

Aitkin County Holding Tank Design Back Lot

Property Owner: Rodney Kern Date: 6/15/2020 Cell: 218-839-4735

Mailing Address: 45399 Us Hwy 169 Home Phone #: _____

City: Palisade State: MN Zip: 56469

Site Address: 42610 305th Pl Parcel Number: 08-1-081400

City: Palisade State: MN Zip: 56469

Driving Directions if no address issued : _____

Legal Description : Lot 12 of Cedar Grove 2nd Add.

Sec: 22 Twp.: 48 Range: 25 Twp. Name: Fleming TWP

Lake / River: Fleming Lake / River Classification: RD

FLOW DATA

Number of Bedrooms: _____

Dwelling Classification: I

System Type: II

Gallons per Day (GPD) : _____

Holding Tank

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: Proposed Deep

Shallow Well: None

Wells to be sealed (if Applicable) ? _____

SETBACKS

Tank(s) to Well: +60' Drainfield to Well: NA Sewer Line to Well: _____

Tank(s) to House: +10' Drainfield to House: NA Air Test NO

Tank(s) to Property Line: +10' Drainfield to Property Line: NA

Additional System Notes and Information:

\

Install Holding tank for Camper hook up on lot Small Lot

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: 6/15/2020

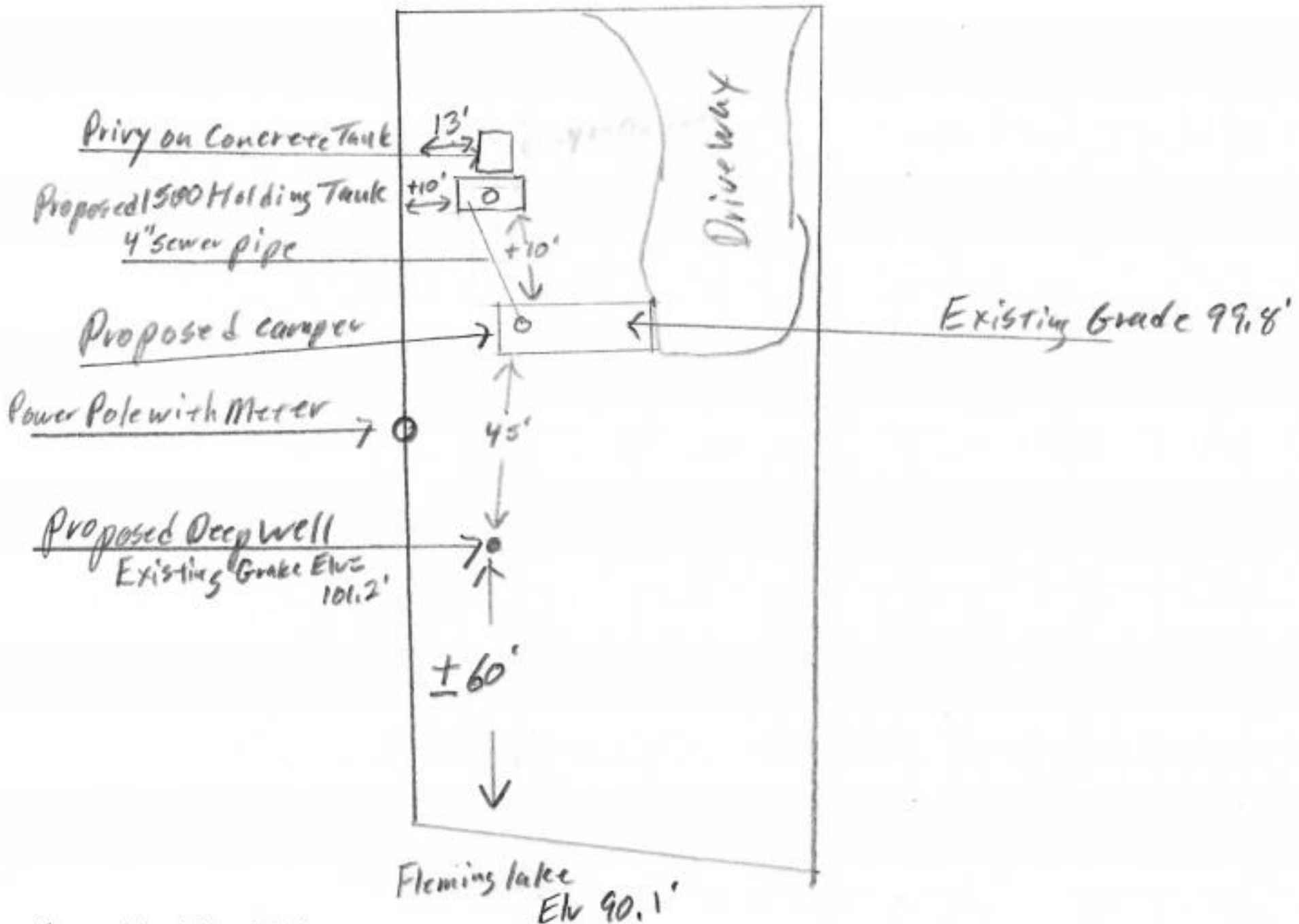
Page: 1 Of _____

Aitkin County { Holding Tank Design }

Property Owner: Rodney Kern Date: 6/15/2020 Designer's Initials: JL

One Inch = 40 ft.

North



Shore at Dock Elv.= 93.9'

Fleming Lake Elv.= 90.1' on 6/15/2020

Please show all that apply (Existing or Proposed):

