030043001

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 03.0043.001 911 Address _____

Legal Description: Pt SW¼ NE¼; Begat SE Cor Section 6 TWP 138N Range 40W

Lake Name None Lake Classification None Township Name Burlington

Owner's Name Randy Schultz Address 15786 Meadow Lane

City Detroit Lakes State/Zip MN56501 Phone Number 846-1865

Number of Bedrooms 4
Design Flow 600 GPD

Well Casing Depth _____
Depth of other Wells within 100 ft of system None

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 > 82"
Maximum of Depth of System 48"
Perc Rate _____ Soil Sizing Factor .85

Proposed Design
( ) Replace Septic Tank
( ) Septic Tank/Drainfield
(X) Drainfield Only
( ) Holding Tank
( ) Lift Station

Type of Drainfield
(X) Standard (gravelless chamber)
( ) Standard (rock depth _____)
( ) Standard Bed
( ) Mound ( ) At Grade
( ) Pressurized Bed

SOIL BORING LOG

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
1-7	Sandy loam	10YR 3/2 Very Dark grayish Brown	(BLOCKY) PLATY PRISMATIC NONE
7-31	Sand	10YR 3/6 Dark Yellowish Brown	BLOCKY PLATY PRISMATIC (NONE)
31-45	Sand	10YR 4/6 Dark Yellowish Brown	BLOCKY PLATY PRISMATIC (NONE)
45-82	Sand	10YR 6/3 Pale Brown	BLOCKY PLATY PRISMATIC (NONE)

SOIL BORING LOG

DEPTH (INCHES)	TEXTURE	COLOR & MUNSELL NO.	STRUCTURE
1-15	Sandy Loam	10YR 3/2 Very Dark Grayish Brown	(BLOCKY) PLATY PRISMATIC NONE
15-35	Sand	10YR 3/6 Dark Yellowish Brown	BLOCKY PLATY PRISMATIC (NONE)
35-50	Sand	10YR 5/6 Yellowish Brown	BLOCKY PLATY PRISMATIC (NONE)
50-82	Sand	10YR 6/4 Light Yellowish Brown	BLOCKY PLATY PRISMATIC (NONE)

Attach Perc Test Information If Required

Name and Address of Designer Richard Vareberg Detroit Lakes Phone 847-7372

MPCA Number 1910 Date of Site Evaluation 10-31-00 Signature of Designer R. J. Vareberg

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 10/31/00 Application Fee 75.00 State Surcharge 1.50 Total 75.50

[ ] Application is hereby denied
[X] Application is hereby granted to R. Schultz 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:

