

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 _____

INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA

Township Nordland Date of Inspection 6/27/2017 Final: 7/14/2017 Permit Number 41928
Owner Mark Fisher Parcel Number 24-0-058404
Project Address 29294 396th Pl Installer Ray Schrupp
City Aitkin Zip Code 56431 TI 4BR MND
New Repair

SETBACKS:

Buildings to tank(s) 11'
Buildings to drainfield 36'
Well(s) 50' or 100' DW: 80' to tank
Lake/Creek/Wetland Lone Lake: 100'+ to tank

SEPTIC TANKS: New Existing

Number of tanks installed 2
Liquid capacity and type 1580 Whipple septic
Type of baffle Plastic

Inspection pipes -

Manholes size 24"

Manhole to grade Yes No
2' risers

PUMPS: New Existing

Tank capacity and type 1650G Whipple combo
Pump manufacturer & model # Zoeller BNS2
Horsepower & GPM 0.4HP 38GPM min.
Feet of head 13.3' min
Gallons per cycle _____
Size of discharge line 2"
Type & location of alarm SJE Rhombus TA inside house
Water meter -

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

DIST. or DROP BOX & TYPE -

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:

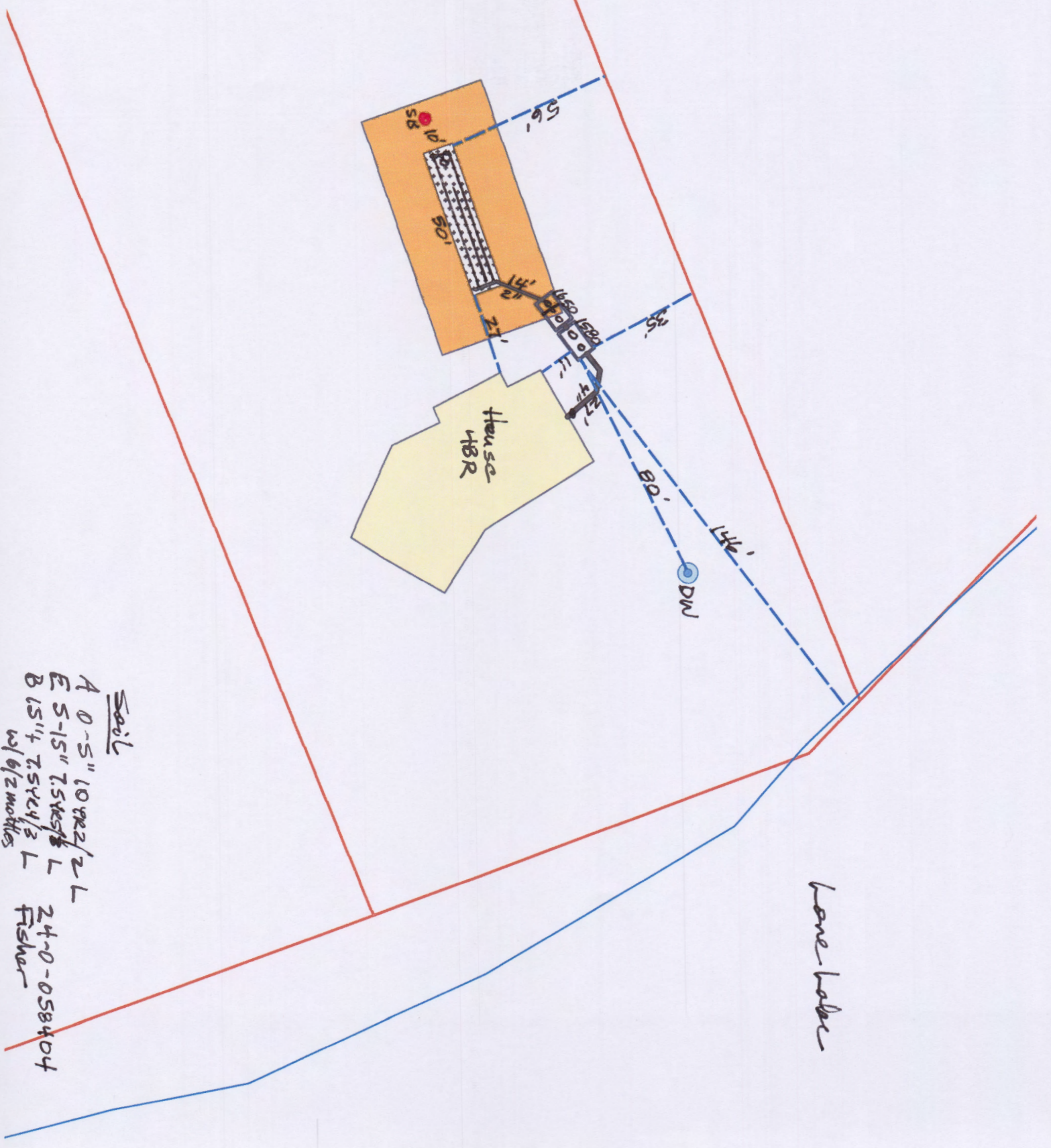
Trench depth _____
Trench length _____
Trench bottom width _____
Trench spacing _____
Drainfield rock below pipe _____
Size of gravelless pipe _____
Depth of backfill _____
Absorption area: square feet _____
lineal feet _____