Please Draw to Scale with North to Top or Left Side of Page:

Wells within 100ft. Of Drain field.

Disturbed/Compacted Areas

Access Route for Tank Maintenance

Water lines within 10 ft. of Drain field.

Component Location

Property Lines

Drain field Areas:

OHW ordinary high water

Structures

Lot Easements

Setbacks

Elevations : Benchmark Elevation:

Elv.= 100' Concrete Floor of privy / top of concrete privy tank.

Grade at Power Pole with meter Elv. = 101.7'

Elv. Of sewer pipe at trailer Pad. Estimated. Elv.

99'

Tank Inlet Elev. 97' Estimated

Existng Grade at tank location Elv.= 98.8'

Page:

Of

Aitkin County { Design Notes }

Property Owner: Rodney Kern Date: 6/15/2020 Designer's Initials : JB
PIN : 08-1-081400 Page : of

Existing Privy has Concrete tank under it , floor of privy is top of tank. Top of tank Elv.= 100'

Owner Proposes installing a 1500 gallon Jacobson Holding tank for a camper hook-up.

Owner will build a flat pad for trailer , install 4" sewer hook-up near trailer location. (Elevation not set yet)

Owner will install 1500 Jacobson holding tank near privy tank, with gravity flow from trailer pad.

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

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

Install alarm in Holding tank at approx. 75% of tank capacity, this will be approx. 375 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 Fleming lake

10 ft. from structure.

(Recommendations for holding tanks)