Debi Moltzan
Signature of Becker County Qualified Employee

11/1/00
Date Permit Issued

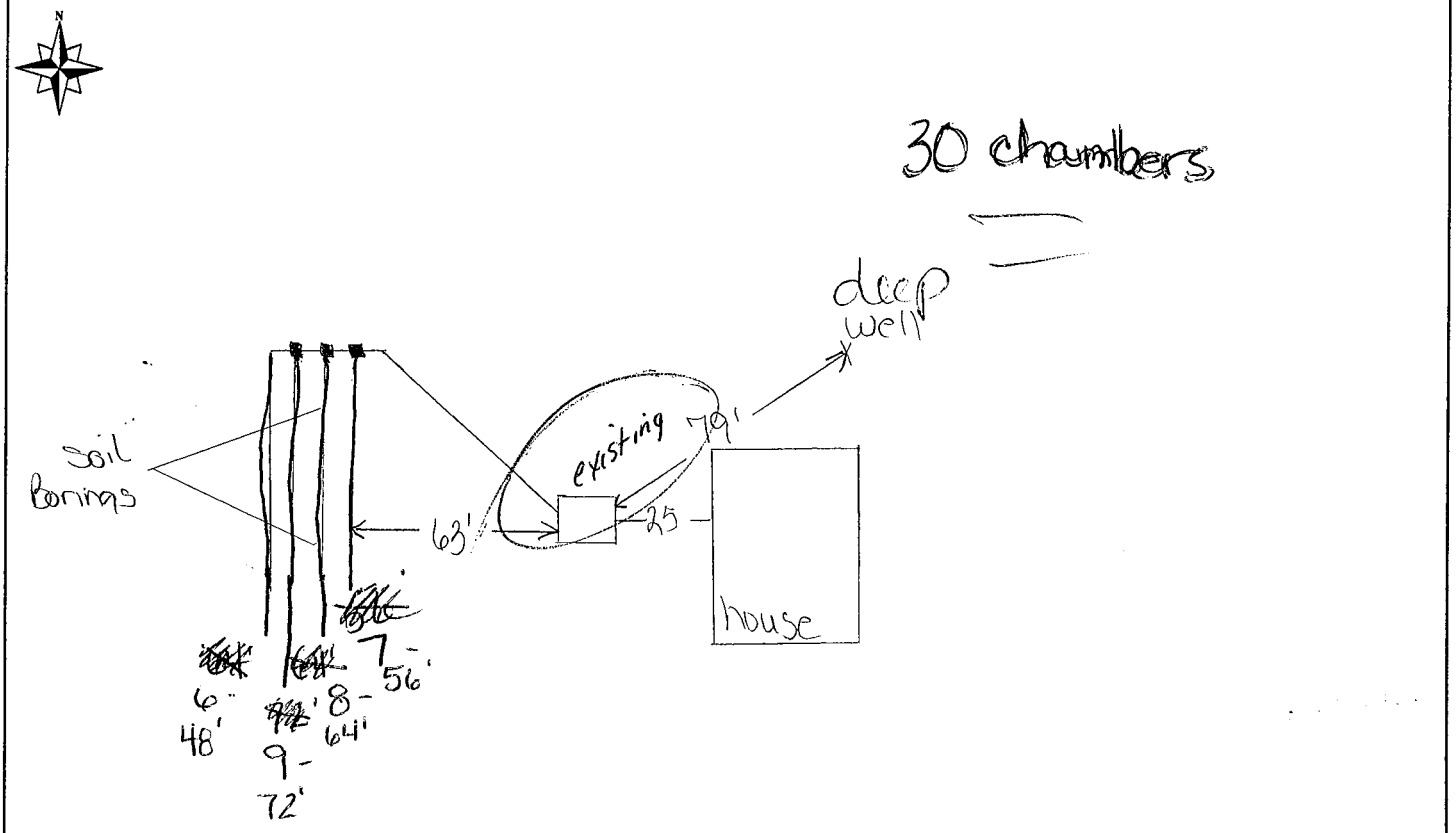
15563
Permit Number

This permit expires on 11/1/01

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

*Scale - One inch = 50 ft

*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
*Location of any Unsuitable Soil
*Soil Borings & Per Test Locations
*Alternate Drainfield Location



4 runs EQ 36
60' long
22" chamber

existing

	Tank (estimated)	Tank (actual)	Drainfield (estimated)	Drainfield (actual)
Distances to Well	79'		142'	+50'
Distance to Building	25'		58'	+20'
Distance to Property Line	720'		720'	+10'
Distance to Pressure Line	720'		720'	+20'
Distance to Ordinary High Water				

Tank size existing
Lift station size
Drainfield size 750 sq ft. (30 chamb.)
Pump HP
Date Installed 11/3/00

FOR USE BY BECKER COUNTY ENVIRONMENTAL SERVICES DEPARTMENT ONLY

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.

Nancy Young — Signature
Zoning Inspector — Title
11/3/00 — Date

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

BECKER COUNTY PLANNING & ZONING
829 Lake Avenue, P O Box 787
Detroit Lakes, MN 56502-0787
Phone (218) 846-7314, Fax (218) 846-7266

Onsite Septic System Site Evaluation/Design

Fire Number _____
Tax Parcel Number 803.0043.001

Legal Description:
PT. SW1/4 OF NE1/4; BEG. AT SE COR TH W 1327.10' TO W. COR, N 531.28, E TO S 16.27 AC

Lake/Stream Name	Lake/Stream Class	Section	TWP	Range	Township Name
N/A	—	06	138N	40W	BURLINGTON

Property Owner	Address	City, State, Zip Code	Phone Number
RANDY SCHULTZ	P.O. BOX 1777	DETROIT LAKES, MN 56502	218.846.1865

ISTS Designer I / Designer II	License Number	Address	Phone Number
MICHAEL HAUGHT	770	P.O. BOX 2; DET. LKS., MN 56502	847.7391

Site Plan

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

- ✓ All Wells within 100 feet of the System
- ✓ Distance from all Wells within 100 ft of System
- ✓ Existing & Proposed Buildings
- ✓ Easements
- ✓ Distance from Water Lines within 50 ft of System(existing & proposed)
- N/A Distance from OHW
- ✓ Distance from Property Lines
- ✓ Location of any Unsuitable Disturbed/Compacted Soil
- ✓ Soil Boring & Perc Test Locations
- ✓ Dimensions of Lot
- ✓ Tank Access Route
- ✓ Scale - One inch = 20 ft

SOIL INFORMATION

TEST HOLE #1				TEST HOLE #2			
DEPTH IN INCHES	SOIL TEXTURE	MUNSELL COLOR	STRUCTURE	DEPTH IN INCHES	SOIL TEXTURE	MUNSELL COLOR	STRUCTURE
0-3	SAND (TOPSOIL)	10YR 4/4	BLOCKY PLATY PRISMATIC ~~NONE~~	0-6	SAND (TOPSOIL)	10YR 4/4	BLOCKY PLATY PRISMATIC ~~NONE~~
3-52	SAND	10YR 6/3	BLOCKY PLATY PRISMATIC ~~NONE~~	6-52	SAND	10YR 6/3	BLOCKY PLATY PRISMATIC ~~NONE~~
			BLOCKY PLATY PRISMATIC NONE				BLOCKY PLATY PRISMATIC NONE
			BLOCKY PLATY PRISMATIC NONE				BLOCKY PLATY PRISMATIC NONE
Depth to standing water	N/A - NOT OBSERVED			Depth to standing water	N/A - NOT OBSERVED		
Depth to mottling	+52"			Depth to mottling	+52"		

