# 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 _Farm Island_    Date of Inspection _8/24/2023 F_ _7/19/2023 I_    App. Number _46882_

Owner _Sue + Dennis Deniello_    Parcel Number _07-0-037900_

Project Address _45745 Townline Lake Rd_    Installer _Ray Schrupp_

City _Aitkin_    Zip Code _56431_    _T1 3BR Mound_

New [✓]    Repair [ ]

DIST. or DROP BOX & TYPE _____—_____

**SETBACKS:**

Buildings to tank(s) _55'_

Buildings to drainfield _132'_

Well(s) 50' or 100' _DW: 107' to tank_

Lake/Creek/Wetland _Townline: 217' to rb_

**SEPTIC TANKS:**    New [✓]    Existing [ ]

Number of tanks installed _(1) 1500c Whippler_

Liquid capacity and type _1000 part combo_

Type of baffle _Plastic_

Inspection pipes _____----_____

Manholes size _____24"_____

Manhole to grade    Yes [✔]    No [ ]

**PUMPS:**    New [✓]    Existing [ ]

Tank capacity and type _500 part combo_

Pump manufacturer & model # _Zoeller 152_

Horsepower & GPM _0.4 HP    27 GPM_

Feet of head _27'_

Gallons per cycle _90 G/C_

Size of discharge line _2"_
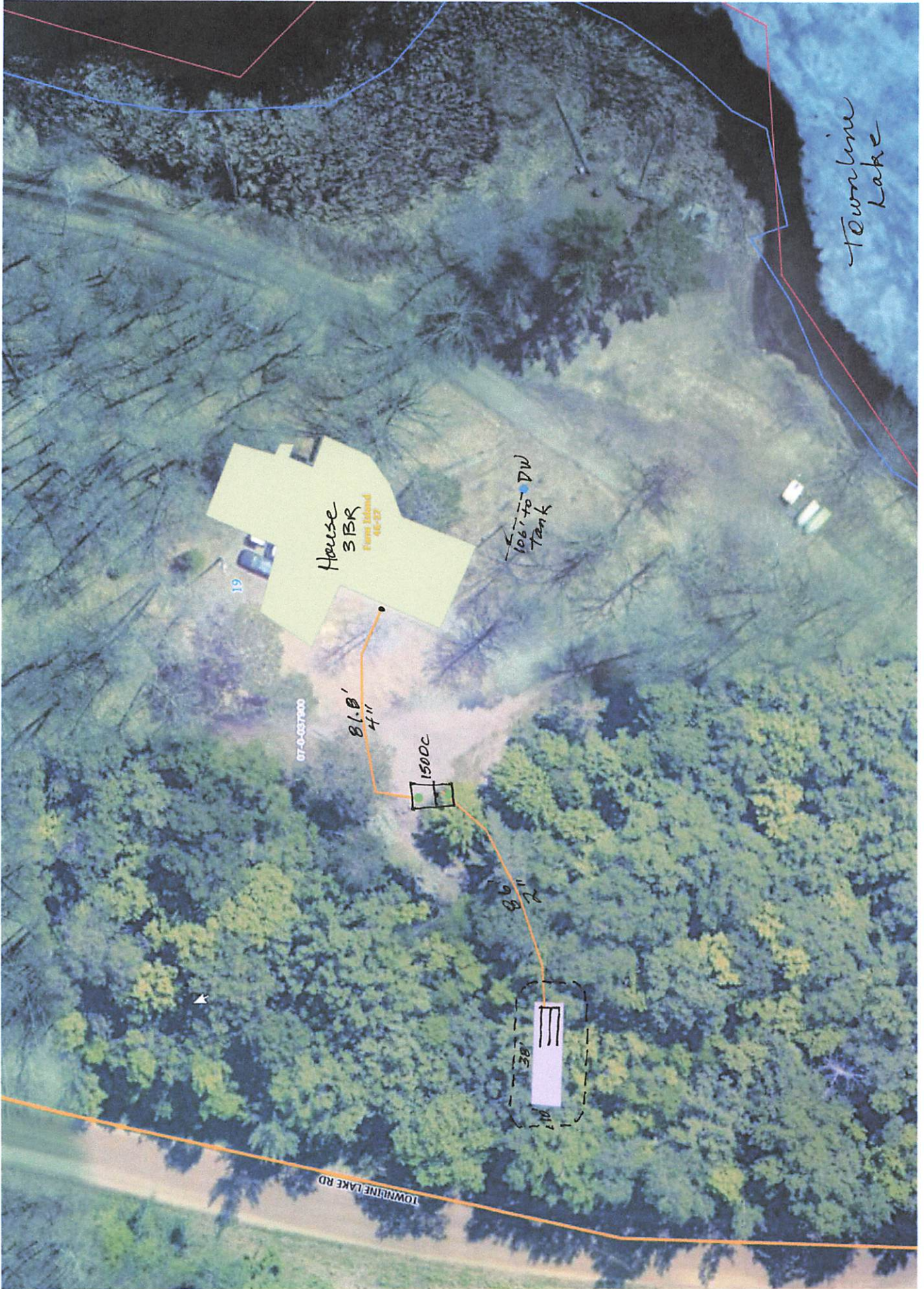
Type & location of alarm _Elec. alarm tank_

Water meter _____—_____

**DRAWING OF SYSTEM: (include soils)**

**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**

Trench/Bed depth _____

Trench/Bed length _____

Trench/Bed bottom width _____

Trench spacing _____

Drainfield rock below pipe _____

Size of gravelless pipe _____

Depth of backfill _____

Absorption area: square feet _____

lineal feet _____

**MOUNDS:**

Percent slope _8 %_

Upslope sand width _11'_

Downslope sand width _17'_

Sideslope sand width _11'_

Drainfield rock below pipe _9"_

Depth of sand below rock _74"_

Perforation size & spacing _0.5" / 36" sp._

Pipe size & spacing _1.5" / 36" sp._

Dimensions of rock bed _10' × 38'_

Dimensions of sand base _38' × 60'_

Final cover _12" Cover over rb, 4" TS_

Soil pit

A 0-3" 10YR 3/2 SiL 0-5% cf

E 3-13" 10YR 5/3 SiL 0-5% cf

B+ 13-18"+ 10YR 4/4 SiCL 0-5% cf.

