

ZONING PERMIT APPLICATION

FULL NAME DONALD + CHRISTINE RAUSCH TELE # 763-221-1592
 MAIL ADDRESS 19648 HUNSON CIRCLE NW
 CITY ELK RIVER STATE MN ZIP 55330
 911 ADDRESS OF PROPERTY 45742-289TH LANE
 CITY AITKIN STATE MN ZIP 56431
 TOWNSHIP FARM ISLAND
 LEGAL DESCRIPTION SUNSET ADDITION LOT 6+7
 SECTION 31 TOWNSHIP 46 RANGE 27
 (circle) RESIDENTIAL COMMERCIAL ACCESSORY NEW BUILDING ALTERATION
 BUILDING CONTRACTOR AND LICENSE NUMBER: _____

OFFICE USE ONLY	
DATE <u>3/8/16</u>	APPROVE <input checked="" type="checkbox"/> DENY <input type="checkbox"/>
PERMIT# <u>41777</u>	
PARCEL# <u>07-1-085300</u>	
RECEIPT# <u>928683</u>	
CHECK # <u>6273</u>	
CONFORMING SEPTIC	
YES <input checked="" type="checkbox"/> <u>02015</u>	NO <input type="checkbox"/> NEW <input type="checkbox"/>

DESCRIBE YOUR PROJECT (IF APPLICABLE, INCLUDE DIMENSIONS OF ALL BUILDINGS COVERED BY THIS APPLICATION)
We are adding a 20x24 (including overhangs, building is 16x20)
4 season porch addition to the south side of our current cabin.
See plans and supplemental data.

COMMENTS: Applying for 1 time 50% Volume Expansion

DESIGNER: _____

DATA FOR SEWER CONSTRUCTION: INSTALLER _____ #BEDROOMS/GPD _____

The undersigned hereby makes application for permit to construct as herein specified, agreeing to do all such work in strict accordance with the Ordinances of the County of Aitkin, Minnesota; Minnesota Individual Sewage Disposal Code Minimum Standards set forth by Minnesota Department of Health; and Shoreland Management Standards set forth by Minnesota Department of Natural Resources. Applicant agrees that plot plan, sketches and specifications submitted herewith and which are approved by the Zoning Official, shall become a part of the permit. APPLICANT FURTHER AGREES THAT NO PART OF THE SEWAGE SYSTEM SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED AND ACCEPTED. It shall be the responsibility of the applicant for the permit to notify the Zoning Office (at least 24 hours in advance) that the Septic System is ready for inspection.

X Donald Rausch
 SIGNATURE APPLICANT/AGENT

-----DO NOT WRITE BELOW THIS LINE-----

ZONING DISTRICT & FLOOD PLAIN

ZONING DISTRICT SC
 LAKE/STREAM/RIVER NAME Sunset
 LAKE/RIVER ID NUMBER 1020800
 LAKE/RIVER/STREAM CLASSIF. RD
 PARCEL LOCATED IN FLOOD PLAIN? Y ___ N X
 10/100-YR. FLOOD ELEVATION _____
 LOWEST FLOOR ELEVATION _____
 ELEV. CERTIFICATE REQUIRED Y ___ N Y
 BEFORE CONSTRUCTION Y ___ N N
 AFTER CONSTRUCTION Y ___ N N

STRUCTURE SETBACK DISTANCE REQUIREMENTS

(Measure from eaves or overhang)
 OHW TO LAKE/RIVER/STREAM 60 existing not compliant
 PROPERTY LINE SETBACK (10-ft. / 20-ft.) _____
 SETBACK TO ROAD R-O-W (80-ft. Twp. / 50-ft. Co., State, Fed.) _____
 SETBACK TO BLUFF (80-ft.) _____

SEPTIC SYSTEM SETBACK DISTANCES

SETBACK TO STRUCTURES (10-ft. Tank / 20-ft. Drainfield) _____
 OHW TO LAKE/RIVER 75
 PROPERTY LINE SETBACK (10-ft.) _____
 SETBACK TO ROAD R-O-W (10-ft.) _____

****ATTACH COPY OF ELEVATION CERTIFICATES****

SOIL BORINGS _____ SEPTIC DESIGN _____ GARBAGE DISP/HOT TUB
 SSF _____ DEPTH TO RESTRICTING LAYER _____ YES ___ NO ___
 (circle) SSTS Type Type 1 Type 2 Type 3 Type 4 Type 5

RECOMMENDATIONS: _____

480 SQ FT Re Ask 4500 SQ FT

EXPIRES IN ONE YEAR • Aitkin County Zoning

Courthouse – 209 2nd St. NW. Room 100 • Aitkin, Minnesota 56431 \$ 200 - Pat H 2/25/16
 Telephone 218/927-7342 FEE RECEIVED BY DATE

WHITE – COUNTY

YELLOW – APPLICANT

PINK – TOWNSHIP

FIELD EVALUATION SHEET

NAME Don Rausch PERMIT # 41777
 PARCEL # 07-1-08530 TWP Farm Subd SECTION 3

CHECK THE FOLLOWING PRIOR TO INSPECTION

- _____
 _____ NAME OF SITE EVALUATOR
 _____ NAME OF DESIGNER
 _____ NAME OF INSTALLER
- LOT OF RECORD BEFORE 1-21-92 (SL) IR 1-10-95 (NSL), IF NO, ALT.SITE? _____
 _____ SITE PLAN WITH SETBACK DISTANCES AND DIMENSIONS
 _____ ARE ISTS SITES PROTECTED FROM DAMAGE? IF NOT, WHEN _____
 _____ DESIGN _____ PERC TESTS _____ SOIL BORINGS, 2 PER SITE
 _____ NUMBER OF BEDROOMS (INCLUDE POTENTIAL)
 _____ CROSS SECTION SHEET _____ TRENCH DESIGN SHEET
 _____ MOUND DESIGN SHEET _____ OTHER OR PERFORM.
 _____ PRESSURE DISTRIBUTION SHEET _____ PUMP CALC. TEST
 _____ WATER USE CALCULATIONS _____
 _____ GARBAGE DISPOSAL _____ HOT TUB
 _____ EASEMENTS ON LOT, IS ROAD PUBLIC OR PRIVATE SEE DEED/PLAT
 _____ NATURAL LANDSCAPE PROTECTION PLAN