MOUNDS:

Percent slope 0%
Upslope dike width 18'
Downslope dike width 18'
Sideslope dike width 18'
Drainfield rock below pipe 9" of 12" total
Depth of sand below rock 24"
Perforation size & spacing 0.25" 36" sp
Pipe size & spacing 1.5" 3.5' sp
Dimensions of rock bed 10' X 50'
Dimensions of sand base 42' X 82'
Final cover 12" over rb; 4" TS

Inspector's Comments: Design for 3BR - changed to 4BR

Inspector's Signature Bryan Harpman Installer's Signature _____



Soil

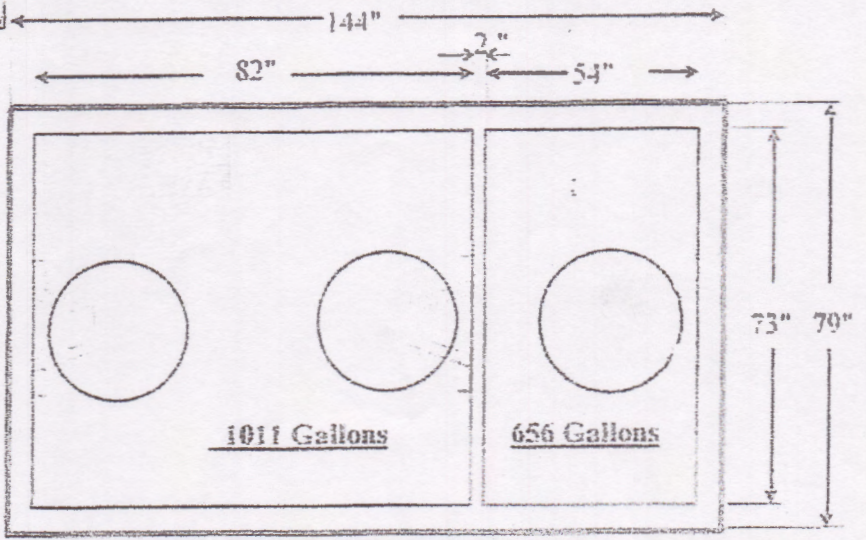
- A 0-5" 10grz/2L
- E 5-15" 7.5Ks/3L
- B 15" 7.5Ks/3L
- w/ 6/2 months
- 24-0-058404
- Fisher

Lane-lake

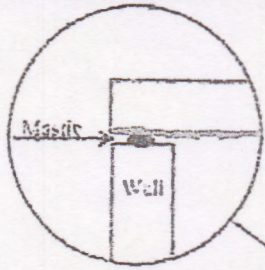
MDL - 16502cP
 1667 - GALLON
 1650 GAL COMBINATION SEPTIC/PUMP