Electric Alarm in or near house

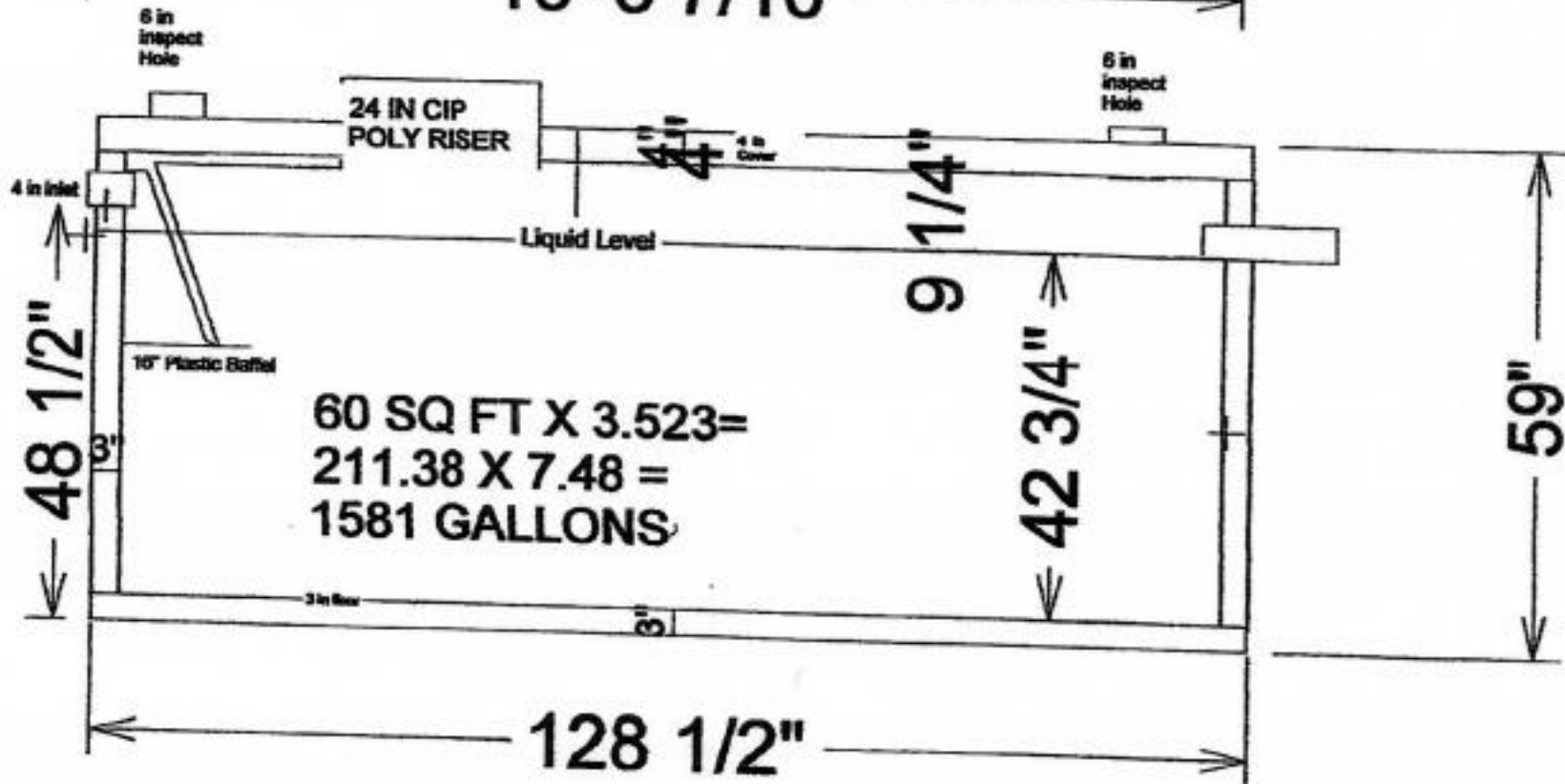
