-6" DRK. BRN. FINE SILTY LOAM
6"-36" LT. REDDISH BRN. SANDY LOAM & ROCKS

PERCOLATION TEST CONDUCTED BY: H. WEAVER — MPCA. # 551

START 19 NOV. 1990 AM
 TIME: 11:05 6" IN. H/20 DROP LEVEL: REMARKS:

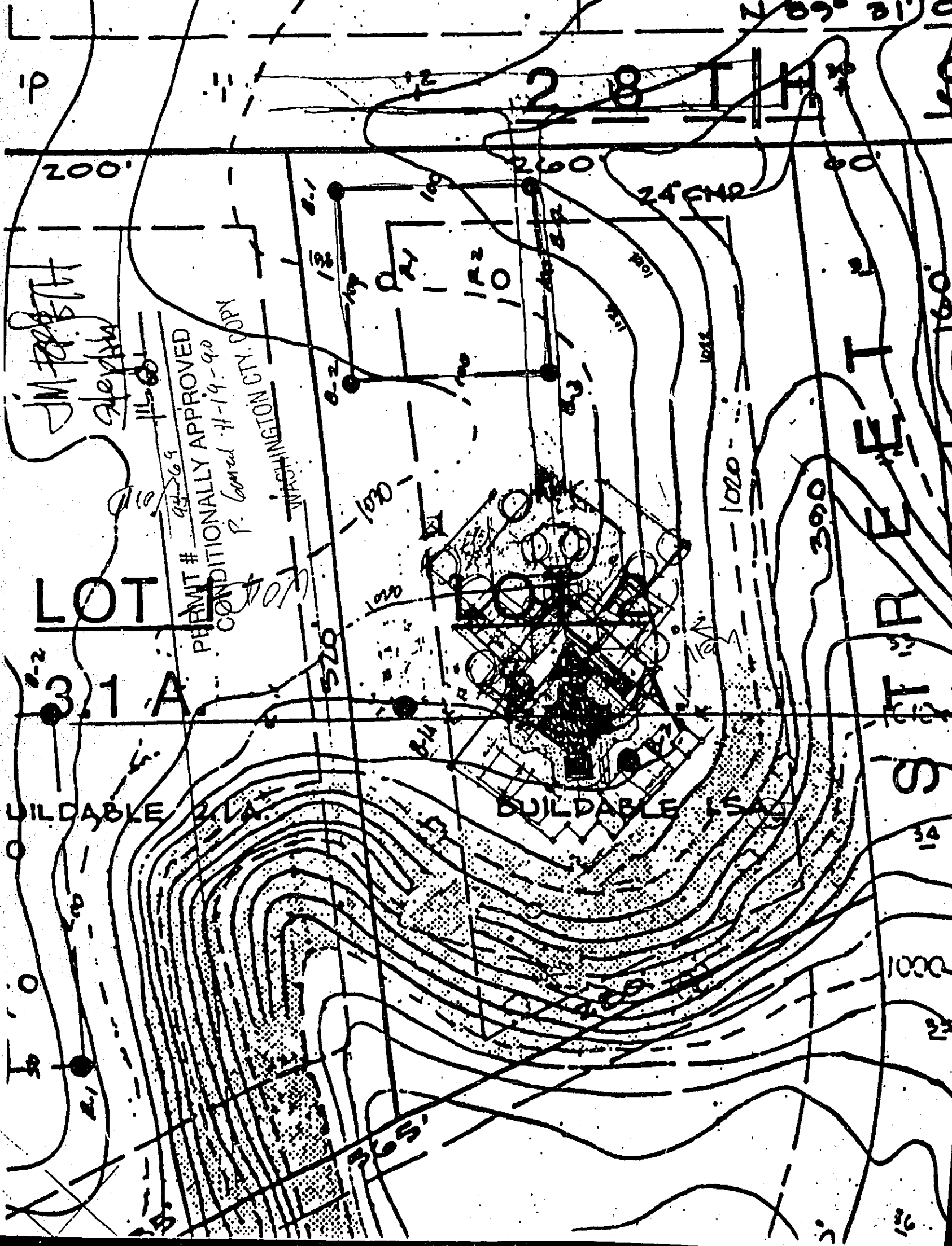
11:05	-		
11:35		$\frac{3}{4}$ "	
11:38	-		REFILL
12:08		$\frac{3}{4}$ "	
12:10	-		REFILL
12:40		$\frac{11}{16}$ "	
12:42	-		REFILL
1:12		$\frac{11}{16}$ "	