No redox w/i 18"

Inspector's Comments: _81'4"    86'2"_

Inspector's Signature _Bryan Hargrave_    Installer's Signature _____

Rev:1/13    White – County    Yellow – Applicant    Pink - Installer

N

Townline Lake

House
3 BR
Turn Island
46-37

19

106'-to DW
Tank

818'
H4

00137800

1500c

8 6"
2

38'
10'

TOWNLINE LAKE RD

**MDL - 15002cP**
# 1515 - GALLON
# 2-COMPARTMENT PUMP TANK

## TOP VIEW

TOTAL TANK WEIGHT:
13,685 LBS.
LIFTING HOOKS:
1/2" HOT-ROLLED STEEL

132"

82"   2"   42"

73"   79"

1012 Gallons   503 Gallons

**Enlarged Detail**

Mastic

Wall

## SIDE VIEW

Lid Thickness

20.5"

6"  5"

1"

9" Airspace

3"

4" Inlet

4" Outlet

48"

42" Liquid Depth

2"

58"

3"

3"
Floor Thickness

Manhole Lids/Openings

2½" Taper



Mastic Rope

Gasket
(Poured in Place)
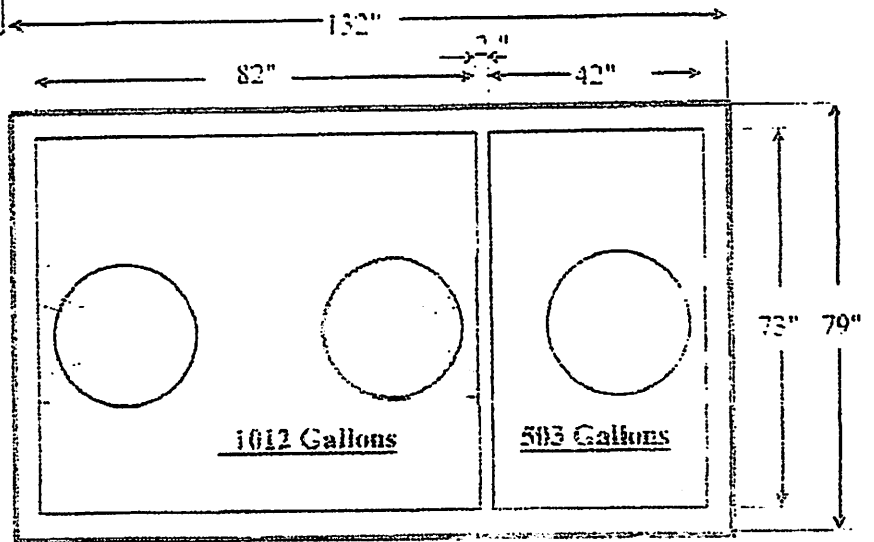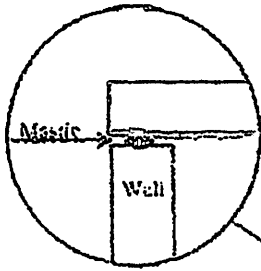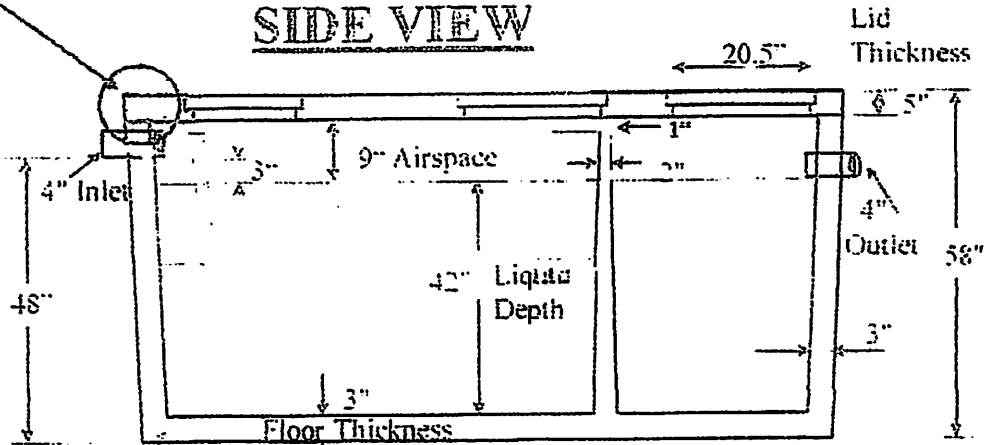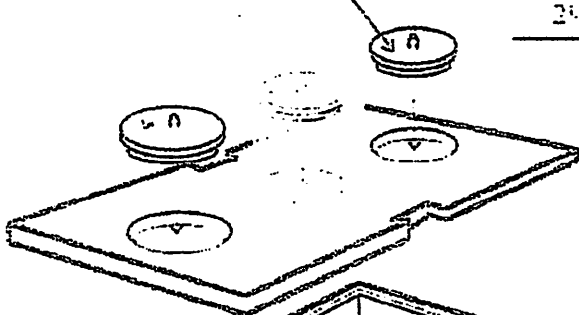
**7'** **Burial Depth**

**Date of Manufacture:**

**Additional Notes:**