

Steinbrecher Companies, Inc.

13792 247th Avenue – Zimmerman, MN 55398
Phone (763) 274-0925 Fax (763) 274-0928

Septic Compliance

Date 11/20/2017

Warren Lindman
6610 184th St N
Forest Lake, MN 55025

Project: 6610 184th St N, Forest Lake

Last pumped and cleaned by Olson's, 9/6/16.

A septic compliance was completed at the above address and the system is according to the M.P.C.A codes for chapter 7080, and local codes for The system has the following attributes:

Compliant
Washington County

Date Built: 1,992
Bedrooms: 3
Septic Tank: 1500g
Pump Tank: 1000g
Soil Treatment: Elevated pressure trench system. Built on a filled site, the fill appears to be mound sand or similar material. See attached build file.
Soil separation is more than adequate, perc tests of fill was done.
An alternate site was built at the time of the install.

Steinbrecher Companies, Inc. has been hired to perform a compliance inspection of your ISTS for compliance with local ordinances pursuant to Minn. Stat. § 155.55 (2010). The compliance criteria required by Minn. Stat. § 155.55 Subd. 5a (2010) and Minn R 7080.1500 (2011). A compliance inspection is a snapshot in time of your septic system and does not warrant the condition or longevity of your septic system. Steinbrecher Companies, Inc. disclaims any use of the compliance inspection beyond determining ISTS compliance pursuant to Minn. Stat. § 155.55 (2010).

Sincerely,



Robert Polgreen
Steinbrecher Companies, Inc.



Minnesota Pollution Control Agency
 520 Lafayette Road North
 St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

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

For local tracking purposes:

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

System Status

System status on date (mm/dd/yyyy): 11/20/2017

- 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: 33.032.21.31.0003

Property Address: 6610 184th St N, Forest Lake Reason for inspection: Owner's Request
 Property Owner: Warren Lindman Owner's Phone: 406.580.1026

or
 Owner's Representative: _____ O Representative Phone: -
 Local regulatory authority: Washington County Regulatory authority phone: 651.430.6655
 Brief system description: Raised trench system, 1500g septic, 1000g pump to a bed made of 5+ feet of sand (perc tested) and
 Comments or recommendations: 6- 45' center fed pressure trenches.

Certification

I hereby certify that all 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: Robert Polgreen Certification number: 9037
 Business Name: Steinbrecher Companies, Inc. License number: L2851
 Inspector Signature: Phone number: (763) 274-0925

Necessary or Locally Required Attachments

- Soil boring logs
 System / As-built drawing
 Forms per local ordinance
 Other information (list): aerial photo, cover page.

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

Compliance criteria:

System discharge sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharge sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System cause 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.

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)

Comments / Explanation:

bored to trench media, 18" in depth, 12" rock under the pipe, 6" around it. under the rock is 5+ feet of loose med sand. This was perc tested (results in a letter not included in the attached packet.) The design was approved by the County 7/21/92

2. Tank Integrity - Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, or leaching pit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
See page pits meeting 7080.2550 may be compliant if allowed in local ordinance.	
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:

Any "yes" answer above indicates the system is Failing to Protect Groundwater.

Comments/Explanation:

pump and alarm function properly.
Home owner has had no problems with this system.
Baffles are intact, effluent levels are correct.

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 components #3 of 5

a. Maintenance hole covers are damaged, cracked, unsecured, or appear to 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 conditions as determined by inspector.

- Yes* No

***System is failing to protect groundwater**

Explain:

4. Soil Separation - Compliance component #4 of 5

Date of Installation: 1992 Unknown
Shoreland/Wellhead protection/Food Beverage Lodging? Yes No

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.

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:	<input type="checkbox"/> Yes <input type="checkbox"/> 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:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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))	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	

- Conduct 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:
 top of DF area is 100'

Indicate depths of elevations

A. Bottom of distribution media	34"
B. Periodically saturated soil/bedrock	73.56"
C. System separation	39.56"
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: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No
Have the Operating Permit requirements been met?	
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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 10 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.