PERCOLATION AVERAGE RATE: 43.6 MPI:

LOG OF SOIL BORINGS

BORING NO. 1		BORING NO. 2		BORING NO. 3		BORING NO. 4	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	DRK. BRN. FINE SILTY LOAM	0	DRK. BRN. FINE SILTY LOAM	0	DRK. BRN. FINE SILTY LOAM	0	DRK. BRN. FINE SILTY LOAM
6"		7"		7"		7"	
	BRN. FINE SILTY LOAM		LT. REDDISH BRN. SANDY LOAM & ROCKS		LT. REDDISH BRN. SANDY LOAM & ROCKS		LT. REDDISH BRN. SANDY LOAM & ROCKS
22"							
	LT. RED BRN. SANDY LOAM & ROCKS (Rocky)			36"			
		40"			LT. YELLOW-TAN SANDY LOAM LIMESTONE ROCKS		
			LT. YELLOW TAN FINE SANDY LOAM				
50"						50"	
	LT. YELLOW-TAN FINE SANDY LOAM SMALL LIMESTONE ROCKS						LT. YELLOW TAN FINE SANDY LOAM LIME STONE ROCKS
6:0"		6:0"					
	LIME STONE ROCK - (NO FILTER) END BORING 6:0"		YELLOW. DECOMPOSED LIME STONE (BROKEN ROCK) (NO FILTER) END BORING 6:2"				
		6:2"		7:0"		7:0"	
					LIME STONE (ROCK) END BORING 7:0"		LIME STONE (ROCK) END BORING 7:0"

N 89° 31' 0



JIM [unclear]
Alex [unclear]
 11-6-91

PERMIT # 94-269
 CONDITIONALLY APPROVED
 P. Council 11-19-90
 WASHINGTON CITY COPY

LOT 3.1 A

BUILDABLE 2.1A

BUILDABLE 1.5A

ST R E T

2.8 III

24' (MP)

390

1020

1000

23

36

365'

520

1000

182

182

260

200'

160'

100

36

INDIVIDUAL SEWAGE TREATMENT SYSTEM MINIMUM SPECIFICATIONS SHEET

NAME: LANOSTED HOMES - 431 - 2ND STR. HUDSON WI - 54016 (FURSETH OWNER)

ADDRESS AND/OR LEGAL DESCRIPTION: LOT 2 - BLK 1 FOX RIDGE # 97021 - 2300 M

WASTEWATER FLOW

Estimated 750 gal/day, or
Measured _____ gal/day

(ALT)
(6)

Spacing of trenches 7'-6" ft oc
distribution (check one):
5 drop box
_____ pressurized laterals - complete
PRESSURE DISTRIBUTION SYSTEM section b

SEPTIC TANK

Volume 1-1500 gal

BED

Minimum depth of bed _____ inch
Maximum depth of bed _____ inch
Bottom area for bed having 12 inch
of rock below the distribution pipe
_____ sq ft
Bed Width _____ ft
Bed Length _____ ft

LIFT STATION

Volume 1-1000 gal (IF NEEDED)
Pump: (OR EJECTOR IN BASEMENT)
delivery rate 25.35 gal/min
total head 5'-7' ft
discharge per pumping event 188 gal
Inside diameter of pressure line from pump
to treatment area 2" inches

GROUND

Bottom area for bed having 9 inch of rock
below the distribution pipe _____ sq ft
Bed Width _____ ft
Bed Length _____ ft
Upslope sand base depth _____ ft
Upslope dike width _____ ft
Downslope sand base depth _____ ft
Downslope dike width _____ ft