STAKING: BUILDINGS , DRAINFIELD _____, BORINGS _____, WELL _____
 BUILDING SETBACKS: ROAD _____, SIDE _____, REAR _____, BLUFF _____,
 LAKE/RIVER _____

COMPLETE DURING SITE EVALUATION
 ___ BUILDINGS STAKED ___ DRAINFIELD STAKED ___ BORINGS STAKED
 ___ WELL STAKED

SETBACKS (MEASURE DISTANCE)

	<u>DRAINFIELD</u>	<u>HOUSE</u>
FLOOD PLAIN	YES/NO	YES/NO
WETLANDS	YES/NO	YES/NO
LAKE, RIVER, PROTECTED WATERS	_____	_____
ROAD RIGHT OF WAY	_____	_____
BLUFF	_____	_____
SIDE LOT LINE	_____	_____
REAR LOT LINE	_____	_____
HOUSE OR OTHER STRUCTURE	_____	_____
WELL	_____	_____
EASEMENTS	_____	_____
NEIGHBORING WELL (S) TO ISTS	(1) _____ (2) _____	(3) _____ (4) _____
DRAINFIELD AREA DISTURBED	_____	_____

CONFORMING SEPTIC SYSTEM: _____ YES _____ NO If no, list reasons below.
 COMMENTS OR PROBLEMS (drainage, swales, wetlands, need gutters, etc.) _____

APPROVED: YES OR NO _____
 INSPECTORS NAME _____ DATE _____ # PICTURES _____

SOIL BORING LOGS AND SKETCH PLAN ON REVERSE SIDE

AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING

209 Second Street NW
Aitkin, Minnesota 56431

PH: (218) 927-7342
FX: (218) 927-4372



March 8, 2016

RE: Parcel ID #07-1-085300
Permit Application #41777

Donald & Christine Rausch
19648 Hudson Circle NW
Elk River, MN 55330

Dear Mr. & Mrs. Rausch:

This letter confirms our discussion regarding the above-referenced permit. Permit #41777 is denied, because the structure was built using shoreline averaging in 1999. A copy of the front page of the 1999 permit (#25249) is attached. Building a structure with shoreline averaging requires a variance approval for any additions.

The building is not eligible for the one-time 50% volume expansion, because it was not constructed prior to January 21, 1992.

Please call me at 218-927-7342 with any questions you have. Peter Gansen and Kalea Suikkonen are the staff that attend the variance meetings, but I can certainly help with your questions. I have submitted a request to refund this permit application fee (\$200), but it does take some time to process.

Sincerely,

A handwritten signature in cursive script that reads "Becky Sovde".

Becky Sovde
Wetland Specialist/Compliance Officer
Aitkin County

COPY

COPY

ZONING PERMIT APPLICATION

(please do not write in shaded areas)

DATE <u>4/13/99</u>	APPROVED <input checked="" type="checkbox"/>	DENIED	PERMIT# <u>25249</u>
NAME <u>Donald Rausch</u>	TELE#	PARCEL# <u>07-1-085300</u>	RECEIPT# <u>9956</u>
MAILING ADDRESS <u>17964 Fresno St Elk River, MN 55330</u>	TOWNSHIP <u>Farm Island</u>	CONFORMING SEPTIC	YES P# <u>8/17/98</u> NO NEW
LEGAL DESCRIPTION <u>Sunset addition Lot 6</u>	SEC <u>31</u>	TWP <u>46</u>	RGE <u>27</u>

ZONING DISTRICT & FLOOD PLAIN

ZONING DISTRICT S/L
 LAKE/STREAM/RIVER NAME Sunset Lake
 LAKE/RIVER ID NUMBER F0208
 LAKE/RIVER/STREAM CLASSIF. RD
 PARCEL LOCATED IN FLOOD PLAIN? Y N
 10/100 YR FLOOD ELEVATION _____
 LOWEST FLOOR ELEVATION _____
 ELEV. CERTIFICATE REQUIRED Y N
 BEFORE CONSTRUCTION Y N
 AFTER CONSTRUCTION Y N

STRUCTURE SETBACK DISTANCE REQUIREMENTS

(Measure from eaves or overhang)
 OHW TO LAKE/RIVER/STREAM 61 1/2 with SA.
 PROPERTY LINE SETBACK 10'
 SETBACK TO ROAD R-O-W 30'
 SETBACK TO BLUFF N/A

SEPTIC SYSTEM SETBACK DISTANCES

SETBACK TO STRUCTURES 10 tank 20' Field
 OHW TO LAKE/RIVER _____
 PROPERTY LINE SETBACK N/A
 SETBACK TO ROAD R-O-W _____

****ATTACH COPY OF ELEVATION CERTIFICATES****

(circle) RESIDENTIAL COMMERCIAL ACCESSORY NEW BUILDING ALTERATION

DATA FOR BUILDING CONSTRUCTION: CONTRACTOR _____

SIZE OF ALL BUILDINGS COVERED BY THIS APPLICATION lift up structure & move back 1/2 foot to put at 61 1/2 ft for shoreline averaging put in full basement 20x24

COMMENTS: _____

DATA FOR SEWER CONSTRUCTION: INSTALLER _____ #BEDROOMS/GPD _____

SOIL BORINGS _____	SEPTIC DESIGN _____	GARBAGE DISP/HOT TUB
PERK RATES _____	DEPTH TO RESTRICTING LAYER _____	YES _____ NO _____
MIN. SIZE SEPTIC TANK _____	MIN. SIZE PUMP TANK _____	
DRAINFIELD: MINIMUM SQ. FT. _____	WITH _____ INCHES ROCK BELOW PIPE	
MOUND: MINIMUM ROCK BED SQ. FT. _____	WITH 9 INCHES ROCK BELOW PIPE	
MIN. UPSLOPE SAND WIDTH _____	MIN. DOWNSLOPE SAND WIDTH _____	END SAND WIDTHS _____
RECOMMENDATIONS: _____		