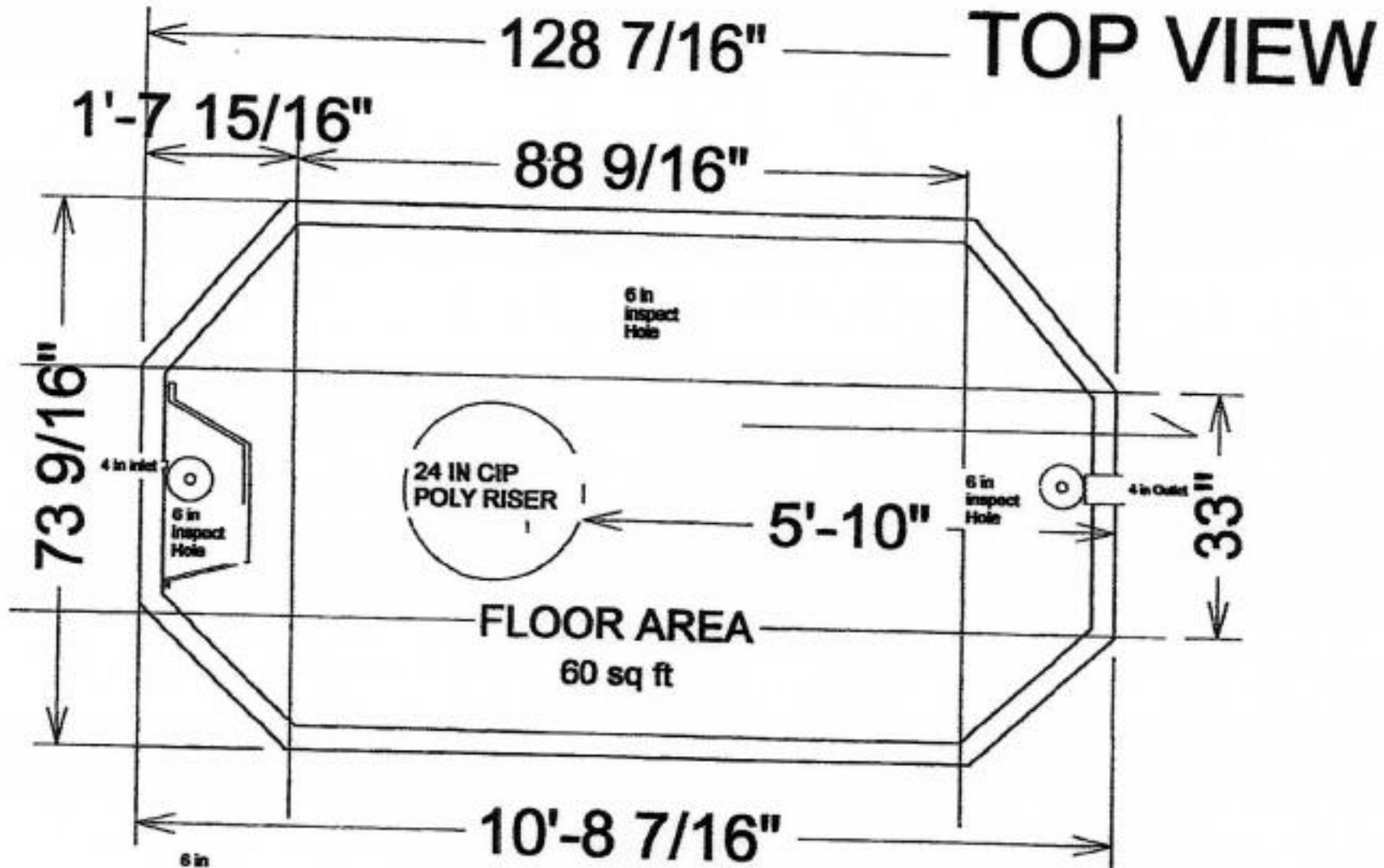
Insulate tank top