SOIL

Depth to restricting layer 7.2"
Percolation rate:
_____ min/in at 12 inch depth
_____ min/in at 24 inch depth
40 min/in at 36 inch depth
Land Slope 3.7 %

DRAINFIELD TRENCHES

Minimum depth of trench 36" inch
Maximum depth of trench 36" inch
Bottom area for trenches having 12"
inch of rock below the distribution pipe
1500 sq ft
Trench width 3 ft
Total trench length 500 LN. ft
Number of trenches 5 AT 100' FT EA

PRESSURE DISTRIBUTION SYSTEM

Inside diameter of manifold pipe _____
Perforated lateral _____
inside diameter _____ in
length _____ ft
number _____
spacing _____ in oc
Perforation:
diameter _____ in
spacing _____ in oc

LAYOUT (Site Plan)

(ALT) 6 AT 83' FT

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show pertinent property boundaries, rights-of-way, easements, etc.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system including tanks, trenches, etc.
5. Show location of water supply well.

Specifications and layout have been designed by H. WEAVER Date 29 OCT, 1990

Minnesota Pollution Control Agency Certificate # 551 Exp. Date 1992

APPLICATION FOR PERMIT TO INSTALL SEWAGE TREATMENT SYSTEM

Washington Co. Public Health
Code Enforcement
14900 81st Street North
Stillwater, Minnesota 55082
(612)779-5444

Application Fee - \$75.00
Permit Fee - \$75.00
Additional Reviews - \$25.00/hr. (1 hr. min.)

Note: Subject To
Officials Approval 07 1990

Application Number 98-69

1 Legal Description and Parcel Identification Number 14565 28th St N 97200-2050
LOT 2 - BLK 1 FOX RIDGE ADD. WEST LAKE LAKE - 97200-2050

2 Applicant LANDSTED HOMES Mailing Address 431 240 STR. HUDSON, WI 54016 City HUDSON, WI Zip 54016 Phone 436-6000

3 Owner (if different from Applicant) Mailing Address FURBETH (OWNER) 14565-28th Str. N. STW City STW Zip 55082 Phone

4 Use of Building: NEW HOME Number of Bedrooms or Gallons Per Day 750 POTENTIAL
 Check the following fixtures which are or will be installed:
 Garbage Disposal YES ✓ Recreational Bathing Facility (Jacuzzi, hot tub, etc.) YES

5 Type of Work: X New Alteration Repair Approval Only

6 Has site previously been reviewed by Washington County? No Yes X
 (If previously approved, attach letter of approval) X Approved Denied

The following exhibits are required as part of this application and shall be attached hereto: Percolation Test Logs; Soil Boring Logs; Site Plan drawn to scale showing location of buildings, lot lines, percolation test holes, soil boring holes, proposed location of system and well; 2 Copies of the System Design; and 1 copy of the Final Building Plan. The house and the drainfield areas must be staked. Improper or inadequate test or information will result in delays in processing.

Agreement: The undersigned hereby makes Application for Permit to Install or Extend Sewage Treatment System herein specified, agreeing that all such work shall be done in strict accordance with ordinances and regulations of the County of Washington, Minnesota. Applicant agrees that the Site Plan, Sketches and Design submitted herewith, and which are reviewed by the Washington County Building Official or his agent, together with any requirement and/or restriction made necessary by conditions peculiar to a particular location, shall become a part of the permit. Applicant further agrees to provide access, at reasonable times, to the Building Official or his agent for the purpose of performing inspections required and that no part of the system shall be covered until it has been inspected and accepted. Application is for an installation at a specific location; any deviation from the approved location will void the permit. It shall be the responsibility of the applicant for the permit to notify the Office of the Building Official that the installation is ready for inspection.