PLEASE ATTACH ANY ADDITIONAL INFORMATION TO THIS PERMIT

TOWNSHIP OR CITY USE ONLY:

RECOMMEND: APPROVAL _____ DENIAL _____ COMMENTS: _____

SIGNATURE: TOWNSHIP/CITY CLERK _____ DATE _____

The undersigned hereby makes application for permit to construct as herein specified, agreeing to do all such work in strict accordance with the Ordinances of the County of Aitkin, Minnesota; Minnesota Individual Sewage Disposal Code Minimum Standards set forth by Minnesota Department of Health; and Shoreland Management Standards set forth by Minnesota Department of Natural Resources. Applicant agrees that plot plan, sketches and specifications submitted herewith and which are approved by the Zoning Official, shall become a part of the permit. **APPLICANT FURTHER AGREES THAT NO PART OF THE SEWAGE SYSTEM SHALL BE COVERED UNTIL IT HAS BEEN INSPECTED AND ACCEPTED.** It shall be the responsibility of the applicant for the permit to notify the Zoning Office (at least 24 hours in advance) that the septic system is ready for inspection.

Donald Rausch
SIGNATURE APPLICANT/AGENT

\$ 100.00
FEE

Kim
RECEIVED BY

4/13/99
DATE

\$50.00 Pre On-Site: Yes No (per variance denied) see attached.

EXPIRES IN ONE YEAR

(Space for Required Sketch on Reverse Side)

Aitkin County Zoning, Courthouse — AITKIN, MINNESOTA 56431 — Telephone 218/927-7342

White - County

Yellow - Township

Pink - Applicant

Ver. 9/97

INQPCL-2
Data set: PRD Production

Parcel Description

2/25/16
15:04:13

Parcel/Acct : 07-1-085300 5793 Asmt/Tax year: 2014 2015

Taxpayer: 22834 FALCO: 1 F.O.
RAUSCH, DONALD & CHRISTINE
19648 HUDSON CIR NW
ELK RIVER MN 55330

Primary Owner: 22834
RAUSCH, DONALD & CHRISTINE
19648 HUDSON CIR NW
ELK RIVER MN 55330

Primary Property Address:
45742 289th Ln
AITKIN 56431

F1=Help

F3=Exit

F9=Print

F12=Cancel Bottom

INQPCL-1
Data Set: PRD Production

Parcel Description

2/25/16
15:03:27

Parcel/Acct : 07-1-085300	5793	Asmt/Tax year: 2014 2015	Type: RE
Pri. owner : 22834		Unit . . . :	Hold tax stmt:
RAUSCH, DONALD & CHRISTINE		Emergency # :	Lease Type:
Taxpayer : 22834 FALCO: 1 F.O.		Escrow . . . :	
RAUSCH, DONALD & CHRISTINE		Surveyed . . . :	Notes :
Ref. parcel : 00207004085300		Com district: 2	UDI . . : 100.00%
Lake #/Name : 1020800 SUNSET LAKE		MH court nbr:	Billing: P
Physical adr: 45742 289th Ln		TIF district:	KD:
AITKIN 56431		User defined: 8-28-96	
Acres . . . : .00		UTA-Twp/City: 7 FARM ISLAND TWP	
Lot/Block . . :		School . . . : 1 AITKIN	
Plat/Desc . . : 4 SUNSET ADDITION		AMBU **** * 00 00	
Sec/Twp/Rge : 31 46.0 27		00 00 00 00	
Description : LOT 6			<--Version: 1

Press Enter to continue or enter new parcel/tax year: 07-1-085300 2015
F1=Help F2=Trans History F3=Exit
F6=Parcel History F7=Name/Addresses F8=Legal F24=More keys

Supplemental Data for Land Use Permits

A. PRE-EVALUATION INSPECTION REQUEST: Defining and staking the property lines, road right-of-ways, septic sites, and wells are the responsibility of the property owner. In some cases, a registered survey may be required to verify setbacks before granting a permit.

B. Directions to your Property From Aitkin:

From a major intersection: 169 South TO Cty 28. Turn Right Past Farm ISLAND STORE. Approximately 2.5 miles TO Partridge Ave. Left on Partridge ABOUT 1.2 miles TO 289th. Follow Driveway TO property, BARN style WITH Log SLIDING.

C. PLANNING CHECKLIST (required for all permits): See ADDITIONAL COMMENTS

- | | YES | NO | ??? |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Are you aware of setback requirements and will your project meet them? (Note: Setback distances are taken from <u>any</u> projection of the building (i.e. overhangs, eaves, decks, etc.) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Have you taken into consideration locations for future buildings, septic systems, decks, driveways, etc? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Will this structure be used for commercial purposes | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Is your property in a floodplain? (If yes, complete Section D)
<i>If it is, the lowest floor (which includes basement or crawl space, regardless of a dirt floor) must be one foot (1') above the 100-year flood elevation or 3 feet above the highest known water level. A benchmark established by a registered surveyor or licensed engineer may be required before granting a land use permit.</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Are there any lowlands or wetlands on or near the site project? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Will your project meet the impervious surface requirements?
<i>Note: In the Shoreland District, structures cannot exceed 15% of lot area and total impervious surfaces cannot exceed 25% of lot area. Lot area must not include wetland or bluff areas or land below the ordinary high water level. Non-shoreland areas have a maximum of 35% total impervious surface.</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

ALL PROPOSED DEVELOPMENT REQUESTS MUST BE CLEARLY STAKED AT ALL FOUR CORNERS. PROPERTY LINES MUST BE FLAGGED NEAR THE PROPOSED CONSTRUCTION. IF STAKES ARE NOT PRESENT OR VISIBLE IT MAY RESULT IN ADDITIONAL FEES AND/OR A DELAY IN THE PERMIT PROCESS. The undersigned hereby makes application for a pre-evaluation permit inspection, agreeing that all setback information and delineation of property lines, well location, road setbacks, and development corners have been properly identified and marked.

Telephone Number between the hours of 8:00 A.M. and 4:00 P.M. 763-221-1592

LANDOWNER SIGNATURE: X Donald J Kausel

Shoreland Zoning includes any property within 1,000 feet of a lake, 300 feet of any other river, stream or flowage or the landward extent its floodplain, or within 500 feet of the Mississippi River.