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 tanks to keep traffic off tank. (Boulders, fence posts)

1500H Holding Tank



35.08 gallons per. inch

Drawings Owned BY Jacobson Precast, LLC
36641 HWY 169, Aitkin, Mn 56431
Do not copy drawings without permission of the Owner

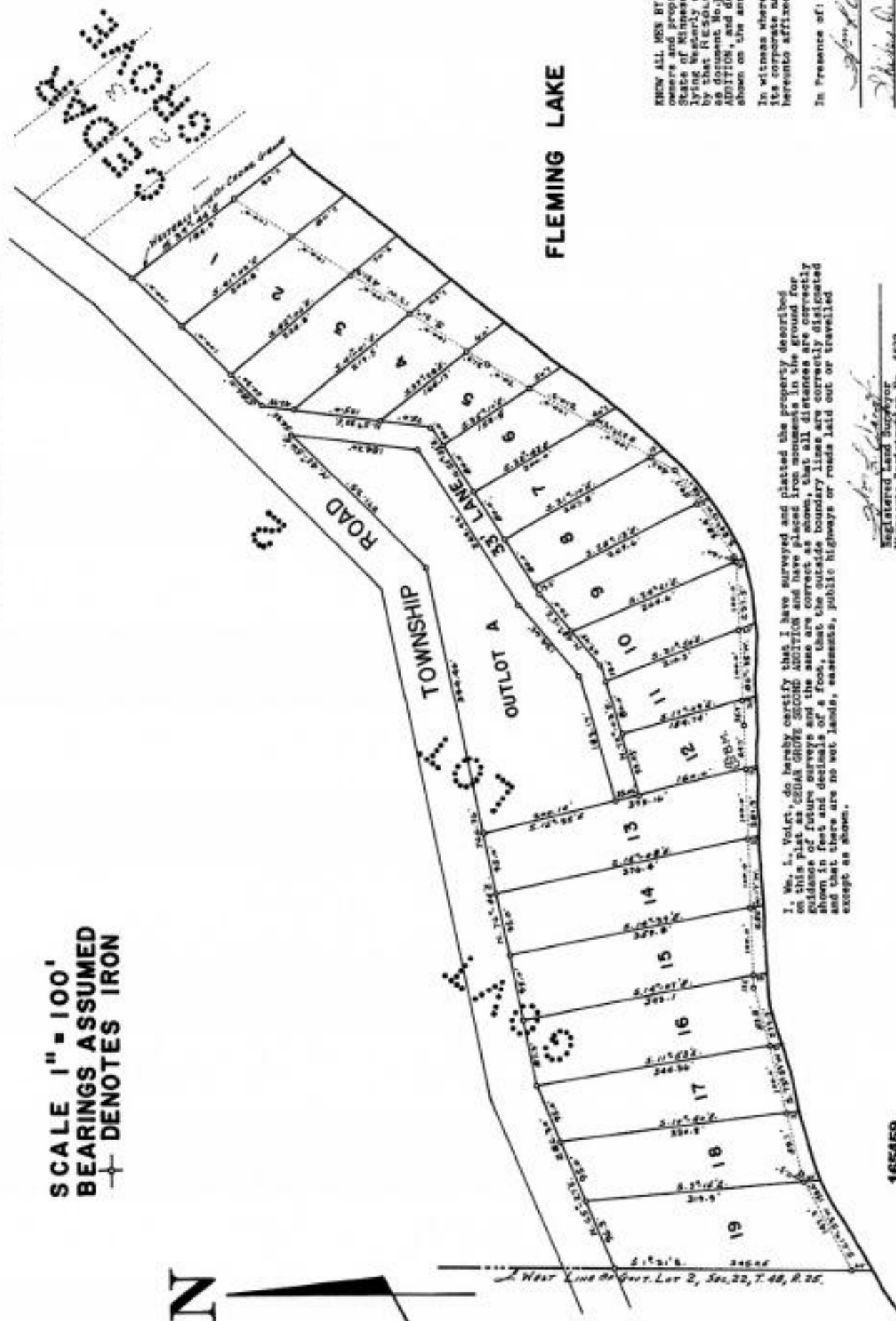
CEDAR GROVE SECOND ADDITION

AITKIN COUNTY, MINNESOTA

W.L. VOIGT, SURVEYOR
AITKIN, MINNESOTA

SCALE 1" = 100'
BEARINGS ASSUMED
+ DENOTES IRON

N



FLEMING LAKE

I, W. L. Voigt, do hereby certify that I have surveyed and platted the property described on this plat as CEDAR GROVE SECOND ADDITION and have placed iron monuments in the ground for guidance of future surveys and the same are correct as shown, that all distances are correctly shown in feet and decimals of a foot, that the outside boundary lines are correctly delineated and that there are no wet lands, easements, public highways or roads laid out or travelled except as shown.