TOTAL TANK WEIGHT:
 15899 lbs.
 LIFTING HOOKS:
 5/8" HOT-ROLLED STEEL

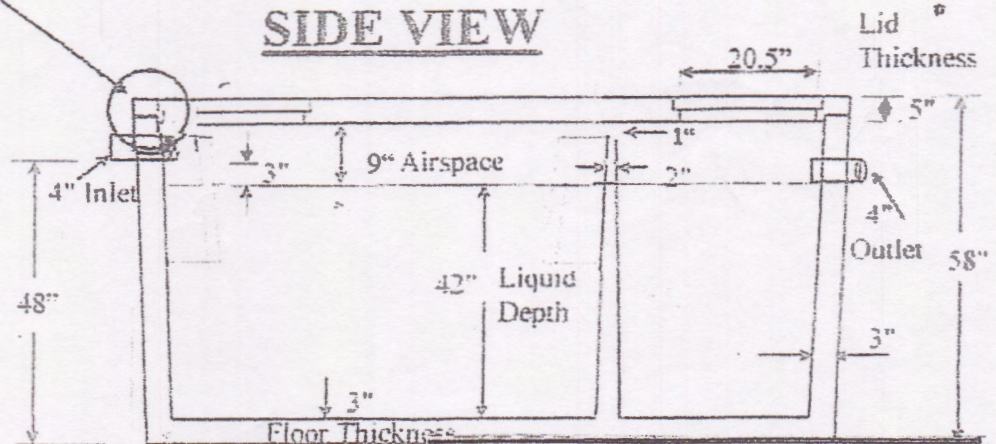
TOP VIEW



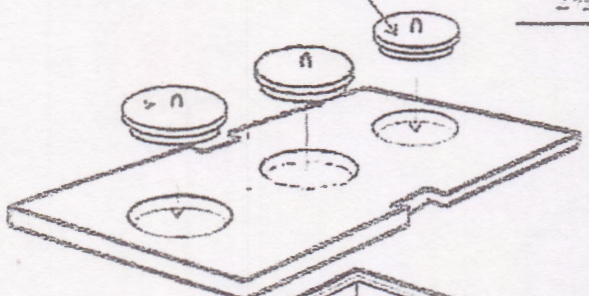
Enlarged Detail



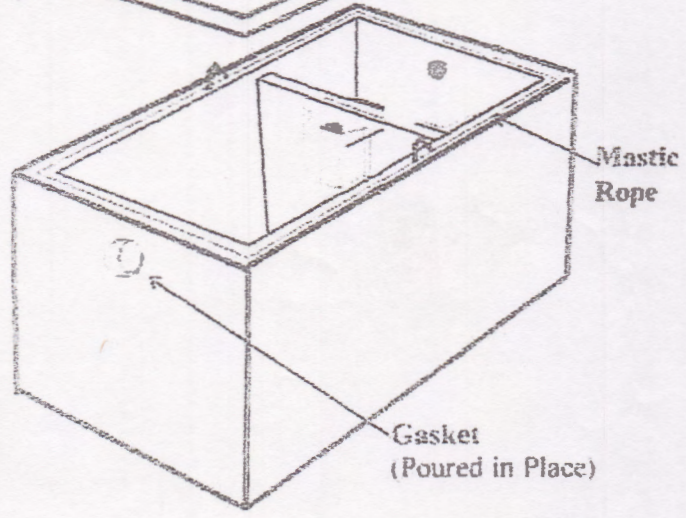
SIDE VIEW



Manhole Lids/Opening



2 1/2" Taper



6' Burial Depth

Date of Manufacture:

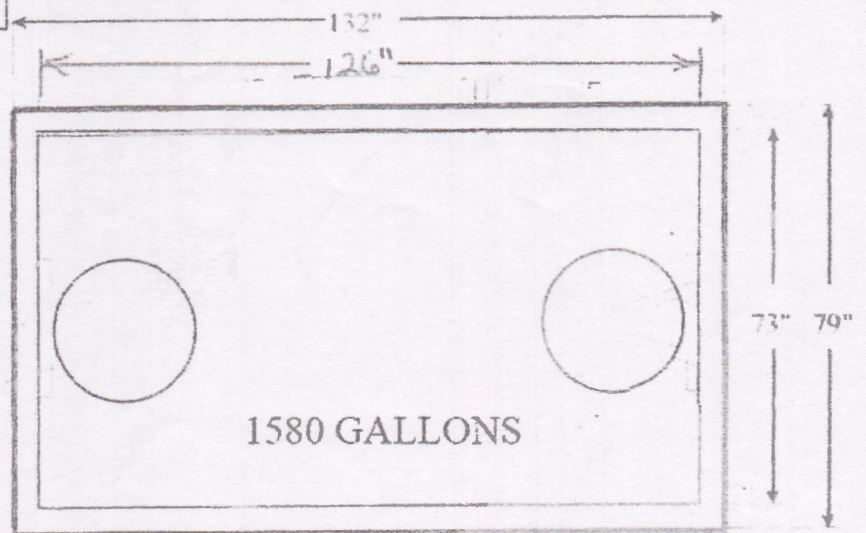
Additional Notes:

MDL - 1500SS
 1580 - GALLON
 SINGLE SEPTIC TANK

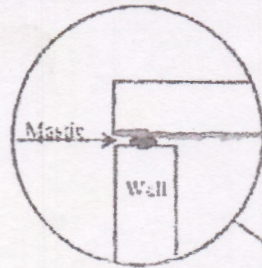
TOTAL TANK WEIGHT:
 12480 LBS.