**NON SHORELAND PROPERTIES STOP HERE
SHORELAND PROPERTIES COMPLETE PAGE 2**

SHORELAND PROPERTIES CONTINUED

- | | YES | NO | ??? |
|---|-------------------------------------|-------------------------------------|--------------------------|
| 7. Will your project be less than the maximum structure height allowed in shoreland (35 feet, as measured from the lowest adjoining ground level to the highest point of the roof)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Is there a steep slope or bluff on or near the site? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. Are you constructing a walkout basement in the shoreland district of a lake, river, or stream (If yes, please provide plan) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Will there be any activity (vegetation removal or earth moving) in the Shore Impact Zone, Bluff Impact Zone or on a steep slope of a lake or river? (If yes, please provide plan) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 11. If you are building an accessory structure, please provide sidewall height and if there will be a loft or second story. (No living quarters, sleeping areas, baths, showers or toilet facilities are allowed in accessory structures.) <u>N/A</u> | | | |

D. NATURAL LANDSCAPE PROTECTION PLAN:

To ensure that earth moving and vegetation removal is within ordinance guidelines, and to ensure activity on your property does not negatively impact the lake or other properties, you may be required to provide additional drawings of your site plan.

12. Setback from the Ordinary High Water Level (OHW) for proposed construction? 63 feet
13. How many cubic yards of fill or excavation will be done on the property? 0
14. How close to the property line will any fill be placed or any excavation be done? N/A
15. If you are constructing a walkout basement, please identify on the drawing where the excavated material will be placed. N/A
16. What percent slope of the land currently exists on the construction site? Approx. 10%
(If the percent slope is greater than 18%, supply copy of Site review from SWCD)
17. How will erosion be controlled during construction? (Attach additional info and drawings as necessary)
See ADDITIONAL COMMENTS
18. What will be done after construction to control erosion? See ADDITIONAL COMMENTS

I have read the above and I understand the Natural Landscape Protection Plan as prepared. I hereby agree to implement this plan as part of the Land Use Permit.

X Donald J. Paul 2/27/16
Landowner Signature Date

PLB 2/25/16
Zoning Official Date

Application: **Supplemental Data for Land Use Permit: Rausch – Sunset Lake**

General Comments: **We are applying for a standard building permit under the exception for a one time expansion not exceeding 50% of size or value. The planned addition is 16 x 20 which is 320 sq ft. The original cabin and current cabin footprint is 20 x 32 which is 640 sq ft. on main level, and a total sq. footage of 1240. The addition is 50% of the original main floor cabin sq footage.**

In 1999, we applied for a variance on this property to do some work due to a failing roof and a crumbling foundation. The variance was denied by the county board as not necessary and we were allowed to do the planned work per the application. We had at that time a 4 foot crawl space under the cabin within the original stone and mortar foundation. The cabin was originally constructed in 1928 with an addition added in 1958. The foundation was crumbling and temporary supports had been placed under the cabin. In pursuing our options for a foundation, due to the small incremental cost, we dug out an additional 3 feet and have a 7 foot high basement under a 20 x 24 foot section of the 20 x 32 footprint of the cabin.

There were also structural problems with the roof on the addition. They had simply nailed 2x4's to the existing roof extending to the outside wall as roof trusses. These had sagged over the years and some had rotted. The previous owners had put layers of roofing materials on over the top of the initial roofing. There were 4 layers of shingles and roofing material on the cabin at the time we did the work. The rotted holes in the sheathing and the rotten supports necessitated a new roof structure having to be completed on the cabin. A barn style roof was added to replace the original roof structure. We have some pictures of the roof if necessary.

C. 1. Setback Requirements: The cabin is in the same location as it was when constructed in 1928 and meets the setback requirements per grandfather rules for existing properties.

C. 2. Have you taken into consideration for future needs: The existing driveway is adequate to service the property. There is sufficient room for future septic systems if necessary. The existing septic system was inspected in November 2015 and passed inspection meeting all requirements.

C. 3. Will structure be used for commercial purposes: No, this is a personal residence.

C. 4. Is property in floodplain: No the property is not in the floodplain.

C. 5. Are there any lowlands or wetlands on or near the project: Yes, the property is located on Sunset Lake.

C. 6. Will the project meet the impervious surface requirements: I have completed the impervious surface calculation for the area of lots 5 & 6. The total sq ft for the lots is 16,790 sq ft. (see attached spreadsheet with detail computations) This would allow for a maximum amount for structures at 15% of 2,518 sq ft and a maximum for total impervious surfaces at 25% of 4,197 sq ft. With the original structures and the addition, the coverage area will be at 2,052 sq ft for structures and 2,820 for total impervious surface area. The property will be well below the allowable surface area.

C. 7. Less than maximum height allowed: Yes, the addition will be below the maximum height level. It will not exceed the height of the existing cabin.

C. 8. Steep slope or bluff: There is a slope but it is a gentle slope and not steep.

C. 9. Constructing Walkout basement: No, we are not constructing a walkout basement. The addition will be on piers.

C. 10. Activity in the Shore Impact Zone: No there will be no activity, no earth or vegetation removal will be done for this project.

C. 11. Building an accessory structure: We are not building an accessory structure.

D. 12. Setback from OHW level: The project is an addition to the existing structure. It is the same distance as the existing cabin is from the OHW. The existing structure and the addition are 63 feet from the OHW.

D. 13. Fill or Excavation: The addition will be on post footings. The holes will be drilled and minimal soil will be displaced.