Soil Boring Data

6610 184th St N, Forest Lake

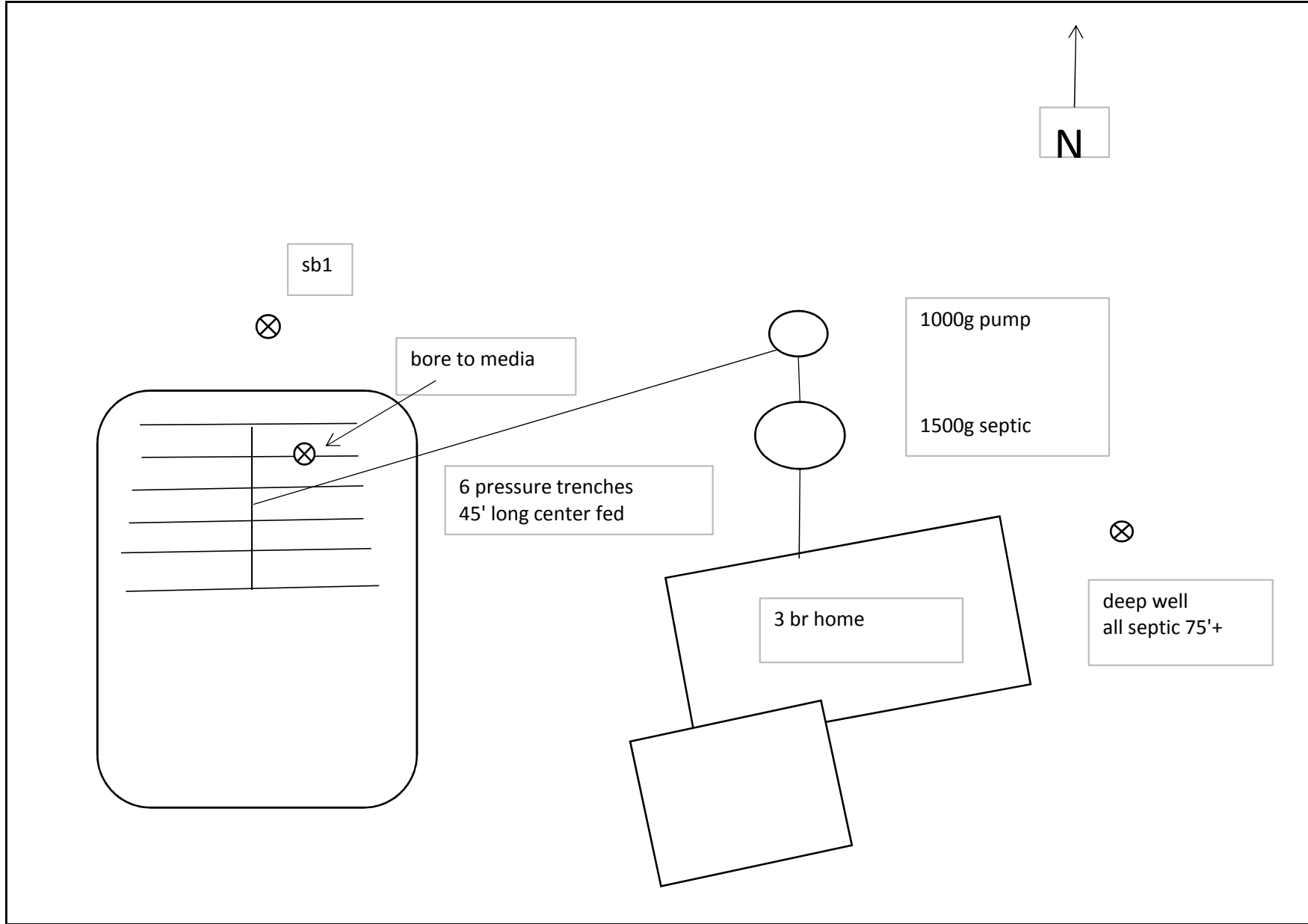
Boring 1		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure
0 - 3"	loamy top soil	10yr 3/3	friable
3 - 4"	clay	10yr4/4	friable to blocky
redox at 4 - 6'	clay	10yr 7/2, 2.1245yr5/6	blocky

Boring 2		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

Boring 3		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

Boring 4		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

6610 184th St N, Forest Lake



Soil Map—Washington County, Minnesota







































Soil Map may not be valid at this scale.