11/2/90
Date

[Signature]
Signature of Applicant

FOR OFFICE USE ONLY:

Reviews: Planner: _____ Inspector _____ Date: _____

Site Evaluation:
Soil Boring Evaluation: Depth of Water Table, Seasonal Water Table (Mottled Soil), Impervious Layer or Bedrock: _____

Soils Map Data:	Percolation Test Evaluation:				
	Required (circle)				
Well (including adjacent property)	50'	75'	100'	150'	
Wetland, Pond, Lake, Stream, River, or Bluffline	20'	40'	75'	100'	150'

Conclusions:
 Site Suitable: Site Unsuitable: Additional Tests Required: Verify Use:

NOTES:
 IF QUESTIONS, CALL: 2.78 Acres

TODD OR BRUCE
LANDSTED BLDGS
436-6000

3BR
with sp

FURSETH



WASHINGTON COUNTY

PLANNING DEPARTMENT

GOVERNMENT CENTER

14900 61ST STREET NORTH, P.O. BOX 6 • STILLWATER, MINNESOTA 55082-0006
612/779-5443

Robert J. Lockyear
Planning Coordinator

Allan R. Goodman
Building Official

WL-21-89
97021-2300M

January 10, 1989

Eric Investments
River Bank Junction Bldg.
431 - 2nd Street
Hudson, WI 54016

Dear Mr. Erickson:

I have reviewed the soil test information and the site knows a the proposed 18 lot Fox Ridge Addition subdivision in West Lakeland Township. The results of that testing shows that there is suitable soils on each of the 18 lots for long term sewage treatment for residential construction.

Complete testing was done on each parcel and if the tested areas are utilized, no further testing will be required at the time of construction.

If you have any further questions, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Allan R. Goodman".

Allan R. Goodman
Building Official

ARG/mlp

28TH STREET NORTH

N 89° 31' 02" E 1083.05'

N 1° 09' 19" W 300.04'

