

Aitkin County Holding Tank Design Back Lot

Property Owner: Roy Rueb Date: 8/21/2019 Cell: 612-209-5680
 Mailing Address: 4250 Paris Ave. N. Home Phone #: _____
 City: Stillwater State: MN Zip: 55082
 Site Address: 30307 408th Pl. Parcel Number: 07-0-047708
 City: Aitkin State: MN Zip: 56431
 Driving Directions if no address issued : _____

Legal Description : .28 Ac of Lot 4 in Doc 173368
 Sec : 24 Twp.: 46 Range : 27 Twp. Name : Farm Island TWP.
 Lake / River : Spirit Lake Lake / River Classification : RD

FLOW DATA
 Number of Bedrooms : _____
 Dwelling Classification : I
 System Type : II
 Gallons per Day (GPD) : _____

Estimated Flow in Gallons per Day (GPD)

Bedrooms	Class I	Class II	Class III
2	300	225	180
3	450	300	218
4	600	375	256
5	750	450	294
6	900	525	332
7	1050	600	370
8	1200	675	408

WELLS
 Deep Well : None
 Shallow Well : Existing Shallow

Wells to be sealed (if Applicable) ? _____

SETBACKS

Tank(s) to Well : +60' Drainfield to Well : NA Sewer Line to Well : _____
 Tank(s) to House : 11' Drainfield to House : NA Air Test NO
 Tank(s) to Property Line : +12' Drainfield to Property Line : NA

Additional System Notes and Information: Adding a 1500 gallon holding tank

Existing 1500 gal. Holding tank is Compliant. Owner wants to add capacity. Existing tank was installed 6/6/2000

Designer Name : Jeff Brummer License Number : L-1347
 Address : 7450 Burr Ln. City : Brainerd State : MN
 Zip Code : 56401 Home Phone # : _____ Cell: 218-821-0704
 E-Mail Address : brummerseptic@gmail.com

Designer Signature :  Date: 8/21/2019

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Aitkin County { Design Notes }

Property Owner: Roy Rueb Date: 8/21/2019 Designer's Initials : JB
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Existing Holding tank is Compliant.

Owner Proposes adding a 1500 gallon Holding tank to an existing 1500 gallon holding tank.

Installer will the Manufacturer (Brown Wilbert) add extra waterproofing, (if available) to a shallow 1500 gal. Tank.

Some of the tank may be in water.

Install tank with gravity flow from existing holding tank. Existing tank has outlet hole already.

Installer can raise one manhole to above grade. Installer will add extra soil on top of tank for ballast

Bench Mark Elv. Is the top of the existing tanks manhole cover, Elv. = 100 ft.

Install alarm in 2nd tank at approx. 50% of tank capacity, this will be approx. 750 gal. reserve capacity.

If installing manual alarm designer recommends raising 4" pipe to above snow levels (36" above grade).

Owner will need a Holding Tank Pumping Service Agreement.

Setbacks are

- 50 ft. from well
- 10 ft. from lot line
- 75 ft. from Spirit lake
- 10 ft. from structure.

(Recommendations for holding tanks)

- Electric Alarm in or near house
- Insulate tank top
- Water proof outside if installed in water if available
- Raise manholes 4" or more above finished grade for winter access

Owner should install protect around tank to keep traffic off tank. (Boulders, fence posts)

Existing Tank 1500 gallon Jacobson

New Tank 1500 gal. low profile Brown & Wilbert

Existing Elevations 8/21/2019

Top of Existing Holding tank manhole cover Elv.= 100'

Existing Tank Inlet Elv. = 98.3' Outlet Elv. = 98.2' Approx. tank bottom Elv.= 94'

Grade at Proposed tank site Elv. = 99.7'