165459
STATE OF MINNESOTA
COUNTY OF AITKIN
REGISTERED LAND SURVEYOR
Minnesota Registration No. 5522

State of Minnesota, s.s.
County of Aitkin
On this 10th day of July, 1969 A.D., personally appeared before me, W. L. Voigt, to me well known and acknowledged that he executed the foregoing certificate as his own free act and deed.

Bench Mark elevation - 1221.90 N.S.L.
200' spike on lake side 12' Oak 10' NE of
corner between lots 12 & 13 1217.9
highest water reported
Water elevation June 1969 = 1214.95

This is to certify that the adjoining plat has been accepted and approved by the Board of County Commissioners at a regular meeting held this 10th day of July, 1969, A.D.

My commission expires
Chairman, Board of County Commissioners
Auditor

TAKEN AND
TRUSTED
This 10th day of July, 1969
County Auditor

KNOW ALL MEN BY THESE PRESENTS: That McGREGOR LAKESHORES, INC., a Minnesota Corporation, owners and proprietors of the following described property situated in the County of Aitkin, State of Minnesota to wit: That part of Government Lot 2, Section 25, Township 48, Range 25 lying westerly of the Plat of CEDAR GROVE and southerly of the Township road as established by that Record which is recorded in the office of the Register of Deeds, Aitkin County, Minnesota as document No. 165459. Have caused the same to be surveyed and platted as CEDAR GROVE SECOND ADDITION, and do hereby donate and dedicate to the public for public use forever the Lane as shown on the annexed plat.

In witness whereof, the above named corporation has caused these presents to be executed in its corporate name by its President and its Secretary-Treasurer and its corporate seal to be hereunto affixed. Have hereunto set their hands and seal this 10th day of July, 1969, A.D.

In Presence of:
Signed: McGREGOR LAKESHORES, INC.
as to
Shirley P. Meyer

State of Minnesota, s.s.
County of Aitkin

On this 10th day of July, 1969 A.D., before me a Notary Public within and for said County and State, personally appeared Shirley P. Meyer and W. L. Voigt, known to me personally, who being by me each duly sworn, did say that they are respectively the President and Secretary-Treasurer of McGREGOR LAKESHORES, INC., the corporation named in the foregoing instrument, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed in behalf of said corporation by authority of its Board of Directors and said Shirley P. Meyer and W. L. Voigt acknowledged said instrument to be the free act and deed of said corporation.

My commission expires
Notary Public

Shirley P. Meyer, Secretary Public
My commission expires

W. L. Voigt, Surveyor
My commission expires

Shirley P. Meyer, Notary Public
My commission expires

TAKEN AND
TRUSTED
This 10th day of July, 1969
County Auditor



Detailed Parcel Report

Parcel Number: 08-1-081400

General Information

Township/City: FLEMING TWP
Taxpayer Name: KERN, RODNEY M
Taxpayer Address: 45399 US HWY 169
PALISADE MN 56469
Property Address: 42610 305th PI
Township: 48 Lake Number: 1010500
Range: 25 Lake Name: FLEMING LAKE
Section: 22 Acres: 0.00
Green Acres: No School District: 1.00
Plat: CEDAR GROVE SECOND ADDITION
Brief Legal Description: LOT 12

Tax Information

Class Code 1: Non-Comm Seasonal Residential Recreational
Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Non Homestead
Assessment Year: 2020

Estimated Land Value:	\$57,100.00
Estimated Building Value:	\$1,800.00
Estimated Total Value:	<u>\$58,900.00</u>

Prior Year Total Taxable Value: \$47,600.00

Current Year Net Tax (Specials Not Included): \$364.00

Total Special Assessments: \$20.00

**Current Year Balance Not Including Penalty: \$384.00

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.

Sale History