LOT 1

LOT 2

LOT 12

LOT 11

3.1 A

2.7 A

2.7 A

2.6 A

BUILDABLE 2.1A

BUILDABLE 1.5A

BUILDABLE 1.8A

BUILDABLE 1.7A

LOT 3

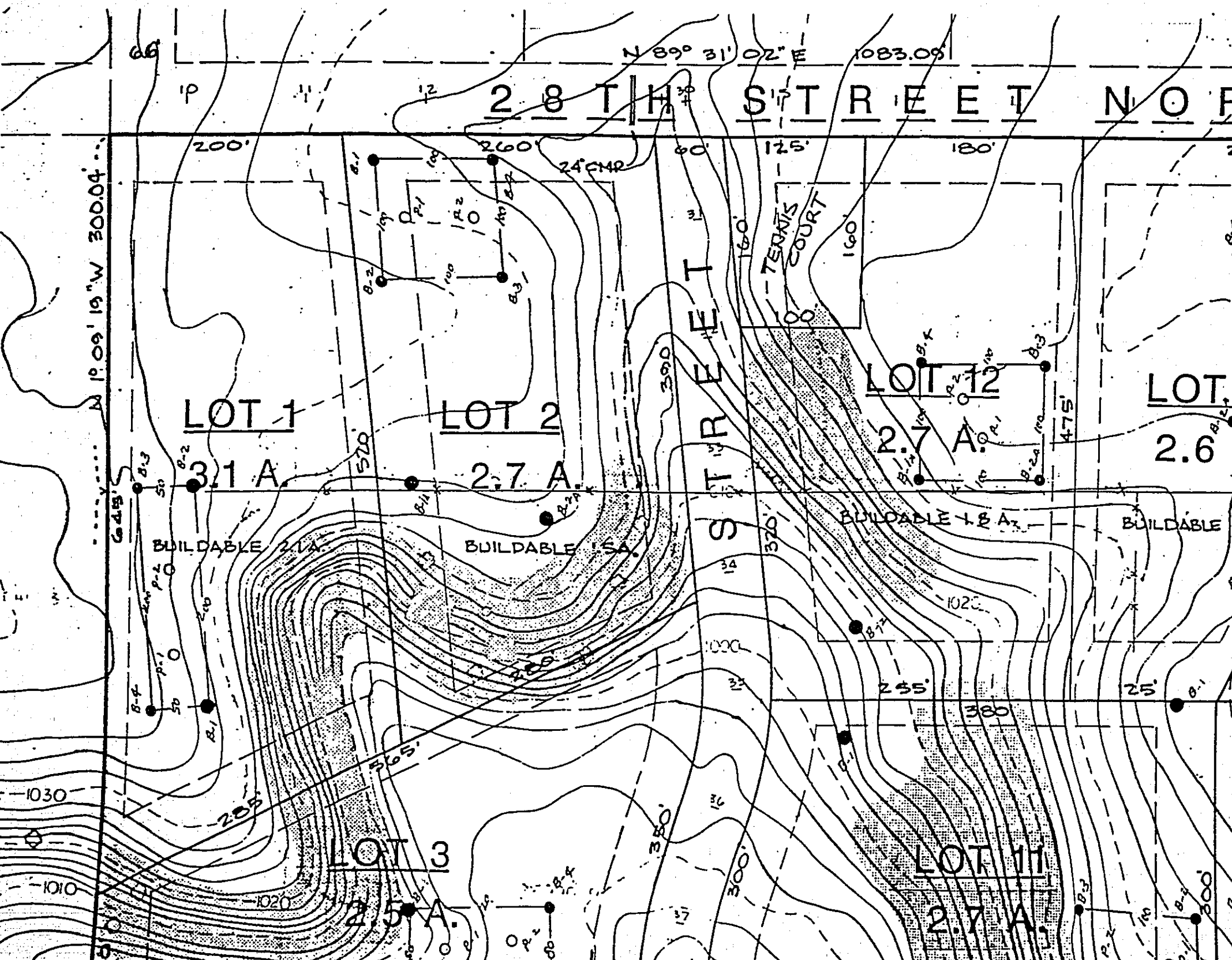
LOT 11

2.5 A

2.7 A

STREET

TENNIS COURT





EARTH SCIENCE

20620 JUNO AVE. NO.
FOREST LAKE, MN 55025
433-2890

PERCOLATION TEST DATA

FOX RIDGE ADDITION

TEST HOLE LOCATION: LOT 2 - BLK 1 NO. # P-1

TEST HOLE PREPARED: 23 NOV 1988 BOTTOM DEPTH 36 "

TEST HOLE DIAMETER: 6 "

TEST HOLE SOIL PROFILE:

TEXTURE:

0 - 7"

DRK. BRN. FINE SANDY LOAM

7" - 36"

LT. GRAY BRN. SANDY LOAM + REFS

PERCOLATION TESTS BY: H. WEAVER - MPCA.# 551

START: 24 NOV 1988 AM
PM

TIME: 11:10 6" IN. H2O DROP LEVEL REMARKS:

TIME	6" IN. H2O	DROP LEVEL	REMARKS
<u>11:10</u>	-		
<u>11:40</u>		<u>2"</u> <u>8"</u>	
<u>11:42</u>	-	-	<u>REFILL</u>
<u>12:12</u>		<u>2"</u> <u>8"</u>	
<u>12:15</u>	-	-	<u>REFILL</u>
<u>12:45</u>		<u>13"</u> <u>16"</u>	

AVERAGE RATE: 37 MPI.



EARTH SCIENCE

20620 JUNO AVE. NO.
FOREST LAKE, MN 55025
433-2890

PERCOLATION TEST DATA

FOX RIDGE ADDITION

TEST HOLE LOCATION: LOT 2 - BLK 1 NO. # P-2

TEST HOLE PREPARED: 23 NOV 1988 BOTTOM DEPTH 36 "

TEST HOLE DIAMETER: 6 "

TEST HOLE SOIL PROFILE:

TEXTURE:

0 - 12"

DRK BRN. FINE SILTY LOAM

12" - 36"

LT. RED BRN FINE SANDY LOAM & ROCKS

PERCOLATION TESTS BY: H. WEAVER - MPCA. # 551

START: 29 NOV 1988

AM
PM

TIME: 11:15 6" IN. H2O DROP LEVEL REMARKS:

TIME	6" IN. H2O	DROP LEVEL	REMARKS
11:15	-		
11:45		3/4"	
11:46	-		REFILL
12:16		3/4"	
12:18	-		REFILL
12:48		3/4"	

AVERAGE RATE: 40 MPI.