Map Scale: 1:2,110 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

- Area of Interest (AOI)**
-  Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Washington County, Minnesota
 Survey Area Data: Version 12, Oct 4, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 3, 2015—Sep 13, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
75	Bluffton loam	3.1	16.7%
123	Dundas fine sandy loam	6.9	36.6%
225	Nessel fine sandy loam, 1 to 4 percent slopes	8.8	46.6%
Totals for Area of Interest		18.8	100.0%



WASHINGTON COUNTY, MINNESOTA
 Department of Public Health
 FOREST LAKE TOWNSHIP
 SEWAGE PERMIT

PERMIT NUMBER 8492069

Owner : TODD GANZ T & D HOMES
 411 124TH LN NW
 COON RAPIDS MN 55448
 Applicant : TODD GANZ T & D HOMES 612-757-2507

SEWAGE TREATMENT SYSTEM PERMIT 95.00
 ADDITIONAL SOILS REVIEW 25.00
 Total Fees : 120.00
 Total Paid : 25.00
 Total Due : 95.00

84-92069

Lindman

Warren + Darrelle Lindman

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 : 6610 134TH STREET N FOREST LAKE MN 55025

Flow Capacity 450 Gal/Day
 Soil Conditions: Depth to Restriction 60 Inches Perc Rate 5 Min/Inch

Soil Treatment Area Type:
 In Ground N In Fill Y Bed N Drain Field Y

Authorized Work / Special Conditions

- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
- THIS SYSTEM MUST BE INSTALLED BY A CERTIFIED/LICENSED SEWAGE TREATMENT SYSTEM INSTALLER HOLDING A CURRENT LICENSE WITH WASHINGTON COUNTY. (A list of licensed installers is available at your request.)
- System design does not allow for a garbage disposal.

** Permit Expiration Date : Sewage Treatment : 1/22/93

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 90 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 7/22/92 Code Enforcement Officer

INSPECTION RECORD

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

SEWAGE TREATMENT SYSTEM	DATE	INSP.	COMMENTS
Installation	9-30-92	Heath	Tank Size: _____ Treatment Area: _____
As Built			Installer: <i>Subrao</i>

DRIVEWAY	DATE	INSP.	COMMENTS
Access			
Installation			

NOTES:

Tanks installed and covered prior to inspection



WASHINGTON COUNTY, MINNESOTA
Department of Public Health

INSPECTION REQUEST DETAIL

DATE 9/30/92

Requested Date 9/30/92 Requested Time 1:30 Priority 31

Application Number 84 92069

Owner Name TODD GANZ T & D HOMES

Project Address 6610 194TH STREET N
Municipality FOREST LAKE TOWNSHIP

Inspection Type SEPTIC For GULBRAA EXCAV/ 434-7590

Special Instructions 1:00-2:00 REQUESTED

Inspector [Signature] Date 9-30-92 Time _____

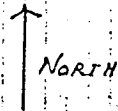
Corrections 1

check to see who does final grade

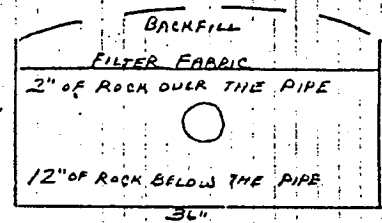
Signature _____

TODD, GANZ
 LOT 5, BLK 1
 184th St. N.
 FOREST LAKE PRE-EMUE
 WASH. Co.

SCALE: 1" = 60'