Describe the surface features (slope, runoff, weather conditions, vegetation type, evidence of compaction, etc.)
LAWN AREA (S.W. FACING @ 10-12 % SLOPE TO WEST)

SYSTEM IS (✓) NEW ( ) REPAIR SYSTEM DESIGN (✓) GRAVITY FLOW ( ) PRESSURE DISTRIBUTION

WATER USES:
(✓) WASHING MACHINE
(✓) DISHWASHER
(✓) WATER SOFTENER
( ) GARBAGE DISPOSAL

TYPE OF RESIDENCE
(✓) TYPE I ( ) TYPE II
( ) TYPE III ( ) TYPE IV

NUMBER OF BEDROOMS 4
NUMBER OF BATHROOMS 2
TOTAL SQ. FT OF STRUCTURE 2500
TANK SIZE 1000
LIFT STATION SIZE N/A
SOIL TREATMENT AREA SIZE 540 SQ FT
DOSE VOLUME N/A

DEPTH OF SYSTEM 16"
SYSTEM DESIGN FLOW 600 GPD
SOIL SIZING FACTOR .83
PUMP SIZE N/A
LENGTH OF LIFT LINE N/A
TOTAL DYNAMIC HEAD N/A

WELL INFORMATION-Property's Well DEPTH OF WELL +50
TYPE OF WELL DRILLED - DEEP

Neighboring wells (within 100 ft of system) Depth of Wells NONE WITHIN 100
Type of Wells NONE OTHER

Name of Designer I
Designer II MICHAEL Hamm
MPCA Number [illegible]-770

Date of Site Evaluation 16 JULY 96
Phone 218.847.7391

I certify that the site evaluation has been completed in accordance with all provisions of ISTS Minnesota Rules Chapter 7080.

Signature of Evaluator [signature] Date 16 July 96

For Office Use Only

Date Site Evaluation / Design received 7/16/96 Received by Debi Molle

Date Site Evaluation approved 7/16/96 Approved by Debi Molle

INDIVIDUAL SEWAGE TREATMENT SYSTEM WORKSHEET

FLOW

A. Estimated 600 gpd
measured _____ x 1.5= _____ gpd

SEPTIC TANK VOLUME

B. 1000 gallons (POLYETHYLENE ALLEGS RESTRICTIONS)

SOILS (Site evaluation data)

C. Depth to restricting layer = +52' feet
D. Maximum depth of system C - 3 ft = 3'-10" feet
E. Texture SAND Percolation rate 1.11 MPI
F. SSF .83 sq ft/gpd
G. Slope 10-12%

TRENCH BOTTOM AREA

H. For trenches with 6 inches of rock below the pipe:
A x F = _____ x _____ = _____ sq ft of bottom area

I. For trenches with 12 inches of rock below the pipe:
A x F x 0.8 = _____ x _____ x 0.8 = _____ sq ft of bottom area

N/A

J. For trenches with 18 inches of rock below the pipe:
A x F x 0.66 = _____ x _____ x 0.66 = _____ sq ft of bottom area

K. For trenches with 24 inches of rock below the pipe:
A x F x 0.6 = _____ x _____ x 0.6 = _____ sq ft of bottom area

BED BOTTOM AREA

L. For seepage beds with 6 or 12 inches of rock below the pipe;
1.5 x A x F = 1.5 x _____ x _____ = _____ sq ft of bottom area

ROCK VOLUME IN CU FT

M. Rock depth below distribution pipe plus 0.5 foot times bottom area:
M =Rock depth + 6 inches x Area (H,I,J,L,K)
(_____ + 0.5 ft) x _____ = _____ cu ft

N/A

ROCK VOLUME IN CU YDS

N. Volume in cu ft divided by 27
M ÷ 27 = cu yds ___ ÷ 27 = _____ cu yds

ROCK WEIGHT

O. Cubic yards times 1.4 = tons
N x 1.4 = tons _____ x 1.4 = _____ tons

SYSTEM LENGTH

P. Select trench width = _____ ft

Q. Divide bottom area by trench width: (H, I, J, or K) ÷ P = lineal feet
___ ÷ ___ = ___ lineal feet

Q1. Gravelless Design
A x F ÷ (3 for 10" pipe, 2 for 8" pipe , width of the Chamber)
600 x .83 ÷ 3 = 166 feet
USE 180 L.F. MY DECISION

LAWN AREA

R. Select trench spacing, center to center = 6 feet

S. Multiply trench spacing by lineal feet R x Q = sq ft of lawn area
6 x 180 = 1080 sq ft

If the site evaluation determines a mound system, please attach the mound design worksheets.