LOG OF SOIL BORINGS

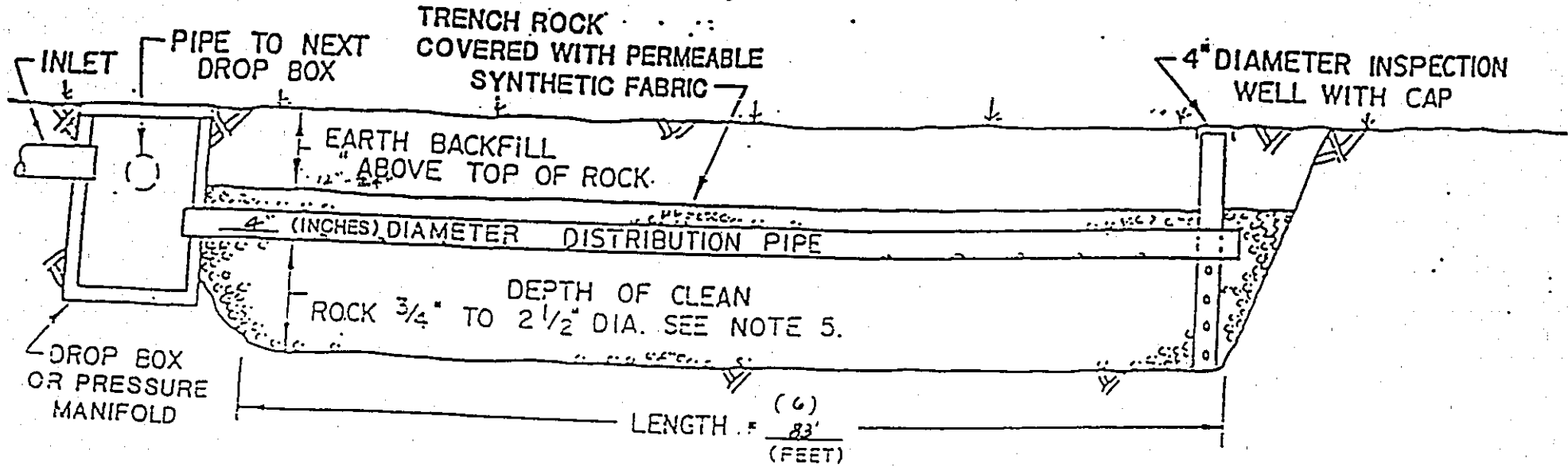
BORING NO. 1A		BORING NO. 2A		BORING NO.		BORING NO.	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	DKL. BRN. FINE SANDY LOAM	0	DKL. BRN. FINE SANDY LOAM	0		0	
5"		8"	LT. YELLOW (DECOMPOSED) (LIME STONE) (SAND)				
38"	LT. BRN. FINE LOAMY SAND	44"	YELLOW. DECOMPOSED LIME STONE SAND LIME STONE PECKS (NON-FILLED)				
	ROCKS	6:6"					
7:0"			QUB-2 6:6"				
	OBSTRUCTION 7:0"						

lot 2

LOG OF SOIL BORINGS

BORING NO. 1		BORING NO. 2		BORING NO. 3		BORING NO. 4	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	Dark brown fine silty loam.	0	Dark brown fine silty loam.	0	Dark brown fine silty loam.	0	Dark brown fine silty loam.
6"							
	Light red brown fine sandy loam.			12"		11"	
		14"	Light red brown fine sandy loam		Light red brown fine sandy loam and rocks.		Light red brown fine sandy loam and rocks.
		28"	Light red brown fine loamy sand				
52"							
	Light yellow tan sandy loam small limestone rocks.						
6'0"							
	obstruct.	6'2"				6'0"	
							obstruct
			Light yellow tan decomposed limestone rock. END	7'0"			
		8'0"		8'0"	Light yellow tan decomposed limestone rock. END		