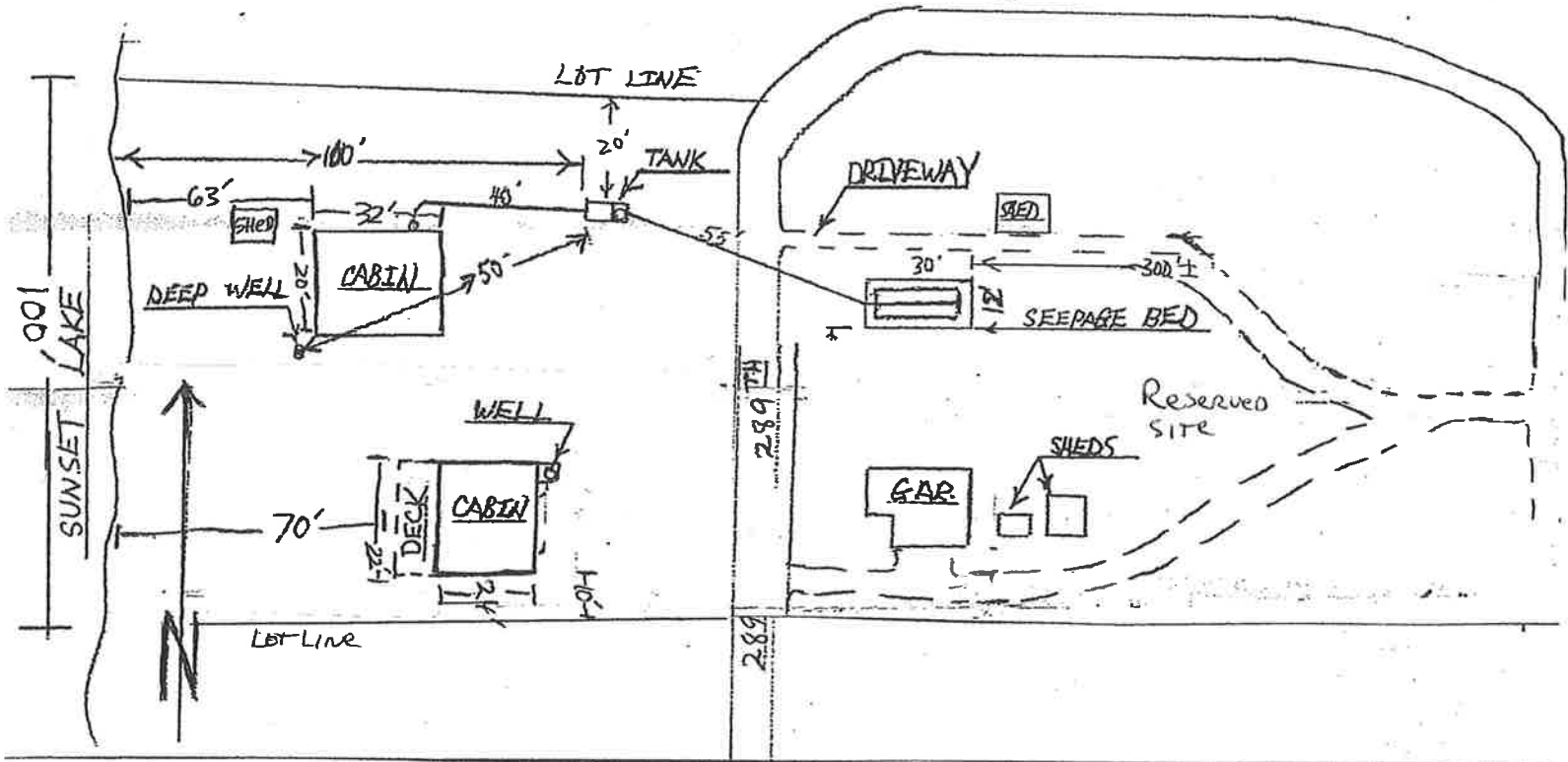
D. 14. & D. 15. N/A

D. 16. Slope of construction site: Gentle slope approximately 10%.

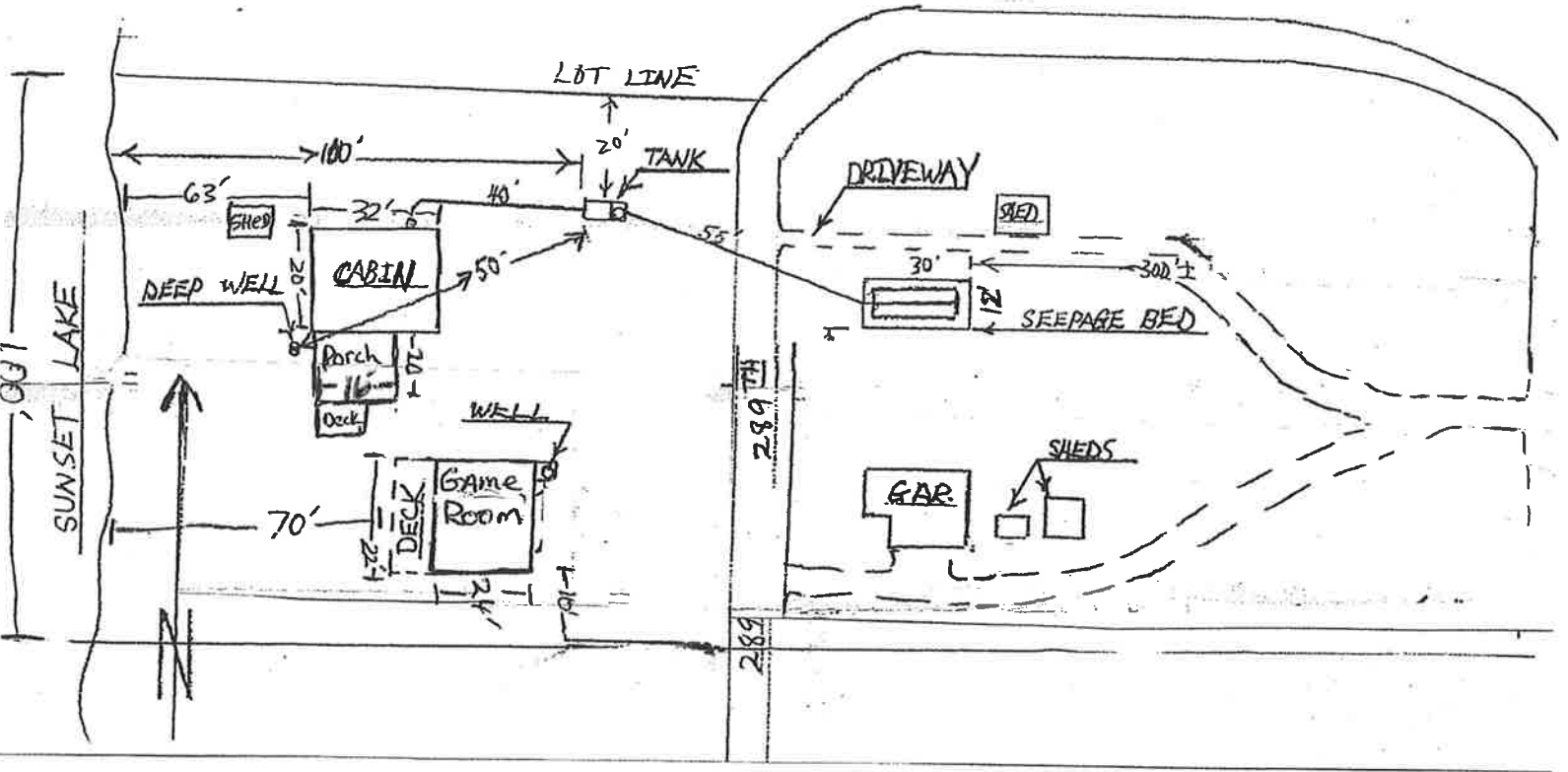
D. 17. Erosion Control: There will be minimal excavation due to the project being built on post and pier. Any excess soil from the post holes will be moved to the back lot, a minimum of 250' from the shoreline. Soil disruption will be minimal for remaining existing ground cover. If necessary an erosion barrier will be installed.