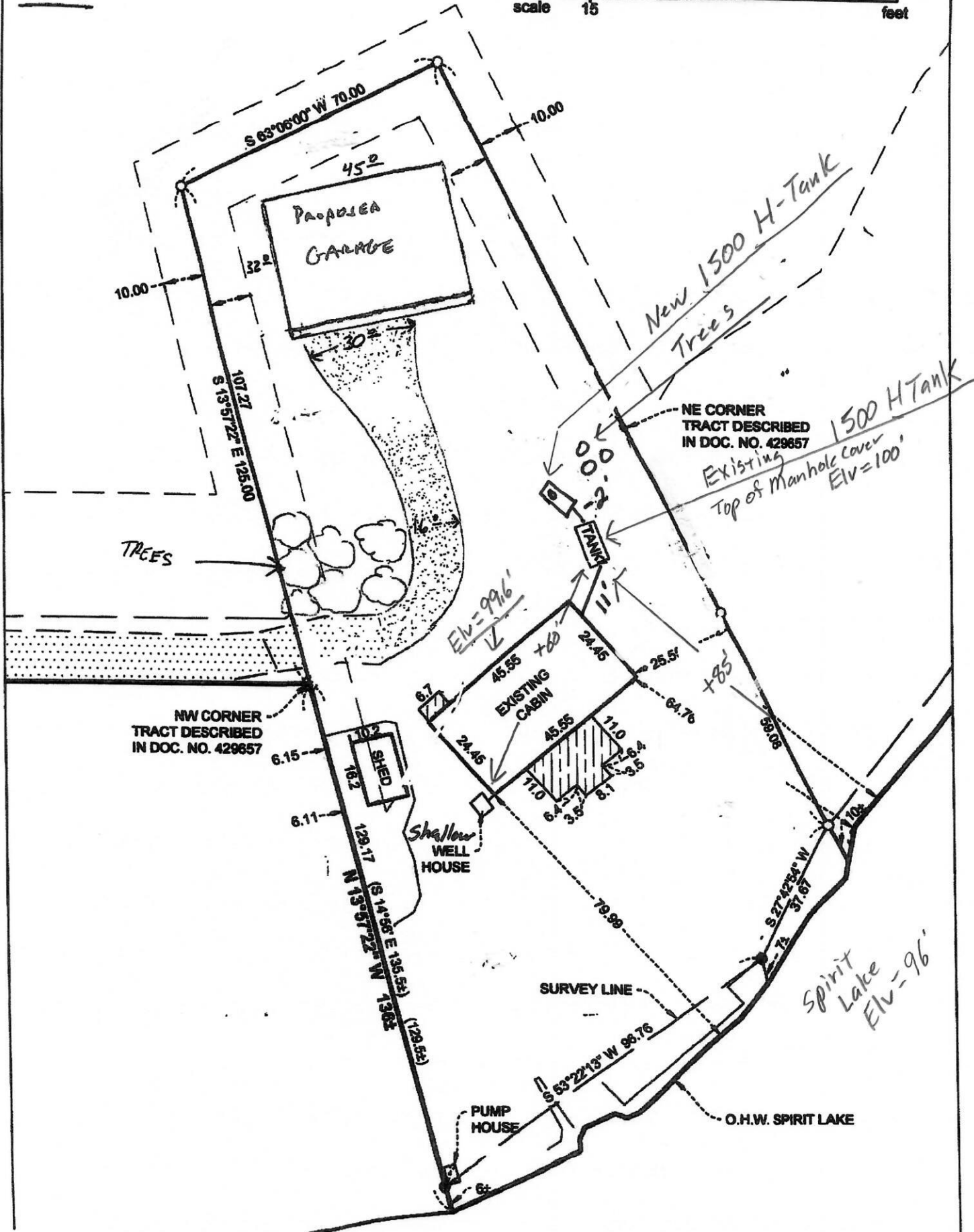
Approx. new tank inlet Elv. = 98' Approx. new tank bottom Elv.= 95'