DRAINFIELD TRENCH

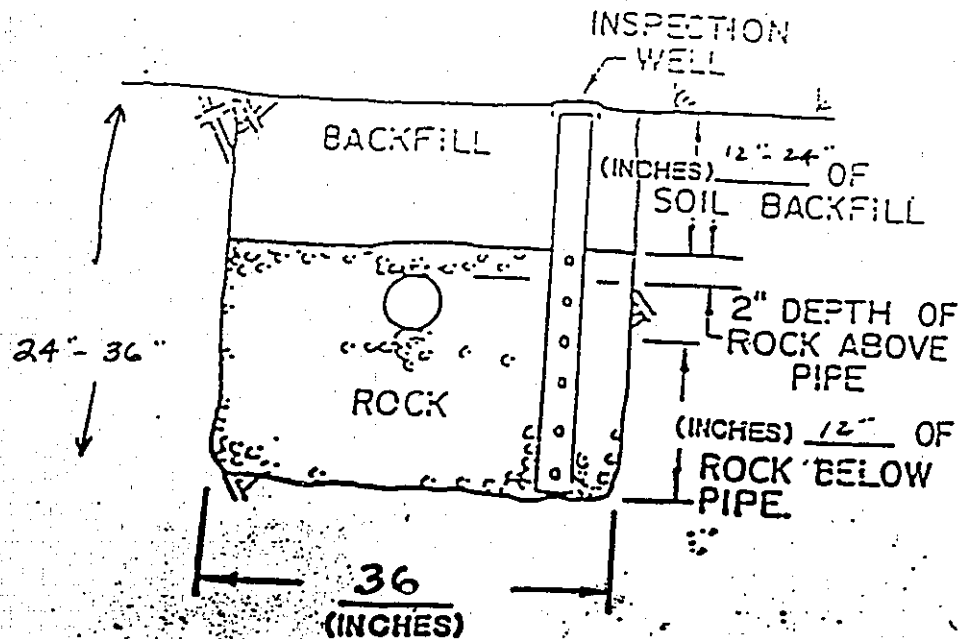


NOTES: 1. BOTTOM OF TRENCH MUST BE LEVEL. TOP OF TRENCH ROCK MUST BE LEVEL.

2. SLOPE ON DISTRIBUTION PIPE IS LEVEL

3. DISTRIBUTION PIPE CAN BE PERFORATED PLASTIC INSTALLED WITH ONE ROW OF HOLES ALONG THE PIPE BOTTOM. PIPE MUST HAVE A BEARING STRENGTH OF AT LEAST 1000 LB/FT.

4. EXCAVATE TRENCHES ONLY WHEN THE SOIL MOISTURE CONTENT DOES NOT EXCEED THE PLASTIC LIMIT AND IN A MANNER THAT LEAVES THE TRENCH BOTTOM AND SIDEWALLS IN A NATURAL, UNSMEARED, UNCOMPACTED CONDITION.



AS-BUILT REPORT INDIVIDUAL SEWAGE TREATMENT SYSTEM

Washington County Code Enforcement
14900 61st Street N.
Stillwater, MN 55082
612/430-6708 or 612/430-6656

Legal Description or Complete Street Address City or Township

Owner Name	Mail Address	City	State	Zip
Jim. Purseth	14565 28th St N.	Stillwater	MN	55082
Installer	Mail Address	City	State	Zip
Roger Timm	Rt 1 Box 192	Wilson	Wis	54077

Septic Tank Information

Tank Manufacturer: Wieser Concrete Prod Liquid Capacity: 1565

Pump Chamber (if installed):

Tank Manufacturer: N/A Liquid Capacity: _____

Horsepower of Pump: _____

Pump Discharge in Gallons Per Minute: _____ at _____ Feet of Head

Type of Warning Device: _____

Number of Gallons Pumped Per Cycle: _____

Drainfield Trench

Width: 3 Length of Each Trench: 100

Depth of Trench Bottom from Finished Grade: 24" - 30"