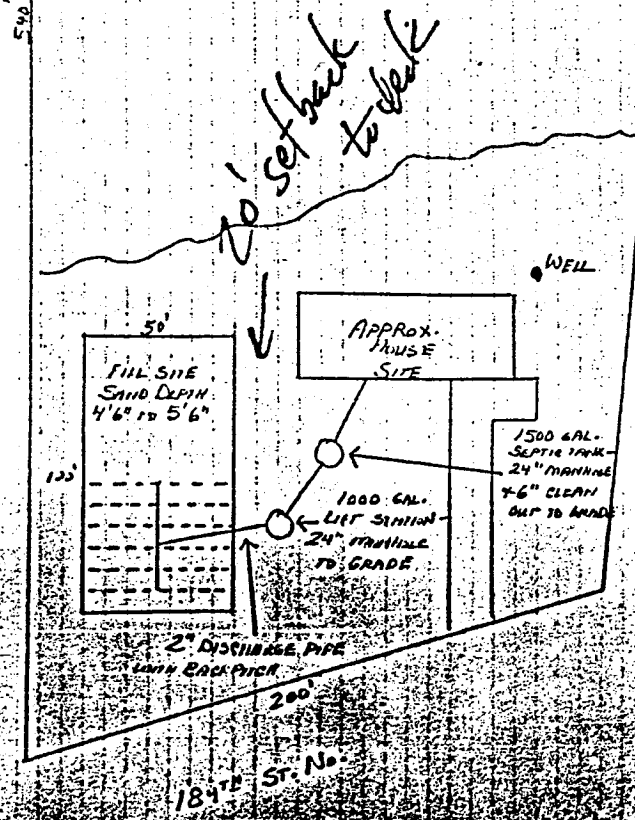


800 SQ. FT. OF DRAINFIELD
 6 TRENCHES - 45' LONG
 36" WIDE - 18" DEEP
 7'6" CENTER TO CENTER TRENCH SPACING
 KEEP BOTTOM OF TRENCH LEVEL
 NOTE - IF A GARBAGE DISPOSAL IS USED,
 AN ADDITIONAL 1500 GALLON
 SEPTIC TANK WILL BE NEEDED.



DRAINFIELD CROSS SECTION
 NO SCALE

2" PRESSURIZED PIPE -
 1/4" HOLES 36" IN CENTER



PERMIT # 84 92069
 CONDITIONALLY APPROVED
 P. Cancel 7-21-92

WASHINGTON CTY. COPY

INDIVIDUAL SEWAGE TREATMENT SYSTEM MINIMUM SPECIFICATIONS SHEET

NAME:

TODD GANZ

ADDRESS AND/OR LEGAL DESCRIPTION:

LOT 5 BLK 1 184TH ST N.
FOREST LAKE PARCELS
FOREST LAKE TOWNSHIP

WASTEWATER FLOW

Estimated 450 gal/day, or
Measured _____ gal/day

Spacing of trenches _____ ft oo
Distribution (check one):
 drop box
 pressurized laterals - complete
PRESSURE DISTRIBUTION SYSTEM section below

SEPTIC TANK

Volume 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

LIFT STATION

Volume 1000 gal
Pump: 3 H.P.
delivery rate 45 gal/min
total head 6-10 ft
discharge per pumping event 115 gal
Inside diameter of pressure line from pump
to treatment area 2 inches

Bed Width _____ ft
Bed Length _____ ft

SOIL

Depth to restricting layer 5' + *FILL SITE*
Percolation rate:
_____ min/in at 12 inch depth
_____ min/in at 24 inch depth
5 min/in at 18 inch depth
Land Slope 1-2 %

MOUND

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

DRAINFIELD TRENCHES

Minimum depth of trench 18 inch
Maximum depth of trench 18 inch
Bottom area for trenches having 12
inch of rock below the distribution pipe
800 sq ft
Trench width 3 ft
Total trench length 45 ft
Number of trenches 6

PRESSURE DISTRIBUTION SYSTEM

Inside diameter of manifold pipe 2 in
Perforated lateral
inside diameter 2 in
length 43 ft
number 6
spacing _____ in oo
Perforation:
diameter 1/4 in
spacing 30 in oo

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 DALE EKUN Date 7-11-94

Minnesota Pollution Control Agency Certification No. 1695 Exp. Date 1992



APPLICATION FOR PERMIT TO INSTALL SEWAGE TREATMENT SYSTEM

JUL 13 1992

PUBLIC HEALTH

WASHINGTON COUNTY PUBLIC HEALTH
14900 - 61ST STREET N., P.O. BOX 6
STILLWATER, MN 55082-0006
(612) 430-8708

FOR COUNTY USE ONLY

Application Number 84-22069

Application Fee - \$95.00
Permit Fee - \$95.00
Mound Permit - \$140.00

Pdkw
Additional Reviews - \$25.00/hr. (1 hr. min.)
Subdivision Fee - \$100.00 + \$50.00/lot

Make checks payable to WASHINGTON COUNTY TREASURER

Legal Description and Parcel Identification Number
*FOREST LAKE PRESERVE ESTATES
LOT 5 BLOCK 1 184TH ST. NORTH
SEC. 32- TWP 32- RA 21
FOREST LAKE TOWNSHIP* **81220-2175**