Estimated Sewage Flows in Gallons per day (gpd)				
Number of Bedrooms	Type I	Type II	Type III	Type IV
2	300	225	180	60% of the values in Type I, II or III columns
3	450	300	218	
4	600	375	256	
5	750	450	294	
6	900	525	332	
7	1050	600	370	
8	1200	675	408	

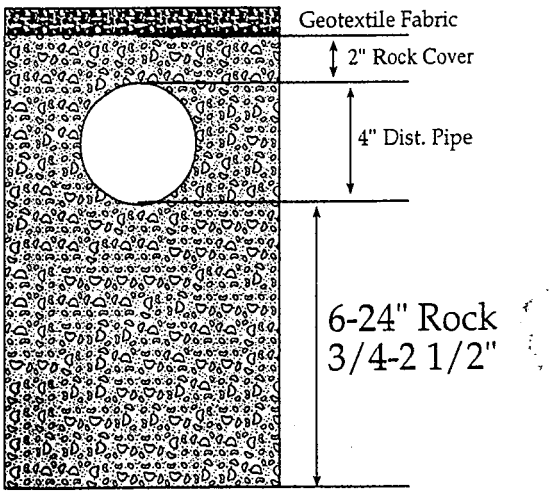
Septic Tank Capacities (in gallons)		
Number of Bedrooms	Minimum Liquid Capacity	Liquid capacity with garbage disposal
2 or less	750	1125
3 or 4	1000	1500
5 or 6	1500	2250
7, 8 or 9	2000	3000

Soil Characteristics and Required Areas for Sewage Treatment

Percolation Rate in Minutes per Inch (MPI)	Soil Texture	Square feet per gallon per day
Faster than 0.1 *	Coarse Sand	-----
0.1 to 5	Sand	0.83
0.1 to 5	Fine Sand **	1.67
6 to 15	Sandy Loam	1.27
16 to 30	Loam	1.67
31 to 45	Silt Loam	2.00
46 to 60	Clay Loam	2.20
Slower than 60***	Clay	-----

* Soil too coarse for sewage treatment. Use systems for rapidly permeable soils.
** Soil having 50% or more of fine sand plus very fine sand.
***Soil with too high a percentage of clay for installation of an inground standard system.

6 inches= 0% Reduction*
12 inches= 20% Reduction
18 inches= 34% Reduction
24 inches= 40% Reduction
* sizing for gravelless trench



18-36" Width

- PERCOLATION TEST SHEET -

Test hole location E. DRAINFIELD Hole # 1 Date test hole was prepared: 16 JULY 96

Depth of hole bottom: 10 inches Diameter of hole: 4 inches

Soil Data from test hole:

depth, inches	soil texture:	soil color
0-7	SAND-TOPSOIL SAND-	BROWN YELLOWISH BROWN

Method of scratching sidewall: N/A-SAND Depth of pea size gravel in bottom of hole: 2 inches

Date and hour of initial water filling: 7:00 7/16 Depth of initial water filling: 10" above hole bottom

Method used to maintain 12" of water depth in hole for 4 hours: N/A-SAND

Percolation test conducted by; MICHAEL + SCOTT Percolation test started at 7:05 ~~am~~ (pm)

Maximum water depth above hole bottom during test: 10 inches

TIME	INTERVAL (MINUTES)	WATER DEPTH	WATER DROP (fraction)	WATER DROP (decimal)	PERC RATE CALCULATION
7:05 7:14	START 10	10 3/4"	9 1/4"	9.25	10 TIME ÷ 9.25 DROP (Decimal) = 1.08 PERC A
7:15 7:25	REFILL 10	10" 3 1/16	9 3/16	9.19	10 TIME ÷ 9.19 DROP (Decimal) = 1.09 PERC B
7:25 7:35	REFILL 10	10" 3 1/16	9 3/16	9.19	10 TIME ÷ 9.19 DROP (Decimal) = 1.09 PERC C
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC D
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC E
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC F
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC G
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC H

conversions: 1/16 = .06; 1/8 = .13; 3/16 = .19; 1/4 = .25; 5/16 = .31; 3/8 = .38; 7/16 = .44; 1/2 = .5; 9/16 = .56; 5/8 = .63; 11/16 = .69; 3/4 = .75; 13/16 = .81; 7/8 = .88; 15/16 = .94

Ten Percent Calculation *

A,B,C: 1.09 (Largest # of ABC) − 1.08 (Smallest # of ABC) = .01; 1.08 (Smallest # of ABC) × 0.10 = .11	B,C,D: Largest # of BCD − Smallest # of BCD = ____; Smallest # of BCD × 0.10 = ____
C,D,E: Largest # of CDE − Smallest # of CDE = ____; Smallest # of CDE × 0.10 = ____	D,E,F: Largest # of DEF − Smallest # of DEF = ____; Smallest # of DEF × 0.10 = ____
E,F,G: Largest # of EFG − Smallest # of EFG = ____; Smallest # of EFG × 0.10 = ____	F,G,H: Largest # of FGH − Smallest # of FGH = ____; Smallest # of FGH × 0.10 = ____

* If the top number in each set of boxes is larger than the bottom number then take another reading. If the top number is equal or smaller than bottom number, average the three numbers for the perc rate.