Method of Distribution: Drop Box

Depth of Rock Under Distribution Pipe: 12"

Area Required: 1500 Area As Built: 1500

Complete site plan on attached sheet. On the site plan, include location of:

structures, septic tank, pump chamber, line from house to tank, line from tank treatment system, distribution lines, distribution or drop boxes, well, and driveway. Show all distances applicable to the sewage treatment system (distance from structure to tank, tank to treatment system, distance between distribution lines, length of distribution lines, and distance between well and sewage treatment system). Indicate NORTH on the site plan and the scale of the plan.

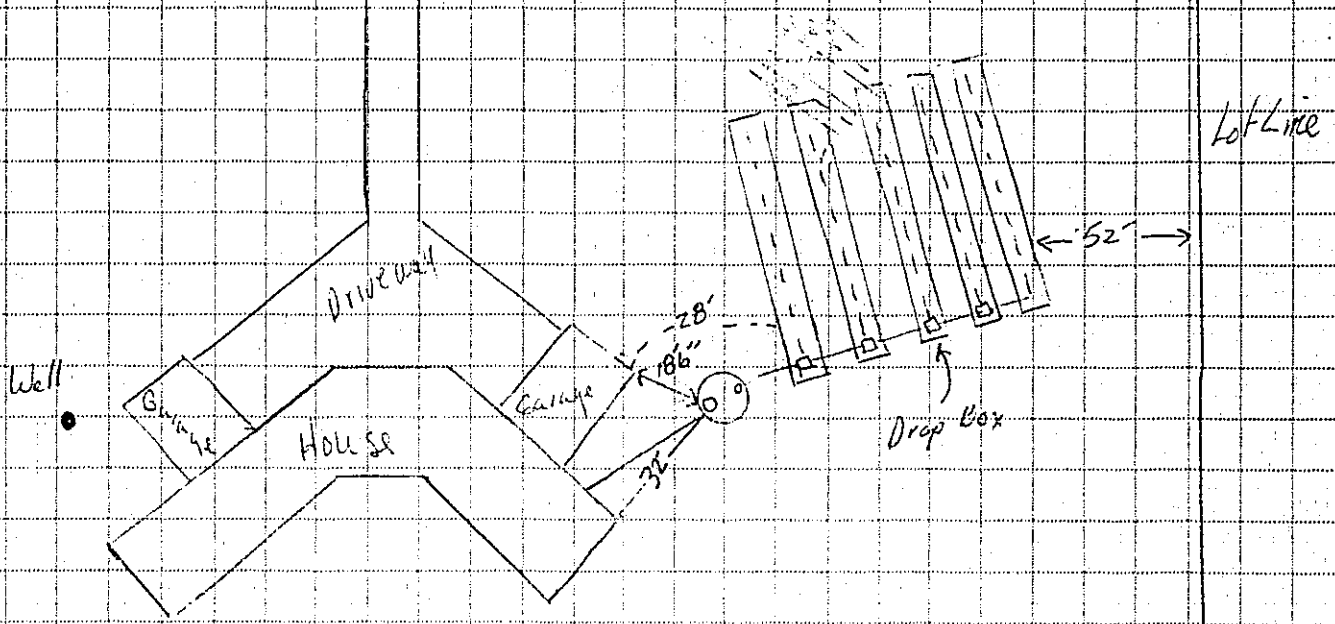
SEPTIC PERMIT NUMBER 9800069

TIMM EXCAVATING
 Route 1 Box 192
 WILSON, WISCONSIN 54027
 (715) 772-3214 (715) 386-5443
 MPRS #3224 WI MPCA #696 MN

JOB handsled homes (Furseth)
 SHEET NO. _____ OF _____
 CALCULATED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 SCALE _____

14565 28th st No 5th, Waukegan MN
 Permit # 9800069

28th st No



- proposed Well Distance from well to septic tank & drainage area 100'
- 1563 gal septic tank
- 5 trenches 3' x 100'

