

AITKIN COUNTY
CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~

This certificate of installation/~~notice of noncompliance~~ has been issued this _____ day of _____, 20____ to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: _____

Section _____ Township _____ Range _____ Lake _____
PERMIT NO. _____ Owner Name _____
Address _____
Installer Name _____
Type of System Inspected _____
Parcel Number _____

The certificate of installation/~~notice of noncompliance~~ was based on No ___ of the following:

- 1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.

- 2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

1) Statement of the findings of fact through inspections or investigations:

2) List of specific violations of Ordinance: _____

3) Requirements for correction or removal of violations: _____

4) Time schedule for compliance: _____

Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE _____

**SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA**

Township Fern Island Date of Inspection 6/5/2020 I App. Number 2020-5689
10/27/2020 F 44980
Owner Terry Ruskell et al Parcel Number 07-0-046103
Project Address 41235 300th Ln Installer Larry Kiljenuist
City Aitkin Zip Code 56435 T15BR PB

New Repair DIST. or DROP BOX & TYPE PB

SETBACKS:
Buildings to tank(s) 30' + 12'
Buildings to drainfield 100' +
Well(s) 50' or 100' DW: 80' to tanks
Lake/Creek/Wetland Spirit Lake: 100' + to tank

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:
Trench/Bed depth 36"
Trench/Bed length 78'
Trench/Bed bottom width 16'
Trench spacing (5) 1.5" laterals / 3' sp.
Drainfield rock below pipe 9"
Size of gravelless pipe NA
Depth of backfill 12"
Absorption area: square feet 1248 ft²
lineal feet —

SEPTIC TANKS: New Existing
Number of tanks installed 3 540 lift Infiltrator
1500 septic tank
Liquid capacity and type 1500 1050 combo tank
Type of baffle Plastic
Inspection pipes —
Manholes size 24"
Manhole to grade Yes No

MOUNDS:
Percent slope —
Upslope sand width —
Downslope sand width —
Sideslope sand width —
Drainfield rock below pipe —
Depth of sand below rock —
Perforation size & spacing 1/32" / 36' sp.
Pipe size & spacing 1.5" / 36" sp.
Dimensions of rock bed 16' x 78'
Dimensions of sand base —
Final cover —

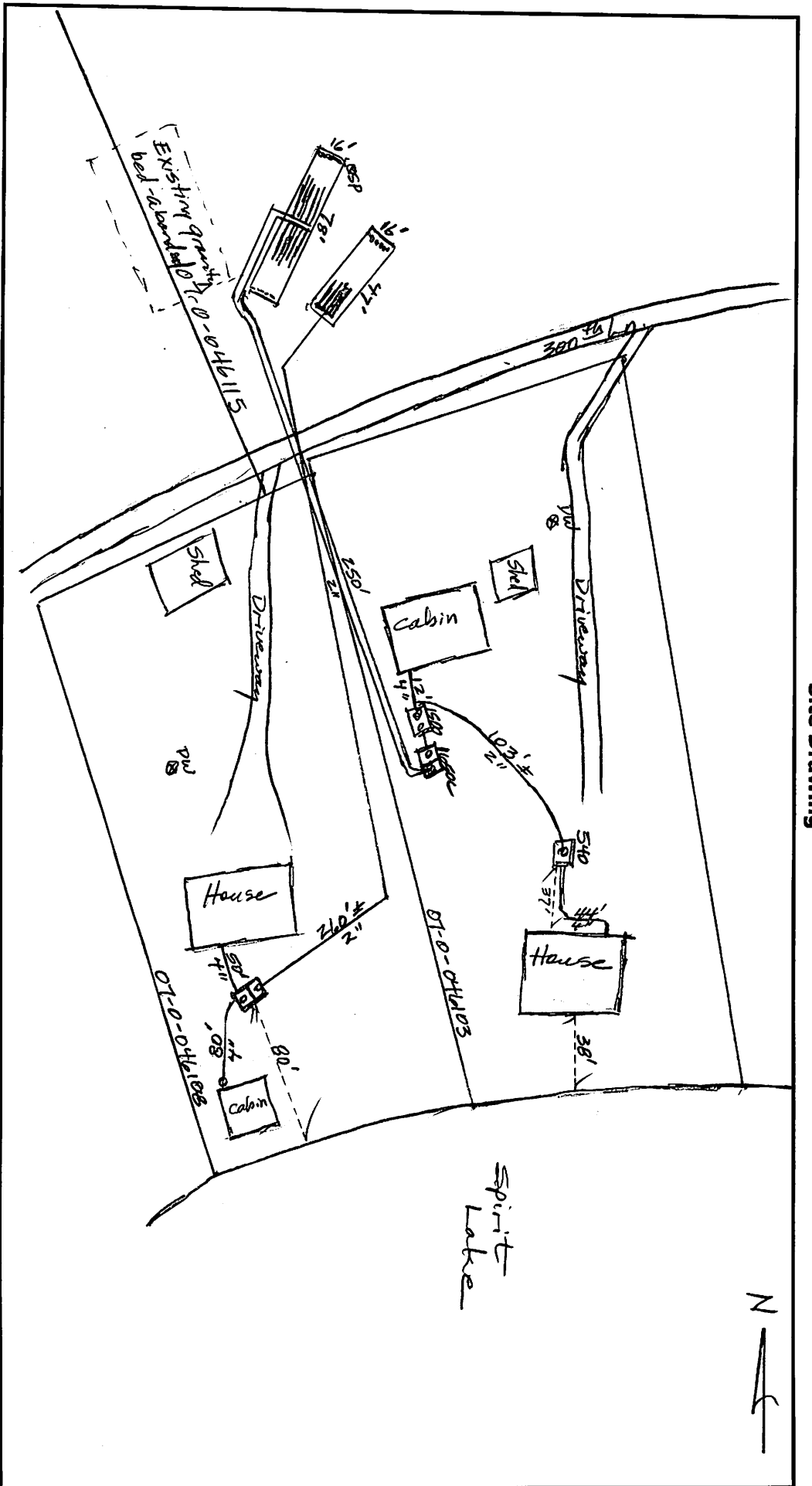
PUMPS: New Existing
Tank capacity and type 533 part combo
Pump manufacturer & model # Dual pumps
Liberty LE 414
Horsepower & GPM 0.4 HP 2(3) GPM
Feet of head (2) 38'
Gallons per cycle 120 GPC
Size of discharge line 2"
Type & location of alarm Elec. on tank
Water meter —

DRAWING OF SYSTEM: (include soils)
see attached site plan

Inspector's Comments: _____

Inspector's Signature Bryan Hargrave Installer's Signature _____

Site Drawing



Soil					
A	0-3"	10YR 3/2	LS	0-5% cF	
Bw1	3-25"	7.5YR 4/3	LS	0-5% cF	
Bw2	25-37"	7.5YR 5/3	FS	0-5% cF	
BH1	37-51"	7.5YR 4/4	FS	0-5% cF	Bands in this zone of ESL
C1	51-76"	7.5YR 5/6	S	0-5% cF	zone of ESL
					No redox to 76"

Notes:

Replacing existing multi parcel septic system with individual systems. Dual pumps in 1650c w/ dual line up to 960 (16' x 78'). Grinder pump in 540 tank - 2" line up to 1500.



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