PERC. = 1.09

- PERCOLATION TEST SHEET -

Test hole location W. DRAINFIELD Hole # 2 Date test hole was prepared: 16 JULY 96

Depth of hole bottom: 10 inches Diameter of hole: 4 inches

Soil Data from test hole:

depth, inches	soil texture:	soil color
0-6	SAND-TOPSOIL	BROWN
6-52	SAND	YELLOWISH BROWN

Method of scratching sidewall: N/A-SAND Depth of pea size gravel in bottom of hole: 2 inches

Date and hour of initial water filling: 7:00 7/16 Depth of initial water filling: 2 above hole bottom

Method used to maintain 12" of water depth in hole for 4 hours: N/A-SAND

Percolation test conducted by; MICHAEL + SCOTT Percolation test started at 7:06 ~~am~~ (pm)

Maximum water depth above hole bottom during test: 10 inches

TIME	INTERVAL (MINUTES)	WATER DEPTH	WATER DROP (fraction)	WATER DROP (decimal)	PERC RATE CALCULATION
7:06 7:16	START 10	10" 1"	9	9.00	10 TIME ÷ 9.00 DROP (Decimal) = 1.11 PERC A
7:16 7:26	REFILL 10	10" 1 1/16"	8 15/16	8.94	10 TIME ÷ 8.94 DROP (Decimal) = 1.12 PERC B
7:26 7:36	REFILL 10	10" 1"	9	9.00	10 TIME ÷ 9.00 DROP (Decimal) = 1.11 PERC C
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC D
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC E
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC F
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC G
____ ____	REFILL ____	____ ____	____	____	TIME ÷ DROP (Decimal) = PERC H

conversions: 1/16 = .06; 1/8 = .13; 3/16 = .19; 1/4 = .25; 5/16 = .31; 3/8 = .38; 7/16 = .44; 1/2 = .5; 9/16 = .56; 5/8 = .63; 11/16 = .69; 3/4 = .75; 13/16 = .81; 7/8 = .88; 15/16 = .94

Ten Percent Calculation *

A,B,C: 1.12 (Largest # of ABC) − 1.11 (Smallest # of ABC) = .01; 1.11 (Smallest # of ABC) × 0.10 = .11	B,C,D: Largest # of BCD − Smallest # of BCD = ____; Smallest # of BCD × 0.10 = ____
C,D,E: Largest # of CDE − Smallest # of CDE = ____; Smallest # of CDE × 0.10 = ____	D,E,F: Largest # of DEF − Smallest # of DEF = ____; Smallest # of DEF × 0.10 = ____
E,F,G: Largest # of EFG − Smallest # of EFG = ____; Smallest # of EFG × 0.10 = ____	F,G,H: Largest # of FGH − Smallest # of FGH = ____; Smallest # of FGH × 0.10 = ____

* If the top number in each set of boxes is larger than the bottom number then take another reading. If the top number is equal or smaller than bottom number, average the three numbers for the perc rate.

PERC = 1.12

AVE = $\frac{1.09 + 1.12}{2}$ = 1.11

BECKER COUNTY PLANNING & ZONING

829 LAKE AVENUE, PO BOX 787
DETROIT LAKES, MN 56502-0787
PHONE (218) 846-7314 - FAX (218) 846-7266

INSTALLATION PERMIT FOR
INDIVIDUAL SEWAGE TREATMENT

FIRE NO. _____

PERMIT/RECEIPT NO. 10109

TAX PARCEL NUMBER 03-0043-00

LEGAL DESCRIPTION

Pt SW¼ NE¼ Beg at SE Cor th W 1327.10' th N Cor N 531.28'

LAKE/STREAM NAME	LK/STR CLASS	SECTION	TWP	RANGE	TOWNSHIP NAME
NA		6	138	40	Burlington

PROPERTY OWNER	ADDRESS/ CITY/ STATE	PHONE NO
Randy Schultz	PO Box 1777 Detroit Lakes MN	

INSTALLER	LICENSE NO	PHONE NO
Hough		

SEWAGE TREATMENT SYSTEM DATA

WORK CATEGORY
(X) NEW SYSTEM
( ) REPAIR

TYPE OF SYSTEM
(X) SEPTIC TANK/DRAINFIELD
( ) DRAINFIELD ONLY
( ) HOLDING TANK
( ) ALTERNATE (specify)
_____
( ) LIFT STATION