D. 18. Erosion Control after construction: We will be planting ground cover under the structure as much as possible to assist with filtering and slowing water runoff. We will also install a gutter system on the south end of the structure to direct water from running immediately down to the lake and into rain barrels to use for watering. We maintain an existing natural grass and tree planting area growing on the slope which will not be disturbed during construction. This area is approximately 15 feet wide and provides a buffer zone between the cabin structure area and the shoreline area. Additional trees will be planted in various location on the lots. The trees will be a combination of pine, maple, and birch with a planned planting of 10 new trees. Some will be planted on the top edge of the slope to provide screening from the lake and some will be planted along the base near the shore to provide additional screening. We have installed rip rap along the shoreline to prevent erosion. We also do not use any fertilizer or other chemical products on the lawn to prevent any runoff into the lake.

EXISTING Structure

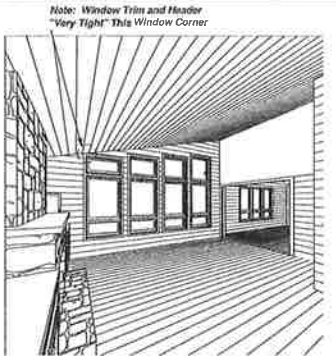


Proposed Structure

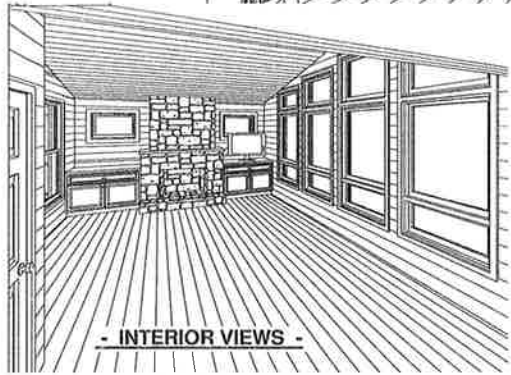




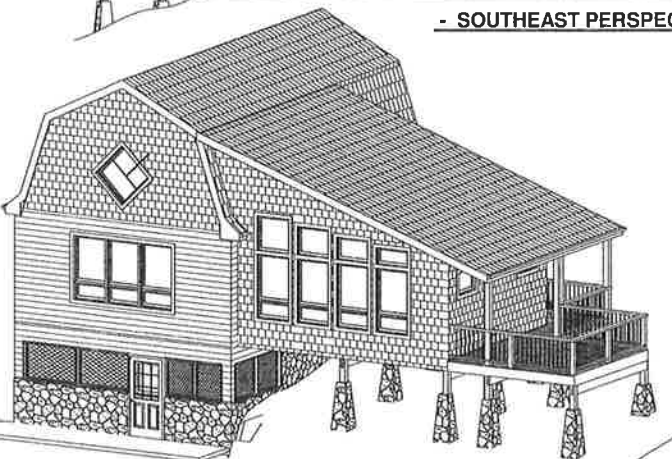
- SOUTHEAST PERSPECTIVE -



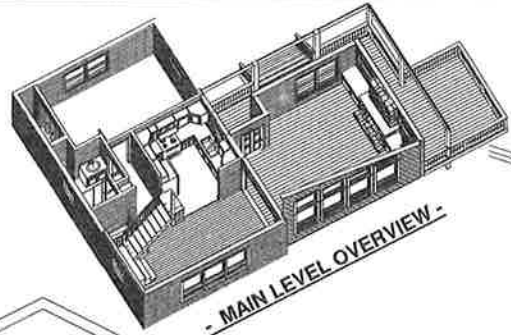
Note: Window Trim and Header
"Very Tight" This Window Corner