LIFTING HOOKS:
 1/2" HOT-ROLLED STEEL

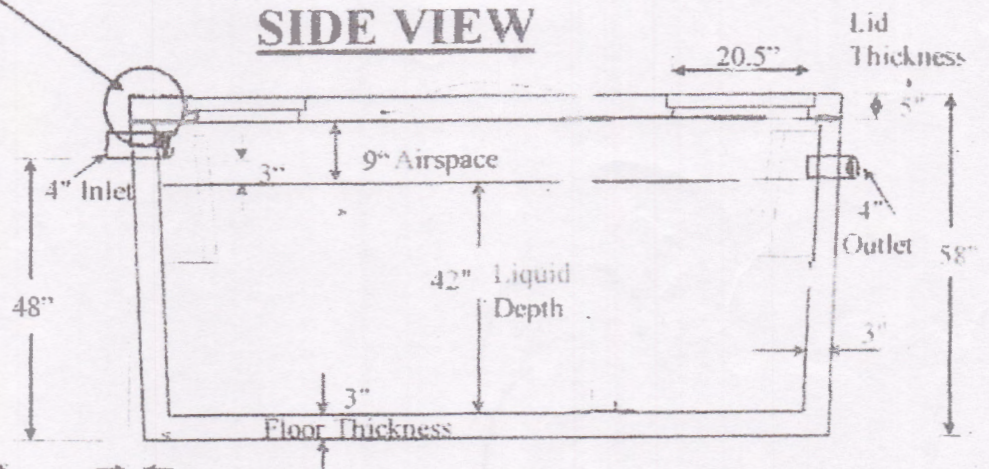
TOP VIEW



Enlarged Detail

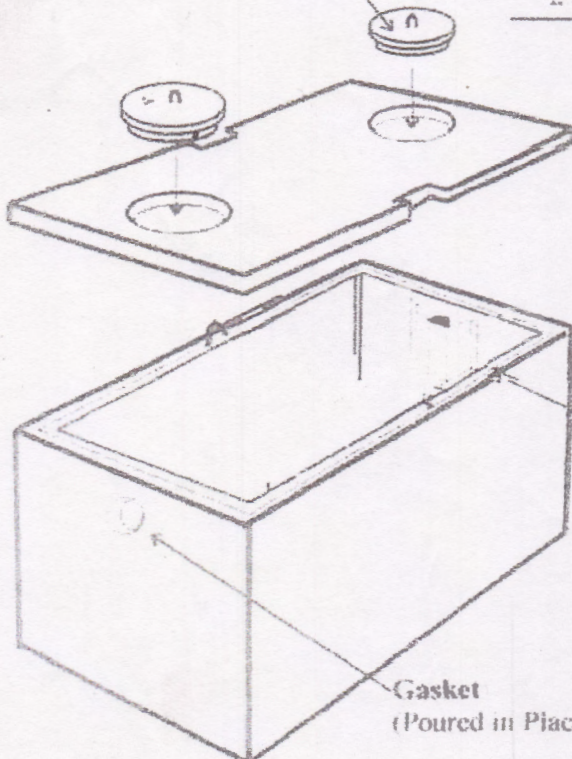


SIDE VIEW



Manhole Lids/Opening

2 1/2" Taper



7' Burial Depth

Date of Manufacture:

Additional Notes:



2017/06/27



WP500

2017/06/27



2017/06/27



2017/06/27



2017/06/27



NORTHERN PIPE PRODUCTS 1 1/2" (40 mm) SCH-40

2017/06/27



NORTHERN PIPE PRODUCTS 1 1/2" (40 mm) SCH-40 330 PSI @ 73° F PVC 1120 ASTM D-1785 NSF® DWV
ASTM D-2685 NSF® DWV B137.3 NSF® 04-25-17 R4L2S 22:22

2017/06/27



2017/06/27



2017/06/27



2017/06/27

Attics / Garages
R-10
2 inch
thickness



WP500

2017/06/27