Applicant *TODD GANZ
T+D HOMES* Mailing Address *411 124TH LANE NW* City *COON RAPIDS* State *MN* Zip *55448* Phone *757-2567*

Owner (if different from applicant) Mailing Address City State Zip Phone

Use of Building: HOME Number of Bedrooms or Gallons Per Day: 3 BED

Check the following fixtures which are or will be installed:
Garbage Disposal _____ Recreational Bathing Facility (Jacuzzi, hot tub, etc.) _____

Type of Work: New Alteration Repair Approval Only

Has site previously been reviewed by Washington County? No Yes
(If previously approved, attach letter of approval) FILL SITE 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 area must be staked. Improper or inadequate test 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.

Brian Johnson
Signature of Applicant (This form must be signed.)

7/13/92
Date

Equal Employment Opportunity/Affirmative Action

FOR OFFICE USE ONLY:

Reviews: Planner _____ Inspector 7-17-92 Date 7-17-92

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 Shuffline	20'	40'	75'	100'	150'

Conclusions: Site Suitable: Site Unsuitable: _____ Additional Tests Required: _____ Verify User: _____

NOTES:
OK - Fill placed as proposed

GRADING PERMIT
FRANK BIEDNY / T & D HOMES, INC.

PERMIT #84-92058
JUNE 30, 1992

OWNER: FRANK BIEDNY
APPLICANT: T & D HOMES, INC.
PARCEL NUMBER: 81220-2175
LEGAL DESCRIPTION: LOT 5, BLOCK 1
FOREST LAKE PRESERVE ESTATES
SECTION 32, T32N, R21W
FOREST LAKE TOWNSHIP

SPECIAL CONDITIONS

1. This permit allows for filling for a modified septic system drainfield.
2. Fill shall be placed in area shown on the submitted site plan.
3. Minimum filled area of 4' 6" high finished level over an area of 50' by 100' with a minimum of 3 to 1 side slopes on all 4 sides.
4. The fill material must be selected and placed under the supervision of certified soil tester, Dale Eklund.
5. A crawler or track type tractor must be used for all fill placement and surface roughing.
6. All vegetation in excess of 4 inches in length and dead organic debris must be removed from the surface of the total area selected for the fill, including the area under the banks. The total area must be roughened by plowing to a depth of at least 8 inches or the sod layer broken and roughened by backhoe teeth. Furrows must be thrown uphill and there must be no dead furrow under the fill area. The soil must be plowed or roughened when the moisture content of a fragment 8 inches below the surface is below the plastic limit. The soil under the fill, including the area under the banks, must not be roughened by rototilling or pulverizing. Fill placement must proceed immediately after surface preparation is completed. The original soil must not be excavated or moved more than one foot from its original location during soil surface preparation.
7. At least 6 inches of sand must be pushed into place and kept under the crawler tractor to minimize compaction of the plowed layer.

Grading Permit
Frank Biedny / T & D Homes
Permit #84-92058
June 30, 1992
Page 2

8. A detailed letter, signed by Mr. Eklund, verifying that the fill has been placed in accordance with the above requirements shall be required in addition to the results of at least 2 percolation tests at 18 inches to 24 inches into the fill.
9. This permit in no way guarantees or implies approval of a septic permit, building permit, or subdivision approval.

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

Lot 5 Block 1 184th St N F.L. Preserve Forest Lake
Owner Name Mail Address City State Zip

Todd Ganz 411 124th Ln NW Coon Rapids MN 55448
Installer Mail Address City State Zip

Harry Gulbraa 17125 Lexington Ave Ham Lake MN 55304
Septic Tank Information

Tank Manufacturer: Gilbertson Liquid Capacity: 1650 gals

Pump Chamber (if installed):

Tank Manufacturer: Gilbertson Liquid Capacity: 1000 gals

Horsepower of Pump: 1/3 HP

Pump Discharge in Gallons Per Minute: 47 at 26 Feet of Head

Type of Warning Device: Alarm

Number of Gallons Pumped Per Cycle: 125

Drainfield Trench

Width: 36" Length of Each Trench: 45'