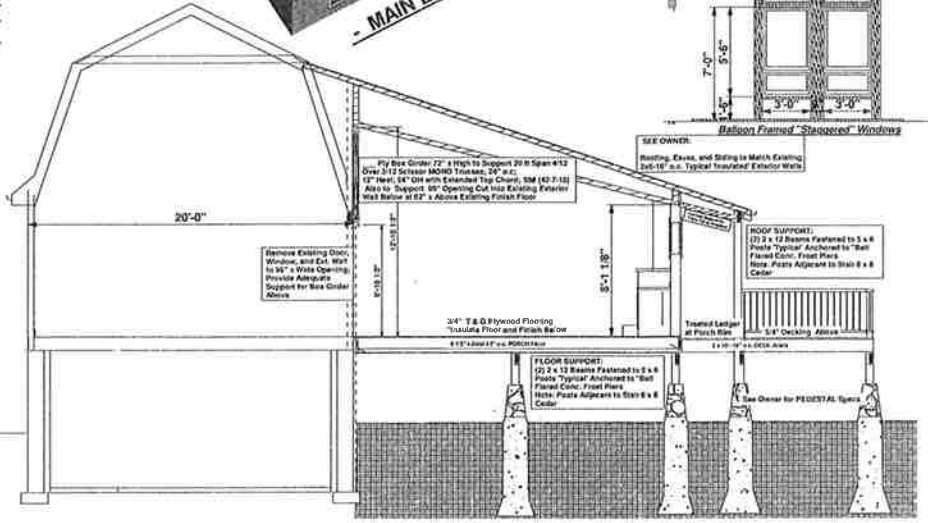
- INTERIOR VIEWS -



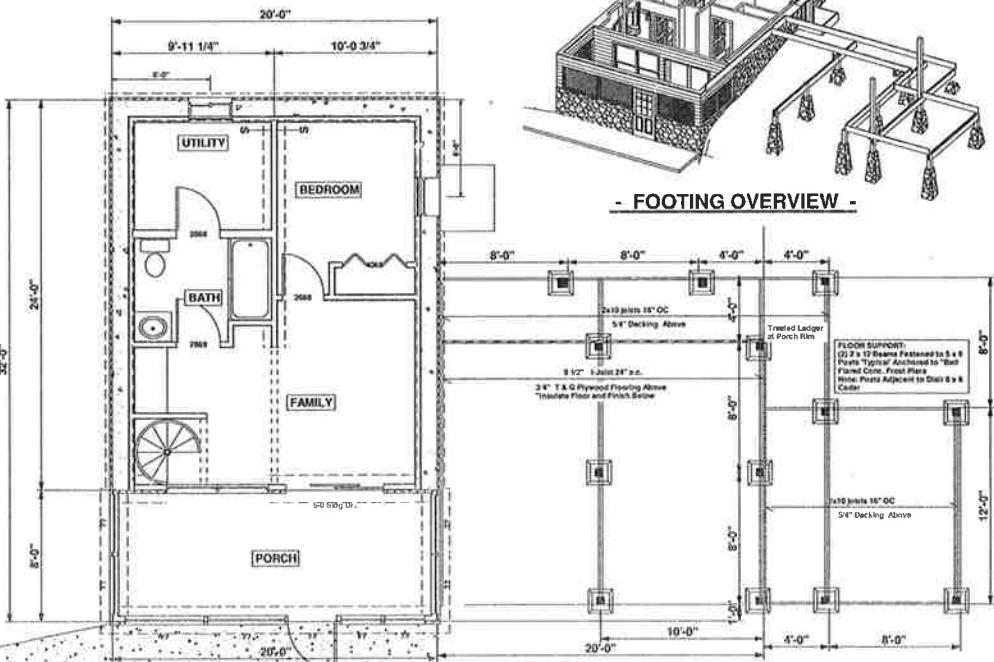
- SOUTHWEST PERSPECTIVE -



- MAIN LEVEL OVERVIEW -

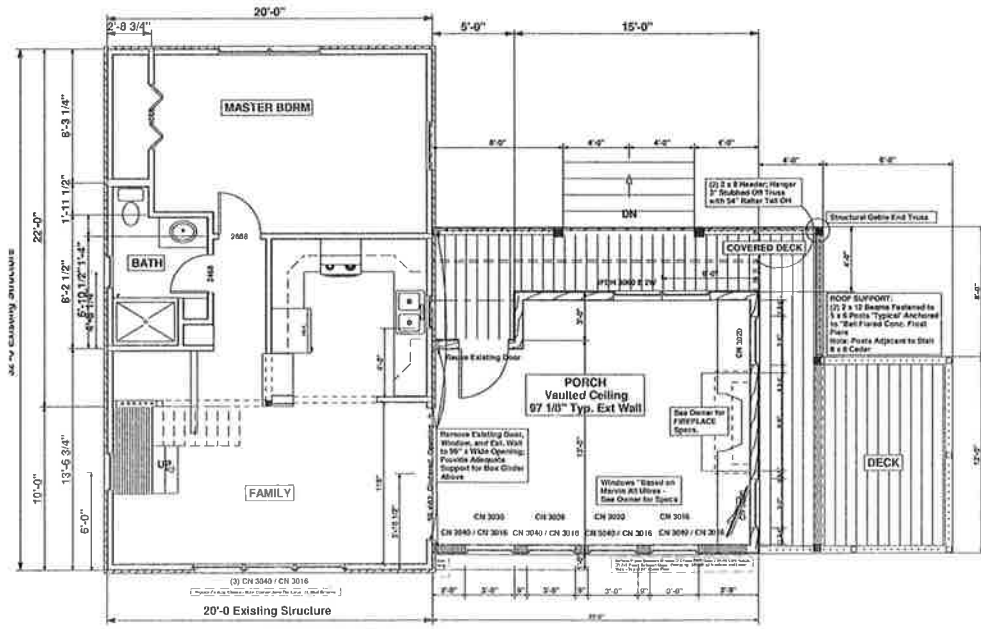


- SECTION -



- FOOTING OVERVIEW -

- FOOTING PLAN -



- MAIN LEVEL PLAN -

NOTE: All Existing Dimensions, Framing, Foundation to be "Field Verified"; Make Necessary Adjustments. Builder and Subcontractors to Meet All Building Codes.

DON and CHRISTY RAUSCH
45742 - 289th LANE
SUNSET LAKE
AITKIN (county) MINNESOTA

STEVE'S DRAFTING

PAGE 1 OF 1

SCALE 1/4" = 1 FOOT

DATE December 5th, 2015

PROJECT # 15-134-3856

Sheet1

Impervious surface computation

EXISTING STRUCTURES

		Total Sq Ft.
Rausch Cabin	20x32	640
deck	12x20	240
Existing Hayes structure	22x24	528
deck	8x22	176
Shed	10x10	100
Sub-total structures		1684

OTHER IMPV.