SIZE OF TANK
1000 GALLONS
SIZE OF DRAINFIELD
540 FT2
SYSTEM LENGTH
180 FT
NUMBER OF TRENCHES 8
ESTIMATED FLOW 600 GPD

TYPE OF DRAINFIELD
(X) STANDARD (gravelless)
( ) STANDARD (rock trench)
( ) STANDARD (bed)
( ) MOUND (pressure distb)

SIZE OF LIFT STATION
NA GALLONS
SIZE OF PUMP
NA
DEPTH TO RESTRICTING LAYER +52"
MAXIMUM DEPTH OF SYSTEM 16"
PERC RATE _____
SSF .83
SIZE OF GRAVELLESS PIPE 10 inch
DEPTH OF ROCK NA

I hereby certify with my signature that all the data contained herein as well as all supporting data are true and correct to the best of my knowledge. I also understand that this permit is valid for a period of six (6) months.

Hough Landscaping, Inc. — Signature
7/16/96 — Date

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.

Site Plan as approved on Site Evaluation.

site plan attached

For Office Use Only

Application Fee 125.00 State Surcharge .50 Total 125.50

[ ] Application is hereby denied

[X] Application is hereby granted to R. Schultz 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:

Debi Moltzan
Signature of Becker County Qualified Employee

7/16/96
Date

This permit expires on 2/16/97

APPLICATION FOR SEWAGE SYSTEM

CERTIFICATE OF COMPLIANCE

With The Becker County Zoning Ordinance

Application Number	10109
Tax Parcel Number	03.0043.001
Fire Number of Project Location	

A. GENERAL INFORMATION

1. Applicant's Name (Last, First, M.I.)	2. Authorized Agent (if applicable)
Schultz Randy	

3. Mailing Address (Street, RFD, Box Number, City, State, Zip Code): PO Box 1777 Detroit Lakes MN 56502

4. Day Phone	5. Evening Phone	6. Section	7. Township
	846-1865	6	Burlington

B. PROPERTY DESCRIPTION

1. Lot(s), Block, Subdivision Name: Pt SW¼ NE¼ Beg at SE Cor Th W 1327.10' to W Cor N

SEWAGE SYSTEM DATA

Anticipated Use
- a. (X) Single Family
- b. ( ) Multiple Family
- c. ( ) Commercial
- d. ( ) Other (specify)

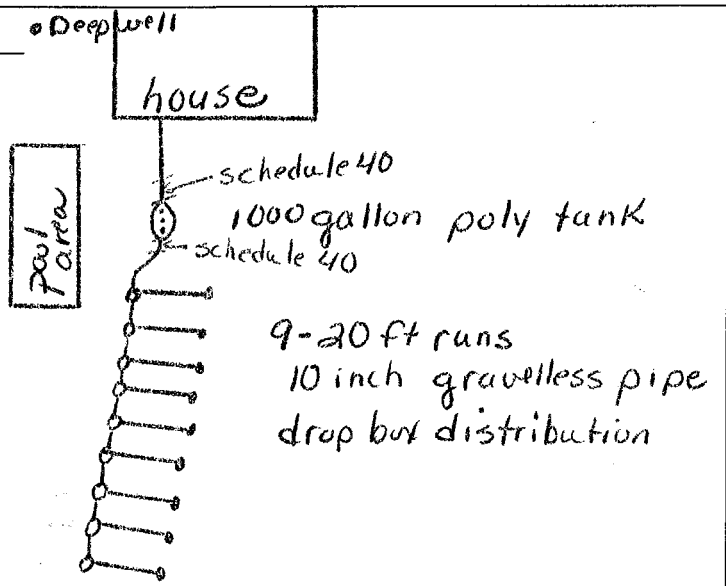
Type of Installation
- a. ( ) Septic Tank Only
- b. ( ) Drainfield Only
- c. (X) Septic Tank & Drainfield
- d. ( ) Holding Tank
- e. ( ) Septic Tank/Drainfield Lift Station

Type of Drainfield
- a. (X) Standard System
- b. ( ) Mound (pressure distribution)

Well Data
- a. Depth +50
- b. Diameter

Type of Well
- a. (X) Drilled
- b. ( ) Sand Point

1 Inch Equals _____
DESIGN



Installed by Hough Landscaping 7/19/96

Show Distance Between Sewage System And Buildings, Property Lines, Lake, Road And All Wells Within 125 Feet.