Depth of Trench Bottom from Finished Grade: 18" to sand fill

Method of Distribution: pressure

Depth of Rock Under Distribution Pipe: 12"

Area Required: 800 sq ft Area As Built: 50' X 100

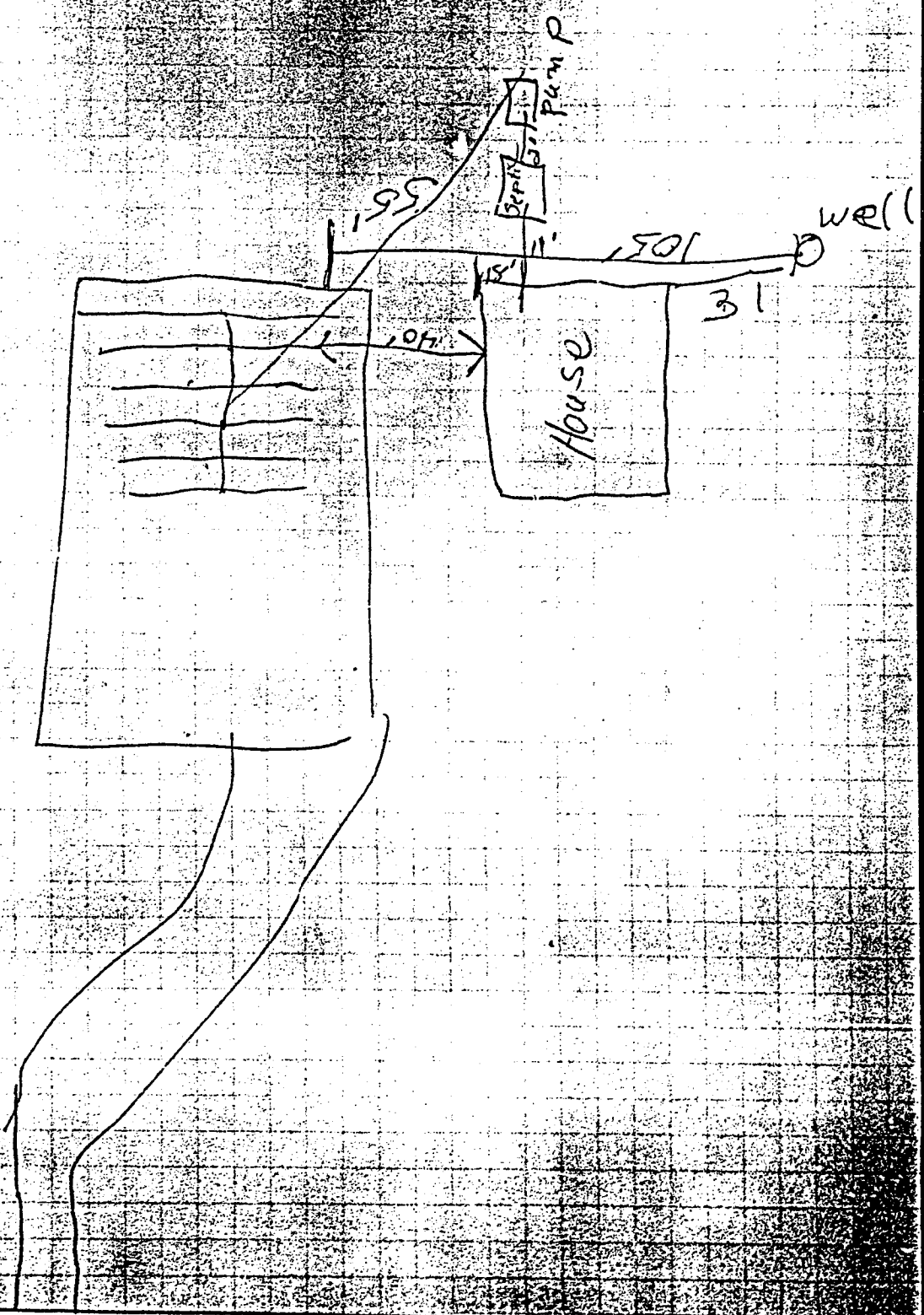
Complete site plan on attached sheet. On the site plan, include location of:

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.

CEASBUILT LSR-DC 691

SEPTIC PERMIT NUMBER 8492069

N



184