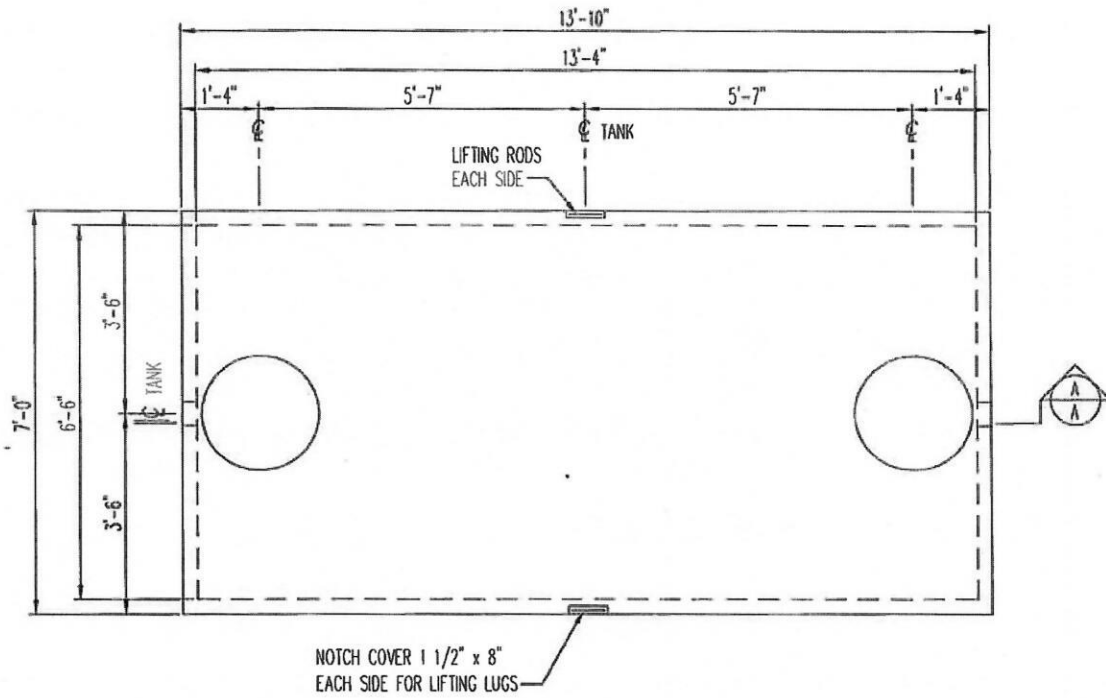
On 8/21/2019 Spirit Lake Elv. = 96'

Grade at North side of house Elv.= 99.6'

 8-21-19

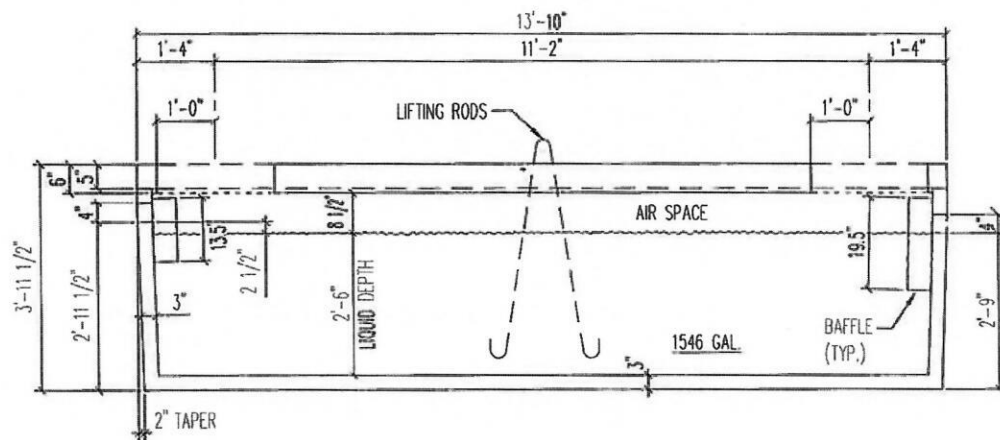
Rueb





1500 GALLON LOW PROFILE TANK

1/2" = 1'-0"



SECTION

1/2" = 1'-0"

NOTE:

1. PROVIDE MINIMUM 1" CLEAR BETWEEN TOP OF BAFFLE AND UNDERSIDE OF LID.

1500 GALLON LOW PROFILE
SHALLOW SEPTIC TANK
(1500 LP)

Brown Wilbert

WEIGHT=14,500#
MAX. SOIL COVER= 7'-0"



Detailed Parcel Report

Parcel Number: 07-0-047708

General Information

Township/City: FARM ISLAND TWP
Taxpayer Name: RUEB, ROY & COLLEEN
Taxpayer Address: 4250 PARIS AVENUE N
STILLWATER MN 55082
Property Address: 30307 408th Pl
Township: 46 Lake Number: 1017800
Range: 27 Lake Name: SPIRIT LAKE
Section: 24 Acres: 0.28
Green Acres: No School District: 1.00
Plat:
Brief Legal Description: .28 AC OF LOT 4 IN DOC 173368

Tax Information

Class Code 1: Non-Comm Seasonal Residential Recreational
Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Non Homestead
Assessment Year: 2018

Estimated Land Value:	\$132,500.00
Estimated Building Value:	\$63,700.00
Estimated Total Value:	<u>\$196,200.00</u>
Prior Year Total Taxable Value:	\$189,100.00
Current Year Net Tax (Specials Not Included):	\$1,504.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$752.00
Delinquent Taxes:	No

* For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.

** Balance Due on a parcel does not include late payment penalties.