	Tank	Drainfield		Tank	Drainfield
Distances to Well:	75'	+75'	Distance to Pressure Line:	+60'	+60'
Distance to Building:	25'	+25'	Tank Capacity (gal.) & Area of Drainfield (ft 2)	1000	540
Distance to Property Line:	+20'	+20'	Distance to Ordinary High Water Level:	NA	NA

Drainfield separation from Highest Known Ground Water Level, Impervious Lens or Soil Mottling: +3Ft

I hereby certify with my signature that all data on my application forms, plans and specifications are true and correct: + Hough Landscaping, Inc.
Signature of Applicant — Date

TO BE COMPLETED BY PLANNING AND ZONING

( ) CERTIFICATE IS HEREBY DENIED: (See back For Reasons)

(X) CERTIFICATE IS HEREBY GRANTED: Based upon the application, addendum from, plans, specifications and all other supporting data. With proper maintenance this system can be expected to function satisfactory, however this is not a guarantee.

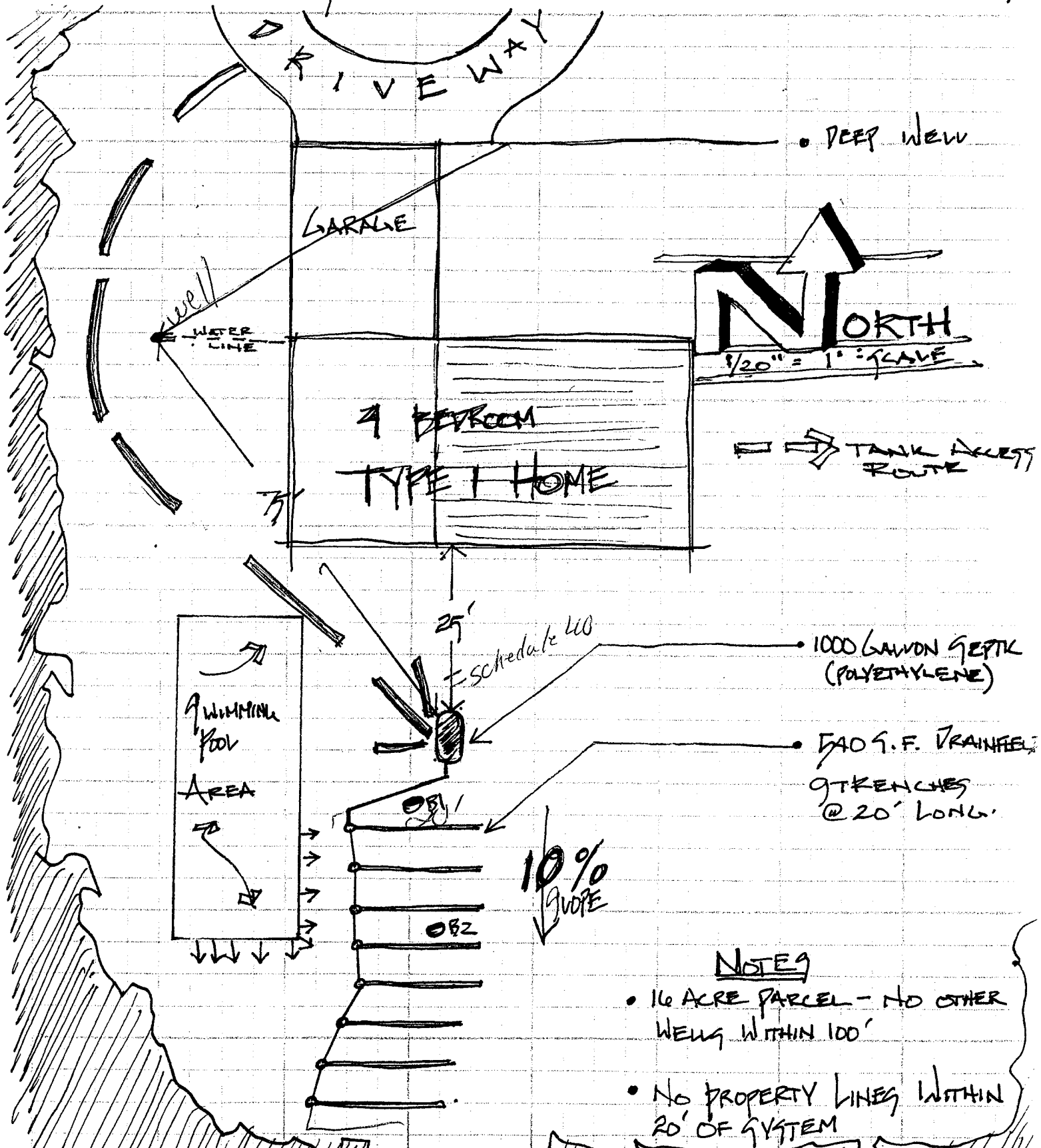
BECKER COUNTY PLANNING AND ZONING

Debi Mottaz
Signature

Inspector 7/24/96
Title — Date

ELK RIVER CONCRETE PRODUCTS • 7575 GOLDEN VALLEY ROAD • SUITE 395 • MINNEAPOLIS, MN 55427
(612) 545-PIPE • INWARD WATS--800 + 552-1158 • FAX (612) 545-8399