Rausch Stairs	3x21	63
Existing Hayes Stairs	3x43	129
Stone Patio	13x16	208
Rausch Sidewalk	5x20	100
Existing Hayes Sidewalk	5x16	80
Shore platform	8x8	64
Stepping stones	62 stones	116
Sewer caps		8
Sub-total Other Impv.		768

Total Impervious 2452

Total Lot 5 & 6 square footage	16,790 sq ft.
15% Limit	2,518 sq ft
25% Limit	4197.5 sq ft.

PROPOSED STRUCTURE

		Total Sq Ft.
Rausch Cabin	20x32	640
Addition(including overhangs)	20x24	480
Addition deck	8x12	128
Game Room/Sauna(Hayes)	22x24	528
Game Room Deck(Hayes)	8x22	176
Shed	10x10	100
Sub-total structures		2052

OTHER IMPV.

Rausch Stairs	3x21	63
Existing Hayes Stairs	3x43	129
Stone Patio	13x16	208
Rausch Sidewalk	5x20	100
Existing Hayes Sidewalk	5x16	80
Shore platform	8x8	64
Stepping stones	62 stones	116
Sewer caps		8
Sub-total Other Impv.		768

Total Impervious 2820

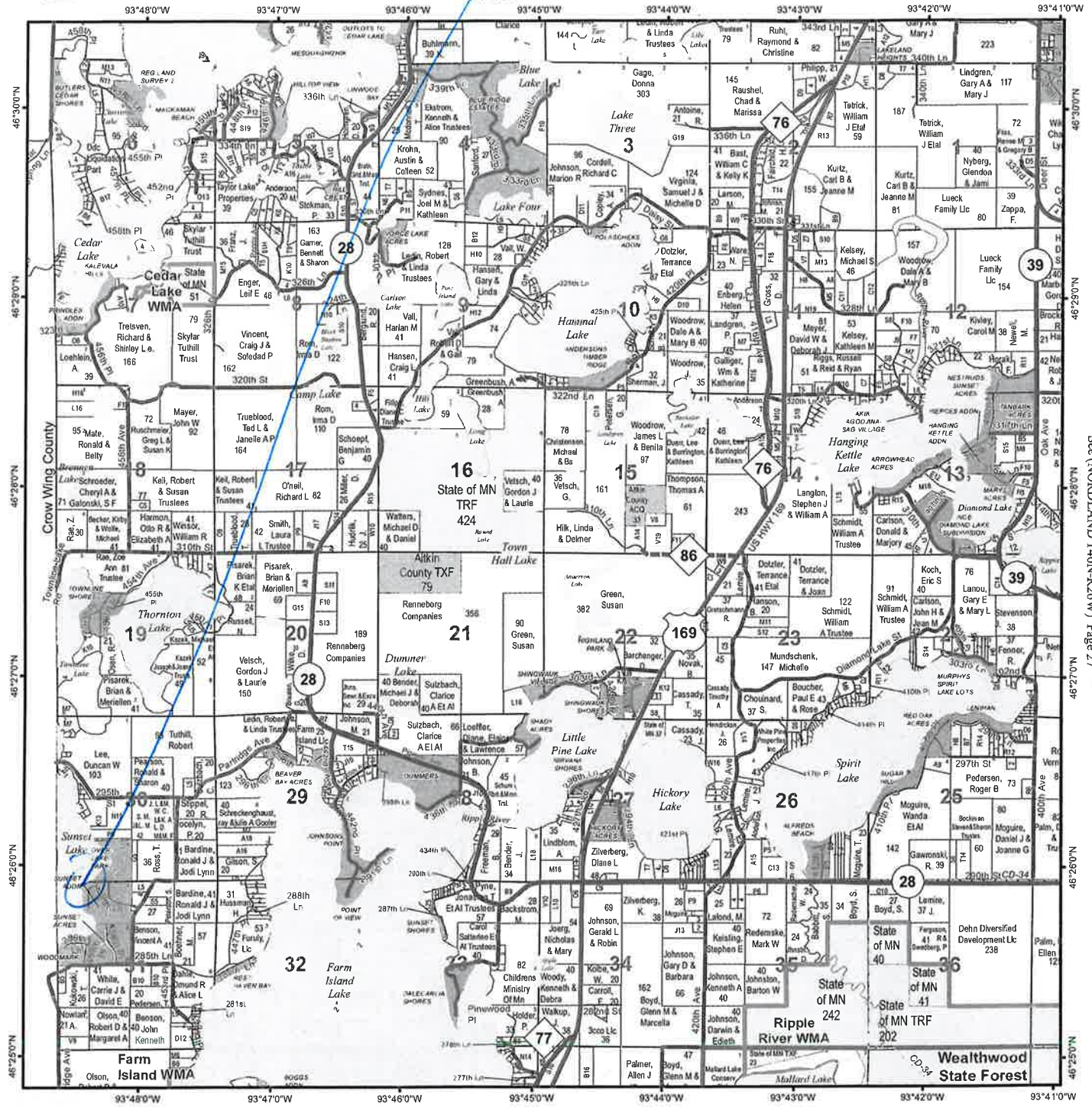
Aitkin County

FARM ISLAND T46N-R27W

See (AITKIN T47N-R27W) Page 32



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See (HAZELTON T45N-R27W) Page 20



Experience You Can Trust

JOHNSON
SEWER & EXCAVATING, INC.
34604 - 395TH PLACE • AITKIN, MN 56431

Michael A. Johnson, Owner
218-927-2272

- Sewer system installation
- Basement excavation
- Driveway construction
- Sand, gravel, black dirt, fill

AITKIN COUNTY ZONING

PERMIT
NUMBER **41777**

PARCEL
NUMBER _____

Location _____
3/8/16 Permit denied.
Lot Block Gov't. Lot Section Twp. Rge.

Issued _____ To _____

Nature of Authorization _____

New Construction _____ Alteration _____

Sewer Installation _____

Flood Plain and Lowest Floor Elev. _____

NOTE:

This permit must be posted in a conspicuous place on premises on which work is to be done and remain until work has been completed and inspected.

This permit expires one year from date of issuance
NOT TRANSFERABLE

ZONING ADMINISTRATOR

No Portion of any Sewage Disposal System shall be Covered Prior to Inspection.