PROJECT Randy Schultz DATE 16 July '96



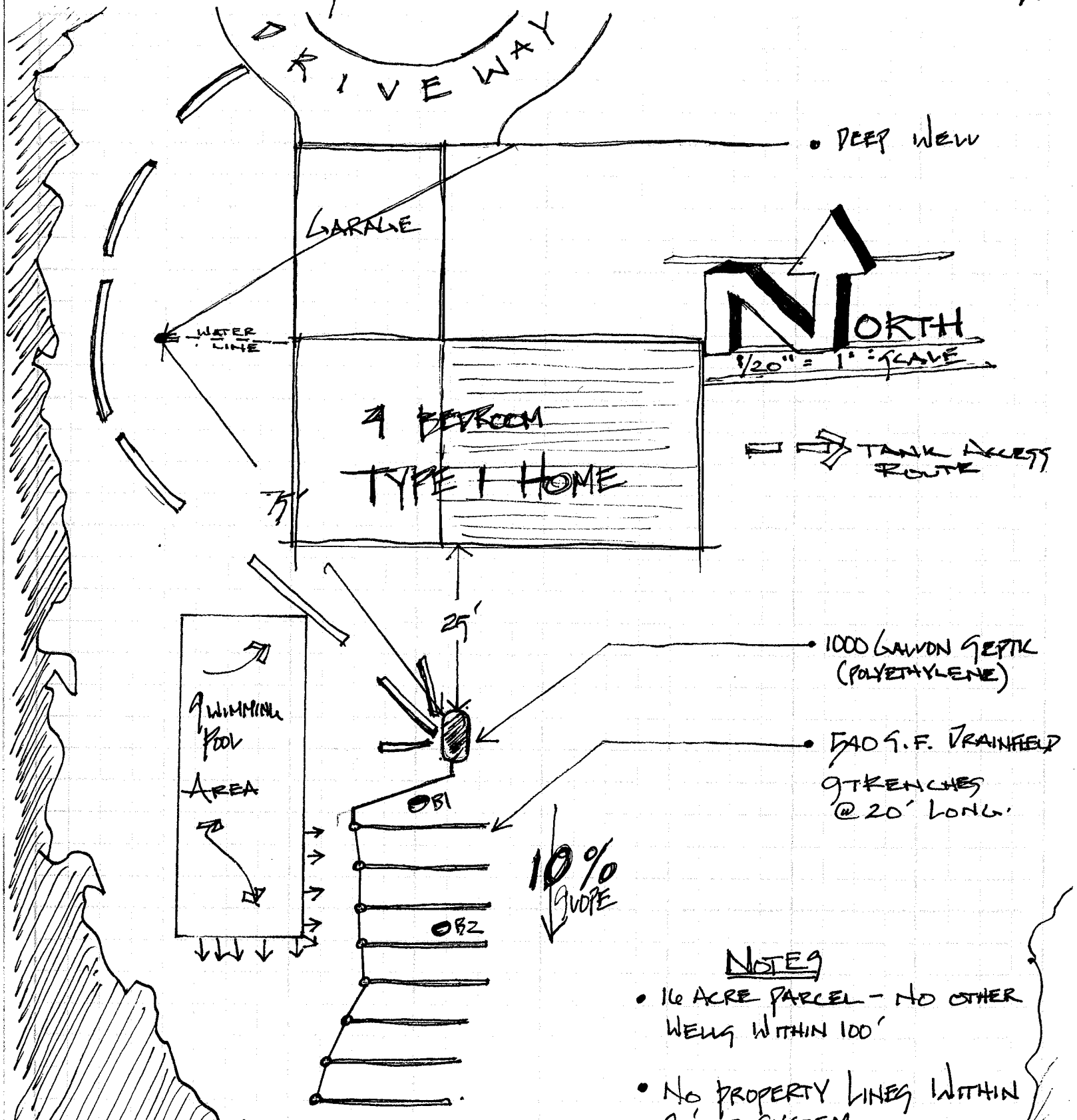
NOTES

- 16 ACRE PARCEL - NO OTHER WELLS WITHIN 100'
- NO PROPERTY LINES WITHIN 20' OF SYSTEM

75th ANNIVERSARY
CRETEX
FOUNDED 1917

ELK RIVER CONCRETE PRODUCTS • 7575 GOLDEN VALLEY ROAD • SUITE 395 • MINNEAPOLIS, MN 55427
(612) 545-PIPE • INWARD WATS--800 + 552-1158 • FAX (612) 545-8399

PROJECT Randy Schultz DATE 16 July '96



NOTES

- 16 ACRE PARCEL - NO OTHER WELLS WITHIN 100'
- NO PROPERTY LINES WITHIN 20' OF SYSTEM